



# **PROJECT MANUAL**

**PROJECT NUMBER: 22214.00-32**

## **HORACE MANN ELEMENTARY SCHOOL CAMPUS HVAC SYSTEM UPGRADES**

**BAKERSFIELD CITY SCHOOL DISTRICT**

**April 9, 2024**

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*\*All Contractors to review both BCSD and AP Architect's Division 01 General Requirements. If duplicate sections are provided, the most stringent will apply.*

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	101423	Signs
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	102113	Toilet Compartments
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**ATTACHMENTS:**

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- LEAD REMEDIATION SCOPE OF WORK (YES ENVIRONMENTAL, INC.; DATED MARCH 28, 2024)
- ASBESTOS REMEDIATION SCOPE OF WORK (YES ENVIRONMENTAL, INC.; DATED MARCH 29, 2024)
- BCSD - HMES - PHASING PLAN
- BCSD - OFCI - MECHANICAL EQUIPMENT LIST
- BCSD - OFCI - ELECTRICAL EQUIPMENT LIST
- STATE DAVIS BACON CONDITIONS
- PG&E NEW ELECTRICAL SERVICE DRAWINGS

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**LIST OF DRAWINGS AND TABLES**

**Horace Mann Elementary School:** Campus HVAC System Upgrades  
**DSA APP:** 03-122671  
**DSA Approval Dated:** 11/8/2023

The drawings are listed below and dated as referenced:

Sheet No.	Title	Date
<u>TITLE</u>		
A0.00	Title Sheet	10/30/2023
<u>ARCHITECTURAL</u>		
A1.00	Campus Site Plan	10/30/2023
A1.11	Partial Demolition Site Plan	10/30/2023
A1.21	Partial Site Plan	10/30/2023
A2.00	Schedules (Interior Finish/Door)	10/30/2023
A2.01	Schedules (Accessory/Windows	10/30/2023
A2.02	Schedules (Windows)	10/30/2023
A2.10	Demolition Floor Plans	10/30/2023
A2.11	Demolition Floor Plans	10/30/2023
A2.12	Partial Demolition Floor Plans	10/30/2023
A2.20	Floor Plans	10/30/2023
A2.21	Floor Plans	10/30/2023
A2.22	Partial Floor Plans	10/30/2023
A3.00	Overall Roof Plan	10/30/2023
A3.10	Roof Plans	10/30/2023
A3.11	Roof Plans	10/30/2023
A3.12	Roof Plan	10/30/2023
A4.00	Exterior Elevations	10/30/2023
A4.01	Exterior Elevations	10/30/2023
A4.10	Building Sections	10/30/2023
A5.10	Demolition Reflected Ceiling Plans	10/30/2023
A5.11	Demolition Reflected Ceiling Plans	10/30/2023
A5.20	Reflected Ceiling Plans	10/30/2023
A5.21	Reflected Ceiling Plans	10/30/2023
A6.00	Interior Elevations	10/30/2023
A6.01	Interior Elevations	10/30/2023
A6.02	Interior Elevations	10/30/2023
A6.03	Interior Elevations	10/30/2023
A6.04	Interior Elevations	10/30/2023
A6.05	Interior Elevations	10/30/2023
A8.00	Details	10/30/2023
A8.01	Details	10/30/2023
A8.02	Details	10/30/2023
A8.03	Details	10/30/2023
A8.04	Details	10/30/2023
A8.05	Details	10/30/2023

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S2.01	Roof Framing Plans	10/30/2023
S2.02	Roof Framing Plans	10/30/2023
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S3.02	Section and Details	10/30/2023
S3.03	Section and Details	10/30/2023

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M2.11	Mechanical Demolition Plan - Building M3	10/30/2023
M2.12	Mechanical Demolition Plan - B, C, D, E	10/30/2023
M2.20	Mechanical Plan - Building M-1 & M-2	10/30/2023
M2.21	Mechanical Plan - Building M-3	10/30/2023
M2.22	Mechanical Plan - Building B.C.D. E	10/30/2023
M3.10	Mechanical Roof Plan - Building M-1 & M-2	10/30/2023
M3.11	Mechanical Roof Plan - Building M-3	10/30/2023
M3.12	Mechanical Roof Plan - Building B, C, D, E	10/30/2023
M4.10	Mechanical Sections	10/30/2023
M4.11	Mechanical Details	10/30/2023
M4.12	Duct Bracing Details	10/30/2023
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M5.10	Title 24	10/30/2023
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M5.21	Title 24	10/30/2023

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P2.10	Plumbing Demolition Plans Building M-1 & M-2	10/30/2023
P2.11	Plumbing Demolition Plan Building M-3	10/30/2023
P2.12	Plumbing Demolition Plans Building B, C, D & E	10/30/2023
P2.20	Plumbing Plans - Building M-1 & M-2	10/30/2023
P2.21	Plumbing Plan - Building M-3	10/30/2023
P2.22	Plumbing Plans - Building B, C, D & E	10/30/2023
P4.10	Pipe Bracing Details	10/30/2023

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E0.02	Panel Schedules	10/30/2023
E0.03	Fire Alarm Riser	11/04/2022
E0.04	Fire Alarm Calculations	10/30/2023
E0.05	Fire Alarm Details	10/30/2023
E0.06	Indoor T24	10/30/2023
E1.00	Electrical Site Plan	10/30/2023
E2.20	Building M-1 & M-2 Electrical Plans	10/30/2023
E2.21	Building M-3 Electrical Plan	10/30/2023
E2.22	Buildings B-E Electrical Plans	10/30/2023
E3.20	Building M-1 & M-2 Electrical Roof Plans	10/30/2023
E3.21	Building M-3 Electrical Roof Plan	10/30/2023
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E3.23	Building B-E Electrical Roof Plan	10/30/2023
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E6.12	Building M-1, M-2, M-3 Demolition Plans	10/30/2023
E6.13	Building A, R1 & R2 Demolition Plan	10/30/2023
E6.15	Classrooms B5-B8 & B15-B20 Fire Alarm Demolition Plans	10/30/2023
E6.20	Building R1 & R25 Fire Alarm Plan	10/30/2023
E6.21	Building B-E Plan	10/30/2023
E6.22	Building M-1 & M-2 Fire Alarm Plans	10/30/2023
E6.23	Building M-3 Fire Alarm Plan	10/30/2023
E6.24	Building R2-R4, B4,B3 & A Fire Alarm Plan	10/30/2023
E6.25	Classrooms B5-B8 & B15-B20 Fire Alarm Plans	10/30/2023
E6.26	Building G Fire Alarm Plan	10/30/2023

PG&E DRAWINGS

Construction Sketch	PG&E Electrical Service Drawing	July 2023
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END OF DOCUMENT

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**LIST OF SCHEDULES**

SCHEDULES

***[PLACEHOLDER]***

***[BASELINE SCHEDULE TO BE PROVIDED VIA ADDENDUM]***

END OF DOCUMENT

**NOTICE TO BIDDERS**

1. Notice is hereby given that the governing board ("Board") of the Bakersfield City School District ("District") will receive sealed bids for the following project, **Bid No. 22214.00-32, Multiple Bid Package(s)** ("Project" or "Contract"):

**Horace Mann Elementary School – Campus HVAC System Upgrades**

2. The Project consist of:

Selective Demolition and Construction necessary for the **5-Phase Modernization** of Horace Mann Elementary School. Existing Buildings B, C, D, E, M-1, M-2, and M-3 will be Modernized in **5-Phases** along with all ADA & Site/ Chiller Yards. This work is associated with Architectural, Structural, Plumbing, Mechanical and Electrical Low Voltage work as indicated in the Drawings and Specifications. Generally, these categories of work involve Hazardous Material Abatement, Demolition, Adaptive Re-Use and Modification of certain selected areas, New Finishes, Accessibility Compliance, Re-Roofing, HVAC Upgrades at Instructional Area, Expanding Selected Infrastructure Utilities, Campus-Wide Fire Alarm Upgrades, and Extensive Modifications. The Project will involve the "phasing" and barricading of work areas as indicated on the Logistics Plan and enumerated in these Specifications. This is a Multiple Prime Package project as clarified below.

3. To bid on this Project, the Bidder is required to possess one or more of the following State of California contractors' license(s):

**Bid Package Breakdown:**

- #HMES-00 – General Information for All Bid Packages
- #HMES-01 – Demolition & Abatement; (B) or (C-21/22)
- #HMES-02 – General Trade; (B)
- #HMES-03 – Mechanical; (C-20)
- #HMES-04 – Electrical & Low Voltage; (C-10)
- #HMES-05 – Plumbing & Site Utilities; (C-36)
- #HMES-06 – Carpet; (C-15)
- #HMES-07 – Ceramic Tile; (C-54)
- #HMES-08 – Acoustical Ceilings & Tackboards (C-2)
- #HMES-09 – Plaster & Drywall (C-9 and C-35)
- #HMES-10 – Painting (C-33)
- #HMES-11 – Carpentry & Insulation (C-2 and C-5)

The Bidder's license(s) must remain active and in good standing throughout the term of the Contract.

4. To bid this Project, the Bidder is required to be registered as a Public Works Contractor with the Department of Industrial Relations pursuant to the Labor Code.
5. Electronic Copies of the Contract Documents will be available on or after **April 9, 2024**, downloaded from the District's website below:

<http://mot.bcsd.com/Construction%20Consultants/22214.00-32-32%20Horace%20Mann%20ES%20Campus%20HVAC%20System%20Upgrades/>

6. In addition, Contract Documents are available for bidders' review at the following builders' exchanges:
  - A. Kern County Builder's Exchange @ Phone: (661) 324-4921
7. **Sealed bids will only be received until 2:00 p.m., May 9, 2024, at the District Maintenance, Operations and Facilities Office, 1501 Feliz Drive, Bakersfield, California 93307** at or after which time the bids will be opened and publicly read aloud. Any bid that is submitted after this time shall be nonresponsive and returned to the bidder. Any claim by a bidder of error in its bid must be made in compliance with section 5100 et seq. of the Public Contract Code.
8. Pursuant to Public Contract Code section 20111.5, only prequalified bidders will be eligible to submit a bid for this Project. Any bid submitted by a bidder who is not prequalified shall be non-responsive and returned unopened to the bidder.
9. This Project requires prequalification pursuant to AB 1565 of all general contractors and all mechanical, electrical, and plumbing subcontractors. If required, Prequalification can be completed using the online prequalification system at [www.qualitybidders.com](http://www.qualitybidders.com). A bid package will not be accepted from any bidder that is required to submit a completed questionnaire and supporting documents pursuant to AB 1565, but has not done so at least ten (10) business days prior to the date fixed for the public opening of sealed bids or that has not been prequalified for at least five (5) business days prior to that date.
10. All bids and supporting documents shall be on the forms provided by the District. Each bid must conform and be responsive to all pertinent Contract Documents, including, but not limited to, the Instructions to Bidders.
11. A bid bond by an admitted surety insurer on the form provided by the District a cashier's check or a certified check, drawn to the order of the Bakersfield City School District, in the amount of ten percent (10%) of the total bid price, shall accompany the Bid Form and Proposal, as a guarantee that the Bidder will, within seven (7) calendar days after the date of the Notice of Award, enter into a contract with the District for the performance of the services as stipulated in the bid.
12. **A Pre-Bid Conference and Site Visit** will be held on **April 16, 2024, at 3:00 pm** at **Horace Mann Elementary School** located at **2710 Niles St, Bakersfield, CA 93306**. All participants are required to sign in front of the **Administration Building**. The site visit is expected to take approximately one (1) hour. Failure to attend or tardiness will render bid ineligible. **The Mechanical, Electrical & Low Voltage, and Demo & Abatement Bid Packages as listed on this document are required to attend if interested in bidding this project.** This meeting will be Non-Mandatory for all other Bid Packages.

**Mandatory Pre-Bid Conference - Bid Packages:**

- #HMES-01 – Demolition & Abatement; (B) or (C-21/22)
- #HMES-03 – Mechanical; (C-20)
- #HMES-04 – Electrical & Low Voltage; (C-10)

13. The successful Bidder shall be required to furnish a 100% Performance Bond and a 100% Payment Bond if it is awarded the Contract for the Work.
14. The successful Bidder may substitute securities for any monies withheld by the District to ensure performance under the Contract, in accordance with the provisions of section 22300 of the Public Contract Code.
15. The successful bidder will be required to certify that it either meets the Disabled Veteran Business Enterprise ("DVBE") goal of three percent (3%) participation or made a good faith effort to solicit DVBE participation in this Contract if it is awarded the Contract for the Work.
16. The Contractor and all Subcontractors under the Contractor shall pay all workers on all Work performed pursuant to this Contract not less than the general prevailing rate of per diem wages and the general prevailing rate for holiday and overtime work as determined by the Director of the Department of Industrial Relations, State of California, for the type of work performed and the locality in which the work is to be performed within the boundaries of the District, pursuant to section 1770 et seq. of the California Labor Code. Prevailing wage rates are also available from the District or on the Internet at: <http://www.dir.ca.gov>.
17. This Project is subject to labor compliance monitoring and enforcement by the Department of Industrial Relations pursuant to Labor Code section 1771.4 and subject to the requirements of Title 8 of the California Code of Regulations. The successful Bidder shall comply with all requirements of Division 2, Part 7, Chapter 1, Articles 1-5 of the Labor Code.
18. This Project is funded in whole or in part with federal funds, and therefore the Contractor shall comply with the Davis-Bacon Act, applicable reporting requirements, and any other applicable requirements for federal funding. Federal prevailing wage rates are available at <https://sam.gov/content/wage-determinations>
19. The District shall award the Contract, if it awards it at all, to the lowest responsive responsible bidder based on:
  - A. The base bid amount only. Please conform to the District's Bid Form specific to each Bid Package, included in section 004113 – Bid Form and Proposal.
20. The Board reserves the right to reject any and all bids and/or waive any irregularity in any bid received. If the District awards the Contract, the security of unsuccessful bidder(s) shall be returned within sixty (60) days from the time the award is made. Unless otherwise required by law, no bidder may withdraw its bid for ninety (90) days after the date of the bid opening.
21. Contract Documents are also available for purchase at Blueprint Services, 1100 18th Street, Bakersfield, CA 93301.

END OF DOCUMENT

**INSTRUCTIONS TO BIDDERS**

Bidders shall follow the instructions in this document, and shall submit all documents, forms, and information required for consideration of a bid.

Bakersfield City School District ("District") will evaluate information submitted by the apparent low Bidder and, if incomplete or unsatisfactory to District, Bidder's bid may be rejected at the sole discretion of District.

1. Bids are requested for a general construction contract, or work described in general, for the following project ("Project" or "Contract"):

**Horace Mann Elementary School – Campus HVAC System Upgrades**

This is a Multiple Prime Project delivery method. To bid on this Project, the Bidder is required to possess one or more of the following State of California Contractors' licenses(s):

**Bid Package Breakdown:**

- #HMES-00 – General Information for All Bid Packages
  - #HMES-01 – Demolition & Abatement; (B) or (C-21/22)
  - #HMES-02 – General Trade; (B)
  - #HMES-03 – Mechanical; (C-20)
  - #HMES-04 – Electrical & Low Voltage; (C-10)
  - #HMES-05 – Plumbing & Site Utilities; (C-36)
  - #HMES-06 – Carpet; (C-15)
  - #HMES-07 – Ceramic Tile; (C-54)
  - #HMES-08 – Acoustical Ceilings & Tackboards (C-2)
  - #HMES-09 – Plaster & Drywall (C-9 and C-35)
  - #HMES-10 – Painting (C-33)
  - #HMES-11 – Carpentry & Insulation (C-2 and C-5)
2. A Bidder and its subcontractors must possess the appropriate State of California contractors' license and must maintain the license throughout the duration of the project. Bidders must also be registered as a public works contractor with the Department of Industrial Relations pursuant to the Labor Code. Bids submitted by a contractor who is not properly licensed or registered shall be deemed nonresponsive and will not be considered.
  3. This Project requires prequalification pursuant to AB 1565 of all General Contractors and all Mechanical, Electrical and Plumbing subcontractors. If required, Prequalification can be completed using the online prequalification system at [www.qualitybidders.com](http://www.qualitybidders.com). A bid package will not be accepted from any bidder that is required to submit a completed questionnaire and supporting documents pursuant to AB 1565, but has not done so at least ten (10) business days prior to the date fixed for the public opening of sealed bids or that has not been prequalified for at least five (5) business days prior to that date.

4. District will receive sealed bids from bidders as stipulated in the Notice to Bidders.
  - All bids must be sealed in an envelope, marked with the name and address of the Bidder, name of the Project, the Project Number and/or bid number, and time of bid opening.
  - Bids must be submitted to the **District Maintenance, Operations and Facilities Office, 1501 Feliz Drive, Bakersfield, California 93307** by date and time shown in the Notice to Bidders.
  - Bids must contain all documents as required herein.
5. Bidders are advised that on the date that bids are opened, District Offices and services will not be available for use by bidders or their representatives.
6. Bids will be opened at or after the time indicated for receipt of bids.
7. In addition to the Bid Form and Proposal, Bidders must submit all other required District forms. Bids not submitted on the District's required forms shall be deemed nonresponsive and shall not be considered. Additional sheets required to fully respond to requested information are permissible.
8. Bidders shall not modify the Bid Form and Proposal or qualify their bids. Bidders shall not submit to the District a re-formatted, re-typed, altered, modified, or otherwise recreated version of the Bid Form and Proposal or other District-provided document.
9. Bids shall be clearly written and without erasure or deletions. District reserves the right to reject any bid containing erasures, deletions, or illegible contents.
10. Bidders must supply all information required by each Bid Document. Bids must be full and complete. District reserves the right in its sole discretion to reject any bid as nonresponsive as a result of any error or omission in the bid. Bidders must complete and submit all of the following documents with the Bid Form and Proposal:
  - Bid Bond on the District's form, or other security.
  - Designated Subcontractors List.
  - Site Visit Certification
  - Non-Collusion Declaration.
  - Iran Contracting Act Certification, if contract value is \$1,000,000 or more.
  - Federal Debarment Certification.
  - Federal Byrd Anti-Lobbying Certification, if contract value is \$100,000 or more.
11. 11. Bidders must submit with their bids cash, a cashier's check, or a certified check payable to District, or a bid bond by an admitted surety insurer of not less than ten percent (10%) of amount of Base Bid, plus all additive alternates ("Bid Bond"). If Bidder chooses to provide a Bid Bond as security, Bidder must use the required form of corporate surety provided by District. The Surety on Bidder's Bid Bond must be an



insurer admitted in the State of California and authorized to issue surety bonds in the State of California. Bids submitted without necessary bid security will be deemed nonresponsive and will not be considered.

12. If Bidder to whom the Contract is awarded fails or neglects to enter into the Contract and submit required bonds, insurance certificates, and all other required documents, within FOURTEEN (14) calendar days after the date of the Notice of Award, District may deposit Bid Bond, cash, cashier's check, or certified check for collection, and proceeds thereof may be retained by District as liquidated damages for failure of Bidder to enter into Contract, in the sole discretion of District. It is agreed that calculation of damages District may suffer as a result of Bidder's failure to enter into the Contract would be extremely difficult and impractical to determine and that the amount of the Bidder's required bid security shall be the agreed and conclusively presumed amount of damages.
13. Bidders must submit with the bid the Designated Subcontractors List for those subcontractors who will perform any portion of Work, including labor, rendering of service, or specially fabricating and installing a portion of the Work or improvement according to detailed drawings contained in the plans and specifications, in excess of one half of one percent (0.5%) of total bid. Failure to submit this list when required by law shall result in bid being deemed nonresponsive and the bid will not be considered.
14. All of the listed subcontractors are required to be registered as a public works contractor with the Department of Industrial Relations pursuant to the Labor Code.
  - An inadvertent error in listing the California contractor license number on the Designated Subcontractors List shall not be grounds for filing a bid protest or grounds for considering the bid nonresponsive if the correct contractor's license number is submitted to the District within 24 hours after the bid opening and the corrected number corresponds with the submitted name and location for that subcontractor.
  - An inadvertent error listing an unregistered subcontractor shall not be grounds for filing a bid protest or grounds for considering the bid nonresponsive provided that any of the following apply:
    - (1) The subcontractor is registered prior to the bid opening.
    - (2) The subcontractor is registered and has paid the penalty registration fee within 24 hours after the bid opening.
    - (3) The subcontractor is replaced by another registered subcontractor pursuant to Public Contract Code section 4107.
15. A mandatory pre-bid conference and site visit ("Site Visit") is required as referenced in the Notice to Bidders, and Bidders must submit the Site Visit Certification with their Bid. District will transmit to all prospective Bidders of record such Addenda as District, in its discretion, considers necessary in response to questions arising at the Site Visit. Oral statements shall not be relied upon and will not be binding or legally effective. Addenda, which may include Sign-In Sheets of said mandatory pre-bid conference, issued by the District as a result of the Site Visit, if any, shall constitute the sole and exclusive record and statement of the results of the Site Visit.

16. Bidders shall submit the Non-Collusion Declaration with their bids. Bids submitted without the Non-Collusion Declaration shall be deemed nonresponsive and will not be considered.
17. The Contractor and all Subcontractors under the Contractor shall pay all workers on all work performed pursuant to the Contract not less than the general prevailing rate of per diem wages and the general prevailing rate for holiday and overtime work as determined by the Director of the Department of Industrial Relations, State of California, for the type of work performed and the locality in which the work is to be performed within the boundaries of the District, pursuant to sections 1770 et seq. of the California Labor Code. Copies of the general prevailing rates of per diem wages for each craft, classification, or type of worker needed to execute the Contract, as determined by Director of the Department of Industrial Relations, are available upon request at the District's principal office. Prevailing wage rates are also available on the internet at <http://www.dir.ca.gov>. Federal prevailing wage rates are available at <https://sam.gov/content/wage-determinations>.

Since the Project is funded in whole or in part with federal funds, the Contractor and all Subcontractors under the Contractor shall comply with the Davis-Bacon Act, applicable reporting requirements, and any other applicable requirements for federal funding. If a conflict exists with a state requirement, the more stringent provision shall control.

18. Section 17076.11 of the Education Code requires school districts using funds allocated pursuant to the State of California School Facility Program for the construction and/or modernization of school building(s) to have a participation goal for disabled veteran business enterprises ("DVBE") of at least three percent (3%) per year of the overall dollar amount expended on projects that receive state funding or demonstrate its good faith effort to solicit DVBE participation in this Contract. In order to meet this requirement by demonstrating a good faith effort, Bidder must advertise for DVBE-certified subcontractors and suppliers before submitting its Bid. For any project that is at least partially state-funded, the lowest responsive responsible Bidder awarded the Contract must submit certification of compliance with the procedures for implementation of DVBE contracting goals with its signed Agreement. DVBE Certification form is attached. Do not submit this form with your Bid. Submit forms as directed after Notice of Award.
19. Submission of bid signifies careful examination of Contract Documents and complete understanding of the nature, extent, and location of Work to be performed. Bidders must complete the tasks listed below as a condition to bidding, and submission of a bid shall constitute the Bidder's express representation to District that Bidder has fully completed the following:
  - Bidder has visited the Site, if required, and has examined thoroughly and understood the nature and extent of the Contract Documents, Work, Site, locality, actual conditions, as-built conditions, and all local conditions and federal, state and local laws, and regulations that in any manner may affect cost, progress, performance, or furnishing of Work or that relate to any aspect of the means, methods, techniques, sequences, or procedures of construction to be employed by Bidder and safety precautions and programs incident thereto;

- Bidder has conducted or obtained and has understood all examinations, investigations, explorations, tests, reports, and studies that pertain to the subsurface conditions, as-built conditions, underground facilities, and all other physical conditions at or contiguous to the Site or otherwise that may affect the cost, progress, performance, or furnishing of Work, as Bidder considers necessary for the performance or furnishing of Work at the Contract Sum, within the Contract Time, and in accordance with the other terms and conditions of Contract Documents, including specifically the provisions of the General Conditions; and no additional examinations, investigations, explorations, tests, reports, studies, or similar information or data are or will be required by Bidder for such purposes;
- Bidder has correlated its knowledge and the results of all such observations, examinations, investigations, explorations, tests, reports, and studies with the terms and conditions of the Contract Documents;
- Bidder has given the District prompt written notice of all conflicts, errors, ambiguities, or discrepancies that it has discovered in or among the Contract Documents and the actual conditions, and the written resolution(s) thereof by the District is/are acceptable to Bidder;
- Bidder has made a complete disclosure in writing to the District of all facts bearing upon any possible interest, direct or indirect, that Bidder believes any representative of the District or other officer or employee of the District presently has or will have in this Contract or in the performance thereof or in any portion of the profits thereof;
- Bidder must, prior to bidding, perform the work, investigations, research, and analysis required by this document and that Bidder represented in its Bid Form and Proposal and the Agreement that it performed prior to bidding. Contractor under this Contract is charged with all information and knowledge that a reasonable bidder would ascertain from having performed this required work, investigation, research, and analysis. Bid prices must include entire cost of all work "incidental" to completion of the Work.
- Conditions Shown on the Contract Documents: Information as to underground conditions, as-built conditions, or other conditions or obstructions, indicated in the Contract Documents, e.g., on Drawings or in Specifications, has been obtained with reasonable care, and has been recorded in good faith. However, District only warrants, and Bidder may only rely, on the accuracy of limited types of information.
  - (1) As to above-ground conditions or as-built conditions shown or indicated in the Contract Documents, there is no warranty, express or implied, or any representation express or implied, that such information is correctly shown or indicated. This information is verifiable by independent investigation and Bidder is required to make such verification as a condition to bidding. In submitting its Bid, Bidder shall rely on the results of its own independent investigation. In submitting its Bid, Bidder shall not rely on District-supplied information regarding above-ground conditions or as-built conditions.
  - (2) As to any subsurface condition shown or indicated in the Contract Documents, Bidder may rely only upon the general accuracy of actual reported depths, actual reported character of materials, actual reported

soil types, actual reported water conditions, or actual obstructions shown or indicated. District is not responsible for the completeness of such information for bidding or construction; nor is District responsible in any way for any conclusions or opinions that the Bidder has drawn from such information; nor is the District responsible for subsurface conditions that are not specifically shown (for example, District is not responsible for soil conditions in areas contiguous to areas where a subsurface condition is shown).

- Conditions Shown in Reports and Drawings Supplied for Informational Purposes: Reference is made to the document entitled Geotechnical Data, and the document entitled Existing Conditions, for identification of:
  - (1) Subsurface Conditions: Those reports of explorations and tests of subsurface conditions at or contiguous to the Site that have been utilized by Architect in preparing the Contract Documents; and
  - (2) Physical Conditions: Those drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site that has been utilized by Architect in preparing the Contract Documents.
  - (3) These reports and drawings are **not** Contract Documents and, except for any "technical" data regarding subsurface conditions specifically identified in Geotechnical Data and Existing Conditions, and underground facilities data, Bidder may not in any manner rely on the information in these reports and drawings. Subject to the foregoing, Bidder must make its own independent investigation of all conditions affecting the Work and must not rely on information provided by District.

20. Bids shall be based on products and systems specified in Contract Documents or listed by name in Addenda. Whenever in the Specifications any materials, process, or article is indicated or specified by grade, patent, or proprietary name, or by name of manufacturer, that Specification shall be deemed to be followed by the words "or equal." Bidder may, unless otherwise stated, offer any material, process, or article that shall be substantially equal or better in every respect to that so indicated or specified. The District is not responsible and/or liable in any way for a Contractor's damages and/or claims related, in any way, to that Contractor's basing its bid on any requested substitution that the District has not approved in advance and in writing. Contractors and materials suppliers who submit requests for substitutions prior to the award of the Contract must do so in writing and in compliance with Public Contract Code section 3400. All requests must comply with the following:

- District must receive any notice of request for substitution of a specified item a minimum of **TEN (10)** calendar days prior to bid opening. The Successful Bidder will not be allowed to substitute specified items unless properly noticed.
- Within 35 days after the date of the Notice of Award, the Successful Bidder shall submit data substantiating the request(s) for all substitution(s) containing sufficient information to assess acceptability of product or system and impact on Project, including, without limitation, the requirements specified in the Special Conditions and the Specifications. Insufficient information shall be grounds for rejection of substitution.

- Approved substitutions, if any, shall be listed in Addenda. District reserves the right not to act upon submittals of substitutions until after bid opening.
  - Substitutions may be requested after Contract has been awarded only if indicated in and in accordance with requirements specified in the Special Conditions and the Specifications.
21. Bidders may examine any available "as-built" drawings of previous work by giving District reasonable advance notice. District will not be responsible for accuracy of "as-built" drawings. The document entitled Existing Conditions applies to all supplied "as-built" drawings.
  22. All questions/request for information about the meaning or intent of the Contract Documents are to be submitted via email to the **Construction Management Team – SafeworkCM: Estevan Sanchez at [estevan.sanchez@safeworkcm.com](mailto:estevan.sanchez@safeworkcm.com), Caryn Cowin at [caryn.cowin@safeworkcm.com](mailto:caryn.cowin@safeworkcm.com), Tom Anderson at [tom.anderson@safeworkcm.com](mailto:tom.anderson@safeworkcm.com), and Michael Delgado at [Michael.delgado@safeworkcm.com](mailto:Michael.delgado@safeworkcm.com).**

Please copy all questions to the Architect Team as well: **Patrick Fogarty at [pfogarty@aparchitects.net](mailto:pfogarty@aparchitects.net) and Miguel Castellanos at [mcastellanos@aparchitects.net](mailto:mcastellanos@aparchitects.net)** and the District Team: **Daniel Wastafarro at [wastafarro@bcsd.com](mailto:wastafarro@bcsd.com) and Grant Southwell at [southwellg@bcsd.com](mailto:southwellg@bcsd.com).**

Interpretations or clarifications considered necessary by the District in response to such questions will be issued in writing by Addenda and emailed, faxed, mailed, or delivered to all parties recorded by the District as having received the Contract Documents or posted on the District's website at:

**<http://mot.bcsd.com/Construction%20Consultants/22214.00-32%20Horace%20Mann%20ES%20Campus%20HVAC%20System%20Upgrades/>**

Questions received less than **SEVEN (7)** calendar days prior to the date for opening bids may not be answered. Only questions answered by formal written Addenda will be binding. Oral and other interpretations or clarifications will be without legal effect.

21. Addenda may also be issued to modify other parts of the Contract Documents as deemed advisable by the District.
22. Each Bidder must acknowledge each Addendum in its Bid Form and Proposal by number or its Bid shall be considered non-responsive. Each Addendum shall be part of the Contract Documents. A complete listing of Addenda may be secured from the District.
23. This Contract may include alternates. Alternates are defined as alternate products, materials, equipment, systems, methods, or major elements of the construction that may, at the District's option and under terms established in the Contract and pursuant to section 20103.8 of the Public Contract Code, be selected for the Work.
24. The District shall award the Contract, if it awards it at all, to the lowest responsive responsible bidder based on the criteria as indicated in the Notice to Bidders. In the

event two or more responsible bidders submit identical bids, the District shall select the Bidder to whom to award the Contract by lot.

25. Discrepancies between written words and figures, or words and numerals, will be resolved in favor of figures or numerals.
26. Bidders in contention for contract awards shall be required to attend a Post-Bid interview, which will be set within three (3) calendar days following bid opening. A duly authorized representative of the apparent low bidder is required to attend the Post Bid Interview, in person. The apparent low bidder's authorized representative(s) must have (1) knowledge of how the bid submitted was prepared, (2) the person responsible for supervising performance of the Work, and (3) the authority to bind the apparent low bidder. Failure to attend the Post Bid Interview as scheduled will be considered just cause for the District to reject the Bid as nonresponsive.
27. Any bid protest by any Bidder regarding any other bid must be submitted in writing to the District, before 5:00 p.m. of the **THIRD (3rd)** business day following bid opening.
  - Only a Bidder who has actually submitted a bid, and who could be awarded the Contract if the bid protest is upheld, is eligible to submit a bid protest. Subcontractors are not eligible to submit bid protests. A Bidder may not rely on the bid protest submitted by another Bidder.
  - A bid protest must contain a complete statement of any and all bases for the protest and all supporting documentation. Materials submitted after the bid protest deadline will not be considered.
  - The protest must refer to the specific portions of all documents that form the basis for the protest.
    - (1) Without limitation to any other basis for protest, an inadvertent error in listing the California contractor's license number on the Designated Subcontractors List shall not be grounds for filing a bid protest or grounds for considering the bid nonresponsive if the correct contractor's license number is submitted to the District within 24 hours after the bid opening and the corrected number corresponds with the submitted name and location for that subcontractor.
    - (2) Without limitation to any other basis for protest, an inadvertent error listing an unregistered subcontractor shall not be grounds for filing a bid protest or grounds for considering the bid nonresponsive provided that any of the following apply:
      - (i) The subcontractor is registered prior to the bid opening.
      - (ii) The subcontractor is registered and has paid the penalty registration fee within 24 hours after the bid opening.
      - (iii) The subcontractor is replaced by another registered subcontractor pursuant to Public Contract Code section 4107.
  - The protest must include the name, address and telephone number of the person representing the protesting party.

- The party filing the protest must concurrently transmit a copy of the protest and any attached documentation to all other parties with a direct financial interest that may be adversely affected by the outcome of the protest. Such parties shall include all other bidders or proposers who appear to have a reasonable prospect of receiving an award depending upon the outcome of the protest.
  - The procedure and time limits set forth in this paragraph are mandatory and are each bidder's sole and exclusive remedy in the event of bid protest. Failure to comply with these procedures shall constitute a waiver of any right to further pursue the bid protest, including filing a Government Code Claim or legal proceedings.
28. The Bidder to whom Contract is awarded shall execute and submit the following documents by 5:00 p.m. of the **FOURTEENTH (14th)** calendar day following the date of the Notice of Award. Failure to properly and timely submit these documents entitles District to reject the bid as nonresponsive.
- Agreement: To be executed by successful Bidder. Submit four (4) copies, each bearing an original signature. A facsimile or electronic signature shall be deemed to be the equivalent of the actual signature upon District approval.
  - Performance Bond (100%): On the form provided in the Contract Documents and fully executed as indicated on the form.
  - Payment Bond (Contractor's Labor and Material Bond) (100%): On the form provided in the Contract Documents and fully executed as indicated on the form.
  - Insurance Certificates and Endorsements as required.
  - Workers' Compensation Certification.
  - Prevailing Wage and Related Labor Requirements Certification.
  - Disabled Veteran Business Enterprise Participation Certification.
  - Drug-Free Workplace Certification.
  - Tobacco-Free Environment Certification.
  - Hazardous Materials Certification.
  - Lead-Based Materials Certification.
  - Imported Materials Certification.
  - Criminal Background Investigation/Fingerprinting Certification.
  - Site Visit Certification
  - Roofing Project Certification: from Contractor, Material Manufacturer and/or Vendor.

29. Registered Subcontractors List: Must include Department of Industrial Relations (DIR) registration number of each subcontractor for all tiers. Please note that Article 10 of the General Conditions requires submittal of a Registered Sub List within 10 days after notice to proceed.
30. Time for Completion: District may issue a Notice to Proceed within **NINETY (90)** days from the date of the Notice of Award. Once Contractor has received the Notice to Proceed, Contractor shall complete the Work within the period of time indicated in the Contract Documents.
- In the event that the District desires to postpone issuing the Notice to Proceed beyond this 90-day period, it is expressly understood that with reasonable notice to the Contractor, the District may postpone issuing the Notice to Proceed.
  - It is further expressly understood by Contractor that Contractor shall not be entitled to any claim of additional compensation as a result of the postponement of the issuance of the Notice to Proceed beyond a 90-day period. If the Contractor believes that a postponement of issuance of the Notice to Proceed will cause hardship to the Contractor, the Contractor may terminate the Contract. Contractor's termination due to a postponement beyond this 90-day period shall be by written notice to District within **TEN (10)** calendar days after receipt by Contractor of District's notice of postponement.
  - It is further understood by the Contractor that in the event that Contractor terminates the Contract as a result of postponement by the District, the District shall only be obligated to pay Contractor for the Work that Contractor had performed at the time of notification of postponement and which the District had in writing authorized Contractor to perform prior to issuing a Notice to Proceed.
  - Should the Contractor terminate the Contract as a result of a notice of postponement, District shall have the authority to award the Contract to the next lowest responsive responsible bidder.
31. District reserves the right to reject any or all bids, including without limitation the right to reject any or all nonconforming, nonresponsive, unbalanced, or conditional bids, to re-bid, and to reject the bid of any bidder if District believes that it would not be in the best interest of the District to make an award to that bidder, whether because the bid is not responsive or the bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by District. District also reserves the right to waive any inconsequential deviations or irregularities in any bid. For purposes of this paragraph, an "unbalanced bid" is one having nominal prices for some work items and/or enhanced prices for other work items.
32. It is the policy of the District that no qualified person shall be excluded from participating in, be denied the benefits of, or otherwise be subjected to discrimination in any consideration leading to the award of contract, based on race, color, gender, sexual orientation, political affiliation, age, ancestry, religion, marital status, national origin, medical condition or disability. The Successful Bidder and its subcontractors shall comply with applicable federal and state laws, including, but not limited to the California Fair Employment and Housing Act, beginning with Government Code section 12900, and Labor Code section 1735.



33. Prior to the award of Contract, District reserves the right to consider the responsibility of the Bidder. District may conduct investigations as District deems necessary to assist in the evaluation of any bid and to establish the responsibility, including, without limitation, qualifications and financial ability of Bidders, proposed subcontractors, suppliers, and other persons and organizations to perform and furnish the Work in accordance with the Contract Documents to District's satisfaction within the prescribed time.
34. Bidder expressly acknowledges that it is familiar with and capable of complying with applicable federal, State, and local requirements relating to COVID-19 or other public health emergency/epidemic/pandemic protocols.

END OF DOCUMENT

**BIDDER INFORMATION AND FORMS**

This is a Multiple Prime project Delivery Method as clarified above. Please reference the Prime Contractor package breakdown below for your use in referencing the appropriate Bid Package Scope of Work and ensure all coordination efforts as outlined are met for complete set of Contract Documents.

**Bid package Breakdown:**

- #HMES-00 – General Information for All Bid Packages
- #HMES-01 – Demolition & Abatement; (B) or (C-21/22)
- #HMES-02 – General Trade; (B)
- #HMES-03 – Mechanical; (C-20)
- #HMES-04 – Electrical & Low Voltage; (C-10)
- #HMES-05 – Plumbing & Site Utilities; (C-36)
- #HMES-06 – Carpet; (C-15)
- #HMES-07 – Ceramic Tile; (C-54)
- #HMES-08 – Acoustical Ceilings & Tackboards (C-2)
- #HMES-09 – Plaster & Drywall (C-9 and C-35)
- #HMES-10 – Painting (C-33)
- #HMES-11 – Carpentry and Insulation

END OF DOCUMENT



# **HORACE MANN ELEMENTARY SCHOOL**

## **CAMPUS HVAC SYSTEM UPGRADES**

### **BID PACKAGE #HMES-00 GENERAL INFORMATION FOR ALL BID PACKAGES**



## GENERAL INFORMATION FOR ALL BID PACKAGES

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1. **General Comment:** This document is provided to assist each Trade Contractor with outlining the scope of work as applicable to all bid packages.
  - A. It is the Contractor's responsibility to measure the site to obtain actual dimensions and assess existing conditions.
  - B. It is the contractor's responsibility to visit the school site, to review and fully understand the approved project drawings, work scope, and specifications to provide a complete proposal and successful project to the Owner. During the pre-bid jobwalk, it is expected that each potential Contractor measure, quantify, identify the existing conditions as the construction documents are not to scale. Drawings do not identify all site conditions.
  - C. Should clarification be necessary, this Contractor shall submit discrepancy or inquiry to the Construction Manager or Owner's Representative using the Pre-Bid Clarification form included in this package.
  - D. This is a Multiple Prime project. This Bid Package is responsible to coordinate their scope of work with all other Bid Packages. Each Contractor shall resolve conflicts with other Bid Package Contractors prior to commencing demolition. It is the responsibility of each Contractor to provide all necessary copies of approved submittals, shop drawings or other approved Contract documents to all other Contractors that connect or interface with work performed under each Bid Package.
  
2. **General Description:**
  - A. This bid scope of work consists of Selective Demolition and Construction necessary for the **5-Phase Modernization** of Horace Mann Elementary School. Existing Buildings B, C, D, E, M-1, M-2, and M-3 will be Modernized in **5-Phases** along with all ADA & site work, new rooftop package units, and removal of all existing outdated chiller equipment after the new equipment is approved and fully operational.
  - B. Scope also includes fire alarm system upgrade at entire campus, new acoustical ceilings, and repair of patches due to the modernization. Scope of work includes abatement as specified in the Environmental Reports provided. All contractors must adhere to the following: In order for the contractor to

enter sections of the building included in this scope of work in which has asbestos-containing materials in them, they shall have, at a minimum, the 2-Hour Asbestos Awareness Training (this training is for those who may encounter asbestos but will not be intentionally disturbing it.)

- C. Construction shall commence on **June 10, 2024**. The work of this or any other bid package must be completed according to the construction schedule included with contract documents. The construction schedule prepared by the Construction Manager, or other target dates pertaining to any work must be adhered to by the Contractor. Procurement of materials and/or equipment shall be done in a timely manner to comply with the project schedule. No extension of time will be granted unless the circumstances are within the stipulations of the General Conditions. All bid packages are contained in the Construction Manual. These Project Standards are to be made part of every Contractor's scope of work, in addition to their applicable bid package. In addition to the above, work for each specific Bid package shall include the furnishing of all labor, materials, processes, tools, equipment, safety measures, means and methods, and related items required to complete the work as shown on the drawings and set forth in the specifications referred to herein or elsewhere in the Contact Documents.
- D. Follow the timeline and duration reflected in the Preliminary Construction Schedule included elsewhere in these documents. All the work shall be commenced and completed in accordance with the start and finish dates as listed in these documents. The Prime Contractor is responsible for any overtime payments associated with the schedule and shall consider the cost as part of the proposal. Additional costs or changes to the proposed amount due to afterhours or Saturday work will not be accepted.
- E. Once all Prime Contractors are selected, the sequencing of work may change and should be accommodated within reasonable constraints of the Contract Documents. It is agreed that multiple crews may be required. The Prime Contractor shall include in the price of their proposal all overtime and weekend and/or acceleration required to complete the work in accordance with the attached schedule and the final completion date.

**3. Prime Contractor General Duties & Responsibilities:**

- A. The specific items listed herein are provided to assist the Contractor in understanding the General scope of work but are not intended to supersede any tasks required to perform work. The work will include, but not be limited to, the following: Provide all traffic control including flaggers, equipment, barricades, trench plates, delineators, caution tape, etc. as necessary and pertaining to this scope of work. At no time shall school operating hours or instruction activities be impacted as a result of construction.
  - 1. Provide all labor, equipment, materials, supervision, etc. to perform this Bid Package in its entirety.
  - 2. No deliveries shall take place during school hours to ensure safety.
  - 3. Abide by all district rules governing the safety and protection of District personnel, their consultants, students, teaching staff, administration staff. Prime Contractor is responsible for the safety

- and protection measures administered for their own work.
4. All deliveries to include at minimum (1) flagger to assist the driver and escort through campus as approved by the CM Team.
  5. Coordinate installation of any work with CM Team that crosses public paths of travel during the school year. The above-mentioned work must be complete after school hours or during the weekends to avoid path of travel disruptions. All paths of travel during construction must comply with ADA accessibility requirements at all times.
  6. Schedule of work for this bid package will be in accordance with District approved construction schedule. This will be a Multi-Phase project to account for the temporary housing/swing space. Each phase is strictly subject to the Durations indicated in the Bid Schedule provided elsewhere as part of these documents. The bidding contractor is aware that the District has a tight timeline and any cost or time impacts as a result of not meeting this deadline will be at the sole responsibility of this Prime Contractor. It is understood that the District holds a not to exceed schedule timeline and other work is affected by this project's completion.
  7. Contractor understands that it is imperative that work be completed in accordance with the scope schedule or as the work becomes available to them, whichever comes first. The Contractor will try to better the scope schedule, when or if slack or float time becomes available during the course of construction. By doing so, the Contractor agrees this is beneficial to all parties concerned to get their work finished early and agrees to not hold the District responsible for any costs associated with working out of sequence or ahead of schedule, as long as critical work durations do not change. The Contractor agrees to pursue the work aggressively as directed by the CM. If at any time the Contractor falls behind schedule, they are to provide a Time Impact Analysis (TIA) within 5 Calendar Days to shorten the impact and expedite a fully staffed crew.
  8. It assumed that any work that is behind schedule as a result of this bid package is the responsibility for additional work shifts and/or weekend shifts to bring the schedule back to the provided timelines at no additional cost to the Owner.
  9. Any expedited cost or storage cost to have project materials available in conjunction with construction will be part of this Contractor's responsibility and all delivery cost associated with materials.
  10. This Contractor shall designate a foreperson or supervisor for this Project to coordinate with all work forces, material deliveries and Contractors of this Prime Contractor. The foreperson or supervisor must be fluent in the English language and possess a cellular device to communicate.
  11. Protect existing utilities during the course of construction for this scope of work. Prime Contractor is responsible for locating all underground utilities and expose by hand operations to assure no damage is incurred.
  12. Contractor shall coordinate and be responsible for requesting all existing utilities within the area of work with the respective Bid Packages for utility safe-off and disconnections as required to complete this Scope of Work.
  13. Should any existing utility lines be disrupted during this phase after

the initial coordination meeting with the other Bid Packages, it will be the responsibility of the Contractor causing the disruption to make all repairs and restore system functionality, within the workday that it was disrupted, at no additional cost to the Owner. Should Contractor hire a utility locating service, a copy of all findings shall be made available to the CM Team/Owner.

14. Provide all hoisting, craning, erection, aids, etc. necessary for this Bid Package.
15. The Contractor shall include all mobilization charges and protection of "work-in-place" required. It is known that this project will be scheduled and completed in multiple phases and all mobilization/ demobilization/ remobilization shall capture the multiple phases to complete this project accordingly. At no time shall the District be responsible for additional costs due to scheduling requirements to meet the logistics and swing space requirements.
16. Furthermore, the sequencing of work may change and should be accommodated within the reasonable constraints of the Contract Documents. It is agreed that several areas may be under construction simultaneously and that multiple crews will be required.
17. Prime Contractor may be required to perform "out of sequence" work to satisfy phasing and school operations with multiple crews at the direction of the CM.
18. Contractor will provide only experienced, skillful craftsmen who will assure work of first-class quality and durability.
19. This Package is responsible for performing ALL corrective work necessary to add, replace, or modify any defective or deficient work already installed and as directed by the CM, Architect, or Project Inspector.
20. Prime Contractor will walk the site with the Construction Manager or Owner's Representative to establish existing conditions (i.e., damaged curbs, raveling, etc.) prior to commencing work. Prior to commencing work all existing damage shall be photographed, logged, and given to the Construction Manager or Owner's Representative. Prime Contractor will remedy any damage resulting from Prime Contractor's work. If no documentation is provided by the Contractor, then the Contractor shall assume liability for ALL damages to the buildings and site.
21. Prime Contractor is responsible for protecting all adjacent surfaces and improvements from damage caused during the performance of this work. Prime Contractor shall be responsible for all costs associated with the replacement, repair, or restoration to equal or better condition, of any damaged building or site improvements caused in the performance of this work.

22. Contractor MUST refer to all "General Notes" and "Special Notes" listed in the drawings to ensure all items listed in those referenced notes are part of the "Scope of Work."
23. Contractor MUST call "Dig Alert" prior to the Demolition Phase.
24. All work shall be performed in a manner that keeps the entire project site safely accessible to Faculty, Staff, District personnel, District's consultants, emergency personnel, students, and all contractors performing work on or around the project site.
25. Provide temporary task lighting as required to facilitate the work of this Bid Package in a timely manner and in accordance with the construction schedule. Provide sufficient task lighting to facilitate work of good quality and in accordance with the latest CALOSHA Safety Orders.
26. Provide and install any and all necessary temporary fall protection including rails, cables etc. per CalOSHA requirements. Remove at completion of this bid package.
27. Arrange and coordinate all inspection requests in writing to the Inspectors of Record and copy the Construction Manager for all inspections including third party inspections. Contractor is to assume a 48-Hour Notice for ALL Inspection Requests.
28. Contractor to reference the DSA-103 and ensure all specific special testing & inspection efforts are captured.
29. Provide all hoisting, lifts, access, etc. for the Project Inspector to review quality of work. Failure to provide access may result in an un-inspectable area.
30. If there is a conflict with any of the Contract Documents, notify the Construction Manager or Owner's Representative during the proposal process utilizing a Pre-Proposal RFI. If no clarification is issued, or the Construction Manager or Owner's Representative is not notified, you are to propose the most stringent of the conflict, discrepancy, or ambiguity.
31. Prime Contractor is responsible for all engineering, surveying, and layout for their respective scope of this package, if any.
32. Provide coordination with other Prime Contractors, Construction Manager or Owner's Representative, and public agencies, if required.
33. Include in this package storage of all materials in a weather-tight container with multiple moves as needed for the project schedule to continue. The district will not pay storage fees or material cost escalation fees so this package must make all necessary accommodations to ensure all material is safe and free of damage or will need to be replaced due to the ongoing supply chain issues.
34. Contractors are required to follow the NOAA pre-rain, rain, and post-rain event checklists to ensure no cost or schedule impacts are experienced due to inclement weather. Contractor is solely responsible for protecting new work and adjacent surfaces from any weather events entering the construction site. All post-weather work not suitable for the Inspector will be the responsibility of the Contractor to correct at no cost to the Owner as a result of lack of protection. The Baseline Schedule is to account for **22 Inclement Weather Calendar Days.**
35. All Packages are fully responsible for their own site security and locking mechanisms to prevent vandalism and/or theft. If jobsite



- equipment/materials are stolen as a result of lack of security implementation, the Contractor is fully responsible to expedite the materials for delivery and installation at no expense to the District.
36. Supply power cords, adapters, etc. as necessary to complete the work of this package in a timely manner and in accordance with the construction schedule. 110V Power will be supplied at no cost to the Contractor, however, Contractor is responsible means of getting power cords to their site locations. Contractor to supply and provide any 3-phase power required for their subcontractors and meter accordingly.
  37. This contractor shall supply, on a daily basis, daily reports to include a summary of all subcontractors and its own forces, all equipment utilized, weather conditions, summary of work conducted that day, visitors, and any other items of note. All daily reports will need to be submitted to the CM Team on a daily basis. Submission of daily reports is a condition of progress payment.
  38. All window, wall, roof, door, etc. openings must be sealed and secured at the end of every day and are the responsibility of each Contractor.
  39. All workers must sign in and out on a daily basis. First and last name is required in order to meet labor compliance requirements, and is a condition of receiving progress payments.
  40. As-built drawings must be updated on a daily basis. Current updated as-builts are a condition of progress payment.
  41. This package shall turnover any parts, manuals, etc. from manufacturer's shipping package.
  42. This Contractor shall conduct WEEKLY safety meetings with its own forces; provide copies of these Safety Meetings to the CM in order to certify to the owner that the meetings have been held as a condition of progress payment.
  43. In addition to any other warranties set out elsewhere in this Agreement, this Contractor warrants that work performed under this Agreement conforms to this Agreement's requirements and is free of any defect of equipment, material or design furnished, or workmanship performed by this Contractor, any of his subcontractor, or suppliers at any tier. Such warranty shall continue for a period of no less than 90 days from the date of final acceptance of the work but with respect to any part of the work which the District takes possession. Under this warranty, the Contractor shall remedy, at their own expense, any such failure to conform or any such defect(s). Construction Manager shall notify the Contractor in writing within a reasonable time after the discovery of any failure, defect, or damage. Should the Contractor fail to remedy any failure, defect or damage described above within a reasonable amount of time after receipt of notice thereof, Construction Manager shall have the right to replace, repair, or otherwise remedy such failure, defect, or damage at this Contractor's expense.
  44. Unless otherwise noted, the construction start and end times are from 7am-5pm and are to abide by the local Noise Ordinances and Jurisdictions.
  45. All Bid Packages are responsible for attending a Weekly Trade Meeting to review, coordinate and update the schedule, milestones, and upcoming work for proper coordination.

46. Contractor shall review and understand the site phasing plan.
47. At the end of each working day, and at completion of work, all Contractors are to remove all materials, supplies and debris as generated by their scope of work. Leave each area in a clean and acceptable condition. Failure to do so will result in the Construction Manager directing failed clean-up efforts with a 48-hour minimum correction by the Contractor and will backcharge this Prime Contractor all costs associated with the clean-up at no charge to the District.
48. Contractor shall review and understand the School Hours and Academic Calendars for the respective campus.
49. Contractors to review and understand that all items pertaining to Potential Change Orders, Proposed Change Orders, Field Directives, Proposal Requests, Immediate Change Directives, Changes & Extra Work, etc. such as identified in the Contract Documents are to comply with the following:
  - a. Provide and Receive CM Approval on the DIR Labor Rate Classifications and Hourly Rates prior to the Start of Construction for all personnel on the job.
  - b. Equipment Rates as established by the Cal Trans – Labor Surcharge & Equipment Rental Rates (2024).
  - c. Any incidentals shall not exceed \$500 per change. This shall capture any estimation fees, tools, trucks, fuel, delivery, shop drawings, submittals, reviews, etc.
  - d. Bonds & Insurance combined shall not exceed 2% of the total change amount.
  - e. General Prevailing Wage Determinations made by the Director of Industrial Relations are to be followed for all Labor Classifications. The Basic Hourly Rate shall not exceed \$25.00/ Hour as part of the additional burdened wage rate.  
**Example:** Carpenter Determination – SC-23-31-2-2022-2  
Basic Hourly Rate @ \$47.24  
Health & Welfare, Pension, Vacation & Holiday, Training, Other @ \$ 25.00/ Hour  
Total Allowable Hourly Rate @ \$72.24/ Hour

**END OF SECTION**



# **CAMPUS HVAC SYSTEM UPGRADES**

## **BID PACKAGE #HMES-01 DEMOLITION & ABATEMENT**

### **SCOPE OF WORK**



**BID PACKAGE #HMES-01**  
**DEMOLITION & ABATEMENT**  
**SCOPE OF WORK**

**PRIME CONTRACTOR**  
*(Prime must possess a **Class A or B** License)*

Spec. Section	Description	Spec. Section	Description
Division 00	Procurement and Contracting	*Division 09	Finishes
Division 01	General Requirements	*Division 10	Specialties
02-41-19	Selective Demolition	*Division 11	Equipment
*Division 03	Concrete	*Division 22	Plumbing
*Division 05	Metals	*Division 23	Heating, Ventilating, & Air-Cond.
*Division 06	Wood, Plastics, and Composites	*Division 26	Electrical
*Division 07	Thermal & Moisture Protection	*Division 32	Exterior Improvements
*Division 08	Openings	*Division 33	Utility Materials
<i>* As applicable to work within this Bid Package.</i>			

**ATTACHMENT(S):**

- SUMMARY OF COMPREHENSIVE ASBESTOS, LEAD, PCB, MERCURY & FLUORESCENT LIGHT TUBE INSPECTION FINDINGS (YES ENVIRONMENTAL, INC.; DATED JUNE 2023)
- LEAD REMEDIATION SCOPE OF WORK (YES ENVIRONMENTAL, INC.; DATED MARCH 28, 2024)
- ASBESTOS REMEDIATION SCOPE OF WORK (YES ENVIRONMENTAL, INC.; DATED MARCH 29, 2024)

**Demolition & Abatement (Trade Specific) Scope of Work:**

1. This Bid Package shall be responsible for the Demolition and Hazardous Abatement for all other components not specified within this scope of work yet reflected in the Contract Documents. Any questions regarding scope of work are to be addressed as part of the Pre-Bid Clarification period to be answered prior to Bid.
2. Contractor to coordinate with Bid Packages for all work with Construction Manager, Inspector of Record, and Owner in a Pre-Demolition Conference.
3. Remove exposed piping, valves, meters, equipment, supports, and foundations of disconnected and abandoned utilities.
4. Contractor to obtain approval prior to site cutting or making adjustments not scheduled.
5. Contractor to provide all permits required for this package at no cost to the District.

6. Contractor shall provide all labor, material, equipment, and disposal necessary to perform the demolition of all structures, walls, roofs, utilities, hardscape, landscape, irrigation, plaster, site features, and all other components necessary to construct the new work.
7. This Contractor to assume a minimum of **75SF** per each selective demolition as indicated in the drawings or not that will require new work. This assumption per each location will cover all new framing, backing, rough-in, etc. for a complete working system of the new work.
8. This Bid Package is responsible for the Hazardous material abatement and proper disposal as specified in the abatement plan provided.
9. Demolition and removal of structures (including footings), HVAC equipment, fencing, landscaping, irrigation, hardscape, wheel stops, bollards, housekeeping pads, soil and any other items on site, as indicated in the Contract documents.
10. Contractor shall notify all local utility companies including but not limited to the Local Water/ Electricity/ Gas/ Telephone Companies as required for the new extents of all Demo work. All excavation work shall be approved by all utility companies to assure prevention of interruption of existing services prior to start of work.
11. This Contractor is to coordinate the Landscape & Irrigation demolition and removal efforts with the District's grounds/ maintenance crew to ensure all irrigation lines reflected to be removed are disconnected from the main irrigation timer/ controller to prevent any campus interruptions.
12. This Prime Contractor is responsible for demo, saw cut, layout, and removal from the project site all existing structures, existing asphalt, base material, and sub-base material. Any parking bumpers, bollards, fence posts, signs, drinking fountains and walls, debris, and miscellaneous items as noted on the drawings that are within this Prime Contractors limits of new work shall be demolished and removed by this Prime Contractor.
13. The Prime Contractor is responsible for walking the site to familiarize themselves with the existing conditions and required demolition. All site clearing and coordination shall comply with respective governing public agencies and is the responsibility of this Prime Contractor whether noted on the drawings or not.
14. All Classroom Sinks are to be demolished and removed as required to bring them up to ADA Code and Compliance. Coordinate this work with the necessary Bid Packages for extents. This is not part of the Additive Alternate however, ADA Code Compliance.
15. The District intends to have Dedicated Outlets for their Google Chromecast Carts at the Teacher Stations. This package to include any required demolition with the coordination with the Electrical for the locations and wall demolition extents.
16. When there is phasing involved, saw cut all the limits to provide clean separation and provide temporary AC ramp for any grade difference on all edges.
17. The HVAC ducting will be removed only as far as designated by the Mechanical Bid Package for their new scope of work. Both bid packages will need to work closely together. This package is to safely remove all HVAC refrigerant from equipment being demolished and comply with all hazardous material removal permits, notifications, manifestations, etc.
18. This Bid Package is responsible for all Chiller Yard demolition efforts as indicated in the Contract Documents. This package is responsible for phasing out the work to minimize campus disruptions of shutdowns.
19. At no time shall it be acceptable to leave obstructions sticking outside of the surface. All demolished items are to be ground flush and/or below finish grade.
20. Coordinate utility safe-off/de-energizing of components with Bid Packages.
21. This package to coordinate with the MEP Bid Packages to receive layout for all roof, walls, or ceilings openings with respect to the demolition component. All roof openings shall be clearly marked for MEP Bid Package buy-off.
22. This package shall be responsible for the demolition and removal of all existing concrete utility trenches, piping, supports, and associated anchorage with steel covers/angles in its

- entirety. Coordinate the utility line safe-off and shut down with the other packages to allow for this work to take place.
23. This Package to coordinate the demolition extents of all Restroom Modernizations with ALL Bid Packages to ensure all existing sinks, lavatories, fixtures, ceramic tile, floor and wall finishes, backing openings, etc. are demolished to the extents of the new work. Contractor to coordinate and include all floor, wall, concrete, curb, etc. demolition for the new work.
  24. Provide cutting for all Bid Packages as required and account for multiple mobilizations.
  25. Provide and install any and all necessary temporary fall protection including rails, cables etc. per Cal OSHA requirements. Remove at completion of this bid package.
  26. This package shall coordinate all "Remove & Reinstall" with the applicable Bid Packages. Contractor to remove equipment, materials, and supplies temporarily removed for protection shall be replaced in original locations. Coordinate all items that will be inventoried, stored, and re-installed with all Bid Packages.
  27. Contractor to remove existing glazed wall tile as required.
  28. Contractor to remove cement plaster finish at soffits as noted in the Contract Documents.
  29. Contractor to remove, salvage and deliver to owner all noted signage.
  30. Contractor to remove and salvage existing 2x furrings, finish and insulated R-19 thermal insulation at attic.
  31. Contractor to remove existing air purifier system at existing ceilings indicated to be removed on the plans.
  32. Contractor to salvage ultraviolet air fixture as noted on the plans.
  33. Contractor to remove all existing wall electrical outlets and switches.
  34. Protect all existing classroom carpet to remain with RAM board prior to demobilizing.
  35. Contractor to remove heavy duty existing carpet and adhesive at removed doors.
  36. Aside from the Bid Alternates, all Restroom Doors, Frames, and Hardware are to be removed in its entirety as scheduled with the CM Team for replacement. This is part of the Base Bid Amount.
  37. All ADA Classroom sink adjustments will be part of the Base Bid Amount to the extent of ADA Accessibility and clearance requirements. All other casework and shelving is to be submitted as part of a Bid Alternate as clarified in the Bid Proposal Form.
  38. This Bid Package shall be responsible for ALL project related Demolition & Removals including but not limited to: HVAC Equipment, Ductwork, Straps, Louvers, Plumbing Fixtures, Plumbing Hardware, Associated MEP Equipment, Piping, & Accessories, Electrical Equipment, Conduits, Boxes, Devices at Walls & Ceilings, MEP Straps/ Hangers/ Anchors, Fasteners, Existing Utility Lines, Grind Existing Floor As Required for New Level Floor Finishes, Flooring (Carpet, HD Carpet Tiles, UCMT, Vinyl, Setting Beds, Etc.), Wall Base, Flooring Mastics/ Adhesives for New & Level Carpet or Ceramic Tile Finishes, Ceramic Tile Flooring & Walls, 2-Layer Plywood at Certain Classroom Projector Locations, Door Stops, Anchors, Fasteners, Connectors, Acoustical Ceilings & Grid, Exterior & Building Signage, Underlayments, Headers, All ADA Parking Lot Items (Wheel Stops, Truncated Domes, Cut Pathways to Meet ADA as required), Partition Walls, Concrete Curbs, Restroom Fixtures and Accessories (Hand Dryers, Paper Towels, Soap Dispenser, Feminine Hygiene Dispensers, Toilet Paper Dispensers, Toilet Seat Cover Dispensers, Mirrors, Etc.), Exposed Conduits & Wiring, Hardscape Sawcut to Nearest Joint Lines for all Mechanical/Electrical/Plumbing, Demolition of all Concrete/Asphalt Sawcut Limits to allow the MEP Bid Packages to perform their work, CMB/CAB Base Removals, Light Fixtures, HVAC Registers, Insulation, Low Voltage/Fire Alarm Devices Conduits & Boxes, ADA Path-of-Travel as Indicated, Truncated Domes, Parking Signage, Entrance Signage, Concrete Slab Removals for new Plumbing Alterations, Existing Air Purifier Systems at Ceilings, Wireless Access Points/ Nodes Conduits & Boxes, Speakers & PA Systems Conduits & Boxes, Surface Mounted Components, Suspended Ceiling Systems in its Entirety (Splay Wires, Hangers, Anchors, Furring Strips, Ceiling Grid, Tiles, Supports,

Etc.), HVAC Diffusers, Reducer Strips, Floor Accessories, Thresholds, Concrete Slabs in its entirety, Concrete Landings in its entirety, Concrete Utility Trenches in its entirety, All Light Fixtures, Gypsum Board & Substrates, Walls, Ultraviolet Air Fixtures Systems, Wall Removals for new Electrical Alterations, Framing, Unit Ventilators, Mechanical Piping, Condensate, Controls, Hydronic & Condensate Piping, Wall Chases, Piping Below Grade as Indicated, Exhaust Fans & Ductwork, All Vents & Piping, Mechanical-Plumbing-Electrical at all Restroom Locations as Indicated, Split Systems As Indicated, Roof Piping & Accessories Removal, Existing PFR Roofing over Comp Shingle Roof/ BUR, Roofing as Required for Roof Framing Modifications & HVAC Installations, Trim, Associated Roofing Components (Curbs, HVAC Units, Joists, Nailers, Coolants/Refrigerants, Framing as Required, Etc.). This Bid Package to familiarize themselves with all of the Contract Documents and DSA Approved Drawings to ensure all Demolition & Removal work is captured in the Bid Amount in its entirety for all components.

39. This Bid Package to review and implement the YES Environmental, Inc. – Lead Remediation Scope of Work attachment. Any questions pertaining to the report shall be addressed via Pre-Bid RFC. It is understood that this Bid Package will assume the responsibility of the Abatement efforts to safely turn this building over to all Bid Packages.
40. This Bid Package to review and implement the YES Environmental, Inc. – Asbestos Abatement Scope of Work attachment. Any questions pertaining to the report shall be addressed via Pre-Bid RFC. It is understood that this Bid Package will assume the responsibility of the Abatement efforts to safely turn this building over to all Bid Packages.

❖ **Work Performed by Others (Bid Package Specific):**

- ❖ **Mechanical (Bid Package #HMES-03) will provide:** This package is responsible for the utility safe-off of ALL equipment tied to the existing Mechanical system.
- ❖ **Electrical & Low Voltage (Bid Package #HMES-04) will provide:** This package is responsible for the utility safe-off of ALL equipment utilizing electrical power and low voltage.
- ❖ **Plumbing (Bid Package #HMES-05) will provide:** This package is responsible for the utility safe-off of ALL equipment tied to the existing Plumbing system.

❖ **ADDITIVE ALTERNATE(S):**

1. **Additive Alternate #01 – Doors, Windows, and Frames**

This Bid Package to include Additive Alternate #01 to add the Demolition component to the existing Doors, Door Frames, Windows, Window Frames, & Abatement in its entirety as specified in the Contract Documents and Hazardous Abatement Plan. **This excludes all new Restroom Doors which are a part of the Base Bid Amount.**

▪ **Additive Alternate #02 – Casework**

This Bid Package to include Additive Alternate #02 to add the Demolition component to the existing Casework, Shelving, and Abatement in its entirety as specified in the Contract Documents and Hazardous Abatement Plan. **This excludes all new ADA Classroom Sink adjustments which are a part of the Base Bid Amount.**

▪ **Additive Alternate #04 – Building M-2 & M-3 – Roofing Demolition & Abatement**

This Bid Package to include Additive Alternate #04 to add the demolition and abatement to the existing roofing at Buildings M-2 & M-3 only. **All demolition and abatement for the roof openings as reflected in the drawings are a part of the Base Bid Amount.** The District shall review all Alternates after Bids are opened and select which to proceed.

❖ **ALLOWANCE(S):**

1. **Allowance #01 – Unforeseen Conditions**

Include the sum of **\$50,000.00** in your Contract Amount for the following: Unforeseen utilities, unforeseen existing utilities investigation, necessary utility relocation, selective demolition, and other unforeseen items not identified in the Contract Documents.

**END OF SECTION**



# **CAMPUS HVAC SYSTEM UPGRADES**

## **BID PACKAGE #HMES-02 GENERAL TRADE**

### **SCOPE OF WORK**





**BID PACKAGE #HMES-02**  
**GENERAL TRADE**  
**SCOPE OF WORK**

**GENERAL TRADE CONTRACTOR**  
*(Prime must possess a **Class B** License)*

Spec. Section	Description		Spec. Section	Description
Division 00	Procurement and Contracting		08-71-00	Door Hardware
Division 01	General Requirements		08-80-00	Glass and Glazing
*02-41-19	Selective Demolition		10-00-00	Miscellaneous Items
03-10-00	Concrete Forming and Access.		10-14-23	Signs
03-20-00	Concrete Reinforcing		10-14-26	Exterior Post and Panel Signs
03-30-00	Cast In Place Concrete		10-21-13	Toilet Compartments
05-12-00	Structural Steel		10-28-00	Toilet and Bath Accessories.
05-50-00	Metal Fabrications		11-71-00	Portable Assistive Listening Dev.
07-25-00	Weather Barriers		*Division 22	Plumbing
07-27-00	Firestopping		*Division 23	Heating, Ventilating, & Air-Cond.
07-57-20	Polyurethane Foam Roofing		*Division 26	Electrical
*07-92-00	Joint Sealants		32-12-16	Hot-Mix Asphalt Paving
08-11-13	Standard Steel Doors & Frames		32-13-13	Portland Cement Concrete Paving
08-14-16	Flush Wood Doors		32-31-13	Chain Link Fences and Gates
*08-31-13	Access Doors		*Division 33	Utility Materials
08-51-13	Aluminum Windows		<i>*As applicable to work within this Bid Package.</i>	

**ATTACHMENT(S):**

- SUMMARY OF COMPREHENSIVE ASBESTOS, LEAD, PCB, MERCURY & FLUORESCENT LIGHT TUBE INSPECTION FINDINGS (YES ENVIRONMENTAL, INC.; DATED JUNE 2023)
- LEAD REMEDIATION SCOPE OF WORK (YES ENVIRONMENTAL, INC.; DATED MARCH 28, 2024)

❖ **General Trade (Trade Specific) Scope of Work:**

1. This Bid Package shall be responsible for the General Trade for all other components not specified within this scope of work yet reflected in the Contract Documents. Any questions regarding scope of work are to be addressed as part of the Pre-Bid Clarification period to be answered prior to Bid via Addendum.

2. General Trade Contractor will coordinate as required with all bid packages with relation to scopes, laydown areas, and storage.
3. Contractor to coordinate and participate in the Pre-Demolition Conference with the Demolition Bid Package to review all new installation work with Construction Manager, Inspector of Record, Owner, and all Bid Packages to ensure demolition efforts are met for new work to be installed by this Bid Package.
4. Contractor shall repair or replace any existing or new construction that is damaged from water intrusion due to failure of required weather protection at contractor's expense.
5. This Contractor shall assume a minimum of **75 SF** per each selective demolition effort, whether indicated in the drawings or not, that will require new work patch back at the floors and/or walls. This assumption per each location will include, but is not limited to; roofing, ceramic tile, or other such patch locations part of this package.
6. General Trade Contractor to provide, install, and maintain all Storm Water Pollution Prevention (SWPPP) and erosion control devices including sand/gravel bags at site perimeter and trackout control and maintenance from project start through the duration of construction. This package is to remove these devices and clean the site at the end of the project.
7. Contractor to provide all weather protection to all areas within the project scope that could be affected by rain, snow, wind, heat, etc.
8. This Contractor is responsible for coordinating with the Demolition Bid Package to review all items noted to be removed and re-installed. Contractor shall provide all necessary inventory, equipment to relocate, palletize, secure in a weathertight container, and notify the District of placement locations for confirmation.
9. This Package to coordinate the demolition and new work extents of all Restroom Modernizations for structural steel columns, concrete slab patch backs, accessories, hand dryers, ADA adjustments, partitions, etc.
10. Provide and install all Structural Steel components as reflected in the Contract Documents. Provide all steel/metal for a complete Structural Steel System including but not limited to fabrication, erection, top plate to existing wall connections, structural framing, shop/field welding, equipment, hoisting, generators, galvanizing, field welding, rolled shapes, anchors, embeds, plates, pipes, square and rectangular tubing, angles, stiffener plates, tension washers, concrete embeds, inserts and sleeves, lag bolts, screws, base plates, templates, etc.
11. All Structural and Framing components required for the new rooftop equipment and stud walls for new ductwork shall be provided and installed under this package. This package to reference all Architectural and Structural Drawings to ensure all Truss reinforcements, supports, framing, structural components, etc. are captured under this Bid Package. Coordinate this work with the Mechanical Bid Package.
12. This contractor to coordinate, provide, and install all rough hardware, bent or otherwise custom fabricated bolts, hold-down bolts, hangers, and other miscellaneous steel and/or iron shapes, or any other fasteners that is required.

13. This package is responsible for general project cleanup, as well as performing one (1) White Glove Cleaning per Construction Phase at the completion of each project phase.
14. This package is responsible to provide and install all underground utility patch backs for any concrete and/or asphalt and base materials/subgrade preparation as outlined per the Contract Documents following the backfill of all underground utility work as performed by the MEP Bid Packages.
15. This package is responsible for any and all items that are to be salvaged and reinstalled or returned to the owner under its respective Spec. Sections.
16. Provide all temporary power components required for this work.
17. Provide all temporary water required to complete the work of this Bid Package.
18. This Contractor to reseal all Exterior Door & Window Frames with ES4 Sealant as indicated in the Contract Documents.
19. Patch concrete floors flush to match adjacent finish where items indicated to be removed (Chiller Yard, Classrooms, Exteriors, Floors, Walls, Restrooms, etc.). Rated walls to be patched or sealed with materials to maintain required wall rating as indicated.
20. Contractor to patch all Restroom removal items as reflected in the Contract Documents. All existing removed partitions, accessories, ADA items, etc. shall be patched back to match existing finishes.
21. This Package shall be responsible for holding Pre-Work Conference Meetings with all Bid Packages to coordinate the new work to be installed. For example, a Pre-Roofing Conference shall be held for the Roofing Installation with the MEP Bid Packages to ensure all proper sleeves and boots are installed as required.
22. This package to provide all Assistive Listening Devices as reflected in the Contract Documents for all Classrooms.
23. Furnish and installation of new metal guard rails, handrails, metal gates, hot-dip galvanized finish, chain link fencing and gates and associated hardware in accordance with the contract documents.
24. All exterior metals are to be hot dip galvanized as noted in the contract documents. The painting of all exterior metals, bollards, handrails, etc. shall comply with the Contract.
25. General Trade Contractor to schedule a shop inspection with IOR during all metal fabrications prior to start.
26. Include in this package all Structural Steel components that will require Concrete work such as formwork, layout, coordination, excavations, backfill, soils export, sonotubes, reinforcements, concrete curbs, anchors, embeds, base plates, high strength grout, etc.
27. This package to include concrete footings, concrete curbs, sill plates, embeds, anchors, top plates, depressions where required, reinforcements, excavations, backfill, spoil removals,
28. Provide and install all new signs as shown in the contract documents, including all interior and exterior accessibility, exterior panel signs, identification, directional and informational signage.
29. This package is responsible for all Chain Link Fences, Gates, Hardware, Posts, Post Footings, Layout, Coordination, Soils Spoils Removal, Horizontal Intermediate Posts, etc. for a complete Chain Link Fence & Gate System as indicated in the Contract Documents.

30. General Trade Contractor to furnish and install all parking ADA work as indicated in the drawings including, but not limited to: wheel stops and anchors, striping, rework of any ADA slope percentage issues, survey, layout, signage, crosswalks, tactile warning surfaces, restriping limits, etc. Include in the price all patch back efforts from the removed tactile warning surfaces, wheel stops, signage, etc. are the responsibility of this package.
31. This Contractor shall coordinate with the Demolition Package to ensure all removal efforts for the existing parking lot to receive new finishes by this Package.
32. Contractor to install items plumb and level, accurately fitted from distortion of defects.
33. This package is responsible for ALL fireproofing smoke-stopping, firestopping, fire barrier sealants, metal fillers, etc. as required by the Contract Documents and by code, of penetrations at the walls and/or ceiling spaces as required to maintain the building's fire rating per code and DSA requirements. The MEP Packages shall install firestopping/fire caulking at their penetrations only.
34. This package shall provide and install joint sealants for their new work.
35. Coordinate with all Bid Packages as to the dimensions, layout, plumbing, electrical, openings, etc. requirements of structural framing at HVAC units to ensure proper opening size, curb layout, flashing and roofing. Installation of flashing is included in this contractor's scope.
36. Attend the "pre-job" roofing inspection, which shall be held prior to the start of work. This Contractor, the Inspector of Record (IOR), the Roofing System Manufacturer Representative, and other interested parties, as required, shall be present. A water test is to be performed at the completion of all roofing components on this project (multiple phases) with the Roofing System Manufacturer present to document the repairs if needed and ensure warranty is in place.
37. This Contractor is responsible to provide and install a watertight and warrantable roofing system and to coordinate all other related contractor installed items. Prior to roofing acceptance, this package to coordinate a water test on all new and repaired roofing scopes with the CM, IOR, & AOR. Contractor to make any correction required to insure a watertight roof at completion of work for the warranty in a timely manner.
38. This Bid Package shall perform ALL Roofing Patchbacks for ALL MEP Contractors for their new work and warranty as clarified above.
39. This package will provide and install all roof penetrations, anchors, cutting, patching, blockouts, flashings, crickets, rigid insulation, underlayments, plywood sheathing, nailers, weather protection, roof openings, leveling of the prefabricated curbs, etc. Coordinate all work with the Carpentry and Insulation Trade package.
40. Prime Contractor to provide and install all sheet metal work including but not limited to: scuppers, fascia's and roof edge flashings, all blocking, strapping and attachments, shim supports, backer board, splash pans, 22ga. covers and closures, connections to leaders and downspouts, roof gutters, sealants, etc. for a complete system from roof to drains.
41. Prime Contractor will provide and install all required roof accessories to complete roof with the understanding that only the Prefabricated Structural Roof Curbs which are part of Mechanical will be furnished and installed by the

- Mechanical Package. Coordination with this work is the responsibility of both packages for all roof repairs. This package shall coordinate with the Mechanical-HVAC Trade Package for ensuring the new Mechanical curbs are framed correctly and slope in the correct location for installation.
42. Contractor to provide and install all roofing including but not limited to foam roofing and rigid roof insulation, base sheets, roofing membrane plies, flashing, asphalt, auxiliary roofing membrane, adhesives, plywood, underlayments, joint sealants, expansion joints, testing, warranties, fasteners, mastics, misc. accessories, etc. as per Contract Documents.
  43. Provide and install all flashings, counter flashing, reinforcements, flashings at reglets, coping, sill & jamb flashing, ice/water shields, edge metals, Z metal, cant strips, concrete fill and/or grout, and other appurtenances or accessories required for this bid package to provide a weather tight assembly as specified in Division 7.
  44. Contractor to store and re-install all salvaged existing floor mounted door stops and thresholds at flooring indicated to be removed.
  45. All Restroom Doors (Steel, Hollow Metal, & Wood), Frames, hardware and cores, shims, anchors, door contacts, etc. for a complete system are to be provided and installed in the Base Bid Amount. Review all Alternates.
  46. General Trade Contractor is responsible for achieving all ADA compliance requirements. If General Trade Contractor fails to achieve ADA compliance, General Trade Contractor is subject to replacing non-compliant portions of work to achieve DSA Approval.
  47. General Trade Contractor is responsible for all fine grading under proposed curbs, slabs, hardscape, landscape, etc. to receive the new finish surface as supplied under this package as well.
  48. General Trade Contractor to provide photo documentation of existing ADA Parking Lot striping. General Trade Contractor shall be responsible for all layout, design, and coordination in accordance with industry standards and to meet all current ADA requirements. Once the pavement striping layout is completed, General Trade Contractor shall receive approval of Construction Manager or Owner's Representative prior to seal/painting.
  49. Provide and install all site and building concrete, concrete paving, sand section under, CMB or CAB as noted below slabs, adequate slopes to prevent free standing water, curing compounds, housekeeping pads, restroom curbs, restroom slabs patchback, underground trenching patchback for either asphalt or concrete, ADA ramps, cast-in-place truncated domes, tactile warning surfaces, and all site pads including utility pads as indicated in contract plans including forming, pouring concrete, reinforcing mesh and/or rebars, epoxy dowels, expansion joints, felt, Sikaflex, saw-cut, caulking, complete in place.
  50. Provide and maintain all temporary protection, delineation and signage required to divert traffic from newly paved, slurry seal coat, fresh concrete, and/or painted work. Coordinate with District as necessary for school operations.
  51. Provide and install all asphalt ramped or sloped edges around all sides of handicap ramps that protrude from sidewalks.
  52. The General Trade Contractor is to provide and pay for the concrete washout pan for all concrete pouring operations and safely dispose of all waste.

53. Provide all work as necessary for all base course (CMB & CAB) and asphalt paving and/or patching, asphaltic seal coat, A/C paving, header board installation. All asphalt paving as identified in the contract documents.
54. Provide and install all new signs as shown in contract documents that are located in asphalt area scope of work.
55. All asphalt paving shall be terminated against an acceptable redwood or Douglas fir header as required when no hardscape is present.
56. General Trade contractor is responsible for engineering, surveying, and layout for the scope of this work. General Trade Contractor shall provide surveying and existing grades/elevations to document existing paving areas and ensure proper drainage while achieving ADA requirements. General Trade Contractor shall ensure that the new site surfaces flow and drain properly with no ponding.
57. Contactor to provide and install all Specialties including but not limited to: interior & exterior building signage, building identification, toilet compartments, coat hooks, toilet accessories, classroom/restroom soap & paper towel dispensers, fire extinguishers and cabinets, window curtains & tracks, curtain drapes, site furnishings, joint sealants, corner guards, projection screens, door stops, and other accessories required for this package. This Contractor to install all backing, framing, gypsum board, finishes, etc. as required to properly install the work noted above.

❖ **WORK PERFORMED BY OTHERS (Bid Package Specific-Reference the Above):**

**1. Demolition & Abatement (Bid Package #HMES-01) will provide:**

- a. This Package shall provide all selective demolition efforts as noted in the Contract Documents. It is the responsibility of all Bid Packages to accurately coordinate all new work with the Demolition Bid Package to ensure all items are demolished and removed for a complete system.
- b. This Package shall provide all necessary Hazardous Materials Abatement as noted in the YES Environmental, Inc. Summary Plan.

❖ **ADDITIVE ALTERNATE(S):**

**1. Additive Alternate #01 – Doors, Windows, and Frames**

This Bid Package to include Additive Alternate #01 to add in their scope the New Doors, Door Frames, Windows, and Window Frames in its entirety as specified in the Contract Documents. **This excludes all new Restroom Doors which are a part of the Base Bid Amount.**

**2. Additive Alternate #02 – Door Hardware**

This Bid Package to include Additive Alternate #02 to add in their scope the New Door Hardware in its entirety as specified in the Contract Documents. **This excludes all new ADA Classroom Sink adjustments which are a part of the Base Bid Amount.**

**3. Additive Alternate #04 – New Roofing @ Buildings M-2 & M-3**

This Bid Package to include Additive Alternate #04 to add new roofing to existing Building M-2 & M-3 only. All roofing patch backs for the roof openings as reflected in the drawings are a part of the Base Bid Amount.

❖ **ALLOWANCE(S):**

**1. Allowance #01 – Unforeseen Conditions**

Include the sum of **\$50,000.00** in your Contract Amount for the following: Unforeseen framing, wall furring, roofing discrepancies, repair of unidentified surfaces, ADA POT, unforeseen discoveries, unforeseen existing utilities investigation, necessary utility relocation, other unforeseen items not identified in the Contract Documents.

**END OF SECTION**



# **CAMPUS HVAC SYSTEM UPGRADES**

## **BID PACKAGE #HMES-03 MECHANICAL**

### **SCOPE OF WORK**



**BID PACKAGE #HMES-03**  
**MECHANICAL**  
**SCOPE OF WORK**

**PRIME CONTRACTOR**  
*(Prime must possess a **Class C-20** License)*

Spec. Section	Description		Spec. Section	Description
Division 00	Procurement and Contracting		08-31-13	Access Doors
Division 01	General Requirements		*09-24-00	Lath and Plaster
*02-41-19	Selective Demolition		*09-29-00	Gypsum Board Assemblies
*Division 03	Concrete		*09-51-13	Acoustical Panel Ceilings
*06-10-00	Rough Carpentry		*09-51-23	Acoustical Tile Ceilings
*06-20-00	Finish Carpentry		10-36-00	Louvers and Vents
*07-25-00	Weather Barriers		*Division 22	Plumbing
07-27-00	Firestopping		23-00-00	Heating, Ventilating, & Air-Cond.
07-92-00	Joint Sealants		*Division 26	Electrical

*\*As applicable to work within this Bid Package.*

**ATTACHMENT(S):**

- SUMMARY OF COMPREHENSIVE ASBESTOS, LEAD, PCB, MERCURY & FLUORESCENT LIGHT TUBE INSPECTION FINDINGS (YES ENVIRONMENTAL, INC.; DATED JUNE 2023)
- LEAD REMEDIATION SCOPE OF WORK (YES ENVIRONMENTAL, INC.; DATED MARCH 28, 2024)
- BCSD – OFCI – MECHANICAL EQUIPMENT LIST

❖ **Mechanical (Trade Specific) Scope of Work:**

- This Bid Package shall be responsible for all Mechanical components not specified within this scope of work yet reflected in the Contract Documents. Any questions regarding scope of work are to be addressed as part of the Pre-Bid Clarification period to be answered prior to Bid.
- Contractor to provide all permits required for this package at no cost to the District. Include preparation/submission of all paperwork (haul route maps, applications, etc.) as required by the local municipality.
- Prime Contractor is responsible to clean up and remove from site all waste generated by this work scope.



- The cut and removal of all surface, floor, or site mounted items must be grinded flush or removed below finish grade for future patch back efforts as to prevent any items protruding the finish surface.
- It is the responsibility of this Bid Package to coordinate with the District and their list of purchased Owner Furnished-Contractor Installed (OFCI) components. This list is inclusive of Mechanical Equipment (HP-1, HP-2, HP-3, EF-1, EF-2, and Thermostats). It is the responsibility of this Bid Package to ensure that all labor and equipment is captured in their bid to relocate all items as located at the Bakersfield City School District M&O Warehouse. This package is responsible for ensuring all components are delivered and installed at the required locations and necessary coordination efforts are made with all Bid Packages. Include in the bid an inventory count at the time of award, prior to delivery, and at the time of installation.
- This Contractor is responsible for coordinating with the Demolition Bid Package to review all items noted to be removed and re-installed under this Bid Package. This Contractor shall provide all necessary inventory, equipment to relocate, palletize, secure in a weathertight container, and notify the District for inventory and confirmations.
- This Package to coordinate the demolition and new work extents of all Restroom Modernizations with the applicable Bid Packages to ensure all new exhaust fans, grilles, ductwork, etc. are adequately covered as outlined in the Construction Documents.
- Provide caulking and sealants between work in this contract and dissimilar finishes including, but not limited to, drywall, plaster, trim/accessories, decking, flooring, etc.
- Include in this package storage of all materials in a weather-tight container with multiple moves as needed for the project schedule to continue. The district will not pay storage fees so this package must make all necessary accommodations to ensure all material is safe and free of damage or will need to be replaced at no additional charge.
- Provide all temporary water required to complete the work of this Bid Package.
- This Package shall be responsible for holding Pre-Work Conference Meetings with all Bid Packages to coordinate the new work to be installed. For example, a Pre-Roofing Conference shall be held for the Roofing Installation with the MEP Bid Packages to ensure all proper sleeves and boots are installed as required.
- Coordinate and provide ALL layout for the Demolition Bid Package at all roof opening locations that are required to be demolished and/or removed. Both packages to hold a roofing meeting to buy off on all layouts and locations for the new Mechanical work that will sit on the existing building roof. This coordination effort shall also include the #HMES-02 – General Trade Contractor of any patchback roofing work.
- Coordinate all required rough-carpentry and/or backing for Roof/Walls with all Bid Packages to properly install all Mechanical Components as reflected in the Contract Documents.
- Contractor to install items plumb and level, accurately fitted from distortion of defects.
- Contractor to obtain approval prior to site cutting or making adjustments not scheduled.
- This Package is responsible for providing and installing all seismic bracing, hangers, anchors, splay wires, ceiling wires, trapeze systems, coordination, layout, shot pins, testing, etc. for all new Mechanical components.
- Contractor shall notify all local utility companies including but not limited to the Local Water/ Electricity/ Gas/ Telephone Companies as required. All excavation work shall be approved by all utility companies to assure prevention of interruption of services prior to start of work.
- This Package shall provide and install ALL joint sealants as specified in their new work.
- This Package is responsible for performing and providing a Test & Air Balance (TAB) Report to the Design Team for review and approval upon each construction phase completion as to not interrupt the Campus.
- Coordinate all dimensions, layout, openings, cutsheets, requirements, etc. for roof framing at HVAC units/curbs to ensure proper opening size, curb layout, flashing and roofing with all Bid Packages.

- All open ductwork as it is being installed must be capped/ taped off at all locations. This is critical to prevent any dust exposure from entering the new ductwork. If the contractor shall fail to cap off, it is the responsibility of this Bid Package to provide intermediate and final cleaning to ensure no debris or dust remains.
- This package to coordinate all new drywall work for any needed cutouts and edge metals/ trim with all Bid Packages to ensure a complete Mechanical finish system is coordinated.
- It is the responsibility of this package to field verify exact ceiling space available for routing of new ductwork prior to start of work as well as confirming adequate roof framing for any supports as required.
- All HVAC work systems with 2000 CFM or more or service a common air space must be interconnected to shut down immediately upon alarm condition from duct detectors (or fire alarm system when using smoke detectors in lieu of duct detectors without interface from EMS or any other systems. All control relays used for shut down must be California State Fire Marshall listed for releasing service.
- This contractor to coordinate, provide, and install all rough hardware, bent or otherwise custom fabricated bolts, hold down bolts, hangers, and other miscellaneous steel and/or iron shapes, or any other fasteners that is required.
- Provide all layouts and coordination for Rough Carpentry, Blocking, and Backing to all Bid Packages prior to closing up walls.
- This package to coordinate with all Bid Packages for ensuring the new Mechanical curbs are framed correctly and slope in the correct location for installation.
- This Package is to provide and install all new Thermostats and ensure coordination with all applicable Bid Packages takes place for power, controls, wall finishes, etc.
- Abandon in Place and Utility Safe-Off all Hydronic Piping a minimum of 12” below grade prior to the Demolition & Abatement Bid Package begins demolition at the Buildings.
- Provide all necessary Cutting and Capping of Existing Hydronic and Mechanical System Components at the Chiller Yard as necessary for the Demolition & Abatement Bid Package to remove all components in a phased sequence to prevent interruptions.
- This package is to provide and install all access panels in framed walls and ceilings.
- This package is responsible for accurately decommissioning all existing Mechanical equipment in the classrooms such as the ventilators. This contractor to walk and account for this work as part of the pre-bid jobwalk and in their bid amount.
- This Package to coordinate and cut all ceiling tiles as required for the new Mechanical System such as Devices, Grilles, Registers, etc.
- This Package is responsible for providing and installing all applicable new devices, equipment, ductwork and components, etc. as reflected in the Contract Documents. Coordinate this work with Electrical & Low Voltage Bid Package to ensure all new devices and equipment requiring power and controls are accurately accounted for to establish a complete Building Mechanical System. It is the responsibility of this package to share all pertinent information for the Electrical & Low Voltage components to all Bid Packages for a complete system of the new Mechanical.
- This package shall coordinate and assist with the layout of all conduit, sleeves, cable, drain lines, condensate lines, etc. needed for their new Mechanical components in coordination with all other trades. The Electrical & Low Voltage Bid Package shall install all conduits, pull wire, and connections in coordination with this Bid Package. The Plumbing Bid Package shall install all condensate and drain lines in coordination with this Bid Package.
- Prime Contractor to provide complete Heating, Ventilating, & Air Conditioning Systems, including but not limited to all supervision, layout, installation, fittings, fixtures, equipment, joint sealants, firestopping, sleeves, ductwork, grilles, louvers, vents, smoke seals, hangers, supports, seismic bracing/restraints markers, flashings, ductwork cleaning, insulation, testing, air balancing, training, air distribution systems, HVAC Equipment and Supports, HVAC system energy balance reporting, control conduit and wiring, control system, ductwork, fire dampers, smoke dampers, volume dampers, back-draft dampers, filters,

refrigerant piping, insulation, VAV boxes, hydrostatic piping testing, system air, temperature control system and training, FCMS, etc.

- Prime Contractor to provide and install all louvers and vents including but not limited to fabrication, joint sealant, hangers, supports, connectors, screws, fasteners, mastic, adhesives, fixed metal wall louvers, etc.
- Contractor shall verify weights of all Mechanical equipment with their manufacturer prior to start of work. If different than the weights on the drawings contractor shall inform the Architect, Structural Engineer, CM prior to start of work.
- This package shall coordinate all required structural framing for the new rooftop units with all applicable Bid Packages.
- Provide and install all roof supports for ducts, pipe, and HVAC equipment including but not limited to all vertical and horizontal steel/metal components, flashing and welding of any supports as required. Quantity of supports may not be shown - it is this contractor's responsibility to include costs for all supports needed for work in this bid package.
- Prime Contractor to provide all angles for curb as well high strength welding at angles and curb attachments on the roof above concrete roof deck as required.
- This package is responsible for the start-up, testing, air-balancing, and commissioning of the new Mechanical System as required per the Contract Documents.
- Properly coordinate the locations and dimensional requirements of all work items (i.e. piping penetrations, diameter of ducts in walls & ceilings, fire rated taping or drywall, equipment, etc.) with all other Prime Contractors so that conflicts and incorrect locations are avoided. Prime Contractor is responsible to verify/coordinate the correctness of all locations, dimensions, size of equipment/fixtures/piping/ ductwork, etc., with all other trades and building components.
- Install within the duct system all duct smoke and fire detectors. Wiring and connection of the smoke/heat detectors to the fire alarm system, within the duct system, shall be the responsibility of Electrical & Low Voltage Bid Package. Coordinate all work.
- Provide fire stop material and safing at all penetrations through rated walls and slabs required by this bid package to meet all code requirements. Include sealants, caulking, backer rods, fire and smoke seals, steel angles, sleeves, access doors, accessories, etc. as required for a complete installation. Include all fire barrier duct wrap with associated sealants as indicated.
- The location, configuration, size and height of all roof equipment, curbs and associated sheet metal flashings and ductwork penetrations shall be fully compatible with the roofing system and roofing manufacturer's warranty and shall be approved by the prior to installation. The design, proper sequence and installation of flashings shall be coordinated with the installation of the roofing system. The minimum height of all penetrations, curbs, platforms and equipment shall be eight (8) inches above the highest point of the finished roof surface.
- Provide all factory finishes, paint and prime coats for HVAC work as specified.
- Prior to Construction Start, a Pre-Construction Air-Flow Reading shall be performed for reference and purposes only. The system is not required to be balanced prior to construction start. Provide this report to the District and Design Team upon completion.
- Provide and install construction filters on all equipment during the construction period and initial start-up procedures. Use disposable filter media to protect construction filters during initial equipment start-up and testing. Final filters to be installed immediately preceding Owner Occupancy.
- Protect roof system during HVAC installations. Prime Contractor to pay for any damage or wear to the roof caused during its installation.
- Locate and coordinate all line (power) voltage requirements and disconnects to ensure proper placement for all conduit with the Electrical & Low Voltage Bid Package.
- Locate and coordinate all roof penetrations for gas lines, condensate lines, and secondary drains/pans to ensure proper placement by the Plumbing Bid Package.

- Prime Contractor to provide final cleaning of all equipment, ductwork, registers and diffusers 1 week prior to District Occupancy.
- Provide Air-Balancing in accordance with specifications and commissioning requirements.
- Provide and install temporary protection and weatherproofing of roof openings and penetrations related to HVAC equipment.
- Provide and install all motor starters for all HVAC equipment. Electrical tie-in of motor starters will be by the Electrical & Low Voltage Bid Package. This Prime Contractor to verify proper rotation.
- Prime Contractor to furnish and install all specified labeling, stenciling, tagging identification of equipment and all systems installed in this bid package.
- Provide conduit, sleeves and refrigerant piping including below slabs and crawl spaces.
- Oversee the start-up and commissioning of all equipment and systems provided by this Bid Package. Coordinate with all Bid Packages during troubleshooting and system start up. Perform all shut-downs and tie-ins during off hours or weekend to accommodate the District or the project schedule. Have a representative onsite during ALL testing as needed to facilitate and close out commissioning.
- Do not close, shut off, or disrupt existing utility branches or take-offs that are in use without at least 3 days prior written notification to District.
- District will be responsible for removing the ceiling ionizers prior to start of construction. This package to ensure the proper Mechanical components as required are implemented to reinstall and deliver from the BCSD District Warehouse to the jobsite. Assume any coordination needed for a complete system with all Bid Packages for start up.

❖ **Work Performed by Others (Bid Package Specific-Reference the Above):**

**A. Demolition & Abatement (Bid Package #HMES-01) will provide:**

1. This Package shall provide all selective demolition efforts as noted in the Contract Documents. It is the responsibility of all Bid Packages to accurately coordinate all new work with the Demolition Bid Package to ensure all items are demolished and removed for a complete system.
2. This Package shall provide all necessary Hazardous Materials Abatement as noted in the YES Environmental, Inc. Summary Plan.

**B. Electrical & Low Voltage (Bid Package #HMES-04) will provide:**

1. This package is responsible for the utility safe-off of ALL equipment utilizing electrical power and low voltage prior to demolition.
2. This package shall install all conduits, sleeves, pull wire, wire, cable, controls, EMS/BMS tie-ins, connections, etc.

**C. Plumbing (Bid Package #HMES-05) will provide:**

1. This Package shall decommission/ de-energize all Mechanical equipment with any condensate, drainage, plumbing components prior to demolition.
2. This Package shall provide and install all condensate lines or drain lines as required for the new Mechanical Equipment. Coordinate all work with the Plumbing-Mechanical Bid Package for a complete system.

❖ **ALLOWANCE(S):**

▪ **Allowance #01 – Unforeseen Conditions**

Include the sum of **\$50,000.00** in your Contract Amount for the following: Unforeseen discoveries, unforeseen existing utilities investigation, necessary utility relocation, other unforeseen items not identified in the Contract Documents.

**END OF SECTION**



# **CAMPUS HVAC SYSTEM UPGRADES**

## **BID PACKAGE #HMES-04 ELECTRICAL & LOW VOLTAGE**

### **SCOPE OF WORK**



**BID PACKAGE #HMES-04**  
**ELECTRICAL & LOW VOLTAGE**  
**SCOPE OF WORK**

**PRIME CONTRACTOR**  
*(Prime must possess a Class C-10 License)*

Spec. Section	Description	Spec. Section	Description
Division 00	Procurement and Contracting	08-31-13	Access Doors
Division 01	General Requirements	*09-29-00	Gypsum Board Assemblies
*02-41-19	Selective Demolition	*09-51-13	Acoustical Panel Ceilings
*Division 03	Concrete	*09-51-23	Acoustical Tile Ceilings
*06-10-00	Rough Carpentry	*09-77-23	Vinyl Covered Tack Board
*06-20-00	Finish Carpentry	22-00-00	Plumbing
07-27-00	Firestopping	*Division 23	Heating, Ventilating, & Air-Cond.
07-92-00	Joint Sealants	*Division 26	Electrical
*08-11-13	Standard Steel Doors & Frames	*Division 32	Exterior Improvements
*08-14-16	Flush Wood Doors	*Division 33	Utility Materials

*\*As applicable to work within this Bid Package.*

**ATTACHMENT(S):**

- SUMMARY OF COMPREHENSIVE ASBESTOS, LEAD, PCB, MERCURY & FLUORESCENT LIGHT TUBE INSPECTION FINDINGS (YES ENVIRONMENTAL, INC.; DATED JUNE 2023)
- LEAD REMEDIATION SCOPE OF WORK (YES ENVIRONMENTAL, INC.; DATED MARCH 28, 2024)
- BCSD – OFCI – MECHANICAL EQUIPMENT LIST
- BCSD – OFCI – ELECTRICAL EQUIPMENT LIST
- PG&E – NEW ELECTRICAL SERVICE – CONSTRUCTION SKETCH

❖ **Electrical & Low Voltage (Trade Specific) Scope of Work:**

1. This Bid Package shall be responsible for all Electrical & Low Voltage (Data, PA, Speakers, Fire Alarm, Security, Etc.) components not specified within this scope of work yet reflected in the Contract Documents. Any questions regarding scope of work are to be addressed as part of the Pre-Bid Clarification period to be answered prior to Bid.
2. Contractor to provide all permits required for this package at no cost to the District. Include preparation/submission of all paperwork (haul route maps, applications, etc.) as required by the local municipality.

3. Perform exploratory investigation to locate exact position of existing point of connection and connect new systems accordingly. Provide all connections to the existing utility lines. Include all costs associated with locating and uncovering existing lines for system tie-ins as shows on the drawings.
4. The cut and removal of all surface, floor, or site mounted items must be grinded flush or removed below finish grade.
5. It is the responsibility of this Bid Package to coordinate with the District and the Mechanical Bid Package and their list of District purchased Owner Furnished-Contractor Installed (OFCI) components. This list is inclusive of Mechanical (HP-1, HP-2, HP-3, EF-1, EF-2, PEF-1, and Thermostats) and Electrical Equipment (Panel HE, HF, HC, and HD). This package is responsible for ensuring all components are installed at the required locations and necessary coordination efforts for any Electrical & Low Voltage for a complete system.
6. This Contractor is responsible for coordinating with the Demolition Bid Package to review all items noted to be removed and re-installed. This Contractor shall provide all necessary inventory, equipment to relocate, palletize, secure in a weathertight container, and notify the District of placement locations for confirmation.
7. This Package to coordinate the demolition and new work extents of all Restroom Modernizations with the applicable Bid Packages to ensure all new exhaust fans, grilles, ductwork, electric hand dryers, insta-hot's, etc. are adequately covered as outlined in the Construction Documents for any Electrical and/or Low Voltage.
8. This package is responsible to provide and install all underground utility work outlined per the Contract Documents including but not limited to: trenching, excavation, trench bottoms, install, slurry, marking tape, backfill, shading, subgrade preparation, base, and finish surface (concrete/asphalt).
9. Furnish and install all fire stop material, metal fillers, and fire barrier sealants at all penetrations through rated walls, ceilings and slabs required by the work to meet code requirements. Include sealants, caulking, backer rods, fire, and smoke seals, etc.
10. Provide caulking and sealants between work in this contract and dissimilar finishes including, but not limited to, drywall, plaster, trim/accessories, decking, flooring, etc.
11. This package is responsible for any and all items that are to be salvaged and reinstalled or returned to the owner under its respective Spec. Sections.
12. This Package shall be responsible to provide and supply all components as necessary for Temporary Power to the jobsite. This package to provide at minimum (8) Spider Boxes to be evenly distributed to the jobsite for all Contractors use from the District Provided power poles and sub panel.
13. Provide all temporary overhead task lighting for the building interiors as required.
14. Provide all temporary water required to complete the work of this Bid Package.
15. Contractor to replace all existing wall electrical outlets and switches as noted in the Plans.
16. Prime Contractor is responsible to clean up and remove from site all waste generated by this work scope.
17. Protect existing utilities during the course of construction for this scope of work.
18. Coordinate all required rough-carpentry and/or backing for Roof/Walls with all Bid Packages to properly install all Electrical Components as reflected in the Contract Documents.
19. Contractor to install items plumb and level, accurately fitted from distortion of defects.
20. This package is responsible for ALL fireproofing penetrations at the walls and/or ceiling spaces as required to maintain the building's fire rating per code and DSA requirements.
21. This Package is responsible for providing and installing all seismic bracing, hangers, anchors, splay wires, ceiling wires, trapeze systems, custom fabricated bolts, hold down bolts, hangers, shot pins, and other miscellaneous steel and/or iron shapes, coordination, layout, shot pins, testing, etc. for all new Electrical components.
22. This Package shall provide and install ALL joint sealants as specified in their new work.

23. Provide all layouts and coordination for Rough Carpentry, Blocking, and Backing to the applicable Bid Packages prior to closing up walls.
24. This Package is to provide, install, and coordinate with the Mechanical Bid Package for all Mechanical systems that will require both line (voltage) power and controls as specified in the Contract Documents. This includes but not limited to: Thermostats, VAVs, VFDs, Disconnects, Heat Pumps, HVAC Units, Diffusers, Smoke Dampers, Fire Smoke Dampers, Ventilators, etc. All new Mechanical Components must be thoroughly coordinated to ensure all Electrical & Low Voltage/ Controls are installed in working condition.
25. Abandon in Place and/or Utility Safe-Off for all Electrical Equipment & Components a minimum of 12" below grade prior to the Demolition & Abatement Bid Package begins demolition at the Classroom Interiors.
26. Contractor shall de-energize and safe off all electrical services in the existing structures and buildings prior to demolition.
27. Provide all necessary Utility Safe-Off/ Cutting and Capping of Existing Electrical System Components at all Chiller Yard, Site Work, and Building Areas as necessary for the Demolition & Abatement Bid Package to remove all components.
28. Demolish and/or remove electrical type items as depicted on Contract Documents. Protect in place all items shown or noted to be re-installed, re-programmed, re-connected or cross connected during any phase of construction. Stack and store materials to be reused with inventory list and weather protection.
29. This package is to provide and install all access panels in framed walls and ceilings. Coordinate will all Bid Packages.
30. This package is responsible for accurately decommissioning all existing Mechanical equipment in the classrooms such as the ventilators. This contractor to walk and account for this work as part of the pre-bid jobwalk and in their bid amount.
31. Responsible for Engineering, Surveying and layout for the scope of this work. Prime Contractor shall provide surveying and determine existing grades/elevations in order to document existing paving areas and ensure proper drainage.
32. Intercept existing underground electrical and low voltage conduits and extend to new pullboxes. Provide all the underground conduits, boxes, pre-cast concrete pads, and vaults as indicated in the contract documents.
33. This Package to coordinate and cut all ceiling tiles as required for the new Mechanical System such as Light Fixtures, Projectors, Fire Alarm Devices, Low Voltage Devices, Wireless Access Points, Public Address Systems, Speakers, etc.
34. This Package is responsible for the installation, pathways, conduits, cabling, wire, power, controls, sleeves, supports, coordination, etc. for all Mechanical components. It is the responsibility of this package to share all pertinent information for the Electrical & Low Voltage components to all Bid Packages for a complete system of the new Mechanical.
35. This package shall develop a submittal shop drawings reflecting all conduits, wire, cable, controls, pathways, sleeves, penetrations, etc. to all new work as outlined in the Contract Documents. All Contractors are to review and confirm that the provided Shop Drawings are an accurate representation of the required power and low voltage components to complete this project.
36. Prime Contractor to provide complete Electrical & Low Voltage Systems, including but not limited to all supervision, layout, installation, fittings, fixtures, equipment, hangers, supports, seismic bracing/restraints markers, flashings, trapeze supports, ductwork, testing, air balancing, training, air distribution systems, Equipment and Supports, commissioning, disconnects, automatic devices, control conduit and wiring, control system, thermostats, ductwork, fire dampers, smoke dampers, volume dampers, ventilators, insta-hots, water heaters, back-draft dampers, filters, refrigerant piping, VAV boxes, hydrostatic piping testing, system air, Plumbing components, Electrical components, all equipment requiring power, thermostats, FCMS, etc.



37. Provide and install all roof supports for conduits, sleeves, penetrations, pipes, equipment including but not limited to all vertical and horizontal steel/metal components, flashing and welding of any supports as required. Quantity of supports may not be shown - it is this contractor's responsibility to include costs for all supports needed for work in this bid package.
38. Properly coordinate the locations and dimensional requirements of all work items (i.e. piping penetrations, diameter of ducts in walls & ceilings, fire rated taping or drywall, equipment, etc.) with all other Prime Contractors so that conflicts and incorrect locations are avoided. Prime Contractor is responsible to verify/coordinate the correctness of all locations, dimensions, size of equipment/fixtures/piping/ductwork, etc., with all other trades and building components.
39. Prior to Construction Start, a Pre-Construction Meeting shall be performed for reference and purposes only. All Low Voltage Devices, Fire Alarm Systems, Security, PA/Speakers, Clocks, Light Fixtures, etc. shall be tested to verify and confirm that no pre-existing conditions will impact the new work schedule. All findings shall be provided to the District.
40. Protect roof system during Electrical installations. Prime Contractor to pay for any damage or wear to the roof caused during its installation.
41. This Contractor to provide and install all red-painted/coated conduit/box systems for fire alarm installations per code requirements.
42. Connect all necessary electrical lines to the main electrical panel(s)/subpanels(s) as reflected in the contract documents. Energize the new or existing electrical panel(s) and/or subpanel(s) as required.
43. Prime Contractor to furnish and install all specified labeling, stenciling, tagging identification of equipment and all systems installed in this bid package.
44. Oversee the start-up and commissioning of all equipment and systems provided by other Bid Packages. Coordinate with all Bid Packages during troubleshooting and system start up. Perform all shut-downs and tie-ins during off hours or weekend to accommodate the District or the project schedule. Have a representative onsite during ALL testing as needed to facilitate and close out commissioning.
45. All Low Voltage and Controls components including but not limited to: conduits, hangers, supports, sleeves, penetrations, cable, and terminations shall be provided and installed by this Prime Contractor to ensure all new equipment is functional. All line (power) voltage conduit and wire will be provided, installed and terminated by this package as well in coordination with all Bid Packages for complete systems.
46. Provide full coordination and scope coverage with the Mechanical for smoke/fire dampers, and duct/mechanical equipment smoke detection systems.
47. All other low voltage, security, data, fire alarm, signal, power, communication, lighting systems, cable and wiring, terminations and testing, etc. shall be furnished and installed by this Contractor. If it is discovered that inconsistencies or missing components exist for any other systems, then it is the sole responsibility of this Bid Package to provide and install all required conduit, power wiring (including final connections) at no additional cost for the scope defined herein.
48. Provide all power and low voltage as required per the contract documents for all specialties and equipment items including but limited to projectors, projector screens, hand dryers, accessories, etc.
49. This contractor to ensure all demolished and/or removed items during the course of demolition are maintained live back at the Electrical, IDF, MDF, FACP, etc. with no interruption or disruption to campus activities. Any reprogramming needed to maintain the existing condition is critical and shall be repaired same day. This contractor is to provide temporary servicing of said components shall they be deemed necessary for safety purposes by the District.
50. This package shall be responsible for the selective demolition, safe-off, and de-energizing of the existing Fire Alarm system in its entirety and as clarified in the Contract Documents.

51. This package is responsible for providing all Fire Watch as necessary to complete the Fire Alarm component of the new work. At no time shall the District be liable for Fire Watch. The Contractor shall have workers readily available to maintain and service the Fire Alarm panel at a moment's notice. Any impacts as a result of lack of visual observation will be backcharged to the Contractor.
52. Adjust all existing vaults and pull boxes in new paving areas to match new elevations and grades. This contractor is responsible for all lifts, extensions, rings, etc. to bring vaults and boxes to grade verify grade with trades including CM.
53. Contractor to install all new Fire Alarm as noted in the Contract Documents.
54. Contractor to install all new Low Voltage as noted in the Contract Documents.
55. Contractor to install all Electrical as noted in the Contract Documents.
56. All single line and electrical drawings and diagrams are schematic in nature and actual locations of fixtures and routing of conduit and wiring will vary due to actual project conditions. Include all necessary relocations and re-routing as required for a complete and functional system.
57. At the commencement of construction, this package shall coordinate a meeting with all trades that require electrical power. All items and equipment shall be verified for voltage, amperage, phase, location, orientation, space requirements, type of connection, starter and disconnect locations and provisions, control system operation, etc. Any discrepancies shall be brought to the attention of the architect.
58. Contractor is responsible for maintaining electrical and low voltage systems to all rooms not under construction that are affected from any shutdowns or interruptions. This may include the addition of temporary systems. All rooms not under construction must have functional electrical and low voltage systems including building communications. There is a low voltage server room that will need to have power to it at all times through this project. Provide a 72-Hour Notice for all Anticipated Shut Downs to CM.
59. Contractor will be responsible for the removal and replacement of all branch wiring as required. Note: This item may not be shown on the plans or in the specifications.
60. Contractor to provide complete On-Site Electrical Underground Utility Systems including but not limited to underground data and power conduit distribution, on-site Lighting, pull boxes, vaults, manholes, power transformer pad, ballast and pipe bollards, Primary power conduits from Utility POC, Secondary power feeds and connections, pull rope, equipment slab boxes, cabling, wiring, anchorage and other materials as required for the complete distribution from Off Site Utility Service POC to buildings.
61. This Bid Package shall provide all sawcuts for this scope (to the nearest joint line), all concrete/asphalt removals and disposals for all new underground trenching.
62. Contractor to provide steel trench plates at all areas of vehicle or equipment traffic during construction of trench patchbacks where required.
63. Provide and install all asphalt or concrete patching (including base material and epoxy dowels) for utility trenches as specified in the contract documents.
64. Contractor is to provide complete Building Electrical Systems including but not limited to all general electrical requirements, electrical acceptance and other required system testing and reports, power service and distribution systems, conductors, wiring devices, outlet boxes, pull boxes and wire-ways, terminal cabinets, floor boxes and ducts, switchboards, panel-boards, exit signs, feeders, motor control centers, identifications, circuit breakers, electrical grounding systems, transformers, distribution switchboards, switches, branch circuit wiring and equipment, wiring devices and plates, lighting systems, raceways, wiring and disconnect switches for equipment provided by others, hangers, anchors, sleeves, etc.
65. Contractor shall notify all local utility companies including but not limited to the Local Water/ Electricity/ Gas/ Telephone Companies as required.
66. Contractor to include removal of all soil spoils generated by this Bid Package. Obtain approval for all import soil and backfill materials from the District's Soils Testing

Consultant prior as required. No stockpiling of dirt shall be allowed adjacent to buildings or near footings. All unused soil stockpiles are to be removed from the campus once backfilled.

67. Include redressing of On-Site grades (ruts, low spots, soft spots, etc.) caused from rain, erosion and Contractor work traffic until completion of this bid package. Contractor shall protect all areas subject to erosion and flooding, and provide immediate and ongoing dewatering of work areas. Install temporary soil berms along top perimeter of all sloped excavations and trenches to prevent water run-off into excavated areas.
68. Provide hook-up of all electrical required for equipment supplied by others.
69. Install and wire all light fixtures in ceiling grids and other areas per the Contract Documents.
70. This package is responsible for the utility safe-off of ALL equipment utilizing electrical power and low voltage including but not limited to disconnecting of all electrical devices/fixtures, mechanical equipment/devices, plumbing equipment/devices, etc. prior to demolition. Provide protection of or all fixtures, panels, equipment, and transformers that remain for Re-use.
71. This Bid Package shall install all conduits, sleeves, pull wire, wire, boxes cable, controls, EMS/BMS tie-ins, connections, terminations, testing, etc. in coordination with the Mechanical Bid Package.
72. District will be responsible for removing the ceiling ionizers prior to start of construction. This package to ensure the proper electrical and controls components are in place for the reinstallation effort. Assume any coordination needed for a complete system with all Bid Packages.
73. This package is responsible for all layout, PG&E coordination, sawcut, underground, trenching, compaction, sand shading, utility lines, abandonment of existing lines, demolition and removals of existing components, sleeves, wire, terminations, testing, start-up, backfill, import/export, base, asphalt or concrete, etc. for a complete PG&E service as reflected in the attached construction sketch.

❖ **Work Performed by Others (Bid Package Specific-Reference the Above):**

**A. Demolition & Abatement (Bid Package #HMES-01) will provide:**

1. This Package shall provide all selective demolition efforts as noted in the Contract Documents. It is the responsibility of all Bid Packages to accurately coordinate all new work with the Demolition Bid Package to ensure all items are demolished and removed for a complete system.
2. This Package shall provide all necessary Hazardous Materials Abatement as noted in the YES Environmental, Inc. Summary Plan.

**B. Mechanical (Bid Package #HMES-03) will provide:**

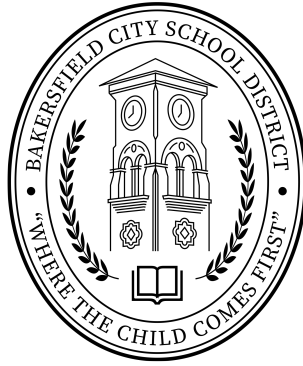
1. This package is responsible for the coordination of ALL equipment utilizing Electrical and Low Voltage. All new Mechanical Components must be thoroughly coordinated to ensure all Electrical & Low Voltage/ Controls are installed in working condition.

❖ **ALLOWANCE(S):**

**1. Allowance #01 – Unforeseen Conditions**

Include the sum of **\$100,000.00** in your Contract Amount for the following: Unforeseen discoveries, unforeseen existing utilities investigation, necessary utility relocation, other unforeseen items not identified in the Contract Documents.

**END OF SECTION**



# **CAMPUS HVAC SYSTEM UPGRADES**

## **BID PACKAGE #HMES-05 PLUMBING**

### **SCOPE OF WORK**



**BID PACKAGE #HMES-05**  
**PLUMBING**  
**SCOPE OF WORK**

**PRIME CONTRACTOR**  
*(Prime must possess a **Class C-36** License)*

Spec. Section	Description		Spec. Section	Description
Division 00	Procurement and Contracting		*09-29-00	Gypsum Board Assemblies
Division 01	General Requirements		*09-30-00	Ceramic Tile
*02-41-19	Selective Demolition		*10-21-13	Toilet Compartments
*Division 03	Concrete		*10-28-00	Toilet & Bath Accessories
*06-10-00	Rough Carpentry		22-00-00	Plumbing
*06-40-00	Interior Architectural Woodwork		*Division 23	Heating, Ventilating, & Air-Cond.
*06-41-00	Solid Polymer Fabrications		*Division 26	Electrical
07-27-00	Firestopping		*Division 32	Exterior Improvements
07-92-00	Joint Sealants		Division 33	Utility Materials
08-31-13	Access Doors		<i>*As applicable to work within this Bid Package.</i>	

**ATTACHMENT(S):**

- SUMMARY OF COMPREHENSIVE ASBESTOS, LEAD, PCB, MERCURY & FLUORESCENT LIGHT TUBE INSPECTION FINDINGS (YES ENVIRONMENTAL, INC.; DATED JUNE 2023)
- LEAD REMEDIATION SCOPE OF WORK (YES ENVIRONMENTAL, INC.; DATED MARCH 28, 2024)

❖ **Plumbing (Trade Specific) Scope of Work:**

1. This Bid Package shall be responsible for all Plumbing components not specified within this scope of work yet reflected in the Contract Documents. Any questions regarding scope of work are to be addressed as part of the Pre-Bid Clarification period to be answered prior to Bid.
2. Contractor to provide all permits required for this package at no cost to the District. Include preparation/submission of all paperwork (haul route maps, applications, etc.) as required by the local municipality.
3. The cut and removal of all surface, floor, or site mounted items must be grinded flush or removed below finish grade for future patch back efforts as to prevent any items protruding the finish surface.
4. It is the responsibility of this Bid Package to coordinate with the District and their list of purchased Owner Furnished-Contractor Installed (OFCI) components. This list is

inclusive of Mechanical Units and Vibration Isolation Curbs. It is the responsibility of this Bid Package to ensure that all materials, labor, and equipment is captured in their bid such as drainage, utility lines, condensate lines for the new equipment.

5. This Contractor is responsible for coordinating with the Demolition Bid Package to review all items noted to be removed and re-installed. This Contractor shall provide all inventory, equipment to relocate, palletize, & secure in a weathertight container.
6. This Package to coordinate the demolition and new work extents of all Restroom Modernizations with the applicable Bid Packages to ensure all new lavatories, sinks, carriers, fixtures, urinals, drains, mountings, connections, drain covers, etc. are adequately covered as outlined in the Construction Documents. Include the removal and replacement (in-kind) of all existing restroom floor drain top grates in the restrooms as reflected in the Contract Documents.
7. This package is responsible for any plumbing hot-tap connections in this Bid Package.
8. Prime Contractor to verify the exact location and finish height of each floor and drain/sink in the interior rooms and exterior areas of the building before installation. Each drain shall be fully compatible and appropriate with the waterproofing systems and thickness of the composite floor materials. The location of the drains shall be properly placed, both symmetrically and as required to avoid conflict with all other building components, i.e. toilet partitions, supports, cabinetry, equipment etc. Coordinate drains with all Bid Packages to ensure adequate drainage at the time of flooring installation.
9. This package shall coordinate and provide layout to the Ceramic Tile Bid Package for all Restroom Upgrade work pertaining to the Plumbing package. All new finishes shall be thoroughly coordinated for proper elevations, heights, drainage, etc.
10. Prime Contractor must protect all plumbing rough-ins, floor drains and sinks prior to concrete placement and must be present during the concrete placement to observe and repair items as required.
11. Where pipe sizes are not indicated and size is not apparent, request clarification from the Plumbing Engineer prior to proceeding. Include in the contact amount, pipe sized per similar piping and per applicable code requirements.
12. Provide drinking fountains and all associated appurtenances including final connection to site water, sewer, drywells for fountains.
13. This package is fully responsible for all components required complete Drywell systems as indicated in the Contract Documents.
14. Provide all waste line clean-outs as required by code, the contract documents and as required to provide proper access to all points of the system.
15. This package is responsible to provide and install all underground utility work outlined per the Contract Documents including but not limited to: trenching, excavation, soils bottom compaction, utility installations, backfill, shading, subgrade preparation, finish surface (asphalt or concrete) for a complete Underground Trench.
16. This Bid Package shall provide all sawcuts for the project (to the nearest joint line), all concrete/asphalt removals and disposals, and coordination for all new underground trenching. It is assumed multiple sawcut efforts may be necessary to complete this project.
17. Provide and install all asphalt or concrete patching (including base material and epoxy dowels) for plumbing utility trenches as specified in the contract documents.
18. Contractor to provide steel trench plates at all areas of vehicle or equipment traffic during construction of trench patchbacks where required.
19. Furnish and install all fire stop material at all penetrations through rated walls, ceilings and slabs required by the work to meet code requirements. Include sealants, caulking, backer rods, fire, and smoke seals, etc.
20. Provide caulking and sealants between work in this contract and dissimilar finishes including, but not limited to, drywall, plaster, trim/accessories, decking, flooring, etc.
21. This package is responsible for any and all items that are to be salvaged and reinstalled or returned to the owner under its respective Spec. Sections.

22. Include in this package storage of all materials in a weather-tight container with multiple moves as needed for the project schedule to continue. The district will not pay storage fees so this package must make all necessary accommodations to ensure all material is safe and free of damage or will need to be replaced at no additional charge.
23. Provide all temporary power components for this package.
24. Provide all temporary water required to complete the work of this Bid Package.
25. Prime Contractor is responsible to clean up and remove from site all waste generated by this work scope.
26. Coordinate all required rough-carpentry and/or backing with all Bid Packages to properly install all Plumbing components as reflected in the Contract Documents.
27. Contractor to install items plumb and level, accurately fitted from distortion of defects.
28. Provide smokestopping, firestopping, fireproofing, fire barrier sealant, metal fillers, etc. as required by the Contract Documents and code requirements.
29. This Package is responsible for providing and installing all Plumbing seismic bracing, hangers, anchors, splay wires, trapeze systems, layout, shot pins, testing, etc
30. This Package shall provide and install ALL joint sealants as specified in their new work.
31. Coordinate all dimensions, layout, openings, cutsheets, requirements, etc. for wall openings framing for the new Plumbing components with all Bid Packages.
32. It is the responsibility of this package to field verify exact ceiling space available for routing of new work as well as confirming roof framing for any supports as required.
33. This contractor to coordinate, provide, and install all rough hardware, bent or otherwise custom fabricated bolts, hold down bolts, hangers, and other miscellaneous steel and/or iron shapes, or any other fasteners that is required.
34. Abandon in Place and Utility Safe-Off all Plumbing items a minimum of 12" below grade prior to the Demolition & Abatement Bid Package begins demolition.
35. Provide all necessary Cutting and Capping of ALL Plumbing items at the Chiller Yard as necessary for the Demolition & Abatement Bid Package to remove all components.
36. This package is to provide and install all access panels in framed walls and ceilings.
37. This package is responsible for accurately deenergizing all existing Mechanical equipment of their Plumbing components (chilled water lines) to the classrooms such as the ventilators. This contractor to walk and account for this work as part of the pre-bid jobwalk and in their bid amount.
38. Responsible for Engineering, Surveying and layout for the scope of this work. Prime Contractor shall provide surveying and determine existing grades/elevations in order to document existing paving areas and ensure proper drainage.
39. Plumbing contractor shall field verify the locations and invert elevations of all existing utility lines prior to start of work and make adjustments necessary at no cost.
40. Plumber to provide valves at the following locations but not limited to: Water main shut off in valve box, Valve with hose connection on down downstream side of the Main shut of valve, shut-off valve on each supply to each fixture and equipment item not provided with control stop or other auxiliary shut off valve.
41. All vent terminations at the roof shall be at least 10 feet away from outside air intakes, operable windows, and building openings.
42. Locate, size, and install all water hammer arresters in accordance with plumbing and drainage institute standard.
43. Prime Contractor to provide complete new Plumbing systems as outlined in the contract documents including but not limited to: Gas, Sewer, Water, Storm Drain, etc.
44. All new Plumbing work within this scope shall provide and install all piping, fittings, couplings, stops, valves, valve boxes, protective wraps, insulation, hose bibbs, fixtures, equipment and trims, air chambers, temperature and pressure relief valves, gas pressure reducing valves, reducer valves, dielectric fittings of dissimilar metals, floor/ceiling and wall plates, access doors, joint sealants, sleeves, hangers, supports, bracing, sleeves, permits, hammer arrestors, chlorination, anchors, markers, cleaning,

- testing, final connections to fixtures and equipment, final connection to Existing Utilities, etc. and as required to make a complete and operating Plumbing system.
45. Prime Contractor to provide complete underground Plumbing systems including all layout, piping, fitting, couplings, in-building risers, marking tape, valves, yard boxes, drains, misc. assemblies, testing, cleaning, earthwork, bedding, trenching, compaction, concrete and thrust blocks, slurry, anchors, encasements, tap connections, terminations, final connections to Off-Site Utilities, Disinfection and Bacterial Testing in compliance with the jurisdictional Health & Water Departments, etc. This Prime Contractor is responsible for final connection of the existing domestic water.
  46. This Prime Contractor is responsible for providing and installing all new classroom sinks in the casework as outlined in the contract documents.
  47. Contractor shall notify all local utility companies including but not limited to the Local Water/ Electricity/ Gas/ Telephone Companies as required.
  48. This package is responsible for the start-up & testing of the new Plumbing Systems.
  49. Perform exploratory investigation (minor demolition, pot-holing, or other non-destructive means) to locate exact position of existing point of connection and connect new systems accordingly.
  50. Safe-off and cap all water, sewer, storm drain, and gas lines to make area safe prior to demolition. Provide protection for all components that remain for Re-use and Re-route.
  51. Furnish and install protective insulation/covering over all exposed fixture piping, valves and under fixtures as required by the contract documents and applicable codes.
  52. Prime Contractor to “snake” clear all lines prior to owner occupancy.
  53. Locate, coordinate, provide, and install all roof work for gas lines, condensate lines, and secondary drains/pans, penetrations, patchbacks for the Mechanical Bid Package.
  54. Provide refrigerant piping including below slabs and crawl spaces as required.
  55. Chlorinate all new Domestic Water lines prior to building turnover with report.
  56. Do not close, shut off, or disrupt existing utility branches or take-offs that are in use without at least 3 days prior written notification to District.
  57. Remove exposed piping, valves, meters, equipment, supports, and foundations of disconnected and abandoned utilities.

❖ **Work Performed by Others (Bid Package Specific-Reference the Above):**

**A. Demolition & Abatement (Bid Package #HMES-01) will provide:**

1. This Package shall provide all selective demolition efforts as noted in the Contract Documents. It is the responsibility of all Bid Packages to accurately coordinate all new work with the Demolition Bid Package to ensure all items are demolished and removed for a complete system.
2. This Package shall provide all necessary Hazardous Materials Abatement as noted in the YES Environmental, Inc. Summary Plan.

**B. Mechanical (Bid Package #HMES-03) will provide:**

1. This package is responsible for all new OFCI Rooftop Units. All new Mechanical Components must be thoroughly coordinated to ensure all Plumbing items are installed in working condition.

❖ **ALLOWANCE(S):**

**1. Allowance #01 – Unforeseen Conditions**

Include the sum of **\$50,000.00** in your Contract Amount for the following: Unforeseen discoveries, unforeseen existing utilities investigation, necessary utility relocation, other unforeseen items not identified in the Contract Documents.

**END OF SECTION**





# **CAMPUS HVAC SYSTEM UPGRADES**

## **BID PACKAGE #HMES-06 CARPET**

### **SCOPE OF WORK**



**BID PACKAGE #HMES-06**  
**CARPET**  
**SCOPE OF WORK**

**PRIME CONTRACTOR**  
*(Prime must possess a **Class C-15** License)*

Spec. Section	Description	Spec. Section	Description
Division 00	Procurement and Contracting	*Division 03	Concrete
Division 01	General Requirements	09-65-13	Resilient Wall Base & Accessor.
*02-41-19	Selective Demolition	09-68-13	Carpet Tile

*\*As applicable to work within this Bid Package.*

**ATTACHMENT(S):**

- SUMMARY OF COMPREHENSIVE ASBESTOS, LEAD, PCB, MERCURY & FLUORESCENT LIGHT TUBE INSPECTION FINDINGS (YES ENVIRONMENTAL, INC.; DATED JUNE 2023)
- LEAD REMEDIATION SCOPE OF WORK (YES ENVIRONMENTAL, INC.; DATED MARCH 28, 2024)

❖ **Floor Coverings (Trade Specific) Scope of Work:**

- This Bid Package shall be responsible for all new Floor Finish components not specified within this scope of work yet reflected in the Contract Documents. Any questions regarding scope of work are to be addressed as part of the Pre-Bid Clarification period to be answered prior to Bid.
- Contractor to coordinate and participate in the Pre-Demolition Conference with the Demolition Bid Package to review all new installation work with Construction Manager, Inspector of Record, Owner, and all Bid Packages to ensure demolition efforts are met for new work to be installed by this Bid Package.
- Contractor to install items plumb and level, accurately fitted from distortion of defects.
- Coordinate all dimensions, layout, openings, cutsheets, requirements, etc. for wall/floor openings that will require carpet patchbacks for a complete system.
- This Package is fully responsible to provide and install a new and complete Carpet Tile systems as reflected in the Contract Documents. This includes but not limited to: Material, Labor, Equipment, Wall Base, Underlayments, Thresholds, Adhesives, Mastics, Accessories, Heavy Duty Entrance Carpet Tiles @ Each Classroom, Vinyl, Cove Base, Floor Prep, Ardex and/or Self-Leveling Compounds, Moisture Testing, etc.
- It is the responsibility of this package to perform all required Moisture Testing with results submitted to the District. Should any curing be required as a result of the results,

it is the responsibility of this package to make all accommodations necessary for the new flooring or wall finishes.

- Contractor will protect all finish surfaces per Contract Documents & Finish Schedules. All costs associated with any repair of finish surfaces related to damage, staining, scuffing, spills, etc. caused by this Contractor shall be the sole responsibility of this Contractor.
- Include in this package storage of all materials in a weather-tight container with multiple moves as needed for the project schedule to continue. The district will not pay storage fees so this package must make all necessary accommodations to ensure all material is safe and free of damage or will need to be replaced at no additional charge.
- Provide all extension cords or temporary power components for this package.
- This Package shall be responsible for holding Pre-Work Conference Meetings with all Bid Packages to coordinate the new work to be installed.
- This Contractor shall designate a foreman or supervisor for this Project to coordinate with all work forces, material deliveries and Contractors of this Prime Contractor. The foreman or supervisor must be fluent in the English language.
- Provide all Submittals/RFIs/Shop Drawings/Cutsheets for this package and provide to all Bid Packages as needed for coordination of a complete system.
- Any expedited cost or storage cost to have project materials available in conjunction with construction will be part of this Contractor's responsibility and all delivery cost associated with materials.
- Prime Contractor will walk the site with the Construction Manager or Owner's Representative to establish existing conditions prior to commencing work. Prior to commencing work all existing damage shall be photographed, logged and given to the Construction Manager or Owner's Representative. Prime Contractor will remedy any damage resulting from Prime Contractor's work.
- Prime Contractor is responsible to clean up and remove from site all waste generated by this work scope.
- Prime Contractor may be required to perform "out of sequence" work to satisfy phasing and school operations with multiple crews at the direction of the CM.

❖ **Work Performed by Others (Bid Package Specific-Reference the Above):**

**A. Demolition & Abatement (Bid Package #HMES-01) will provide:**

1. This Package shall provide all selective demolition efforts as noted in the Contract Documents. It is the responsibility of all Bid Packages to accurately coordinate all new work with the Demolition Bid Package to ensure all items are demolished and removed for a complete system.
2. This Package shall provide all necessary Hazardous Materials Abatement as noted in the YES Environmental, Inc. Summary Plan.

**END OF SECTION**



# **CAMPUS HVAC SYSTEM UPGRADES**

## **BID PACKAGE #HMES-07 CERAMIC TILE**

### **SCOPE OF WORK**



**BID PACKAGE #HMES-07**  
**CERAMIC TILE**  
**SCOPE OF WORK**

**PRIME CONTRACTOR**  
*(Prime must possess a **Class C-54** License)*

Spec. Section	Description	Spec. Section	Description
Division 00	Procurement and Contracting	09-30-00	Ceramic Tile
Division 01	General Requirements	*10-21-13	Toilet Compartments
*02-41-19	Selective Demolition	*10-28-00	Toilet & Bath Accessories
*Division 03	Concrete	*Division 22	Plumbing
07-92-00	Joint Sealants	*Division 26	Electrical
*08-31-13	Access Doors	<i>*As applicable to work within this Bid Package.</i>	

**ATTACHMENT(S):**

- SUMMARY OF COMPREHENSIVE ASBESTOS, LEAD, PCB, MERCURY & FLUORESCENT LIGHT TUBE INSPECTION FINDINGS (YES ENVIRONMENTAL, INC.; DATED JUNE 2023)
- LEAD REMEDIATION SCOPE OF WORK (YES ENVIRONMENTAL, INC.; DATED MARCH 28, 2024)

❖ **Ceramic Tile (Trade Specific) Scope of Work:**

1. This Bid Package shall be responsible for all Floor and Wall Finish components not specified within this scope of work yet reflected in the Contract Documents. Any questions regarding scope of work are to be addressed as part of the Pre-Bid Clarification period to be answered prior to Bid.
2. Contractor to coordinate and participate in the Pre-Demolition Conference with the Demolition Bid Package to review all new installation work with Construction Manager, Inspector of Record, Owner, and all Bid Packages to ensure demolition efforts are met for new work to be installed by this Bid Package.
3. Prime Contractor is responsible for protecting all adjacent surfaces and improvements.
4. This Package to coordinate the demolition and new work extents of all Restroom Modernizations with the applicable Bid Packages to ensure all new lavatories, sinks, carriers, drains, hand dryers, mirrors, drain covers, etc. are properly patched.
5. Contractor to verify the exact location and finish height of each floor and drain/sink in the restrooms. Each drain shall be fully compatible and appropriate with the waterproofing systems and thickness of the composite floor materials. The location of the drains shall be properly placed, both symmetrically and as required to avoid conflict with all other

- building components, i.e. toilet partitions, supports, cabinetry, equipment etc. Ensure adequate drainage at the time of flooring installation.
6. Provide caulking and sealants between work in this contract and dissimilar finishes.
  7. Provide all temporary power components for this package.
  8. Patch all removed Restroom accessories/ fixtures/ specialties that fall on a wall tile to match adjacent surfaces.
  9. This Package shall be responsible for holding Pre-Work Conference Meetings with all Bid Packages to coordinate the new work to be installed.
  10. Prime Contractor is responsible to clean up and remove from site all waste generated.
  11. Contractor to install items plumb and level, accurately fitted from distortion of defects.
  12. This Package shall provide and install ALL joint sealants as specified in their new work.
  13. Coordinate all dimensions, layout, openings, cutsheets, requirements, etc. for wall/floor openings that will require Ceramic Tile patchbacks for a complete system.
  14. This package is to provide and install all new Ceramic Tile finish systems for all access panels in framed walls.
  15. Fill cracks between fixtures, walls, & floor with silicone rubber sealant.
  16. This package shall patch all holes in the Restroom at the Ceramic Tile Locations from any accessories, fixtures, specialties, etc. items that are removed during the selective demolition process.
  17. This package is fully responsible for all Unglazed Ceramic Mosaic Tile (UCMT) as reflected in the Contract Documents.
  18. This Package is fully responsible to provide and install a new and complete Ceramic Tile system as reflected in the Contract Documents. This includes but not limited to: Material, Labor, Equipment, Wall Base, Adhesives, Grout, Mortar Beds, Drainage, UCMT, Reinforcement Mesh, Waterproofing Membranes, Cleavage Membranes, Coated Glass Mat Water-Resistant Gypsum Tile Backer Board, Latex - Portland Cement Mortar Bond Coats, Cement Boards or Durock Cement Boards, Fasteners, Screws, Thin Set Tiles, Accessories, Patchbacks, Mudset GWT, Scratch Coats, Bullnose GWT Trims, Bond Coats, Cove Base, Floor Prep, Ardex and/or Self-Leveling Compounds, Moisture Testing, etc.
  19. Provide and install all Glazed Wall Tiles as reflected in the Demolition Plans and Contractor Documents. This includes but not limited to: Material, Labor, Equipment, Wall Base, Adhesives, Grout, Mortar Beds, Drainage, Reinforcement Mesh, Waterproofing Membranes, Cleavage Membranes, Coated Glass Mat Water-Resistant Gypsum Tile Backer Board, Latex - Portland Cement Mortar Bond Coats, Cement Boards or Durock Cement Boards, Fasteners, Screws, Thin Set Tiles, Accessories, Patchbacks, Mudset GWT, Scratch Coats, Bullnose GWT Trims, Bond Coats, Cove Base, Floor Prep, Self-Leveling Compounds, Moisture Testing, etc.
  20. It is the responsibility of this package to perform all required Moisture Testing with results submitted to the District. Should any curing be required as a result of the results, it is the responsibility of this package to make all accommodations necessary.
  21. Contractor to remove, salvage, and reinstall floor mounted door stops and thresholds.

**A. Work Performed by Others (Bid Package Specific-Reference the Above):  
Demolition & Abatement (Bid Package #HMES-01) will provide:**

1. This Package shall provide all selective demolition efforts as noted in the Contract Documents. It is the responsibility of all Bid Packages to accurately coordinate all new work with the Demolition Bid Package to ensure all items are demolished and removed for a complete system.
2. This Package shall provide all necessary Hazardous Materials Abatement as noted in the YES Environmental, Inc. Summary Plan.

**END OF SECTION**



**CAMPUS HVAC SYSTEM UPGRADES**

**BID PACKAGE #HMES-08**

**ACOUSTICAL CEILINGS & TACKBOARDS**

**SCOPE OF WORK**



**BID PACKAGE #HMES-08**  
**ACOUSTICAL CEILINGS & TACKBOARDS**  
**SCOPE OF WORK**

**PRIME CONTRACTOR**

(Prime must possess a **Class B or D-50 and D-29** License)

Spec. Section	Description	Spec. Section	Description
Division 00	Procurement and Contracting	*09-90-00	Painting
Division 01	General Requirements	*10-00-00	Miscellaneous Items
*02-41-19	Selective Demolition	*Division 22	Plumbing
09-51-13	Acoustical Panel Ceilings	*Division 23	Heating, Ventilating, & Air-Cond.
09-51-23	Acoustical Tile Ceilings	*Division 26	Electrical
09-77-23	Vinyl Covered Tack Board		
*As applicable to work within this Bid Package.			

**ATTACHMENT(S):**

- SUMMARY OF COMPREHENSIVE ASBESTOS, LEAD, PCB, MERCURY & FLUORESCENT LIGHT TUBE INSPECTION FINDINGS (YES ENVIRONMENTAL, INC.; DATED JUNE 2023)
- LEAD REMEDIATION SCOPE OF WORK (YES ENVIRONMENTAL, INC.; DATED MARCH 28, 2024)

**A. Acoustical Ceilings & Tackboards (Trade Specific) Scope of Work:**

1. This Bid Package shall be responsible for the Acoustical Ceilings and Tackboards and for all other components not specified within this scope of work yet reflected in the Contract Documents. Any questions regarding scope of work are to be addressed as part of the Pre-Bid Clarification period to be answered prior to Bid.
2. Contractor to coordinate and participate in the Pre-Demolition Conference with the Demolition Bid Package to review all new installation work with Construction Manager, Inspector of Record, Owner, and all Bid Packages to ensure demolition efforts are met for new work to be installed.
3. Provide all temporary power components required for this work.
4. Contractor to patch ceiling penetrations flush to match adjacent finish where items indicated to be removed.
5. This Package shall be responsible for attending Pre-Work Conference Meetings with all Bid Packages to coordinate the new work to be installed.
6. Contractor to install items plumb and level.



7. Drywall and Plaster Contractor to provide and install drywall at all framing locations as required prior to commencing T-bar ceiling grid installation. This may or may not be in sequence with the drywall production work but will be performed as necessary for T-bar work. T-bar grid will be installed prior to taping and should be protected by this Contractor as needed.
8. Provide and install all hanger wires for T-bar ceiling, HVAC grills, registers, access panels, lighting, low voltage devices, plumbing or other systems requiring hanger wire support from the structure above. Coordinate requirements with all other appropriate Bid Packages and CM. All wires shall have a loop twisted end after installation for protection of workers below. All Wires shall be bent upwards so that a minimum of 8'-0" of clearance is maintained from floors.
9. Provide and install all new Ceiling Finishes as Noted in the Contract Documents including but not limited: new hanger wires, fasteners, splay wires, anchors, MEP coordination, furring strips, intermediate strips, end pieces, cutting of new tiles, attic stock, etc.
10. This Package to coordinate and cut all ceiling tiles as required for the new MEP Devices, Grilles, Registers, etc.
11. Ceiling tiles at the perimeter, down lights, registers, etc. will be installed prior to the complete installation of all tiles. This is to accommodate the schedule and completion of other trade work. Prior to installation of remaining ceiling tiles, ceiling spaces must be reviewed with IOR, CM and other relevant trades to ensure above-ceiling installations are complete and signed off prior to completion of installation.
12. Provide, deliver, and stage an allowance of 1% of each ceiling tile type to be used as directed by the CM for unidentified trade damage during construction. This tile is not part of the extra stock delivered to the Owner and is above and beyond any requirements shown on the plans or specifications for additional or extra stock.
13. Provide and utilize space heaters and/or fans to ventilate areas receiving finishes as required within the buildings.
14. This Contractor to provide and install all complete Tackable Vinyl Wall Coverings and Trim pieces. Contractor responsible for all penetrations of fabric for work installed by other trades. Coordinate all work pertaining to wall coverings with applicable Bid Packages for a complete system and to ensure installation is continuous to prevent intermediate seams.

**B. Work Performed by Others (Bid Package Specific-Reference the Above):**

**1. Demolition & Abatement (Bid Package #HMES-01) will provide:**

- a. This Package shall provide all selective demolition efforts as noted in the Contract Documents. It is the responsibility of all Bid Packages to accurately coordinate all new work with the Demolition Bid Package to ensure all items are demolished and removed for a complete system.
- b. This Package shall provide all necessary Hazardous Materials Abatement as noted in the YES Environmental, Inc. Summary Plan.

**END OF SECTION**



# **CAMPUS HVAC SYSTEM UPGRADES**

## **BID PACKAGE #HMES-09 PLASTER & DRYWALL**

### **SCOPE OF WORK**



**BID PACKAGE #HMES-09**  
**PLASTER AND DRYWALL**  
**SCOPE OF WORK**

**PRIME CONTRACTOR**  
*(Prime must possess a Class C-9 and C-35 License)*

Spec. Section	Description		Spec. Section	Description
Division 00	Procurement and Contracting		*09-68-13	Carpet Tile
Division 01	General Requirements		*09-77-23	Vinyl Covered Tack Board
*02-41-19	Selective Demolition		*09-90-00	Painting
*07-92-00	Joint Sealants		*10-00-00	Miscellaneous Items
*08-31-13	Access Doors		10-14-23	Signs
09-24-00	Lath and Plaster		*10-21-13	Toilet Compartments
09-29-00	Gypsum Board Assemblies		*10-28-00	Toilet and Bath Access.
*09-30-13	Ceramic Tile		*10-36-00	Louvers and Vents
*09-51-13	Acoustical Panel Ceilings		*Division 22	Plumbing
*09-51-23	Acoustical Tile Ceilings		*Division 23	Heating, Ventilating, & Air-Cond.
*09-65-13	Resilient Wall Base and Access.		*Division 26	Electrical

*\*As applicable to work within this Bid Package.*

**ATTACHMENT(S):**

- SUMMARY OF COMPREHENSIVE ASBESTOS, LEAD, PCB, MERCURY & FLUORESCENT LIGHT TUBE INSPECTION FINDINGS (YES ENVIRONMENTAL, INC.; DATED JUNE 2023)
- LEAD REMEDIATION SCOPE OF WORK (YES ENVIRONMENTAL, INC.; DATED MARCH 28, 2024)

**Plaster & Drywall (Trade Specific) Scope of Work:**

1. This Bid Package shall be responsible for the Plaster and Drywall Trade for all other components not specified within this scope of work yet reflected in the Contract Documents. Any questions regarding scope of work are to be addressed as part of the Pre-Bid Clarification period to be answered prior to Bid.
2. Contractor to coordinate and participate in the Pre-Demolition Conference with the Demolition Bid Package to review all new installation work with Construction Manager, Inspector of Record, Owner, and all Bid Packages.
3. Contractor shall repair or replace any existing or new construction that is damaged from water intrusion due to failure of required weather protection at contractor's expense.
4. This Contractor to assume a minimum of **75 SF** per each selective demolition effort as indicated in the drawings or not that will require new work patch back at the walls. This

assumption per each location will cover all new framing, gypsum board, plaster, etc. for a complete working system of the new work.

5. This Package to coordinate the demolition and new work extents of all Restroom Modernizations with all Bid Packages for new finishes.
6. Provide extension cords or temporary power components required.
7. Contractor to patch all Restroom removal items as reflected in the Contract Documents. All existing removed partitions, accessories, ADA items, etc. shall be patched back to match existing finishes.
8. Contractor to patch walls and ceiling penetrations flush to match adjacent finish where items indicated to be removed.
9. This Package shall be responsible for attending Pre-Work Conference Meetings with all Bid Packages to coordinate the new work to be installed.
10. Contractor to install items plumb and level, accurately fitted from distortion of defects.
11. This package is responsible for ALL fireproofing penetrations at the wall spaces as required to maintain the building's fire rating per code and DSA requirements.
12. Protect all adjacent surfaces from plaster overspray including doors, windows, walks, roofs, panels, etc.
13. This package shall provide and install ALL joint sealants as specified in their new work.
14. Provide and install all Gypsum Board and Substrates as indicated in the Contract Documents. This includes but not limited to: patch and repair, necessary wood, or metal framing to match existing framing, edge metals, mud & tape, trim pieces, sheet metal, surface preparation, drywall cutouts for new outlets and/or devices, etc. This package is to coordinate all new drywall work with all trade packages for any needed openings.
15. Contractor to replace all cement plaster finish at soffits due to Demolition efforts as noted in the Contract Documents.
16. Provide and install all required indoor or outdoor patching.
17. Tape and finish areas behind all equipment, fixtures, etc. consistent with the taping and finishing procedures in the adjacent area.
18. Provide fans, heaters, or "hot mud," to accelerate drywall finishing dry time when directed by the CM.
19. Work to include all lath, plaster, & gypsum board including expansion joints, insulation, flashings, edge metals, soffit vents, extruded aluminum metals, reglets, control joints, expansion joints, and accessories and sealers required for this scope package to ensure all exterior openings are closed up as noted in the Contract Documents.
20. Furnish and install substrate, i.e., water-resistant gyp board, lath, and scratch coat plaster, etc. as required by the Contract Documents. Include filling and taping of all joints and voids.
21. Contractor to provide and install drywall at all framing locations as required prior to commencing T-bar ceiling grid installation. This may or may not be in sequence with the drywall production work but will be performed as necessary for T-bar work. Further, if this occurs, T-bar grid will be installed prior to taping and should be protected by this Contractor after grid is installed.
22. This package is responsible for accurately providing and installing drywall & preparation at classroom interiors, cementitious plaster at building exteriors, etc. upon the removal of the HVAC components within the walls at all Classrooms for the ventilators. This package is to review all classroom conditions for this new scope at the time of bid and capture all components for a weathertight system. This contractor to walk and account for this work as part of the pre-bid jobwalk and in their bid amount.
23. At all locations where there is double plywood at the projector/smart boards, this package is responsible for removing the second layer of plywood and provide a smooth complete finish with gypsum board/drywall and paint. This contractor to walk and account for this work as part of the pre-bid jobwalk and in their bid amount.

24. Contractor to provide Joint Sealant and Caulking work at exterior joints of exterior plaster system, exterior vertical and horizontal joints between different abutting materials, exterior joints between exterior plaster system.
25. This package is responsible for accurately providing and installing all louver closures upon the removal of the HVAC components within the walls at all Classrooms for the ventilators. This package shall review all classroom conditions for this new scope at the time of bid and capture all components for a weathertight system. This contractor shall walk and account for this work as part of the pre-bid jobwalk and in their bid amount.
26. Provide and install drywall at all framing locations as required prior to commencing T-bar ceiling grid installation. This may or may not be in sequence with the drywall production work but will be performed as necessary for T-bar work. Further, if this occurs, T-bar grid will be installed prior to taping and should be protected by this Contractor after grid is installed.
27. Plaster and Drywall contractor is also responsible for any cementitious wall stucco/ plaster work for all opening closures.

❖ **Work Performed by Others (Bid Package Specific-Reference the Above):**  
**Demolition & Abatement (Bid Package #HMES-01) will provide:**

- a. This Package shall provide all selective demolition efforts as noted in the Contract Documents. It is the responsibility of all Bid Packages to accurately coordinate all new work with the Demolition Bid Package to ensure all items are demolished and removed for a complete system.
- b. This Package shall provide all necessary Hazardous Materials Abatement as noted in the YES Environmental, Inc. Summary Plan.

❖ **ALLOWANCE(S):**

1. **Allowance #01 – Unforeseen Conditions**

Include the sum of **\$50,000.00** in your Contract Amount for the following: Unforeseen framing, wall furring, repair of unidentified surfaces, unforeseen discoveries, and other unforeseen items not identified in the Contract Documents.

**END OF SECTION**



# **CAMPUS HVAC SYSTEM UPGRADES**

## **BID PACKAGE #HMES-10 PAINTING**

### **SCOPE OF WORK**



**BID PACKAGE #HMES-10**  
**PAINTING**  
**SCOPE OF WORK**

**PRIME CONTRACTOR**  
*(Prime must possess a **Class C-33** License)*

Spec. Section	Description		Spec. Section	Description
Division 00	Procurement and Contracting		*08-14-16	Flush Wood Doors
Division 01	General Requirements		*09-24-00	Lath and Plaster
*02-41-19	Selective Demolition		*09-29-00	Gypsum Board Assemblies
*05-50-00	Metal Fabrications		09-90-00	Painting
*06-20-13	Exterior Finish Carpentry		*Division 22	Plumbing
*06-40-00	Interior Architectural Woodwork		*Division 23	Heating, Ventilating, & Air-Cond.
*08-11-13	Standard Steel Doors & Frames		*Division 26	Electrical

*\*As applicable to work within this Bid Package.*

**ATTACHMENT(S):**

- SUMMARY OF COMPREHENSIVE ASBESTOS, LEAD, PCB, MERCURY & FLUORESCENT LIGHT TUBE INSPECTION FINDINGS (YES ENVIRONMENTAL, INC.; DATED JUNE 2023)
- LEAD REMEDIATION SCOPE OF WORK (YES ENVIRONMENTAL, INC.; DATED MARCH 28, 2024)

**Painting Trade (Trade Specific) Scope of Work:**

1. This Bid Package shall be responsible for the Painting Trade for all other components not specified within this scope of work yet reflected in the Contract Documents. Any questions regarding scope of work are to be addressed as part of the Pre-Bid Clarification period to be answered prior to Bid.
2. Contractor to coordinate and participate in the Pre-Demolition Conference with the Demolition Bid Package to review all new installation work.
3. Provide all temporary power components required for this work.
4. Protect all adjacent surfaces accordingly from paint overspray.
5. Provide and install all Patching & Painting, Painting to be End Seam to End Seam, or Corner to Corner. This Package is responsible for the preparation of all surfaces to receive new paint on a smooth and level surface, primer paint, and finish paint.
6. This package is responsible for surface prep, primer, and paint of all surface-mounted components including but not limited to: conduits, boxes, devices, etc.
7. Contractor to provide complete Painting work scope including but not limited to painting plywood backboards, doors & frames, window frames, pipes, ducts, hangers, louvers,

- grills, registers, vents, exposed steel, iron work, ornamental iron, wrought iron, railing, bollards, downspouts & gutters, exposed metal joints, coping caps, exposed primed metal surfaces, flashings, access ladders, access panels, drain pipes, exposed conduits, etc.
8. Contractor to remove all stops at window or door/sidelight frames, paint stops and screws and re-install all stops during one operation. This Contractor is responsible for ensuring that all stops/screws are not lost during painting process. Remove and replace all wall plates to facilitate painting behind them. Remove door frame bumper stops and replace after applying final coat of paint. This Contractor is responsible for replacement of all wall plates, screws, door frame bumper stops, etc., which are lost during the painting process.
  9. Prepare all surfaces for interior and exterior paint scope in this package including scraping, sanding, putty, washing, sealing, priming, back priming, etc. All surfaces shall be cleaned free of loose dirt and dust prior to the commencement of this work. All metal surfaces shall first be washed with turpentine to remove any dirt or grease before painting. Where rust or scale is present, it shall be cleaned prior to painting per the Contract Documents. All galvanized metal surfaces shall be cleaned, and one coat of galvanized metal primer applied in accordance with manufacturer's directions. Door frames shall be cleaned free of paint, concrete, grout adhesive, plaster, or joint compound prior to painting (after other trades perform their obligations).
  10. Provide and utilize space heaters and/or fans to ventilate areas receiving finishes as required within the buildings.
  11. The ceiling grid, cabinetry and other similar building components may be installed prior to the application of some or all coats of paint and/or finishes.
  12. Obtain written direction from the CM prior to proceeding with any work in each area/room. Finish painting in high traffic areas (i.e., stairwells, corridors, entry/exit areas, etc.) shall be delayed until written directions are issued to the Contractor.
  13. The Plaster and Drywall Prime contractor is responsible for any cementitious wall stucco/plaster work for all opening closures. Painting contractor shall paint all opening closures.
  14. This package is responsible for painting all louver closures upon the removal of the HVAC components within the walls at all Classrooms for the ventilators. This package shall review all classroom conditions for this new scope at the time of bid and capture all components. This contractor shall walk and account for this work as part of the pre-bid jobwalk and in their bid amount.
  15. Finish coats will be scheduled by the Contractor and in such a manner so that final coat of painting shall be applied after the completion of all basic work in the building (on an area by area basis) and entirely separate from the prime and first coats. Prior to the application of the finish coat in any area, this Contractor shall patch minor damage to finished walls etc. Paint final/finish coat to be roller applied at all interior wall surfaces. Paint final/finish coat may be spray applied at exterior walls. Do not paint over labels, tags, etc., which identify door or frame components, composition, or rating.
  16. Color-tint the prime and successive undercoats so that the proper number of paint coats can be approved by the Contractor. Obtain inspection of each coat before application of successive coats. Failure to obtain inspection may result in application of additional coats.

❖ **Work Performed by Others (Bid Package Specific-Reference the Above):**

**Demolition & Abatement (Bid Package #HMES-01) will provide:**

1. This Package shall provide all selective demolition efforts as noted in the Contract Documents. It is the responsibility of all Bid Packages to accurately coordinate all new work with the Demolition Bid Package to ensure all items are demolished and removed for a complete system.
2. This Package shall provide all necessary Hazardous Materials Abatement as noted in the YES Environmental, Inc. Summary Plan.

**END OF SECTION**





# **CAMPUS HVAC SYSTEM UPGRADES**

## **BID PACKAGE #HMES-11 CARPENTRY & INSULATION**

### **SCOPE OF WORK**



# **BID PACKAGE #HMES-11**

## **CARPENTRY & INSULATION**

### **SCOPE OF WORK**

#### **PRIME CONTRACTOR**

(Prime must possess a **Class C-2 or C-5 License**)

Spec. Section	Description	Spec. Section	Description
Division 00	Procurement and Contracting	06-41-00	Solid Polymer Fabrications
Division 01	General Requirements	07-21-00	Building Insulation
*02-41-19	Selective Demolition	07-25-00	Weather Barriers
06-10-00	Rough Carpentry	*07-92-00	Joint Sealants
06-20-00	Finish Carpentry	*Division 22	Plumbing
06-20-13	Exterior Finish Carpentry	*Division 23	Heating, Ventilating, & Air-Cond.
06-40-00	Interior Architectural Woodwork	*Division 26	Electrical

*\*As applicable to work within this Bid Package.*

#### **ATTACHMENT(S):**

- SUMMARY OF COMPREHENSIVE ASBESTOS, LEAD, PCB, MERCURY & FLUORESCENT LIGHT TUBE INSPECTION FINDINGS (YES ENVIRONMENTAL, INC.; DATED JUNE 2023)
- LEAD REMEDIATION SCOPE OF WORK (YES ENVIRONMENTAL, INC.; DATED MARCH 28, 2024)

#### **Carpentry and Insulation (Trade Specific) Scope of Work:**

1. This Bid Package shall be responsible for the Carpentry and Insulation for all other components not specified within this scope of work yet reflected in the Contract Documents. Any questions regarding scope of work are to be addressed as part of the Pre-Bid Clarification period.
2. Contractor to coordinate and participate in the Pre-Demolition Conference with the Demolition Bid Package to review all new installation work with Construction Manager, Inspector of Record, Owner, and all Bid Packages to ensure demolition efforts are met for new work to be installed by this Bid Package.
3. Contractor shall repair or replace any existing or new construction that is damaged from water intrusion due to failure of required weather protection at contractor's expense.
4. This Contractor to assume a minimum of **75 SF** per each selective demolition effort as indicated in the drawings or not that will require new work patch back at the floors and/or walls. This assumption per each location will cover all new framing, insulation, backing, rough-in, etc.

5. All ADA Classroom sink adjustments will be part of the Base Bid Amount to the extent of ADA Accessibility and clearance requirements. All other casework and shelving is to be submitted as part of a Bid Alternate as clarified in the Bid Proposal Form.
6. This Package to coordinate the demolition and new work extents of all Restroom Modernizations with all Bid Packages to ensure all items are coordinated to include wall rough-in carpentry for new finishes.
7. Provide all extension cords or temporary power components required for this work.
8. Contractor to provide and install all new framed wall partitions at all Restroom Modernization locations. Include all coordination with other Bid Packages.
9. Contractor to patch walls and ceiling penetrations flush to match adjacent finish where items indicated to be removed.
10. This Package shall be responsible for participating in Pre-Work Conference Meetings with all Bid Packages to coordinate the new work to be installed.
11. Provide and install all Carpentry for Roof, Walls, Backing, Walls, Furring, etc. for all Bid Packages as coordinated and required.
12. Contractor to install items plumb and level, accurately fitted from defects.
13. Provide and install ALL joint sealants as specified in their new work.
14. This package will coordinate and provide all roof penetrations, framing, anchors, cutting, patching, blockouts, structural support, underlayments, plywood sheathing, nailers, weather protection, roof openings, leveling of the prefabricated curbs, etc. with necessary Bid Packages.
15. Coordinate with the Plaster & Drywall Trade contractor for the installation of all Gypsum Board required framing as indicated in the Contract Documents.
16. This contractor to coordinate, provide, and install all rough hardware, bent or otherwise custom fabricated bolts, hold-down bolts, hangers, and other miscellaneous steel and/or iron shapes, or any other fasteners that is required.
17. Provide and install Rough Carpentry, Blocking, and Backing to other Trades and coordinate/initiate of all efforts prior to closing up walls. Contractor will coordinate with other trades and CM for necessary blocking and backing prior to commencement of rough carpentry and wall finishes.
18. All Casework, Countertops, Lock Systems, etc. are the responsibility of this Bid Package in its entirety.
19. This package to coordinate with the Mechanical-HVAC Trade Package to ensure the new Mechanical curbs are framed correctly and slope in the correct location for installation.
20. Provide and install all blocking, backing, framed openings and rough hardware for all Bid Packages. It will be the responsibility of this Contractor to coordinate locations and member sizes with various Bid Packages. Blocking/Backing/Opening work to include but not limited to access panels, toilet partitions, toilet accessories, cabinets, white/ smart/ tack boards, projection screens, television or projector mounts, ladders, electrical and signal panels, doors, windows, etc.
21. Work to include all framing systems, all expansion joints, insulation, flashings, edge metals, soffit vents, extruded aluminum metals, reglets, control joints, expansion joints, and accessories and sealers required for this scope package to ensure all exterior openings are closed up as noted in the Contract Documents.
22. Anchors to be drilled and installed or shot pins for the stud walls shall be the responsibility of this Bid Package.
23. If casework additive alternate is not accepted, casework at accessible sink locations in classrooms, replacement cabinets may match existing casework material, finish, and color. All other components – including, but not limited to, substrates, fastening, anchorage and performance – shall be as indicated in Drawings and Specifications. Replacement casework at accessible sinks can be such that it matches existing casework in material, finish, and color.
24. This package is responsible for accurately providing and installing all necessary blocking, framing, louver closures at the walls at classroom interiors, cementitious plaster at building

exteriors, etc. upon the removal of the HVAC components within the walls at all Classrooms for the ventilators. This package to review all classroom conditions for this new scope at the time of bid and capture all components for a weathertight system. This contractor to walk and account for this work as part of the pre-bid jobwalk and in their bid amount.

❖ **Work Performed by Others (Bid Package Specific-Reference the Above):**

1. **Demolition & Abatement (Bid Package #HMES-01) will provide:**

- a. This Package shall provide all selective demolition efforts as noted in the Contract Documents. It is the responsibility of all Bid Packages to accurately coordinate all new work with the Demolition Bid Package to ensure all items are demolished and removed for a complete system.
- b. This Package shall provide all necessary Hazardous Materials Abatement as noted in the YES Environmental, Inc. Summary Plan.

❖ **ADDITIVE ALTERNATE(S):**

1. **Additive Alternate #01 – Casework**

This Bid Package to include Additive Alternate #01 to add to their scope the New Casework in its entirety as specified in the Contract Documents. **This excludes all new ADA Classroom Sink adjustments which are a part of the Base Bid Amount.**

❖ **ALLOWANCE(S):**

1. **Allowance #01 – Unforeseen Conditions**

Include the sum of **\$50,000.00** in your Contract Amount for the following: Unforeseen items not identified in the Contract Documents, to be used at the discretion and direction of the Construction Manager and District.

**END OF SECTION**



# **CAMPUS HVAC SYSTEM UPGRADES**

## **BID PACKAGE #HMES-01 DEMOLITION & ABATEMENT**

**00 41 13  
BID FORM & PROPOSAL**

**BID FORM AND PROPOSAL**  
**BID PACKAGE: #HMES-01 – DEMOLITION & ABATEMENT**

To: Governing Board of the Bakersfield City School District (“District” or “Owner”)

From: \_\_\_\_\_  
(Proper Name of Bidder)

The undersigned declares that Bidder has read and understands the Contract Documents, including, without limitation, the Notice to Bidders and the Instructions to Bidders, and agrees and proposes to furnish all necessary labor, materials, and equipment to perform and furnish all work in accordance with the terms and conditions of the Contract Documents, including, without limitation, the Drawings and Specifications of Bid No. 22214.00-32, for the following project known as:

**Horace Mann Elementary School – Campus HVAC System Upgrades**

(“Project” or “Contract”) and will accept in full payment for that Work the following total lump sum amount, all taxes included:

_____ dollars	\$ _____
<b><i>BASE BID</i></b>	
<b><i>Bidder acknowledges and agrees that the Base Bid accounts for any and all Allowance(s), Total Cost for Unit Prices, and OCIP excluded costs.</i></b>	

**Additive Alternates:**

**Additive Alternate #01 – Doors, Windows, and Frames Demolition**

_____ dollars	\$ _____
Additive/Deductive	
This Bid Package to include Additive Alternate #01 to add the Demolition component to the existing Doors, Door Frames, Windows, Window Frames, and Abatement as specified in the Contract Documents. This excludes all new Restroom Doors which are a part of the Base Bid Amount. The District shall review all Alternates after Bids are opened and select which to proceed.	

**Additive Alternate #02 – Casework Demolition**

_____ dollars	\$ _____
Additive/Deductive	
This Bid Package to include Additive Alternate #02 to add the Demolition component to the existing Casework as specified in the Contract Documents. This excludes all new ADA	

Classroom Sink adjustments which are a part of the Base Bid Amount. The District shall review all Alternates after Bids are opened and select which to proceed.

**Additive Alternate #04 – Roofing Demolition & Abatement @ Buildings M-2 & M-3**

\_\_\_\_\_ dollars      \$ \_\_\_\_\_  
Additive/Deductive

This Bid Package to include Additive Alternate #04 to add the demolition and abatement to the existing Building M-2 & M-3 roofing only. All demolition and abatement for the roof openings as reflected in the drawings are a part of the Base Bid Amount. The District shall review all Alternates after Bids are opened and select which to proceed.

Descriptions of alternates are primarily scope definitions and do not necessarily detail the full range of materials and processes needed to complete the construction.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

**Additional Detail Regarding Calculation of Base Bid**

1. **Unit Prices.** The Bidder’s Base Bid includes the following unit prices, which the Bidder must provide and the District may, at its discretion, utilize in valuing additive and/or deductive change orders (Unit Prices shall include all labor, materials, services, profit, overhead, insurance, bonds, taxes, and all other incidental costs of Contractor, subcontractors, and suppliers):

SCHEDULE OF UNIT PRICES

<u>Item No.</u>	<u>Description</u>	<u>Unit of Measure</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total Cost = Unit Price x Estimated Quantity (Included in Base Bid)</u>
N/A	N/A	N/A	N/A	\$ _____	\$ _____
				\$ _____	\$ _____

Where scope of Work is decreased, all Work pertaining to the item, whether specifically stated or not, shall be omitted, and where scope of Work is increased, all work pertaining to that item required to render same ready for use on the Project in accordance with intentions of the Drawings and Specifications shall be included in the above agreed-upon price amount.

2. **Allowance.** The Bidder’s Base Bid shall include the following Allowances for the Tasks/Work as noted here:

<b>Task/Work</b>	<b>Allowance Value</b>
<b>Allowance #01 – Unforeseen Conditions (Ref. Div 01s)</b>	<b>\$50,000.00</b>
<b>Total Allowance Value</b>	<b>\$50,000.00</b>

The Allowance Value for an Allowance Item includes the direct cost of labor, materials, equipment, transportation, taxes and insurance associated with the applicable Allowance Item. All other costs, including Contractor’s overall project management and general conditions costs, overhead and fee, are deemed to be included in the Base Bid, and are not subject to adjustment regardless of the actual amount of the Allowance Item.

The District shall have sole discretion to authorize all expenditures from the Allowances. The District shall process expenditures from the Allowances in the form



of an Allowance Expenditure Directive ("AED"). Any unused Allowance or unused portion thereof shall be deducted from the Contract Price to the benefit of the District.

3. The undersigned has reviewed the Work outlined in the Contract Documents and fully understands the scope of Work required in this Proposal, understands the construction and project management function(s) is described in the Contract Documents, and that each Bidder who is awarded a contract shall be in fact a prime contractor, not a subcontractor, to the District, and agrees that its Proposal, if accepted by the District, will be the basis for the Bidder to enter into a contract with the District in accordance with the intent of the Contract Documents.
4. The undersigned has notified the District in writing of any discrepancies or omissions or of any doubt, questions, or ambiguities about the meaning of any of the Contract Documents, and has contacted the Construction Manager before bid date to verify the issuance of any clarifying Addenda.
5. The undersigned agrees to commence work under this Contract on the date established in the Contract Documents and to complete all work within the time specified in the Contract Documents.
6. The liquidated damages clause of the General Conditions and Agreement is hereby acknowledged.
7. It is understood that the District reserves the right to reject this bid and that the bid shall remain open to acceptance and is irrevocable for a period of ninety (90) days.
8. The following documents are attached hereto:
  - Bid Bond on the District's form or other security (for electronic submissions, provide a photocopy of the Bid Bond).
  - Designated Subcontractors List
  - Site Visit Certification
  - Non-Collusion Declaration
  - Iran Contracting Act Certification
9. Receipt and acceptance of the following Addenda is hereby acknowledged:

No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____

10. Bidder acknowledges that the license required for performance of the Work is a \_\_\_\_\_ license.
11. Bidder hereby certifies that Bidder is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the Work.

12. Bidder specifically acknowledges and understands that if it is awarded the Contract, that it shall perform the Work of the Project while complying with all requirements of the Department of Industrial Relations.
13. Bidder hereby certifies that its bid includes sufficient funds to permit Bidder to comply with all local, state or federal labor laws or regulations during the Project, including payment of prevailing wage, and that Bidder will comply with the provisions of Labor Code section 2810(d) if awarded the Contract.
14. [Bidder agrees to comply with all requirements of the Project Labor Agreement].
15. Bidder specifically acknowledges and understands that if it is awarded the Contract, that it shall perform the Work of the Project while complying with the Davis Bacon Act, applicable reporting requirements, and any and all other applicable requirements for federal funding. If a conflict exists, the more stringent requirement shall control.
16. Bidder represents that it is competent, knowledgeable, and has special skills with respect to the nature, extent, and inherent conditions of the Work to be performed. Bidder further acknowledges that there are certain peculiar and inherent conditions existent in the construction of the Work that may create, during the Work, unusual or peculiar unsafe conditions hazardous to persons and property.
17. Bidder expressly acknowledges that it is aware of such peculiar risks and that it has the skill and experience to foresee and to adopt protective measures to adequately and safely perform the Work with respect to such hazards.
18. Bidder expressly acknowledges that it is familiar with and capable of complying with applicable federal, State, and local requirements relating to COVID-19 or other public health emergency/epidemic/pandemic including, if required, preparing, posting, and implementing a Social Distancing Protocol.
19. Bidder expressly acknowledges that it is aware that if a false claim is knowingly submitted (as the terms "claim" and "knowingly" are defined in the California False Claims Act, Gov. Code, § 12650 et seq.), the District will be entitled to civil remedies set forth in the California False Claim Act. It may also be considered fraud and the Contractor may be subject to criminal prosecution.
20. The undersigned Bidder certifies that it is, at the time of bidding, and shall be throughout the period of the Contract, licensed by the State of California to do the type of work required under the terms of the Contract Documents and registered as a public works contractor with the Department of Industrial Relations. Bidder further certifies that it is regularly engaged in the general class and type of work called for in the Contract Documents.

Furthermore, Bidder hereby certifies to the District that all representations, certifications, and statements made by Bidder, as set forth in this bid form, are true and correct and are made under penalty of perjury.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_

Name of Bidder: \_\_\_\_\_

Type of Organization: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

Address of Bidder: \_\_\_\_\_

Taxpayer Identification No. of Bidder: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

E-mail: \_\_\_\_\_ Web Page: \_\_\_\_\_

Contractor's License No(s): No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Public Works Contractor Registration No.: \_\_\_\_\_

END OF DOCUMENT



# **CAMPUS HVAC SYSTEM UPGRADES**

## **BID PACKAGE #HMES-02 GENERAL TRADE**

### **00 41 13 BID FORM & PROPOSAL**

**BID FORM AND PROPOSAL**  
**BID PACKAGE: #HMES-02 – GENERAL TRADE**

To: Governing Board of the Bakersfield City School District ("District" or "Owner")

From: \_\_\_\_\_  
(Proper Name of Bidder)

The undersigned declares that Bidder has read and understands the Contract Documents, including, without limitation, the Notice to Bidders and the Instructions to Bidders, and agrees and proposes to furnish all necessary labor, materials, and equipment to perform and furnish all work in accordance with the terms and conditions of the Contract Documents, including, without limitation, the Drawings and Specifications of Bid No. 22214.00-32, for the following project known as:

**Horace Mann Elementary School – Campus HVAC System Upgrades**

("Project" or "Contract") and will accept in full payment for that Work the following total lump sum amount, all taxes included:

_____ dollars	\$ _____
<b>BASE BID</b>	
<b><i>Bidder acknowledges and agrees that the Base Bid accounts for any and all Allowance(s), Total Cost for Unit Prices, and OCIP excluded costs.</i></b>	

**Additive Alternates:**

**Additive Alternate #01 – Doors, Windows, and Frames**

_____ dollars	\$ _____
Additive/Deductive	
This Bid Package to include Additive Alternate #01 to add in their scope the New Doors, Door Frames, Windows, and Window Frames in its entirety as specified in the Contract Documents. This excludes all new Restroom Doors which are a part of the Base Bid Amount. The District shall review all Alternates after Bids are opened and select which to proceed.	

**Additive Alternate #02 – Door Hardware**

_____ dollars	\$ _____
Additive/Deductive	
This Bid Package to include Additive Alternate #02 to add in their scope the Demolition and New Door Hardware in its entirety as specified in the Contract Documents. This excludes all	

new ADA Classroom Sink adjustments which are a part of the Base Bid Amount. The District shall review all Alternates after Bids are opened and select which to proceed.

**Additive Alternate #04 – New Roofing @ Buildings M-2 & M-3**

\_\_\_\_\_ dollars      \$ \_\_\_\_\_  
Additive/Deductive

This Bid Package to include Additive Alternate #04 to add new roofing to existing Buildings M-2 & M-3 only. All roofing patch backs for the roof openings as reflected in the drawings are a part of the Base Bid Amount. The District shall review all Alternates after Bids are opened and select which to proceed.

Descriptions of alternates are primarily scope definitions and do not necessarily detail the full range of materials and processes needed to complete the construction.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

**Additional Detail Regarding Calculation of Base Bid**

1. **Unit Prices.** The Bidder’s Base Bid includes the following unit prices, which the Bidder must provide and the District may, at its discretion, utilize in valuing additive and/or deductive change orders (Unit Prices shall include all labor, materials, services, profit, overhead, insurance, bonds, taxes, and all other incidental costs of Contractor, subcontractors, and suppliers):

SCHEDULE OF UNIT PRICES

<u>Item No.</u>	<u>Description</u>	<u>Unit of Measure</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total Cost = Unit Price x Estimated Quantity (Included in Base Bid)</u>
N/A	N/A	N/A	N/A	\$ _____	\$ _____
				\$ _____	\$ _____

Where scope of Work is decreased, all Work pertaining to the item, whether specifically stated or not, shall be omitted, and where scope of Work is increased, all work pertaining to that item required to render same ready for use on the Project in accordance with intentions of the Drawings and Specifications shall be included in the above agreed-upon price amount.

2. **Allowance.** The Bidder’s Base Bid shall include the following Allowances for the Tasks/Work as noted here:

<b>Task/Work</b>	<b>Allowance Value</b>
<b>Allowance #01 – Unforeseen Conditions (Ref. Div 01s)</b>	<b>\$50,000.00</b>
<b>Total Allowance Value</b>	<b>\$50,000.00</b>

The Allowance Value for an Allowance Item includes the direct cost of labor, materials, equipment, transportation, taxes and insurance associated with the applicable Allowance Item. All other costs, including Contractor’s overall project management and general conditions costs, overhead and fee, are deemed to be included in the Base Bid, and are not subject to adjustment regardless of the actual amount of the Allowance Item.

The District shall have sole discretion to authorize all expenditures from the Allowances. The District shall process expenditures from the Allowances in the form of an Allowance Expenditure Directive ("AED"). Any unused Allowance or unused portion thereof shall be deducted from the Contract Price to the benefit of the District.

3. The undersigned has reviewed the Work outlined in the Contract Documents and fully understands the scope of Work required in this Proposal, understands the construction and project management function(s) is described in the Contract Documents, and that each Bidder who is awarded a contract shall be in fact a prime contractor, not a subcontractor, to the District, and agrees that its Proposal, if accepted by the District, will be the basis for the Bidder to enter into a contract with the District in accordance with the intent of the Contract Documents.
4. The undersigned has notified the District in writing of any discrepancies or omissions or of any doubt, questions, or ambiguities about the meaning of any of the Contract Documents, and has contacted the Construction Manager before bid date to verify the issuance of any clarifying Addenda.
5. The undersigned agrees to commence work under this Contract on the date established in the Contract Documents and to complete all work within the time specified in the Contract Documents.
6. The liquidated damages clause of the General Conditions and Agreement is hereby acknowledged.
7. It is understood that the District reserves the right to reject this bid and that the bid shall remain open to acceptance and is irrevocable for a period of ninety (90) days.
8. The following documents are attached hereto:
  - Bid Bond on the District's form or other security (for electronic submissions, provide a photocopy of the Bid Bond).
  - Designated Subcontractors List
  - Site Visit Certification
  - Non-Collusion Declaration
  - Iran Contracting Act Certification



9. Receipt and acceptance of the following Addenda is hereby acknowledged:

No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____

10. Bidder acknowledges that the license required for performance of the Work is a \_\_\_\_\_ license.
11. Bidder hereby certifies that Bidder is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the Work.
12. Bidder specifically acknowledges and understands that if it is awarded the Contract, that it shall perform the Work of the Project while complying with all requirements of the Department of Industrial Relations.
13. Bidder hereby certifies that its bid includes sufficient funds to permit Bidder to comply with all local, state or federal labor laws or regulations during the Project, including payment of prevailing wage, and that Bidder will comply with the provisions of Labor Code section 2810(d) if awarded the Contract.
14. [Bidder agrees to comply with all requirements of the Project Labor Agreement].
15. Bidder specifically acknowledges and understands that if it is awarded the Contract, that it shall perform the Work of the Project while complying with the Davis Bacon Act, applicable reporting requirements, and any and all other applicable requirements for federal funding. If a conflict exists, the more stringent requirement shall control.
16. Bidder represents that it is competent, knowledgeable, and has special skills with respect to the nature, extent, and inherent conditions of the Work to be performed. Bidder further acknowledges that there are certain peculiar and inherent conditions existent in the construction of the Work that may create, during the Work, unusual or peculiar unsafe conditions hazardous to persons and property.
17. Bidder expressly acknowledges that it is aware of such peculiar risks and that it has the skill and experience to foresee and to adopt protective measures to adequately and safely perform the Work with respect to such hazards.
18. Bidder expressly acknowledges that it is familiar with and capable of complying with applicable federal, State, and local requirements relating to COVID-19 or other public health emergency/epidemic/pandemic including, if required, preparing, posting, and implementing a Social Distancing Protocol.

19. Bidder expressly acknowledges that it is aware that if a false claim is knowingly submitted (as the terms "claim" and "knowingly" are defined in the California False Claims Act, Gov. Code, § 12650 et seq.), the District will be entitled to civil remedies set forth in the California False Claim Act. It may also be considered fraud and the Contractor may be subject to criminal prosecution.
  
20. The undersigned Bidder certifies that it is, at the time of bidding, and shall be throughout the period of the Contract, licensed by the State of California to do the type of work required under the terms of the Contract Documents and registered as a public works contractor with the Department of Industrial Relations. Bidder further certifies that it is regularly engaged in the general class and type of work called for in the Contract Documents.

Furthermore, Bidder hereby certifies to the District that all representations, certifications, and statements made by Bidder, as set forth in this bid form, are true and correct and are made under penalty of perjury.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_

Name of Bidder: \_\_\_\_\_

Type of Organization: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

Address of Bidder: \_\_\_\_\_

Taxpayer Identification No. of Bidder: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

E-mail: \_\_\_\_\_ Web Page: \_\_\_\_\_

Contractor's License No(s): No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Public Works Contractor Registration No.: \_\_\_\_\_

END OF DOCUMENT



# **CAMPUS HVAC SYSTEM UPGRADES**

## **BID PACKAGE #HMES-03 MECHANICAL**

### **00 41 13 BID FORM & PROPOSAL**

**BID FORM AND PROPOSAL**  
**BID PACKAGE: #HMES-03 – MECHANICAL**

To: Governing Board of the Bakersfield City School District (“District” or “Owner”)

From: \_\_\_\_\_  
(Proper Name of Bidder)

The undersigned declares that Bidder has read and understands the Contract Documents, including, without limitation, the Notice to Bidders and the Instructions to Bidders, and agrees and proposes to furnish all necessary labor, materials, and equipment to perform and furnish all work in accordance with the terms and conditions of the Contract Documents, including, without limitation, the Drawings and Specifications of Bid No. 22214.00-32, for the following project known as:

**Horace Mann Elementary School – Campus HVAC System Upgrades**

(“Project” or “Contract”) and will accept in full payment for that Work the following total lump sum amount, all taxes included:

_____ dollars      \$ _____
<b><i>BASE BID</i></b>
<b><i>Bidder acknowledges and agrees that the Base Bid accounts for any and all Allowance(s), Total Cost for Unit Prices, and OCIP excluded costs.</i></b>

**Deductive Alternates:**

Not applicable.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

**Additional Detail Regarding Calculation of Base Bid**

1. **Unit Prices.** The Bidder’s Base Bid includes the following unit prices, which the Bidder must provide and the District may, at its discretion, utilize in valuing additive and/or deductive change orders (Unit Prices shall include all labor, materials, services, profit, overhead, insurance, bonds, taxes, and all other incidental costs of Contractor, subcontractors, and suppliers):

SCHEDULE OF UNIT PRICES

<u>Item No.</u>	<u>Description</u>	<u>Unit of Measure</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total Cost = Unit Price x Estimated Quantity (Included in Base Bid)</u>
				\$ _____	\$ _____
				\$ _____	\$ _____

Where scope of Work is decreased, all Work pertaining to the item, whether specifically stated or not, shall be omitted, and where scope of Work is increased, all work pertaining to that item required to render same ready for use on the Project in accordance with intentions of the Drawings and Specifications shall be included in the above agreed-upon price amount.

2. **Allowance.** The Bidder’s Base Bid shall include the following Allowances for the Tasks/Work as noted here:

<b>Task/Work</b>	<b>Allowance Value</b>
<b>Allowance #01 – Unforeseen Conditions (Ref. Div 01s)</b>	<b>\$50,000.00</b>
<b>Total Allowance Value</b>	<b>\$50,000.00</b>

The Allowance Value for an Allowance Item includes the direct cost of labor, materials, equipment, transportation, taxes and insurance associated with the applicable Allowance Item. All other costs, including Contractor’s overall project management and general conditions costs, overhead and fee, are deemed to be included in the Base Bid, and are not subject to adjustment regardless of the actual amount of the Allowance Item.

The District shall have sole discretion to authorize all expenditures from the Allowances. The District shall process expenditures from the Allowances in the form of an Allowance Expenditure Directive ("AED"). Any unused Allowance or unused portion thereof shall be deducted from the Contract Price to the benefit of the District.

3. The undersigned has reviewed the Work outlined in the Contract Documents and fully understands the scope of Work required in this Proposal, understands the construction and project management function(s) is described in the Contract Documents, and that each Bidder who is awarded a contract shall be in fact a prime contractor, not a subcontractor, to the District, and agrees that its Proposal, if accepted by the District, will be the basis for the Bidder to enter into a contract with the District in accordance with the intent of the Contract Documents.
4. The undersigned has notified the District in writing of any discrepancies or omissions or of any doubt, questions, or ambiguities about the meaning of any of the Contract Documents, and has contacted the Construction Manager before bid date to verify the issuance of any clarifying Addenda.
5. The undersigned agrees to commence work under this Contract on the date established in the Contract Documents and to complete all work within the time specified in the Contract Documents.
6. The liquidated damages clause of the General Conditions and Agreement is hereby acknowledged.
7. It is understood that the District reserves the right to reject this bid and that the bid shall remain open to acceptance and is irrevocable for a period of ninety (90) days.
8. The following documents are attached hereto:
  - Bid Bond on the District's form or other security (for electronic submissions, provide a photocopy of the Bid Bond).
  - Designated Subcontractors List
  - Site Visit Certification
  - Non-Collusion Declaration
  - Iran Contracting Act Certification
9. Receipt and acceptance of the following Addenda is hereby acknowledged:

No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____

10. Bidder acknowledges that the license required for performance of the Work is a \_\_\_\_\_ license.

11. Bidder hereby certifies that Bidder is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the Work.
12. Bidder specifically acknowledges and understands that if it is awarded the Contract, that it shall perform the Work of the Project while complying with all requirements of the Department of Industrial Relations.
13. Bidder hereby certifies that its bid includes sufficient funds to permit Bidder to comply with all local, state or federal labor laws or regulations during the Project, including payment of prevailing wage, and that Bidder will comply with the provisions of Labor Code section 2810(d) if awarded the Contract.
14. [Bidder agrees to comply with all requirements of the Project Labor Agreement].
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16. Bidder represents that it is competent, knowledgeable, and has special skills with respect to the nature, extent, and inherent conditions of the Work to be performed. Bidder further acknowledges that there are certain peculiar and inherent conditions existent in the construction of the Work that may create, during the Work, unusual or peculiar unsafe conditions hazardous to persons and property.
17. Bidder expressly acknowledges that it is aware of such peculiar risks and that it has the skill and experience to foresee and to adopt protective measures to adequately and safely perform the Work with respect to such hazards.
18. Bidder expressly acknowledges that it is familiar with and capable of complying with applicable federal, State, and local requirements relating to COVID-19 or other public health emergency/epidemic/pandemic including, if required, preparing, posting, and implementing a Social Distancing Protocol.
19. Bidder expressly acknowledges that it is aware that if a false claim is knowingly submitted (as the terms "claim" and "knowingly" are defined in the California False Claims Act, Gov. Code, § 12650 et seq.), the District will be entitled to civil remedies set forth in the California False Claim Act. It may also be considered fraud and the Contractor may be subject to criminal prosecution.
20. The undersigned Bidder certifies that it is, at the time of bidding, and shall be throughout the period of the Contract, licensed by the State of California to do the type of work required under the terms of the Contract Documents and registered as a public works contractor with the Department of Industrial Relations. Bidder further certifies that it is regularly engaged in the general class and type of work called for in the Contract Documents.

Furthermore, Bidder hereby certifies to the District that all representations, certifications, and statements made by Bidder, as set forth in this bid form, are true and correct and are made under penalty of perjury.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_

Name of Bidder: \_\_\_\_\_

Type of Organization: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

Address of Bidder: \_\_\_\_\_

Taxpayer Identification No. of Bidder: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

E-mail: \_\_\_\_\_ Web Page: \_\_\_\_\_

Contractor's License No(s): No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Public Works Contractor Registration No.: \_\_\_\_\_

END OF DOCUMENT





# **CAMPUS HVAC SYSTEM UPGRADES**

## **BID PACKAGE #HMES-04 ELECTRICAL & LOW VOLTAGE**

### **00 41 13 BID FORM & PROPOSAL**

**BID FORM AND PROPOSAL**  
**BID PACKAGE: #HMES-04 – ELECTRICAL & LOW VOLTAGE**

To: Governing Board of the Bakersfield City School District (“District” or “Owner”)

From: \_\_\_\_\_  
(Proper Name of Bidder)

The undersigned declares that Bidder has read and understands the Contract Documents, including, without limitation, the Notice to Bidders and the Instructions to Bidders, and agrees and proposes to furnish all necessary labor, materials, and equipment to perform and furnish all work in accordance with the terms and conditions of the Contract Documents, including, without limitation, the Drawings and Specifications of Bid No. 22214.00-32, for the following project known as:

**Horace Mann Elementary School – Campus HVAC System Upgrades**

(“Project” or “Contract”) and will accept in full payment for that Work the following total lump sum amount, all taxes included:

_____ dollars      \$ _____
<b><i>BASE BID</i></b>
<b><i>Bidder acknowledges and agrees that the Base Bid accounts for any and all Allowance(s), Total Cost for Unit Prices, and OCIP excluded costs.</i></b>

**Alternates:**

Not applicable.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

**Additional Detail Regarding Calculation of Base Bid**

1. **Unit Prices.** The Bidder’s Base Bid includes the following unit prices, which the Bidder must provide and the District may, at its discretion, utilize in valuing additive and/or deductive change orders (Unit Prices shall include all labor, materials, services, profit, overhead, insurance, bonds, taxes, and all other incidental costs of Contractor, subcontractors, and suppliers):

SCHEDULE OF UNIT PRICES

<u>Item No.</u>	<u>Description</u>	<u>Unit of Measure</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total Cost = Unit Price x Estimated Quantity (Included in Base Bid)</u>
N/A	N/A	N/A	N/A	\$ _____	\$ _____
				\$ _____	\$ _____

Where scope of Work is decreased, all Work pertaining to the item, whether specifically stated or not, shall be omitted, and where scope of Work is increased, all work pertaining to that item required to render same ready for use on the Project in accordance with intentions of the Drawings and Specifications shall be included in the above agreed-upon price amount.

2. **Allowance.** The Bidder’s Base Bid shall include the following Allowances for the Tasks/Work as noted here:

<b>Task/Work</b>	<b>Allowance Value</b>
<b>Allowance #01 – Unforeseen Conditions (Ref. Div 01s)</b>	<b>\$100,000.00</b>
<b>Total Allowance Value</b>	<b>\$100,000.00</b>

The Allowance Value for an Allowance Item includes the direct cost of labor, materials, equipment, transportation, taxes and insurance associated with the applicable Allowance Item. All other costs, including Contractor’s overall project management and general conditions costs, overhead and fee, are deemed to be included in the Base Bid, and are not subject to adjustment regardless of the actual amount of the Allowance Item.

The District shall have sole discretion to authorize all expenditures from the Allowances. The District shall process expenditures from the Allowances in the form of an Allowance Expenditure Directive ("AED"). Any unused Allowance or unused portion thereof shall be deducted from the Contract Price to the benefit of the District.

3. The undersigned has reviewed the Work outlined in the Contract Documents and fully understands the scope of Work required in this Proposal, understands the construction and project management function(s) is described in the Contract Documents, and that each Bidder who is awarded a contract shall be in fact a prime contractor, not a subcontractor, to the District, and agrees that its Proposal, if accepted by the District, will be the basis for the Bidder to enter into a contract with the District in accordance with the intent of the Contract Documents.
4. The undersigned has notified the District in writing of any discrepancies or omissions or of any doubt, questions, or ambiguities about the meaning of any of the Contract Documents, and has contacted the Construction Manager before bid date to verify the issuance of any clarifying Addenda.
5. The undersigned agrees to commence work under this Contract on the date established in the Contract Documents and to complete all work within the time specified in the Contract Documents.
6. The liquidated damages clause of the General Conditions and Agreement is hereby acknowledged.
7. It is understood that the District reserves the right to reject this bid and that the bid shall remain open to acceptance and is irrevocable for a period of ninety (90) days.
8. The following documents are attached hereto:
  - Bid Bond on the District's form or other security (for electronic submissions, provide a photocopy of the Bid Bond).
  - Designated Subcontractors List
  - Site Visit Certification
  - Non-Collusion Declaration
  - Iran Contracting Act Certification
9. Receipt and acceptance of the following Addenda is hereby acknowledged:

No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____

10. Bidder acknowledges that the license required for performance of the Work is a \_\_\_\_\_ license.

11. Bidder hereby certifies that Bidder is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the Work.
12. Bidder specifically acknowledges and understands that if it is awarded the Contract, that it shall perform the Work of the Project while complying with all requirements of the Department of Industrial Relations.
13. Bidder hereby certifies that its bid includes sufficient funds to permit Bidder to comply with all local, state or federal labor laws or regulations during the Project, including payment of prevailing wage, and that Bidder will comply with the provisions of Labor Code section 2810(d) if awarded the Contract.
14. [Bidder agrees to comply with all requirements of the Project Labor Agreement].
15. Bidder specifically acknowledges and understands that if it is awarded the Contract, that it shall perform the Work of the Project while complying with the Davis Bacon Act, applicable reporting requirements, and any and all other applicable requirements for federal funding. If a conflict exists, the more stringent requirement shall control.
16. Bidder represents that it is competent, knowledgeable, and has special skills with respect to the nature, extent, and inherent conditions of the Work to be performed. Bidder further acknowledges that there are certain peculiar and inherent conditions existent in the construction of the Work that may create, during the Work, unusual or peculiar unsafe conditions hazardous to persons and property.
17. Bidder expressly acknowledges that it is aware of such peculiar risks and that it has the skill and experience to foresee and to adopt protective measures to adequately and safely perform the Work with respect to such hazards.
18. Bidder expressly acknowledges that it is familiar with and capable of complying with applicable federal, State, and local requirements relating to COVID-19 or other public health emergency/epidemic/pandemic including, if required, preparing, posting, and implementing a Social Distancing Protocol.
19. Bidder expressly acknowledges that it is aware that if a false claim is knowingly submitted (as the terms "claim" and "knowingly" are defined in the California False Claims Act, Gov. Code, § 12650 et seq.), the District will be entitled to civil remedies set forth in the California False Claim Act. It may also be considered fraud and the Contractor may be subject to criminal prosecution.
20. The undersigned Bidder certifies that it is, at the time of bidding, and shall be throughout the period of the Contract, licensed by the State of California to do the type of work required under the terms of the Contract Documents and registered as a public works contractor with the Department of Industrial Relations. Bidder further certifies that it is regularly engaged in the general class and type of work called for in the Contract Documents.

Furthermore, Bidder hereby certifies to the District that all representations, certifications, and statements made by Bidder, as set forth in this bid form, are true and correct and are made under penalty of perjury.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_

Name of Bidder: \_\_\_\_\_

Type of Organization: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

Address of Bidder: \_\_\_\_\_

Taxpayer Identification No. of Bidder: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

E-mail: \_\_\_\_\_ Web Page: \_\_\_\_\_

Contractor's License No(s): No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Public Works Contractor Registration No.: \_\_\_\_\_

END OF DOCUMENT



# **CAMPUS HVAC SYSTEM UPGRADES**

## **BID PACKAGE #HMES-05 PLUMBING**

### **00 41 13 BID FORM & PROPOSAL**

**BID FORM AND PROPOSAL**  
**BID PACKAGE: #HMES-05 – PLUMBING & SITE UTILITIES**

To: Governing Board of the Bakersfield City School District (“District” or “Owner”)

From: \_\_\_\_\_  
(Proper Name of Bidder)

The undersigned declares that Bidder has read and understands the Contract Documents, including, without limitation, the Notice to Bidders and the Instructions to Bidders, and agrees and proposes to furnish all necessary labor, materials, and equipment to perform and furnish all work in accordance with the terms and conditions of the Contract Documents, including, without limitation, the Drawings and Specifications of Bid No. 22214.00-32, for the following project known as:

**Horace Mann Elementary School – Campus HVAC System Upgrades**

(“Project” or “Contract”) and will accept in full payment for that Work the following total lump sum amount, all taxes included:

_____ dollars      \$ _____
<b><i>BASE BID</i></b>
<b><i>Bidder acknowledges and agrees that the Base Bid accounts for any and all Allowance(s), Total Cost for Unit Prices, and OCIP excluded costs.</i></b>

**Deductive Alternates:**

Not applicable.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]



**Additional Detail Regarding Calculation of Base Bid**

1. **Unit Prices.** The Bidder's Base Bid includes the following unit prices, which the Bidder must provide and the District may, at its discretion, utilize in valuing additive and/or deductive change orders (Unit Prices shall include all labor, materials, services, profit, overhead, insurance, bonds, taxes, and all other incidental costs of Contractor, subcontractors, and suppliers):

SCHEDULE OF UNIT PRICES

<u>Item No.</u>	<u>Description</u>	<u>Unit of Measure</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total Cost = Unit Price x Estimated Quantity (Included in Base Bid)</u>
N/A	N/A	N/A	N/A	\$ _____	\$ _____
				\$ _____	\$ _____

Where scope of Work is decreased, all Work pertaining to the item, whether specifically stated or not, shall be omitted, and where scope of Work is increased, all work pertaining to that item required to render same ready for use on the Project in accordance with intentions of the Drawings and Specifications shall be included in the above agreed-upon price amount.

2. **Allowance.** The Bidder's Base Bid shall include the following Allowances for the Tasks/Work as noted here:

<b>Task/Work</b>	<b>Allowance Value</b>
<b>Allowance #05 – Unforeseen Conditions (Ref. Div 01s)</b>	<b>\$50,000.00</b>
<b>Total Allowance Value</b>	<b>\$50,000.00</b>

The Allowance Value for an Allowance Item includes the direct cost of labor, materials, equipment, transportation, taxes and insurance associated with the applicable Allowance Item. All other costs, including Contractor's overall project management and general conditions costs, overhead and fee, are deemed to be included in the Base Bid, and are not subject to adjustment regardless of the actual amount of the Allowance Item.

The District shall have sole discretion to authorize all expenditures from the Allowances. The District shall process expenditures from the Allowances in the form of an Allowance Expenditure Directive ("AED"). Any unused Allowance or unused portion thereof shall be deducted from the Contract Price to the benefit of the District.

3. The undersigned has reviewed the Work outlined in the Contract Documents and fully understands the scope of Work required in this Proposal, understands the construction and project management function(s) is described in the Contract Documents, and that each Bidder who is awarded a contract shall be in fact a prime contractor, not a subcontractor, to the District, and agrees that its Proposal, if accepted by the District, will be the basis for the Bidder to enter into a contract with the District in accordance with the intent of the Contract Documents.
4. The undersigned has notified the District in writing of any discrepancies or omissions or of any doubt, questions, or ambiguities about the meaning of any of the Contract Documents, and has contacted the Construction Manager before bid date to verify the issuance of any clarifying Addenda.
5. The undersigned agrees to commence work under this Contract on the date established in the Contract Documents and to complete all work within the time specified in the Contract Documents.
6. The liquidated damages clause of the General Conditions and Agreement is hereby acknowledged.
7. It is understood that the District reserves the right to reject this bid and that the bid shall remain open to acceptance and is irrevocable for a period of ninety (90) days.
8. The following documents are attached hereto:
  - Bid Bond on the District's form or other security (for electronic submissions, provide a photocopy of the Bid Bond).
  - Designated Subcontractors List
  - Site Visit Certification
  - Non-Collusion Declaration
  - Iran Contracting Act Certification
9. Receipt and acceptance of the following Addenda is hereby acknowledged:

No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____

10. Bidder acknowledges that the license required for performance of the Work is a \_\_\_\_\_ license.

11. Bidder hereby certifies that Bidder is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the Work.
12. Bidder specifically acknowledges and understands that if it is awarded the Contract, that it shall perform the Work of the Project while complying with all requirements of the Department of Industrial Relations.
13. Bidder hereby certifies that its bid includes sufficient funds to permit Bidder to comply with all local, state or federal labor laws or regulations during the Project, including payment of prevailing wage, and that Bidder will comply with the provisions of Labor Code section 2810(d) if awarded the Contract.
14. [Bidder agrees to comply with all requirements of the Project Labor Agreement].
15. Bidder specifically acknowledges and understands that if it is awarded the Contract, that it shall perform the Work of the Project while complying with the Davis Bacon Act, applicable reporting requirements, and any and all other applicable requirements for federal funding. If a conflict exists, the more stringent requirement shall control.
16. Bidder represents that it is competent, knowledgeable, and has special skills with respect to the nature, extent, and inherent conditions of the Work to be performed. Bidder further acknowledges that there are certain peculiar and inherent conditions existent in the construction of the Work that may create, during the Work, unusual or peculiar unsafe conditions hazardous to persons and property.
17. Bidder expressly acknowledges that it is aware of such peculiar risks and that it has the skill and experience to foresee and to adopt protective measures to adequately and safely perform the Work with respect to such hazards.
18. Bidder expressly acknowledges that it is familiar with and capable of complying with applicable federal, State, and local requirements relating to COVID-19 or other public health emergency/epidemic/pandemic including, if required, preparing, posting, and implementing a Social Distancing Protocol.
19. Bidder expressly acknowledges that it is aware that if a false claim is knowingly submitted (as the terms "claim" and "knowingly" are defined in the California False Claims Act, Gov. Code, § 12650 et seq.), the District will be entitled to civil remedies set forth in the California False Claim Act. It may also be considered fraud and the Contractor may be subject to criminal prosecution.
20. The undersigned Bidder certifies that it is, at the time of bidding, and shall be throughout the period of the Contract, licensed by the State of California to do the type of work required under the terms of the Contract Documents and registered as a public works contractor with the Department of Industrial Relations. Bidder further certifies that it is regularly engaged in the general class and type of work called for in the Contract Documents.

Furthermore, Bidder hereby certifies to the District that all representations, certifications, and statements made by Bidder, as set forth in this bid form, are true and correct and are made under penalty of perjury.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_

Name of Bidder: \_\_\_\_\_

Type of Organization: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

Address of Bidder: \_\_\_\_\_

Taxpayer Identification No. of Bidder: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

E-mail: \_\_\_\_\_ Web Page: \_\_\_\_\_

Contractor's License No(s): No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Public Works Contractor Registration No.: \_\_\_\_\_

END OF DOCUMENT



# **CAMPUS HVAC SYSTEM UPGRADES**

## **BID PACKAGE #HMES-06 CARPET**

### **00 41 13 BID FORM & PROPOSAL**

**BID FORM AND PROPOSAL**  
**BID PACKAGE: #HMES-06 – CARPET**

To: Governing Board of the Bakersfield City School District (“District” or “Owner”)

From: \_\_\_\_\_  
(Proper Name of Bidder)

The undersigned declares that Bidder has read and understands the Contract Documents, including, without limitation, the Notice to Bidders and the Instructions to Bidders, and agrees and proposes to furnish all necessary labor, materials, and equipment to perform and furnish all work in accordance with the terms and conditions of the Contract Documents, including, without limitation, the Drawings and Specifications of Bid No. 22214.00-32, for the following project known as:

**Horace Mann Elementary School – Campus HVAC System Upgrades**

(“Project” or “Contract”) and will accept in full payment for that Work the following total lump sum amount, all taxes included:

_____ dollars      \$ _____
<b><i>BASE BID</i></b>
<b><i>Bidder acknowledges and agrees that the Base Bid accounts for any and all Allowance(s), Total Cost for Unit Prices, and OCIP excluded costs.</i></b>

**Alternates:**

Not applicable.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

**Additional Detail Regarding Calculation of Base Bid**

1. **Unit Prices.** The Bidder’s Base Bid includes the following unit prices, which the Bidder must provide and the District may, at its discretion, utilize in valuing additive and/or deductive change orders (Unit Prices shall include all labor, materials, services, profit, overhead, insurance, bonds, taxes, and all other incidental costs of Contractor, subcontractors, and suppliers):

SCHEDULE OF UNIT PRICES

<u>Item No.</u>	<u>Description</u>	<u>Unit of Measure</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total Cost = Unit Price x Estimated Quantity (Included in Base Bid)</u>
N/A	N/A	N/A	N/A	\$ _____	\$ _____
				\$ _____	\$ _____

Where scope of Work is decreased, all Work pertaining to the item, whether specifically stated or not, shall be omitted, and where scope of Work is increased, all work pertaining to that item required to render same ready for use on the Project in accordance with intentions of the Drawings and Specifications shall be included in the above agreed-upon price amount.

2. **Allowance.** The Bidder’s Base Bid shall include the following Allowances for the Tasks/Work as noted here:

<b>Task/Work</b>	<b>Allowance Value</b>
Not Applicable	N/A
<b>Total Allowance Value</b>	<b>N/A</b>

The Allowance Value for an Allowance Item includes the direct cost of labor, materials, equipment, transportation, taxes and insurance associated with the applicable Allowance Item. All other costs, including Contractor’s overall project management and general conditions costs, overhead and fee, are deemed to be included in the Base Bid, and are not subject to adjustment regardless of the actual amount of the Allowance Item.

The District shall have sole discretion to authorize all expenditures from the Allowances. The District shall process expenditures from the Allowances in the form of an Allowance Expenditure Directive (“AED”). Any unused Allowance or unused

portion thereof shall be deducted from the Contract Price to the benefit of the District.

3. The undersigned has reviewed the Work outlined in the Contract Documents and fully understands the scope of Work required in this Proposal, understands the construction and project management function(s) is described in the Contract Documents, and that each Bidder who is awarded a contract shall be in fact a prime contractor, not a subcontractor, to the District, and agrees that its Proposal, if accepted by the District, will be the basis for the Bidder to enter into a contract with the District in accordance with the intent of the Contract Documents.
4. The undersigned has notified the District in writing of any discrepancies or omissions or of any doubt, questions, or ambiguities about the meaning of any of the Contract Documents, and has contacted the Construction Manager before bid date to verify the issuance of any clarifying Addenda.
5. The undersigned agrees to commence work under this Contract on the date established in the Contract Documents and to complete all work within the time specified in the Contract Documents.
6. The liquidated damages clause of the General Conditions and Agreement is hereby acknowledged.
7. It is understood that the District reserves the right to reject this bid and that the bid shall remain open to acceptance and is irrevocable for a period of ninety (90) days.
8. The following documents are attached hereto:
  - Bid Bond on the District's form or other security (for electronic submissions, provide a photocopy of the Bid Bond).
  - Designated Subcontractors List
  - Site Visit Certification
  - Non-Collusion Declaration
  - Iran Contracting Act Certification
9. Receipt and acceptance of the following Addenda is hereby acknowledged:

No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____

10. Bidder acknowledges that the license required for performance of the Work is a \_\_\_\_\_ license.
11. Bidder hereby certifies that Bidder is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the Work.



12. Bidder specifically acknowledges and understands that if it is awarded the Contract, that it shall perform the Work of the Project while complying with all requirements of the Department of Industrial Relations.
13. Bidder hereby certifies that its bid includes sufficient funds to permit Bidder to comply with all local, state or federal labor laws or regulations during the Project, including payment of prevailing wage, and that Bidder will comply with the provisions of Labor Code section 2810(d) if awarded the Contract.
14. [Bidder agrees to comply with all requirements of the Project Labor Agreement].
15. Bidder specifically acknowledges and understands that if it is awarded the Contract, that it shall perform the Work of the Project while complying with the Davis Bacon Act, applicable reporting requirements, and any and all other applicable requirements for federal funding. If a conflict exists, the more stringent requirement shall control.
16. Bidder represents that it is competent, knowledgeable, and has special skills with respect to the nature, extent, and inherent conditions of the Work to be performed. Bidder further acknowledges that there are certain peculiar and inherent conditions existent in the construction of the Work that may create, during the Work, unusual or peculiar unsafe conditions hazardous to persons and property.
17. Bidder expressly acknowledges that it is aware of such peculiar risks and that it has the skill and experience to foresee and to adopt protective measures to adequately and safely perform the Work with respect to such hazards.
18. Bidder expressly acknowledges that it is familiar with and capable of complying with applicable federal, State, and local requirements relating to COVID-19 or other public health emergency/epidemic/pandemic including, if required, preparing, posting, and implementing a Social Distancing Protocol.
19. Bidder expressly acknowledges that it is aware that if a false claim is knowingly submitted (as the terms "claim" and "knowingly" are defined in the California False Claims Act, Gov. Code, § 12650 et seq.), the District will be entitled to civil remedies set forth in the California False Claim Act. It may also be considered fraud and the Contractor may be subject to criminal prosecution.
20. The undersigned Bidder certifies that it is, at the time of bidding, and shall be throughout the period of the Contract, licensed by the State of California to do the type of work required under the terms of the Contract Documents and registered as a public works contractor with the Department of Industrial Relations. Bidder further certifies that it is regularly engaged in the general class and type of work called for in the Contract Documents.

Furthermore, Bidder hereby certifies to the District that all representations, certifications, and statements made by Bidder, as set forth in this bid form, are true and correct and are made under penalty of perjury.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_

Name of Bidder: \_\_\_\_\_

Type of Organization: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

Address of Bidder: \_\_\_\_\_

Taxpayer Identification No. of Bidder: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

E-mail: \_\_\_\_\_ Web Page: \_\_\_\_\_

Contractor's License No(s): No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Public Works Contractor Registration No.: \_\_\_\_\_

END OF DOCUMENT



# **CAMPUS HVAC SYSTEM UPGRADES**

## **BID PACKAGE #HMES-07 CERAMIC TILE**

### **00 41 13 BID FORM & PROPOSAL**

**BID FORM AND PROPOSAL**  
**BID PACKAGE: #HMES-07 – CERAMIC TILE**

To: Governing Board of the Bakersfield City School District (“District” or “Owner”)

From: \_\_\_\_\_  
(Proper Name of Bidder)

The undersigned declares that Bidder has read and understands the Contract Documents, including, without limitation, the Notice to Bidders and the Instructions to Bidders, and agrees and proposes to furnish all necessary labor, materials, and equipment to perform and furnish all work in accordance with the terms and conditions of the Contract Documents, including, without limitation, the Drawings and Specifications of Bid No. 22214.00-32, for the following project known as:

**Horace Mann Elementary School – Campus HVAC System Upgrades**

(“Project” or “Contract”) and will accept in full payment for that Work the following total lump sum amount, all taxes included:

_____ dollars	\$ _____
<b><i>BASE BID</i></b>	
<b><i>Bidder acknowledges and agrees that the Base Bid accounts for any and all Allowance(s), Total Cost for Unit Prices, and OCIP excluded costs.</i></b>	

**Deductive Alternates:**

Not applicable.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

**Additional Detail Regarding Calculation of Base Bid**

1. **Unit Prices.** The Bidder’s Base Bid includes the following unit prices, which the Bidder must provide and the District may, at its discretion, utilize in valuing additive and/or deductive change orders (Unit Prices shall include all labor, materials, services, profit, overhead, insurance, bonds, taxes, and all other incidental costs of Contractor, subcontractors, and suppliers):

SCHEDULE OF UNIT PRICES

<u>Item No.</u>	<u>Description</u>	<u>Unit of Measure</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total Cost = Unit Price x Estimated Quantity (Included in Base Bid)</u>
N/A	N/A	N/A	N/A	\$ _____	\$ _____
				\$ _____	\$ _____

Where scope of Work is decreased, all Work pertaining to the item, whether specifically stated or not, shall be omitted, and where scope of Work is increased, all work pertaining to that item required to render same ready for use on the Project in accordance with intentions of the Drawings and Specifications shall be included in the above agreed-upon price amount.

2. **Allowance.** The Bidder’s Base Bid shall include the following Allowances for the Tasks/Work as noted here:

<b>Task/Work</b>	<b>Allowance Value</b>
Not Applicable	N/A
<b>Total Allowance Value</b>	<b>N/A</b>

The Allowance Value for an Allowance Item includes the direct cost of labor, materials, equipment, transportation, taxes and insurance associated with the applicable Allowance Item. All other costs, including Contractor’s overall project management and general conditions costs, overhead and fee, are deemed to be included in the Base Bid, and are not subject to adjustment regardless of the actual amount of the Allowance Item.

The District shall have sole discretion to authorize all expenditures from the Allowances. The District shall process expenditures from the Allowances in the form of an Allowance Expenditure Directive (“AED”). Any unused Allowance or unused

portion thereof shall be deducted from the Contract Price to the benefit of the District.

3. The undersigned has reviewed the Work outlined in the Contract Documents and fully understands the scope of Work required in this Proposal, understands the construction and project management function(s) is described in the Contract Documents, and that each Bidder who is awarded a contract shall be in fact a prime contractor, not a subcontractor, to the District, and agrees that its Proposal, if accepted by the District, will be the basis for the Bidder to enter into a contract with the District in accordance with the intent of the Contract Documents.
4. The undersigned has notified the District in writing of any discrepancies or omissions or of any doubt, questions, or ambiguities about the meaning of any of the Contract Documents, and has contacted the Construction Manager before bid date to verify the issuance of any clarifying Addenda.
5. The undersigned agrees to commence work under this Contract on the date established in the Contract Documents and to complete all work within the time specified in the Contract Documents.
6. The liquidated damages clause of the General Conditions and Agreement is hereby acknowledged.
7. It is understood that the District reserves the right to reject this bid and that the bid shall remain open to acceptance and is irrevocable for a period of ninety (90) days.
8. The following documents are attached hereto:
  - Bid Bond on the District's form or other security (for electronic submissions, provide a photocopy of the Bid Bond).
  - Designated Subcontractors List
  - Site Visit Certification
  - Non-Collusion Declaration
  - Iran Contracting Act Certification
9. Receipt and acceptance of the following Addenda is hereby acknowledged:

No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____

10. Bidder acknowledges that the license required for performance of the Work is a \_\_\_\_\_ license.
11. Bidder hereby certifies that Bidder is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the Work.

12. Bidder specifically acknowledges and understands that if it is awarded the Contract, that it shall perform the Work of the Project while complying with all requirements of the Department of Industrial Relations.
13. Bidder hereby certifies that its bid includes sufficient funds to permit Bidder to comply with all local, state or federal labor laws or regulations during the Project, including payment of prevailing wage, and that Bidder will comply with the provisions of Labor Code section 2810(d) if awarded the Contract.
14. [Bidder agrees to comply with all requirements of the Project Labor Agreement].
15. Bidder specifically acknowledges and understands that if it is awarded the Contract, that it shall perform the Work of the Project while complying with the Davis Bacon Act, applicable reporting requirements, and any and all other applicable requirements for federal funding. If a conflict exists, the more stringent requirement shall control.
16. Bidder represents that it is competent, knowledgeable, and has special skills with respect to the nature, extent, and inherent conditions of the Work to be performed. Bidder further acknowledges that there are certain peculiar and inherent conditions existent in the construction of the Work that may create, during the Work, unusual or peculiar unsafe conditions hazardous to persons and property.
17. Bidder expressly acknowledges that it is aware of such peculiar risks and that it has the skill and experience to foresee and to adopt protective measures to adequately and safely perform the Work with respect to such hazards.
18. Bidder expressly acknowledges that it is familiar with and capable of complying with applicable federal, State, and local requirements relating to COVID-19 or other public health emergency/epidemic/pandemic including, if required, preparing, posting, and implementing a Social Distancing Protocol.
19. Bidder expressly acknowledges that it is aware that if a false claim is knowingly submitted (as the terms "claim" and "knowingly" are defined in the California False Claims Act, Gov. Code, § 12650 et seq.), the District will be entitled to civil remedies set forth in the California False Claim Act. It may also be considered fraud and the Contractor may be subject to criminal prosecution.
20. The undersigned Bidder certifies that it is, at the time of bidding, and shall be throughout the period of the Contract, licensed by the State of California to do the type of work required under the terms of the Contract Documents and registered as a public works contractor with the Department of Industrial Relations. Bidder further certifies that it is regularly engaged in the general class and type of work called for in the Contract Documents.

Furthermore, Bidder hereby certifies to the District that all representations, certifications, and statements made by Bidder, as set forth in this bid form, are true and correct and are made under penalty of perjury.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_

Name of Bidder: \_\_\_\_\_

Type of Organization: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

Address of Bidder: \_\_\_\_\_

Taxpayer Identification No. of Bidder: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

E-mail: \_\_\_\_\_ Web Page: \_\_\_\_\_

Contractor's License No(s): No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Public Works Contractor Registration No.: \_\_\_\_\_

END OF DOCUMENT





**CAMPUS HVAC SYSTEM UPGRADES**

**BID PACKAGE #HMES-08**

**ACOUSTICAL CEILINGS & TACKBOARDS**

**00 41 13**

**BID FORM & PROPOSAL**

**BID FORM AND PROPOSAL**  
**BID PACKAGE: #HMES-08 – ACOUSTICAL CEILINGS & TACKBOARDS**

To: Governing Board of the Bakersfield City School District (“District” or “Owner”)

From: \_\_\_\_\_  
(Proper Name of Bidder)

The undersigned declares that Bidder has read and understands the Contract Documents, including, without limitation, the Notice to Bidders and the Instructions to Bidders, and agrees and proposes to furnish all necessary labor, materials, and equipment to perform and furnish all work in accordance with the terms and conditions of the Contract Documents, including, without limitation, the Drawings and Specifications of Bid No. 22214.00-32, for the following project known as:

**Horace Mann Elementary School – Campus HVAC System Upgrades**

(“Project” or “Contract”) and will accept in full payment for that Work the following total lump sum amount, all taxes included:

<p style="text-align: right;">_____ dollars      \$ _____</p> <p><b><i>BASE BID</i></b></p> <p><b><i>Bidder acknowledges and agrees that the Base Bid accounts for any and all Allowance(s), Total Cost for Unit Prices excluded costs.</i></b></p> <p>review all Alternates after Bids are opened and select which to proceed.</p>
---

Descriptions of alternates are primarily scope definitions and do not necessarily detail the full range of materials and processes needed to complete the construction.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

**Additional Detail Regarding Calculation of Base Bid**

1. **Unit Prices.** The Bidder’s Base Bid includes the following unit prices, which the Bidder must provide and the District may, at its discretion, utilize in valuing additive and/or deductive change orders (Unit Prices shall include all labor, materials, services, profit, overhead, insurance, bonds, taxes, and all other incidental costs of Contractor, subcontractors, and suppliers):

SCHEDULE OF UNIT PRICES

<u>Item No.</u>	<u>Description</u>	<u>Unit of Measure</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total Cost = Unit Price x Estimated Quantity (Included in Base Bid)</u>
N/A	N/A	N/A	N/A	\$ _____	\$ _____
				\$ _____	\$ _____

Where scope of Work is decreased, all Work pertaining to the item, whether specifically stated or not, shall be omitted, and where scope of Work is increased, all work pertaining to that item required to render same ready for use on the Project in accordance with intentions of the Drawings and Specifications shall be included in the above agreed-upon price amount.

2. **Allowance.** The Bidder’s Base Bid shall include the following Allowances for the Tasks/Work as noted here:

<b>Task/Work</b>	<b>Allowance Value</b>
<b>N/A</b>	<b>N/A</b>
<b>Total Allowance Value</b>	<b>N/A</b>

The Allowance Value for an Allowance Item includes the direct cost of labor, materials, equipment, transportation, taxes and insurance associated with the applicable Allowance Item. All other costs, including Contractor’s overall project management and general conditions costs, overhead and fee, are deemed to be included in the Base Bid, and are not subject to adjustment regardless of the actual amount of the Allowance Item.

The District shall have sole discretion to authorize all expenditures from the Allowances. The District shall process expenditures from the Allowances in the form of an Allowance Expenditure Directive ("AED"). Any unused Allowance or unused portion thereof shall be deducted from the Contract Price to the benefit of the District.

3. The undersigned has reviewed the Work outlined in the Contract Documents and fully understands the scope of Work required in this Proposal, understands the construction and project management function(s) is described in the Contract Documents, and that each Bidder who is awarded a contract shall be in fact a prime contractor, not a subcontractor, to the District, and agrees that its Proposal, if accepted by the District, will be the basis for the Bidder to enter into a contract with the District in accordance with the intent of the Contract Documents.
4. The undersigned has notified the District in writing of any discrepancies or omissions or of any doubt, questions, or ambiguities about the meaning of any of the Contract Documents, and has contacted the Construction Manager before bid date to verify the issuance of any clarifying Addenda.
5. The undersigned agrees to commence work under this Contract on the date established in the Contract Documents and to complete all work within the time specified in the Contract Documents.
6. The liquidated damages clause of the General Conditions and Agreement is hereby acknowledged.
7. It is understood that the District reserves the right to reject this bid and that the bid shall remain open to acceptance and is irrevocable for a period of ninety (90) days.
8. The following documents are attached hereto:
  - Bid Bond on the District's form or other security (for electronic submissions, provide a photocopy of the Bid Bond).
  - Designated Subcontractors List
  - Site Visit Certification
  - Non-Collusion Declaration
  - Iran Contracting Act Certification

9. Receipt and acceptance of the following Addenda is hereby acknowledged:

No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____

10. Bidder acknowledges that the license required for performance of the Work is a \_\_\_\_\_ license.
11. Bidder hereby certifies that Bidder is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the Work.
12. Bidder specifically acknowledges and understands that if it is awarded the Contract, that it shall perform the Work of the Project while complying with all requirements of the Department of Industrial Relations.
13. Bidder hereby certifies that its bid includes sufficient funds to permit Bidder to comply with all local, state or federal labor laws or regulations during the Project, including payment of prevailing wage, and that Bidder will comply with the provisions of Labor Code section 2810(d) if awarded the Contract.
14. Bidder specifically acknowledges and understands that if it is awarded the Contract, that it shall perform the Work of the Project while complying with the Davis Bacon Act, applicable reporting requirements, and any and all other applicable requirements for federal funding. If a conflict exists, the more stringent requirement shall control.
15. Bidder represents that it is competent, knowledgeable, and has special skills with respect to the nature, extent, and inherent conditions of the Work to be performed. Bidder further acknowledges that there are certain peculiar and inherent conditions existent in the construction of the Work that may create, during the Work, unusual or peculiar unsafe conditions hazardous to persons and property.
16. Bidder expressly acknowledges that it is aware of such peculiar risks and that it has the skill and experience to foresee and to adopt protective measures to adequately and safely perform the Work with respect to such hazards.
17. Bidder expressly acknowledges that it is familiar with and capable of complying with applicable federal, State, and local requirements relating to COVID-19 or other public health emergency/epidemic/pandemic including, if required, preparing, posting, and implementing a Social Distancing Protocol.
18. Bidder expressly acknowledges that it is aware that if a false claim is knowingly submitted (as the terms "claim" and "knowingly" are defined in the California False Claims Act, Gov. Code, § 12650 et seq.), the District will be entitled to civil remedies

set forth in the California False Claim Act. It may also be considered fraud and the Contractor may be subject to criminal prosecution.

19. The undersigned Bidder certifies that it is, at the time of bidding, and shall be throughout the period of the Contract, licensed by the State of California to do the type of work required under the terms of the Contract Documents and registered as a public works contractor with the Department of Industrial Relations. Bidder further certifies that it is regularly engaged in the general class and type of work called for in the Contract Documents.

Furthermore, Bidder hereby certifies to the District that all representations, certifications, and statements made by Bidder, as set forth in this bid form, are true and correct and are made under penalty of perjury.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_

Name of Bidder: \_\_\_\_\_

Type of Organization: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

Address of Bidder: \_\_\_\_\_

Taxpayer Identification No. of Bidder: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

E-mail: \_\_\_\_\_ Web Page: \_\_\_\_\_

Contractor's License No(s): No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Public Works Contractor Registration No.: \_\_\_\_\_

END OF DOCUMENT



# **CAMPUS HVAC SYSTEM UPGRADES**

## **BID PACKAGE #HMES-09 PLASTER & DRYWALL**

### **00 41 13 BID FORM & PROPOSAL**

**BID FORM AND PROPOSAL**  
**BID PACKAGE: #HMES-09 – PLASTER & DRYWALL**

To: Governing Board of the Bakersfield City School District (“District” or “Owner”)

From: \_\_\_\_\_  
(Proper Name of Bidder)

The undersigned declares that Bidder has read and understands the Contract Documents, including, without limitation, the Notice to Bidders and the Instructions to Bidders, and agrees and proposes to furnish all necessary labor, materials, and equipment to perform and furnish all work in accordance with the terms and conditions of the Contract Documents, including, without limitation, the Drawings and Specifications of Bid No. 22214.00-32, for the following project known as:

**Horace Mann Elementary School – Campus HVAC System Upgrades**

(“Project” or “Contract”) and will accept in full payment for that Work the following total lump sum amount, all taxes included:

_____ dollars	\$ _____
<p><b><i>BASE BID</i></b></p> <p><b><i>Bidder acknowledges and agrees that the Base Bid accounts for any and all Allowance(s), Total Cost for Unit Prices excluded costs.</i></b></p>	

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**Additional Detail Regarding Calculation of Base Bid**

1. **Unit Prices.** The Bidder’s Base Bid includes the following unit prices, which the Bidder must provide and the District may, at its discretion, utilize in valuing additive and/or deductive change orders (Unit Prices shall include all labor, materials, services, profit, overhead, insurance, bonds, taxes, and all other incidental costs of Contractor, subcontractors, and suppliers):

SCHEDULE OF UNIT PRICES

<u>Item No.</u>	<u>Description</u>	<u>Unit of Measure</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total Cost = Unit Price x Estimated Quantity (Included in Base Bid)</u>
N/A	N/A	N/A	N/A	\$ _____	\$ _____
				\$ _____	\$ _____

Where scope of Work is decreased, all Work pertaining to the item, whether specifically stated or not, shall be omitted, and where scope of Work is increased, all work pertaining to that item required to render same ready for use on the Project in accordance with intentions of the Drawings and Specifications shall be included in the above agreed-upon price amount.

2. **Allowance.** The Bidder’s Base Bid shall include the following Allowances for the Tasks/Work as noted here:

<b>Task/Work</b>	<b>Allowance Value</b>
<b>Allowance #01 – Unforeseen Conditions (Ref. Div 01s)</b>	<b>\$50,000.00</b>
<b>Total Allowance Value</b>	<b>\$50,000.00</b>

The Allowance Value for an Allowance Item includes the direct cost of labor, materials, equipment, transportation, taxes and insurance associated with the applicable Allowance Item. All other costs, including Contractor’s overall project management and general conditions costs, overhead and fee, are deemed to be included in the Base Bid, and are not subject to adjustment regardless of the actual amount of the Allowance Item.

The District shall have sole discretion to authorize all expenditures from the Allowances. The District shall process expenditures from the Allowances in the form of an Allowance Expenditure Directive ("AED"). Any unused Allowance or unused portion thereof shall be deducted from the Contract Price to the benefit of the District.

3. The undersigned has reviewed the Work outlined in the Contract Documents and fully understands the scope of Work required in this Proposal, understands the construction and project management function(s) is described in the Contract Documents, and that each Bidder who is awarded a contract shall be in fact a prime contractor, not a subcontractor, to the District, and agrees that its Proposal, if accepted by the District, will be the basis for the Bidder to enter into a contract with the District in accordance with the intent of the Contract Documents.
4. The undersigned has notified the District in writing of any discrepancies or omissions or of any doubt, questions, or ambiguities about the meaning of any of the Contract Documents, and has contacted the Construction Manager before bid date to verify the issuance of any clarifying Addenda.
5. The undersigned agrees to commence work under this Contract on the date established in the Contract Documents and to complete all work within the time specified in the Contract Documents.
6. The liquidated damages clause of the General Conditions and Agreement is hereby acknowledged.
7. It is understood that the District reserves the right to reject this bid and that the bid shall remain open to acceptance and is irrevocable for a period of ninety (90) days.
8. The following documents are attached hereto:
  - Bid Bond on the District's form or other security (for electronic submissions, provide a photocopy of the Bid Bond).
  - Designated Subcontractors List
  - Site Visit Certification
  - Non-Collusion Declaration
  - Iran Contracting Act Certification

9. Receipt and acceptance of the following Addenda is hereby acknowledged:

No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____

10. Bidder acknowledges that the license required for performance of the Work is a \_\_\_\_\_ license.
11. Bidder hereby certifies that Bidder is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the Work.
12. Bidder specifically acknowledges and understands that if it is awarded the Contract, that it shall perform the Work of the Project while complying with all requirements of the Department of Industrial Relations.
13. Bidder hereby certifies that its bid includes sufficient funds to permit Bidder to comply with all local, state or federal labor laws or regulations during the Project, including payment of prevailing wage, and that Bidder will comply with the provisions of Labor Code section 2810(d) if awarded the Contract.
14. Bidder specifically acknowledges and understands that if it is awarded the Contract, that it shall perform the Work of the Project while complying with the Davis Bacon Act, applicable reporting requirements, and any and all other applicable requirements for federal funding. If a conflict exists, the more stringent requirement shall control.
15. Bidder represents that it is competent, knowledgeable, and has special skills with respect to the nature, extent, and inherent conditions of the Work to be performed. Bidder further acknowledges that there are certain peculiar and inherent conditions existent in the construction of the Work that may create, during the Work, unusual or peculiar unsafe conditions hazardous to persons and property.
16. Bidder expressly acknowledges that it is aware of such peculiar risks and that it has the skill and experience to foresee and to adopt protective measures to adequately and safely perform the Work with respect to such hazards.
17. Bidder expressly acknowledges that it is familiar with and capable of complying with applicable federal, State, and local requirements relating to COVID-19 or other public health emergency/epidemic/pandemic including, if required, preparing, posting, and implementing a Social Distancing Protocol.
18. Bidder expressly acknowledges that it is aware that if a false claim is knowingly submitted (as the terms "claim" and "knowingly" are defined in the California False Claims Act, Gov. Code, § 12650 et seq.), the District will be entitled to civil remedies

set forth in the California False Claim Act. It may also be considered fraud and the Contractor may be subject to criminal prosecution.

19. The undersigned Bidder certifies that it is, at the time of bidding, and shall be throughout the period of the Contract, licensed by the State of California to do the type of work required under the terms of the Contract Documents and registered as a public works contractor with the Department of Industrial Relations. Bidder further certifies that it is regularly engaged in the general class and type of work called for in the Contract Documents.

Furthermore, Bidder hereby certifies to the District that all representations, certifications, and statements made by Bidder, as set forth in this bid form, are true and correct and are made under penalty of perjury.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_

Name of Bidder: \_\_\_\_\_

Type of Organization: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

Address of Bidder: \_\_\_\_\_

Taxpayer Identification No. of Bidder: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

E-mail: \_\_\_\_\_ Web Page: \_\_\_\_\_

Contractor's License No(s): No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Public Works Contractor Registration No.: \_\_\_\_\_

END OF DOCUMENT



# **CAMPUS HVAC SYSTEM UPGRADES**

## **BID PACKAGE #HMES-10 PAINTING**

### **00 41 13 BID FORM & PROPOSAL**

**BID FORM AND PROPOSAL**  
**BID PACKAGE: #HMES-09 – PLASTER & DRYWALL**

To: Governing Board of the Bakersfield City School District (“District” or “Owner”)

From: \_\_\_\_\_  
(Proper Name of Bidder)

The undersigned declares that Bidder has read and understands the Contract Documents, including, without limitation, the Notice to Bidders and the Instructions to Bidders, and agrees and proposes to furnish all necessary labor, materials, and equipment to perform and furnish all work in accordance with the terms and conditions of the Contract Documents, including, without limitation, the Drawings and Specifications of Bid No. 22214.00-32, for the following project known as:

**Horace Mann Elementary School – Campus HVAC System Upgrades**

(“Project” or “Contract”) and will accept in full payment for that Work the following total lump sum amount, all taxes included:

<p style="text-align: right;">_____ dollars      \$ _____</p> <p><b><i>BASE BID</i></b></p> <p><b><i>Bidder acknowledges and agrees that the Base Bid accounts for any and all Allowance(s), Total Cost for Unit Prices excluded costs.</i></b></p>
---

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**Additional Detail Regarding Calculation of Base Bid**

1. **Unit Prices.** The Bidder’s Base Bid includes the following unit prices, which the Bidder must provide and the District may, at its discretion, utilize in valuing additive and/or deductive change orders (Unit Prices shall include all labor, materials, services, profit, overhead, insurance, bonds, taxes, and all other incidental costs of Contractor, subcontractors, and suppliers):

SCHEDULE OF UNIT PRICES

<u>Item No.</u>	<u>Description</u>	<u>Unit of Measure</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total Cost = Unit Price x Estimated Quantity (Included in Base Bid)</u>
N/A	N/A	N/A	N/A	\$ _____	\$ _____
				\$ _____	\$ _____

Where scope of Work is decreased, all Work pertaining to the item, whether specifically stated or not, shall be omitted, and where scope of Work is increased, all work pertaining to that item required to render same ready for use on the Project in accordance with intentions of the Drawings and Specifications shall be included in the above agreed-upon price amount.

2. **Allowance.** The Bidder’s Base Bid shall include the following Allowances for the Tasks/Work as noted here:

<b>Task/Work</b>	<b>Allowance Value</b>
<b>Allowance #01 – Unforeseen Conditions (Ref. Div 01s)</b>	<b>\$50,000.00</b>
<b>Total Allowance Value</b>	<b>\$50,000.00</b>

The Allowance Value for an Allowance Item includes the direct cost of labor, materials, equipment, transportation, taxes and insurance associated with the applicable Allowance Item. All other costs, including Contractor’s overall project management and general conditions costs, overhead and fee, are deemed to be included in the Base Bid, and are not subject to adjustment regardless of the actual amount of the Allowance Item.

The District shall have sole discretion to authorize all expenditures from the Allowances. The District shall process expenditures from the Allowances in the form of an Allowance Expenditure Directive ("AED"). Any unused Allowance or unused portion thereof shall be deducted from the Contract Price to the benefit of the District.

3. The undersigned has reviewed the Work outlined in the Contract Documents and fully understands the scope of Work required in this Proposal, understands the construction and project management function(s) is described in the Contract Documents, and that each Bidder who is awarded a contract shall be in fact a prime contractor, not a subcontractor, to the District, and agrees that its Proposal, if accepted by the District, will be the basis for the Bidder to enter into a contract with the District in accordance with the intent of the Contract Documents.
4. The undersigned has notified the District in writing of any discrepancies or omissions or of any doubt, questions, or ambiguities about the meaning of any of the Contract Documents, and has contacted the Construction Manager before bid date to verify the issuance of any clarifying Addenda.
5. The undersigned agrees to commence work under this Contract on the date established in the Contract Documents and to complete all work within the time specified in the Contract Documents.
6. The liquidated damages clause of the General Conditions and Agreement is hereby acknowledged.
7. It is understood that the District reserves the right to reject this bid and that the bid shall remain open to acceptance and is irrevocable for a period of ninety (90) days.
8. The following documents are attached hereto:
  - Bid Bond on the District's form or other security (for electronic submissions, provide a photocopy of the Bid Bond).
  - Designated Subcontractors List
  - Site Visit Certification
  - Non-Collusion Declaration
  - Iran Contracting Act Certification



9. Receipt and acceptance of the following Addenda is hereby acknowledged:

No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____

10. Bidder acknowledges that the license required for performance of the Work is a \_\_\_\_\_ license.
11. Bidder hereby certifies that Bidder is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the Work.
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15. Bidder represents that it is competent, knowledgeable, and has special skills with respect to the nature, extent, and inherent conditions of the Work to be performed. Bidder further acknowledges that there are certain peculiar and inherent conditions existent in the construction of the Work that may create, during the Work, unusual or peculiar unsafe conditions hazardous to persons and property.
16. Bidder expressly acknowledges that it is aware of such peculiar risks and that it has the skill and experience to foresee and to adopt protective measures to adequately and safely perform the Work with respect to such hazards.
17. Bidder expressly acknowledges that it is familiar with and capable of complying with applicable federal, State, and local requirements relating to COVID-19 or other public health emergency/epidemic/pandemic including, if required, preparing, posting, and implementing a Social Distancing Protocol.
18. Bidder expressly acknowledges that it is aware that if a false claim is knowingly submitted (as the terms "claim" and "knowingly" are defined in the California False Claims Act, Gov. Code, § 12650 et seq.), the District will be entitled to civil remedies

set forth in the California False Claim Act. It may also be considered fraud and the Contractor may be subject to criminal prosecution.

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Furthermore, Bidder hereby certifies to the District that all representations, certifications, and statements made by Bidder, as set forth in this bid form, are true and correct and are made under penalty of perjury.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_

Name of Bidder: \_\_\_\_\_

Type of Organization: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

Address of Bidder: \_\_\_\_\_

Taxpayer Identification No. of Bidder: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

E-mail: \_\_\_\_\_ Web Page: \_\_\_\_\_

Contractor's License No(s): No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Public Works Contractor Registration No.: \_\_\_\_\_

END OF DOCUMENT



# **CAMPUS HVAC SYSTEM UPGRADES**

## **BID PACKAGE #HMES-11 CARPENTRY & INSULATION**

**00 41 13  
BID FORM & PROPOSAL**

**BID FORM AND PROPOSAL**  
**BID PACKAGE: #HMES-11 – CARPENTRY AND INSULATION**

To: Governing Board of the Bakersfield City School District (“District” or “Owner”)

From: \_\_\_\_\_  
(Proper Name of Bidder)

The undersigned declares that Bidder has read and understands the Contract Documents, including, without limitation, the Notice to Bidders and the Instructions to Bidders, and agrees and proposes to furnish all necessary labor, materials, and equipment to perform and furnish all work in accordance with the terms and conditions of the Contract Documents, including, without limitation, the Drawings and Specifications of Bid No. 22214.00-32, for the following project known as:

**Horace Mann Elementary School – Campus HVAC System Upgrades**

(“Project” or “Contract”) and will accept in full payment for that Work the following total lump sum amount, all taxes included:

_____ dollars	\$ _____
<b>BASE BID</b>	
<b><i>Bidder acknowledges and agrees that the Base Bid accounts for any and all Allowance(s), Total Cost for Unit Prices excluded costs.</i></b>	

**Additive Alternate #03 – Casework**

_____ dollars	\$ _____
Additive/Deductive	
This Bid Package to include Additive Alternate #03 to add in their scope the New Casework in its entirety as specified in the Contract Documents. This excludes all new ADA Classroom Sink adjustments which are a part of the Base Bid Amount. The District shall review all Alternates after Bids are opened and select which to proceed.	

Descriptions of alternates are primarily scope definitions and do not necessarily detail the full range of materials and processes needed to complete the construction.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

**Additional Detail Regarding Calculation of Base Bid**

1. **Unit Prices.** The Bidder’s Base Bid includes the following unit prices, which the Bidder must provide and the District may, at its discretion, utilize in valuing additive and/or deductive change orders (Unit Prices shall include all labor, materials, services, profit, overhead, insurance, bonds, taxes, and all other incidental costs of Contractor, subcontractors, and suppliers):

SCHEDULE OF UNIT PRICES

<u>Item No.</u>	<u>Description</u>	<u>Unit of Measure</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total Cost = Unit Price x Estimated Quantity (Included in Base Bid)</u>
N/A	N/A	N/A	N/A	\$ _____	\$ _____
				\$ _____	\$ _____

Where scope of Work is decreased, all Work pertaining to the item, whether specifically stated or not, shall be omitted, and where scope of Work is increased, all work pertaining to that item required to render same ready for use on the Project in accordance with intentions of the Drawings and Specifications shall be included in the above agreed-upon price amount.

2. **Allowance.** The Bidder’s Base Bid shall include the following Allowances for the Tasks/Work as noted here:

<b>Task/Work</b>	<b>Allowance Value</b>
<b>Allowance #01 – Unforeseen Conditions (Ref. Div 01s)</b>	<b>\$50,000.00</b>
<b>Total Allowance Value</b>	<b>\$50,000.00</b>

The Allowance Value for an Allowance Item includes the direct cost of labor, materials, equipment, transportation, taxes and insurance associated with the applicable Allowance Item. All other costs, including Contractor’s overall project management and general conditions costs, overhead and fee, are deemed to be included in the Base Bid, and are not subject to adjustment regardless of the actual amount of the Allowance Item.

The District shall have sole discretion to authorize all expenditures from the Allowances. The District shall process expenditures from the Allowances in the form of an Allowance Expenditure Directive ("AED"). Any unused Allowance or unused portion thereof shall be deducted from the Contract Price to the benefit of the District.

3. The undersigned has reviewed the Work outlined in the Contract Documents and fully understands the scope of Work required in this Proposal, understands the construction and project management function(s) is described in the Contract Documents, and that each Bidder who is awarded a contract shall be in fact a prime contractor, not a subcontractor, to the District, and agrees that its Proposal, if accepted by the District, will be the basis for the Bidder to enter into a contract with the District in accordance with the intent of the Contract Documents.
4. The undersigned has notified the District in writing of any discrepancies or omissions or of any doubt, questions, or ambiguities about the meaning of any of the Contract Documents, and has contacted the Construction Manager before bid date to verify the issuance of any clarifying Addenda.
5. The undersigned agrees to commence work under this Contract on the date established in the Contract Documents and to complete all work within the time specified in the Contract Documents.
6. The liquidated damages clause of the General Conditions and Agreement is hereby acknowledged.
7. It is understood that the District reserves the right to reject this bid and that the bid shall remain open to acceptance and is irrevocable for a period of ninety (90) days.
8. The following documents are attached hereto:
  - Bid Bond on the District's form or other security (for electronic submissions, provide a photocopy of the Bid Bond).
  - Designated Subcontractors List
  - Site Visit Certification
  - Non-Collusion Declaration
  - Iran Contracting Act Certification

9. Receipt and acceptance of the following Addenda is hereby acknowledged:

No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____

10. Bidder acknowledges that the license required for performance of the Work is a \_\_\_\_\_ license.
11. Bidder hereby certifies that Bidder is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the Work.
12. Bidder specifically acknowledges and understands that if it is awarded the Contract, that it shall perform the Work of the Project while complying with all requirements of the Department of Industrial Relations.
13. Bidder hereby certifies that its bid includes sufficient funds to permit Bidder to comply with all local, state or federal labor laws or regulations during the Project, including payment of prevailing wage, and that Bidder will comply with the provisions of Labor Code section 2810(d) if awarded the Contract.
14. Bidder specifically acknowledges and understands that if it is awarded the Contract, that it shall perform the Work of the Project while complying with the Davis Bacon Act, applicable reporting requirements, and any and all other applicable requirements for federal funding. If a conflict exists, the more stringent requirement shall control.
15. Bidder represents that it is competent, knowledgeable, and has special skills with respect to the nature, extent, and inherent conditions of the Work to be performed. Bidder further acknowledges that there are certain peculiar and inherent conditions existent in the construction of the Work that may create, during the Work, unusual or peculiar unsafe conditions hazardous to persons and property.
16. Bidder expressly acknowledges that it is aware of such peculiar risks and that it has the skill and experience to foresee and to adopt protective measures to adequately and safely perform the Work with respect to such hazards.
17. Bidder expressly acknowledges that it is familiar with and capable of complying with applicable federal, State, and local requirements relating to COVID-19 or other public health emergency/epidemic/pandemic including, if required, preparing, posting, and implementing a Social Distancing Protocol.
18. Bidder expressly acknowledges that it is aware that if a false claim is knowingly submitted (as the terms "claim" and "knowingly" are defined in the California False Claims Act, Gov. Code, § 12650 et seq.), the District will be entitled to civil remedies

set forth in the California False Claim Act. It may also be considered fraud and the Contractor may be subject to criminal prosecution.

19. The undersigned Bidder certifies that it is, at the time of bidding, and shall be throughout the period of the Contract, licensed by the State of California to do the type of work required under the terms of the Contract Documents and registered as a public works contractor with the Department of Industrial Relations. Bidder further certifies that it is regularly engaged in the general class and type of work called for in the Contract Documents.

Furthermore, Bidder hereby certifies to the District that all representations, certifications, and statements made by Bidder, as set forth in this bid form, are true and correct and are made under penalty of perjury.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_

Name of Bidder: \_\_\_\_\_

Type of Organization: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

Address of Bidder: \_\_\_\_\_

Taxpayer Identification No. of Bidder: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

E-mail: \_\_\_\_\_ Web Page: \_\_\_\_\_

Contractor's License No(s): No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

No.: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Public Works Contractor Registration No.: \_\_\_\_\_

END OF DOCUMENT



**BID BOND**

**(Note: If Bidder is providing a bid bond as its bid security, Bidder must use this form, NOT a surety company form.)**

KNOW ALL PERSONS BY THESE PRESENTS:

That the undersigned, \_\_\_\_\_, as Principal ("Principal"),

and \_\_\_\_\_, as Surety ("Surety"), a corporation organized and existing under and by virtue of the laws of the State of California and authorized to do business as a surety in the State of California, are held and firmly bound unto the Bakersfield City School District ("District") of Kern County, State of California, as Obligee, in an amount equal to ten percent (10%) of the Base Bid plus alternates, in the sum of

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_)

lawful money of the United States of America, for the payment of which sum well and truly to be made, we, and each of us, bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that whereas the Principal has submitted a bid to the District for all Work specifically described in the accompanying bid for the following project: \_\_\_\_\_ ("Project" or "Contract").

NOW, THEREFORE, if the Principal is awarded the Contract and, within the time and manner required under the Contract Documents, after the prescribed forms are presented to Principal for signature, enters into a written contract, in the prescribed form in accordance with the bid, and files two bonds, one guaranteeing faithful performance and the other guaranteeing payment for labor and materials as required by law, and meets all other conditions to the Contract between the Principal and the Obligee becoming effective, or if the Principal shall fully reimburse and save harmless the Obligee from any damage sustained by the Obligee through failure of the Principal to enter into the written contract and to file the required performance and labor and material bonds, and to meet all other conditions to the Contract between the Principal and the Obligee becoming effective, then this obligation shall be null and void; otherwise, it shall be and remain in full force and effect. The full payment of the sum stated above shall be due immediately if Principal fails to execute the Contract within **seven (7) days** of the date of the District's Notice of Award to Principal.

Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or the call for bids, or to the work to be performed thereunder, or the specifications accompanying the same, shall in any way affect its obligation under this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract or the call for bids, or to the work, or to the specifications.

In the event suit is brought upon this bond by the Obligee and judgment is recovered, the Surety shall pay all costs incurred by the Obligee in such suit, including a reasonable attorneys' fee to be fixed by the Court.

If the District awards the bid, the security of unsuccessful bidder(s) shall be returned within sixty (60) days from the time the award is made. Unless otherwise required by law, no bidder may withdraw its bid for ninety (90) days after the date of the bid opening.

IN WITNESS WHEREOF, this instrument has been duly executed by the Principal and Surety above named, on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Principal

\_\_\_\_\_  
By

\_\_\_\_\_  
Surety

\_\_\_\_\_  
By

\_\_\_\_\_  
Name of California Agent of Surety

\_\_\_\_\_  
Address of California Agent of Surety

\_\_\_\_\_  
Telephone Number of California Agent of Surety

**Bidder must attach Power of Attorney and Certificate of Authority for Surety and a Notarial Acknowledgment for all Surety's signatures. The California Department of Insurance must authorize the Surety to be an admitted Surety Insurer.**

END OF DOCUMENT

**DESIGNATED SUBCONTRACTORS LIST**  
**(Public Contact Code Sections 4100-4114)**

PROJECT: \_\_\_\_\_

Bidder acknowledges and agrees that it must clearly set forth below the name, location and California contractor license number of each subcontractor who will perform work or labor or render service to the Bidder in or about the construction of the Work or who will specially fabricate and install a portion of the Work according to detailed drawings contained in the plans and specifications in an amount in excess of one-half of one percent (0.5%) of Bidder's total Base Bid and the kind of Work that each will perform. Only vendors or suppliers of materials do not need to be listed.

Bidder acknowledges and agrees that, if Bidder fails to list as to any portion of Work, or if Bidder lists more than one subcontractor to perform the same portion of Work, Bidder must perform that portion itself or be subjected to penalty under applicable law. In case more than one subcontractor is named for the same kind of Work, state the portion of the kind of Work that each subcontractor will perform.

If alternate bid(s) is/are called for and Bidder intends to use subcontractors different from or in addition to those subcontractors listed for work under the Base Bid, Bidder must list subcontractors that will perform Work in an amount in excess of one half of one percent (0.5%) of Bidder's total Base Bid plus alternate(s).

If further space is required for the list of proposed subcontractors, attach additional copies of page 2 showing the required information, as indicated below.

**Subcontractor Name:** \_\_\_\_\_

CA Cont. Lic. #: \_\_\_\_\_ Location: \_\_\_\_\_

DIR Registration #: \_\_\_\_\_

Portion of Work: \_\_\_\_\_

**Subcontractor Name:** \_\_\_\_\_

CA Cont. Lic. #: \_\_\_\_\_ Location: \_\_\_\_\_

DIR Registration #: \_\_\_\_\_

Portion of Work: \_\_\_\_\_

**Subcontractor Name:** \_\_\_\_\_

CA Cont. Lic. #: \_\_\_\_\_ Location: \_\_\_\_\_

DIR Registration #: \_\_\_\_\_

Portion of Work: \_\_\_\_\_

**Subcontractor Name:** \_\_\_\_\_

CA Cont. Lic. #: \_\_\_\_\_ Location: \_\_\_\_\_

DIR Registration #: \_\_\_\_\_

Portion of Work: \_\_\_\_\_

**Subcontractor Name:** \_\_\_\_\_

CA Cont. Lic. #: \_\_\_\_\_ Location: \_\_\_\_\_

DIR Registration #: \_\_\_\_\_

Portion of Work: \_\_\_\_\_

**Subcontractor Name:** \_\_\_\_\_

CA Cont. Lic. #: \_\_\_\_\_ Location: \_\_\_\_\_

DIR Registration #: \_\_\_\_\_

Portion of Work: \_\_\_\_\_

**Subcontractor Name:** \_\_\_\_\_

CA Cont. Lic. #: \_\_\_\_\_ Location: \_\_\_\_\_

DIR Registration #: \_\_\_\_\_

Portion of Work: \_\_\_\_\_

**Subcontractor Name:** \_\_\_\_\_

CA Cont. Lic. #: \_\_\_\_\_ Location: \_\_\_\_\_

DIR Registration #: \_\_\_\_\_

Portion of Work: \_\_\_\_\_

Date: \_\_\_\_\_

Proper Name of Bidder: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

END OF DOCUMENT

**SITE VISIT CERTIFICATION**

TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID  
IF SITE VISIT WAS MANDATORY

PROJECT: **Horace Mann Elementary School – Campus HVAC System Upgrades**

Check option that applies:

\_\_\_\_\_ I certify that I visited the Site of the proposed Work, received the attached \_\_\_\_\_ pages of information, and became fully acquainted with the conditions relating to construction and labor. I fully understand the facilities, difficulties, and restrictions attending the execution of the Work under contract.

\_\_\_\_\_ I certify that \_\_\_\_\_ (Bidder's representative) visited the Site of the proposed Work, received the attached \_\_\_\_\_ pages of information, and became fully acquainted with the conditions relating to construction and labor. The Bidder's representative fully understood the facilities, difficulties, and restrictions attending the execution of the Work under contract.

Bidder fully indemnifies the Bakersfield City School District, its Architect, its Engineers, its Construction Manager, and all of their respective officers, agents, employees, and consultants from any damage, or omissions, related to conditions that could have been identified during my visit and/or the Bidder's representative's visit to the Site.

I certify under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Date: \_\_\_\_\_

Proper Name of Bidder: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

**ATTACHMENTS:**

- 1.
- 2.
- 3.

END OF DOCUMENT

**NON-COLLUSION DECLARATION  
(Public Contract Code Section 7106)**

The undersigned declares:

I am the \_\_\_\_\_ of \_\_\_\_\_, the party making the foregoing bid.  
[Title] [Name of Firm]

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or to refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder. All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct, and that this declaration is executed on \_\_\_\_\_,  
[Date]

at \_\_\_\_\_, \_\_\_\_\_.  
[City] [State]

Date: \_\_\_\_\_

Proper Name of Bidder: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

END OF DOCUMENT

**IRAN CONTRACTING ACT CERTIFICATION**  
**(Public Contract Code Sections 2202-2208)**

PROJECT/CONTRACT NO.: \_\_\_\_\_ between the Bakersfield City School District ("District") and \_\_\_\_\_ ("Contractor" or "Bidder") ("Contract" or "Project").

Prior to bidding on or submitting a proposal for a contract for goods or services of \$1,000,000 or more, the bidder/proposer must submit this certification pursuant to Public Contract Code section 2204.

The bidder/proposer must complete **ONLY ONE** of the following two options. To complete **OPTION 1**, check the corresponding box **and** complete the certification below. To complete **OPTION 2**, check the corresponding box, complete the certification below, and attach documentation demonstrating the exemption approval.

- OPTION 1.** Bidder/Proposer is not on the current list of persons engaged in investment activities in Iran created by the California Department of General Services ("DGS") pursuant to Public Contract Code section 2203(b), and we are not a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person, for 45 days or more, if that other person will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS.
- OPTION 2.** Bidder/Proposer has received a written exemption from the certification requirement pursuant to Public Contract Code sections 2203(c) and (d). *A copy of the written documentation demonstrating the exemption approval is included with our bid/proposal.*

**CERTIFICATION:**

I, the official named below, CERTIFY UNDER PENALTY OF PERJURY, that I am duly authorized to legally bind the bidder/proposer to the OPTION selected above. This certification is made under the laws of the State of California.

<i>Vendor Name/Financial Institution (Printed)</i>	<i>Federal ID Number (or n/a)</i>
<i>By (Authorized Signature)</i>	
<i>Printed Name and Title of Person Signing</i>	<i>Date Executed</i>

END OF DOCUMENT

**WORKERS' COMPENSATION CERTIFICATION**

PROJECT/CONTRACT NO.: \_\_\_\_\_ between the Bakersfield City School District ("District") and \_\_\_\_\_ ("Contractor" or "Bidder") ("Contract" or "Project").

Labor Code section 3700, in relevant part, provides:

Every employer except the State shall secure the payment of compensation in one or more of the following ways:

- By being insured against liability to pay compensation by one or more insurers duly authorized to write compensation insurance in this state; and/or
- By securing from the Director of Industrial Relations a certificate of consent to self-insure, which may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to his employees.

I am aware of the provisions of section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the Work of this Contract.

Date: \_\_\_\_\_

Proper Name of Contractor: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

(In accordance with Labor Code sections 1860 and 1861, the above certificate must be signed and filed with the awarding body prior to performing any Work under this Contract.)

END OF DOCUMENT



**PREVAILING WAGE AND  
RELATED LABOR REQUIREMENTS CERTIFICATION**

PROJECT/CONTRACT NO.: \_\_\_\_\_ between the Bakersfield City School District ("District") and \_\_\_\_\_ ("Contractor" or "Bidder") ("Contract" or "Project").

I hereby certify that I will conform to the State of California Public Works Contract requirements regarding prevailing wages, benefits, on-site audits with 48-hours' notice, payroll records, and apprentice and trainee employment requirements, for all Work on the above Project including, without limitation, labor compliance monitoring and enforcement by the Department of Industrial Relations.

I hereby certify that I will also conform to the Federal Labor Standards Provisions regarding minimum wages, withholding, payrolls and basic records, apprentice and trainee employment requirements, equal employment opportunity requirements, Copeland Act requirements, Davis-Bacon and Related Act requirements, Contract Work Hours and Safety Standards Act requirements, and any and all other applicable requirements for federal funding for all Work on the above Project.

Date: \_\_\_\_\_

Proper Name of Contractor: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

END OF DOCUMENT

**DISABLED VETERAN BUSINESS  
ENTERPRISE PARTICIPATION CERTIFICATION**

PROJECT/CONTRACT NO.: \_\_\_\_\_ between the Bakersfield City School District ("District") and \_\_\_\_\_ ("Contractor" or "Bidder") ("Contract" or "Project").

**GENERAL INSTRUCTIONS**

Section 17076.11 of the Education Code requires school districts using, or planning to use, funds allocated pursuant to the State of California School Facility Program ("Program") for the construction and/or modernization of school buildings to have a participation goal for disabled veteran business enterprises ("DVBE") of at least three percent (3%) per year of the overall dollar amount expended each year by the school district on projects that receive state funding. Therefore, the lowest responsive responsible Bidder awarded the Contract must submit this document to the District with its executed Agreement, identifying the steps contractor took to solicit DVBE participation in conjunction with this Contract. **Do not submit this form with your bids.**

**PART I – Method of Compliance with DVBE Participation Goals.** Check the appropriate box to indicate your method of committing the contract dollar amount.

<b>YOUR BUSINESS ENTERPRISE IS:</b>	<b>AND YOU WILL</b>	<b>AND YOU WILL</b>
<b>1.01 <input type="checkbox"/> Disabled veteran owned and your forces will perform at least 3% of this Contract</b>	Include a copy of your DVBE letter from Office of Small Business and Disabled Veterans Business Enterprise Services ("OSDS")*	Complete Part 1 of this form and the Certification
<b>1.02 <input type="checkbox"/> Disabled veteran owned but is unable to perform 3% of this Contract with your forces</b>	Use DVBE subcontractors /suppliers to bring the Contract participation to at least 3%	Include a copy of each DVBE's letter from OSDS (including yours, if applicable), and complete Part 1 of this form and the Certification
<b>1.03 <input type="checkbox"/> NOT disabled veteran owned</b>	Use DVBE subcontractors /suppliers for at least 3% of this Contract	Complete all of this form and the Certification
<b>1.04 <input type="checkbox"/> Unable to meet the required participation goals after good faith efforts</b>	Make good faith efforts, including contacts, advertisement and DVBE solicitation	Complete all of this form and the Certification

\* A DVBE letter from OSDS is obtained from the participating DVBE.

**You must complete the following table to show the dollar amount of DVBE participation:**

	<b>TOTAL PRICE</b>	<b>CONTRACT</b>
<b>1.01 Prime Bidder, if DVBE (own participation)</b>	\$	
<b>1.02 DVBE Subcontractor or Supplier</b>		
A.		
B.		
C.		
D.		
<b>1.03 Subtotal (A &amp; B)</b>		
<b>1.04 Non-DVBE</b>		
<b>1.05 Total Bid</b>		

**PART II – Contacts.** To identify DVBE subcontractors/suppliers for participation in your contract, you must contact each of the following categories. You should contact several DVBE organizations.

<b>CATEGORY</b>	<b>TELEPHONE NUMBER</b>	<b>DATE CONTACTED</b>	<b>PERSON CONTACTED</b>
A. The District, if any			*
B. OSDS, provides assistance locating DVBEs at <a href="https://caleprocure.ca.gov/pages/PublicSearch/supplier-search.aspx">https://caleprocure.ca.gov/pages/PublicSearch/supplier-search.aspx</a>	(916) 375-4940		*
C. DVBE Organization (List)			*

\*Write "recorded message" in this column, if applicable.

**PART III – Advertisement.** You must advertise for DVBE participation in both a trade and focus paper. List the advertisement you place to solicit DVBE participation. Advertisements should be published at least fourteen (14) days prior to bid/proposal opening; if you cannot advertise fourteen (14) days prior, advertisements should be published as soon as possible. Advertisements must include that your firm is seeking DVBE participation, the project name and location, and your firm’s name, your contact person, and telephone number. Attach copies of advertisements to this form.

FOCUS/TRADE PAPER NAME	CHECK ONE		DATE OF ADVERTISEMENT
	TRADE	FOCUS	

**PART IV – DVBE Solicitations.** List DVBE subcontractors/suppliers that were invited to bid. Use the following instructions to complete the remainder of this section (read the three columns as a sentence from left to right). If you need additional space to list DVBE solicitations, please use a separate page and attach to this form.

IF THE DVBE.....	THEN.....	AND.....		
was selected to participate	Check "YES" in the "SELECTED" column	include a copy of their DVBE letter(s) from OSDS		
was <b>NOT</b> selected to participate	Check "NO" in the "SELECTED" column	state why in the "REASON NOT SELECTED" column		
did not respond to your solicitation	Check the "NO RESPONSE" column.			
DVBE CONTACTED	SELECTED		REASON NOT SELECTED	NO RESPONSE
	YES	NO		

A copy of this form must be retained by you and may be subject to a future audit.

**CERTIFICATION**

I, \_\_\_\_\_, certify that I am the bidder's \_\_\_\_\_ and that I have made a diligent effort to ascertain the facts with regard to the representations made herein. In making this certification, I am aware of section 12650 et seq. of the Government Code providing for the imposition of treble damages for making false claims.

Date: \_\_\_\_\_

Proper Name of Contractor: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

END OF DOCUMENT

**DRUG-FREE WORKPLACE CERTIFICATION**

PROJECT/CONTRACT NO.: \_\_\_\_\_ between the Bakersfield City School District ("District") and \_\_\_\_\_ ("Contractor" or "Bidder") ("Contract" or "Project").

This Drug-Free Workplace Certification form is required from the successful Bidder pursuant to Government Code section 8350 et seq., the Drug-Free Workplace Act of 1990. The Drug-Free Workplace Act of 1990 requires that every person or organization awarded a contract or grant for the procurement of any property or service from any state agency must certify that it will provide a drug-free workplace by doing certain specified acts. In addition, the Act provides that each contract or grant awarded by a state agency may be subject to suspension of payments or termination of the contract or grant, and the contractor or grantee may be subject to debarment from future contracting, if the contracting agency determines that specified acts have occurred.

The District is not a "state agency" as defined in the applicable section(s) of the Government Code, but the District is a local agency and public school district under California law and requires all contractors on District projects to comply with the provisions and requirements of the Drug-Free Workplace Act of 1990.

Contractor must also comply with the provisions of Health & Safety Code section 11362.3 which prohibits the consumption or possession of cannabis or cannabis products in any public place, including school grounds, and specifically on school grounds while children are present.

Contractor shall certify that it will provide a drug-free workplace by doing all the following:

- Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance is prohibited in the person's or organization's workplace and specifying actions which will be taken against employees for violations of the prohibition.
- Establishing a drug-free awareness program to inform employees about all the following:
  - (1) The dangers of drug abuse in the workplace.
  - (2) The person's or organization's policy of maintaining a drug-free workplace.
  - (3) The availability of drug counseling, rehabilitation, and employee-assistance programs.
  - (4) The penalties that may be imposed upon employees for drug abuse violations.
- Requiring that each employee engaged in the performance of the contract or grant be given a copy of the statement required above, and that, as a condition of employment on the contract or grant, the employee agrees to abide by the terms of the statement.

I, the undersigned, agree to fulfill the terms and requirements of Government Code section 8355 listed above and will publish a statement notifying employees concerning (a) the prohibition of controlled substance at the workplace, (b) establishing a drug-free awareness program, and (c) requiring that each employee engaged in the performance of the Contract be given a copy of the statement required by section 8355(a), and requiring that the employee agree to abide by the terms of that statement.

I also understand that if the District determines that I have either (a) made a false certification herein, or (b) violated this certification by failing to carry out the requirements of section 8355, that the Contract awarded herein is subject to termination, suspension of payments, or both. I further understand that, should I violate the terms of the Drug-Free Workplace Act of 1990, I may be subject to debarment in accordance with the requirements of the aforementioned Act.

I acknowledge that I am aware of the provisions of and hereby certify that I will adhere to the requirements of the Drug-Free Workplace Act of 1990 and Health and Safety Code section 11362.3.

Date: \_\_\_\_\_

Proper Name of Contractor: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

END OF DOCUMENT

**TOBACCO-FREE ENVIRONMENT CERTIFICATION**

PROJECT/CONTRACT NO.: \_\_\_\_\_ between the Bakersfield City School District ("District") and \_\_\_\_\_ ("Contractor" or "Bidder") ("Contract" or "Project").

This Tobacco-Free Environment Certification form is required from the successful Bidder.

Pursuant to, without limitation, 20 U.S.C. section 6083, Labor Code section 6400 et seq., Health & Safety Code section 104350 et seq., Business and Professions Code section 22950 et seq., and District Board policies, all District sites, including the Project site, are tobacco-free environments. Smoking and the use of tobacco products by all persons is prohibited on or in District property. District property includes school buildings, school grounds, school-owned vehicles and vehicles owned by others while on District property. The prohibition on smoking includes the use of any electronic smoking device that creates an aerosol or vapor, in any manner or in any form, and the use of any oral smoking device for the purpose of circumventing the prohibition of tobacco smoking. Further, Health & Safety Code section 11362.3 prohibits the smoking or use of cannabis or cannabis products in any place where smoking tobacco is prohibited.

I acknowledge that I am aware of the District's policy regarding tobacco-free environments at District sites, including the Project site and hereby certify that I will adhere to the requirements of that policy and not permit any of my firm's employees, agents, subcontractors, or my firm's subcontractors' employees or agents, to use tobacco and/or smoke on the Project site.

Date: \_\_\_\_\_  
Proper Name of Contractor: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Print Name: \_\_\_\_\_  
Title: \_\_\_\_\_

END OF DOCUMENT



**HAZARDOUS MATERIALS CERTIFICATION**

PROJECT/CONTRACT NO.: \_\_\_\_\_ between Bakersfield City School District ("District") and \_\_\_\_\_ ("Contractor" or "Bidder") ("Contract" or "Project").

- 1. Contractor hereby certifies that no asbestos, or asbestos-containing materials, polychlorinated biphenyl (PCB), or any material listed by the federal or state Environmental Protection Agency or federal or state health agencies as a hazardous material, or any other material defined as being hazardous under federal or state laws, rules, or regulations, ("New Hazardous Material"), shall be furnished, installed, or incorporated in any way into the Project or in any tools, devices, clothing, or equipment used to affect any portion of Contractor's work on the Project for District.
- 35. Contractor further certifies that it has instructed its employees with respect to the above-mentioned standards, hazards, risks, and liabilities.
- 36. Asbestos and/or asbestos-containing material shall be defined as all items containing but not limited to chrysotile, crocidolite, amosite, anthophyllite, tremolite, and actinolite. Any or all material containing greater than one-tenth of one percent (0.1%) asbestos shall be defined as asbestos-containing material.
- 37. Any disputes involving the question of whether or not material is New Hazardous Material shall be settled by electron microscopy or other appropriate and recognized testing procedure, at the District's determination. The costs of any such tests shall be paid by Contractor if the material is found to be New Hazardous Material.
- 38. All Work or materials found to be New Hazardous Material or Work or material installed with equipment containing New Hazardous Material will be immediately rejected and this Work will be removed at Contractor's expense at no additional cost to the District.
- 39. Contractor has read and understood the document titled Hazardous Materials Procedures & Requirements, and shall comply with all the provisions outlined therein. Contractor certifies that it is knowledgeable of, and shall comply with, all laws applicable to the Work including, but not limited to, all federal, state, and local laws, statutes, standards, rules, regulations, and ordinances applicable to the Work.

Date: \_\_\_\_\_

Proper Name of Contractor: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

END OF DOCUMENT

**LEAD-BASED MATERIALS CERTIFICATION**

PROJECT/CONTRACT NO.: \_\_\_\_\_ between the Bakersfield City School District ("District") and \_\_\_\_\_ ("Contractor" or "Bidder") ("Contract" or "Project").

This certification provides notice to the Contractor that:

- (1) Contractor's work may disturb lead-containing building materials.
- (2) Contractor shall notify the District if any work may result in the disturbance of lead-containing building materials.
- (3) Contractor shall comply with the Renovation, Repair and Painting Rule, if lead-based paint is disturbed in a six-square-foot or greater area indoors or a 20-square-foot or greater area outdoors.

**1. Lead as a Health Hazard**

Lead poisoning is recognized as a serious environmental health hazard facing children today. Even at low levels of exposure, much lower than previously believed, lead can impair the development of a child's central nervous system, causing learning disabilities, and leading to serious behavioral problems. Lead enters the environment as tiny lead particles and lead dust disburse when paint chips, chalks, peels, wears away over time, or is otherwise disturbed. Ingestion of lead dust is the most common pathway of childhood poisoning; lead dust gets on a child's hands and toys and then into a child's mouth through common hand-to-mouth activity. Exposures may result from construction or remodeling activities that disturb lead paint, from ordinary wear and tear of windows and doors, or from friction on other surfaces.

Ordinary construction and renovation or repainting activities carried out without lead-safe work practices can disturb lead-based paint and create significant hazards. Improper removal practices, such as dry scraping, sanding, or water blasting painted surfaces, are likely to generate high volumes of lead dust.

Because the Contractor and its employees will be providing services for the District, and because the Contractor's work may disturb lead-containing building materials, CONTRACTOR IS HEREBY NOTIFIED of the potential presence of lead-containing materials located within certain buildings utilized by the District. All school buildings built prior to 1978 are presumed to contain some lead-based paint until sampling proves otherwise.

**40. Overview of California Law**

Education Code section 32240 et seq. is known as the Lead-Safe Schools Protection Act. Under this act, the Department of Health Services is to conduct a sample survey of schools in the State of California for the purpose of developing risk factors to predict lead contamination in public schools. (Ed. Code, § 32241.)

Any school that undertakes any action to abate existing risk factors for lead is required to utilize trained and state-certified contractors, inspectors, and workers. (Ed. Code, § 32243, subd. (b).) Moreover, lead-based paint, lead plumbing, and solders, or other potential sources of lead contamination, shall not be utilized in the construction of any new school facility or the modernization or renovation of any existing school facility. (Ed. Code, § 32244.)

Both the Federal Occupational Safety and Health Administration ("Fed/OSHA") and the California Division of Occupational Safety and Health ("Cal/OSHA") have implemented safety orders applicable to all construction work where a contractor's employee may be occupationally exposed to lead.

The OSHA Regulations apply to all construction work where a contractor's employee may be occupationally exposed to lead. The OSHA Regulations contain specific and detailed requirements imposed on contractors subject to those regulations. The OSHA Regulations define construction work as work for construction, alteration, and/or repair, including painting and decorating. Regulated work includes, but is not limited to, the following:

- Demolition or salvage of structures where lead or materials containing lead are present;
- Removal or encapsulation of materials containing lead;
- New construction, alteration, repair, or renovation of structures, substrates, or portions thereof, that contain lead, or materials containing lead;
- Installation of products containing lead;
- Lead contamination/emergency cleanup;
- Transportation, disposal, storage, or containment of lead or materials containing lead on the site or location at which construction activities are performed; and
- Maintenance operations associated with the construction activities described in the subsection.

Because it is assumed by the District that all painted surfaces (interior as well as exterior) within the District contain some level of lead, it is imperative that the Contractor, its workers and subcontractors fully and adequately comply with all applicable laws, rules and regulations governing lead-based materials (including title 8, California Code of Regulations, section 1532.1).

**Contractor shall notify the District if any Work may result in the disturbance of lead-containing building materials. Any and all Work that may result in the disturbance of lead-containing building materials shall be coordinated through the District. A signed copy of this Certification shall be on file prior to beginning Work on the Project, along with all current insurance certificates.**

41. Renovation, Repair and Painting Rule, Section 402(c)(3) of the Toxic Substances Control Act

The EPA requires lead safe work practices to reduce exposure to lead hazards created by renovation, repair and painting activities that disturb lead-based paint. Pursuant to the Renovation, Repair and Painting Rule (RRP), renovations in homes, childcare facilities, and schools built prior to 1978 must be conducted by certified renovations firms, using renovators with training by a EPA-accredited training provider, and fully and adequately complying with all applicable laws, rules and regulations governing lead-based materials, including those rules and regulations appearing within title 40 of the Code of Federal Regulations as part 745 (40 CFR 745).

The RRP requirements apply to all contractors who disturb lead-based paint in a six-square-foot or greater area indoors or a 20-square-foot or greater area outdoors. If a DPH-certified inspector or risk assessor determines that a home constructed before 1978 is lead-free, the federal certification is not required for anyone working on that particular building.

42. Contractor's Liability

If the Contractor fails to comply with any applicable laws, rules, or regulations, and that failure results in a site or worker contamination, the Contractor will be held solely responsible for all costs involved in any required corrective actions, and shall defend, indemnify, and hold harmless the District, pursuant to the indemnification provisions of the Contract, for all damages and other claims arising therefrom.

If lead disturbance is anticipated in the Work, only persons with appropriate accreditation, registrations, licenses, and training shall conduct this Work.

It shall be the responsibility of the Contractor to properly dispose of any and all waste products, including, but not limited to, paint chips, any collected residue, or any other visual material that may occur from the prepping of any painted surface. It will be the responsibility of the Contractor to provide the proper disposal of any hazardous waste by a certified hazardous waste hauler. This company shall be registered with the Department of Transportation (DOT) and shall be able to issue a current manifest number upon transporting any hazardous material from any school site within the District.

The Contractor shall provide the District with any sample results prior to beginning Work, during the Work, and after the completion of the Work. The District may request to examine, prior to the commencement of the Work, the lead training records of each employee of the Contractor.

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THE CONTRACTOR HEREBY ACKNOWLEDGES, UNDER PENALTY OF PERJURY, THAT IT:

1. HAS RECEIVED NOTIFICATION OF POTENTIAL LEAD-BASED MATERIALS ON THE OWNER'S PROPERTY;
2. IS KNOWLEDGEABLE REGARDING AND WILL COMPLY WITH ALL APPLICABLE LAWS, RULES, AND REGULATIONS GOVERNING WORK WITH, AND DISPOSAL, OF LEAD.

THE UNDERSIGNED WARRANTS THAT HE/SHE HAS THE AUTHORITY TO SIGN ON BEHALF OF AND BIND THE CONTRACTOR. THE DISTRICT MAY REQUIRE PROOF OF SUCH AUTHORITY.

Date: \_\_\_\_\_

Proper Name of Contractor: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

END OF DOCUMENT

**IMPORTED MATERIALS CERTIFICATION**

PROJECT/CONTRACT NO.: \_\_\_\_\_ between the Bakersfield City School District ("District") and \_\_\_\_\_ ("Contractor" or "Bidder") ("Contract" or "Project").

This form shall be executed by all entities that, in any way, provide or deliver and/or supply any soils, aggregate, or related materials ("Fill") to the Project Site and shall be provided to the District at least ten (10) days before delivery. All Fill shall satisfy all requirements of any environmental review of the Project performed pursuant to the statutes and guidelines of the California Environmental Quality Act, section 21000 et seq. of the Public Resources Code ("CEQA"), and all requirements of section 17210 et seq. of the Education Code, including requirements for a Phase I environmental assessment acceptable to the State of California Department of Education and Department of Toxic Substances Control.

Certification of:  Delivery Firm/Transporter  Supplier  Manufacturer  
 Wholesaler  Broker  Retailer  
 Distributor  Other \_\_\_\_\_

Type of Entity  Corporation  General Partnership  
 Limited Partnership  Limited Liability Company  
 Sole Proprietorship  Other \_\_\_\_\_

Name of firm ("Firm"): \_\_\_\_\_

Mailing address: \_\_\_\_\_

Addresses of branch office used for this Project: \_\_\_\_\_

If subsidiary, name, and address of parent company: \_\_\_\_\_

By my signature below, I hereby certify that I am aware of section 25260 of the Health and Safety Code and the sections referenced therein regarding the definition of hazardous material. I further certify on behalf of the Firm that all soils, aggregates, or related materials provided, delivered, and/or supplied or that will be provided, delivered, and/or supplied by this Firm to the Project Site are free of any and all hazardous material as defined in section 25260 of the Health and Safety Code. I further certify that I am authorized to make this certification on behalf of the Firm.

Date: \_\_\_\_\_

Proper Name of Firm: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

END OF DOCUMENT

**CRIMINAL BACKGROUND INVESTIGATION/  
FINGERPRINTING CERTIFICATION**

PROJECT/CONTRACT NO.: \_\_\_\_\_ between the Bakersfield City School District ("District") and \_\_\_\_\_ ("Contractor" or "Bidder") ("Contract" or "Project").

The undersigned does hereby certify to the District that I am a representative of the Contractor currently under contract with the District; that I am familiar with the facts herein certified; and that I am authorized and qualified to execute this certificate on behalf of Contractor.

Contractor certifies that it has taken at least one of the following actions (check all that apply):

- Pursuant to Education Code section 45125.2(a), Contractor has installed or will install, prior to commencement of Work, a physical barrier at the Work Site, that will limit contact between Contractor's employees, Subcontractors or suppliers and District pupils at all times; and/or
- Pursuant to Education Code section 45125.2(a), Contractor certifies that all employees will be under the continual supervision of, and monitored by, an employee of the Contractor who the California Department of Justice ("DOJ") has ascertained, or as described below, will ascertain, has not been convicted of a violent or serious felony. The name and title of the employee who will be supervising Contractor's and its subcontractors' or suppliers' employees is:

Name: \_\_\_\_\_

Title: \_\_\_\_\_

**NOTE:** If Contractor is a sole proprietor, and elects the above option, Contractor must have the above-named employee's fingerprints prepared and submitted by District for submission to the DOJ, in accordance with Education Code section 45125.1(h). No work shall commence until such determination by DOJ has been made.

- Pursuant to Education Code section 45125.2(a), the District will take appropriate steps to protect the safety of any pupils that may come in contact with Contractor's employees, subcontractors, or suppliers so that the fingerprinting and criminal background investigation requirements of Education Code section 45125.2 shall not apply to Contractor under the Contract.
- The Work on the Contract is either (i) at an unoccupied school site and no employee of Contractor and/or subcontractor or supplier of any tier of the Contract shall come in contact with the District pupils or (ii) if Contractor's employees or any subcontractor or supplier of any tier of the Contract interacts with pupils, such interaction shall only take place under the immediate supervision and control of the pupil's parent or guardian or a school employee, so that the fingerprinting and criminal background investigation requirements of Education Code section 45125.1 shall not apply to Contractor under the Contract.

- The Contractor, who is not a sole proprietor, has complied with the fingerprinting requirements of Education Code section 45125.1 with respect to all Contractor's employees and all of its Subcontractors' employees who may have contact with District pupils in the course of providing services pursuant to the Contract, and the DOJ has determined (A) that none of those employees has been convicted of a felony, as that term is defined in Education Code section 45122.1 and/or (B) that the prohibition does not apply to an employee as provided by Education Code section 45125.1(e)(2) or (3). When the Contractor performs the criminal background check, it shall immediately provide any subsequent arrest and conviction information it receives to the District pursuant to the subsequent arrest service. No work shall commence until the Department of Justice ascertains that Contractor's employees and any subcontractors' employees have not been convicted of a felony as defined in Education Code Section 45122.1.

**A complete and accurate list of Contractor's employees and of all of its subcontractors' employees who may come in contact with District pupils during the course and scope of the Contract is attached hereto as ATTACHMENT "A;" and/or**

- The Contractor is a sole proprietor and intends to comply with the fingerprinting requirements of Education Code section 45125.1(h) with respect to all Contractor's employees who may have contact with District pupils in the course of providing services pursuant to the Contract, and hereby agrees to the District's preparation and submission of fingerprints such that the DOJ may determine (A) that none of those employees has been convicted of a felony, as that term is defined in Education Code section 45122.1 and/or (B) that the prohibition does not apply to an employee as provided by Education Code section 45125.1(e)(2) or (3). No work shall commence until the Department of Justice ascertains that Contractor's employees and any subcontractors' employees have not been convicted of a felony as defined in Education Code Section 45122.1.

Contractor's responsibility for background clearance extends to all of its employees, Subcontractors or suppliers, and employees of Subcontractors or suppliers coming into contact with District pupils regardless of whether they are designated as employees or acting as independent contractors of the Contractor.

Date: \_\_\_\_\_  
Proper Name of Contractor: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Print Name: \_\_\_\_\_  
Title: \_\_\_\_\_

[CONTINUED ON NEXT PAGE]



**ATTACHMENT "A"**

**List of Employees/Subcontractors**

**Name/Company:** \_\_\_\_\_

**Name/Company:** \_\_\_\_\_

**Name/Company:** \_\_\_\_\_

**Name/Company:** \_\_\_\_\_

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**Name/Company:** \_\_\_\_\_

**Name/Company:** \_\_\_\_\_

**Name/Company:** \_\_\_\_\_

If further space is required for the list of employees/subcontractors, attach additional copies of this page.

END OF DOCUMENT



By my signature below, I hereby certify that, to the best of my knowledge, the contents of this disclosure are true, or are believed to be true. I further certify on behalf of the Firm that I am aware of section 3000 et seq. of the California Public Contract Code, and the sections referenced therein regarding the penalties for providing false information or failing to disclose a financial relationship in this disclosure. I further certify that I am authorized to make this certification on behalf of the Firm.

Date: \_\_\_\_\_

Proper Name of Firm: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

END OF DOCUMENT

**FEDERAL DEBARMENT CERTIFICATION**

PROJECT/CONTRACT NO.: 23247.00-12 between the Bakersfield City School District ("District") and \_\_\_\_\_ ("Contractor" or "Bidder") ("Contract" or "Project").

1. Bidder certifies to the best of its knowledge and belief, that it and its principals:

a. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded by any Federal department or Board;

b. Have not within a three-year period preceding this bid been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

c. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and

d. Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or local) terminated for cause or default.

2. Where Bidder is unable to certify to any of the statements in this certification, Bidder shall attach an explanation to this certification.

3. Bidder agrees to include the following certification in all subcontracts, for all lower tiers:

*"Debarment and Suspension Certification - By submission of its proposal, the contractor (or vendor, or consultant, depending on the transaction) certifies to the best of its knowledge and belief that it and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency in accordance with 2 CFR 200.213 and 2 CFR 180."*

Date: \_\_\_\_\_

Proper Name of Contractor: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

END OF DOCUMENT

**BYRD ANTI-LOBBYING CERTIFICATION**

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**Applicable to Grants, Subgrants, Cooperative Agreements, and Contracts  
Exceeding \$100,000 in Federal Funds**

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Submission of this certification is a prerequisite for making or entering into this transaction and is imposed by section 1352, Title 31, U.S. Code. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

**The undersigned certifies, to the best of their knowledge and belief, that:**

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents of all sub-awards at all tiers (including subcontracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub- recipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, United States Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

\_\_\_\_\_  
Contractor

\_\_\_\_\_  
Address

\_\_\_\_\_  
Certified by: (type or print)

\_\_\_\_\_  
Title

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

**NOTICE OF AWARD**

Dated: \_\_\_\_\_ 20\_\_

To: \_\_\_\_\_ (Contractor)

\_\_\_\_\_  
(Address)

From: Governing Board ("Board") of the Bakersfield City School District ("District")

Re: \_\_\_\_\_, Project No. **22214.00-32**  
("Project").

Contractor has been awarded the Contract for the above-referenced Project on \_\_\_\_\_  
\_\_\_\_\_, 20\_\_, by action of the District's Board **OR** by action of the Superintendent or  
Superintendent's designee pursuant to a delegation of authority by the District's Board  
pending ratification.

The Contract Price is \_\_\_\_\_ Dollars (\$\_\_\_\_\_), and  
includes alternates \_\_\_\_\_.

Drawings will only be provided electronically as requested.

You must comply with the following conditions precedent within **FOURTEEN (14)** calendar days of  
the date of this Notice of Award.

The Contractor shall execute and submit the following documents by 5:00 p.m. of the  
**FOURTEENTH (14th)** calendar day following the date of the Notice of Award.

- Agreement: To be executed by successful Bidder. Submit three (3) copies, each bearing an original signature.
- Performance Bond (100%): On the form provided in the Contract Documents and fully executed as indicated on the form.
- Payment Bond (Contractor's Labor & Material Bond) (100%): On the form provided in the Contract Documents and fully executed as indicated on the form.
- Insurance Certificates and Endorsements as required.
- Workers' Compensation Certification.
- Prevailing Wage and Related Labor Requirements Certification.
- Disabled Veteran Business Enterprise Participation Certification.
- Drug-Free Workplace Certification.
- Tobacco-Free Environment Certification.

- Hazardous Materials Certification.
- Lead-Based Materials Certification.
- Imported Materials Certification.
- Criminal Background Investigation/Fingerprinting Certification.
- Roofing Project Certification: from Contractor, Material Manufacturer and/or Vendor.

Failure to comply with these conditions within the time specified will entitle District to consider your bid abandoned, to annul this Notice of Award, and to declare your Bid Security forfeited, as well as any other rights the District may have against the Contractor.

After you comply with those conditions, District will return to you one fully signed counterpart of the Agreement.

**BAKERSFIELD CITY SCHOOL DISTRICT**

BY: \_\_\_\_\_

NAME: \_\_\_\_\_

TITLE: \_\_\_\_\_

END OF DOCUMENT

**Disclosure of Lobbying Activities**

Approved by OMB  
0348-004

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352  
(See following page for public burden disclosure)

<b>1. Type of Federal Action:</b> <input type="checkbox"/> contract <input type="checkbox"/> grant <input type="checkbox"/> cooperative agreement loan <input type="checkbox"/> loan guarantee <input type="checkbox"/> loan insurance	<b>2. Status of Federal Action:</b> <input type="checkbox"/> proposal/offer/application <input type="checkbox"/> initial award <input type="checkbox"/> post-award	<b>3. Report Type:</b> <input type="checkbox"/> initial filing <input type="checkbox"/> material change For material change only: Year _____ quarter ____ Date of last report _____
<b>4. Name and Address of Reporting Entity:</b> _____ Prime _____ Subawardee Tier _____, if Known:  Congressional District, if known:	<b>5. If Reporting Entity in No. 4 is Subawardee,</b> Enter Name and Address of Prime:  Congressional District, if known:	
<b>6. Federal Department/Agency:</b>	<b>7. Federal Program Name/Description:</b>  CFDA Number, if applicable: _____	
<b>8. Federal Action Number, if known:</b>	<b>9. Award Amount, if known:</b> \$	
<b>10a. Name and Address of Lobbying Registrant</b> <i>(if individual, last name, first name, MI):</i>	<b>10b. Individuals Performing Services</b> <i>(including address if different from No. 10a)</i> <i>(last name, first name, MI):</i>	
<b>11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to the Congress semi-annually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.</b>	Signature: _____ Print Name: _____ Title: _____ Telephone No.: _____ Date: ____	
<b>Federal Use Only</b>	<b>Authorized for Local Reproduction</b> <b>Standard Form - LLL (Rev. 7-97)</b>	



## INSTRUCTIONS FOR COMPLETION OF SF-LLL, DISCLOSURE OF LOBBYING ACTIVITIES

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of a covered Federal action, or a material change to a previous filing, pursuant to Title 31, U.S.C. section 1352. The filing of a form is required for each payment or agreement to make payment to any lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with a covered Federal action. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence the outcome of a covered Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a follow up report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last previously submitted report by this reporting entity for this covered Federal action.
4. Enter the full name, address, city, State, and zip code of the reporting entity. Include Congressional District, if known. Check the appropriate classification of the reporting entity that designates if it is, or expects to be, a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the 1st tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in item 4 checks "Subawardee," then enter the full name, address, city, State, and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the federal agency making the award or loan commitment. Include at least one organizational level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans, and loan commitments.
8. Enter the most appropriate Federal identifying number available for the Federal action identified in item 1 (e.g., Request for Proposal (RFP) number; Invitations for Bid (IFB) number; grant announcement number; the contract, grant, or loan award number; the application/proposal control number assigned by the Federal agency). Included prefixes, e.g., "RFP-DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitment for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, State, and zip code of the lobbying registrant under the Lobbying Disclosure Act of 1995 engaged by the reporting entity identified in item 4 to influence the covered Federal action.  
  
(b) Enter the full names of the individual(s) performing services, and include full address if different from 10(a). Enter Last Name, First Name, and Middle Initial (MI).
11. The certifying official shall sign and date the form, print his/her name, title, and telephone number.

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According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB control Number. The valid OMB control number for this information collection is OMB No. 0348-0046. Public reporting burden for this collection of information is estimated to average 10 minutes per response, including time for reviewing instructions, searching existing data sources, gathering, and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, DC 20503.

END OF DOCUMENT

**REGISTERED SUBCONTRACTORS LIST**  
**(Labor Code Section 1771.1)**

PROJECT: \_\_\_\_\_

Date Submitted (for Updates): \_\_\_\_\_

Contractor acknowledges and agrees that it must clearly set forth below the name and Department of Industrial Relations (DIR) registration number of each subcontractor **for all tiers** who will perform work or labor or render service to Contractor or its subcontractors in or about the construction of the Work **at least two (2) weeks before the subcontractor is scheduled to perform work**. This document is to be updated as all tiers of subcontractors are identified.

Contractor acknowledges and agrees that, if Contractor fails to list as to any subcontractor of any tier who performs any portion of Work, the Contract is subject to cancellation and the Contractor will be subjected to penalty under applicable law.

If further space is required for the list of proposed subcontractors, attach additional copies of page 2 showing the required information, as indicated below.

**Subcontractor Name:** \_\_\_\_\_

DIR Registration #: \_\_\_\_\_

Portion of Work: \_\_\_\_\_

**Subcontractor Name:** \_\_\_\_\_

DIR Registration #: \_\_\_\_\_

Portion of Work: \_\_\_\_\_

**Subcontractor Name:** \_\_\_\_\_

DIR Registration #: \_\_\_\_\_

Portion of Work: \_\_\_\_\_

**Subcontractor Name:** \_\_\_\_\_

DIR Registration #: \_\_\_\_\_

Portion of Work: \_\_\_\_\_

**Subcontractor Name:** \_\_\_\_\_

DIR Registration #: \_\_\_\_\_

Portion of Work: \_\_\_\_\_

**Subcontractor Name:** \_\_\_\_\_

DIR Registration #: \_\_\_\_\_

Portion of Work: \_\_\_\_\_

**Subcontractor Name:** \_\_\_\_\_

DIR Registration #: \_\_\_\_\_

Portion of Work: \_\_\_\_\_

**Subcontractor Name:** \_\_\_\_\_

DIR Registration #: \_\_\_\_\_

Portion of Work: \_\_\_\_\_

**Subcontractor Name:** \_\_\_\_\_

DIR Registration #: \_\_\_\_\_

Portion of Work: \_\_\_\_\_

**Subcontractor Name:** \_\_\_\_\_

DIR Registration #: \_\_\_\_\_

Portion of Work: \_\_\_\_\_

**Subcontractor Name:** \_\_\_\_\_

DIR Registration #: \_\_\_\_\_

Portion of Work: \_\_\_\_\_

**Subcontractor Name:** \_\_\_\_\_

DIR Registration #: \_\_\_\_\_

Portion of Work: \_\_\_\_\_

Date: \_\_\_\_\_

Name of Contractor: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

END OF DOCUMENT

**POST BID INTERVIEW**

**PART I – GENERAL**

**1.01 SUMMARY**

If requested by the District, this Section requires the apparent low bidder to attend and participate in a Post Bid Interview with the Construction Manager, prior to award of any contract by the District. The Post Bid Interview will be scheduled by the Construction Manager within three (3) calendar days after the date of bid.

**1.02 REQUIRED ATTENDANCE**

- A. A duly authorized representative of the apparent low bidder is required to attend the Post Bid Interview, in person.
- B. The apparent low bidder's authorized representative(s) must have (1) knowledge of how the bid submitted was prepared, (2) the person responsible for supervising performance of the Work, and (3) the authority to bind the apparent low bidder.
- C. Failure to attend the Post Bid Interview as scheduled will be considered just cause for the District to reject the Bid as nonresponsive.

**1.03 POST BID INTERVIEW PROCEDURE**

- A. The Construction Manager will review the Bid with the attendees.
- B. The Construction Manager will review the Contract Documents with the attendees, including but not limited to:
  - (1) Insurance
  - (2) Bonding
  - (3) Addenda
  - (4) Pre-Bid Clarifications
  - (5) Scope of Work
  - (6) Bid Packages Descriptions
  - (7) Bid Alternates
  - (8) Contract Plans
  - (9) Contract Specifications

- (10) Project Schedule and Schedule Requirements
- (11) Critical Dates Requirement for Other Bid Packages
- (12) Prevailing Wage Requirements
- (13) Liquidated Damages
- (14) Required Documentation for Contract Administration
- (15) Contract Coordination Requirements

#### **1.04 POST BID INTERVIEW DOCUMENTATION**

The Construction Manager will document the Post Bid Interview on the form attached to this Section. Both the apparent low bidder and the Construction Manager are required to sign the Post Bid Interview Documentation.

*[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]*

**POST BID INTERVIEW**

**CONSTRUCTION MANAGER**

[Name]  
[Address 1]  
[Address 2]  
[Phone] [Fax]

BIDDER: \_\_\_\_\_

DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ PHONE: \_\_\_\_\_

1. INTRODUCTIONS:

Present

A.

\_\_\_\_\_  
CONTRACTOR

\_\_\_\_\_  
CONTRACTOR

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
[CM]

\_\_\_\_\_  
[CM]

2. PROPOSED CONTRACT:

3. PURPOSE OF INTERVIEW IS TO ASSURE A MUTUAL UNDERSTANDING OF THE FOLLOWING:

- A. Do you acknowledge submission of a complete and accurate bid? Yes No
- B. Do you acknowledge the Bid Document submittal timelines after NOA and NTP and can you meet those timelines? Yes No
- C. Are you comfortable with your listed subcontractors? Yes No

4. CONTRACTUAL REQUIREMENTS:

- A. Do you understand you are a prime contractor? Yes No
- B. Can you meet specified insurance requirements? Yes No
  - (1) Do any of your policies that require Additional Insured endorsements exceed the minimum coverage requirements? Yes No
  - (2) Are you requesting that the District accept an Excess Liability Insurance Policy to meet the policy limit? Yes No
  - (3) Will there be a gap between the per occurrence amount of any underlying policy and the start of the coverage under the Umbrella or Excess Liability Insurance Policy? Yes No

- |     |   |     |    |
|-----|---|-----|----|
| C.  | Will you provide the Performance Bond and Labor and Material Bond for 100% of the Contract Price as stipulated?                                     | Yes | No |
| (1) | Cost for bonds: _____%  | Yes | No |
| (2) | Is the cost of your bonds in your base bid?   | Yes | No |
| (3) | Is your surety licensed to issue bonds in California?   | Yes | No |
| D.  | Do you understand the fingerprinting requirements?  | Yes | No |
| E.  | Is it understood that all workers must be paid prevailing wage?   | Yes | No |
| F.  | Is it understood that all subcontractors of every tier must be registered as a public works contractor with the Department of Industrial Relations? | Yes | No |
5. SCOPE OF WORK:
- |    |  |     |    |
|----|--|-----|----|
| A. | Acknowledged Receipt of Addenda #1-___   | Yes | No |
| B. | Are the costs for addenda items included in your bid? (if applicable)  | Yes | No |
| C. | Do you have a complete understanding of your Scope of Work under the proposed Agreement?                                 | Yes | No |
| D. | You have re-reviewed the documents and understand the Scope of the Work. Are there any items that require clarification? | Yes | No |
- If yes, please identify them.
- (1) \_\_\_\_\_
- (2) \_\_\_\_\_
- (3) \_\_\_\_\_
- |    |  |     |    |
|----|--|-----|----|
|    | Is (are) there additional cost(s) for the above item(s)?     | Yes | No |
| E. | Is the cost for allowance included in your bid?              | Yes | No |
| F. | Have you reviewed bid alternative(s) #1-___? (if applicable) | Yes | No |
| G. | Are the costs for bid alternatives included in your bid?     | Yes | No |

- H. Are the plans and specifications clear and understandable to your satisfaction? Yes No
- I. Do you acknowledge that the time to submit notice of requests for substitution of specified materials has expired? Yes No

6. SCHEDULE:

- A. Do you acknowledge and agree to the stipulated completion dates and milestones in the contract? Yes No
  - (1) Will you provide a detailed construction schedule to \_\_\_\_\_ within the required ten (10) days of the Notice to Proceed, per the contract? Yes No
  - (2) Can you meet the submittal deadline? Yes No
  - (3) It is understood that the Project schedule is critical and that that weekend and overtime work may be required to meet the milestones. Yes No
  - (4) It is understood that if rain does occur, then all dewatering and protection of work is required, per the contract. Yes No

If not, what do you believe must change and why? \_\_\_\_\_

\_\_\_\_\_

- B. Identify critical materials, deliveries, long lead items and other dependencies, including Owner Furnished items that could affect the completion of your work. Yes No

- (1) \_\_\_\_\_
- (2) \_\_\_\_\_
- (3) \_\_\_\_\_
- (4) \_\_\_\_\_
- (5) \_\_\_\_\_

- C. Do you understand that there is going to be maintenance and other construction taking place on site during the course of the project? Yes No

7. EXECUTION OF WORK

- A. Do you understand the access to the site? Yes No
- B. Do you understand the staging area restrictions? Yes No



C. Have you included protection of [asphalt, floors, and roofs]? Yes No

D. Do you understand that the site is occupied by students, teachers, administrators, parents, etc.? Yes No

8. CONTRACTOR COMMENTS/SUGGESTIONS:

- (1) \_\_\_\_\_
- (2) \_\_\_\_\_
- (3) \_\_\_\_\_
- (4) \_\_\_\_\_
- (5) \_\_\_\_\_

9. CONTRACTOR

**You agree the information contained herein is part of your contractual obligations. Your signature acknowledges your agreement to perform all Work in the Contract Documents, and that costs for all Work are included in your bid.**

The foregoing information is true and accurate, and I am authorized to sign as an officer of the company I am representing.

[Company Name]

\_\_\_\_\_  
Signature \_\_\_\_\_ Title: \_\_\_\_\_

Date: \_\_\_\_\_

10. CONSTRUCTION MANAGER

Signature \_\_\_\_\_ Title: \_\_\_\_\_

Date: \_\_\_\_\_

Title of Document: POST BID INTERVIEW

Number of Pages: \_\_\_\_\_

Date of Document: \_\_\_\_\_

END OF DOCUMENT

**AGREEMENT**

THIS AGREEMENT IS MADE AND ENTERED INTO THIS \_\_\_\_\_ DAY OF \_\_\_\_\_  
\_\_\_\_\_, 20\_\_\_\_, by and between the Bakersfield City School District ("District") and \_\_\_\_\_  
\_\_\_\_\_ ("Contractor") ("Agreement").

**WITNESSETH:** That the parties hereto have mutually covenanted and agreed, and by these presents do covenant and agree with each other, as follows:

1. **The Work:** Contractor agrees to furnish all tools, equipment, apparatus, facilities, labor, and material necessary to perform and complete in a good and workmanlike manner, the work of the following project:

**Horace Mann Elementary School – Campus HVAC System Upgrades**  
("Project" or "Contract" or "Work")

It is understood and agreed that the Work shall be performed and completed as required in the Contract Documents including, without limitation, the Drawings and Specifications and submission of all documents required to secure funding or by the Division of the State Architect for close-out of the Project, under the direction and supervision of, and subject to the approval of, the District or its authorized representative.

2. **The Contract Documents:** The complete Contract consists of all Contract Documents as defined in the General Conditions and incorporated herein by this reference. Any and all obligations of the District and Contractor are fully set forth and described in the Contract Documents. All Contract Documents are intended to cooperate so that any Work called for in one and not mentioned in the other or vice versa is to be executed the same as if mentioned in all Contract Documents.
3. **Interpretation of Contract Documents:** Should any question arise concerning the intent or meaning of Contract Documents, including the Drawings or Specifications, the question shall be submitted to the District for interpretation. If a conflict exists in the Contract Documents, valid, written modifications, beginning with the most recent, shall control over this Agreement (if any), which shall control over the Special Conditions, which shall control over any Supplemental Conditions, which shall control over the General Conditions, which shall control over the remaining Division 0 documents, which shall control over Division 1 Documents which shall control over Division 2 through Division 49 documents, which shall control over figured dimensions, which shall control over large-scale drawings, which shall control over small-scale drawings. In the case of a discrepancy or ambiguity solely between and among the Drawings and Specifications, the discrepancy or ambiguity shall be resolved in favor of the interpretation that will provide District with the functionally complete and operable Project described in the Drawings and Specifications. In no case shall a document calling for lower quality and/or quantity material or workmanship control. The decision of the District in the matter shall be final.
4. **Time for Completion:** It is hereby understood and agreed that all of the Phased Work under this Contract shall be completed within Seven-Hundred (700) consecutive calendar days ("Contract Time") from the date specified in the District's Notice to Proceed.

Consecutive Calendar Days ("Contract Time") from the date specified in the District's Notice to Proceed.

**Contractual Construction Start Date:** 6/10/2024

**Total Construction Duration:** 700 Calendar Days

**Contractual Construction Completion Date:** 5/11/2026

**Phasing Milestone Schedule Below:**

**A. Phase 1 (Buildings B & C, Site Work, and Campus-Wide Fire Alarm Upgrades)**

(1) Construction Start Date	6/10/2024
(2) Construction Duration	140 Calendar Days
(3) Construction Completion Date	10/28/2024

**B. Phase 2 (Buildings D & E)**

(1) Construction Start Date	10/28/2024
(2) Construction Duration	140 Calendar Days
(3) Construction Completion Date	3/17/2025

**C. Phase 3 (Building M-2: Classrooms #M09-14)**

(1) Construction Start Date	3/17/2025
(2) Construction Duration	140 Calendar Days
(3) Construction Completion Date	8/4/2025

**D. Phase 4 (Building M-3: Classrooms #M01-05, Corridors, Offices, RR)**

(1) Construction Start Date	8/4/2025
(2) Construction Duration	140 Calendar Days
(3) Construction Completion Date	12/22/2025

**E. Phase 5 (Buildings M-3: Classrooms #M06-08, Corridors, Offices, RR, and Chiller Yard)**

(1) Construction Start Date	12/22/2025
(2) Construction Duration	140 Calendar Days
(3) Construction Completion Date	5/11/2026

5. **Completion - Extension of Time:** Should the Contractor fail to complete this Contract, and the Work provided herein, within the time fixed for completion, due

allowance being made for the contingencies provided for herein, the Contractor shall become liable to the District for all loss and damage that the District may suffer on account thereof. The Contractor shall coordinate its Work with the Work of all other contractors. The District shall not be liable for delays resulting from Contractor's failure to coordinate its Work with other contractors in a manner that will allow timely completion of Contractor's Work. Contractor shall be liable for delays to other contractors caused by Contractor's failure to coordinate its Work with the Work of other contractors.

6. **Liquidated Damages:** Time is of the essence for all work under this Agreement. It is hereby understood and agreed that it is and will be difficult and/or impossible to ascertain and determine the actual damage that the District will sustain in the event of and by reason of Contractor's delay; therefore, Contractor agrees that it shall pay to the District the sum of **One Thousand Dollars (\$1,000.00) per Calendar day** as liquidated damages for each and every day's delay beyond the time herein prescribed in completion of the Work.

It is hereby understood and agreed that this amount is not a penalty.

In the event that any portion of the liquidated damages is not paid to the District, the District may deduct that amount from any money due or that may become due the Contractor under this Agreement, and such deduction does not constitute a withholding or penalty. The District's right to assess liquidated damages is as indicated herein and in the General Conditions.

The time during which the Contract is delayed for cause, as hereinafter specified, may extend the time of completion for a reasonable time as the District may grant, provided that Contractor has complied with the claims procedure of the Contract Documents. This provision does not exclude the recovery of damages by either party under other provisions in the Contract Documents.

7. **Loss Or Damage:** The District and its agents and authorized representatives shall not in any way or manner be answerable or suffer loss, damage, expense, or liability for any loss or damage that may happen to the Work, or any part thereof, or in or about the same during its construction and before acceptance, and the Contractor shall assume all liabilities of every kind or nature arising from the Work, either by accident, negligence, theft, vandalism, or any cause whatsoever; and shall hold the District and its agents and authorized representatives harmless from all liability of every kind and nature arising from accident, negligence, or any cause whatsoever.
8. **Limitation Of District Liability:** District's financial obligations under this Contract shall be limited to the payment of the compensation provided in this Contract. Notwithstanding any other provision of this Contract, in no event shall District be liable, regardless of whether any claim is based on contract or tort, for any special, consequential, indirect or incidental damages, including, but not limited to, lost profits or revenue, lost bonding capacity, arising out of or in connection with this Contract for the services performed in connection with this Contract.
9. **Insurance and Bonds:** Prior to issuance of the Notice to Proceed by the District, Contractor shall provide all required certificates of insurance, insurance endorsements, and payment and performance bonds as evidence thereof.
10. **Prosecution of Work:** If the Contractor should neglect to prosecute the Work properly or fail to perform any provisions of this Contract, the District, may, pursuant

to the General Conditions and without prejudice to any other remedy it may have, make good such deficiencies and may deduct the cost thereof from the payment then or thereafter due the Contractor.

11. **Authority of Architect, Project Inspector, and DSA:** Contractor hereby acknowledges that the Architect(s), the Project Inspector(s), and the Division of the State Architect ("DSA") have authority to approve and/or suspend Work if the Contractor's Work does not comply with the requirements of the Contract Documents, Title 24 of the California Code of Regulations, and all applicable laws and regulations. The Contractor shall be liable for any delay caused by its non-compliant Work.
12. **Assignment of Contract:** Neither the Contract, nor any part thereof, nor any moneys due or to become due thereunder, may be assigned by the Contractor without the prior written approval of the District, nor without the written consent of the Surety on the Contractor's Performance Bond (the "Surety"), unless the Surety has waived in writing its right to notice of assignment.
13. **Classification of Contractor's License:** Contractor hereby acknowledges that it currently holds valid Contractor's license(s) issued by the State of California, Contractors' State License Board, in accordance with division 3, chapter 9, of the Business and Professions Code and in the classification called for in the Contract Documents. Reference CSLB License Classifications below **per Bid Package**.
  - #HMES-01 – Demolition & Abatement; (B) or (C-21/22)
  - #HMES-02 – General Trade; (B)
  - #HMES-03 – Mechanical; (C-20)
  - #HMES-04 – Electrical & Low Voltage; (C-10)
  - #HMES-05 – Plumbing & Site Utilities; (C-36)
  - #HMES-06 – Carpet; (C-15)
  - #HMES-07 – Ceramic Tile; (C-54)
  - #HMES-08 – Acoustical Ceilings & Tackboards (C-2)
  - #HMES-09 – Plaster & Drywall (C-9 and C-35)
  - #HMES-10 – Painting (C-33)
  - #HMES-11 – Carpentry & Insulation (C-2 and C-5)
14. **Registration as Public Works Contractor:** The Contractor and all Subcontractors currently are registered as public works contractors with the Department of Industrial Relations, State of California, in accordance with Labor Code section 1771.1.
15. **Payment of Prevailing Wages:** The Contractor and all Subcontractors shall pay all workers on all Work performed pursuant to this Contract not less than the general prevailing rate of per diem wages and the general prevailing rate for holiday and overtime work as determined by the Director of the Department of Industrial Relations, State of California, for the type of work performed and the locality in which the work is to be performed within the boundaries of the District, pursuant to sections 1770 et seq. of the California Labor Code. The Contractor and all Subcontractors shall comply with the **Davis Bacon Act**, applicable reporting requirements, and any other applicable requirements for federal funding. If a conflict exists, the more stringent provision shall control over this Agreement.
16. **Labor Compliance Monitoring and Enforcement:** This Project is subject to labor compliance monitoring and enforcement by the Department of Industrial Relations pursuant to Labor Code section 1771.4 and Title 8 of the California Code of Regulations. Contractor specifically acknowledges and understands that it shall

perform the Work of this Agreement while complying with all the applicable provisions of Division 2, Part 7, Chapter 1, of the Labor Code, including, without limitation, the requirement that the Contractor and all of its Subcontractors shall timely submit complete and accurate electronic certified payroll records as required by the Contract Documents, or the District may not issue payment.

17. **Contract Price:** In consideration of the foregoing covenants, promises, and agreements on the part of the Contractor, and the strict and literal fulfillment of each and every covenant, promise, and agreement, and as compensation agreed upon for the Work and construction, erection, and completion as aforesaid, the District covenants, promises, and agrees that it will well and truly pay and cause to be paid to the Contractor in full, and as the full Contract Price and compensation for construction, erection, and completion of the Work hereinabove agreed to be performed by the Contractor, the following price:

\_\_\_\_\_ **Dollars**  
(\$ \_\_\_\_\_),

in lawful money of the United States, which sum is to be paid according to the schedule provided by the Contractor and accepted by the District and subject to additions and deductions as provided in the Contract. This amount supersedes any previously stated and/or agreed to amount(s).

18. **No Representations:** No representations have been made other than as set forth in writing in the Contract Documents, including this Agreement. Each of the Parties to this Agreement warrants that it has carefully read and understood the terms and conditions of this Agreement and all Contract Documents, and that it has not relied upon the representations or advice of any other Party or any attorney not its own.
19. **Entire Agreement:** The Contract Documents, including this Agreement, set forth the entire agreement between the parties hereto and fully supersede any and all prior agreements, understandings, written or oral, between the parties hereto pertaining to the subject matter thereof.
20. **Severability:** If any term, covenant, condition, or provision in any of the Contract Documents is held by a court of competent jurisdiction to be invalid, void or unenforceable, the remainder of the provisions in the Contract Documents shall remain in full force and effect and shall in no way be affected, impaired, or invalidated thereby.
21. **Authority of Signatories:** Each party has the full power and authority to enter into and perform this Contract, and the person signing this Contract on behalf of each party has been properly authorized and empowered to enter into this Contract. This Contract may be executed in one or more counterparts, each of which shall be deemed an original. For this Agreement, and for all Contract Documents requiring a signature, a facsimile or electronic signature shall be deemed to be the equivalent of the actual original signature. All counterparts so executed shall constitute one Contract binding all the Parties hereto.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

IN WITNESS WHEREOF, accepted and agreed on the date indicated above:

**[CONTRACTOR NAME]**

**BAKERSFIELD CITY SCHOOL DISTRICT**

\_\_\_\_\_

\_\_\_\_\_

By: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

NOTE: If the party executing this Contract is a corporation, a certified copy of the by-laws, or of the resolution of the Board of Directors, authorizing the officers of said corporation to execute the Contract and the bonds required thereby must be attached hereto.

END OF DOCUMENT

**NOTICE TO PROCEED**

Dated: \_\_\_\_\_, 20\_\_

TO: \_\_\_\_\_  
("Contractor")

ADDRESS: \_\_\_\_\_

PROJECT: \_\_\_\_\_

PROJECT/CONTRACT NO.: \_\_\_\_\_ between the Bakersfield City School District and Contractor ("Contract").

You are notified that the Contract Time under the above Contract will commence to run on \_\_\_\_\_, 20\_\_. By that date, you are to start performing your obligations under the Contract Documents. In accordance with the Agreement executed by Contractor, the date of completion is \_\_\_\_\_, **20**\_\_.

You must submit the following documents by 5:00 p.m. of the TENTH (10th) calendar day following the date of this Notice to Proceed:

- Contractor’s preliminary schedule of construction.
- Contractor’s preliminary schedule of values for all of the Work.
- Contractor’s preliminary schedule of submittals, including Shop Drawings, Product Data, and Samples submittals.
- Contractor’s Safety Plan specifically adapted for the Project.
- Registered Subcontractors List: A complete subcontractors list for all tiers, including the name, Department of Industrial Relations registration number, and portion of work.

Thank you. We look forward to a very successful Project.

**BAKERSFIELD CITY SCHOOL DISTRICT**

BY: \_\_\_\_\_

NAME: \_\_\_\_\_

TITLE: \_\_\_\_\_

END OF DOCUMENT



**ESCROW AGREEMENT IN LIEU OF RETENTION**  
**(Public Contract Code Section 22300)**

**(Note: Contractor must use this form.)**

This Escrow Agreement in Lieu of Retention ("Escrow Agreement") is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by and between the Bakersfield City School District ("District"), whose address is 1501 Feliz Drive, Bakersfield, California 93307, and \_\_\_\_\_ ("Contractor"), whose address is \_\_\_\_\_, and \_\_\_\_\_ ("Escrow Agent"), a state or federally chartered bank in the state of California, whose address is \_\_\_\_\_.

For the consideration hereinafter set forth, District, Contractor, and Escrow Agent agree as follows:

1. Pursuant to section 22300 of Public Contract Code of the State of California, which is hereby incorporated by reference, Contractor has the following two (2) options:
  - Deposit securities with Escrow Agent as a substitute for retention earnings required to be withheld by District pursuant to the Construction Contract No. \_\_\_\_\_ entered into between District and Contractor for the \_\_\_\_\_ Project, in the amount of \_\_\_\_\_ Dollars (\$ \_\_\_\_\_) dated, \_\_\_\_\_, 20\_\_\_\_, (the "Contract"); **or**
  - On written request of Contractor, District shall make payments of the retention earnings for the above referenced Contract directly to Escrow Agent.

When Contractor deposits the securities as a substitute for Contract earnings (first option), Escrow Agent shall notify District within ten (10) calendar days of the deposit. The market value of the securities at the time of substitution and at all times from substitution until the termination of the Escrow Agreement shall be at least equal to the cash amount then required to be withheld as retention under the terms of the Contract between District and Contractor.

Securities shall be held in the name of Bakersfield City School District School District, and shall designate Contractor as beneficial owner.

2. District shall make progress payments to Contractor for those funds which otherwise would be withheld from progress payments pursuant to Contract provisions, provided that Escrow Agent holds securities in form and amount specified above.
3. When District makes payment of retentions earned directly to Escrow Agent, Escrow Agent shall hold them for the benefit of Contractor until the time that the escrow created under this Escrow Agreement is terminated. Contractor may direct the investment of the payments into securities. All terms and conditions of this Escrow Agreement and the rights and responsibilities of the Parties shall be equally applicable and binding when District pays Escrow Agent directly.

4. Contractor shall be responsible for paying all fees for the expenses incurred by Escrow Agent in administering the Escrow Account, and all expenses of District. These expenses and payment terms shall be determined by District, Contractor, and Escrow Agent.
5. Interest earned on securities or money market accounts held in escrow and all interest earned on that interest shall be for sole account of Contractor and shall be subject to withdrawal by Contractor at any time and from time to time without notice to District.
6. Contractor shall have the right to withdraw all or any part of the principal in the Escrow Account only by written notice to Escrow Agent accompanied by written authorization from District to Escrow Agent that District consents to withdrawal of amount sought to be withdrawn by Contractor.
7. District shall have the right to draw upon the securities and/or withdraw amounts from the Escrow Account in the event of default by Contractor. Upon seven (7) days' written notice to Escrow Agent from District of the default, if applicable, Escrow Agent shall immediately convert the securities to cash and shall distribute the cash as instructed by District. Escrow Agent shall not be authorized to determine the validity of any notice of default given by District pursuant to this paragraph, and shall promptly comply with District's instructions to pay over said escrowed assets. Escrow Agent further agrees to not interplead the escrowed assets in response to a conflicting demand.
8. Upon receipt of written notification from District certifying that the Contract is final and complete, and that Contractor has complied with all requirements and procedures applicable to the Contract, Escrow Agent shall release to Contractor all securities and interest on deposit less escrow fees and charges of the Escrow Account. The escrow shall be closed immediately upon disbursement of all monies and securities on deposit and payments of fees and charges.
9. Escrow Agent shall rely on written notifications from District and Contractor pursuant to Paragraphs 5 through 8, inclusive, of this Escrow Agreement and District and Contractor shall hold Escrow Agent harmless from Escrow Agent's release and disbursement of securities and interest as set forth above.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

10. Names of persons who are authorized to give written notice or to receive written notice on behalf of District and on behalf of Contractor in connection with the foregoing, and exemplars of their respective signatures are as follows:

On behalf of District:

\_\_\_\_\_  
Title

\_\_\_\_\_  
Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Address

On behalf of Contractor:

\_\_\_\_\_  
Title

\_\_\_\_\_  
Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Address

On behalf of Escrow Agent:

\_\_\_\_\_  
Title

\_\_\_\_\_  
Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Address

At the time that the Escrow Account is opened, District and Contractor shall deliver to Escrow Agent a fully executed copy of this Agreement.

IN WITNESS WHEREOF, the parties have executed this Agreement by their proper officers on the date first set forth above.

On behalf of District:

\_\_\_\_\_  
Title

\_\_\_\_\_  
Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Address

On behalf of Contractor:

\_\_\_\_\_  
Title

\_\_\_\_\_  
Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Address

END OF DOCUMENT

**PERFORMANCE BOND**  
**(100% of Contract Price)**

**(Note: Contractor must use this form, NOT a surety company form.)**

KNOW ALL PERSONS BY THESE PRESENTS:

WHEREAS, the governing board ("Board") of the Bakersfield City School District, ("District") and \_\_\_\_\_ ("Principal") have entered into a contract for the furnishing of all materials and labor, services, and transportation, necessary, convenient, and proper to perform the following project:

**Horace Mann Elementary School – Campus HVAC System Upgrades**

("Project" or "Contract") which Contract dated \_\_\_\_\_, 20\_\_\_\_, and all of the Contract Documents attached to or forming a part of the Contract, are hereby referred to and made a part hereof; and

WHEREAS, said Principal is required under the terms of the Contract to furnish a bond for the faithful performance of the Contract.

NOW, THEREFORE, the Principal and \_\_\_\_\_ ("Surety") are held and firmly bound unto the Board of the District in the penal sum of

\_\_\_\_\_ Dollars (\$\_\_\_\_\_), lawful money of the United States, for the payment of which sum well and truly to be made we bind ourselves, our heirs, executors, administrators, successors, and assigns jointly and severally, firmly by these presents, to:

- Promptly perform all the work required to complete the Project; and
- Pay to the District all damages the District incurs as a result of the Principal's failure to perform all the Work required to complete the Project.

Or, at the District's sole discretion and election, the Surety shall obtain a bid or bids for completing the Contract in accordance with its terms and conditions, and upon determination by the District of the lowest responsible bidder, arrange for a contract between such bidder and the District and make available as Work progresses sufficient funds to pay the cost of completion less the "balance of the Contract Price," and to pay and perform all obligations of Principals under the Contract, including, without limitation, all obligations with respect to warranties, guarantees and the payment of liquidated damages. The term "balance of the Contract Price," as used in this paragraph, shall mean the total amount payable to Principal by the District under the Contract and any modifications thereto, less the amount previously paid by the District to the Principal, less any withholdings by the District allowed under the Contract. District shall not be required or obligated to accept a tender of a completion contractor from the Surety for any or no reason.

The condition of the obligation is such that, if the above bound Principal, its heirs, executors, administrators, successors, or assigns, shall in all things stand to and abide by, and well and truly keep and perform the covenants, conditions, and agreements in the Contract and any alteration thereof made as therein provided, on its part to be kept and performed at the time and in the intent

and meaning, including all contractual guarantees and warranties of materials and workmanship, and shall indemnify and save harmless the District, its trustees, officers and agents, as therein stipulated, then this obligation shall become null and void, otherwise it shall be and remain in full force and virtue.

Surety expressly agrees that the District may reject any contractor or subcontractor proposed by Surety to fulfill its obligations in the event of default by the Principal. Surety shall not utilize Principal in completing the Work nor shall Surety accept a Bid from Principal for completion of the Work if the District declares the Principal to be in default and notifies Surety of the District's objection to Principal's further participation in the completion of the Work.

As a condition precedent to the satisfactory completion of the Contract, the above obligation shall hold good for a period equal to the warranty and/or guarantee period of the Contract, during which time Surety's obligation shall continue if Contractor shall fail to make full, complete, and satisfactory repair and replacements and totally protect the District from loss or damage resulting from or caused by defective materials or faulty workmanship. The obligations of Surety hereunder shall continue so long as any obligation of Contractor remains. Nothing herein shall limit the District's rights or the Contractor or Surety's obligations under the Contract, law, or equity, including, but not limited to, California Code of Civil Procedure section 337.15.

The Surety, for value received, hereby stipulates, and agrees that no change, extension of time, alteration, or addition to the terms of the contract or to the work to be performed thereunder or the specifications accompanying the same shall in any way affect its obligation on this bond. The Surety also stipulates and agrees that it shall not be exonerated or released from the obligation of this bond by any overpayment or underpayment by the District that is based upon estimates approved by the Architect. The Surety does hereby waive notice of any such change, extension of time, alteration, or addition to the terms of the Contract or to the work or to the specifications.

IN WITNESS WHEREOF, two (2) identical counterparts of this instrument, each of which shall for all purposes be deemed an original thereof, have been duly executed by the Principal and Surety above named, on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

_____ Principal	_____ Surety
_____ By	_____ By
	_____ Name of California Agent of Surety
	_____ Address of California Agent of Surety
	_____ Telephone No. of California Agent of Surety

**Contractor must attach a Notarial Acknowledgment for all Surety's signatures and a Power of Attorney and Certificate of Authority for Surety. The California Department of Insurance must authorize the Surety to be an admitted surety insurer.**

END OF DOCUMENT

**PAYMENT BOND**  
**Contractor's Labor & Material Bond**  
**(100% Of Contract Price)**

**(Note: Contractor must use this form, NOT a surety company form.)**

KNOW ALL PERSONS BY THESE PRESENTS:

WHEREAS, the governing board ("Board") of the Bakersfield City School District, ("District") and \_\_\_\_\_, ("Principal") have entered into a contract for the furnishing of all materials and labor, services, and transportation, necessary, convenient, and proper to perform the following project:

**Horace Mann Elementary School – Campus HVAC System Upgrades**

("Project" or "Contract") which Contract dated \_\_\_\_\_, 20\_\_\_\_, and all of the Contract Documents attached to or forming a part of the Contract, are hereby referred to and made a part hereof; and

WHEREAS, pursuant to law and the Contract, the Principal is required, before entering upon the performance of the work, to file a good and sufficient bond with the body by which the Contract is awarded in an amount equal to one hundred percent (100%) of the Contract price, to secure the claims to which reference is made in sections 9000 through 9510 and 9550 through 9566 of the Civil Code, and division 2, part 7, of the Labor Code.

NOW, THEREFORE, the Principal and \_\_\_\_\_ ("Surety") are held and firmly bound unto all laborers, material men, and other persons referred to in said statutes in the sum of \_\_\_\_\_ Dollars (\$\_\_\_\_\_), lawful money of the United States, being a sum not less than the total amount payable by the terms of Contract, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, or assigns, jointly and severally, by these presents.

The condition of this obligation is that if the Principal or any of its subcontractors, or their heirs, executors, administrators, successors, or assigns of any, all, or either of them shall fail to pay for any labor, materials, provisions, or other supplies, used in, upon, for or about the performance of the work contracted to be done, or for any work or labor thereon of any kind, or for amounts required to be deducted, withheld, and paid over to the Employment Development Department from the wages of employees of the Principal or any of his or its subcontractors of any tier under Section 13020 of the Unemployment Insurance Code with respect to such work or labor, that the Surety will pay the same in an amount not exceeding the amount herein above set forth, and also in case suit is brought upon this bond, will pay a reasonable attorney's fee to be awarded and fixed by the court, and to be taxed as costs and to be included in the judgment therein rendered.

It is hereby expressly stipulated and agreed that this bond shall inure to the benefit of any and all persons, companies, and corporations entitled to file claims under section 9100 of the Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this bond.

Should the condition of this bond be fully performed, then this obligation shall become null and void; otherwise, it shall be and remain in full force and affect.

And the Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of Contract or the specifications accompanying the same shall in any manner affect its obligations on this bond, and it does hereby waive notice of any such change, extension, alteration, or addition.

IN WITNESS WHEREOF, two (2) identical counterparts of this instrument, each of which shall for all purposes be deemed an original thereof, have been duly executed by the Principal and Surety above named, on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

_____	_____
Principal	Surety
_____	_____
By	By
	_____
	Name of California Agent of Surety
	_____
	Address of California Agent of Surety
	_____
	Telephone No. of California Agent of Surety

**Contractor must attach a Notarial Acknowledgment for all Surety's signatures and a Power of Attorney and Certificate of Authority for Surety. The California Department of Insurance must authorize the Surety to be an admitted surety insurer.**

END OF DOCUMENT

**ALLOWANCE EXPENDITURE DIRECTIVE FORM**

Bakersfield City School District  
 1501 Feliz Drive  
 Bakersfield, CA 93307

<b>ALLOWANCE EXPENDITURE DIRECTIVE NO.:</b>

**ALLOWANCE EXPENDITURE DIRECTIVE**

**Project:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Bid No.:** \_\_\_\_\_

**DSA File No.:** \_\_\_\_\_

**DSA Appl. No.:** \_\_\_\_\_

The following parties agree to the terms of this Allowance Expenditure Directive ("AED"):

**Owner Name, Address, Telephone:**

**Contractor Name, Address, Telephone:**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Reference	Description	Allowance Authorized for Expenditure
Request for AED # Requested by: Performed by: Reason:	[Description of Allowance item relating to Work] [Requester] [Performer] [Reason]	\$
Request for AED # Requested by: Performed by: Reason:	[Description of Allowance item relating to Work] [Requester] [Performer] [Reason]	\$
Request for AED # Requested by: Performed by: Reason:	[Description of Allowance item relating to Work] [Requester] [Performer] [Reason]	\$

Total Contract Allowance Amount:	\$
Amount of Previously Approved Allowance Expenditure Directive(s):	\$
Amount of this Allowance Expenditure Directive:	\$

The undersigned Contractor approves the foregoing release of Allowance for completion of each specified item, and agrees to furnish all labor, materials and services and perform all

**BAKERSFIELD CITY SCHOOL DISTRICT**

**ALLOWANCE EXPENDITURE DIRECTIVE**

**Horace Mann Elementary School**

**FORM**

**DOCUMENT 00 63 40-1**



work necessary to complete any additional work specified for the consideration stated therein ("Work"). Submission of sums which have no basis in fact or which Contractor knows are false are at the sole risk of Contractor and may be a violation of the False Claims Act set forth under Government Code section 12650, et seq.

This Allowance Expenditure Directive must be signed by an authorized District representative.

It is expressly understood that the authorized allowance expenditure granted herein represents a full accord and satisfaction for any and all cost impacts of the items herein, and Contractor waives any and all further compensation based on the items herein. The value of the extra work or changes expressly includes any and all of the Contractor's costs and expenses, and its subcontractors, both direct and indirect. Any costs, expenses, or damages not included are deemed waived.

**Signatures:**

<p><b>DISTRICT:</b></p> <p>BAKERSFIELD CITY SCHOOL DISTRICT</p> <p>Date: _____</p> <p>By: _____ [Print Name and Title here]</p>	<p><b>CONTRACTOR:</b></p> <p>_____</p> <p>Date: _____</p> <p>By: _____ [Print Name and Title here]</p>
<p><b>ARCHITECT:</b></p> <p>_____</p> <p>Date: _____</p> <p>By: _____ [Print Name and Title here]</p>	<p><b>PROJECT INSPECTOR:</b></p> <p>_____</p> <p>Date: _____</p> <p>By: _____ [Print Name and Title here]</p>

END OF DOCUMENT

**DAILY FORCE ACCOUNT REPORT**

**From: Contractor**  
[Name/Address]

**To: Owner**  
[Name/Address]

**Project:** \_\_\_\_\_

Contractor hereby submits this Daily Force Account Report for Work performed, pursuant to Force Account Directive No. \_\_\_\_\_, on \_\_\_\_\_.  
[Date of Work]

Contractor attests that the material, labor, and equipment itemized herein were used only on the force account work.

**A. Material:** *Attach all applicable invoices not provided in prior Daily Force Account Reports and complete the information below.*

Description	Unit Price	Quantity	Cost

Daily subtotal (w/out markup): \$ \_\_\_\_\_

**B. Labor:** *Labor must be fully Burdened. Attach timesheets, if applicable, and complete the information below.*

Name	Craft	Regular Hrs.	Rate	OT Hrs.	Rate

Daily subtotal (w/out markup): \$ \_\_\_\_\_

C. **Equipment:** Attach all applicable invoices not provided in prior Daily Force Account Reports and complete the information below.

Type / Model	Hrs. Operated	Rate

Daily subtotal (w/out markup): \$ \_\_\_\_\_

Complete based on information reported above.

	<b><u>WORK PERFORMED OTHER THAN BY CONTRACTOR</u></b>	<b><u>ADD</u></b>
(a)	<b><u>Material</u></b>	
(b)	<b><u>Add Labor</u></b>	
(c)	<b><u>Add Equipment</u></b>	
(d)	<b><u>Subtotal</u></b>	
(e)	<b><u>Add overhead and profit for any and all tiers of Subcontractor</u></b> , the total not to exceed ten percent (10%) of Item (d)	
(f)	<b><u>Subtotal</u></b>	
(g)	<b><u>Add Overhead and Profit for Contractor</u></b> , not to exceed five percent (5%) of Item (f)	
(h)	<b><u>Subtotal</u></b>	
(i)	<b><u>Add Bond and Insurance</u></b> , not to exceed two percent (2%) of Item (h)	
(j)	<b><u>TOTAL</u></b>	

	<b><u>WORK PERFORMED BY CONTRACTOR</u></b>	<b><u>ADD</u></b>
(a)	<b><u>Material</u></b>	
(b)	<b><u>Add Labor</u></b>	
(c)	<b><u>Add Equipment</u></b>	
(d)	<b><u>Subtotal</u></b>	
(e)	<b><u>Add Overhead and Profit for Contractor</u></b> , not to exceed fifteen percent (15%) of Item (d)	
(f)	<b><u>Subtotal</u></b>	
(g)	<b><u>Add Bond and Insurance</u></b> , not to exceed two percent (2%) of Item (f)	
(h)	<b><u>TOTAL</u></b>	

Submission of sums which have no basis in fact or which Contractor knows are false are at the sole risk of Contractor and may be a violation of the False Claims Act (Gov. Code, § 12650 et seq.).

It is expressly understood that all force account work for the date stated above must be reported herein, and Contractor may not claim any labor, equipment, material or any other costs or expenses not reported herein. Contractor is not entitled to separately recover amounts for overhead or other indirect costs. Any costs, expenses, or damages, not included are deemed waived.

**SUBMITTED BY:**

**REVIEWED BY:**

Contractor:

District:

\_\_\_\_\_  
[Name]

\_\_\_\_\_  
Date

\_\_\_\_\_  
[Name]

\_\_\_\_\_  
Date

District may require additional information from Contractor to review this Daily Force Account Report. Upon District's return of the Daily Force Account Report, Contractor may invoice the Work reflected therein. District's review and return of the Daily Force Account Report and/or payment for the force account work does not constitute acceptance of the Work or waiver of any Contract rights or criteria.

END OF DOCUMENT

**PROPOSED CHANGE ORDER FORM**

Bakersfield City School District  
 1501 Feliz Drive  
 Bakersfield, CA 93307

<b>PCO NO.:</b>

**Project:** \_\_\_\_\_  
**Bid No.:** \_\_\_\_\_  
**RFI #:** \_\_\_\_\_

**Date:** \_\_\_\_\_  
**DSA File No.:** \_\_\_\_\_  
**DSA Appl. No.:** \_\_\_\_\_

Contractor hereby submits for District’s review and evaluation this Proposed Change Order (“PCO”), submitted in accordance with and subject to the terms of the Contract Documents, including Sections 17.7 and 17.8 of the General Conditions. Any spaces left blank below are deemed no change to cost or time.

Contractor understands and acknowledges that documentation supporting Contractor’s PCO must be attached and included for District review and evaluation. Contractor further understands and acknowledges that failure to include documentation sufficient to, in District’s discretion, support some or all of the PCO, shall result in a rejected PCO.

	<b><u>WORK PERFORMED OTHER THAN BY CONTRACTOR</u></b>	<b><u>ADD</u></b>	<b><u>DEDUCT</u></b>
(i)	<b><u>Material</u></b> (attach suppliers’ invoice or itemized quantity and unit cost plus sales tax)		
(j)	<b><u>Add Labor</u></b> (attach itemized hours and rates, fully Burdened, and specify the hourly rate for each additional labor burden, for example, payroll taxes, fringe benefits, etc.)		
(k)	<b><u>Add Equipment</u></b> (attach suppliers’ invoice)		
(l)	<b><u>Subtotal</u></b>		
(m)	<b><u>Add overhead and profit for any and all tiers of Subcontractor</u></b> , the total not to exceed ten percent (10%) of Item (d)		
(n)	<b><u>Subtotal</u></b>		
(o)	<b><u>Add General Conditions</u></b> (if Time is Compensable) (attach supporting documentation)		
(p)	<b><u>Subtotal</u></b>		
(q)	<b><u>Add Overhead and Profit for Contractor</u></b> , not to exceed five percent (5%) of Item (h)		
(r)	<b><u>Subtotal</u></b>		
(s)	<b><u>Add Bond and Insurance</u></b> , not to exceed two percent (2%) of Item (j)		
(t)	<b><u>TOTAL</u></b>		
(u)	<b><u>Time</u></b> (zero unless indicated; “TBD” not permitted)	_____	<b>Calendar Days</b>

[REMAINDER OF PAGE LEFT BLANK INTENTIONALLY]

	<b>WORK PERFORMED BY CONTRACTOR</b>	<b>ADD</b>	<b>DEDUCT</b>
(v)	<b>Material</b> (attach itemized quantity and unit cost plus sales tax)		
(w)	<b>Add Labor</b> (attach itemized hours and rates, fully Burdened, and specify the hourly rate for each additional labor burden, for example, payroll taxes, fringe benefits, etc.)		
(x)	<b>Add Equipment</b> (attach suppliers' invoice)		
(y)	<b>Add General Conditions</b> (if Time is Compensable) (attach supporting documentation)		
(z)	<b>Subtotal</b>		
(aa)	<b>Add Overhead and Profit for Contractor</b> , not to exceed fifteen percent (15%) of Item (e)		
(bb)	<b>Subtotal</b>		
(cc)	<b>Add Bond and Insurance</b> , not to exceed two percent (2%) of Item (g)		
(dd)	<b>TOTAL</b>		
(ee)	<b>Time</b> (zero unless indicated; "TBD" not permitted)		____ <b>Calendar Days</b>

The undersigned Contractor approves the foregoing as to the changes, if any, to the Contract Price specified for each item, and as to the extension of time allowed, if any, for completion of the entire Work as stated herein, and agrees to furnish all labor, materials, and service, and perform all work necessary to complete any additional work specified for the consideration stated herein. Submission of sums which have no basis in fact or which Contractor knows are false are at the sole risk of Contractor and may be a violation of the False Claims Act set forth under Government Code section 12650 et seq. It is understood that the changes herein to the Contract shall only be effective when approved by the governing board of the District.

It is expressly understood that the value of the extra Work or changes expressly includes any and all of the Contractor's costs and expenses, direct and indirect, resulting from additional time required on the Project or resulting from delay to the Project including, without limitation, cumulative impacts. Contractor is not entitled to separately recover amounts for overhead or other indirect costs. Any costs, expenses, damages, or time extensions not included are deemed waived.

**SUBMITTED BY:**

Contractor:

\_\_\_\_\_  
[Name]

\_\_\_\_\_  
Date

END OF DOCUMENT

**CHANGE ORDER FORM**

Bakersfield City School District  
 1501 Feliz Drive  
 Bakersfield, CA 93307

<b>CHANGE ORDER NO.:</b>

**CHANGE ORDER**

**Project:** \_\_\_\_\_  
**Bid No.:** \_\_\_\_\_

**Date:** \_\_\_\_\_  
**DSA File No.:** \_\_\_\_\_  
**DSA Appl. No.:** \_\_\_\_\_

The following parties agree to the terms of this Change Order:

**Owner:** \_\_\_\_\_  
 [Name / Address]  
 \_\_\_\_\_  
 \_\_\_\_\_

**Contractor:** \_\_\_\_\_  
 [Name / Address]  
 \_\_\_\_\_  
 \_\_\_\_\_

**Architect:** \_\_\_\_\_  
 [Name / Address]  
 \_\_\_\_\_  
 \_\_\_\_\_

**Project Inspector:** \_\_\_\_\_  
 [Name / Address]  
 \_\_\_\_\_  
 \_\_\_\_\_

Reference	Description	Cost	Days Ext.
PCO # Requested by: Performed by: Reason:	[Description of change] [Requester] [Performer] [Reason]	\$	
PCO # Requested by: Performed by: Reason:	[Description of change] [Requester] [Performer] [Reason]	\$	
PCO # Requested by: Performed by: Reason:	[Description of change] [Requester] [Performer] [Reason]	\$	
Contract time will be adjusted as follows:  Previous Completion Date: __[Date]  _____[#] Calendar Days Extension (zero unless otherwise indicated)  Current Completion Date: __[Date]		Original Contract Amount:	\$
		Amount of Previously Approved Change Order(s):	\$
		Amount of this Change Order:	\$
		Contract Amount:	\$





**AGREEMENT AND RELEASE OF ANY AND ALL CLAIMS**

THIS AGREEMENT AND RELEASE OF CLAIMS ("Agreement and Release") IS MADE AND ENTERED INTO THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_ by and between the BAKERSFIELD CITY SCHOOL DISTRICT ("District") and \_\_\_\_\_ ("Contractor"), whose place of business is \_\_\_\_\_.

RECITALS

**WHEREAS**, District and Contractor entered into PROJECT/CONTRACT NO.: \_\_\_\_\_ ("Contract" or "Project") in the County of Kern, California; and

**WHEREAS**, the Work under the Contract was completed on \_\_\_\_\_, and a Notice of Completion was recorded with the County Recorder on \_\_\_\_\_.

NOW, THEREFORE, it is mutually agreed between District and Contractor as follows:

AGREEMENT AND RELEASE

1. Contractor will only be assessed liquidated damages as detailed below:

- Original Contract Sum        \$ \_\_\_\_\_
- Modified Contract Sum       \$ \_\_\_\_\_
- Payment to Date                \$ \_\_\_\_\_
- Liquidated Damages           \$ \_\_\_\_\_
- Payment Due Contractor      \$ \_\_\_\_\_

2. Subject to the provisions hereof, District shall forthwith pay to Contractor the undisputed sum of \_\_\_\_\_ Dollars (\$\_\_\_\_\_) under the Contract, less any amounts represented by any notice to withhold funds on file with District as of the date of such payment.

3. Contractor acknowledges and hereby agrees that there are no unresolved or outstanding claims in dispute against District arising from the performance of work under the Contract, except for the claims described in Paragraph 4 and continuing obligations described in Paragraph 6. It is the intention of the parties in executing this Agreement and Release that this Agreement and Release shall be effective as a full, final and general release of all claims, demands, actions, causes of action, obligations, costs, expenses, damages, losses and liabilities of Contractor against District and all of its respective agents, employees, trustees, inspectors, assignees, consultants and transferees, except for any Disputed Claim that may be set forth in Paragraph 4 and the continuing obligations described in Paragraph 6 hereof.

4. The following claims are disputed (hereinafter, the "Disputed Claims") and are specifically excluded from the operation of this Agreement and Release:

<u>Claim No.</u>	<u>Description of Claim</u>	<u>Amount of Claim</u>	<u>Date Claim Submitted</u>
_____	_____	\$ _____	_____
_____	_____	\$ _____	_____
_____	_____	\$ _____	_____
_____	_____	\$ _____	_____
_____	_____	\$ _____	_____
_____	_____	\$ _____	_____

[If further space is required, attach additional sheets showing the required information.]

5. Consistent with California Public Contract Code section 7100, Contractor hereby agrees that, in consideration of the payment set forth in Paragraph 2 hereof, Contractor hereby releases and forever discharges District, all its agents, employees, inspectors, assignees, and transferees from any and all liability, claims, demands, actions, or causes of action of whatever kind or nature arising out of or in any way concerned with the Work under the Contract.

6. Guarantees and warranties for the Work, and any other continuing obligation of Contractor, including without limitation, the duty to defend, indemnify and hold harmless the District, shall remain in full force and effect as specified in the Contract Documents.

7. Contractor hereby waives the provisions of California Civil Code section 1542 which provides as follows:

A GENERAL RELEASE DOES NOT EXTEND TO CLAIMS THAT THE CREDITOR OR RELEASING PARTY DOES NOT KNOW OR SUSPECT TO EXIST IN HIS OR HER FAVOR AT THE TIME OF EXECUTING THE RELEASE AND THAT, IF KNOWN BY HIM OR HER, WOULD HAVE MATERIALLY AFFECTED HIS OR HER SETTLEMENT WITH THE DEBTOR OR RELEASED PARTY.

8. The provisions of this Agreement and Release are contractual in nature and not mere recitals and shall be considered independent and severable. If any such provision or any part thereof shall be at any time held invalid in whole or in part under any federal, state, county, municipal, or other law, ruling, or regulations, then such provision, or part thereof, shall remain in force and effect to the extent permitted by law, and the remaining provisions of this Agreement and Release shall also remain in full force and effect, and shall be enforceable.

9. All rights of District shall survive completion of the Work or termination of Contract, and execution of this Release.

\* \* \* CAUTION: THIS IS A RELEASE - READ BEFORE EXECUTING \* \* \*

BAKERSFIELD CITY SCHOOL DISTRICT

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

END OF DOCUMENT

**GUARANTEE FORM**

\_\_\_\_\_ ("Contractor") hereby agrees that the \_\_\_\_\_  
\_\_\_\_\_ ("Work" of Contractor) which Contractor has installed for the Bakersfield City  
School District ("District") for the following project:

**PROJECT: Horace Mann Elementary School Campus HVAC System Upgrades project  
22214.00-32**

("Project" or "Contract") has been performed in accordance with the requirements of the  
Contract Documents and that the Work as installed will fulfill the requirements of the Contract  
Documents.

The undersigned agrees to repair or replace any or all of such Work that may prove to be  
defective in workmanship or material together with any other adjacent Work that may be  
displaced in connection with such replacement within a period one year(s) from the date of  
completion as defined in Public Contract Code section 7107, subdivision (c), ordinary wear  
and tear and unusual abuse or neglect excepted. The date of completion is  
\_\_\_\_\_, 20\_\_.

In the event of the undersigned's failure to comply with the above-mentioned conditions  
within a reasonable period of time, as determined by the District, but not later than seven (7)  
days after being notified in writing by the District, the undersigned authorizes the District to  
proceed to have said defects repaired and made good at the expense of the undersigned. The  
undersigned shall pay the costs and charges therefor upon demand.

Date: \_\_\_\_\_

Proper Name of Contractor: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

Representatives to be contacted for service subject to terms of Contract:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone No.: \_\_\_\_\_

Email: \_\_\_\_\_

END OF DOCUMENT

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**GENERAL CONDITIONS**

**1. CONTRACT TERMS AND DEFINITIONS**

**1.1 Definitions**

**Wherever used in the Contract Documents, the following terms shall have the meanings indicated, which shall be applicable to both the singular and plural thereof:**

**1.1.1 Adverse Weather:** Shall be only weather that satisfies all of the following conditions: (1) unusually severe precipitation, sleet, snow, hail, or extreme temperature conditions in excess of the norm for the location and time of year it occurred based on the closest weather station data averaged over the past five years, (2) that is unanticipated and would cause unsafe work conditions and/or is unsuitable for scheduled work that should not be performed during inclement weather (i.e., exterior finishes), and (3) at the Project.

**1.1.2 Allowance(s):** The Allowance Item(s) identified in the Bid Form and Proposal and included in the Contract Price. Any unused portion of the Allowance will revert to the District documented by a deductive Change Order. Contractor hereby authorizes the District to execute a unilateral deductive Change Order at or near the end of the Project for all or any portion of the Allowance not allocated.

**1.1.3 Allowance Expenditure Directive:** Written authorization for expenditure of an Allowance, if any. Contractor shall not bill for or be due any portion of an Allowance unless the District has identified specific work, Contractor has submitted a price for that work or the District has proposed a price for that work, the District has accepted the cost for that work, and the District has executed an Allowance Expenditure Directive incorporating that work.

**1.1.4 Approval, Approved, and/or Accepted:** Written authorization, unless stated otherwise.

**1.1.5 Architect (or "Design Professional in General Responsible Charge"):** The individual, partnership, corporation, joint venture, or any combination thereof, named as Architect, who will have the rights and authority assigned to the Architect in the Contract Documents. The term Architect means the Design Professional in General Responsible Charge as defined in DSA PR 13-02 on this Project or the Architect's authorized representative.

**1.1.6 As-Builts:** Reproducible blue line prints of drawings to be prepared on a monthly basis pursuant to the Contract Documents, that reflect changes made during the performance of the Work, recording differences between the original design of the Work and the Work as constructed since the preceding monthly submittal. See **Record Drawings**.

**1.1.7 Bidder:** A contractor who intends to provide a proposal to the District to perform the Work of this Contract.

**1.1.8 Burdened:** The labor rate for Contractor or any Subcontractor inclusive of any and all burden costs including, but not limited to, health and welfare pay, vacation and holiday pay, pension contributions, training rates, benefits of any kind, insurance of any kind, workers' compensation, liability insurance, truck expenses, supply expenses of any kind, payroll taxes, and any other taxes of any kind.

**1.1.9 Change Order:** A written order to the Contractor authorizing an addition to, deletion from, or revision in the Work, and/or authorizing an adjustment in the Contract Price or Contract Time.

**1.1.10 Claim:** A Dispute that remains unresolved at the conclusion of the all the applicable Dispute Resolution requirements provided herein.

**1.1.11 Construction Change Directive:** A written order prepared and issued by the District, the Construction Manager, and/or the Architect and signed by the District and the Architect, directing a change in the Work.

**1.1.12 Construction Manager:** The individual, partnership, corporation, joint venture, or any combination thereof, or its authorized representative, named as such by the District. If no Construction Manager is used on the Project that is the subject of this Contract, then all references to Construction Manager herein shall be read to refer to District.

**1.1.13 Construction Schedule:** The progress schedule of construction of the Project as provided by Contractor and approved by District.

**1.1.14 Contract, Contract Documents:** The Contract consists exclusively of the documents evidencing the agreement of the District and Contractor, identified as the Contract Documents. The Contract Documents consist of the following documents:

- 1.1.14.1** Notice to Bidders
- 1.1.14.2** Instructions to Bidders
- 1.1.14.3** Bid Form and Proposal
- 1.1.14.4** Bid Bond
- 1.1.14.5** Designated Subcontractors List
- 1.1.14.6** Site Visit Certification (if a site visit was required)
- 1.1.14.7** Non-Collusion Declaration
- 1.1.14.8** Notice of Award
- 1.1.14.9** Notice to Proceed
- 1.1.14.10** Agreement
- 1.1.14.11** Escrow Agreement for Security Deposits in Lieu of Retention (if applicable)
- 1.1.14.12** Performance Bond
- 1.1.14.13** Payment Bond (Contractor's Labor & Material Bond)
- 1.1.14.14** General Conditions
- 1.1.14.15** Special Conditions (if applicable)
- 1.1.14.16** Hazardous Materials Procedures and Requirements
- 1.1.14.17** Workers' Compensation Certification
- 1.1.14.18** Prevailing Wage Certification
- 1.1.14.19** Disabled Veteran Business Enterprise Participation Certification (if applicable)
- 1.1.14.20** Drug-Free Workplace Certification (if applicable)
- 1.1.14.21** Tobacco-Free Environment Certification

- 1.1.14.22** Hazardous Materials Certification (if applicable)
- 1.1.14.23** Lead-Based Materials Certification (if applicable)
- 1.1.14.24** Imported Materials Certification (if applicable)
- 1.1.14.25** Criminal Background Investigation/Fingerprinting Certification
- 1.1.14.26** Roofing Project Certification (if applicable)
- 1.1.14.27** Registered Subcontractors List
- 1.1.14.28** Iran Contracting Act Certification (if applicable)
- 1.1.14.29** Federal Debarment Certification (if applicable)
- 1.1.14.30** Federal Byrd Anti-Lobbying Certification (if applicable)
- 1.1.14.31** Post Bid Interview
- 1.1.14.32** All Plans, Technical Specifications, and Drawings
- 1.1.14.33** Any and all addenda to any of the above documents
- 1.1.14.34** Any and all change orders or written modifications to the above documents if approved in writing by the District

**1.1.15 Contract Price:** The total monies payable to the Contractor under the terms and conditions of the Contract Documents.

**1.1.16 Contract Time:** The time period stated in the Agreement for the completion of the Work.

**1.1.17 Contractor:** The person or persons identified in the Agreement as contracting to perform the Work to be done under this Contract, or the legal representative of such a person or persons.

**1.1.18 Daily Job Report(s):** Daily Project reports prepared by the Contractor's employee(s) who are present on Site, which shall include the information required herein.

**1.1.19 Day(s):** Unless otherwise designated, day(s) means calendar day(s).

**1.1.20 Department of Industrial Relations (or "DIR"):** is responsible, among other things, for labor compliance monitoring and enforcement of California prevailing wage laws and regulations for public works contracts.

**1.1.21 Design Professional in General Responsible Charge:** See definition of **Architect** above.

**1.1.22 Dispute:** A separate demand by Contractor for a time extension, or payment of money or damages arising from Work done by or on behalf of the Contractor pursuant to the Contract and payment of which is not otherwise expressly provided for or Contractor is not otherwise entitled to; or an amount of payment disputed by the District.

**1.1.23 District:** The public agency or the school district for which the Work is performed. The governing board of the District or its designees will act for the District in all matters pertaining to the Contract. The District may, at any time,

**1.1.23.1** Direct the Contractor to communicate with or provide notice to the Construction Manager or the Architect on matters for which the Contract Documents indicate the Contractor will communicate with or provide notice to the District; and/or

**1.1.23.2** Direct the Construction Manager or the Architect to communicate with or direct the Contractor on matters for which the Contract Documents indicate the District will communicate with or direct the Contractor.

**1.1.24 Drawings (or "Plans"):** The graphic and pictorial portions of the Contract Documents showing the design, location, scope, and dimensions of the work, generally including plans, elevations, sections, details, schedules, sequence of operation, and diagrams.

**1.1.25 DSA:** Division of the State Architect.

**1.1.26 Force Account Directive:** A process that may be used when the District and the Contractor cannot agree on a price for a specific portion of work or before the Contractor prepares a price for a specific portion of work and whereby the Contractor performs the work as indicated herein on a time and materials basis.

**1.1.27 Job Cost Reports:** Any and all reports or records detailing the costs associated with work performed on or related to the Project that Contractor shall maintain for the Project. Specifically, Job Cost Reports shall contain, but are not limited by or to, the following information: a description of the work performed or to be performed on the Project; quantity, if applicable, of work performed (hours, square feet, cubic yards, pounds, etc.) for the Project; Project budget; costs for the Project to date; estimated costs to complete the Project; and expected costs at completion. The Job Cost Reports shall also reflect all Contract cost codes, change orders, elements of non-conforming work, back charges, and additional services.

**1.1.28 Labor Commissioner's Office (or "Labor Commissioner," also known as the Division of Labor Standards Enforcement ("DLSE")):** Division of the DIR responsible for adjudicating wage claims, investigating discrimination and public works complaints, and enforcing Labor Code statutes and Industrial Welfare Commission orders.

**1.1.29 Municipal Separate Storm Sewer System (or "MS4"):** A system of conveyances used to collect and/or convey storm water, including, without limitation, catch basins, curbs, gutters, ditches, man-made channels, and storm drains.

**1.1.30 Plans:** See **Drawings**.

**1.1.31 Premises:** The real property owned by the District on which the Site is located.

**1.1.32 Product(s):** New material, machinery, components, equipment, fixtures, and systems forming the Work, including existing materials or components required and approved by the District for reuse.

**1.1.33 Product Data:** Illustrations, standard schedules, performance charts, instructions, brochures, diagrams, and other information furnished by the Contractor to illustrate a material, product, or system for some portion of the Work.

**1.1.34 Program Manager:** The individual, partnership, corporation, joint venture, or any combination thereof, or its authorized representative, named as such by the District. If no Program Manager is designated for Project that is the subject of

this Contract, then all references to Project Manager herein shall be read to refer to District.

**1.1.35 Project:** The planned undertaking as provided for in the Contract Documents.

**1.1.36 Project Inspector (or "Inspector"):** The individual(s) retained by the District in accordance with title 24 of the California Code of Regulations to monitor and inspect the Project.

**1.1.37 Proposed Change Order (or "PCO"):** a written request prepared by the Contractor requesting that the District and the Architect issue a Change Order based upon a proposed change to the Work.

**1.1.38 Provide:** Shall include "provide complete in place," that is, "furnish and install," and "provide complete and functioning as intended in place" unless specifically stated otherwise.

**1.1.39 Qualified SWPPP Practitioners (or "QSP"):** certified personnel that attended a State Water Resources Control Board sponsored or approved training class and passed the qualifying exam.

**1.1.40 Record Drawings:** Reproducible drawings (or Plans) prepared pursuant to the requirements of the Contract Documents that reflect all changes made during the performance of the Work, recording differences between the original design of the Work and the Work as constructed upon completion of the Project. See also **As-Builts**.

**1.1.41 Request for Information (or "RFI"):** A written request prepared by the Contractor requesting that the Architect provide additional information necessary to clarify or amplify an item in the Contract Documents that the Contractor believes is not clearly shown or called for in the Drawings or Specifications or other portions of the Contract Documents, or to address problems that have arisen under field conditions.

**1.1.42 Request for Substitution for Specified Item:** A request by Contractor to substitute an equal or superior material, product, thing, or service for a specific material, product, thing, or service that has been designated in the Contract Documents by a specific brand or trade name.

**1.1.43 Safety Orders:** Written and/or verbal orders for construction issued by the California Division of Occupational Safety and Health ("CalOSHA") or by the United States Occupational Safety and Health Administration ("OSHA").

**1.1.44 Safety Plan:** Contractor's safety plan specifically adapted for the Project. Contractor's Safety Plan shall comply with all provisions regarding Project safety, including all applicable provisions in these General Conditions.

**1.1.45 Samples:** Physical examples that illustrate materials, products, equipment, finishes, colors, or workmanship and that, when approved in accordance with the Contract Documents, establish standards by which portions of the Work will be judged.

**1.1.46 Shop Drawings:** All drawings, prints, diagrams, illustrations, brochures, schedules, and other data that are prepared by the Contractor, a subcontractor, manufacturer, supplier, or distributor, that illustrate how specific portions of the Work shall be fabricated or installed.

**1.1.47 Site:** The Project site as shown on the Drawings.

**1.1.48 Specifications:** That portion of the Contract Documents, Division 1 through Division 49, and all technical sections, and addenda to all of these, if any, consisting of written descriptions and requirements of a technical nature of materials, equipment, construction methods and systems, standards, and workmanship.

**1.1.49 State:** The State of California.

**1.1.50 Storm Water Pollution Prevention Plan (or "SWPPP"):** A document which identifies sources and activities at a particular facility that may contribute pollutants to storm water and contains specific control measures and time frames to prevent or treat such pollutants.

**1.1.51 Subcontractor:** A contractor and/or supplier who is under contract with the Contractor or with any other subcontractor, regardless of tier, to perform a portion of the Work of the Project.

**1.1.52 Submittal Schedule:** The schedule of submittals as provided by Contractor and approved by District.

**1.1.53 Surety:** The person, firm, or corporation that executes as surety the Contractor's Performance Bond and Payment Bond, and must be a California admitted surety insurer as defined in the Code of Civil Procedure section 995.120.

**1.1.54 Work:** All labor, materials, equipment, components, appliances, supervision, coordination, and services required by, or reasonably inferred from, the Contract Documents, that are necessary for the construction and completion of the Project.

## **1.2 Laws Concerning the Contract; Venue**

Contract is subject to all provisions of the Constitution and laws of California and the United States governing, controlling, or affecting District, or the property, funds, operations, or powers of District, and such provisions are by this reference made a part hereof. Any provision required by law to be included in this Contract shall be deemed to be inserted.

To the fullest extent permitted by California law, the county in which the District administration office is located shall be the venue for any action or proceeding that may be brought or arise out of, in connection with or by reason of this Contract.

## **1.3 No Oral Agreements**

No oral agreement or conversation with any officer, agent, or employee of District, either before or after execution of Contract, shall affect or modify any of the terms or obligations contained in any of the documents comprising the Contract.



#### **1.4 No Assignment**

Contractor shall not assign this Contract or any part thereof including, without limitation, any Work or money to become due hereunder without the prior written consent of the District. Assignment without District's prior written consent shall be null and void. Any assignment of money due or to become due under this Contract shall be subject to a prior lien for services rendered or material supplied for performance of work called for under this Contract in favor of all persons, firms, or corporations rendering services or supplying material to the extent that claims are filed pursuant to the Civil Code, Code of Civil Procedure, Government Code, Labor Code, and/or Public Contract Code, and shall also be subject to deductions for liquidated damages or withholding of payments as determined by District in accordance with this Contract. Contractor shall not assign or transfer in any manner to a Subcontractor or supplier the right to prosecute or maintain an action against the District.

#### **1.5 Notice and Service Thereof**

**1.5.1** Any notice from one party to the other or otherwise under Contract shall be in writing and shall be dated and signed by the party giving notice or by a duly authorized representative of that party. Any notice shall not be effective for any purpose whatsoever unless served in one of the following manners:

**1.5.1.1** If notice is given by personal delivery thereof, it shall be considered delivered on the day of delivery.

**1.5.1.2** If notice is given by overnight delivery service, it shall be considered delivered one (1) day after date deposited, as indicated by the delivery service.

**1.5.1.3** If notice is given by depositing same in United States mail, enclosed in a sealed envelope, it shall be considered delivered three (3) days after date deposited, as indicated by the postmarked date.

**1.5.1.4** If notice is given by registered or certified mail with postage prepaid, return receipt requested, it shall be considered delivered on the day the notice is signed for.

**1.5.1.5** Electronic mail may be used for convenience but is not a substitute for the notice and service requirements herein.

#### **1.6 No Waiver**

The failure of District in any one or more instances to insist upon strict performance of any of the terms of this Contract or to exercise any option herein conferred shall not be construed as a waiver or relinquishment to any extent of the right to assert or rely upon any such terms or option on any future occasion. No action or failure to act by the District, Architect, or Construction Manager shall constitute a waiver of any right or duty afforded the District under the Contract, nor shall any action or failure to act constitute an approval of or acquiescence in any breach thereunder, except as may be specifically agreed in writing.

## **1.7 Substitutions for Specified Items**

Unless the Special Conditions contain different provisions, Contractor shall not substitute different items for any items identified in the Contract Documents without prior written approval of the District.

## **1.8 Materials and Work**

**1.8.1** Except as otherwise specifically stated in this Contract, Contractor shall provide and pay for all materials, labor, tools, equipment, transportation, supervision, temporary constructions of every nature, and all other services, management, and facilities of every nature whatsoever necessary to execute and complete this Contract, in a good and workmanlike manner, within the Contract Time.

**1.8.2** Unless otherwise specified, all materials shall be new and of the best quality of their respective kinds and grades as noted or specified, workmanship shall be of good quality, and Contractor shall use all diligence to inform itself fully as to the required manufacturer's instructions and to comply therewith.

**1.8.3** Materials shall be furnished in ample quantities and at such times as to ensure uninterrupted progress of Work and shall be stored properly and protected from the elements, theft, vandalism, or other loss or damage as required.

**1.8.4** For all materials and equipment specified or indicated in the Drawings, the Contractor shall provide all labor, materials, equipment, and services necessary for complete assemblies and complete working systems, functioning as intended. Incidental items not indicated on Drawings, nor mentioned in the Specifications, that can legitimately and reasonably be inferred to belong to the Work described, or be necessary in good practice to provide a complete assembly or system, shall be furnished as though itemized here in every detail. In all instances, material and equipment shall be installed in strict accordance with each manufacturer's most recent published recommendations and specifications.

**1.8.5** Contractor shall, after award of Contract by District and after relevant submittals have been reviewed, place orders for materials and/or equipment as specified so that delivery of same may be made without delays to the Work. Contractor shall, upon five (5) days' demand from District, present documentary evidence showing that orders have been placed.

**1.8.6** District reserves the right but has no obligation, in response to Contractor's neglect or failure in complying with the above instructions, to place orders for such materials and/or equipment as the District may deem advisable in order that the Work may be completed at the date specified in the Contract, and all expenses incidental to the procuring of said materials and/or equipment shall be paid for by Contractor or deducted from payment(s) to Contractor.

**1.8.7** Contractor warrants good title to all material, supplies, and equipment installed or incorporated in Work and agrees upon completion of all Work to deliver the Site to District, together with all improvements and appurtenances constructed or placed thereon by it, and free from any claims, liens, or charges. Contractor further agrees that neither it nor any person, firm, or corporation furnishing any materials or labor for any work covered by the Contract shall have any right to lien any portion of the Premises or any improvement or appurtenance thereon, except that Contractor

may install metering devices or other equipment of utility companies or of political subdivision, title to which is commonly retained by utility company or political subdivision. In the event of installation of any such metering device or equipment, Contractor shall advise District as to owner thereof.

**1.8.7.1** If a lien or a claim based on a stop payment notice of any nature should at any time be filed against the Work or any District property, by any entity that has supplied material or services at the request of the Contractor, Contractor and Contractor's Surety shall promptly, on demand by District and at Contractor's and Surety's own expense, take any and all action necessary to cause any such lien or a claim based on a stop payment notice to be released or discharged immediately therefrom.

**1.8.7.2** If the Contractor fails to furnish to the District within ten (10) calendar days after demand by the District, satisfactory evidence that a lien or a claim based on a stop payment notice has been so released, discharged, or secured, the District may discharge such indebtedness and deduct the amount required therefor, together with any and all losses, costs, damages, and attorney's fees and expense incurred or suffered by District from any sum payable to Contractor under the Contract.

**1.8.8** Nothing contained in this Article, however, shall defeat or impair the rights of persons furnishing materials or labor under any bond given by Contractor for their protection or any rights under any law permitting such protection or any rights under any law permitting such persons to look to funds due Contractor in hands of District (e.g., stop payment notices), and this provision shall be inserted in all subcontracts and material contracts and notice of its provisions shall be given to all persons furnishing material for work when no formal contract is entered into for such material.

**1.8.9** Title to new materials and/or equipment for the Work of this Contract and attendant liability for its protection and safety shall remain with Contractor until incorporated in the Work of this Contract and accepted by District. No part of any materials and/or equipment shall be removed from its place of storage except for immediate installation in the Work of this Contract. Should the District, in its discretion, allow the Contractor to store materials and/or equipment for the Work off-site, Contractor will store said materials and/or equipment at a bonded warehouse and with appropriate insurance coverage at no cost to District. Contractor shall keep an accurate inventory of all materials and/or equipment in a manner satisfactory to District or its authorized representative and shall, at the District's request, forward it to the District.

**1.8.10 [RESERVED]**

**2. [RESERVED]**

**3. ARCHITECT**

**3.1** The Architect shall represent the District during the Project and will observe the progress and quality of the Work on behalf of the District. Architect shall have the authority to act on behalf of District to the extent expressly provided in the Contract Documents and to the extent determined by District. Architect shall have authority to reject materials, workmanship, and/or the Work whenever rejection may be necessary, in Architect's reasonable opinion, to ensure the proper execution of the Contract.

**3.2** Architect shall, with the District and on behalf of the District, determine the amount, quality, acceptability, and fitness of all parts of the Work, and interpret the Specifications, Drawings, and shall, with the District, interpret all other Contract Documents.

**3.3** Architect shall have all authority and responsibility established by law, including title 24 of the California Code of Regulations.

**3.4** Contractor shall provide District and the Construction Manager with a copy of all written communication between Contractor and Architect at the same time as that communication is made to Architect, including, without limitation, all RFIs, correspondence, submittals, claims, and proposed change orders.

#### **4. CONSTRUCTION MANAGER**

**4.1** If a Construction Manager is used on this Project ("Construction Manager" or "CM"), the Construction Manager will provide administration of the Contract on the District's behalf. After execution of the Contract and Notice to Proceed, all correspondence and/or instructions from Contractor and/or District shall be forwarded through the Construction Manager. The Construction Manager will not be responsible for and will not have control or charge of construction means, methods, techniques, sequences, or procedures or for safety precautions in connection with the Work, which shall all remain the Contractor's responsibility.

**4.2** The Construction Manager, however, will have authority to reject materials and/or workmanship not conforming to the Contract Documents, as determined by the District, the Architect, and/or the Project Inspector. The Construction Manager shall also have the authority to require special inspection or testing of any portion of the Work, whether it has been fabricated, installed, or fully completed. Any decision made by the Construction Manager, in good faith, shall not give rise to any duty or responsibility of the Construction Manager to: the Contractor; any Subcontractor; the Contractor or Subcontractor's respective agents, employees; or other persons performing any of the Work. The Construction Manager shall have free access to any or all parts of Work at any time.

**4.3** If the District does not use a Construction Manager on this Project, all references within the Contract Documents to Construction Manager or CM shall be read as District.

#### **5. INSPECTOR, INSPECTIONS, AND TESTS**

##### **5.1 Project Inspector**

**5.1.1** One or more Project Inspector(s), including special Project Inspector(s), as required, will be assigned to the Work by District, in accordance with requirements of title 24, part 1, of the California Code of Regulations, to enforce the building code and monitor compliance with Plans and Specifications for the Project previously approved by the DSA. Duties of Project Inspector(s) are specifically defined in section 4-342 of said part 1 of title 24.

**5.1.2** No Work shall be carried on except with the knowledge and under the inspection of the Project Inspector(s). The Project Inspector(s) shall have free access to any or all parts of Work at any time. Contractor shall furnish Project Inspector(s)

reasonable opportunities for obtaining such information as may be necessary to keep Project Inspector(s) fully informed respecting progress and manner of work and character of materials, including, but not limited to, submission of form DSA 156 (or the most current version applicable at the time the Work is performed) to the Project Inspector at least 48 hours in advance of the commencement and completion of construction of each and every aspect of the Work. Forms are available on the DSA's website at: <http://www.dgs.ca.gov/dsa/Forms.aspx>. Inspection of Work shall not relieve Contractor from an obligation to fulfill this Contract. Project Inspector(s) and the DSA are authorized to suspend work whenever the Contractor and/or its Subcontractor(s) are not complying with the Contract Documents. Any work stoppage by the Project Inspector(s) and/or DSA shall be without liability to the District. Contractor shall instruct its Subcontractors and employees accordingly.

**5.1.3** If Contractor and/or any Subcontractor requests that the Project Inspector(s) perform any inspection off-site, this shall only be done if it is allowable pursuant to applicable regulations and DSA approval, if the Project Inspector(s) agree to do so, and at the expense of the Contractor.

## **5.2 Tests and Inspections**

**5.2.1** Tests and Inspections shall comply with title 24, part 1, California Code of Regulations, group 1, article 5, section 4-335, and with the provisions of the Specifications.

**5.2.2** The District will select an independent testing laboratory to conduct the tests. Selection of the materials required to be tested shall be by the laboratory or the District's representative and not by the Contractor. The Contractor shall notify the District's representative a sufficient time in advance of its readiness for required observation or inspection.

**5.2.3** The Contractor shall notify the District's representative a sufficient time in advance of the manufacture of material to be supplied under the Contract Documents, which must by terms of the Contract Documents be tested, in order that the District may arrange for the testing of same at the source of supply. This notice shall be provided, at a minimum, seventy-two (72) hours prior to the manufacture of the material that needs to be tested.

**5.2.4** Any material shipped by the Contractor from the source of supply prior to having satisfactorily passed such testing and inspection or prior to the receipt of notice from said representative that such testing and inspection will not be required, shall not be incorporated into and/or onto the Project.

**5.2.5** The District will select the testing laboratory and pay for the cost of all tests and inspections, excepting those inspections performed at Contractor's request and expense. Contractor shall reimburse the District for any and all laboratory costs or other testing costs for any materials found to be not in compliance with the Contract Documents. At the District's discretion, District may elect to deduct laboratory or other testing costs for noncompliant materials from the Contract Price, and such deduction shall not constitute a withholding.

### **5.3 Costs for After Hours and/or Off-Site Inspections**

If the Contractor performs Work outside the Inspector's regular working hours or requests the Inspector to perform inspections off Site, costs of any inspections required outside regular working hours or off Site shall be borne by the Contractor and may be invoiced to the Contractor by the District or the District may deduct those expenses from the next Progress Payment.

## **6. CONTRACTOR**

Contractor shall construct and complete, in a good and workmanlike manner, the Work for the Contract Price including any adjustment(s) to the Contract Price pursuant to provisions herein regarding changes to the Contract Price. Except as otherwise noted, Contractor shall provide and pay for all labor, materials, equipment, permits (excluding DSA), fees, licenses, facilities, transportation, taxes, bonds and insurance, and services necessary for the proper execution and completion of the Work, except as indicated herein.

### **6.1 Status of Contractor**

**6.1.1** Contractor represents and warrants that Contractor is an independent contractor or business entity that is: (i) free from the control and direction of the District in connection with the performance of the Services, (ii) performing Services that are outside the usual course of the District's business, and (iii) customarily engaged in an independently established trade, occupation, or business of the same nature as that involved in the Services performed, District being interested only in the results obtained. Contractor understands and agrees that it and all of its employees and its Subcontractors shall not be considered officers, employees, agents, partner, or joint venture of the District, and are not entitled to benefits of any kind or nature normally provided employees of the District and/or to which District's employees are normally entitled, including, but not limited to, State Unemployment Compensation or Worker's Compensation. Contractor shall assume full responsibility for payment of all federal, state, and local taxes or contributions, including unemployment insurance, social security, and income taxes with respect to Consultant's employees. Contractor is and shall at all times be wholly responsible for the manner in which it, its agents, and its Subcontractors perform the services required of it by the Contract Documents. Nothing herein contained shall be construed as creating the relationship of employer and employee, or principal and agent, between the District, or any of the District's employees or agents, and Contractor or any of Contractor's Subcontractors, agents, or employees. District shall be permitted to monitor the Contractor's activities to determine compliance with the terms of this Contract.

**6.1.2** As required by law, Contractor and all Subcontractors shall be properly licensed and regulated by the Contractors State License Board, 9821 Business Park Drive, Sacramento, California 95827, <http://www.cslb.ca.gov>.

**6.1.3** As required by law, Contractor and all Subcontractors shall be properly registered as public works contractors by the Department of Industrial Relations at: <https://efiling.dir.ca.gov/PWCR/ActionServlet?action=displayPWCRRegistrationForm> or current URL.

**6.1.4** Contractor represents that Contractor and all Subcontractors shall not be presently debarred, suspended, proposed for disbarment, declared ineligible or excluded pursuant to either Labor Code section 1777.1 or Labor Code section 1777.7.

**6.1.5 [RESERVED]**

**6.1.6** Contractor represents that it has no existing interest and will not acquire any interest, direct or indirect, which could conflict in any manner or degree with the performance of Work required under this Contract and that no person having any such interest shall be employed by Contractor.

**6.1.7 [RESERVED]**

**6.1.8** If Contractor intends to make any change in the name or legal nature of the Contractor's entity, Contractor must first notify the District in writing prior to making any contemplated change. The District shall determine in writing if Contractor's intended change is permissible while performing this Contract.

**6.2 Project Inspection Card(s)**

Contractor shall verify that forms DSA 152 (or the current version applicable at the time the Work is performed) are issued for the Project prior to the commencement of construction.

**6.3 Contractor's Supervision**

**6.3.1** During progress of the Work, Contractor shall keep on the Premises, and at all other locations where any Work related to the Contract is being performed, an experienced and competent project manager and construction superintendent who are employees of the Contractor, to whom the District does not object and at least one of whom shall be fluent in English, written and verbal.

**6.3.2** The project manager and construction superintendent shall both speak fluently the predominant language of the Contractor's employees.

**6.3.3** Before commencing the Work herein, Contractor shall give written notice to District of the name of its project manager and construction superintendent. Neither the Contractor's project manager nor construction superintendent shall be changed except with prior written notice to District. If the Contractor's project manager and/or construction superintendent proves to be unsatisfactory to Contractor, or to District, any of the District's employees, agents, the Construction Manager, or the Architect, the unsatisfactory project manager and/or construction superintendent shall be replaced. However, Contractor shall notify District in writing before any change occurs, but no less than two (2) business days prior. Any replacement of the project manager and/or construction superintendent shall be made promptly and must be satisfactory to the District. The Contractor's project manager and construction superintendent shall each represent Contractor, and all directions given to Contractor's project manager and/or construction superintendent shall be as binding as if given to Contractor.

**6.3.4** Contractor shall give efficient supervision to Work, using its best skill and attention. Contractor shall carefully study and compare all Contract Documents, Drawings, Specifications, and other instructions and shall at once report to District, Construction Manager, and Architect any error, inconsistency, or omission that Contractor or its employees and Subcontractors may discover, in writing, with a copy to District's Project Inspector(s). The Contractor shall have responsibility for discovery of errors, inconsistencies, or omissions.

## **6.4 Duty to Provide Fit Workers**

**6.4.1** Contractor and Subcontractor(s) shall at all times enforce strict discipline and good order among their employees and shall not employ or work any unfit person or anyone not skilled in work assigned to that person. It shall be the responsibility of Contractor to ensure compliance with this requirement. District may require Contractor to permanently remove unfit persons from Project Site.

**6.4.2** Any person in the employ of Contractor or Subcontractor(s) whom District may deem incompetent or unfit shall be excluded from working on the Project and shall not again be employed on the Project except with the prior written consent of District.

**6.4.3** The Contractor shall furnish labor that can work in harmony with all other elements of labor employed or to be employed in the Work.

**6.4.4 Fingerprinting.** Contractor shall comply with the provisions of Education Code section 45125.2 regarding the submission of employee fingerprints to the California Department of Justice and the completion of criminal background investigations of its employees, its subcontractor(s), and its subcontractors' employees. Contractor shall not permit any employee to have any contact with District pupils until such time as Contractor has verified in writing to the governing board of the District, (A) that such employee has not been convicted of a violent or serious felony, as defined in Education Code section 45122.1 and/or (B) that the prohibition does not apply to an employee as provided by Education Code section 45125.1(e)(2) or (3). Contractor shall fully complete and perform all tasks required pursuant to the Criminal Background Investigation/ Fingerprinting Certification.

## **6.5 Field Office**

**6.5.1** Contractor shall provide a temporary office on the Site for the District's use exclusively, during the term of the Contract.

## **6.6 Purchase of Materials and Equipment**

The Contractor is required to order, obtain, and store materials and equipment sufficiently in advance of its Work at no additional cost or advance payment from District to assure that there will be no delays.

## **6.7 Documents on Work**

**6.7.1** Contractor shall at all times keep on the Site, or at another location as the District may authorize in writing, one legible copy of all Contract Documents, including Addenda and Change Orders, and Titles 19 and 24 of the California Code of Regulations, the specified edition(s) of the Uniform Building Code, all approved Drawings, Plans, Schedules, and Specifications, and all codes and documents referred to in the Specifications, and made part thereof. These documents shall be kept in good order and available to District, Construction Manager, Architect, Architect's representatives, the Project Inspector(s), and all authorities having jurisdiction. Contractor shall be acquainted with and comply with the provisions of these titles as they relate to this Project. (See particularly the duties of Contractor, Title 24, Part 1, California Code of Regulations, section 4-343.) Contractor shall also be acquainted with and comply with all California Code of Regulations provisions relating to conditions



of this Project, particularly Titles 8 and 17. Contractor shall coordinate with Architect and Construction Manager and shall submit its verified report(s) according to the requirements of Title 24.

## **6.7.2 Daily Job Reports.**

**6.7.2.1** Contractor shall maintain, at a minimum, at least one (1) set of Daily Job Reports on the Project. These must be prepared by the Contractor's employee(s) who are present on Site, and must include, at a minimum, the following information:

- 6.7.2.1.1** A brief description of all Work performed on that day.
- 6.7.2.1.2** A summary of all other pertinent events and/or occurrences on that day.
- 6.7.2.1.3** The weather conditions on that day.
- 6.7.2.1.4** A list of all Subcontractor(s) working on that day, including DIR registration numbers.
- 6.7.2.1.5** A list of each Contractor employee working on that day and the total hours worked for each employee.
- 6.7.2.1.6** A complete list of all equipment on Site that day, whether in use or not.
- 6.7.2.1.7** A complete list of all materials, supplies, and equipment delivered on that day.
- 6.7.2.1.8** A complete list of all inspections and tests performed on that day.

**6.7.2.2** Each day Contractor shall provide a copy of the previous day's Daily Job Report to the District or the Construction Manager.

## **6.8 Preservation of Records**

Contractor shall maintain, and District shall have the right to inspect, Contractor's financial records for the Project, including, without limitation, Job Cost Reports for the Project in compliance with the criteria set forth herein. The District shall have the right to examine and audit all Daily Job Reports or other Project records of Contractor's project manager(s), project superintendent(s), and/or project foreperson(s), all certified payroll records and/or related documents including, without limitation, Job Cost Reports, payroll, payment, timekeeping and tracking documents; all books, estimates, records, contracts, documents, bid documents, bid cost data, subcontract job cost reports, and other data of the Contractor, any Subcontractor, and/or supplier, including computations and projections related to bidding, negotiating, pricing, or performing the Work or Contract modification, in order to evaluate the accuracy, completeness, and currency of the cost, manpower, coordination, supervision, or pricing data at no additional cost to the District. These documents may be duplicative and/or be in addition to any Bid Documents held in escrow by the District. The Contractor shall make available at its office at all reasonable times the materials described in this paragraph for the examination, audit, or reproduction until three (3) years after final payment under this Contract. Notwithstanding the provisions above, Contractor shall provide any records requested by any governmental agency, if available, after the time set forth above.

## **6.9 Integration of Work**

**6.9.1** Contractor shall do all cutting, fitting, patching, and preparation of Work as required to make its several parts come together properly, to fit it to receive or be received by work of other contractors, and to coordinate tolerances to various pieces

of work, showing upon, or reasonably implied by, the Drawings and Specifications for the completed structure, and shall conform them as District and/or Architect may direct.

**6.9.2** Contractor shall make its own layout of lines and elevations and shall be responsible for the accuracy of both Contractor's and Subcontractors' work resulting therefrom.

**6.9.3** Contractor and all Subcontractors shall take all field dimensions required in performance of the Work, and shall verify all dimensions and conditions on the Site. All dimensions affecting proper fabrication and installation of all Work must be verified prior to fabrication by taking field measurements of the true conditions. If there are any discrepancies between dimensions in drawings and existing conditions which will affect the Work, Contractor shall bring such discrepancies to the attention of the District and Architect for adjustment before proceeding with the Work. In doing so, it is recognized that Contractor is not acting in the capacity of a licensed design professional, and that Contractor's examination is made in good faith to facilitate construction and does not create an affirmative responsibility of a design professional to detect errors, omissions or inconsistencies in the Contract Documents or to ascertain compliance with applicable laws, building codes or regulations. However, nothing in this provision shall abrogate Contractor's responsibilities for discovering and reporting any error, inconsistency, or omission pursuant to the Contract within the Contractor's standard of care including, without limitation, any applicable laws, ordinance, rules, or regulations. Following receipt of written notice from Contractor, the District and/or Architect shall inform Contractor what action, if any, Contractor shall take with regard to such discrepancies.

**6.9.4** All costs caused by noncompliant, defective, or delayed Work shall be borne by Contractor, inclusive of repair work. Schedule delays resulting from unauthorized work shall be Contractor's responsibility.

**6.9.5** Contractor shall not endanger any work performed by it or anyone else by cutting, excavating, or otherwise altering work and shall not cut or alter work of any other contractor except with consent of District.

## **6.10 Notifications**

**6.10.1** Contractor shall notify the Architect and Project Inspector, in writing, of the commencement of construction of each and every aspect of the Work at least 48 hours in advance by submitting form DSA 156 (or the most current version applicable at the time the Work is performed) to the Project Inspector. Forms are available on the DSA's website at: <http://www.dgs.ca.gov/dsa/Forms.aspx>.

**6.10.2** Contractor shall notify the Architect and Project Inspector, in writing, of the completion of construction of each and every aspect of the Work at least 48 hours in advance by submitting form DSA 156 (or current version) to the Project Inspector.

## **6.11 Obtaining of Permits, Licenses and Registrations**

**6.11.1** Contractor shall secure and pay for all permits (except DSA), licenses, registrations, approvals and certificates necessary for prosecution of Work, including but not limited to those listed in the Special Conditions, if any, before the date of the commencement of the Work or before the permits, licenses, registrations, approvals

and certificates are legally required to continue the Work without interruption. The Contractor shall obtain and pay, only when legally required, for all licenses, registrations, approvals, permits, inspections, and inspection certificates required to be obtained from or issued by any authority having jurisdiction over any part of the Work included in the Contract. All final permits, licenses, registrations, approvals, and certificates shall be delivered to District before demand is made for final payment.

**6.11.2** General Permit For Storm Water Discharges Associated With Construction and Land Disturbance Activities.

**6.11.2.1** Contractor acknowledges that all California school districts are obligated to develop and implement the following requirements for the discharge of storm water to surface waters from its construction and land disturbance activities pursuant to the Clean Water Act and Porter Cologne Water Quality Act. District has determined that the construction of this Project requires enrollment in the Construction Storm Water Permit. District has filed certain submittals referred to as Permit Registration Documents ("PRDS") with the Regional Water Control Board ("Storm Water Pollution Prevention Plan" or "SWPPP").

**6.11.2.2** Contractor shall comply with any District SWPPP that is approved by the District and applicable to the Project, at no additional cost to the District. Contractor shall pay any fees and any penalties that may imposed by a regulatory agency for its non-compliance with the SWPPP during the course of Work.

**6.11.2.3** Contractor shall provide a Qualified Storm Water Practitioner ("QSP") at no additional cost to the District, who shall be onsite and implement and monitor any and all SWPPP requirements applicable to the Project, including but not limited to:

**6.11.2.3.1** All required visual observations, sampling, analysis, reporting, and record keeping, including any Numeric Action Levels ("NALs"), if applicable;

**6.11.2.3.2** Rain Event Action Plan ("REAP") at least forty eight (48) hours prior to any forecasted rain event requiring implementation of the REAP, including any erosion and sediment control measures needed to protect all exposed portions of the site, if applicable;

**6.11.2.3.3** Active Treatment System ("ATS"), if applicable; and

**6.11.2.3.4** Best management practices ("BMPs").

**6.12** Royalties and Patents

**6.12.1** Contractor shall obtain and pay, only when legally required, all royalties and license fees necessary for prosecution of Work before the earlier of the date of the commencement of the Work or the date that the license is legally required to continue the Work without interruption. Contractor shall defend suits or claims of infringement of patent, copyright, or other rights and shall hold the District, the Architect, and the Construction Manager harmless and indemnify them from loss on account thereof except when a particular design, process, or make or model of product is required by the Contract Documents. However, if the Contractor has reason to believe that the required design, process, or product is an infringement of a patent or copyright, the Contractor shall indemnify and defend the District, Architect and Construction Manager

against any loss or damage unless the Contractor promptly informs the District of its information.

**6.12.2** The review by the District or Architect of any method of construction, invention, appliance, process, article, device, or material of any kind shall be only its adequacy for the Work and shall not approve use by the Contractor in violation of any patent or other rights of any person or entity.

**6.13 Work to Comply With Applicable Laws and Regulations**

**6.13.1** Contractor shall give all notices and comply with the following specific laws, ordinances, rules, and regulations and all other applicable laws, ordinances, rules, and regulations bearing on conduct of Work as indicated and specified, including but not limited to the appropriate statutes and administrative code sections. If Contractor observes that Drawings and Specifications are at variance therewith, or should Contractor become aware of the development of conditions not covered by Contract Documents that may result in finished Work being at variance therewith, Contractor shall promptly notify District in writing and any changes deemed necessary by District shall be made as provided in Contract for changes in Work.

**6.13.1.1** National Electrical Safety Code, U. S. Department of Commerce

**6.13.1.2** National Board of Fire Underwriters' Regulations

**6.13.1.3** International Building Code, latest addition, and the California Code of Regulations, title 24, and other amendments

**6.13.1.4** Manual of Accident Prevention in Construction, latest edition, published by A.G.C. of America

**6.13.1.5** Industrial Accident Commission's Safety Orders, State of California

**6.13.1.6** Regulations of the State Fire Marshall (title 19, California Code of Regulations) and Pertinent Local Fire Safety Codes

**6.13.1.7** Americans with Disabilities Act

**6.13.1.8** Education Code of the State of California

**6.13.1.9** Government Code of the State of California

**6.13.1.10** Labor Code of the State of California, division 2, part 7, Public Works and Public Agencies

**6.13.1.11** Public Contract Code of the State of California

**6.13.1.12** California Art Preservation Act

**6.13.1.13** U. S. Copyright Act

**6.13.1.14** U. S. Visual Artists Rights Act

**6.13.2** Contractor shall comply with all applicable mitigation measures, if any, adopted by any public agency with respect to this Project pursuant to the California Environmental Quality Act (Public Resources Code section 21000 et seq.).

**6.13.3** If Contractor performs any Work that it knew, or through exercise of reasonable care should have known, to be contrary to any applicable laws, ordinance, rules, or regulations, Contractor shall bear all costs arising therefrom and arising from the correction of said Work.

**6.13.4** Where Specifications or Drawings state that materials, processes, or procedures must be approved by the DSA, State Fire Marshall, or other body or agency, Contractor shall be responsible for satisfying requirements of such bodies or agencies applicable at the time the Work is performed, and as determined by those bodies or agencies.

**6.13.5 [RESERVED]**

**6.14 Safety/Protection of Persons and Property**

**6.14.1** The Contractor will be solely and completely responsible for conditions of the Site, including safety of all persons and property during performance of the Work. This requirement will apply continuously and not be limited to normal working hours.

**6.14.2** The wearing of hard hats will be mandatory at all times for all personnel on Site. Contractor shall supply sufficient hard hats to properly equip all employees and visitors.

**6.14.3** Any construction review of the Contractor's performance is not intended to include review of the adequacy of the Contractor's safety measures in, on, or near the Site.

**6.14.4** Implementation and maintenance of safety programs shall be the sole responsibility of the Contractor.

**6.14.5** The Contractor shall furnish to the District a copy of the Contractor's safety plan within the time frame indicated in the Contract Documents and specifically adapted for the Project.

**6.14.6** Contractor shall be responsible for all damages to persons or property that occur as a result of its fault or negligence in connection with the prosecution of this Contract and shall take all necessary measures and be responsible for the proper care and completion and final acceptance by District. All Work shall be solely at Contractor's risk with the exception of damage to the Work caused by "acts of God" as defined in Public Contract Code section 7105.

**6.14.7** Contractor shall take, and require Subcontractors to take, all necessary precautions for safety of workers on the Project and shall comply with all applicable federal, state, local, and other safety laws, standards, orders, rules, regulations, and building codes to prevent accidents or injury to persons on, about, or adjacent to premises where Work is being performed and to provide a safe and healthful place of employment. Contractor shall furnish, erect, and properly maintain at all times, all necessary safety devices, safeguards, construction canopies, signs, nets, barriers,

lights, and watchmen for protection of workers and the public and shall post danger signs warning against hazards created by such features in the course of construction.

**6.14.8** Hazards Control – Contractor shall store volatile wastes in covered metal containers and remove them from the Site daily. Contractor shall prevent accumulation of waste that create hazardous conditions. Contractor shall provide adequate ventilation during use of volatile or noxious substances.

**6.14.9** Contractor shall designate a responsible member of its organization on the Project, whose duty shall be to post information regarding protection and obligations of workers and other notices required under occupational safety and health laws, to comply with reporting and other occupational safety requirements, and to protect the life, safety, and health of workers. Name and position of person so designated shall be reported to District by Contractor.

**6.14.10** Contractor shall correct any violations of safety laws, rules, orders, standards, or regulations. Upon the issuance of a citation or notice of violation by the Division of Occupational Safety and Health, Contractor shall correct such violation promptly.

**6.14.11** Contractor shall comply with any District storm water requirements that are approved by the District and applicable to the Project, at no additional cost to the District.

**6.14.12** In an emergency affecting safety of life or of work or of adjoining property, Contractor, without special instruction or authorization, shall act, at its discretion, to prevent such threatened loss or injury. Any compensation claimed by Contractor on account of emergency work shall be determined by agreement.

**6.14.13** All salvage materials will become the property of the Contractor and shall be removed from the Site unless otherwise called for in the Contract Documents. However, the District reserves the right to designate certain items of value that shall be turned over to the District unless otherwise directed by District.

**6.14.14** All connections to public utilities and/or existing on-site services, including, without limitation, internet, phone and data connections, shall be made and maintained in such a manner as to not interfere with the continuing use of same by the District during the entire progress of the Work.

**6.14.15** Contractor shall provide such heat, covering, and enclosures as are necessary to protect all Work, materials, equipment, appliances, and tools against damage by weather conditions, such as extreme heat, cold, rain, snow, dry winds, flooding, or dampness.

**6.14.16** The Contractor shall protect and preserve the Work from all damage or accident, providing any temporary roofs, window and door coverings, boxings, or other construction as required by the Architect. The Contractor shall be responsible for existing structures, walks, roads, trees, landscaping, and/or improvements in working areas; and shall provide adequate protection therefore. If temporary removal is necessary of any of the above items, or damage occurs due to the Work, the Contractor shall replace same at his expense with same kind, quality, and size of Work or item damaged. This shall include any adjoining property of the District and others.

**6.14.17** Contractor shall take adequate precautions to protect existing roads, sidewalks, curbs, pavements, utilities, adjoining property, and structures (including, without limitation, protection from settlement or loss of lateral support), and to avoid damage thereto, and repair any damage thereto caused by construction operations.

**6.14.18** Contractor shall confine apparatus, the storage of materials, and the operations of workers to limits indicated by law, ordinances, permits, or directions of Architect, and shall not interfere with the Work or unreasonably encumber Premises or overload any structure with materials. Contractor shall enforce all instructions of District and Architect regarding signs, advertising, fires, and smoking, and require that all workers comply with all regulations while on Project Site.

**6.14.19** Contractor, Contractor's employees, Subcontractors, Subcontractors' employees, or any person associated with the Work shall conduct themselves in a manner appropriate for a school site. No verbal or physical contact with neighbors, students, and faculty, profanity, or inappropriate attire and/or logos, or behavior will be permitted. District may require Contractor to temporarily or permanently remove non-complying persons from Project Site.

**6.14.20** Contractor shall take care to prevent disturbing or covering any survey markers, monuments, or other devices marking property boundaries or corners. If such markers are disturbed, Contractor shall have a civil engineer, registered as a professional engineer in California, replace them at no cost to District.

**6.14.21** In the event that the Contractor enters into any agreement with owners of any adjacent property to enter upon the adjacent property for the purpose of performing the Work, Contractor shall fully indemnify, defend, and hold harmless each person, entity, firm, or agency that owns or has any interest in adjacent property. The form and content of the agreement of indemnification shall be approved by the District prior to the commencement of any Work on or about the adjacent property. The Contractor shall also indemnify the District as provided in the indemnification provision herein. These provisions shall be in addition to any other requirements of the owners of the adjacent property.

## **6.15 Working Evenings and Weekends**

Contractor may be required to work increased hours, evenings, and/or weekends at no additional cost to the District. Contractor shall give the District seventy-two (72) hours' notice prior to performing any evening and/or weekend work. Contractor shall perform all evening and/or weekend work only upon District's approval and in compliance with all applicable rules, regulations, laws, and local ordinances including, without limitation, all noise and light limitations. Contractor shall reimburse the District for any increased or additional Inspector charges as a result of Contractor's increased hours, or evening and/or weekend work.

## **6.16 Cleaning Up**

**6.16.1** The Contractor shall provide all services, labor, materials, and equipment necessary for protecting and securing the Work, all school occupants, furnishings, equipment, and building structure from damage until its completion and final acceptance by District. Dust barriers shall be provided to isolate dust and dirt from construction operations. At completion of the Work and portions thereof, Contractor shall clean to the original state any areas beyond the Work area that become dust

laden as a result of the Work. The Contractor must erect the necessary warning signs and barricades to ensure the safety of all school occupants. The Contractor at all times must maintain good housekeeping practices to reduce the risk of fire damage and must make a fire extinguisher, fire blanket, and/or fire watch, as applicable, available at each location where cutting, braising, soldering, and/or welding is being performed or where there is an increased risk of fire.

**6.16.2** Contractor at all times shall keep Premises, including property immediately adjacent thereto, free from debris such as waste, rubbish (including personal rubbish of workers, e.g., food wrappers, etc.), and excess materials and equipment caused by the Work. Contractor shall not leave debris under, in, or about the Premises (or surrounding property or neighborhood), but shall promptly remove same from the Premises on a daily basis. If Contractor fails to clean up, District may do so and the cost thereof shall be charged to Contractor. If Contract is for work on an existing facility, Contractor shall also perform specific clean-up on or about the Premises upon request by the District as it deems necessary for continued operations. Contractor shall comply with all related provisions of the Specifications.

**6.16.3** If the Construction Manager, Architect, or District observes the accumulation of trash and debris, the District will give the Contractor a 24-hour written notice to mitigate the condition.

**6.16.4** Should the Contractor fail to perform the required clean-up, or should the clean-up be deemed unsatisfactory by the District, the District may, at its sole discretion, then perform the clean-up. All cost associated with the clean-up work (including all travel, payroll burden, and costs for supervision) will be deducted from the Contract Price.

## **6.17 No Relief from Obligations Based on Review by Other Persons**

**6.17.1** Contractor shall not be relieved of obligations to perform the Work in accordance with the Contract Documents by act or omission of the District, Architect, Construction Manager, Project Inspector, or DSA or other entities having jurisdiction including, but not limited to, administration of the Contract, review of submittals, or by tests, observation, inspection, or permit/interconnection approvals.

## **7. SUBCONTRACTORS**

**7.1** Contractor shall provide the District with information for all Subcontracts as indicated in the Contractor's Submittals and Schedules Section herein.

**7.2** No contractual relationship exists between the District and any Subcontractor, supplier, or sub-subcontractor by reason of this Contract.

**7.3** Contractor agrees to bind every Subcontractor by terms of this Contract as far as those terms that are applicable to Subcontractor's work including, without limitation, all labor, wage & hour, apprentice and related provisions and requirements. If Contractor shall subcontract any part of this Contract, Contractor shall be as fully responsible to District for acts and omissions of any Subcontractor and of persons either directly or indirectly employed by any Subcontractor, including Subcontractor caused Project delays, as it is for acts and omissions of persons directly employed by Contractor. The divisions or sections of the Specifications and/or the arrangement of the drawings are not intended



to control the Contractor in dividing the Work among Subcontractors or limit the work performed by any trade.

**7.4** District's consent to, or approval of, or failure to object to, any Subcontractor under this Contract shall not in any way relieve Contractor of any obligations under this Contract and no such consent shall be deemed to waive any provisions of this Contract.

**7.5** Contractor is directed to familiarize itself with sections 4100 through 4114 of the Public Contract Code of the State of California, as regards subletting and subcontracting, and to comply with all applicable requirements therein. In addition, Contractor is directed to familiarize itself with sections 1720 through 1861 of the Labor Code of the State of California, as regards the payment of prevailing wages and related issues, and to comply with all applicable requirements therein including, without limitation, section 1775 and the Contractor's and Subcontractors' obligations and liability for violations of prevailing wage law and other applicable laws.

**7.6** No Contractor whose Bid is accepted shall, without consent of the awarding authority and in full compliance with section 4100 et seq. of the Public Contract Code, including, without limitation, sections 4107, 4107.5, and 4109 of the Public Contract Code, and section 1771.1 of the Labor Code, either:

**7.6.1** Substitute any person as a Subcontractor in place of the Subcontractor designated in the original Bid; or

**7.6.2** Permit any Subcontract to be assigned or transferred, or allow any portion of the Work to be performed by anyone other than the original Subcontractor listed in the Bid; or

**7.6.3** Sublet or subcontract any portion of the Work in excess of one-half of one percent (0.5%) of the Contractor's total bid as to which his original bid did not designate a Subcontractor.

**7.7** The Contractor shall be responsible for the coordination of the trades, Subcontractors, sub-subcontractors, and material or equipment suppliers working on the Project.

**7.7.1** If the Contract is valued at \$1 million or more and uses, or plans to use, state bond funds, then Contractor is responsible for ensuring that first tier Subcontractors holding C-4, C-7, C-10, C-16, C-20, C-34, C-36, C-38, C-42, C-43, and/or C-46 licenses are prequalified by the District to work on the Project pursuant to Public Contract Code section 20111.6.

**7.7.2** Contractor is responsible for ensuring that all Subcontractors are properly registered as public works contractors by the Department of Industrial Relations.

**7.8** Contractor is solely responsible for settling any differences between the Contractor and its Subcontractor(s) or between Subcontractors.

**7.9** Contractor must include in all of its subcontracts the assignment provisions as indicated in the Termination section of these General Conditions.

## **8. OTHER CONTRACTS/CONTRACTORS**

**8.1** District reserves the right to let other contracts, and/or to perform work with its own forces, in connection with the Project. Contractor shall afford other contractors reasonable opportunity for introduction and storage of their materials and execution of their work and shall properly coordinate and connect Contractor's Work with the work of other contractors.

**8.2** In addition to Contractor's obligation to protect its own Work, Contractor shall protect the work of any other contractor that Contractor encounters while working on the Project.

**8.3** If any part of Contractor's Work depends for proper execution or results upon work of District or any other contractor, the Contractor shall inspect and, before proceeding with its Work, promptly report to the District in writing any defects in District's or any other contractor's work that render Contractor's Work unsuitable for proper execution and results. Contractor shall be held accountable for damages to District for District's or any other contractor's work that Contractor failed to inspect or should have inspected. Contractor's failure to inspect and report shall constitute Contractor's acceptance of all District's or any other contractor's work as fit and proper for reception of Contractor's Work, except as to defects that may develop in District's or any other contractor's work after execution of Contractor's Work and not caused by execution of Contractor's Work.

**8.4** To ensure proper execution of its subsequent work, Contractor shall measure and inspect work already in place and shall at once report to the District in writing any discrepancy between that executed work and the Contract Documents.

**8.5** Contractor shall ascertain to its own satisfaction the scope of the Project and nature of District's or any other contracts that have been or may be awarded by District in prosecution of the Project to the end that Contractor may perform this Contract in light of the other contracts, if any.

**8.6** Nothing herein contained shall be interpreted as granting to Contractor exclusive occupancy of the Site, the Premises, or of the Project. Contractor shall not cause any unnecessary hindrance or delay to the use and/or operation(s) of the Premises and/or to District or any other contractor working on the Project. If simultaneous execution of any contract or Premises operation is likely to cause interference with performance of Contractor's Contract, Contractor shall coordinate with those contractor(s), person(s), and/or entity(s) and shall notify the District of the resolution.

## **9. DRAWINGS AND SPECIFICATIONS**

**9.1** A complete list of all Drawings that form a part of the Contract is to be found as an index on the Drawings themselves, and/or may be provided to the Contractor and/or in the Table of Contents.

**9.2** Materials or Work described in words that so applied have a well-known technical or trade meaning shall be deemed to refer to recognized standards, unless noted otherwise.

**9.3 Trade Name or Trade Term.** It is not the intention of this Contract to go into detailed descriptions of any materials and/or methods commonly known to the trade under

"trade name" or "trade term." The mere mention or notation of "trade name" or "trade term" shall be considered a sufficient notice to Contractor that it will be required to complete the work so named, complete, finished, and operable, with all its appurtenances, according to the best practices of the trade.

**9.4** The naming of any material and/or equipment shall mean furnishing and installing of same, including all incidental and accessory items thereto and/or labor therefor, as per best practices of the trade(s) involved, unless specifically noted otherwise.

**9.5** Contract Documents are complementary, and what is called for by one shall be binding as if called for by all. As such, Drawings and Specifications are intended to be fully cooperative and to agree. However, if Contractor observes that Drawings and Specifications are in conflict with the Contract Documents, Contractor shall promptly notify District and Architect in writing, and any necessary changes shall be made as provided in the Contract Documents.

**9.6** In the case of discrepancy or ambiguity in the Contract Documents, the order of precedence in the Agreement shall prevail. However, in the case of discrepancy or ambiguity solely between and among the Drawings and Specifications, the discrepancy or ambiguity shall be resolved in favor of the interpretation that will provide District with the functionally complete and operable Project described in the Drawings and Specifications. In case of ambiguity, conflict, or lack of information, District will furnish clarifications with reasonable promptness.

**9.7** Drawings and Specifications are intended to comply with all laws, ordinances, rules, and regulations of constituted authorities having jurisdiction, and where referred to in the Contract Documents, the laws, ordinances, rules, and regulations shall be considered as a part of the Contract within the limits specified. Contractor shall bear all expense of correcting work done contrary to said laws, ordinances, rules, and regulations.

**9.8** As required by Section 4-317(c), Part 1, Title 24, CCR: "Should any existing conditions such as deterioration or non-complying construction be discovered which is not covered by the DSA-approved documents wherein the finished work will not comply with Title 24, California Code of Regulations, a construction change document, or a separate set of plans and specifications, detailing and specifying the required repair work shall be submitted to and approved by DSA before proceeding with the repair work."

#### **9.9 Ownership of Drawings**

All copies of Plans, Drawings, Designs, Specifications, and copies of other incidental architectural and engineering work, or copies of other Contract Documents furnished by District, are the property of District. They are not to be used by Contractor in other work and, with the exception of signed sets of Contract Documents, are to be returned to District on request at completion of Work, or may be used by District as it may require without any additional costs to District. Neither the Contractor nor any Subcontractor, or material or equipment supplier shall own or claim a copyright in the Drawings, Specifications, and other documents prepared by the Architect. District hereby grants the Contractor, Subcontractors, sub-subcontractors, and material or equipment suppliers a limited license to use applicable portions of the Drawings prepared for the Project in the execution of their Work under the Contract Documents.

## **10. CONTRACTOR'S SUBMITTALS AND SCHEDULES**

Contractor's submittals shall comply with the provisions and requirements of the Specifications including, without limitation, Submittals.

### **10.1 Schedule of Work, Schedule of Submittals, and Schedule of Values**

**10.1.1** Within **TEN (10)** calendar days after the date of the Notice to Proceed (unless otherwise specified in the Specifications), the Contractor shall prepare and submit to the District for review, in a form supported by sufficient data to substantiate its accuracy as the District may require:

**10.1.1.1** Preliminary Schedule. A preliminary schedule of construction indicating the starting and completion dates of the various stages of the Work, including any information, and following any form as may be specified in the Specifications. Once approved by District, this shall become the Construction Schedule. This schedule shall include and identify all tasks that are on the Project's critical path with a specific determination of the start and completion of each critical path task as well as all Contract milestones and each milestone's completion date(s) as may be required by the District.

**10.1.1.1.1** The District is not required to approve a preliminary schedule of construction with early completion, i.e., one that shows early completion dates for the Work and/or milestones. Contractor shall not be entitled to extra compensation if the District approves a Construction Schedule with an early completion date and Contractor completes the Project beyond the date shown in the schedule but within the Contract Time. A Construction Schedule showing the Work completed in less than the Contract Time, the time between the early completion date and the end of the Contract Time shall be Float.

**10.1.1.2** Preliminary Schedule of Values. A preliminary schedule of values for all of the Work, which must include quantities and prices of items aggregating the Contract Price and must subdivide the Work into component parts in sufficient detail to serve as the basis for progress payments during construction. Unless the Special Conditions contain different limits, this preliminary schedule of values shall include, at a minimum, the following information, and the following structure:

**10.1.1.2.1** Divided into at least the following categories:

- 10.1.1.2.1.1** Overhead and profit;
- 10.1.1.2.1.2** Supervision;
- 10.1.1.2.1.3** General conditions;
- 10.1.1.2.1.4** Layout;
- 10.1.1.2.1.5** Mobilization;
- 10.1.1.2.1.6** Submittals;
- 10.1.1.2.1.7** Bonds and insurance;
- 10.1.1.2.1.8** Close-out/Certification documentation;
- 10.1.1.2.1.9** Demolition;
- 10.1.1.2.1.10** Installation;
- 10.1.1.2.1.11** Rough-in;
- 10.1.1.2.1.12** Finishes;
- 10.1.1.2.1.13** Testing;
- 10.1.1.2.1.14** Punchlist and District acceptance.

**10.1.1.2.2** And also divided by each of the following areas:

- 10.1.1.2.2.1** Site work;
- 10.1.1.2.2.2** By each building;
- 10.1.1.2.2.3** By each floor.

**10.1.1.2.3** The preliminary schedule of values shall not provide for values any greater than the following percentages of the Contract value:

- 10.1.1.2.3.1** Mobilization and layout combined to equal not more than 1%;
- 10.1.1.2.3.2** Submittals, samples, and shop drawings combined to equal not more than 3%;
- 10.1.1.2.3.3** Bonds and insurance combined to equal not more than 2%.
- 10.1.1.2.3.4** Closeout documentation shall have a value in the preliminary schedule of not less than 5%.

**10.1.1.2.4** Notwithstanding any provision of the Contract Documents to the contrary, payment of the Contractor's overhead, supervision, general conditions costs, and profit, as reflected in the Cost Breakdown, shall be paid based on percentage complete, with the disbursement of Progress Payments and the Final Payment.

**10.1.1.2.5** Contractor shall certify that the preliminary schedule of values as submitted to the District is accurate and reflects the costs as developed in preparing Contractor's bid. For example, without limiting the foregoing, Contractor shall not "front-load" the preliminary schedule of values with dollar amounts greater than the value of activities performed early in the Project.

**10.1.1.2.6** The preliminary schedule of values shall be subject to the District's review and approval of the form and content thereof. In the event that the District objects to any portion of the preliminary schedule of values, the District shall notify the Contractor, in writing, of the District's objection(s) to the preliminary schedule of values. Within five (5) calendar days of the date of the District's written objection(s), Contractor shall submit a revised preliminary schedule of values to the District for review and approval. The foregoing procedure for the preparation, review and approval of the preliminary schedule of values shall continue until the District has approved the entirety of the preliminary schedule of values.

**10.1.1.2.7** Once the preliminary schedule of values is approved by the District, this shall become the Schedule of Values. The Schedule of Values shall not be thereafter modified or amended by the Contractor without the prior consent and approval of the District, which may be granted or withheld in the sole discretion of the District.

**10.1.1.3 Preliminary Schedule of Submittals.** A preliminary schedule of submittals, including Shop Drawings, Product Data, and Samples submittals. Once approved by District, this shall become the Submittal Schedule. All submittals shall be forwarded to the District by the date indicated on the approved Submittal Schedule, unless an earlier date is necessary to maintain the Construction Schedule, in which case those submittals shall be forwarded to the District so as

not to delay the Construction Schedule. Upon request by the District, Contractor shall provide an electronic copy of all submittals to the District. All submittals shall be submitted no later than 90 days after the Notice to Proceed.

**10.1.1.4 Safety Plan.** Contractor's Safety Plan specifically adapted for the Project. Contractor's Safety Plan shall comply with the following requirements:

**10.1.1.4.1** All applicable requirements of California Division of Occupational Safety and Health ("CalOSHA") and/or of the United States Occupational Safety and Health Administration ("OSHA").

**10.1.1.4.2** All provisions regarding Project safety, including all applicable provisions in these General Conditions.

**10.1.1.4.3** Contractor's Safety Plan shall be in English and in the language(s) of the Contractor's and its Subcontractors' employees.

**10.1.1.5 Complete Registered Subcontractors List.** The name, address, telephone number, facsimile number, California State Contractors License number, classification, DIR registration number and monetary value of all Subcontracts of any tier for parties furnishing labor, material, or equipment for completion of the Project.

**10.1.2** Contractor must provide all schedules both in hard copy and electronically, in a format (e.g., Microsoft Project or Primavera) approved in advance by the District.

**10.1.3** The District will review the schedules submitted and the Contractor shall make changes and corrections in the schedules as requested by the District and resubmit the schedules until approved by the District.

**10.1.4** The District shall have the right at any time to revise the schedule of values if, in the District's sole opinion, the schedule of values does not accurately reflect the value of the Work performed.

**10.1.5** All schedules must be approved by the District before Contractor can rely on them as a basis for payment.

## **10.2 Monthly Progress Schedule(s)**

**10.2.1** Contractor shall provide Monthly Progress Schedule(s) to the District. A Monthly Progress Schedule shall update the approved Construction Schedule or the last Monthly Progress Schedule, showing all work completed and to be completed as well as updating the Registered Subcontractors List. The monthly Progress Schedule shall be sent within the timeframe requested by the District and shall be in a format acceptable to the District and contain a written narrative of the progress of work that month and any changes, delays, or events that may affect the work. The process for District approval of the Monthly Progress Schedule shall be the same as the process for approval of the Construction Schedule.

**10.2.2** Contractor shall submit Monthly Progress Schedule(s) with all payment applications.

**10.2.3** Contractor must provide all schedules both in hard copy and electronically, in a format (e.g., Microsoft Project or Primavera) approved in advance by the District.

**10.2.4** The District will review the schedules submitted and the Contractor shall make changes and corrections in the schedules as requested by the District and resubmit the schedules until approved by the District.

**10.2.5** The District shall have the right at any time to revise the schedule of values if, in the District's sole opinion, the schedule of values does not accurately reflect the value of the Work performed.

**10.2.6** All schedules must be approved by the District before Contractor can rely on them as a basis for payment.

### **10.3 Material Safety Data Sheets (MSDS)**

Contractor is required to ensure Material Safety Data Sheets are available in a readily accessible place at the Site for any material requiring a Material Safety Data Sheet per the federal "Hazard Communication" standard, or employees' "right to know" law. The Contractor is also required to ensure proper labeling on substances brought onto the job site and that any person working with the material or within the general area of the material is informed of the hazards of the substance and follows proper handling and protection procedures. Two additional copies of the Material Safety Data Sheets shall also be submitted directly to the District.

### **10.4 Submittals**

**10.4.1** Architect's favorable review shall neither be construed as a complete check nor relieve the Contractor, Subcontractor, manufacturer, fabricator, or supplier from responsibility for any deficiency that may exist or from any departures or deviations from the requirements of the Contract Documents unless the Contractor has, in writing, called Architect's attention to the deviations at the time of submission and the Architect has given specific written response. "Favorable review" shall mean merely that Architect has no objection to Contractor using, upon Contractor's own full responsibility, plan or method of Work proposed, or furnishing materials or equipment proposed.

## **11. SITE ACCESS, CONDITIONS, AND REQUIREMENTS**

### **11.1 Site Investigation**

Before bidding on this Work, Contractor shall make a careful investigation of the Site and thoroughly familiarize itself with the requirements of the Contract. By the act of submitting a bid for the Work included in this Contract, Contractor shall be deemed to have made a complete study and investigation, and to be familiar with and accepted the existing conditions of the Site.

Prior to commencing the Work, Contractor and the District's representative shall survey the Site to document the condition of the Site. Contractor will record the survey in digital videotape format and provide an electronic copy to the District within fourteen (14) days of the survey. This electronic record shall serve as a basis for determining any damages caused by the Contractor during the Project. The Contractor may also document any pre-

existing conditions in writing, provided that both the Contractor and the District's representative agree on said conditions and sign a memorandum documenting the same.

## **11.2 Soils Investigation Report**

**11.2.1** When a soils investigation report obtained from test holes at Site or for the Project is available, that report may be available to the Contractor but shall not be a part of this Contract and shall not alleviate or excuse the Contractor's obligation to perform its own investigation. Any information obtained from that report, or any information given on Drawings as to subsurface soil condition or to elevations of existing grades or elevations of underlying rock is approximate only, is not guaranteed, does not form a part of this Contract, and Contractor may not rely thereon. By submitting its bid, Contractor acknowledges that it has made visual examination of Site and has made whatever tests Contractor deems appropriate to determine underground condition of soil. Although any such report is not a part of this Contract, recommendations from the report may be included in the Drawings, Specifications, or other Contract Documents. It is Contractor's sole responsibility to thoroughly review all Contract Documents, Drawings, and Specifications.

**11.2.2** Contractor agrees that no claim against District will be made by Contractor for damages and hereby waives any rights to damages if, during progress of Work, Contractor encounters subsurface or latent conditions at Site materially differing from those shown on Drawings or indicated in Specifications, or for unknown conditions of an unusual nature that differ materially from those ordinarily encountered in the work of the character provided for in Plans and Specifications, except as indicated in the provisions of these General Conditions regarding trenches, trenching, and/or existing utility lines.

## **11.3 Access to Work**

District and its representatives shall at all times have access to Work wherever it is in preparation or progress, including storage and fabrication. Contractor shall provide safe and proper facilities for such access so that District's representatives may perform their functions.

## **11.4 Layout and Field Engineering**

**11.4.1** All field engineering required for layout of this Work and establishing grades for earthwork operations shall be furnished by Contractor at its expense. This Work shall be done by a qualified, California-registered civil engineer approved in writing by District and Architect. Any required Record and/or As-Built Drawings of Site development shall be prepared by the approved civil engineer.

**11.4.2** The Contractor shall be responsible for having ascertained pertinent local conditions such as location, accessibility, and general character of the Site and for having satisfied itself as to the conditions under which the Work is to be performed. Contractor shall follow best practices, including but not limited to potholing to avoid utilities. District shall not be liable for any claim for allowances because of Contractor's error, failure to follow best practices, or negligence in acquainting itself with the conditions at the Site.

**11.4.3** Contractor shall protect and preserve established benchmarks and monuments and shall make no changes in locations without the prior written approval



of District. Contractor shall replace any benchmarks or monuments that are lost or destroyed subsequent to proper notification of District and with District's approval.

### **11.5 Utilities**

Utilities shall be provided as indicated in the Specifications.

### **11.6 Sanitary Facilities**

Sanitary facilities shall be provided as indicated in the Specifications.

### **11.7 Surveys**

Contractor shall provide surveys done by a California-licensed civil engineer surveyor to determine locations of construction, grading, and site work as required to perform the Work.

### **11.8 Regional Notification Center**

The Contractor, except in an emergency, shall contact the appropriate regional notification center at least two (2) days prior to commencing any excavation if the excavation will be conducted in an area or in a private easement that is known, or reasonably should be known, to contain subsurface installations other than the underground facilities owned or operated by the District, and obtain an inquiry identification number from that notification center. No excavation shall be commenced and/or carried out by the Contractor unless an inquiry identification number has been assigned to the Contractor or any Subcontractor and the Contractor has given the District the identification number. Any damages arising from Contractor's failure to make appropriate notification shall be at the sole risk and expense of the Contractor. Any delays caused by failure to make appropriate notification shall be at the sole risk of the Contractor and shall not be considered for an extension of the Contract Time.

### **11.9 Existing Utility Lines**

**11.9.1** Pursuant to Government Code section 4215, District assumes the responsibility for removal, relocation, and protection of main or trunk utility lines and facilities located on the construction Site at the time of commencement of construction under this Contract with respect to any such utility facilities that are not identified in the Plans and Specifications. Contractor shall not be assessed for liquidated damages for delay in completion of the Project caused by failure of District or the owner of a utility to provide for removal or relocation of such utility facilities.

**11.9.2** Locations of existing utilities provided by District shall not be considered exact, but approximate within a reasonable margin and shall not relieve Contractor of responsibilities to exercise reasonable care or costs of repair due to Contractor's failure to do so. District shall compensate Contractor for the costs of locating, repairing damage not due to the failure of Contractor to exercise reasonable care, and removing or relocating such utility facilities not indicated in the Plans and Specifications with reasonable accuracy, and for equipment necessarily idle during such work.

**11.9.3** No provision herein shall be construed to preclude assessment against Contractor for any other delays in completion of the Work. Nothing in this Article shall be deemed to require District to indicate the presence of existing service laterals,

appurtenances, or other utility lines, within the exception of main or trunk utility lines or whenever the presence of these utilities on the Site of the construction Project can be inferred from the presence of other visible facilities, such as buildings, meter junction boxes, on or adjacent to the Site of the construction.

**11.9.4** If Contractor, while performing Work under this Contract, discovers utility facilities not identified by District in Contract Plans and Specifications, Contractor shall immediately notify the District and the utility in writing. The cost of repair for damage to above-mentioned visible facilities without prior written notification to the District shall be borne by the Contractor.

#### **11.10 Notification**

Contractor understands, acknowledges, and agrees that the purpose for prompt notification to the District pursuant to these provisions is to allow the District to investigate the condition(s) so that the District shall have the opportunity to decide how the District desires to proceed as a result of the condition(s). Accordingly, failure of Contractor to promptly notify the District in writing, pursuant to these provisions, shall constitute Contractor's waiver of any claim for damages or delay incurred as a result of the condition(s).

#### **11.11 Hazardous Materials**

Contractor shall comply with all provisions and requirements of the Contract Documents related to hazardous materials including, without limitation, Hazardous Materials Procedures and Requirements.

#### **11.12 No Signs**

Neither the Contractor nor any other person or entity shall display any signs not required by law or the Contract Documents at the Site, fences trailers, offices, or elsewhere on the Site without specific prior written approval of the District.

### **12. TRENCHES**

#### **12.1 Trenches Greater Than Five Feet**

Pursuant to Labor Code section 6705, if the Contract Price exceeds \$25,000 and involves the excavation of any trench or trenches five (5) feet or more in depth, the Contractor shall, in advance of excavation, promptly submit to the District and/or a registered civil or structural engineer employed by the District or Architect, a detailed plan, stamped by a licensed engineer retained by the Contractor, showing the design of shoring for protection from the hazard of caving ground during the excavation of such trench or trenches.

#### **12.2 Excavation Safety**

If such plan varies from the Shoring System Standards established by the Construction Safety Orders, the plan shall be prepared by a registered civil or structural engineer, but in no case shall such plan be less effective than that required by the Construction Safety Orders. No excavation of such trench or trenches shall be commenced until said plan has been accepted by the District or by the person to whom authority to accept has been delegated by the District.

**12.3 No Tort Liability of District**

Pursuant to Labor Code section 6705, nothing in this Article shall impose tort liability upon the District or any of its employees.

**12.4 No Excavation without Permits**

The Contractor shall not commence any excavation Work until it has secured all necessary permits including the required CalOSHA excavation/shoring permit. Any permits shall be prominently displayed on the Site prior to the commencement of any excavation.

**12.5 Discovery of Hazardous Waste and/or Unusual Conditions**

**12.5.1** Pursuant to Public Contract Code section 7104, if the Work involves digging trenches or other excavations that extend deeper than four feet below the Surface, the Contractor shall promptly, and before the following conditions are disturbed, notify the District, in writing, of any:

**12.5.1.1** Material that the Contractor believes may be material that is hazardous waste, as defined in section 25117 of the Health and Safety Code, is required to be removed to a Class I, Class II, or Class III disposal site in accordance with provisions of existing law.

**12.5.1.2** Subsurface or latent physical conditions at the Site differing from those indicated.

**12.5.1.3** Unknown physical conditions at the Site of any unusual nature, different materially from those ordinarily encountered and generally recognized as inherent in work of the character provided for in the Contract.

**12.5.2** The District shall promptly investigate the conditions, and if it finds that the conditions do materially so differ, or do involve hazardous waste, and cause a decrease or increase in the Contractor's cost of, or the time required for, performance of any part of the Work, shall issue a Change Order under the procedures described herein.

**12.5.3** In the event that a dispute arises between District and the Contractor whether the conditions materially differ, or involve hazardous waste, or cause a decrease or increase in the Contractor's cost of, or time required for, performance of any part of the Work, the Contractor shall not be excused from any scheduled completion date provided for by the Contract, but shall proceed with all work to be performed under the Contract. The Contractor shall retain any and all rights provided either by Contract or by law that pertain to the resolution of disputes and protests.

**13. INSURANCE AND BONDS**

**13.1 Insurance**

Unless different provisions and/or limits are indicated in the Special Conditions, all insurance required of Contractor and/or its Subcontractor(s) shall be at least as broad as the amounts and include the provisions set forth herein.

**13.1.1 Commercial General Liability and Automobile Liability Insurance**

**13.1.1.1** Contractor shall procure and maintain, during the life of this Contract, Commercial General Liability Insurance and Automobile Liability Insurance that shall protect Contractor, District, State, Construction Manager(s), Project Inspector(s), and Architect(s) from all claims for bodily injury, property damage, personal injury, death, advertising injury, and medical payments arising from, or in connection with, operations under this Contract. This coverage shall be provided in a form at least as broad as Insurance Services (ISO) Form CG 0001 11188. Contractor shall ensure that Products Liability and Completed Operations coverage, Fire Damage Liability coverage, and Automobile Liability Insurance coverage including owned, non-owned, and hired automobiles, are included within the above policies and at the required limits, or Contractor shall procure and maintain these coverages separately.

**13.1.1.2** Contractor's deductible or self-insured retention for its Commercial General Liability Insurance policy shall not exceed \$25,000 unless approved in writing by District.

**13.1.1.3** All such policies shall be written on an occurrence form.

**13.1.2 Excess Liability Insurance**

**13.1.2.1** If Contractor's underlying policy limits are less than required, subject to the District's sole discretion, Contractor may procure and maintain, during the life of this Contract, an Excess Liability Insurance Policy to meet the policy limit requirements of the required policies in order to satisfy, in the aggregate with its underlying policy, the insurance requirements herein..

**13.1.2.2** There shall be no gap between the per occurrence amount of any underlying policy and the start of the coverage under the Excess Liability Insurance Policy. Any Excess Liability Insurance Policy shall be written on a following form and shall protect Contractor, District, State, Construction Manager(s), Project Manager(s), and Architect(s) in amounts and including the provisions as set forth in the Supplementary Conditions (if any) and/or Special Conditions, and that complies with all requirements for Commercial General Liability and Automobile Liability and Employers' Liability Insurance.

**13.1.2.3** The District, in its sole discretion, may accept the Excess Liability Insurance Policy that brings Contractor's primary limits to the minimum requirements herein.

**13.1.3 Subcontractor(s):** Contractor shall require its Subcontractor(s), if any, to procure and maintain Commercial General Liability Insurance, Automobile Liability Insurance, and Excess Liability Insurance (if Subcontractor elects to satisfy, in part the insurance required herein by procuring and maintaining an Excess Liability Insurance Policy) with forms of coverage and limits equal to the amounts required of the Contractor.

#### **13.1.4 Workers' Compensation and Employers' Liability Insurance**

**13.1.4.1** In accordance with provisions of section 3700 of the California Labor Code, the Contractor and every Subcontractor shall be required to secure the payment of compensation to its employees.

**13.1.4.2** Contractor shall procure and maintain, during the life of this Contract, Workers' Compensation Insurance and Employers' Liability Insurance for all of its employees engaged in work under this Contract, on/or at the Site of the Project. This coverage shall cover, at a minimum, medical and surgical treatment, disability benefits, rehabilitation therapy, and survivors' death benefits. Contractor shall require its Subcontractor(s), if any, to procure and maintain Workers' Compensation Insurance and Employers' Liability Insurance for all employees of Subcontractor(s). Any class of employee or employees not covered by a Subcontractor's insurance shall be covered by Contractor's insurance. If any class of employee or employee engaged in Work under this Contract, on or at the Site of the Project, is not protected under the Workers' Compensation Insurance, Contractor shall provide, or shall cause a Subcontractor to provide, adequate insurance coverage for the protection of any employee(s) not otherwise protected before any of those employee(s) commence work.

#### **13.1.5 Builder's Risk Insurance: Builder's Risk "All Risk" Insurance**

**13.1.5.1** Not Applicable.

#### **13.1.6 Pollution Liability Insurance**

**13.1.6.1** Not Applicable.

#### **13.1.7 Proof of Insurance and Other Requirements: Endorsements and Certificates**

**13.1.7.1** Contractor shall not commence Work nor shall it allow any Subcontractor to commence Work under this Contract, until Contractor and its Subcontractor(s) have procured all required insurance and Contractor has delivered in duplicate to the District complete endorsements (or entire insurance policies) and certificates indicating the required coverages have been obtained, and the District has approved these documents.

**13.1.7.2** Endorsements, certificates, and insurance policies shall include the following:

**13.1.7.2.1** A clause stating the following, or other language acceptable to the District:

"This policy shall not be canceled until written notice to District, Architect, and Construction Manager stating date of the cancellation by the insurance carrier. Date of cancellation may not be less than thirty (30) days after date of mailing notice."

**13.1.7.2.2** Language stating in particular those insured, extent of insurance, location and operation to which insurance applies, expiration date, to whom cancellation and reduction notice will be sent, and length of notice period.

**13.1.7.2.3** All endorsements, certificates and insurance policies shall state that District, its trustees, employees and agents, the State of California, Construction Manager(s), Project Manager(s), Inspector(s), and Architect(s) are named additional insureds under all policies except Workers' Compensation Insurance and Employers' Liability Insurance.

**13.1.7.2.4** All endorsements shall waive any right to subrogation against any of the named additional insureds.

**13.1.7.2.5** Contractor's and Subcontractors' insurance policy(s) shall be primary and non-contributory to any insurance or self-insurance maintained by District, its trustees, employees and/or agents, the State of California, Construction Manager(s), Project Manager(s), Inspector(s), and/or Architect(s).

**13.1.7.2.6** Contractor's insurance limit shall apply separately to each insured against whom a claim is made or suit is brought.

**13.1.7.3** No policy shall be amended, canceled, or modified, and the coverage amounts shall not be reduced, until Contractor or Contractor's broker has provided written notice to District, Architect(s), and Construction Manager(s) stating date of the amendment, modification, cancellation or reduction, and a description of the change. Date of amendment, modification, cancellation, or reduction may not be less than thirty (30) days after date of mailing notice.

**13.1.7.4** Insurance written on a "claims made" basis shall be retroactive to a date that coincides with or precedes Contractor's commencement of Work, including subsequent policies purchased as renewals or replacements. Said policy is to be renewed by the Contractor and all Subcontractors for a period of five (5) years following completion of the Work or termination of this Agreement. Such insurance must have the same coverage and limits as the policy that was in effect during the term of this Agreement, and will cover the Contractor and all Subcontractors for all claims made.

**13.1.7.5** Unless otherwise stated in the Special Conditions, all of Contractor's insurance shall be with insurance companies with an A.M. Best rating of no less than **A: VII**.

**13.1.7.6** The insurance requirements set forth herein shall in no way limit the Contractor's liability arising out of or relating to the performance of the Work or related activities.

**13.1.7.7** Failure of Contractor and/or its Subcontractor(s) to comply with the insurance requirements herein shall be deemed a material breach of the Contract.

### **13.1.8 Insurance Policy Limits**

**13.1.8.1** Unless different limits are indicated in the Special Conditions, the limits of insurance shall not be less than the following amounts:

<b>Commercial General Liability</b>	Product Liability and Completed Operations, Fire Damage Liability – Split Limit	\$2,000,000 per occurrence; \$4,000,000 aggregate
<b>Automobile Liability</b>	Any Auto – Combined Single Limit	\$1,000,000
<b>Workers' Compensation</b>		Statutory limits pursuant to State law
<b>Employers' Liability</b>		\$1,000,000
<b>Builder's Risk (Course of Construction)</b>	N/A	N/A
<b>Pollution Liability</b>	N/A	N/A

**13.1.8.2** If Contractor normally carries insurance in an amount greater than the minimum amounts required by District, that greater amount shall become the minimum required amount of insurance for purposes of the Contract. Therefore, Contractor hereby acknowledges and agrees that all insurance carried by it shall be deemed liability coverage for all actions it performs in connection with the Contract.

### **13.2 Contract Security - Bonds**

**13.2.1** Contractor shall furnish two surety bonds issued by a California admitted surety insurer as follows:

**13.2.1.1** Performance Bond: A bond in an amount at least equal to one hundred percent (100%) of Contract Price as security for faithful performance of this Contract.

**13.2.1.2** Payment Bond: A bond in an amount at least equal to one hundred percent (100%) of the Contract Price as security for payment of persons performing labor and/or furnishing materials in connection with this Contract.

**13.2.2** Cost of bonds shall be included in the Bid and Contract Price.

**13.2.3** All bonds related to this Project shall be in the forms set forth in these Contract Documents and shall comply with all requirements of the Contract Documents, including, without limitation, the bond forms.

## **14. WARRANTY/GUARANTEE/INDEMNITY**

### **14.1 Warranty/Guarantee**

**14.1.1** The Contractor shall obtain and preserve for the benefit of the District, manufacturer's warranties on materials, fixtures, and equipment incorporated into the Work.

**14.1.2** In addition to guarantees required elsewhere, Contractor shall, and hereby does guarantee and warrant all Work furnished on the job against all defects for a period of **ONE (1)** year after the later of the following dates, unless a longer period is provided for in the Contract Documents:

**14.1.2.1** The acceptance by the District's governing board of the Work, subject to these General Conditions, or

**14.1.2.2** The date that commissioning for the Project, if any, was completed.

At the District's sole option, Contractor shall repair or replace any and all of that Work, together with any other Work that may be displaced in so doing, that may prove defective in workmanship and/or materials within a **ONE (1)** year period from date of completion as defined above, unless a longer period is provided for in the Contract Documents, without expense whatsoever to District. In the event of failure of Contractor and/or Surety to commence and pursue with diligence said replacements or repairs within ten (10) days after being notified in writing, Contractor and Surety hereby acknowledge and agree that District is authorized to proceed to have defects repaired and made good at expense of Contractor and/or Surety who hereby agree to pay costs and charges therefore immediately on demand.

**14.1.3** If, in the opinion of District, defective work creates a dangerous condition or requires immediate correction or attention to prevent further loss to District or to prevent interruption of District operations, District will attempt to give the notice required above. If Contractor or Surety cannot be contacted or neither complies with District's request for correction within a reasonable time as determined by District, District may, notwithstanding the above provision, proceed to make any and all corrections and/or provide attentions the District believes are necessary. The costs of correction or attention shall be charged against Contractor and Surety of the guarantees provided in this Article or elsewhere in this Contract.

**14.1.4** The above provisions do not in any way limit the guarantees on any items for which a longer guarantee is specified or on any items for which a manufacturer gives a guarantee for a longer period. Contractor shall furnish to District all appropriate guarantee or warranty certificates as indicated in the Specifications or upon request by District.

**14.1.5** Nothing herein shall limit any other rights or remedies available to District.

### **14.2 Indemnity and Defense**

**14.2.1** To the furthest extent permitted by California law, the Contractor shall indemnify, keep and hold harmless the District, the Architect(s), and the Construction Manager(s), their respective consultants, separate contractors, board members, officers, representatives, agents, and employees, in both individual and official



capacities ("Indemnitees"), against all suits, claims, injury, damages, losses, and expenses ("Claims"), including but not limited to attorney's fees, caused by, arising out of, resulting from, or incidental to, in whole or in part, the performance of the Work under this Contract by the Contractor, its Subcontractors, vendors, or suppliers. However, the Contractor's indemnification and hold harmless obligation shall be reduced by the proportion of the Indemnitees' and/or Architect's liability to the extent the Claim(s) is/are caused by the sole negligence, active negligence, or willful misconduct of the Indemnitees, and/or defects in design furnished by the Architect, as found by a court or arbitrator of competent jurisdiction. This indemnification and hold harmless obligation of the Contractor shall not be construed to negate, abridge, or otherwise reduce any right or obligation of indemnity that would otherwise exist or arise as to any Indemnitee or other person described herein. This indemnification and hold harmless obligation includes, but is not limited to, any failure or alleged failure by Contractor to comply with any provision of law, any failure or alleged failure to timely and properly fulfill all of its obligations under the Contract Documents in strict accordance with their terms, and without limitation, any failure or alleged failure of Contractor's obligations regarding any stop payment notice actions or liens, including Civil Wage and Penalty Assessments and/or Orders by the DIR.

**14.2.2** To the furthest extent permitted by California law, Contractor shall also defend Indemnitees, at its own expense, including but not limited to attorneys' fees and costs, against all Claims caused by, arising out of, resulting from, or incidental to, in whole or in part, the performance of the Work under this Contract by the Contractor, its Subcontractors, vendors, or suppliers. However, without impacting Contractor's obligation to provide an immediate and ongoing defense of Indemnitees, the Contractor's defense obligation shall be retroactively reduced by the proportion of the Indemnitees' and/or Architect's liability to the extent caused by the sole negligence, active negligence, or willful misconduct of the Indemnitees, and/or defects in design furnished by the Architect, as found by a court or arbitrator of competent jurisdiction. The District shall have the right to accept or reject any legal representation that Contractor proposes to defend the Indemnitees. If any Indemnitee provides its own defense due to failure to timely respond to tender of defense, rejection of tender of defense, or conflict of interest of proposed counsel, Contractor shall reimburse such Indemnitee for any expenditures. Contractor's defense obligation shall not be construed to negate, abridge, or otherwise reduce any right or obligation of defense that would otherwise exist as to any Indemnitee or other person described herein. Contractor's defense obligation includes, but is not limited to, any failure or alleged failure by Contractor to comply with any provision of law, any failure or alleged failure to timely and properly fulfill all of its obligations under the Contract Documents in strict accordance with their terms, and without limitation, any failure or alleged failure of Contractor's obligations regarding any stop payment notice actions or liens, including Civil Wage and Penalty Assessments and/or Orders by the DIR. The Contractor shall give prompt notice to the District in the event of any Claim(s).

**14.2.3** Without limitation of the provisions herein, if the Contractor's obligation to indemnify and hold harmless the Indemnitees or its obligation to defend Indemnitees as provided herein shall be determined to be void or unenforceable, in whole or in part, it is the intention of the parties that these circumstances shall not otherwise affect the validity or enforceability of the Contractor's agreement to indemnify, defend, and hold harmless the rest of the Indemnitees, as provided herein. Further, the Contractor shall be and remain fully liable for its agreements and obligations herein to the fullest extent permitted by law.

**14.2.4** Pursuant to Public Contract Code section 9201, the District shall provide timely notification to Contractor of the receipt of any third-party Claim relating to this Contract. The District shall be entitled to recover its reasonable costs incurred in providing said notification.

**14.2.5** In any and all Claims against any of the Indemnitees by any employee of the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the Contractor's indemnification obligation herein shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the Contractor or any Subcontractor under workers' compensation acts, disability benefit acts, or other employee benefit acts.

**14.2.6** The District may retain so much of the moneys due the Contractor as shall be considered necessary, until disposition of any such Claims or until the District, Architect(s) and Construction Manager(s) have received written agreement from the Contractor that they will unconditionally defend the District, Architect(s) and Construction Manager(s), their respective officers, agents and employees, and pay any damages due by reason of settlement or judgment.

**14.2.7** The Contractor's defense and indemnification obligations hereunder shall survive the completion of Work, the warranty/guarantee period, and the termination of the Contract.

## **15. TIME**

### **15.1 Notice to Proceed**

**15.1.1** District may issue a Notice to Proceed within ninety (90) days from the date of the Notice of Award. Once Contractor has received the Notice to Proceed, Contractor shall complete the Work within the period of time indicated in the Contract Documents.

**15.1.2** In the event that the District desires to postpone issuing the Notice to Proceed beyond ninety (90) days from the date of the Notice of Award, it is expressly understood that with reasonable notice to the Contractor, the District may postpone issuing the Notice to Proceed. It is further expressly understood by Contractor that Contractor shall not be entitled to any claim of additional compensation as a result of the postponement of the issuance of the Notice to Proceed.

**15.1.3** If the Contractor believes that a postponement of issuance of the Notice to Proceed will cause a hardship to Contractor, Contractor may terminate the Contract. Contractor's termination due to a postponement shall be by written notice to District within ten (10) days after receipt by Contractor of District's notice of postponement. It is further understood by Contractor that in the event that Contractor terminates the Contract as a result of postponement by the District, the District shall only be obligated to pay Contractor for the Work that Contractor had performed at the time of notification of postponement. Should Contractor terminate the Contract as a result of a notice of postponement, District shall have the authority to award the Contract to the next lowest responsive responsible bidder.

## **15.2 Computation of Time / Adverse Weather**

**15.2.1** The Contractor will only be allowed a time extension for Adverse Weather conditions if requested by Contractor in compliance with the time extension request procedures and only if all of the following conditions are met:

**15.2.1.1** The weather conditions constitute Adverse Weather, as defined herein;

**15.2.1.2** Contractor can verify that the Adverse Weather caused delays in excess of five (5) hours of the indicated labor required to complete the scheduled tasks of Work on the day affected by the Adverse Weather;

**15.2.1.3** The Contractor's crew is dismissed as a result of the Adverse Weather;

**15.2.1.4** Said delay adversely affects the critical path in the Construction Schedule; and

**15.2.1.5** Exceeds twelve (12) days of delay per year.

**15.2.2** If the aforementioned conditions are met, a non-compensable day-for-day extension will only be allowed for those days in excess of those indicated herein.

**15.2.3** The Contractor shall work seven (7) days per week, if necessary, irrespective of inclement weather, to maintain access and the Construction Schedule, and to protect the Work under construction from the effects of Adverse Weather, all at no further cost to the District.

**15.2.4** The Contract Time has been determined with consideration given to the average climate weather conditions prevailing in the County in which the Project is located.

## **15.3 Hours of Work**

### **15.3.1 Sufficient Forces**

Contractor and Subcontractors shall continuously furnish sufficient and competent work forces with the required levels of familiarity with the Project and skill, training, and experience to ensure the prosecution of the Work in accordance with the Construction Schedule.

### **15.3.2 Performance During Working Hours**

Work shall be performed during regular working hours as permitted by the appropriate governmental agency except that in the event of an emergency, or when required to complete the Work in accordance with job progress, Work may be performed outside of regular working hours with the advance written consent of the District and approval of any required governmental agencies.

### **15.3.3 No Work during State Testing**

Contractor shall, at no additional cost to the District and at the District's request, coordinate its Work to not disturb District students including, without limitation, not performing any Work when students at the Site are taking State or Federally-required

tests. The District or District's Representative will provide Contractor with a schedule of test dates concurrent with the District's issuance of the Notice to Proceed, or as soon as test dates are made available to the District.

#### **15.4 Progress and Completion**

##### **15.4.1 Time of the Essence**

Time limits stated in the Contract Documents are of the essence to the Contract. By executing the Agreement, the Contractor confirms that the Contract Time is a reasonable period for performing the Work.

##### **15.4.2 No Commencement Without Insurance or Bonds**

The Contractor shall not commence operations on the Project or elsewhere prior to the effective date of insurance and bonds. The date of commencement of the Work shall not be changed by the effective date of such insurance or bonds. If Contractor commences Work without insurance and bonds, all Work is performed at Contractor's peril and shall not be compensable until and unless Contractor secures bonds and insurance pursuant to the terms of the Contract Documents and subject to District claim for damages.

#### **15.5 Schedule**

Contractor shall provide to District, Construction Manager, and Architect a schedule in conformance with the Contract Documents and as required in the Notice to Proceed and the Contractor's Submittals and Schedules section of these General Conditions.

#### **15.6 Expeditious Completion**

The Contractor shall proceed expeditiously with adequate forces and shall achieve Completion within the Contract Time.

### **16. EXTENSIONS OF TIME – LIQUIDATED DAMAGES**

#### **16.1 Liquidated Damages**

Contractor and District hereby agree that the exact amount of damages for failure to complete the Work within the time specified is extremely difficult or impossible to determine. If the Work is not completed within the time specified in the Contract Documents, it is understood that the District will suffer damage. It being impractical and unfeasible to determine the amount of actual damage, it is agreed the Contractor shall pay to District as fixed and liquidated damages, and not as a penalty, the amount set forth in the Agreement for each calendar day of delay in completion. Contractor and its Surety shall be liable for the amount thereof pursuant to Government Code section 53069.85.

#### **16.2 Excusable Delay**

**16.2.1** Contractor shall not be charged for liquidated damages because of any delays in completion of the Work which are not the fault of Contractor or its Subcontractors, including acts of God as defined in Public Contract Code section 7105, acts of enemy, epidemics, and quarantine restrictions. Contractor shall, within five (5) calendar days of beginning of any delay, including a Force Majeure event, notify

District in writing of causes of delay including documentation and facts explaining the delay and the direct correlation between the cause and effect. District shall review the facts and extent of any delay and shall grant extension(s) of time for completing Work when, in its judgment, the findings of fact justify an extension. Extension(s) of time shall apply only to that portion of Work affected by delay and shall not apply to other portions of Work not so affected. An extension of time may only be granted if Contractor has timely submitted the Construction Schedule as required herein.

**16.2.2** Contractor shall notify the District pursuant to the claims provisions in these General Conditions of any anticipated delay and its cause. Following submission of a claim, the District may determine whether the delay is to be considered avoidable or unavoidable, how long it continues, and to what extent the prosecution and completion of the Work might be delayed thereby.

**16.2.3** In the event the Contractor requests an extension of Contract Time for unavoidable delay, such request shall be submitted in accordance with the provisions in the Contract Documents governing changes in Work. When requesting time, requests must be submitted with full justification and documentation. If the Contractor fails to submit justification, it waives its right to a time extension at a later date. Such justification must be based on the official Construction Schedule as updated at the time of occurrence of the delay or execution of Work related to any changes to the Scope of Work. Any claim for delay must include the following information as support, without limitation:

**16.2.3.1** The duration of the activity relating to the changes in the Work and the resources (manpower, equipment, material, etc.) required to perform the activities within the stated duration.

**16.2.3.2** Specific logical ties to the Contract Schedule for the proposed changes and/or delay showing the activity/activities in the Construction Schedule that are affected by the change and/or delay. In particular, Contractor must show an actual impact to the schedule, after making a good faith effort to mitigate the delay by rescheduling the work, by providing an analysis of the schedule ("Time Impact Analysis"). Such Time Impact Analysis shall describe in detail the cause and effect of the delay and the impact on the critical dates in the Project schedule. (A portion of any delay of seven (7) days or more must be provided.)

**16.2.3.3** A recovery schedule must be submitted within twenty (20) calendar days of written notification to the District of causes of delay.

### **16.3 No Additional Compensation for Delays Within Contractor's Control**

**16.3.1** Contractor is aware that governmental agencies, including, without limitation, the Division of the State Architect, the Department of General Services, gas companies, electrical utility companies, water districts, and other agencies may have to approve Contractor-prepared drawings or approve a proposed installation. Accordingly, Contractor shall include in its bid, time for possible review of its drawings and for reasonable delays and damages that may be caused by such agencies. Thus, Contractor is not entitled to make a claim for damages or delays arising from the review of Contractor's drawings.

**16.3.2** Contractor shall only be entitled to compensation for delay when all of the following conditions are met:

**16.3.2.1** The District is responsible for the delay;

**16.3.2.2** The delay is unreasonable under the circumstances involved;

**16.3.2.3** The delay was not within the contemplation of the District and Contractor;

**16.3.2.4** The delay could not have been avoided or mitigated by Contractor's reasonable diligence; and

**16.3.2.5** Contractor timely complies with the claims procedure of the Contract Documents.

**16.3.3** Where a change in the Work extends the Contract Time, Contractor may request and recover additional, actual direct costs, provided that Contractor can demonstrate such additional costs are:

**16.3.3.1** Actually incurred performing the Work;

**16.3.3.2** Not compensated by the Markup allowed; and

**16.3.3.3** Directly result from the extended Contract Time.

Contractor shall comply with all required procedures, documentation, and time requirements in the Contract Documents. Contractor may not seek or recover such costs using formulas (e.g., Eichleay, labor factors).

#### **16.4**      **Force Majeure**

"Force Majeure" means any event or circumstance unknown at the time of contracting that is beyond the parties' control and makes performance of the contract impractical or impossible. The Party seeking to have its performance obligation(s) excused must demonstrate that there was such an insuperable interference occurring without the party's intervention as could not have been prevented by the exercise of prudence, diligence, and care, by providing prompt notice to the other Party, including full particulars of such event, of its inability to perform its obligations due to such event, following commencement of the claiming Party's inability to so perform its obligations. To the extent satisfying these conditions, Force Majeure events include the following: acts of God, war, civil unrest, epidemic, fire, smoke, volcanic eruption, earthquake, strike, unusually severe weather, flood, or shortage of transportation facilities, lock out, or commandeering of materials, product, plant, or facilities by the government. Force Majeure shall not be based on a Party's financial inability to perform under this Agreement unless there exists extreme and unreasonable difficulty, expense, injury, or loss involved. A Force Majeure event does not include an act of negligence or intentional wrongdoing by a Party. Any Party claiming a Force Majeure event shall use reasonable diligence to remove the condition that prevents performance and shall not be entitled to suspend performance of its obligations in any greater scope or for any longer duration than is required by the Force Majeure event. Each Party shall use its best efforts to mitigate the effects of such Force Majeure event, remedy its inability to perform, and resume full performance of its obligations hereunder. No obligation that arose before the Force Majeure event that could and should have been fully performed before such Force Majeure event is excused as a result of such Force Majeure event.

## **16.5 Float or Slack in the Schedule**

Float or slack is the amount of time between the early start date and the late start date, or the early finish date and the late finish date, of any of the activities in the schedule. Float or slack is not for the exclusive use of or benefit of either the District or the Contractor, but its use shall be determined solely by the District.

## **17. CHANGES IN THE WORK**

### **17.1 No Changes Without Authorization**

**17.1.1** There shall be no change whatsoever in the Drawings, Specifications, or in the Work without an executed Change Order or a written Construction Change Directive authorized by the District as herein provided. District shall not be liable for the cost of any extra work or any substitutions, changes, additions, omissions, or deviations from the Drawings and Specifications unless the District's governing board has authorized the same and the cost thereof has been approved in writing by Change Order or Construction Change Directive in advance of the changed Work being performed. No extension of time for performance of the Work shall be allowed hereunder unless claim for such extension is made at the time changes in the Work are ordered, and such time duly adjusted and approved in writing in the Change Order or Construction Change Directive. Contractor shall be responsible for any costs incurred by the District for professional services and DSA fees and/or delay to the Project Schedule, if any, for DSA to review any request for changes to the DSA approved plans and specifications for the convenience of the Contractor and/or to accommodate the Contractor's means and methods. The provisions of the Contract Documents shall apply to all such changes, additions, and omissions with the same effect as if originally embodied in the Drawings and Specifications.

**17.1.2** Contractor shall perform immediately all work that has been authorized by a fully executed Change Order or Construction Change Directive. Contractor shall be fully responsible for any and all delays and/or expenses caused by Contractor's failure to expeditiously perform this Work.

**17.1.3** Should any Change Order result in an increase in the Contract Price or extend the Contract Time, the cost of or length of extension in that Change Order shall be agreed to, in writing, by the District in advance of the Work by Contractor, and shall be subject to the monetary limitations set forth in Public Contract Code section 20118.4. In the event that Contractor proceeds with any change in Work without a Change Order executed by the District or Construction Change Directive, Contractor waives any claim of additional compensation or time for that additional work. Under no circumstances shall Contractor be entitled to any claim of additional compensation or time not expressly requested by Contractor in a Proposed Change Order or approved by District in an executed Change Order.

**17.1.4** A Change Order or Construction Change Directive will become effective when approved by the Board, notwithstanding that Contractor has not signed it. A Change Order or Construction Change Directive will become effective without Contractor's signature provided District indicates it as a "Unilateral Change Order." Any dispute as to the adjustment in the Contract Price or Contract Time, if any, of the Unilateral Change Order shall be resolved pursuant to the Payment and Claims and Disputes provisions herein.

**17.1.5** Contractor understands, acknowledges, and agrees that the reason for District authorization is so that District may have an opportunity to analyze the Work and decide whether the District shall proceed with the Change Order or alter the Project so that a change in Work becomes unnecessary.

## **17.2 Architect Authority**

The Architect will have authority to order minor changes in the Work not involving any adjustment in the Contract Price, or an extension of the Contract Time, or a change that is inconsistent with the intent of the Contract Documents. These changes shall be effected by written Change Order, Construction Change Directive, by Architect's response(s) to RFI(s), or by Architect's Supplemental Instructions ("ASI").

## **17.3 Change Orders**

**17.3.1** A Change Order is a written instrument prepared and issued by the District and/or the Architect and signed by the District (as authorized by the District's Governing Board), the Contractor, the Architect, and approved by the Project Inspector (if necessary) and DSA (if necessary), stating their agreement regarding all of the following:

**17.3.1.1** A description of a change in the Work;

**17.3.1.2** The amount of the adjustment in the Contract Price, if any; and

**17.3.1.3** The extent of the adjustment in the Contract Time, if any.

## **17.4 Construction Change Directives**

**17.4.1** A Construction Change Directive is a written order prepared and issued by the District, the Construction Manager, and/or the Architect and signed by the District and the Architect, directing a change in the Work. The District may, as provided by law, by Construction Change Directive and without invalidating the Contract, order changes in the Work consisting of additions, deletions, or other revisions. The adjustment to the Contract Price or Time, if any, is subject to the provisions of this section regarding Changes in the Work. If all or a portion of the Project is being funded by funds requiring approval by the State Allocation Board ("SAB"), these revisions may be subject to compensation once approval of same is received and funded by the SAB, and funds are released by the Office of Public School Construction ("OPSC"). Any dispute as to the adjustment in the Contract Price, if any, of the Construction Change Directive or timing of payment shall be resolved pursuant to the Payment and Claims and Disputes provisions herein.

**17.4.2** The District may issue a Construction Change Directive in the absence of agreement on the terms of a Change Order.

## **17.5 Force Account Directives**

**17.5.1** When work, for which a definite price has not been agreed upon in advance, is to be paid for on a force account basis, all direct costs necessarily incurred and paid by the Contractor for labor, material, and equipment used in the performance of that Work, shall be subject to the approval of the District and compensation will be determined as set forth herein.



**17.5.2** The District will issue a Force Account Directive to proceed with the Work on a force account basis, and a not-to-exceed budget will be established by the District.

**17.5.3** All requirements regarding direct cost for labor, labor burden, material, equipment, and markups on direct costs for overhead and profit described in this section shall apply to Force Account Directives. However, the District will only pay for actual costs verified in the field by the District or its authorized representative(s) on a daily basis.

**17.5.4** The Contractor shall be responsible for all cost related to the administration of Force Account Directive. The markup for overhead and profit for Contractor modifications shall be full compensation to the Contractor to administer Force Account Directive, and Contractor shall not be entitled to separately recover additional amounts for overhead and/or profit.

**17.5.5** The Contractor shall notify the District or its authorized representative(s) at least twenty-four (24) hours prior to proceeding with any of the force account work. Furthermore, the Contractor shall notify the District when it has consumed eighty percent (80%) of the budget, and shall not exceed the budget unless specifically authorized in writing by the District. The Contractor will not be compensated for force account work in the event that the Contractor fails to timely notify the District regarding the commencement of force account work, or exceeding the force account budget.

**17.5.6** The Contractor shall diligently proceed with the work, and on a daily basis, submit a daily force account report using Document 00 63 47, "Daily Force Account Report," no later than 5:00 p.m. each day. The report shall contain a detailed itemization of the daily labor, material, and equipment used on the force account work only. The names of the individuals performing the force account work shall be included on the daily force account reports. The type and model of equipment shall be identified and listed. The District will review the information contained in the reports, and sign the reports no later than the next work day, and return a copy of the report to the Contractor for their records. The District will not sign, nor will the Contractor receive compensation for work the District cannot verify. The Contractor will provide a weekly force account summary indicating the status of each Force Account Directive in terms of percent complete of the not-to-exceed budget and the estimated percent complete of the work.

**17.5.7** In the event the Contractor and the District reach a written agreement on a set cost for the work while the work is proceeding based on a Force Account Directive, the Contractor's signed daily force account reports shall be discontinued, and all previously signed reports shall be invalid.

## **17.6 Price Request**

### **17.6.1 Definition of Price Request**

A Price Request is a written request prepared by the Architect requesting the Contractor to submit to the District and the Architect an estimate of the effect of a proposed change in the Work on the Contract Price and the Contract Time.

### **17.6.2 Scope of Price Request**

A Price Request shall contain adequate information, including any necessary Drawings and Specifications, to enable Contractor to provide the cost breakdowns required herein. The Contractor shall not be entitled to any additional compensation for preparing a response to a Price Request, whether ultimately accepted or not.

## **17.7 Proposed Change Order**

### **17.7.1 Definition of Proposed Change Order**

A Proposed Change Order ("PCO") is a written request prepared by the Contractor requesting that the District and the Architect issue a Change Order based upon a proposed change to the Work.

### **17.7.2 Changes in Contract Price**

A PCO shall include breakdowns and backup documentation pursuant to the revisions herein and sufficient, in the District's judgment, to validate any change in Contract Price. In no case shall Contractor or any of its Subcontractors be permitted to reserve rights for additional compensation for Change Order Work.

### **17.7.3 Changes in Time**

A PCO shall also include any changes in time required to complete the Project. Any additional time requested shall not be the number of days to make the proposed change, but must be based upon the impact to the Construction Schedule as defined in the Contract Documents. The Contractor shall justify the proposed change in time by submittal of a schedule analysis that accurately shows the impact of the change on the critical path of the Construction Schedule ("Time Impact Analysis"). If Contractor fails to request a time extension in a PCO, including the Time Impact Analysis, then the Contractor is thereafter precluded from requesting, and waives any right to request, additional time and/or claim a delay. In no case shall Contractor or any of its Subcontractors be permitted to reserve rights for additional time for Change Order Work. A PCO that leaves the amount of time requested blank, or states that such time requested is "to be determined," is not permitted and shall also constitute a waiver of any right to request additional time and/or claim a delay.

### **17.7.4 Allowances**

If there is an Allowance, then Contractor shall not bill for or be due any portion of an Allowance unless the District has identified specific work, Contractor has submitted a price for that work or the District has proposed a price for that work, the District has accepted the cost for that work, and the District has executed an Allowance Expenditure Directive incorporating that work. Allowance Expenditure Directives shall be based on Contractor's costs, without overhead and profit, for products, delivery, installation, labor, insurance, payroll, taxes, bonding, and equipment rental will be included in Allowance Expenditure Directive authorizing expenditure of funds from the Allowance. No overhead and profit shall be added to the Allowance Expenditure Directive.

Any unused portion of the Allowance will revert to the District documented by a deductive Change Order. Contractor authorizes the District to execute a unilateral deductive Change Order at or near the end of the Project for all or any portion of the Allowance not allocated.

**17.7.5 Unknown and/or Unforeseen Conditions**

Separate from what is provided in the Allowance, if Contractor requests an increase in Contract Price and/or Contract Time that is based at least partially on Contractor's assertion that Contractor has encountered unknown and/or unforeseen condition(s) on the Project, then Contractor shall base the PCO on provable information that, beyond a reasonable doubt and to the District's satisfaction, demonstrates that the unknown and/or unforeseen condition(s) were actually unknown and/or unforeseen and that the condition(s) were reasonably unknown and/or unforeseen. If not, the District shall deny the PCO as unsubstantiated, and the Contractor shall complete the Project without any increase in Contract Price and/or Contract Time based on that PCO.

**17.7.6 Time to Submit Proposed Change Order**

Contractor shall submit its PCO, using Document 00 63 57 (Proposed Change Order Form), within five (5) working days of the date Contractor discovers, or reasonably should have discovered, the circumstances giving rise to the PCO, unless additional time to submit a PCO is granted in writing by the District. Time is of the essence in Contractor's submission of PCOs so that the District can promptly investigate the basis for the PCO. Accordingly, if Contractor fails to submit its PCO within this timeframe, Contractor waives, releases, and discharges any right to assert or claim any entitlement to an adjustment of the Contract Price and/or Time based on circumstances giving rise to the PCO.

**17.7.7 Proposed Change Order Certification**

In submitting a PCO, Contractor certifies and affirms that the cost and/or time request is submitted in good faith, that the cost and/or time request is accurate and in accordance with the provisions of the Contract Documents, and the Contractor submits the cost and/or request for extension of time recognizing the significant civil penalties and treble damages which follow from making a false claim or presenting a false claim under Government Code section 12650 et seq.

It is expressly understood that the value of the extra Work or changes expressly includes any and all of the Contractor's costs and expenses, direct and indirect, resulting from additional time required on the Project or resulting from delay to the Project including, without limitation, cumulative impacts. Contractor is not entitled to separately recover amounts for overhead or other indirect costs. Any costs, expenses, damages, or time extensions not included are deemed waived.

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**17.8 Format for Proposed Change Order**

**17.8.1** The following format shall be used as applicable by the District and the Contractor (e.g., Change Orders, PCO's) to communicate proposed additions and deductions to the Contract, supported by attached documentation. Any spaces left blank will be deemed no change to cost or time.

	<b><u>WORK PERFORMED OTHER THAN BY CONTRACTOR</u></b>	<b><u>ADD</u></b>	<b><u>DEDUCT</u></b>
(a)	<b><u>Material</u></b> (attach suppliers' invoice or itemized quantity and unit cost plus sales tax)		
(b)	<b><u>Add Labor</u></b> (attach itemized hours and rates, fully Burdened, and specify the hourly rate for each additional labor burden, for example, payroll taxes, fringe benefits, etc.)		
(c)	<b><u>Add Equipment</u></b> (attach suppliers' invoice)		
(d)	<b><u>Subtotal</u></b>		
(e)	<b><u>Add Overhead and Profit for any and all tiers of Subcontractor</u></b> , the total not to exceed ten percent (10%) of Item (d)		
(f)	<b><u>Subtotal</u></b>		
(g)	<b><u>Add General Conditions Cost</u></b> (if Time is Compensable) (attach supporting documentation)		
(h)	<b><u>Subtotal</u></b>		
(i)	<b><u>Add Overhead and Profit for Contractor</u></b> , not to exceed five percent (5%) of Item (h)		
(j)	<b><u>Subtotal</u></b>		
(k)	<b><u>Add Bond and Insurance</u></b> , not to exceed two percent (2%) of Item (j)		
(l)	<b><u>TOTAL</u></b>		
(m)	<b><u>Time</u></b> (zero unless indicated; "TBD" not permitted)	<b>_____ Calendar Days</b>	

	<b><u>WORK PERFORMED BY CONTRACTOR</u></b>	<b><u>ADD</u></b>	<b><u>DEDUCT</u></b>
(n)	<b><u>Material</u></b> (attach itemized quantity and unit cost plus sales tax)		
(o)	<b><u>Add Labor</u></b> (attach itemized hours and rates, fully Burdened, and specify the hourly rate for each additional labor burden, for example, payroll taxes, fringe benefits, etc.)		
(p)	<b><u>Add Equipment</u></b> (attach suppliers' invoice)		
(q)	<b><u>Add General Conditions Cost</u></b> (if Time is Compensable) (attach supporting documentation)		
(r)	<b><u>Subtotal</u></b>		
(s)	<b><u>Add Overhead and Profit for Contractor</u></b> , not to exceed fifteen percent (15%) of Item (e)		
(t)	<b><u>Subtotal</u></b>		
(u)	<b><u>Add Bond and Insurance</u></b> , not to exceed two percent (2%) of Item (g)		
(v)	<b><u>TOTAL</u></b>		
(w)	<b><u>Time</u></b> (zero unless indicated; "TBD" not permitted)	<b>_____ Calendar Days</b>	

**17.8.2 Mandatory Use of Forms.** Contractor shall only submit PCOs by completing Document 00 63 57 (Proposed Change Order Form). Contractor acknowledges and agrees that use of this specific and consistent format is essential to District's evaluation of PCOs. Accordingly, Contractor waives, releases, and discharges any right to assert or claim any entitlement to an adjustment of the Contract Price and/or Time for any purported PCO that does not comply with Document 00 63 57 (Proposed Change Order Form).

**17.8.3 Labor.** Contractor shall be compensated for the costs of labor actually and directly utilized in the performance of the Work. Such labor costs shall be the actual cost, use of any formulas (e.g., labor factors) is not allowed, not to exceed prevailing wage rates in the locality of the Site and shall be in the labor classification(s) necessary for the performance of the Work, fully Burdened. Labor costs shall exclude costs incurred by the Contractor in preparing estimate(s) of the costs of the change in the Work, in the maintenance of records relating to the costs of the change in the Work, coordination and assembly of materials and information relating to the change in the Work or performance thereof, or the supervision and other overhead and general conditions costs associated with the change in the Work or performance thereof, including but not limited to the cost for the job superintendent. If applicable, District will pay Contractor the reasonable costs for room and board, supported with appropriate backup documentation, without markup for profit or overhead as provided by U.S. General Services Administration per diem rates for California lodging, meals and incidentals, <https://www.gsa.gov/travel/plan-book/per-diem-rates/per-diem-rates-lookup>.

**17.8.4 Materials.** Contractor shall be compensated for the costs of materials necessarily and actually used or consumed in connection with the performance of the change in the Work. Costs of materials may include reasonable costs of transportation from a source closest to the Site of the Work and delivery to the Site. If discounts by material suppliers are available for materials necessarily used in the performance of the change in the Work, they shall be credited to the District. If materials necessarily used in the performance of the change in the Work are obtained from a supplier or source owned in whole or in part by the Contractor, compensation therefore shall not exceed the current wholesale price for such materials. If, in the reasonable opinion of the District, the costs asserted by the Contractor for materials in connection with any change in the Work are excessive, or if the Contractor fails to provide satisfactory evidence of the actual costs of such materials from its supplier or vendor of the same, the costs of such materials and the District's obligation to pay for the same shall be limited to the then lowest wholesale price at which similar materials are available in the quantities required to perform the change in the Work. The District may elect to furnish materials for the change in the Work, in which event the Contractor shall not be compensated for the costs of furnishing such materials or any mark-up thereon.

**17.8.5 Equipment.** As a precondition to the District's duty to pay for Equipment rental or loading and transportation, Contractor shall provide satisfactory evidence of the actual costs of Equipment from the supplier, vendor, or rental agency of same. Contractor shall be compensated for the actual cost of the necessary and direct use of Equipment in the performance of the change in the Work. Use of such Equipment in the performance of the change in the Work shall be compensated in increments of fifteen (15) minutes. Rental time for Equipment moved by its own power shall include time required to move such Equipment to the site of the Work from the nearest available rental source of the same. If Equipment is not moved to the Site by its own power, Contractor will be compensated for the loading and transportation costs in lieu

of rental time. The foregoing notwithstanding, neither moving time or loading and transportation time shall be allowed if the Equipment is used for performance of any portion of the Work other than the change in the Work. Unless prior approval in writing is obtained by the Contractor from the Architect, the Project Inspector and the District, no costs or compensation shall be allowed for time while Construction Equipment is inoperative, idle or on standby, for any reason. Contractor shall not be entitled to an allowance or any other compensation for Equipment or tools used in the performance of change in the Work where such Equipment or tools have a replacement value of \$500.00 or less. Equipment costs claimed by the Contractor in connection with the performance of any Work shall not exceed rental rates established by distributors or construction equipment rental agencies in the locality of the Site; any costs asserted which exceed such rental rates shall not be allowed or paid. Unless otherwise specifically approved in writing by the Architect, the Project Inspector and the District, the allowable rate for the use of Equipment in connection with the Work shall constitute full compensation to the Contractor for the cost of rental, fuel, power, oil, lubrication, supplies, necessary attachments, repairs or maintenance of any kind, depreciation, storage, insurance, labor (exclusive of labor costs of the Equipment operator), and any and all other costs incurred by the Contractor incidental to the use of such Equipment.

**17.8.6 General Conditions Cost.** The phrase "General Conditions Cost" shall mean, other than expressly limited or excluded herein, the costs of Contractor during the construction phase, including but not limited to: payroll costs for project manager for Work conducted at the Site, payroll costs for the superintendent and full-time general foremen, workers not included as direct labor costs engaged in support functions (e.g., loading/unloading, clean-up), costs of offices and temporary facilities including office materials, office supplies, office equipment, minor expenses, utilities, fuel, sanitary facilities and telephone services at the Site, costs of consultants not in the direct employ of Contractor or Subcontractors, and fees for permits and licenses.

**17.8.7 Overhead and Profit.** The phrase "Overhead and Profit" shall include field and office supervisors and assistants, watchperson, use of small tools, consumable, insurance other than construction bonds and insurance required herein, general conditions costs and home office expenses.

## **17.9 Change Order Certification**

**17.9.1** All Change Orders and PCOs include the following certification by the Contractor, either in the form specifically or incorporated by this reference:

**17.9.1.1** The undersigned Contractor approves the foregoing as to the changes, if any, to the Contract Price specified for each item, and as to the extension of time allowed, if any, for completion of the entire Work as stated herein, and agrees to furnish all labor, materials, and service, and perform all work necessary to complete any additional work specified for the consideration stated herein. Submission of sums which have no basis in fact or which Contractor knows are false are at the sole risk of Contractor and may be a violation of the False Claims Act set forth under Government Code section 12650 et seq. It is understood that the changes herein to the Contract shall only be effective when approved by the governing board of the District.

**17.9.1.2** It is expressly understood that the value of the extra Work or changes expressly includes any and all of the Contractor's costs and expenses, direct and indirect, resulting from additional time required on the Project or resulting from

delay to the Project including, without limitation, cumulative impacts. Contractor is not entitled to separately recover amounts for overhead or other indirect costs. Any costs, expenses, damages, or time extensions not included are deemed waived.

**17.9.2** Accord and Satisfaction: Contractor's execution of any Change Order shall constitute a full accord and satisfaction, and release, of all Contractor (and if applicable, Subcontractor) claims for additional time, money or other relief arising from or relating to the subject matter of the change including, without limitation, impacts of all types, cumulative impacts, inefficiency, overtime, delay and any other type of claim.

**17.9.3 Mandatory Use of Forms.** Contractor shall only submit Change Orders by completing Document 00 63 63 (Change Order Form). Contractor acknowledges and agrees that use of this specific and consistent format is essential to District's processing of Change Orders. Accordingly, Contractor waives, releases, and discharges any right to assert or claim any entitlement to an adjustment of the Contract Price and/or Time for any change that does not comply with Document 00 63 63 (Change Order Form).

#### **17.10 Determination of Change Order Cost**

**17.10.1** The amount of the increase or decrease in the Contract Price from a Change Order, if any, shall be determined in one or more of the following ways as applicable to a specific situation and at the District's discretion:

**17.10.1.1** District acceptance of a PCO;

**17.10.1.2** By unit prices contained in Contractor's original bid;

**17.10.1.3** By agreement between District and Contractor.

#### **17.11 Deductive Change Orders**

All deductive Change Order(s) must be prepared pursuant to the provisions herein. Where a portion of the Work is deleted from the Contract, the reasonable value of the deducted work less the value of work performed shall be considered the appropriate deduction. The value submitted on the Schedule of Values shall be used to calculate the credit amount. Unit Prices, if any, may be used in District's discretion in calculating reasonable value. If Contractor offers a proposed amount for a deductive Change Order(s), Contractor shall include a minimum of five percent (5%) total profit and overhead to be deducted with the amount of the work of the Change Order(s). If Subcontractor work is involved, Subcontractors shall also include a minimum of five percent (5%) profit and overhead to be deducted with the amount of its deducted work. Any deviation from this provision shall not be allowed.

#### **17.12 Addition or Deletion of Alternate Bid Item(s)**

If the Bid Form and Proposal includes proposal(s) for Alternate Bid Item(s), during Contractor's performance of the Work, the District may elect to add or delete any such Alternate Bid Item(s) if not included in the Contract at the time of award. If the District elects to add or delete Alternate Bid Item(s) after Contract award, the cost or credit for such Alternate Bid Item(s) shall be as set forth in the Bid Form and Proposal unless the

parties agree to a different price and the Contract Time shall be adjusted by the number of days allocated in the Contract Documents. If days are not allocated in the Contract Documents, the Contract Time shall be equitably adjusted.

**17.13 Discounts, Rebates, and Refunds**

For purposes of determining the cost, if any, of any change, addition, or omission to the Work hereunder, all trade discounts, rebates, refunds, and all returns from the sale of surplus materials and equipment shall accrue and be credited to the Contractor, and the Contractor shall make provisions so that such discounts, rebates, refunds, and returns may be secured, and the amount thereof shall be allowed as a reduction of the Contractor's cost in determining the actual cost of construction for purposes of any change, addition, or omission in the Work as provided herein.

**17.14 Accounting Records**

With respect to portions of the Work performed by Change Orders and Construction Change Directives, the Contractor shall keep and maintain cost-accounting records satisfactory to the District, including, without limitation, Job Cost Reports as provided in these General Conditions, which shall be available to the District on the same terms as any other books and records the Contractor is required to maintain under the Contract Documents. Such records shall include without limitation hourly records for Labor and Equipment and itemized records of materials and Equipment used that day in connection with the performance of any Work. All records maintained hereunder shall be subject to inspection, review and/or reproduction by the District, the Architect, or the Project Inspector upon request. In the event that the Contractor fails or refuses, for any reason, to maintain or make available for inspection, review and/or reproduction such records, the District's reasonable good faith determination of the extent of adjustment to the Contract Price shall be final, conclusive, dispositive and binding upon Contractor.

**17.15 Notice Required**

If the Contractor desires to make a claim for an increase in the Contract Price, or any extension in the Contract Time for completion, it shall notify the District pursuant to the provisions herein, including the Article on Claims and Disputes. No claim shall be considered unless made in accordance with this subparagraph. Contractor shall proceed to execute the Work even though the adjustment may not have been agreed upon. Any change in the Contract Price or extension of the Contract Time resulting from such claim shall be authorized by a Change Order.

**17.16 Applicability to Subcontractors**

Any requirements under this Article shall be equally applicable to Change Orders or Construction Change Directives issued to Subcontractors by the Contractor to the extent as required by the Contract Documents.

**17.17 Alteration to Change Order Language**

Contractor shall not alter Change Orders or reserve time in Change Orders. Change Orders altered in violation of this provision, if in conflict with the terms set forth herein, shall be construed in accordance with the terms set forth herein. Contractor shall execute finalized Change Orders and proceed under the provisions herein with proper notice.



**17.18 Failure of Contractor to Execute Change Order**

Contractor shall be in default of the Contract if Contractor fails to execute a Change Order when the Contractor agrees with the addition and/or deletion of the Work in that Change Order.

**18. REQUEST FOR INFORMATION**

**18.1** Any Request for Information shall reference all applicable Contract Document(s), including Specification section(s), detail(s), page number(s), drawing number(s), and sheet number(s), etc. The Contractor shall make suggestions and interpretations of the issue raised by each Request for Information. A Request for Information cannot modify the Contract Price, Contract Time, or the Contract Documents. Upon request by the District, Contractor shall provide an electronic copy of the Request for Information in addition to the hard copy.

**18.2** The Contractor shall be responsible for any costs incurred for professional services that District may deduct from any amounts owing to the Contractor, if a Request for Information requests an interpretation or decision of a matter where the information sought is equally available to the party making the request. District, at its sole discretion, shall deduct from and/or invoice Contractor for all the professional services arising herein.

**19. PAYMENTS**

**19.1 Contract Price**

The Contract Price is stated in the Agreement and, including authorized adjustments, is the total amount payable by the District to the Contractor for performance of the Work under the Contract Documents.

**19.2 Applications for Progress Payments**

**19.2.1 Procedure for Applications for Progress Payments**

**19.2.1.1 Application for Progress Payment**

**19.2.1.1.1** Not before the fifth (5th) day of each calendar month during the progress of the Work, Contractor shall submit to the District and the Architect an itemized Application for Payment for operations completed in accordance with the Schedule of Values. Such application shall be notarized, if required, and supported by the following or each portion thereof unless waived by the District in writing:

**19.2.1.1.1.1** The amount paid to the date of the Application to the Contractor, to all its Subcontractors, and all others furnishing labor, material, or equipment for its Contract;

**19.2.1.1.1.2** The amount being requested under the Application for Payment by the Contractor on its own behalf and separately stating the amount requested on behalf of each of the Subcontractors and all others furnishing labor, material, and equipment under the Contract;

**19.2.1.1.1.3** The balance that will be due to each of such entities after said payment is made;

**19.2.1.1.1.4** A certification that the As-Built Drawings and annotated Specifications are current;

**19.2.1.1.1.5** Itemized breakdown of work done for the purpose of requesting partial payment;

**19.2.1.1.1.6** An updated and acceptable construction schedule in conformance with the provisions herein;

**19.2.1.1.1.7** The additions to and subtractions from the Contract Price and Contract Time;

**19.2.1.1.1.8** A total of the retentions held;

**19.2.1.1.1.9** Material invoices, evidence of equipment purchases, rentals, and other support and details of cost as the District may require from time to time;

**19.2.1.1.1.10** The percentage of completion of the Contractor's Work by line item;

**19.2.1.1.1.11** Schedule of Values updated from the preceding Application for Payment;

**19.2.1.1.1.12** A duly completed and executed conditional waiver and release upon progress payment compliant with Civil Code section 8132 from the Contractor and each subcontractor of any tier and supplier to be paid from the current progress payment;

**19.2.1.1.1.13** A duly completed and executed unconditional waiver and release upon progress payment compliant with Civil Code section 8134 from the Contractor and each subcontractor of any tier and supplier that was paid from the previous progress payment(s); and

**19.2.1.1.1.14** A certification by the Contractor of the following:

The Contractor warrants title to all Work performed as of the date of this payment application has been completed in accordance with the Contract Documents for the Project. The Contractor further warrants that all amounts have been paid for work which previous Certificates for Payment were issued and payments received and all Work performed as of the date of this payment application is free and clear of liens, claims, security interests, or encumbrances in favor of the Contractor, Subcontractors, material and equipment suppliers, workers, or other persons or entities making a claim by reason of having provided labor, materials, and equipment relating to the Work, except those of which the District has been informed. Submission of sums which have no basis in fact or which Contractor knows are false are at the sole risk of Contractor and may be a violation of the False Claims Act set forth under Government Code section 12650 et seq.

**19.2.1.1.1.15** The Contractor shall be subject to the False Claims Act set forth in Government Code section 12650 et seq. for information provided with any Application for Progress Payment.

**19.2.1.1.1.16** All remaining certified payroll records ("CPR(s)") for each journeyman, apprentice, worker, or other employee employed by the Contractor and/or each Subcontractor in connection with the Work for the period of the Application for Payment. As indicated herein, the District shall not make any payment to Contractor until:

**19.2.1.1.1.16.1** Contractor and/or its Subcontractor(s) provide electronic CPRs directly to the DIR on no less than every 30 days while Work is being performed and within 30 days after the final day of Work performed on the Project for any journeyman, apprentice, worker or other employee was employed in connection with the Work, or within ten (10) days of any request by the District or the DIR to the requesting entity, and

**19.2.1.1.1.16.2** Any delay in Contractor and/or its Subcontractor(s) providing CPRs in a timely manner may directly delay the Contractor's payment.

**19.2.1.1.2** Applications received after June 20th will not be paid until the second week of July and applications received after December 12th will not be paid until the first week of January.

## **19.2.2 Prerequisites for Progress Payments**

**19.2.2.1 First Payment Request:** The following items, if applicable, must be completed before the District will accept and/or process the Contractor's first payment request:

**19.2.2.1.1** Installation of the Project sign;

**19.2.2.1.2** Installation of field office;

**19.2.2.1.3** Installation of temporary facilities and fencing;

**19.2.2.1.4** Schedule of Values;

**19.2.2.1.5** Contractor's Construction Schedule;

**19.2.2.1.6** Schedule of unit prices, if applicable;

**19.2.2.1.7** Submittal Schedule;

**19.2.2.1.8** Receipt by Architect of all submittals due as of the date of the payment application;

**19.2.2.1.9** Copies of necessary permits;

**19.2.2.1.10** Copies of authorizations and licenses from governing authorities;

**19.2.2.1.11** Initial progress report;

**19.2.2.1.12** Surveyor qualifications;

**19.2.2.1.13** Written acceptance of District's survey of rough grading, if applicable;

**19.2.2.1.14** List of all Subcontractors, with names, license numbers, telephone numbers, and Scope of Work;

**19.2.2.1.15** All bonds and insurance endorsements; and

**19.2.2.1.16** Resumes of Contractor's project manager, and if applicable, job site secretary, record documents recorder, and job site superintendent.

**19.2.2.2 Second Payment Request:** The District will not process the second payment request until and unless all submittals and Shop Drawings have been accepted for review by the Architect.

**19.2.2.3 No Waiver of Criteria:** Any payments made to Contractor where criteria set forth herein have not been met shall not constitute a waiver of said criteria by District. Instead, such payment shall be construed as a good faith effort by District to resolve differences so Contractor may pay its Subcontractors and suppliers. Contractor agrees that failure to submit such items may constitute a breach of contract by Contractor and may subject Contractor to termination.

### **19.3 Progress Payments**

#### **19.3.1 District's Approval of Application for Payment**

**19.3.1.1** Upon receipt of an Application for Payment, The District shall act in accordance with both of the following:

**19.3.1.1.1** Each Application for Payment shall be reviewed by the District as soon as practicable after receipt for the purpose of determining that the Application for Payment is a proper Application for Payment.

**19.3.1.1.2** Any Application for Payment determined not to be a proper Application for Payment suitable for payment shall be returned to the Contractor as soon as practicable, but not later than seven (7) days, after receipt. An Application for Payment returned pursuant to this paragraph shall be accompanied by a document setting forth in writing the reasons why the Application for Payment is not proper. The number of days available to the District to make a payment without incurring interest pursuant to this section shall be reduced by the number of days by which the District exceeds this seven-day return requirement.

**19.3.1.1.3** An Application for Payment shall be considered properly executed if funds are available for payment of the Application for Payment, and payment is not delayed due to an audit inquiry by the financial officer of the District.

**19.3.1.2** The District's review of the Contractor's Application for Payment will be based on the District's and the Architect's observations at the Site and the data comprising the Application for Payment that the Work has progressed to the point indicated and that, to the best of the District's and the Architect's knowledge, information, and belief, the quality of the Work is in accordance with the Contract Documents. The foregoing representations are subject to:

**19.3.1.2.1** Observation of the Work for general conformance with the Contract Documents,

**19.3.1.2.2** Results of subsequent tests and inspections,

**19.3.1.2.3** Minor deviations from the Contract Documents correctable prior to completion, and

**19.3.1.2.4** Specific qualifications expressed by the Architect.

**19.3.1.3** District's approval of the certified Application for Payment shall be based on Contractor complying with all requirements for a fully complete and valid certified Application for Payment.

### **19.3.2 Payments to Contractor**

**19.3.2.1** Within thirty (30) days after approval of the Application for Payment, Contractor shall be paid a sum equal to ninety-five percent (95%) of the value of the Work performed (as verified by Architect and Inspector and certified by Contractor) up to the last day of the previous month, less the aggregate of previous payments and amount to be withheld. The value of the Work completed shall be Contractor's best estimate. No inaccuracy or error in said estimate shall operate to release the Contractor, or any Surety upon any bond, from damages arising from such Work, or from the District's right to enforce each and every provision of this Contract, and the District shall have the right subsequently to correct any error made in any estimate for payment.

**19.3.2.2** The Contractor shall not be entitled to have any payment requests processed, or be entitled to have any payment made for Work performed, so long as any lawful or proper direction given by the District concerning the Work, or any portion thereof, remains incomplete.

**19.3.2.3** If the District fails to make any progress payment within thirty (30) days after receipt of an undisputed and properly submitted Application for Payment from the Contractor, the District shall pay interest to the Contractor equivalent to the legal rate set forth in subdivision (a) of Section 685.010 of the Code of Civil Procedure.

### **19.3.3 No Waiver**

No payment by District hereunder shall be interpreted so as to imply that District has inspected, approved, or accepted any part of the Work. Notwithstanding any payment, the District may enforce each and every provision of this Contract. The District may correct or require correction of any error subsequent to any payment.

## **19.4 Decisions to Withhold Payment**

### **19.4.1 Reasons to Withhold Payment**

The District may withhold payment in whole, or in part, to the extent reasonably necessary to protect the District if, in the District's opinion, the representations to the District required herein cannot be made. The District may withhold payment, in whole,

or in part, to such extent as may be necessary to protect the District from loss because of, but not limited to any of the following:

**19.4.1.1** Defective Work not remedied within **FORTY-EIGHT (48)** hours of written notice to Contractor.

**19.4.1.2** Stop Payment Notices or other liens served upon the District as a result of the Contract. Contractor agrees that the District may withhold up to 125% of the amount claimed in the Stop Payment Notice to answer the claim and to provide for the District's reasonable cost of any litigation pursuant to the stop payment notice.

**19.4.1.3** Written notice to withhold payment from Contractor by payment and/or performance bond surety(ies).

**19.4.1.4** Liquidated damages assessed against the Contractor.

**19.4.1.5** The cost of completion of the Contract if there exists a reasonable doubt that the Work can be completed for the unpaid balance of the Contract Price or by the completion date.

**19.4.1.6** Damage to the District or other contractor(s).

**19.4.1.7** Unsatisfactory prosecution of the Work by the Contractor.

**19.4.1.8** Failure to store and properly secure materials.

**19.4.1.9** Failure of the Contractor to submit, on a timely basis, proper, sufficient, and acceptable documentation required by the Contract Documents, including, without limitation, a Construction Schedule, Schedule of Submittals, Schedule of Values, Monthly Progress Schedules, Shop Drawings, Product Data and samples, Proposed product lists, executed Change Orders, and/or verified reports.

**19.4.1.10** Failure of the Contractor to maintain As-Built Drawings.

**19.4.1.11** Erroneous estimates by the Contractor of the value of the Work performed, or other false statements in an Application for Payment.

**19.4.1.12** Unauthorized deviations from the Contract Documents.

**19.4.1.13** Failure of the Contractor to prosecute the Work in a timely manner in compliance with the Construction Schedule, established progress schedules, and/or completion dates.

**19.4.1.14** Failure to provide acceptable electronic certified payroll records, as required by the Labor Code, by these Contract Documents, or by written request; for each journeyman, apprentice, worker, or other employee employed by the Contractor and/or by each Subcontractor in connection with the Work for the period of the Application for Payment or if payroll records are delinquent or inadequate.

**19.4.1.15** Failure to properly pay prevailing wages as required in Labor Code section 1720 et seq., failure to comply with any other Labor Code requirements,

and/or failure to comply with labor compliance monitoring and enforcement by the DIR.

**19.4.1.16** Allowing an unregistered subcontractor, as described in Labor Code section 1725.5, to engage in the performance of any work under this Contract.

**19.4.1.17** Failure to comply with any applicable federal statutes and regulations regarding minimum wages, withholding, payrolls and basic records, apprentice and trainee employment requirements, equal employment opportunity requirements, Copeland Act requirements, Davis-Bacon Act and related requirements, Contract Work Hours and Safety Standards Act requirements, if applicable.

**19.4.1.18** Failure to properly maintain or clean up the Site.

**19.4.1.19** Failure to timely indemnify, defend, or hold harmless the District.

**19.4.1.20** Any payments due to the District, including but not limited to payments for failed tests, utilities changes, or permits.

**19.4.1.21** Failure to pay Subcontractor(s) or supplier(s) as required by law and by the Contract Documents.

**19.4.1.22** Failure to pay any royalty, license, or similar fees.

**19.4.1.23** Contractor is otherwise in breach, default, or in substantial violation of any provision of this Contract.

**19.4.1.24** Failure to perform any implementation and/or monitoring required by any SWPPP for the Project and/or the imposition of any penalties or fines therefore whether imposed on the District or Contractor.

#### **19.4.2 Reallocation of Withheld Amounts**

**19.4.2.1** District may, in its discretion, apply any withheld amount to pay outstanding claims or obligations as defined herein. In so doing, District shall make such payments on behalf of Contractor. If any payment is so made by District, then that amount shall be considered a payment made under Contract by District to Contractor and District shall not be liable to Contractor for any payment made in good faith. These payments may be made without prior judicial determination of claim or obligation. District will render Contractor an accounting of funds disbursed on behalf of Contractor.

**19.4.2.2** If Contractor defaults or neglects to carry out the Work in accordance with the Contract Documents or fails to perform any provision thereof, District may, after **FORTY-EIGHT (48)** hours' written notice to the Contractor and, without prejudice to any other remedy, make good such deficiencies. The District shall adjust the total Contract Price by reducing the amount thereof by the cost of making good such deficiencies. If District deems it inexpedient to correct Work that is damaged, defective, or not done in accordance with Contract provisions, an equitable reduction in the Contract Price (of at least one hundred fifty percent (150%) of the estimated reasonable value of the nonconforming Work) shall be made therefor.

### **19.4.3 Payment After Cure**

When Contractor removes the grounds for declining approval, payment shall be made for amounts withheld because of them. No interest shall be paid on any retainage or amounts withheld due to the failure of the Contractor to perform in accordance with the terms and conditions of the Contract Documents.

## **19.5 Subcontractor Payments**

### **19.5.1 Payments to Subcontractors**

No later than seven (7) days after receipt, or pursuant to Business and Professions Code section 7108.5 and Public Contract Code section 7107, the Contractor shall pay to each Subcontractor, out of the amount paid to the Contractor on account of such Subcontractor's portion of the Work, the amount to which said Subcontractor is entitled. The Contractor shall, by appropriate agreement with each Subcontractor, require each Subcontractor to make payments to its Sub-subcontractors in a similar manner.

### **19.5.2 No Obligation of District for Subcontractor Payment**

The District shall have no obligation to pay, or to see to the payment of, money to a Subcontractor except as may otherwise be required by law.

### **19.5.3 Joint Checks**

District shall have the right in its sole discretion, if necessary for the protection of the District, to issue joint checks made payable to the Contractor and Subcontractors and/or material or equipment suppliers. The joint check payees shall be responsible for the allocation and disbursement of funds included as part of any such joint payment. In no event shall any joint check payment be construed to create any contract between the District and a Subcontractor of any tier, or a material or equipment supplier, any obligation from the District to such Subcontractor or a material or equipment supplier, or rights in such Subcontractor or a material or equipment supplier against the District.

## **20. COMPLETION OF THE WORK**

### **20.1 Completion**

**20.1.1** District will accept completion of Contract and have the Notice of Completion recorded when the entire Work shall have been completed to the satisfaction of District.

**20.1.2** The Work may only be accepted as complete by action of the governing board of the District.

**20.1.3** District, at its sole option, may accept completion of Contract and have the Notice of Completion recorded when the entire Work shall have been completed to the satisfaction of District, except for minor corrective items, as distinguished from incomplete items. If Contractor fails to complete all minor corrective items within fifteen (15) days after the date of the District's acceptance of completion, District shall withhold from the final payment one hundred fifty percent (150%) of an estimate of



the amount sufficient to complete the corrective items, as determined by District, until the item(s) are completed.

**20.1.4** At the end of the 15-day period, if there are any items remaining to be corrected, District may elect to proceed as provided herein related to adjustments to Contract Price, and/or District's right to perform the Work of the Contractor.

## **20.2 Close-Out/Certification Procedures**

### **20.2.1 Punch List**

The Contractor shall notify the Architect when Contractor considers the Work complete. Upon notification, Architect will prepare a list of minor items to be completed or corrected ("Punch List"). The Contractor and/or its Subcontractors shall proceed promptly to complete and correct items on the Punch List. Failure to include an item on Punch List does not alter the responsibility of the Contractor to complete all Work in accordance with the Contract Documents.

### **20.2.2 Close-Out/Certification Requirements**

#### **20.2.2.1 Utility Connections**

Buildings shall be connected to water, gas, sewer, and electric services, complete and ready for use. Service connections shall be made, and existing services reconnected.

#### **20.2.2.2 Record Drawings and Record Specifications**

**20.2.2.2.1** Contractor shall provide exact Record Drawings of the Work ("As-Built") and Record Specifications upon completion of the Project and as a condition precedent to approval of final payment.

**20.2.2.2.2** Contractor shall obtain the Inspector's approval of the corrected prints and employ a competent draftsman to transfer the Record Drawings information to the most current version of AutoCAD that is, at that time, currently utilized for plan check submission by either the District, the Architect, OPSC, and/or DSA, and print a complete set of transparent sepias. When completed, Contractor shall deliver corrected sepias and diskette/CD/other data storage device acceptable to District with AutoCAD file to the District.

**20.2.2.2.3** Contractor is liable and responsible for any and all inaccuracies in the Record Drawings and Record Specifications, even if inaccuracies become evident at a future date.

#### **20.2.2.3 Construction Storm Water Permit, if applicable**

Contractor shall submit to District all electronic or hard copy records required by the Construction Storm Water Permit, if applicable, within seven (7) days of Completion of the Project.

**20.2.2.4 Maintenance Manuals:** Contractor shall prepare all operation and maintenance manuals and date as indicated in the Specifications.

**20.2.2.5 Source Programming:** Contractor shall provide all source programming for all items in the Project.

**20.2.2.6 Verified Reports:** Contractor shall completely and accurately fill out and file forms DSA 6-C or DSA 152 (or current form), as appropriate. Refer to section 4-336 and section 4-343 of Part 1, Title 24 of the California Code of Regulations.

### **20.3 Final Inspection**

**20.3.1** Contractor shall comply with Punch List procedures as provided herein, and maintain the presence of a Project Superintendent and Project Manager until the Punch List is complete to ensure proper and timely completion of the Punch List. Under no circumstances shall Contractor demobilize its forces prior to completion of the Punch List without District's prior written approval. Upon receipt of Contractor's written notice that all of the Punch List items have been fully completed and the Work is ready for final inspection and District acceptance, Architect and Project Inspector will inspect the Work and shall submit to Contractor and District a final inspection report noting the Work, if any, required in order to complete in accordance with the Contract Documents. Absent unusual circumstances, this report shall consist of the Punch List items not yet satisfactorily completed.

**20.3.2** Upon Contractor's completion of all items on the Punch List and any other uncompleted portions of the Work, the Contractor shall notify the District and Architect, who shall again inspect such Work. If the Architect finds the Work complete and acceptable under the Contract Documents, the Architect will notify Contractor, who shall then jointly submit to the Architect and the District its final Application for Payment.

#### **20.3.3 Final Inspection Requirements**

**20.3.3.1** Before calling for final inspection, Contractor shall determine that the following have been performed:

**20.3.3.1.1** The Work has been completed.

**20.3.3.1.2** All life safety items are completed and in working order.

**20.3.3.1.3** Mechanical and electrical Work including, without limitation, security system, data, and fire alarm, are complete and tested, fixtures are in place, connected, and ready for tryout.

**20.3.3.1.4** Electrical circuits scheduled in panels and disconnect switches labeled.

**20.3.3.1.5** Painting and special finishes complete.

**20.3.3.1.6** Doors complete with hardware, cleaned of protective film, relieved of sticking or binding, and in working order.

**20.3.3.1.7** Tops and bottoms of doors sealed.

**20.3.3.1.8** Floors waxed and polished as specified.

**20.3.3.1.9** Broken glass replaced and glass cleaned.

**20.3.3.1.10** Grounds cleared of Contractor's equipment, raked clean of debris, and trash removed from Site.

**20.3.3.1.11** Work cleaned, free of stains, scratches, and other foreign matter, and damaged and broken material replaced.

**20.3.3.1.12** Finished and decorative work shall have marks, dirt, and superfluous labels removed.

**20.3.3.1.13** Final cleanup, as provided herein.

#### **20.4 Costs of Multiple Inspections**

More than two (2) requests of the District to make a final inspection shall be considered an additional service of District, Architect, Construction Manager, and/or Project Inspector, and all subsequent costs will be invoiced to Contractor and if funds are available, withheld from remaining payments.

#### **20.5 Partial Occupancy or Use Prior to Completion**

##### **20.5.1 District's Rights to Occupancy**

The District may occupy or use any completed or partially completed portion of the Work at any stage, and such occupancy shall not constitute the District's Final Acceptance of any part of the Work. Neither the District's Final Acceptance, the making of Final Payment, any provision in Contract Documents, nor the use or occupancy of the Work, in whole or in part, by District shall constitute acceptance of Work not in accordance with the Contract Documents nor relieve the Contractor or the Contractor's Performance Bond Surety from liability with respect to any warranties or responsibility for faulty or defective Work or materials, equipment and workmanship incorporated therein. In the event that the District occupies or uses any completed or partially completed portion of the Work, the Contractor shall remain responsible for payments, security, maintenance, heat, utilities, damage to the Work, insurance, the period for correction of the Work, and the commencement of warranties required by the Contract Documents unless the Contractor requests in writing, and the District agrees, to otherwise divide those responsibilities. Any dispute as to responsibilities shall be resolved pursuant to the Claims and Disputes provisions herein, with the added provision that during the dispute process, the District shall have the right to occupy or use any portion of the Work that it needs or desires to use.

##### **20.5.2 Inspection Prior to Occupancy or Use**

Immediately prior to partial occupancy or use, the District, the Contractor, and the Architect shall jointly inspect the area to be occupied or portion of the Work to be used in order to determine and record the condition of the Work.

##### **20.5.3 No Waiver**

Unless otherwise agreed upon, partial or entire occupancy or use of a portion or portions of the Work shall not constitute beneficial occupancy or District's acceptance of the Work not complying with the requirements of the Contract Documents.

## **21. FINAL PAYMENT AND RETENTION**

### **21.1 Final Payment**

Upon receipt and approval of a valid and final Application for Payment, the Architect will issue a final Certificate of Payment. The District shall thereupon jointly inspect the Work and either accept the Work as complete or notify the Architect and the Contractor in writing of reasons why the Work is not complete. Upon District's acceptance of the Work of the Contractor as fully complete by the Governing Board of the District (that, absent unusual circumstances, will occur when the Punch List items have been satisfactorily completed), the District shall record a Notice of Completion with the County Recorder, and the Contractor shall, upon receipt of final payment from the District, pay the amount due Subcontractors.

### **21.2 Prerequisites for Final Payment**

The following conditions must be fulfilled prior to Final Payment:

**21.2.1** A full release of all Stop Payment Notices served in connection with the Work shall be submitted by Contractor.

**21.2.2** A duly completed and executed conditional waiver and release upon final payment compliant with Civil Code section 8136, from the Contractor and each subcontractor of any tier and supplier to be paid from the final payment.

**21.2.3** A duly completed and executed unconditional waiver and release upon progress payment compliant with Civil Code section 8134, from the Contractor and each subcontractor of any tier and supplier that was paid from the previous progress payments.

**21.2.4** A duly completed and executed Document 00 65 19.26, "AGREEMENT AND RELEASE OF ANY AND ALL CLAIMS" from the Contractor.

**21.2.5** The Contractor shall have made all corrections to the Work that are required to remedy any defects therein, to obtain compliance with the Contract Documents or any requirements of applicable codes and ordinances, or to fulfill any of the orders or directions of District required under the Contract Documents.

**21.2.6** Each Subcontractor shall have delivered to the Contractor all written guarantees, warranties, applications, and bonds required by the Contract Documents for its portion of the Work.

**21.2.7** Contractor must have completed all requirements set forth under "Close-Out/Certification Procedures," including, without limitation, submission of an approved set of complete Record Drawings.

**21.2.8** Architect shall have issued its written approval that final payment can be made.

**21.2.9** The Contractor shall have delivered to the District all manuals and materials required by the Contract Documents, which must be approved by the District.

**21.2.10** The Contractor shall have completed final clean-up as provided herein.

### **21.3 Retention**

**21.3.1** The retention, less any amounts disputed by the District or that the District has the right to withhold pursuant to provisions herein, shall be paid:

**21.3.1.1** After approval by the Architect of the Application and Certificate of Payment,

**21.3.1.2** After the satisfaction of the conditions set forth herein, and

**21.3.1.3** After forty-five (45) days after the recording of the Notice of Completion by District.

**21.3.2** No interest shall be paid on any retention, or on any amounts withheld due to a failure of the Contractor to perform, in accordance with the terms and conditions of the Contract Documents.

### **21.4 Substitution of Securities**

The District will permit the substitution of securities in accordance with the provisions of Public Contract Code section 22300.

## **22. UNCOVERING OF WORK**

If a portion of the Work is covered without Inspector or Architect approval or not in compliance with the Contract Documents, it must, if required in writing by the District, the Project Inspector, or the Architect, be uncovered for the Project Inspector's or the Architect's observation and be corrected, replaced, and/or recovered at the Contractor's expense without change in the Contract Price or Contract Time.

## **23. NONCONFORMING WORK AND CORRECTION OF WORK**

### **23.1 Nonconforming Work**

**23.1.1** Contractor shall promptly remove from Premises all Work identified by District as failing to conform to the Contract Documents whether incorporated or not. Contractor shall promptly replace and re-execute its own Work to comply with the Contract Documents without additional expense to the District and shall bear the expense of making good all work of other contractors destroyed or damaged by any removal or replacement pursuant hereto and/or any delays to the District or other Contractors caused thereby.

**23.1.2** If Contractor does not remove Work that District has identified as failing to conform to the Contract Documents within a reasonable time, not to exceed **FORTY-EIGHT (48)** hours, District may remove it and may store any material at Contractor's expense. If Contractor does not pay expense(s) of that removal within ten (10) days' time thereafter, District may, upon ten (10) days' written notice, sell any material at auction or at private sale and shall deduct all costs and expenses incurred by the District and/or District may withhold those amounts from payment(s) to Contractor.

## **23.2 Correction of Work**

### **23.2.1 Correction of Rejected Work**

Pursuant to the notice provisions herein, the Contractor shall immediately correct the Work rejected by the District, the Architect, or the Project Inspector as failing to conform to the requirements of the Contract Documents, whether observed before or after Completion and whether or not fabricated, installed, or completed. The Contractor shall bear costs of correcting the rejected Work, including additional testing, inspections, and compensation for the Inspector's or the Architect's services and expenses made necessary thereby.

### **23.2.2 One-Year Warranty Corrections**

If, within one (1) year after the date of Completion of the Work or a designated portion thereof, or after the date for commencement of warranties established hereunder, or by the terms of an applicable special warranty required by the Contract Documents, any of the Work is found to be not in accordance with the requirements of the Contract Documents, the Contractor shall correct it promptly after receipt of written notice from the District to do so. This period of one (1) year shall be extended with respect to portions of the Work first performed after Completion by the period of time between Completion and the actual performance of the Work. This obligation hereunder shall survive District's acceptance of the Work under the Contract and termination of the Contract. The District shall give such notice promptly after discovery of the condition.

## **23.3 District's Right to Perform Work**

**23.3.1** If the Contractor should neglect to prosecute the Work properly or fail to perform any provisions of this contract, the District, after **FORTY-EIGHT (48)** hours' written notice to the Contractor, may, without prejudice to any other remedy it may have, make good such deficiencies and may deduct the cost thereof from the payment then or thereafter due the Contractor.

**23.3.2** If it is found at any time, before or after completion of the Work, that Contractor has varied from the Drawings and/or Specifications, including, but not limited to, variation in material, quality, form, or finish, or in the amount or value of the materials and labor used, District may require at its option:

**23.3.2.1** That all such improper Work be removed, remade, or replaced, and all work disturbed by these changes be made good by Contractor at no additional cost to the District;

**23.3.2.2** That the District deduct from any amount due Contractor the sum of money equivalent to the difference in value between the work performed and that called for by the Drawings and Specifications; or

**23.3.2.3** That the District exercise any other remedy it may have at law or under the Contract Documents, including but not limited to the District hiring its own forces or another contractor to replace the Contractor's nonconforming Work, in which case the District shall either issue a deductive Change Order, a Construction Change Directive, or invoice the Contractor for the cost of that work. Contractor shall pay any invoices within thirty (30) days of receipt of same or District may withhold those amounts from payment(s) to Contractor.

## **24. TERMINATION AND SUSPENSION**

### **24.1 District's Request for Assurances**

If District at any time reasonably believes Contractor is or may be in default under this Contract, District may in its sole discretion notify Contractor of this fact and request written assurances from Contractor of performance of Work and a written plan from Contractor to remedy any potential default under the terms this Contract that the District may advise Contractor of in writing. Contractor shall, within ten (10) calendar days of District's request, deliver a written cure plan that meets the District's requirements in its request for assurances. Contractor's failure to provide such written assurances of performance and the required written plan, within ten (10) calendar days of request, will constitute a material breach of this Contract sufficient to justify termination for cause.

### **24.2 District's Right to Terminate Contractor for Cause**

**24.2.1 Grounds for Termination:** The District, in its sole discretion, may terminate the Contract and/or terminate the Contractor's right to perform the work of the Contract based upon any of the following:

**24.2.1.1** Contractor refuses or fails to execute the Work or any separable part thereof with sufficient diligence as will ensure its completion within the time specified or any extension thereof, or

**24.2.1.2** Contractor fails to complete said Work within the time specified or any extension thereof, or

**24.2.1.3** Contractor persistently fails or refuses to perform Work or provide material of sufficient quality as to be in compliance with Contract Documents; or

**24.2.1.4** Contractor persistently refuses, or repeatedly fails, except in cases for which extension of time is provided, to supply enough properly skilled workers or proper materials to complete the Work in the time specified; or

**24.2.1.5** Contractor fails to make prompt payment to Subcontractors, or for material, or for labor; or

**24.2.1.6** Contractor persistently disregards laws, or ordinances, or instructions of District; or

**24.2.1.7** Contractor fails to supply labor, including that of Subcontractors, that is sufficient to prosecute the Work or that can work in harmony with all other elements of labor employed or to be employed on the Work; or

**24.2.1.8** Contractor or its Subcontractor(s) is/are otherwise in breach, default, or in substantial violation of any provision of this Contract, including but not limited to a lapse in licensing or registration.

### **24.2.2 Notification of Termination**

**24.2.2.1** Upon the occurrence at District's sole determination of any of the above conditions, District may, without prejudice to any other right or remedy, serve written notice upon Contractor and its Surety of District's termination of this

Contract and/or the Contractor's right to perform the work of the Contract. This notice will contain the reasons for termination. Unless, within three (3) days after the service of the notice, any and all condition(s) shall cease, and any and all violation(s) shall cease, or arrangement satisfactory to District for the correction of the condition(s) and/or violation(s) be made, this Contract and/or the Contractor's right to perform the Work of the Contract shall cease and terminate. Upon termination, Contractor shall not be entitled to receive any further payment until the entire Work is finished.

**24.2.2.2** Upon termination, District may immediately serve written notice of tender upon Surety whereby Surety shall have the right to take over and perform this Contract only if Surety:

**24.2.2.2.1** Within three (3) days after service upon it of the notice of tender, gives District written notice of Surety's intention to take over and perform this Contract; and

**24.2.2.2.2** Commences performance of this Contract within three (3) days from date of serving of its notice to District.

**24.2.2.3** Surety shall not utilize Contractor in completing the Project if the District notifies Surety of the District's objection to Contractor's further participation in the completion of the Project. Surety expressly agrees that any contractor which Surety proposes to fulfill Surety's obligations is subject to District's approval. District's approval shall not be unreasonably withheld, conditioned, or delayed.

**24.2.2.4** If Surety fails to notify District or begin performance as indicated herein, District may take over the Work and execute the Work to completion by any method it may deem advisable at the expense of Contractor and/or its Surety. Contractor and/or its Surety shall be liable to District for any excess cost or other damages the District incurs thereby. Time is of the essence in this Contract. If the District takes over the Work as herein provided, District may, without liability for so doing, take possession of and utilize in completing the Work such materials, appliances, plan, and other property belonging to Contractor as may be on the Site of the Work, in bonded storage, or previously paid for.

### **24.3 Termination of Contractor for Convenience**

**24.3.1** District in its sole discretion may terminate the Contract in whole or in part upon three (3) days' written notice to the Contractor.

**24.3.2** Upon notice, Contractor shall:

**24.3.2.1** Cease operations as directed by the District in the notice;

**24.3.2.2** Take necessary actions for the protection and preservation of the Work as soon as possible; and

**24.3.2.3** Terminate all existing subcontracts and purchase orders and enter into no further subcontracts and purchase orders.

**24.3.3** Within 30 days of the notice, Contractor submit to the District a payment application for the actual cost for labor, materials, and services performed, including



all Contractor's and Subcontractor(s)' mobilization and/or demobilization costs, that is unpaid. Contractor shall have no claims against the District except for the actual cost for labor, materials, and services performed that adequately documented through timesheets, invoices, receipts, or otherwise. District shall pay all undisputed invoice(s) for work performed until the notice of termination.

**24.3.4** Under a termination for convenience, the District retains the right to all the options available to the District if there is a termination for cause.

#### **24.4 Effect of Termination**

**24.4.1** Contractor shall, only if ordered to do so by the District, immediately remove from the Site all or any materials and personal property belonging to Contractor that have not been incorporated in the construction of the Work, or which are not in place in the Work. The District retains the right, but not the obligation, to keep and use any materials and personal property belonging to Contractor that have not been incorporated in the construction of the Work, or which are not in place in the Work. The Contractor and its Surety shall be liable upon the Performance Bond for all damages caused to the District by reason of the Contractor's failure to complete the Contract.

**24.4.2** In the event that the District shall perform any portion of, or the whole of the Work, pursuant to the provisions of the General Conditions, the District shall not be liable nor account to the Contractor in any way for the time within which, or the manner in which, the Work is performed by the District or for any changes the District may make in the Work or for the money expended by the District in satisfying claims and/or suits and/or other obligations in connection with the Work.

**24.4.3** In the event termination for cause is determined to have not been for cause, the termination shall be deemed to have been a termination for convenience effective as of the same date as the purported termination for cause.

**24.4.4** In the event that the Contract is terminated for any reason, no allowances or compensation will be granted for the loss of any anticipated profit by the Contractor or any impact or impairment of Contractor's bonding capacity.

**24.4.5** If the expense to the District to finish the Work exceeds the unpaid Contract Price, Contractor and Surety shall pay difference to District within twenty-one (21) days of District's request.

**24.4.6** The District shall have the right (but shall have no obligation) to assume and/or assign to a general contractor or construction manager or other third party who is qualified and has sufficient resources to complete the Work, the rights of the Contractor under its subcontracts with any or all Subcontractors. In the event of an assumption or assignment by the District, no Subcontractor shall have any claim against the District or third party for Work performed by Subcontractor or other matters arising prior to termination of the Contract. The District or any third party, as the case may be, shall be liable only for obligations to the Subcontractor arising after assumption or assignment. Should the District so elect, the Contractor shall execute and deliver all documents and take all steps, including the legal assignment of its contractual rights, as the District may require, for the purpose of fully vesting in the District the rights and benefits of its Subcontractor under Subcontracts or other obligations or commitments. All payments due the Contractor hereunder shall be

subject to a right of offset by the District for expenses and damages suffered by the District as a result of any default, acts, or omissions of the Contractor. Contractor must include this assignment provision in all of its contracts with its Subcontractors.

**24.4.7** The foregoing provisions are in addition to and not in limitation of any other rights or remedies available to District.

## **24.5 Emergency Termination of Public Contracts Act of 1949**

**24.5.1** This Contract is subject to termination as provided by sections 4410 and 4411 of the Government Code of the State of California, being a portion of the Emergency Termination of Public Contracts Act of 1949.

**24.5.1.1** Section 4410 of the Government Code states:

In the event a national emergency occurs, and public work, being performed by contract, is stopped, directly or indirectly, because of the freezing or diversion of materials, equipment or labor, as the result of an order or a proclamation of the President of the United States, or of an order of any federal authority, and the circumstances or conditions are such that it is impracticable within a reasonable time to proceed with a substantial portion of the work, then the public agency and the contractor may, by written agreement, terminate said contract.

**24.5.1.2** Section 4411 of the Government Code states:

Such an agreement shall include the terms and conditions of the termination of the contract and provision for the payment of compensation or money, if any, which either party shall pay to the other or any other person, under the facts and circumstances in the case.

**24.5.2** Compensation to the Contractor shall be determined at the sole discretion of District on the basis of the reasonable value of the Work done, including preparatory work. As an exception to the foregoing and at the District's discretion, in the case of any fully completed separate item or portion of the Work for which there is a separate previously submitted unit price or item on the accepted schedule of values, that price shall control. The District, at its sole discretion, may adopt the Contract Price as the reasonable value of the work done or any portion thereof.

## **24.6 Suspension of Work**

**24.6.1** District in its sole discretion may suspend, delay, or interrupt the Work in whole or in part for such period of time as the District may determine upon three (3) days written notice to the Contractor.

**24.6.1.1** An adjustment may be made for changes in the cost of performance of the Work caused by any such suspension, delay, or interruption. No adjustment shall be made to the extent:

**24.6.1.1.1** That performance is, was or would have been so suspended, delayed or interrupted by another cause for which Contractor is responsible; or

**24.6.1.1.2** That an equitable adjustment is made or denied under another provision of the Contract; or

**24.6.1.1.3** That the suspension of Work was the direct or indirect result of Contractor's failure to perform any of its obligations hereunder.

**24.6.1.2** Any adjustments in cost of performance may have a fixed or percentage fee as provided in the section on Format for Proposed Change Order herein. This amount shall be full compensation for all Contractor's and its Subcontractor(s)' changes in the cost of performance of the Contract caused by any such suspension, delay, or interruption.

## **25. CLAIMS PROCESS**

### **25.1 Obligation to File Claims for Disputed Work**

**25.1.1** Should Contractor otherwise seek extra time or compensation for any reason whatsoever ("Disputed Work"), then Contractor shall first follow procedures set forth in the Contract Documents including, without limitation, Articles 15, 16 and 17, all of which are conditions precedent to submitting a Claim pursuant to Article 25. A Notice of Delay or Proposed Change Order are less formal procedures that proceed the formal claim and do not constitute a Claim. A Claim also does not include correspondence, RFIs, vouchers, invoices, progress payment applications, or other routine or authorized form of requests for progress payments in compliance with the Contract. If a dispute remains, then Contractor shall give written notice to District that expressly invokes this Article 25 within the time limits set forth herein.

**25.1.2** Contractor's sole and exclusive remedy for Disputed Work is to file a written claim setting forth Contractor's position as required herein within the time limits set forth herein.

### **25.2 Duty to Perform during Claim Process**

Contractor and its subcontractors shall continue to perform its Work under the Contract including the disputed work, and shall not cause a delay of the Work during any dispute, claim, negotiation, mediation, or arbitration proceeding, except by written agreement by the District.

### **25.3 Definition of Claim**

**25.3.1** Pursuant to Public Contract Code section 9204, the term "Claim" means a separate demand by the Contractor sent by registered mail or certified mail with return receipt requested, for one or more of the following:

**25.3.1.1** A time extension, including without limitation, for relief of damages or penalties for delay assessed by the District under the Contract;

**25.3.1.2** Payment by the District of money or damages arising from work done by, or on behalf of, the Contractor pursuant to the Contract and payment of which is not otherwise expressly provided for or to which Contractor is not otherwise entitled to; or

**25.3.1.3** An amount of payment disputed by the District.

## **25.4 Claims Presentation**

### **25.4.1 Form and Contents of Claim**

**25.4.1.1** If Contractor intends to submit a Claim for an increase in the Contract Price and/or Contract Time for any reason including, without limitation, the acts of District or its agents, Contractor shall, within thirty (30) days after the event giving rise to the Claim, give notice of the Claim ("Notice of Potential Claim") in writing specifically identifying Contractor is invoking this Article 25 Claims Presentation. The Notice of Potential Claim shall provide Contractor's preliminary request for an adjustment to the Contract Price and/or Contract Time, with a description of the grounds therefore.

**25.4.1.2** Within thirty (30) days after serving the written Notice of Potential Claim, Contractor shall provide a Claim including an itemized statement of the details and amounts of its Claim for any increase in the Contract Price of Contract Time as provided below, including a Time Impact Analysis and any and all other documentation substantiating Contractor's claimed damages:

**25.4.1.2.1** The issues, events, conditions, circumstances and/or causes giving rise to the dispute, and shall show, in detail, the cause and effect of same;

**25.4.1.2.2** Citation to provisions in the Contract Documents, statute sections, and/or case law entitling Contractor to an increase in the Contract Price or Contract Time;

**25.4.1.2.3** The pertinent dates and/or durations and actual and/or anticipated effects on the Contract Price, Contract Schedule milestones and/or Contract Time adjustments;

**25.4.1.2.4** The Time Impact Analysis of all time delays that shows actual time impact on the critical path; and

**25.4.1.2.5** The line-item costs for labor, material, and/or equipment, if applicable, for all cost impacts priced like a change order according to Article 17 and must be updated monthly as to cost and entitlement if a continuing claim.

**25.4.1.3** The Claim shall include the following certification by the Contractor:

**25.4.1.3.1** The undersigned Contractor certifies under penalty of perjury that the attached dispute is made in good faith; that the supporting data is accurate and complete to the best of my knowledge and belief; that the amount requested accurately reflects the adjustment for which Contractor believes the District is liable; and that I am duly authorized to certify the dispute on behalf of the Contractor.

**25.4.1.3.2** Furthermore, Contractor understands that the value of the attached dispute expressly includes any and all of the Contractor's costs and expenses, direct and indirect, resulting from the Work performed on the Project, additional time required on the Project and/or resulting from delay to the Project including, without limitation, cumulative impacts. Contractor may

not separately recover for overhead or other indirect costs. Any costs, expenses, damages, or time extensions not included are deemed waived.

**25.4.2** Contractor shall bear all costs incurred in the preparation and submission of a Claim.

**25.4.3** Failure to timely submit a Claim and the requisite supporting documentation shall constitute a waiver of Contractor's claim(s) against the District and Contractor's Claim(s) for compensation or an extension of time shall be deemed waived, released, and discharged as to any entitlement for adjustment to Contract Price and/or Contract Time.

## **25.5 Claim Resolution pursuant to Public Contract Code section 9204**

Contractor may request to waive the claims procedure under Public Contract Code section 9204 and proceed directly to the commencement of a civil action or binding arbitration. If Contractor chooses to proceed, Contractor shall comply with the following steps:

### **25.5.1 STEP 1:**

**25.5.1.1** Upon receipt of a Claim by registered or certified mail, return receipt requested, including the documents necessary to substantiate it, the District shall conduct a reasonable review of the Claim and, within a period not to exceed 45 days, shall provide the Contractor a written statement identifying what portion of the Claim is disputed and what portion is undisputed. Upon receipt of a Claim, the District and Contractor may, by mutual agreement, extend the time period to provide a written statement. If the District needs approval from its governing body to provide the Contractor a written statement identifying the disputed portion and the undisputed portion of the Claim, and the governing body does not meet within the 45 days or within the mutually agreed to extension of time following receipt of Claim sent by registered mail or certified mail, return receipt requested, the District shall have up to three (3) days following the next duly publicly noticed meeting of the governing body after the 45-day period, or extension, expires to provide Contractor a written statement identifying the disputed portion and the undisputed portion.

**25.5.1.1.1** Any payment due on an undisputed portion of the Claim shall be processed and made within 60 days after the District issues its written statement. Amounts not paid in a timely manner as required by this section shall bear interest at seven percent (7%) per annum.

**25.5.1.2** Upon receipt of a Claim, the parties may mutually agree to waive, in writing, mediation and proceed directly to the commencement of a civil action or binding arbitration, as applicable. In this instance, District and Contractor must comply with the sections below regarding Public Contract Code section 20104 et seq. and Government Code Claim Act Claims.

**25.5.1.3** If the District fails to issue a written statement, or to otherwise meet the time requirements of this section, this shall result in the Claim being deemed rejected in its entirety. A Claim that is denied by reason of the District's failure to have responded to a Claim, or its failure to otherwise meet the time requirements

of this section, shall not constitute an adverse finding with regard to the merits of the Claim or the responsibility or qualifications of Contractor.

**25.5.2 STEP 2:**

**25.5.2.1** If Contractor disputes the District's written response, or if the District fails to respond to a Claim within the time prescribed, Contractor may demand in writing an informal conference to meet and confer for settlement of the issues in dispute. Upon receipt of a demand in writing sent by registered mail or certified mail, return receipt requested, the District shall schedule a meet and confer conference within 30 days for settlement of the dispute. Within 10 business days following the conclusion of the meet and confer conference, if the Claim or any portion of the Claim remains in dispute, the District shall provide the Contractor a written statement identifying the portion of the Claim that remains in dispute and the portion that is undisputed.

**25.5.2.1.1.1** Any payment due on an undisputed portion of the Claim shall be processed and made within 60 days after the District issues its written statement. Amounts not paid in a timely manner as required by this section shall bear interest at seven percent (7%) per annum.

**25.5.3 STEP 3:**

**25.5.3.1** Any disputed portion of the Claim, as identified by Contractor in writing, shall be submitted to nonbinding mediation, with the District and Contractor sharing the associated costs equally. The District and Contractor shall mutually agree to a mediator within 10 business days after the disputed portion of the Claim has been identified in writing. If the parties cannot agree upon a mediator, each party shall select a mediator and those mediators shall select a qualified neutral third party to mediate with regard to the disputed portion of the Claim. Each party shall bear the fees and costs charged by its respective mediator in connection with the selection of the neutral mediator. If mediation is unsuccessful, the parts of the Claim remaining in dispute shall be subject to applicable procedures outside this section.

**25.5.3.1.1** For purposes of this section, mediation includes any nonbinding process, including, but not limited to, neutral evaluation or a dispute review board, in which an independent third party or board assists the parties in dispute resolution through negotiation or by issuance of an evaluation. Any mediation utilized shall conform to the timeframes in this section.

**25.5.3.2** Unless otherwise agreed to by the District and Contractor in writing, the mediation conducted pursuant to this section shall excuse any further obligation under Public Contract Code section 20104.4 to mediate after litigation has been commenced.

**25.5.4 STEP 4:**

**25.5.4.1** If mediation under this section does not resolve the parties' dispute, the District may, but does not require arbitration of disputes under private arbitration or the Public Works Contract Arbitration Program.

## **25.6 Subcontractor Pass-Through Claims**

**25.6.1** If a subcontractor or a lower tier subcontractor lacks legal standing to assert a claim against a District because privity of contract does not exist, the contractor may present to the District a Claim on behalf of a subcontractor or lower tier subcontractor. A subcontractor may request in writing, either on his or her own behalf or on behalf of a lower tier subcontractor, that Contractor present a Claim for work which was performed by the subcontractor or by a lower tier subcontractor on behalf of the subcontractor. The subcontractor requesting that the Claim be presented to the District shall furnish reasonable documentation to support the Claim.

**25.6.2** Within 45 days of receipt of this written request from a subcontractor, Contractor shall notify the subcontractor in writing as to whether the Contractor presented the Claim to the District and, if Contractor did not present the Claim, provide the subcontractor with a statement of the reasons for not having done so.

**25.6.3** The Contractor shall bind all its Subcontractors to the provisions of this section and will hold the District harmless against Claims by Subcontractors.

## **25.7 Government Code Claim Act Claim**

**25.7.1** If a claim, or any portion thereof, remains in dispute upon satisfaction of all applicable Claim Resolution requirements the Contractor shall comply with all claims presentation requirements as provided in Chapter 1 (commencing with section 900) and Chapter 2 (commencing with section 910) of Part 3 of Division 3.6 of Title 1 of Government Code as a condition precedent to the Contractor's right to bring a civil action against the District.

**25.7.2** Contractor shall bear all costs incurred in the preparation, submission, and administration of a Claim. Any claims presented in accordance with the Government Code must affirmatively indicate Contractor's prior compliance with the claims procedure herein of the claims asserted.

**25.7.3** For purposes of those provisions, the running of the time within which a claim pursuant to Public Contract Code section 20104.2 only must be presented to the District shall be tolled from the time the claimant submits his or her written claim pursuant to subdivision (a) until the time that claim is denied as a result of the meet and confer process, including any period of time utilized by the meet and confer process.

## **25.8 Claim Resolution pursuant to Public Contract Code section 20104 et seq.**

**25.8.1** In the event of a disagreement between the parties as to performance of the Work, the interpretation of this Contract, or payment or nonpayment for Work performed or not performed, the parties shall attempt to resolve all claims of three hundred seventy-five thousand dollars (\$375,000) or less which arise between Contractor and District by those procedures set forth in Public Contract Code section 20104, et seq., to the extent applicable.

**25.8.1.1** Contractor shall file with the District any written Claim, including the documents necessary to substantiate it, upon the application for final payment.

**25.8.1.2** For claims of less than fifty thousand dollars (\$50,000), the District shall respond in writing within forty-five (45) days of receipt of the Claim or may request in writing within thirty (30) days of receipt of the Claim any additional documentation supporting the Claim or relating to defenses or claims the District may have against the Contractor.

**25.8.1.2.1** If additional information is required, it shall be requested and provided by mutual agreement of the parties.

**25.8.1.2.2** District's written response to the documented Claim shall be submitted to the Contractor within fifteen (15) days after receipt of the further documentation or within a period of time no greater than that taken by the Contractor to produce the additional information, whichever is greater.

**25.8.1.3** For claims of over fifty thousand dollars (\$50,000) and less than or equal to three hundred seventy-five thousand dollars (\$375,000), the District shall respond in writing to all written Claims within sixty (60) days of receipt of the claim, or may request, in writing, within thirty (30) days of receipt of the Claim any additional documentation supporting the Claim or relating to defenses or claims the District may have against the Contractor.

**25.8.1.3.1** If additional information is required, it shall be requested and provided upon mutual agreement of the District and the Contractor.

**25.8.1.3.2** The District's written response to the Claim, as further documented, shall be submitted to the Contractor within thirty (30) days after receipt of the further documentation, or within a period of time no greater than that taken by the Contractor to produce the additional information or requested documentation, whichever is greater.

**25.8.1.4** If Contractor disputes the District's written response, or the District fails to respond within the time prescribed, Contractor may so notify the District, in writing, either within fifteen (15) days of receipt of the District's response or within fifteen (15) days of the District's failure to respond within the time prescribed, respectively, and demand an informal conference to meet and confer for settlement of the issues in dispute. Upon a demand, the District shall schedule a meet and confer conference within thirty (30) days for settlement of the dispute.

**25.8.1.5** Following the meet and confer conference, if the Claim or any portion of it remains in dispute, the Contractor may file a claim as provided in Chapter 1 (commencing with Section 900) and Chapter 2 (commencing with Section 910) of Part 3 of Division 3.6 of Title 1 of the Government Code. For purposes of those provisions the running of the time within which a claim must be filed shall be tolled from the time the Contractor submits its written Claim until the time the Claim is denied, including any period of time utilized by the meet and confer process.

**25.8.1.6** For any civil action filed to resolve claims filed pursuant to this section, within sixty (60) days, but no earlier than thirty (30) days, following the filing of responsive pleadings, the court shall submit the matter to nonbinding mediation unless waived by mutual stipulation of both parties. The mediation process shall provide for the selection within fifteen (15) days by both parties of a disinterested third person as mediator, shall be commenced within thirty (30) days of the submittal, and shall be concluded within fifteen (15) days from the commencement



of the mediation unless a time requirement is extended upon a good cause showing to the court or by stipulation of both parties. If the parties fail to select a mediator within the 15-day period, any party may petition the court to appoint the mediator.

**25.8.1.7** If the matter remains in dispute, the case shall be submitted to judicial arbitration pursuant to Chapter 2.5 (commencing with Section 1141.10) of the Title 3 of Part 3 of the Code of Civil Procedure, notwithstanding Section 1141.11 of that code. The Civil Discovery Act of 1986, (Article 3 (commencing with Section 2016) of Chapter 3 of Title 3 of part 4 of the Code of Civil Procedure) shall apply to any proceeding brought under this subdivision consistent with the rules pertaining to judicial arbitration.

**25.8.1.8** The District shall not fail to pay money as to any portion of a Claim which is undisputed except as otherwise provided in the Contract Documents. In any suit filed pursuant to this section, the District shall pay interest due at the legal rate on any arbitration award or judgment. Interest shall begin to accrue on the date the suit is filed in a court of law.

**25.8.2** Contractor shall bind its Subcontractors to the provisions of this Section and will hold the District harmless against disputes by Subcontractors.

## **25.9 Claim Procedure Compliance**

**25.9.1** Failure to submit and administer claims as required in Article 25 shall waive Contractor's right to claim on any specific issues not included in a timely submitted claim. Claim(s) not raised in a timely protest and timely claim submitted under this Article 25 may not be asserted in any subsequent litigation, Government Code Claim, or legal action.

**25.9.2** District shall not be deemed to waive any provision under this Article 25, if at District's sole discretion, a claim is administered in a manner not in accord with this Article 25. Waivers or modifications of this Article 25 may only be made by a signed change order approved as to form by legal counsel for both District and Contractor; oral or implied modifications shall be ineffective.

## **25.10 Claim Resolution Non-Applicability**

**25.10.1** The procedures for dispute and claim resolutions set forth in this Article shall not apply to the following:

**25.10.1.1** Personal injury, wrongful death, or property damage claims;

**25.10.1.2** Latent defect or breach of warranty or guarantee to repair;

**25.10.1.3** Stop payment notices;

**25.10.1.4** District's rights set forth in the Article on Suspension and Termination;

**25.10.1.5** Disputes arising out of labor compliance enforcement by the Department of Industrial Relations; or

**25.10.1.6** District rights and obligations as a public entity set forth in applicable statutes; provided, however, that penalties imposed against a public entity by

statutes, including, but not limited to, Public Contract Code sections 20104.50 and 7107, shall be subject to the Claim Resolution requirements provided in this Article.

**25.11 Attorney's Fees**

**25.11.1** Should litigation be necessary to enforce any terms or provisions of this Agreement, then each party shall bear its own litigation and collection expenses, witness fees, court costs, and attorney's fees.

**26. STATE LABOR, WAGE & HOUR, APPRENTICE, AND RELATED PROVISIONS**

**26.1 Labor Compliance and Enforcement**

Since this Project is subject to labor compliance and enforcement by the Department of Industrial Relations ("DIR"), Contractor specifically acknowledges and understands that it shall perform the Work of this Agreement while complying with all the applicable provisions of Division 2, Part 7, Chapter 1, of the Labor Code and Title 8 of the California Code of Regulations, including, without limitation, the requirement that the Contractor and all Subcontractors shall timely furnish complete and accurate electronic certified payroll records directly to the DIR. The District may not issue payment if this requirement is not met.

**26.2 Wage Rates, Travel, and Subsistence**

**26.2.1** Pursuant to the provisions of Article 2 (commencing at section 1770), Chapter 1, Part 7, Division 2, of the Labor Code, the general prevailing rate of per diem wages and the general prevailing rate for holiday and overtime work in the locality in which this public work is to be performed for each craft, classification, or type of worker needed to execute this Contract are on file at the District's principal office and copies will be made available to any interested party on request. Contractor shall obtain and post a copy of these wage rates at the job site.

**26.2.2** Holiday and overtime work, when permitted by law, shall be paid for at the general prevailing rate of per diem wages for holiday and overtime work on file with the Director of the Department of Industrial Relations, unless otherwise specified. The holidays upon which those rates shall be paid need not be specified by the District, but shall be all holidays recognized in the applicable collective bargaining agreement. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code.

**26.2.3** Contractor shall pay and shall cause to be paid each worker engaged in Work on the Project the general prevailing rate of per diem wages determined by the Director of the Department of Industrial Relations, regardless of any contractual relationship which may be alleged to exist between Contractor or any Subcontractor and such workers.

**26.2.4** If during the period this bid is required to remain open, the Director of the Department of Industrial Relations determines that there has been a change in any prevailing rate of per diem wages in the locality in which the Work under the Contract is to be performed, such change shall not alter the wage rates in the Notice to Bidders or the Contract subsequently awarded.

**26.2.5** Pursuant to Labor Code section 1775, Contractor shall, as a penalty to District, forfeit the statutory amount (believed by the District to be currently up to two hundred dollars (\$200) for each calendar day, or portion thereof, for each worker paid less than the prevailing rates, determined by the District and/or the Director, for the work or craft in which that worker is employed for any public work done under Contract by Contractor or by any Subcontractor under it. The difference between such prevailing wage rates and the amount paid to each worker for each calendar day or portion thereof for which each worker was paid less than the prevailing wage rate shall be paid to each worker by Contractor.

**26.2.6** Any worker employed to perform Work on the Project, which Work is not covered by any classification listed in the general prevailing wage rate of per diem wages determined by the Director, shall be paid not less than the minimum rate of wages specified therein for the classification which most nearly corresponds to Work to be performed by him, and such minimum wage rate shall be retroactive to time of initial employment of such person in such classification.

**26.2.7** Pursuant to Labor Code section 1773.1, per diem wages are deemed to include employer payments for health and welfare, pension, vacation, travel time, subsistence pay, and apprenticeship or other training programs authorized by Labor Code section 3093, and similar purposes.

**26.2.8** Contractor shall post at appropriate conspicuous points on the Site of Project, a schedule showing all determined minimum wage rates and all authorized deductions, if any, from unpaid wages actually earned. In addition, Contractor shall post a sign-in log for all workers and visitors to the Site, a list of all subcontractors of any tier on the Site, and the required Equal Employment Opportunity poster(s).

### **26.3 Hours of Work**

**26.3.1** As provided in article 3 (commencing at section 1810), chapter 1, part 7, division 2, of the Labor Code, eight (8) hours of labor shall constitute a legal day's work. The time of service of any worker employed at any time by Contractor or by any Subcontractor on any subcontract under this Contract upon the Work or upon any part of the Work contemplated by this Contract shall be limited and restricted by Contractor to eight (8) hours per day, and forty (40) hours during any one week, except as hereinafter provided. Notwithstanding the provisions hereinabove set forth, Work performed by employees of Contractor in excess of eight (8) hours per day and forty (40) hours during any one week, shall be permitted upon this public work upon compensation for all hours worked in excess of eight (8) hours per day at not less than one and one-half times the basic rate of pay.

**26.3.2** Contractor shall keep and shall cause each Subcontractor to keep an accurate record showing the name of and actual hours worked each calendar day and each calendar week by each worker employed by Contractor in connection with the Work or any part of the Work contemplated by this Contract. The record shall be kept open at all reasonable hours to the inspection of District and to the Division of Labor Standards Enforcement of the DIR.

**26.3.3** Pursuant to Labor Code section 1813, Contractor shall as a penalty to the District forfeit the statutory amount (believed by the District to be currently twenty-five dollars (\$25)) for each worker employed in the execution of this Contract by Contractor or by any Subcontractor for each calendar day during which such worker is

required or permitted to work more than eight (8) hours in any one calendar day and forty (40) hours in any one calendar week in violation of the provisions of article 3 (commencing at section 1810), chapter 1, part 7, division 2, of the Labor Code.

**26.3.4** Any Work necessary to be performed after regular working hours, or on Sundays or other holidays shall be performed without additional expense to the District.

## **26.4**     **Payroll Records**

**26.4.1** Contractor shall upload, and shall cause each Subcontractor performing any portion of the Work under this Contract to upload, an accurate and complete certified payroll record ("CPR") electronically using DIR's eCPR System by uploading the CPRs by electronic XML file or entering each record manually using the DIR's iform (or current form) online on no less than every 30 days while Work is being performed and within 30 days after the final day of Work performed on the Project and within ten (10) days of any request by the District or Labor Commissioner at <http://www.dir.ca.gov/Public-Works/Certified-Payroll-Reporting.html> or current application and URL, showing the name, address, social security number, work classification, straight-time, and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker, or other employee employed by the Contractor and/or each Subcontractor in connection with the Work.

**26.4.1.1** The CPRs enumerated hereunder shall be filed directly with the DIR on a weekly basis or to the requesting party, whether the District or DIR, within ten (10) days after receipt of each written request. The CPRs from the Contractor and each Subcontractor for each week shall be provided on or before Wednesday of the week following the week covered by the CPRs. District may not make any payment to Contractor until:

**26.4.1.1.1** Contractor and/or its Subcontractor(s) provide CPRs acceptable to the DIR; and

**26.4.1.1.2** Any delay in Contractor and/or its Subcontractor(s) providing CPRs to the DIR in a timely manner may directly delay Contractor's payment.

**26.4.2** All CPRs shall be available for inspection at all reasonable hours at the principal office of Contractor on the following basis:

**26.4.2.1** A certified copy of an employee's CPR shall be made available for inspection or furnished to the employee or his/her authorized representative on request.

**26.4.2.2** CPRs shall be made available for inspection or furnished upon request to a representative of District, Division of Labor Standards Enforcement, Division of Apprenticeship Standards, and/or the DIR.

**26.4.2.3** CPRs shall be made available upon request by the public for inspection or copies thereof made; provided, however, that a request by the public shall be made through the District, Division of Apprenticeship Standards, or the Division of Labor Standards Enforcement. If the requested CPRs have not been provided pursuant to the provisions herein, the requesting party shall, prior to being

provided the records, reimburse the costs of preparation by Contractor, Subcontractors, and the entity through which the request was made. The public shall not be given access to the records at the principal office of Contractor.

**26.4.3** Any copy of records made available for inspection as copies and furnished upon request to the public or any public agency by District, Division of Apprenticeship Standards, or Division of Labor Standards Enforcement shall be marked or obliterated in such a manner as to prevent disclosure of an individual's name, address, and social security number. The name and address of Contractor awarded Contract or performing Contract shall not be marked or obliterated.

**26.4.4** Contractor shall inform District of the location of the records enumerated hereunder, including the street address, city, and county, and shall, within five (5) working days, provide a notice of change of location and address.

**26.4.5** In the event of noncompliance with the requirements of this section, Contractor shall have ten (10) days in which to comply subsequent to receipt of written notice specifying in what respects Contractor must comply with this section. Should noncompliance still be evident after the ten (10) day period, Contractor shall, as a penalty to District, forfeit up to one hundred dollars (\$100) for each calendar day, or portion thereof, for each worker, until strict compliance is effectuated. Upon the request of the Labor Commissioner, these penalties shall be withheld from progress payments then due.

**26.5**     **[RESERVED]**

**26.6**     **Apprentices**

**26.6.1** Contractor acknowledges and agrees that, if this Contract involves a dollar amount greater than, or a number of working days greater than that specified in Labor Code section 1777.5, then this Contract is governed by the provisions of Labor Code Section 1777.5. It shall be the responsibility of Contractor to ensure compliance with this Article and with Labor Code section 1777.5 for all apprenticeship occupations.

**26.6.2** Apprentices of any crafts or trades may be employed and, when required by Labor Code section 1777.5, shall be employed provided they are properly registered in full compliance with the provisions of the Labor Code.

**26.6.3** Every such apprentice shall be paid the standard wage paid to apprentices under the regulations of the craft or trade at which he/she is employed, and shall be employed only at the work of the craft or trade to which she/he is registered.

**26.6.4** Only apprentices, as defined in section 3077 of the Labor Code, who are in training under apprenticeship standards and written apprentice agreements under chapter 4 (commencing at section 3070), division 3, of the Labor Code, are eligible to be employed. The employment and training of each apprentice shall be in accordance with the provisions of the apprenticeship standards and apprentice agreements under which he/she is training.

**26.6.5** Pursuant to Labor Code section 1777.5, if that section applies to this Contract as indicated above, Contractor and any Subcontractors employing workers in any apprenticeable craft or trade in performing any Work under this Contract shall apply to the applicable joint apprenticeship committee for a certificate approving the

Contractor or Subcontractor under the applicable apprenticeship standards and fixing the ratio of apprentices to journeymen employed in performing the Work.

**26.6.6** Pursuant to Labor Code section 1777.5, if that section applies to this Contract as indicated above, Contractor and any Subcontractor may be required to make contributions to the apprenticeship program.

**26.6.7** If Contractor or Subcontractor willfully fails to comply with Labor Code section 1777.5, then, upon a determination of noncompliance by the Administrator of Apprenticeship, it shall:

**26.6.7.1** Be denied the right to bid on any subsequent project for one (1) year from the date of such determination;

**26.6.7.2** Forfeit as a penalty to District the full amount as stated in Labor Code section 1777.7. Interpretation and enforcement of these provisions shall be in accordance with the rules and procedures of the California Apprenticeship Council and under the authority of the Chief of the Division of Apprenticeship Standards.

**26.6.8** Contractor and all Subcontractors shall comply with Labor Code section 1777.6, which section forbids certain discriminatory practices in the employment of apprentices.

**26.6.9** Contractor shall become fully acquainted with the law regarding apprentices prior to commencement of the Work. Special attention is directed to sections 1777.5, 1777.6, and 1777.7 of the Labor Code, and title 8, California Code of Regulations, section 200 et seq. Questions may be directed to the State Division of Apprenticeship Standards, 455 Golden Gate Avenue, 9th floor, San Francisco, California 94102.

## **26.7 Non-Discrimination**

**26.7.1** Contractor herein agrees to comply with the provisions of the California Fair Employment and Housing Act as set forth in part 2.8 of division 3 of the California Government Code, commencing at section 12900; the Federal Civil Rights Act of 1964, as set forth in Public Law 88-352, and all amendments thereto; Executive Order 11246; and all administrative rules and regulations found to be applicable to Contractor and Subcontractor.

**26.7.2** Special requirements for Federally Assisted Construction Contracts: During the performance of this Contract, Contractor agrees to incorporate in all subcontracts the provisions set forth in Chapter 60-1.4(b) of Title 41 published in Volume 33 No. 104 of the Federal Register dated May 28, 1968.

## **26.8 Labor First Aid**

Contractor shall maintain emergency first aid treatment for Contractor's workers on the Project which complies with the Federal Occupational Safety and Health Act of 1970 (29 U.S.C. § 651 et seq.) and the California Occupational Safety and Health Act of 1973 (Lab. Code, § 6300 et seq.; 8 Cal. Code of Regs., § 330 et seq.).

**27. [RESERVED]**

**28. MISCELLANEOUS**

**28.1 Assignment of Antitrust Actions**

**28.1.1** Section 7103.5(b) of the Public Contract Code states:

In entering into a public works contract or subcontract to supply goods, services, or materials pursuant to a public works contract, the Contractor or subcontractor offers and agrees to assign to the awarding body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 (commencing with Section 16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, which assignment shall be made and become effective at the time the awarding body tenders final payment to the Contractor, without further acknowledgment by the parties.

**28.1.2** Section 4552 of the Government Code states:

In submitting a bid to a public purchasing body, the bidder offers and agrees that if the bid is accepted, it will assign to the purchasing body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 (commencing with Section 16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, materials, or services by the bidder for sale to the purchasing body pursuant to the bid. Such assignment shall be made and become effective at the time the purchasing body tenders final payment to the bidder.

**28.1.3** Section 4553 of the Government Code states:

If an awarding body or public purchasing body receives, either through judgment or settlement, a monetary recovery for a cause of action assigned under this chapter, the assignor shall be entitled to receive reimbursement for actual legal costs incurred and may, upon demand, recover from the public body any portion of the recovery, including treble damages, attributable to overcharges that were paid by the assignor but were not paid by the public body as part of the bid price, less the expenses incurred in obtaining that portion of the recovery.

**28.1.4** Section 4554 of the Government Code states:

Upon demand in writing by the assignor, the assignee shall, within one year from such demand, reassign the cause of action assigned under this part if the assignor has been or may have been injured by the violation of law for which the cause of action arose and (a) the assignee has not been injured thereby, or (b) the assignee declines to file a court action for the cause of action.

**28.1.5** Under this Article, "public purchasing body" is District and "bidder" is Contractor.

**28.2      Excise Taxes**

If, under Federal Excise Tax Law, any transaction hereunder constitutes a sale on which a Federal Excise Tax is imposed and the sale is exempt from such Federal Excise Tax because it is a sale to a State or Local Government for its exclusive use, District, upon request, will execute documents necessary to show (1) that District is a political subdivision of the State for the purposes of such exemption, and (2) that the sale is for the exclusive use of District. No Federal Excise Tax for such materials shall be included in any Contract Price.

**28.3      Taxes**

Contract Price is to include any and all applicable sales taxes or other taxes that may be due in accordance with section 7051 et seq. of the Revenue and Taxation Code, Regulation 1521 of the State Board of Equalization or any other tax code that may be applicable.

**28.4      Shipments**

Contractor is responsible for any or all damage or loss to shipments until delivered and accepted on Site, as indicated in the Contract Documents. There must be no charge for containers, packing, unpacking, drayage, or insurance. The total Contract Price shall be all inclusive (including sales tax) and no additional costs of any type will be considered.

**28.5      Compliance with Government Reporting Requirements**

If this Contract is subject to federal or other governmental reporting requirements because of federal or other governmental financing in whole or in part for the Project of which it is part, or for any other reason, Contactor shall comply with those reporting requirements at the request of the District at no additional cost.

END OF DOCUMENT



**SPECIAL CONDITIONS**

**1. Mitigation Measures**

Contractor shall comply with all applicable mitigation measures, if any, adopted by any public agency with respect to this Project pursuant to the California Environmental Quality Act. (Public Resources Code section 21000 *et seq.*)

**2. Modernization Projects**

1. **Access.** Access to the school buildings and entry to buildings, classrooms, restrooms, mechanical rooms, electrical rooms, or other rooms, for construction purposes, must be coordinated with District and onsite District personnel before Work is to start. Unless agreed to otherwise in writing, only a school custodian will be allowed to unlock and lock doors in existing building(s). The custodian will be available only while school is in session. If a custodian is required to arrive before 7:00 a.m. or leave after 3:30 p.m. to accommodate Contractor's Work, the overtime wages for the custodian will be paid by the Contractor, unless at the discretion of the District, other arrangements are made in advance.

2. **Keys.** Upon request, the District may, at its own discretion, provide keys to the school site for the convenience of the Contractor. The Contractor agrees to pay all expenses to re-key the entire school site and all other affected District buildings if the keys are lost or stolen, or if any unauthorized party obtains a copy of the key or access to the school.

3. **Maintaining Services.** The Contractor is advised that Work is to be performed in spaces regularly scheduled for instruction. Interruption and/or periods of shutdown of public access, electrical service, water service, lighting, or other utilities shall be only as arranged in advance with the District. Contractor shall provide temporary services to all facilities interrupted by Contractor's Work.

4. **Maintaining Utilities.** The Contractor shall maintain in operation during duration of Contract, drainage lines, storm drains, sewers, water, gas, electrical, steam, and other utility service lines within working area.

5. **Confidentiality.** Contractor shall maintain the confidentiality of all information, documents, programs, procedures, and all other items that Contractor encounters while performing the Work. This requirement shall be ongoing and shall survive the expiration or termination of this Contract and specifically includes, without limitation, all student, parent, and employee disciplinary information and health information.

6. **Work during Instructional Time.** By submitting its bid, Contractor affirms that Work may be performed during ongoing instruction in existing facilities. If so, Contractor agrees to cooperate to the best of its ability to minimize any disruption to

school operations and any use of school facilities by the public up to, and including, rescheduling specific work activities, at no additional cost to District.

7. **No Work during Student Testing.** Contractor shall, at no additional cost to the District and at the District's request, coordinate its Work to not disturb District students including, without limitation, not performing any Work when students at the Site are taking State or Federally-required tests.

### **3. Badge Policy for Contractors**

All Contractors doing work for the District will provide their workers with identification badges. These badges will be worn by all members of the Contractor's staff who are working in a District facility.

#### **8. Badges must be filled out in full and contain the following information:**

- 3.1.1** Name of Contractor
- 3.1.2** Name of Employee
- 3.1.3** Contractor's address and phone number

9. **Badges are to be worn when the Contractor or his/her employees are on site and must be visible at all times.** Contractors must inform their employees that they are required to allow District employees, the Architect, the Construction Manager, the Program Manager, or the Project Inspector to review the information on the badges upon request.

10. Continued failure to display identification badges as required by this policy may result in the individual being removed from the Project or assessment of fines against the Contractor.

### **4. Substitutions for Specified Items**

*Replace Section 1.7 in the General Conditions with the following provisions:*

**1.7.1** Whenever in the Specifications any materials, process, or article is indicated or specified by grade, patent, or proprietary name, or by name of manufacturer, that Specification shall be deemed to be followed by the words "or equal." Contractor may, unless otherwise stated, offer any material, process, or article that shall be substantially equal or better in every respect to that so indicated or specified.

**1.7.1.1** If the material, process, or article offered by Contractor is not, in the opinion of the District, substantially equal or better in every respect to that specified, then Contractor shall furnish the material, process, or article specified in the Specifications without any additional compensation or change order.

**1.7.1.2** This provision shall not be applicable with respect to any material, product, thing, or service for which District made findings and gave notice in accordance with Public Contract Code section 3400(c); therefore, Contractor shall not be entitled to request a substitution with respect to those materials, products, or services.

**1.7.2** A request for a substitution shall be submitted as follows:

**1.7.2.1** Contractor shall notify the District in writing of any request for a substitution at least ten (10) days prior to bid opening as indicated in the Instructions to Bidders.

**1.7.2.2** Requests for Substitutions after award of the Contract shall be submitted within thirty-five (35) days of the date of the Notice of Award.

**1.7.3** Within 35 days after the date of the Notice of Award, Contractor shall provide data substantiating a request for substitution of "an equal" item, including but not limited to the following:

**1.7.3.1** All variations of the proposed substitute from the material specified including, but not limited to, principles of operation, materials, or construction finish, thickness or gauge of materials, dimensions, weight, and tolerances;

**1.7.3.2** Available maintenance, repair, or replacement services;

**1.7.3.3** Increases or decreases in operating, maintenance, repair, replacement, and spare parts costs;

**1.7.3.4** Whether or not acceptance of the substitute will require other changes in the Work (or in work performed by the District or others under Contract with the District); and

**1.7.3.5** The time impact on any part of the Work resulting directly or indirectly from acceptance of the proposed substitute.

**1.7.4** No substitutions shall be made until approved, in writing, by the District. The burden of proof as to equality of any material, process, or article shall rest with Contractor. The Contractor warrants that if substitutes are approved:

**1.7.4.1** The proposed substitute is equal or superior in all respects to that specified, and that such proposed substitute is suitable and fit for the intended purpose and will perform adequately the function and achieve the results called for by the general design and the Contract Documents;

**1.7.4.2** The Contractor provides the same warranties and guarantees for the substitute that would be provided for that specified;

**1.7.4.3** The Contractor shall be fully responsible for the installation of the substitute and any changes in the Work required, either directly or indirectly, because of the acceptance of such substitute, with no increase in Contract Price or Contract Time. Incidental changes or extra component parts required to accommodate the substitute will be made by the Contractor without a change in the Contract Price or Contract Time;

**1.7.4.4** The Contractor shall be responsible for any re-design costs occasioned by District's acceptance and/or approval of any substitute; and

**1.7.4.5** The Contractor shall, in the event that a substitute is less costly than that specified, credit the District with one hundred percent (100%) of the net

difference between the substitute and the originally specified material. In this event, the Contractor agrees to execute a deductive Change Order to reflect that credit.

**1.7.5** In the event Contractor furnishes a material, process, or article more expensive than that specified, the difference in the cost of that material, process, or article so furnished shall be borne by Contractor.

**1.7.6** In no event shall the District be liable for any increase in Contract Price or Contract Time due to any claimed delay in the evaluation of any proposed substitute or in the acceptance or rejection of any proposed substitute.

**1.7.7** Contractor shall be responsible for any costs the District incurs for professional services, DSA fees, or delay to the Project Schedule, if applicable, while DSA reviews changes for the convenience of Contractor and/or to accommodate Contractor's means and methods. District may deduct those costs from any amounts owing to the Contractor for the review of the request for substitution, even if the request for substitution is not approved. District, at its sole discretion, shall deduct from the payments due to and/or invoice Contractor for all the professional services and/or DSA fees or delay to the Project Schedule, if applicable, while DSA reviews changes for the convenience of Contractor and/or to accommodate Contractor's means and methods arising herein.

**5. Weather Days**

**15.2.1.5** The number of days of Adverse Weather shall account for 22 Adverse Weather Calendar Days.

**[THE REMAINDER OF THIS PAGE LEFT BLANK INTENTIONALLY]**

**6. Insurance Policy Limits**

All of Contractor’s insurance shall be with insurance companies with an A.M. Best rating of no less than \_\_\_\_\_. The limits of insurance shall not be less than:

<b>Commercial General Liability</b>	Product Liability and Completed Operations, Fire Damage Liability – Split Limit	<b>[E.G. CHOOSE ONE OF THREE OPTIONS:</b> Option 1 - Low Risk Option: \$1,000,000 per occurrence; \$2,000,000 aggregate
		Option 2 - Intermediate Risk Option: \$2,000,000 per occurrence; \$4,000,000 aggregate
		Option 3 - High Risk Option: \$5,000,000 per occurrence; \$10,000,000 aggregate]
<b>Automobile Liability – Any Auto</b>	Combined Single Limit	<b>[E.G. CHOOSE ONE OF TWO OPTIONS:</b> Option 1: Personal vehicles: \$500,000 Commercial vehicles: \$1,000,000
		Option 2: Personal vehicles: \$100,000 per person/ \$300,000 per accident]
<b>Workers’ Compensation</b>		Statutory limits pursuant to State law
<b>Employer’s Liability</b>		<b>[E.G. \$0]</b>

**7. Permits, Certificates, Licenses, Fees, Approvals**

Payment for Permits, Certificates, Licenses, Fees, and Approvals. As required in the General Conditions, the Contractor shall secure and pay for all permits, licenses, approvals, and certificates necessary for the prosecution of the Work with the exception of the following:

\_\_\_\_\_

With respect to the above-listed items, Contractor shall be responsible for securing such items; however, District will be responsible for payment of these charges or fees.

Contractor shall notify the District of the amount due with respect to such items and to whom the amount is payable. Contractor shall provide the District with an invoice and receipt with respect to such charges or fees.

**8. As-Builts and Record Drawings**

11. Contractor shall submit As-Built Drawings pursuant to the Contract Documents consisting of one set of computer-aided design and drafting ("CADD") files in the following format: **AutoCAD 2024 Version, plus one set of As-Built Drawings as PDF files on thumb drive(s), and one printed full-size set.**

**9. Disabled Veteran Business Enterprises**

This Project uses or may plan to use funds allocated pursuant to the State of California School Facility Program ("Program") for the construction and/or modernization of school buildings. Therefore, Section 17076.11 of the Education Code requires the District to have a participation goal for disabled veteran business enterprises ("DVBE") of at least three percent (3%), per year, of the overall dollar amount expended each year by the District on projects that receive state funding. The Contractor must submit the Disabled Veteran Business Enterprise Participation Certification to the District with its executed Agreement, identifying the steps Contractor took to solicit DVBE participation in conjunction with this Contract.

**10. Construction Manager**

The District will use a Construction Manager on the Project that is the subject of this Contract. **SafeworkCM** is the Construction Manager for this Project. Contacts are listed elsewhere in these documents.

**11. Federal Funds - Wages**

As this Project is funded in whole or in part by federal funds, Contractor and all Subcontractors are subject to civil or criminal prosecution for any violation of the federal False Claims Act set forth under section 1001 of title 18 and section 231 of title 31 of the United States Code.

*The following provisions are added as Section 27 of the General Conditions:*

**27. FEDERAL LABOR, WAGE & HOUR, APPRENTICE, AND RELATED PROVISIONS**

**28. Minimum Wages**

The Davis-Bacon Act and 29 CFR parts 1 through 7 shall apply if the Project is financed in whole or in part from Federal funds or in accordance with guarantees of a Federal agency or financed from funds obtained by pledge of any contract of a Federal agency to make a loan, grant or annual contribution.

**11.1.1** All laborers and mechanics employed or working upon the Site of the Work (or under the United States Housing Act of 1937 or under the Housing Act of 1949 in the construction or development of the Project), will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account, except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3) , the full amount of wages and bona fide fringe benefits, or cash equivalents thereof, due at time of payment computed at rates not less than those contained in the applicable wage

determination of the Secretary of Labor regardless of any contractual relationship which may be alleged to exist between the Contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of this section, including but not limited to paragraph 27.1.7; also, regular contributions made or costs incurred for more than a weekly period, but not less often than quarterly, under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of Work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing Work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, that the employer's payroll records accurately set forth the time spent in each classification in which Work is performed. The wage determination including any additional classification and wage rates conformed under this section, including but not limited to paragraph 27.1.6 and the Davis-Bacon poster (WH-1321) shall be posted at all times by the Contractor and its Subcontractors at the Site of the Work in a prominent and accessible place where it can be easily seen by the workers.

**11.1.2** Any class of laborers or mechanics, including helpers, and which is to be employed under the Contract which is not listed in the wage determination shall be classified in conformance with the wage determination. An additional classification and wage rate and fringe benefits will not be approved unless when the following criteria have been met:

29. The Work to be performed by the classification requested is not performed by a classification in the wage determination; and

**11.1.2.1** The classification is utilized in the area by the construction industry; and

**11.1.2.2** The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

**11.1.3** If the Contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the District agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the Contractor to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210.

**11.1.4** In the event the Contractor, the laborers or mechanics to be employed in the classification or their representatives, and the District do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the Contractor shall provide the questions, including the views of all interested parties and the recommendation of the District, to the District for the District's review and referral to the Administrator for determination.

**11.1.5** The wage rate (including fringe benefits where appropriate) determined pursuant to this section, shall be paid to all workers performing Work in the

classification under this Contract from the first day on which Work is performed in the classification.

**11.1.6** Whenever the minimum wage rate prescribed in any applicable wage determination for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, Contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

**11.1.7** If the Contractor does not make payments to a trustee or other third person, the Contractor may consider, as part of the wages of any laborer or mechanic, the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, provided that the Secretary of Labor has found, upon the written request of the Contractor, that the applicable standards of the Davis-Bacon Act have been met. If the Secretary of Labor so requires, the Contractor shall set aside in a separate account sufficient assets to meet obligations under the plan or program.

**11.2 Withholding.** District may, upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the Contractor under this Contract or any other Federal contract with the same Contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same Contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the Contractor or any Subcontractor the full amount of wages required by the Contract. In the event of Contractor's or any Subcontractors' failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the Site of the Work (or under the United States Housing Act of 1937 or under the Housing Act of 1949 in the construction or development of the project), all or part of the wages required by the Contract, the District may, after written notice to the Contractor, sponsor, applicant, or owner, take such action as it deems necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

**11.3 Payrolls and basic records.**

**11.3.1** Payrolls and basic records relating thereto shall be maintained by the Contractor during the course of the Work and preserved for a period of three years thereafter for all laborers and mechanics working at the Site of the Work (or under the United States Housing Act of 1937, or under the Housing Act of 1949, in the construction or development of the project). Such records shall contain the name, address, and social security number of each worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the Contractor shall maintain records that show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs



shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

**11.3.2** The Contractor shall submit weekly for each week in which any Contract Work is performed a copy of all payrolls to the District. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead, the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information shall be submitted on a form acceptable to the District. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <https://www.dol.gov/whd/programs/dbra/wh347.htm> or its successor site. Contractor is responsible for the submission of copies of payrolls by all Subcontractors. Contractor and Subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the District, the Contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. Contractor may require a Subcontractor to provide addresses and social security numbers to the Contractor for its own records, without weekly submission to the District or other government agency.

**11.3.3** Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the Contractor or Subcontractor or his or her agent who pays or supervises the payment of the persons employed under the Contract and shall certify the following:

**11.3.3.1** That the payroll for the payroll period contains the information required to be provided under 29 CFR 5.5 (a)(3)(ii) of Regulations, 29 CFR part 5,

**11.3.3.2** That the appropriate information is being maintained under 29 CFR 5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and

**11.3.3.3** That such information is correct and complete;

**11.3.3.4** That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the Contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and

**11.3.3.5** That no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

**11.3.3.6** That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of Work performed, as specified in the applicable wage determination incorporated into or applicable to the Contract.

**11.3.3.7** The weekly submission of a properly executed certification in the form set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 27.3.3 of this section.

**11.3.3.8** The falsification of any of the above certifications may subject the Contractor or one or more Subcontractors to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

**11.3.3.9** The Contractor or Subcontractor shall make the records required under this section available for inspection, copying, or transcription by authorized representatives of the District or the federal Department of Labor, and shall permit representatives to interview employees during working hours on the job. If the Contractor or Subcontractor fails to submit the required records or to make them available, the Federal agency may, after written notice to the Contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

#### **11.4      Apprentices and trainees**

**11.4.1      Apprentices.** Apprentices will be permitted to work at less than the predetermined rate for the Work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first ninety (90) days of probationary employment as an apprentice in an eligible apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job Site in any craft classification shall not be greater than the ratio permitted to the Contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of Work actually performed. In addition, any apprentice performing Work on the job Site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the Work actually performed. Where a Contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the Contractor's or Subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the Contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the Work performed until an acceptable program is approved.

**11.4.2 Trainees.** Except as provided in 29 CFR 5.16, trainees will not be permitted to Work at less than the predetermined rate for the Work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job Site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of Work actually performed. In addition, any trainee performing Work on the job Site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the Work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the Contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the Work performed until an acceptable program is approved.

**11.4.3 Equal employment opportunity.** The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

**11.5** Compliance with Copeland Act requirements. Contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this Contract.

**11.6** Subcontracts. The Contractor or Subcontractor shall insert in any subcontracts the clauses contained in 29 CFR 5.5(a)(1) through (10) and such other clauses as the Federal agency may by appropriate instructions require, and also a clause requiring the Subcontractors to include these clauses in any lower tier subcontracts. The Contractor shall be responsible for the compliance by any Subcontractor or lower tier Subcontractor with all the Contract clauses in 29 CFR 5.5.

**11.7** Contract termination: debarment. A breach of the Contract clauses in 29 CFR 5.5 may be grounds for termination of the Contract, and for debarment as a Contractor and a Subcontractor as provided in 29 CFR 5.12.

**11.8** Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this Contract.

**11.9** Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this Contract shall not be subject to the general disputes clause of this Contract. Such disputes shall be resolved in accordance with the procedures of

the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the Contractor (or any of its Subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

**11.10 Certification of eligibility.**

**11.10.1** By entering into this Contract, the Contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the Contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

**11.10.2** No part of this Contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

**11.10.3** Contractor shall be subject to the penalty for making false statements prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

**11.11 Clauses Mandated by Contract Work Hours and Safety Standards Act.**

As used in the following paragraphs, the terms laborers and mechanics include watchmen and guards.

**11.11.1 Overtime requirements.** No Contractor or Subcontractor contracting for any part of the Contract Work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such Work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

**11.11.2 Violation; liability for unpaid wages; liquidated damages.** In the event of any violation of the clause set forth in the foregoing paragraph the Contractor and any Subcontractor responsible therefore shall be liable for the unpaid wages. In addition, such Contractor and Subcontractor shall be liable to the United States for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the foregoing paragraph, in the sum of \$10 for each calendar day on which such individual was required or permitted to Work in excess of the standard workweek of forty hours without payment of the overtime wages required by the foregoing paragraph.

**11.11.3 Withholding for unpaid wages and liquidated damages.** The District may upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of Work performed by the Contractor or Subcontractor under the Contract or any other Federal contract with the same Contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same Contractor, such sums as may be determined to be necessary to satisfy any liabilities of such Contractor or Subcontractor for unpaid wages and liquidated damages as provided in the foregoing paragraph.

**11.11.4 Subcontracts.** The Contractor or Subcontractor shall insert in any subcontracts the foregoing paragraphs concerning "Overtime requirements" and "Violation; liability for unpaid wages; liquidated damages" and also a clause requiring each Subcontractor to include these clauses in any lower tier subcontracts. Contractor shall be responsible for compliance by any Subcontractor or lower tier Subcontractor with the clauses set forth in paragraphs 27.11.1 through 27.11.4 of this section.

**15. Federal Funds – Debarment**

*As this Project is funded in whole or in part by federal funds, the following provision is added as Section 6.1.5 of the General Conditions:*

This Project uses or may plan to use federal funds. Consequently, Contractor is required to provide a signed "Federal Debarment" certification with its bid. This certification is required by the regulation implementing Executive Order 12549, Debarment and Suspension, 29 CFR Part 89, Section 98.510, Participants; responsibilities. The regulations were published as Part of VII of the May 26, 1988 Federal Register (pages 19160-19211).

**16. Federal Funds – Byrd Anti-Lobbying**

*As this Project is funded in whole or in part by federal funds, the following provision is added as Section 6.1.7 of the General Conditions:*

If the contract exceeds \$100,000, Contractor is required to provide a signed "Byrd Anti-Lobbying" certification with its bid ((31 U.S.C. 1352) (Appendix II to 2 CFR, Part 200)).

**17. Federal Funds – Procurement of recovered materials**

*As this Project is funded in whole or in part by federal funds, the following provision is added as Section 6.13.5 of the General Conditions:*

Contractor must comply with section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

**18. Federal Funds - Domestic preferences for procurements**

*As this Project is funded in whole or in part by a federal grant made after November 12, 2020, the following provision is added as Section 1.8.10 of the General Conditions:*

**1.8.10** As appropriate and to the extent consistent with law, Contractor should, to the greatest extent practicable for the Project, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured

products). The requirements of this section must be included in all subcontracts and purchase orders for work or products for the Project.

**1.8.10.1** "Produced in the United States" means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.

**1.8.10.2** "Manufactured products" means items and construction materials composed in whole or in part of non-ferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber.

## **19. Preliminary Schedule of Values**

The preliminary schedule of values shall include, at a minimum, the following information, and the following structure:

*Replace Section 10.1.1.2.3 in the General Conditions with the following provisions:*

**10.1.1.2.3** The preliminary schedule of values shall not provide for values any greater than the following percentages of the Contract value:

**10.1.1.2.3.1** Mobilization and layout combined to equal not more than **[2]**%;

**10.1.1.2.3.2** Submittals, samples and shop drawings combined to equal not more than **[4]**%;

**10.1.1.2.3.3** Bonds and insurance combined to equal not more than **[2.5]**%.

**10.1.1.2.3.4** Closeout documentation shall have a value in the preliminary schedule of not less than **[10]**%.

## **20. COVID-19 Safety Requirements**

Contractor shall, at its cost, timely comply with all applicable federal, State, and local requirements relating to COVID-19 or other public health emergency/epidemic/pandemic protocols.

END OF DOCUMENT

**HAZARDOUS MATERIALS**  
**PROCEDURES & REQUIREMENTS**

1. Summary

This document includes information applicable to hazardous materials and hazardous waste abatement.

2. Notice of Hazardous Waste or Materials

- Contractor shall give notice in writing to the District, the Construction Manager, and the Architect promptly, before any of the following materials are disturbed, and in no event later than twenty-four (24) hours after first observance, of any:
  - (1) Material that Contractor believes may be a material that is hazardous waste or hazardous material, as defined in section 25117 of the Health and Safety Code, that is required to be removed to a Class I, Class II, or Class III disposal site in accordance with provisions of existing law;
  - (2) Other material that may present a substantial danger to persons or property exposed thereto in connection with Work at the site.
- Contractor's written notice shall indicate whether the hazardous waste or material was shown or indicated in the Contract Documents to be within the scope of Work, and whether the materials were brought to the site by Contractor, its Subcontractors, suppliers, or anyone else for whom Contractor is responsible. As used in this section the term "hazardous materials" shall include, without limitation, asbestos, lead, Polychlorinated biphenyl (PCB), petroleum and related hydrocarbons, and radioactive material.
- In response to Contractor's written notice, the District shall investigate the identified conditions.
- If the District determines that conditions do not involve hazardous materials or that no change in terms of Contract is justified, the District shall so notify Contractor in writing, stating reasons. If the District and Contractor cannot agree on whether conditions justify an adjustment in Contract Price or Contract Time, or on the extent of any adjustment, Contractor shall proceed with the Work as directed by the District.
- If after receipt of notice from the District, Contractor does not agree to resume Work based on a reasonable belief it is unsafe, or does not agree to resume Work under special conditions, then District may order such portion of Work that is in connection with such hazardous condition or such affected area to be deleted from the Work, or performed by others, or District may invoke its rights to terminate the Contract in whole or in part. District will determine entitlement to or the amount or extent of an adjustment, if any, in Contract Price or Contract Time as a result of deleting such portion of Work, or performing the Work by others.

- If Contractor stops Work in connection with any hazardous condition and in any area affected thereby, Contractor shall immediately redeploy its workers, equipment, and materials, as necessary, to other portions of the Work to minimize delay and disruption.

### 3. Additional Warranties and Representations

- Contractor represents and warrants that it, its employees, and its subcontractors and their employees, shall at all times have the required levels of familiarity with the Site and the Work, training, and ability to comply fully with all applicable laws and contractual requirements for safe and expeditious performance of the Work, including whatever training is or may be required regarding the activities to be performed (including, but not limited to, all training required to address adequately the actual or potential dangers of Contract performance).
- Contractor represents and warrants that it, its employees, and its subcontractors and their employees, shall at all times have and maintain in good standing any and all certifications and licenses required by applicable federal, state, and other governmental and quasi-governmental requirements applicable to the Work.
- Contractor represents and warrants that it has studied carefully all requirements of the Specifications regarding procedures for demolition, hazardous waste abatement, or safety practices, specified in the Contract, and prior to submitting its bid, has either (a) verified to its satisfaction that the specified procedures are adequate and sufficient to achieve the results intended by the Contract Documents, or (b) by way of approved "or equal" request or request for clarification and written Addenda, secured changes to the specified procedures sufficient to achieve the results intended by the Contract Documents. Contractor accepts the risk that any specified procedure will result in a completed Project in full compliance with the Contract Documents.

### 4. Monitoring and Testing

- District reserves the right, in its sole discretion, to conduct air monitoring, earth monitoring, Work monitoring, and any other tests (in addition to testing required under the agreement or applicable law), to monitor Contract requirements of safe and statutorily compliant work methods and (where applicable) safe re-entry level air standards under state and federal law upon completion of the job, and compliance of the work with periodic and final inspection by public and quasi-public entities having jurisdiction.
- Contractor acknowledges that District has the right to perform, or cause to be performed, various activities and tests including, but not limited to, pre-abatement, during abatement, and post-abatement air monitoring, that District shall have no obligation to perform said activities and tests, and that a portion of said activities and tests may take place prior to the completion of the Work by Contractor. In the event District elects to perform these activities and tests, Contractor shall afford District ample access to the Site and all areas of the Work as may be necessary for the performance of these activities and tests. Contractor will include the potential impact of these activities or tests by District in the Contract Price and the Scheduled Completion Date.



- Notwithstanding District's rights granted by this paragraph, Contractor may retain its own industrial hygiene consultant at Contractor's own expense and may collect samples and may perform tests including, but not limited to, pre-abatement, during abatement, and post-abatement personal air monitoring, and District reserves the right to request documentation of all such activities and tests performed by Contractor relating to the Work and Contractor shall immediately provide that documentation upon request.

#### 5. Compliance with Laws

- Contractor shall perform safe, expeditious, and orderly work in accordance with the best practices and the highest standards in the hazardous waste abatement, removal, and disposal industry, the applicable law, and the Contract Documents, including, but not limited to, all responsibilities relating to the preparation and return of waste shipment records, all requirements of the law, delivering of all requisite notices, and obtaining all necessary governmental and quasi-governmental approvals.
- Contractor represents that it is familiar with and shall comply with all laws applicable to the Work or completed Work including, but not limited to, all federal, state, and local laws, statutes, standards, rules, regulations, and ordinances applicable to the Work relating to:
  - (1) The protection of the public health, welfare and environment;
  - (2) Storage, handling, or use of asbestos, PCB, lead, petroleum-based products, radioactive material, or other hazardous materials;
  - (3) The generation, processing, treatment, storage, transport, disposal, destruction, or other management of asbestos, PCB, lead, petroleum, radioactive material, or hazardous waste materials or other waste materials of any kind; and
  - (4) The protection of environmentally sensitive areas such as wetlands and coastal areas.

#### 6. Disposal

- Contractor has the sole responsibility for determining current waste storage, handling, transportation, and disposal regulations for the job Site and for each waste disposal facility. Contractor must comply fully at its sole cost and expense with these regulations and any applicable law. District may, but is not obligated to, require submittals with this information for it to be reviewed consistent with the Contract Documents.
- Contractor shall develop and implement a system acceptable to District to track hazardous waste from the Site to disposal, including appropriate "Hazardous Waste Manifests" on the EPA form, so that District may track the volume of waste it put in each landfill and receive from each landfill a certificate of receipt.
- Contractor shall provide District with the name and address of each waste disposal facility prior to any disposal, and District shall have the express right to reject any

proposed disposal facility. Contractor shall not use any disposal facility to which District has objected. Contractor shall document actual disposal or destruction of waste at a designated facility by completing a disposal certificate or certificate of destruction forwarding the original to the District.

## 7. Permits

- Before performing any of the Work, and at such other times as may be required by applicable law, Contractor shall deliver all requisite notices and obtain the approval of all governmental and quasi-governmental authorities having jurisdiction over the Work. Contractor shall submit evidence satisfactory to District that it and any disposal facility:
  - (1) have obtained all required permits, approvals, and the like in a timely manner both prior to commencement of the Work and thereafter as and when required by applicable law; and
  - (2) are in compliance with all such permits, approvals, and the regulations.

For example, before commencing any work in connection with the Work involving asbestos-containing materials, or PCBs, or other hazardous materials subject to regulation, Contractor agrees to provide the required notice of intent to renovate or demolish to the appropriate state or federal agency having jurisdiction, by certified mail, return receipt requested, or by some other method of transmittal for which a return receipt is obtained, and to send a copy of that notice to District. Contractor shall not conduct any Work involving asbestos-containing materials or PCBs unless Contractor has first confirmed that the appropriate agency having jurisdiction is in receipt of the required notification. All permits, licenses, and bonds that are required by governmental or quasi-governmental authorities, and all fees, deposits, tap fees, offsite easements, and asbestos and PCB disposal facilities expenses necessary for the prosecution of the Work, shall be procured and paid for by Contractor. Contractor shall give all notices and comply with all the applicable laws bearing on the conduct of the Work as drawn and specified. If Contractor observes or reasonably should have observed that Plans and Specifications and other Contract Documents are at variance therewith, it shall be responsible for promptly notifying District in writing of such fact. If Contractor performs any Work contrary to applicable laws, it shall bear all costs arising therefrom.

- In the case of any permits or notices held in District's name or of necessity to be made in District's name, District shall cooperate with Contractor in securing the permit or giving the notice, but the Contractor shall prepare for District review and execution upon approval, all necessary applications, notices, and other materials.

## 8. Indemnification

To the fullest extent permitted by law, the indemnities and limitations of liability expressed throughout the Contract Documents apply with equal force and effect to any claims or liabilities imposed or existing by virtue of the removal, abatement, and disposal of hazardous waste. This includes, but is not limited to, liabilities connected

to the selection and use of a waste disposal facility, a waste transporter, personal injury, property damage, loss of use of property, damage to the environment or natural resources, or "disposal" and "release" of materials associated with the Work (as defined in 42 U.S.C. § 9601 *et seq.*).

9. Termination

District shall have an absolute right to terminate for default immediately without notice and without an opportunity to cure should Contractor knowingly or recklessly commit a material breach of the terms of the Contract Documents, or any applicable law, on any matter involving the exposure of persons or property to hazardous waste. However, if the breach of contract exposing persons or property to hazardous waste is due solely to an ordinary, unintentional, and non-reckless failure to exercise reasonable care, then the procedures for termination for cause shall apply without modification.

END OF DOCUMENT



**BCSD**

# **DIVISION 01 GENERAL REQUIREMENTS**

**SUMMARY OF WORK**

**PART 1 - GENERAL**

**1.01 RELATED DOCUMENTS AND PROVISIONS**

All Contract Documents should be reviewed for applicable provisions related to the provisions in this document, including without limitation:

- A. General Conditions, including, without limitation, Site Access Conditions and Requirements;
- B. Special Conditions.

**1.02 SUMMARY OF WORK COVERED BY CONTRACT DOCUMENTS**

- A. The Work of this Contract consists of the following:

Selective Demolition and Construction necessary for the **5-Phase Modernization** of Horace Mann Elementary School. Existing Buildings B, C, D, E, M-1, M-2, and M-3 will be Modernized in **5-Phases** along with all ADA & Site/ Chiller Yards. This work is associated with Architectural, Structural, Plumbing, Mechanical and Electrical Low Voltage work as indicated in the Drawings and Specifications. Generally, these categories of work involve Hazardous Material Abatement, Demolition, Adaptive Re-Use and Modification of certain selected areas, New Finishes, Accessibility Compliance, Re-Roofing, HVAC Upgrades at Instructional Area, Expanding Selected Infrastructure Utilities, Campus-Wide Fire Alarm Upgrades, and Extensive Modifications. The Project will involve the "phasing" and barricading of work areas as indicated on the Logistics Plan and enumerated in these Specifications. This is a Multiple Prime Package project as clarified below.

**1.03 CONTRACTS**

- A. Perform the Work under a single, fixed-price Contract. This is a multiple-prime contractor project as clarified below.

**1.04 WORK BY OTHERS**

- A. Work on the Project that will be coordinated by others concurrent with the Work of this Contract:

**Bid Package Breakdown:**

- #HMES-00 – General Information for All Bid Packages
- #HMES-01 – Demolition & Abatement; (B) or (C-21/22)
- #HMES-02 – General Trade; (B)
- #HMES-03 – Mechanical; (C-20)
- #HMES-04 – Electrical & Low Voltage; (C-10)
- #HMES-05 – Plumbing & Site Utilities; (C-36)
- #HMES-06 – Carpet; (C-15)
- #HMES-07 – Ceramic Tile; (C-54)

- #HMES-08 – Acoustical Ceilings & Tackboards (C-2)
- #HMES-09 – Plaster & Drywall (C-9 and C-35)
- #HMES-10 – Painting (C-33)
- #HMES-11 – Carpentry & Insulation (C-2 and C-5)

### **1.05 CODES, REGULATIONS, AND STANDARDS**

- A. The codes, regulations, and standards adopted by the state and federal agencies having jurisdiction shall govern minimum requirements for this Project. Where codes, regulations, and standards conflict with the Contract Documents, these conflicts shall be brought to the immediate attention of the District and the Architect.
- B. Codes, regulations, and standards shall be as published effective as of date of bid opening, unless otherwise specified or indicated.

### **1.06 PROJECT RECORD DOCUMENTS**

- A. Contractor shall maintain on Site one set of the following record documents; Contractor shall record actual revisions to the Work:
  - (1) Contract Drawings.
  - (2) Specifications.
  - (3) Addenda.
  - (4) Change Orders and other modifications to the Contract.
  - (5) Reviewed shop drawings, product data, and samples.
  - (6) Field test records.
  - (7) Inspection certificates.
  - (8) Manufacturer's certificates.
- B. Contractor shall store Record Documents separate from documents used for construction. Provide files, racks, and secure storage for Record Documents and samples.
- C. Contractor shall record information concurrent with construction progress.
- D. Specifications: Contractor shall legibly mark and record at each product section of the Specifications the description of the actual product(s) installed, including the following:
  - (1) Manufacturer's name and product model and number.
  - (2) Product substitutions or alternates utilized.
  - (3) Changes made by Addenda and Change Orders and written directives.

### **1.07 EXAMINATION OF EXISTING CONDITIONS**

- A. Contractor shall be held to have examined the Project Site and acquainted itself with the conditions of the Site and of the streets or roads approaching the Site.
- B. Prior to commencement of Work, Contractor shall survey the Site and existing buildings and improvements to observe existing damage and defects such as cracks, sags, broken, missing or damaged glazing, other building elements and Site improvements, and other damage.
- C. Should Contractor observe cracks, sags, and other damage to and defects of the Site and adjacent buildings, paving, and other items not indicated in the Contract Documents, Contractor shall immediately report same to the District and the Architect.

### **1.08 CONTRACTOR'S USE OF PREMISES**

- A. If unoccupied and only with District's prior written approval, Contractor may use the building(s) at the Project Site without limitation for its operations, storage, and office facilities for the performance of the Work. If the District chooses to beneficially occupy any building(s), Contractor must obtain the District's written approval for Contractor's use of spaces and types of operations to be performed within the building(s) while so occupied. Contractor's access to the building(s) shall be limited to the areas indicated.
- B. If the space at the Project Site is not sufficient for Contractor's operations, storage, office facilities and/or parking, Contractor shall arrange and pay for any additional facilities needed by Contractor.
- C. Contractor shall not interfere with use of or access to occupied portions of the building(s) or adjacent property.
- D. Contractor shall maintain corridors, stairs, halls, and other exit-ways of building clear and free of debris and obstructions at all times.
- E. No one other than those directly involved in the demolition and construction, or specifically designated by the District or the Architect shall be permitted in the areas of work during demolition and construction activities.
- F. The Contractor shall install the construction fence and maintain that it will be locked when not in use. Keys to this fencing will be provided to the District.

### **1.09 PROTECTION OF EXISTING STRUCTURES AND UTILITIES**

- A. The Drawings show above-grade and below-grade structures, utility lines, and other installations that are known or believed to exist in the area of the Work. Contractor shall locate these existing installations before proceeding with excavation and other operations that could damage same; maintain them in service, where appropriate; and repair damage to them caused by the performance of the Work. Should damage occur to these existing installations, the costs of repair shall be at the Contractor's expense and made to the District's satisfaction.

- B. Contractor shall be alert to the possibility of the existence of additional structures and utilities. If Contractor encounters additional structures and utilities, Contractor will immediately report to the District for disposition of same as indicated in the General Conditions.

**1.10 UTILITY SHUTDOWNS AND INTERRUPTIONS**

- A. Contractor shall give the District a minimum of three (3) days written notice in advance of any need to shut off existing utility services or to effect equipment interruptions. The District will set exact time and duration for shutdown, and will assist Contractor with shutdown. Work required to re-establish utility services shall be performed by the Contractor.
- B. Contractor shall obtain District's written approval as indicated in the General Conditions in advance of deliveries of material or equipment or other activities that may conflict with District's use of the building(s) or adjacent facilities.

**1.11 STRUCTURAL INTEGRITY**

- A. Contractor shall be responsible for and supervise each operation and work that could affect structural integrity of various building elements, both permanent and temporary.
- B. Contractor shall include structural connections and fastenings as indicated or required for complete performance of the Work.

**PART 2 – PRODUCTS**

Not Used.

**PART 3 – EXECUTION**

Not Used.

END OF DOCUMENT



**ALLOWANCES**

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

A. Non-specified work.

**1.2 RELATED SECTIONS**

A. Document 01 10 00 (Summary of Work)

B. Document 01 29 00 (Payments and Completion)

C. Document 01 32 19 (Submittal Procedures)

**1.3 SUMMARY**

A. This Section specifies administrative and procedural requirements governing handling and processing allowances.

1. Selected materials, services, equipment, related items and in some cases, their installation and related/non-related work are shown and specified in the Contract Documents by allowances herein. Allowances have been established in lieu of additional requirements and to defer selection of actual materials, miscellaneous additional work scope and equipment to a later date when additional information is available for evaluation.

2. Special allowances have been established for unforeseen conditions, latent conditions and related item to be authorized by the Architect for use.

B. Types of allowances required include the following:

1. Lump Sum Allowances in Base Bid.

C. Related Requirements:

1. Division 1 Section "Modification Procedures" for procedures for submitting and handling Change Orders.

2. Division 1 Section "Summary of Work" for additional requirements on purchase contracts.

**1.4 ALLOWANCES**

A. Included in the Contract, a stipulated sum/price as an allowance as clarified below for all Bid Packages within the limits set forth in the Contract Documents. This Allowance shall not be utilized without written approval by the District.

B. Contractor's costs, without overhead and profit, for products, delivery, installation, labor, insurance, payroll, taxes, bonding and equipment rental will be included in Allowance Expenditure Directive authorizing expenditure of funds from this

Allowance. No overhead and profit shall be added to the Allowance Expenditure Directive.

- C. Funds will be drawn from Allowance only with District approval evidenced by an Allowance Expenditure Directive.
- D. The direct costs for products or equipment ordered by the Owner under the lump sum allowances, including delivery, installation, taxes, and similar costs are part of the allowance. Vendor shall provide insurance as required by the Owner. Contractor shall agree to accept insurance required by Owner for vendor for allowance item. If the contractor requires any special insurance, additional requirements and or bonding of any allowance vendor, contractor shall allow for this cost in his base bid or alternate bid if allowance is tied to an alternate.
- E. In the event the work under allowance cannot be completed during the duration of the project as prescribed under "Project Summary", contractor may elect to request additional extended overhead. Extended overhead will be determined by actual costs incurred by contractor specific to this project and verified by project schedule.
- F. At Contract closeout, funds remaining in Allowance will be credited to District by Change Order.
- G. Whenever costs are more than the Allowance, the amount covered by the Allowance will be approved at cost. The Contract Price shall be adjusted by Change Order for amounts in excess of the Allowance.
- H. Supplementary Instructions (SI) authorizing use of funds from the lump sum allowance will not include the Contractor's related costs and reasonable overhead, supervision, profit margins and other related costs as these costs are already in the contractor's proposal/bid.
- I. At Project closeout, credit unused amounts remaining in the allowance to Owner by Negative Change Order amount for unused amounts.
- J. The contractor shall include in his base bid all overhead, profit, supervision, bonds, insurance and all other indirect costs for allowance items. None of these items will be added to lump sum and miscellaneous allowance as it is used by the Owner and directed by the architect. In the event the allowance is required in an Alternate, the contractor shall include in his alternate bid all overhead, profit, supervision, bonds, insurance and all other indirect costs for allowance items specific to that alternate.

## **1.5 SUBMITTALS**

- A. Submit proposals for purchase of products or systems included in allowances, in the form specified for Change Orders.
- B. Submit invoices or delivery slips to indicate actual quantities of materials delivered to the site for use in fulfillment of each allowance.

## **PART 2 PRODUCTS**

Not used.

## **PART 3 EXECUTION**

### **0.1 INSPECTION**

- D. Inspect products covered by an allowance promptly upon delivery for damage or defects.

### **0.2 PREPARATION**

- A. Coordinate materials and their installation for each allowance with related materials and installations to ensure that each allowance item is completely integrated and interfaced with related construction activities.
- B. Coordinate scheduling of Owner selected Vendors. Obtain availability schedules from Vendors early in project to coordinate timing of special milestones and products necessary for implementation into overall construction activities.

### **0.3 SCHEDULE OF BASE BID ALLOWANCES**

- A. Please reference the Allowances Schedule per Bid Package below.
  - **#FES-01 – Demolition & Abatement**
    - i. **Allowance #01 – Unforeseen Conditions**  
Include the sum of **\$50,000.00** in your Contract Amount for the following: Unforeseen utilities, unforeseen existing utilities investigation, necessary utility relocation, selective demolition, and other unforeseen items not identified in the Contract Documents.
  - **#FES-02 – General Trade**
    - i. **Allowance #01 – Unforeseen Conditions**  
Include the sum of **\$50,000.00** in your Contract Amount for the following: Unforeseen framing, wall furring, roofing discrepancies, repair of unidentified surfaces, ADA POT, unforeseen discoveries, unforeseen existing utilities investigation, necessary utility relocation, other unforeseen items not identified in the Contract Documents.
  - **#FES-03 – Mechanical**
    - i. **Allowance #01 – Unforeseen Conditions**  
Include the sum of **\$50,000.00** in your Contract Amount for the following: Unforeseen discoveries, unforeseen existing utilities investigation, necessary utility relocation, other unforeseen items not identified in the Contract Documents.
  - **#FES-04 – Electrical & Low Voltage**
    - i. **Allowance #01 – Unforeseen Conditions**  
Include the sum of **\$100,000.00** in your Contract Amount for the following: Unforeseen discoveries, unforeseen existing utilities investigation, necessary utility relocation, other unforeseen items not identified in the Contract Documents.

- **#FES-05 – Plumbing & Site Utilities**
  - i. **Allowance #01 – Unforeseen Conditions**  
Include the sum of **\$50,000.00** in your Contract Amount for the following:  
Unforeseen discoveries, unforeseen existing utilities investigation, necessary utility relocation, other unforeseen items not identified in the Contract Documents.
  
- **#FES-09 – Plaster and Drywall**
  - i. **Allowance #01 – Unforeseen Conditions**  
Include the sum of **\$50,000.00** in your Contract Amount for the following:  
Unforeseen discoveries, exposed areas requiring patchwork, other unforeseen items not identified in the Contract Documents.
  
- **#FES-11 – Carpentry and Insulation**
  - i. **Allowance #01 – Unforeseen Conditions**  
Include the sum of **\$50,000.00** in your Contract Amount for the following:  
Unforeseen discoveries, exposed areas requiring patchwork, other unforeseen items not identified in the Contract Documents.

END OF DOCUMENT

**ALTERNATES AND UNIT PRICING**

**PART 1 – ALTERNATES**

**1.01 RELATED DOCUMENTS AND PROVISIONS**

All Contract Documents should be reviewed for applicable provisions related to the provisions in this document, including without limitation:

- A. General Conditions;
- B. Special Conditions;
- C. Bid Form and Proposal;
- D. Instruction to Bidders.

**1.02 DESCRIPTION**

The items of work indicated below propose modifications to, substitutions for, additions to and/or deletions from the various parts of the Work specified in other Sections of the Specifications. The acceptance or rejection of any of the alternates is strictly at the option of the District subject to District's acceptance of Contractor's stated prices contained in this Proposal.

**1.03 SUMMARY**

- A. This Section specifies administrative and procedural requirements for Alternates.
- B. Definition: An Alternate is an amount proposed by Bidders and stated on the Bid Form for certain construction activities defined in the Bidding Requirements that may be added to the Base Bid amount if the Owner decides to accept a corresponding change in either the amount of construction to be completed, or in the products, materials, equipment, systems or installation methods described in Contract Documents. See each alternate in schedule of alternates below for construction duration impacts if any.
  - 1. Where items or portions of items are added or removed to the Base Bid by alternate, it shall be the responsibility of the Contractor to allow for any reduction or additional material or labor which may be required to finish items not so removed, thereby providing a complete and finished condition matching that of similar conditions which are a part of the Contract.
    - a. Add: Where alternates are noted as Add, Contractor shall allow for work indicated to be in alternate cost and shall be the amount that Base Bid would be increased.
  - 2. A bidder's un-awarded alternative bids remain open for a period of 180 calendar after award of contract or acceptance of completed project, whichever come

- first, as irrevocable offers to enter into either change orders or separate contracts for the stated price adjustment.
3. The Construction time allotted for this project shall not be changed by the acceptance of any alternate unless indicated in the Alternate Schedule herein.
- C. Coordination: Contractor to coordinate related Work and modify or adjust adjacent Work as necessary to ensure that Work affected by each accepted Alternate is complete and fully integrated into the project.
1. Coordination: Modify or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
  2. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
  3. Refer to Allowance Section where Alternates are affected by Allowances.

#### **1.04 GENERAL**

Where an item is omitted, or scope of Work is decreased, all Work pertaining to the item whether specifically stated or not, shall be omitted and where an item is added or modified or where scope of Work is increased, all Work pertaining to that required to render same ready for use on the Project in accordance with intention of Drawings and Specifications shall be included in an agreed upon price amount.

#### **1.05 BASE BID**

The Base Bid includes all work required to construct the Project completely and in accordance with the Contract Documents.

#### **1.06 NOTIFICATION**

- A. Immediately following the award of the Contract, prepare and distribute to each party involved, notification of the status of each Alternate. Indicate whether Alternates have been accepted, rejected or deferred for consideration at a later date. Include a complete description of negotiated modifications to Alternates.
1. Owner may defer the award of any alternates, refer to supplemental conditions and herein.

#### **1.07 SCHEDULE OF ALTERNATES**

Reference the Schedule of Alternates per Bid Package below.

A. **#FES-01 – Demolition & Abatement**

(1) **Additive Alternate #01 – Doors, Windows, and Frames**

This Bid Package to include Additive Alternate #01 to add the Demolition component to the existing Doors, Door Frames, Windows, and Window Frames as specified in the Contract Documents and Hazardous

Abatement Plan. This excludes all new Restroom Doors which will be a part of the Base Bid Amount.

(2) **Additive Alternate #02 – Casework**

This Bid Package to include Additive Alternate #02 to add the Demolition component to the existing Casework & Framing as specified in the Contract Documents and Hazardous Abatement Plan.

(3) **Additive Alternate #04 –Buildings M-2 & M-3 Roofing Demolition & Abatement**

This Bid Package to include Additive Alternate #04 to add the demolition and abatement to existing roofing at Buildings M-2 & M-3 only. All demolition and abatement for the roof openings as reflected in the drawings are a part of the Base Bid Amount.

B. **#FES-02 – General Trade**

(1) **Additive Alternate #01 – Doors, Windows, and Frames**

This Bid Package to include Additive Alternate #01 to add in their scope the New Doors, Door Frames, Windows, and Window Frames as specified in the Contract Documents. This excludes all new Restroom Doors which will be a part of the Base Bid Amount.

(2) **Additive Alternate #02 – Door Hardware**

This Bid Package to include Additive Alternate #02 to add in their scope the Demolition and New Door Hardware as specified in the Contract Documents. This excludes all new Restroom Doors which will be a part of the Base Bid Amount.

(3) **Additive Alternate #04 –Buildings M-2 & M-3 New Roofing**

This Bid Package to include Additive Alternate #04 to add new roofing to existing Buildings M-2 & M-3 only. All demolition and abatement for the roof openings as reflected in the drawings are a part of the Base Bid Amount.

C. **#FES-11 – Carpentry and Insulation**

(1) **Additive Alternate #03 – Casework**

This Bid Package to include Additive Alternate #03 to add in their scope the New Casework as specified in the Contract Documents. This excludes all ADA Casework adjustments to meet ADA requirements which will be a part of the Base Bid Amount.

The above Alternate descriptions are general in nature and for reference purposes only. The Contract Documents, including, without limitation, the Drawings and Specifications, must be referred to for the complete scope of Work.

## **PART 2 - UNIT PRICING**

### **2.01 GENERAL**

Contractor shall completely state all required figures based on Unit Prices listed below. Where scope of Work is decreased, all Work pertaining to the item, whether specifically stated or not, shall be omitted and where scope of Work is increased, all work pertaining to that item required to render same ready for use on the Project in accordance with intention of Drawings and Specifications shall be included in an agreed upon price amount.

### **2.02 UNIT PRICES**

Contractors to reference the Unit Pricing Table as reflected in the Bid Proposal Form for each respective Bid Package.

END OF DOCUMENT



**PRODUCT OPTIONS AND SUBSTITUTIONS**

**PART 3 - GENERAL**

**3.01 RELATED DOCUMENTS AND PROVISIONS**

All Contract Documents should be reviewed for applicable provisions related to the provisions in this document, including without limitation:

- A. Instructions to Bidders;
- B. General Conditions, including, without limitation, Substitutions For Specified Items; and
- C. Special Conditions.

**3.02 SUBSTITUTIONS OF MATERIALS AND EQUIPMENT**

- A. Catalog numbers and specific brands or trade names followed by the designation "or equal" are used in conjunction with material and equipment required by the Specifications to establish the standards of quality, utility, and appearance required. Substitutions which are equal in quality, utility, and appearance to those specified may be reviewed subject to the provisions of the General Conditions.
- B. Wherever more than one manufacturer's product is specified, the first-named product is the basis for the design used in the work and the use of alternative-named manufacturers' products or substitutes may require modifications in that design. If such alternatives are proposed by Contractor and are approved by the District and/or the Architect, Contractor shall assume all costs required to make necessary revisions and modifications of the design resulting from the substitutions requested by the Contractor.
- C. When materials and equipment are specified by first manufacturer's name and product number, second manufacturer's name and "or approved equal," supporting data for the second product, if proposed by Contractor, shall be submitted in accordance with the requirements for substitutions. The District's Board has found and determined that certain item(s) shall be used on this Project based on the purpose(s) indicated pursuant to Public Contract Code section 3400(c). These findings, as well as the products and brand or trade names, have been identified in the Notice to Bidders.
- D. The Contractor will not be allowed to substitute specified items unless the request for substitution is submitted as follows:
  - (1) District must receive any notice of request for substitution of a specified item a minimum of ten (10) calendar days prior to bid opening.

- (2) Within 35 days after the date of the Notice of Award, the Contractor shall submit data substantiating the request(s) for all substitution(s) containing sufficient information to assess acceptability of product or system and impact on Project, including, without limitation, the requirements specified in the Special Conditions and the technical Specifications. Insufficient information shall be grounds for rejection of substitution.
- E. If the District and/or Architect, in reviewing proposed substitute materials and equipment, require revisions or corrections to be made to previously accepted Shop Drawings and supplemental supporting data to be resubmitted, Contractor shall promptly do so. If any proposed substitution is judged by the District and/or Architect to be unacceptable, the specified material or equipment shall be provided.
- F. Samples may be required. Tests required by the District and/or Architect for the determination of quality and utility shall be made at the expense of Contractor, with acceptance of the test procedure first given by the District.
- G. In reviewing the supporting data submitted for substitutions, the District and/or Architect will use for purposes of comparison all the characteristics of the specified material or equipment as they appear in the manufacturer's published data even though all the characteristics may not have been particularly mentioned in the Contract Documents. If more than two (2) submissions of supporting data are required, the cost of reviewing the additional supporting data shall be borne by Contractor, and the District will deduct the costs from the Contract Price. The Contractor shall be responsible for any re-design costs occasioned by District's acceptance and/or approval of any substitute.
- H. The Contractor shall, in the event that a substitute is less costly than that specified, credit the District with one hundred percent (100%) of the net difference between the substitute and the originally specified material. In this event, the Contractor agrees to execute a deductive Change Order to reflect that credit. In the event Contractor furnishes a material, process, or article more expensive than that specified, the difference in the cost of that material, process, or article so furnished shall be borne by Contractor.
- I. In no event shall the District be liable for any increase in Contract Price or Contract Time due to any claimed delay in the evaluation of any proposed substitute or in the acceptance or rejection of any proposed substitute.

**PART 4 – PRODUCTS Not Used.**

**PART 5 – EXECUTION Not Used.**

END OF DOCUMENT

DOCUMENT 01 26 00

**CHANGES IN THE WORK**

**CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE PROVISIONS IN THE AGREEMENT, GENERAL CONDITIONS, AND SPECIAL CONDITIONS, IF USED, RELATED TO CHANGES AND/OR REQUESTS FOR CHANGES.**

END OF DOCUMENT

DOCUMENT 01 29 00

**APPLICATION FOR PAYMENT AND  
CONDITIONAL AND UNCONDITIONAL WAIVER AND RELEASE FORMS**

**CONTRACTOR SHALL COMPLY WITH ALL PROVISIONS IN THE GENERAL  
CONDITIONS RELATED TO APPLICATIONS FOR PAYMENT AND/OR PAYMENTS.**

**BAKERSFIELD CITY SCHOOL DISTRICT  
Horace Mann Elementary School  
District No. 22214.00-32**

**APPLICATION FOR PAYMENT AND  
CONDITIONAL AND UNCONDITIONAL  
WAIVER AND RELEASE FORMS  
DOCUMENT 01 29 00-16**

**CONDITIONAL WAIVER AND RELEASE  
ON PROGRESS PAYMENT  
(CIVIL CODE SECTION 8132)**

NOTICE: THIS DOCUMENT WAIVES THE CLAIMANT'S LIEN, STOP PAYMENT NOTICE, AND PAYMENT BOND RIGHTS EFFECTIVE ON RECEIPT OF PAYMENT. A PERSON SHOULD NOT RELY ON THIS DOCUMENT UNLESS SATISFIED THAT THE CLAIMANT HAS RECEIVED PAYMENT.

Name of Claimant: \_\_\_\_\_

Name of Customer: \_\_\_\_\_

Job Location: \_\_\_\_\_

Owner: \_\_\_\_\_

Through Date: \_\_\_\_\_

**Conditional Waiver and Release**

This document waives and releases lien, stop payment notice, and payment bond rights the claimant has for labor and service provided, and equipment and material delivered, to the customer on this job through the Through Date of this document. Rights based upon labor or service provided, or equipment or material delivered, pursuant to a written change order that has been fully executed by the parties prior to the date that this document is signed by the claimant, are waived and released by this document, unless listed as an Exception below. This document is effective only on the claimant's receipt of payment from the financial institution on which the following check is drawn:

Maker of Check: \_\_\_\_\_

Amount of Check: \$ \_\_\_\_\_

Check Payable to: \_\_\_\_\_

**Exceptions**

This document does not affect any of the following:

- (1) Retentions.
- (2) Extras for which the claimant has not received payment.
- (3) The following progress payments for which the claimant has previously given a conditional waiver and release but has not received payment:

Date(s) of waiver and release: \_\_\_\_\_

Amount(s) of unpaid progress payment(s): \$ \_\_\_\_\_

- (4) Contract rights, including (A) a right based on rescission, abandonment, or breach of contract, and (B) the right to recover compensation for work not compensated by the payment.

Claimant's Signature: \_\_\_\_\_

Claimant's Title: \_\_\_\_\_

Date of Signature: \_\_\_\_\_

**UNCONDITIONAL WAIVER AND RELEASE  
ON PROGRESS PAYMENT  
(CIVIL CODE SECTION 8134)**

NOTICE TO CLAIMANT: THIS DOCUMENT WAIVES AND RELEASES LIEN, STOP PAYMENT NOTICE, AND PAYMENT BOND RIGHTS UNCONDITIONALLY AND STATES THAT YOU HAVE BEEN PAID FOR GIVING UP THOSE RIGHTS. THIS DOCUMENT IS ENFORCEABLE AGAINST YOU IF YOU SIGN IT, EVEN IF YOU HAVE NOT BEEN PAID. IF YOU HAVE NOT BEEN PAID, USE A CONDITIONAL WAIVER AND RELEASE FORM.

Name of Claimant: \_\_\_\_\_

Name of Customer: \_\_\_\_\_

Job Location: \_\_\_\_\_

Owner: \_\_\_\_\_

Through Date: \_\_\_\_\_

**Unconditional Waiver and Release**

This document waives and releases lien, stop payment notice, and payment bond rights the claimant has for labor and service provided, and equipment and material delivered, to the customer on this job through the Through Date of this document. Rights based upon labor or service provided, or equipment or material delivered, pursuant to a written change order that has been fully executed by the parties prior to the date that this document is signed by the claimant, are waived and released by this document, unless listed as an Exception below. The claimant has received the following progress payment: \$\_\_\_\_\_

**Exceptions**

This document does not affect any of the following:

1. Retentions.
- (5) Extras for which the claimant has not received payment.
- (6) Contract rights, including (A) a right based on rescission, abandonment, or breach of contract, and (B) the right to recover compensation for work not compensated by the payment.

Claimant's Signature: \_\_\_\_\_

Claimant's Title: \_\_\_\_\_

Date of Signature: \_\_\_\_\_

**CONDITIONAL WAIVER AND RELEASE  
ON FINAL PAYMENT  
(CIVIL CODE SECTION 8136)**

NOTICE: THIS DOCUMENT WAIVES THE CLAIMANT'S LIEN, STOP PAYMENT NOTICE, AND PAYMENT BOND RIGHTS EFFECTIVE ON RECEIPT OF PAYMENT. A PERSON SHOULD NOT RELY ON THIS DOCUMENT UNLESS SATISFIED THAT THE CLAIMANT HAS RECEIVED PAYMENT.

Name of Claimant: \_\_\_\_\_

Name of Customer: \_\_\_\_\_

Job Location: \_\_\_\_\_

Owner: \_\_\_\_\_

**Conditional Waiver and Release**

This document waives and releases lien, stop payment notice, and payment bond rights the claimant has for labor and service provided, and equipment and material delivered, to the customer on this job. Rights based upon labor or service provided, or equipment or material delivered, pursuant to a written change order that has been fully executed by the parties prior to the date that this document is signed by the claimant, are waived and released by this document, unless listed as an Exception below. This document is effective only on the claimant's receipt of payment from the financial institution on which the following check is drawn:

Maker of Check:

Amount of Check: \$ \_\_\_\_\_

Check Payable to: \_\_\_\_\_

**Exceptions**

This document does not affect any of the following: \_\_\_\_\_

Disputed claims for extras in the amount of: \$ \_\_\_\_\_

Claimant's Signature: \_\_\_\_\_

Claimant's Title: \_\_\_\_\_

Date of Signature: \_\_\_\_\_



**UNCONDITIONAL WAIVER AND RELEASE  
ON FINAL PAYMENT  
(CIVIL CODE SECTION 8138)**

**NOTICE TO CLAIMANT:** THIS DOCUMENT WAIVES AND RELEASES LIEN, STOP PAYMENT NOTICE, AND PAYMENT BOND RIGHTS UNCONDITIONALLY AND STATES THAT YOU HAVE BEEN PAID FOR GIVING UP THOSE RIGHTS. THIS DOCUMENT IS ENFORCEABLE AGAINST YOU IF YOU SIGN IT, EVEN IF YOU HAVE NOT BEEN PAID. IF YOU HAVE NOT BEEN PAID, USE A CONDITIONAL WAIVER AND RELEASE FORM.

Name of Claimant: \_\_\_\_\_

Name of Customer: \_\_\_\_\_

Job Location: \_\_\_\_\_

Owner: \_\_\_\_\_

**Unconditional Waiver and Release**

This document waives and releases lien, stop payment notice, and payment bond rights the claimant has for all labor and service provided, and equipment and material delivered, to the customer on this job. Rights based upon labor or service provided, or equipment or material delivered, pursuant to a written change order that has been fully executed by the parties prior to the date that this document is signed by the claimant, are waived and released by this document, unless listed as an Exception below. The claimant has been paid in full.

**Exceptions**

This document does not affect any of the following: \_\_\_\_\_

Disputed claims for extras in the amount of: \$\_\_\_\_\_

Claimant's Signature: \_\_\_\_\_

Claimant's Title: \_\_\_\_\_

Date of Signature: \_\_\_\_\_

**PROJECT MEETINGS**

**PART 6 – GENERAL**

**6.01 RELATED DOCUMENTS AND PROVISIONS:**

All Contract Documents should be reviewed for applicable provisions related to the provisions in this document, including without limitation:

- A. General Conditions; and
- B. Special Conditions.

**6.02 PROGRESS MEETINGS:**

- A. Contractor shall schedule and hold regular weekly progress meetings after a minimum of one week's prior written notice of the meeting date and time to all Invitees as indicated below.
- B. Location: Contractor's field office.
- C. The Contractor shall notify and invite the following entities ("Invitees"):
  - (1) District Representative.
  - (2) Contractor.
  - (3) Contractor's Project Manager.
  - (4) Contractor's Superintendent.
  - (5) Subcontractors, as appropriate to the agenda of the meeting.
  - (6) Suppliers, as appropriate to the agenda of the meeting.
  - (7) Construction Manager, if any.
  - (8) Architect
  - (9) Engineer(s), if any and as appropriate to the agenda of the meeting.
  - (10) Others, as appropriate to the agenda of the meeting.
- D. The District's and/or the Architect's Consultants will attend at their discretion, in response to the agenda.
- E. The District representative, the Construction Manager, and/or another District Agent shall take and distribute meeting notes to attendees and other concerned parties. If exceptions are taken to anything in the meeting notes,

those exceptions shall be stated in writing to the District within five (5) working days following District's distribution of the meeting notes.

**6.03 PRE-INSTALLATION/PERFORMANCE MEETING:**

- A. Contractor shall schedule a meeting prior to the start of each of the following portions of the Work: demolition and abatement, cutting and patching of plaster and roofing, MEP rough-in, architectural finishes, trench patch backs, and other weather-exposed and moisture-resistant products. Contractor shall invite all Invitees to this meeting, and others whose work may affect or be affected by the quality of the cutting and patching work.
- B. Contractor shall review in detail prior to this meeting, the manufacturer's requirements and specifications, applicable portions of the Contract Documents, Shop Drawings, and other submittals, and other related work. At this meeting, invitees shall review and resolve conflicts, incompatibilities, or inadequacies discovered or anticipated.
- C. Contractor shall review in detail Project conditions, schedule, requirements for performance, application, installation, and quality of completed Work, and protection of adjacent Work and property.
- D. Contractor shall review in detail means of protecting the completed Work during the remainder of the construction period.

**PART 7 - PRODUCTS Not Used.**

**PART 8 - EXECUTION Not Used.**

END OF DOCUMENT

**SCHEDULING OF WORK**

**PART 9 – GENERAL**

**9.01 RELATED DOCUMENTS AND PROVISIONS**

All Contract Documents should be reviewed for applicable provisions related to the provisions in this document, including without limitation:

- A. General Conditions;
- B. Special Conditions;
- C. Summary of Work; and
- D. Submittals.

**9.02 SECTION INCLUDES**

- A. Scheduling of Work under this Contract shall be performed by the CM Team and Contractors in accordance with requirements of this Section.
- B. Upon Award of Contract, Contractors shall immediately commence review of the CM provided Baseline Schedule and confirm durations set forth in the project schedule to meet the contractual requirements.

**9.03 CONSTRUCTION SCHEDULE**

- A. Within ten (10) days of issuance of the Notice to Proceed and before request for first progress payment, the Contractor shall prepare and submit to the Project Manager a construction progress schedule conforming to the Milestone Schedule below.
- B. The Construction Schedule shall be continuously updated, and an updated schedule shall be submitted with each application for progress payment. Each revised schedule shall indicate the work actually accomplished during the previous period and the schedule for completion of the remaining work.
- C. 5-Phase Milestone Schedule:

**Contractual Construction Start Date:** 6/10/2024

**Total Construction Duration:** 700 Calendar Days

**Contractual Construction Completion Date:** 5/11/2026

**Phasing Milestone Schedule Below:**

- A. **Phase 1 (Buildings B & C, Site Work, and Campus-Wide Fire Alarm Upgrades)**

- (1) Construction Start Date 6/10/2024
- (2) Construction Duration 140 Calendar Days
- (3) Construction Completion Date 10/28/2024

**B. Phase 2 (Buildings D & E)**

- (1) Construction Start Date 10/28/2024
- (2) Construction Duration 140 Calendar Days
- (3) Construction Completion Date 3/17/2025

**C. Phase 3 (Building M-2: Classrooms #M09-14)**

- (1) Construction Start Date 3/17/2025
- (2) Construction Duration 140 Calendar Days
- (3) Construction Completion Date 8/4/2025

**D. Phase 4 (Building M-3: Classrooms #M01-05, Corridors, Offices, RR)**

- (1) Construction Start Date 8/4/2025
- (2) Construction Duration 140 Calendar Days
- (3) Construction Completion Date 12/22/2025

**E. Phase 5 (Buildings M-3: Classrooms #M06-08, Corridors, Offices, RR, and Chiller Yard)**

- (1) Construction Start Date 12/22/2025
- (2) Construction Duration 140 Calendar Days
- (3) Construction Completion Date 5/11/2026

**9.04 QUALIFICATIONS**

A. Contractor shall employ experienced scheduling personnel qualified to use the latest version of [i.e., Primavera Project Planner]. Experience level required is set forth below. Contractor may employ such personnel directly or may employ a consultant for this purpose.

- (1) The written statement shall identify the individual who will perform CPM scheduling.
- (2) Capability and experience shall be verified by description of construction projects on which individual has successfully applied computerized CPM.

- (3) Required level of experience shall include at least two (2) projects of similar nature and scope with value not less than three fourths ( $\frac{3}{4}$ ) of the Total Bid Price of this Project. The written statement shall provide contact persons for referenced projects with current telephone and address information.
- B. District reserves the right to approve or reject Contractor's scheduler or consultant at any time. District reserves the right to refuse replacing of Contractor's scheduler or consultant, if District believes replacement will negatively affect the scheduling of Work under this Contract.

#### **9.05 GENERAL**

- A. Progress Schedule shall be based on and incorporate milestone and completion dates specified in Contract Documents.
- B. Overall time of completion and time of completion for each milestone shown on Progress Schedule shall adhere to times in the Contract, unless an earlier (advanced) time of completion is requested by Contractor and agreed to by District. Any such agreement shall be formalized by a Change Order.
- (1) District is not required to accept an early completion schedule, i.e., one that shows an earlier completion date than the Contract Time.
  - (2) Contractor shall not be entitled to extra compensation in event agreement is reached on an earlier completion schedule and Contractor completes its Work, for whatever reason, beyond completion date shown in its early completion schedule but within the Contract Time.
  - (3) A schedule showing the work completed in less than the Contract Time, and that has been accepted by District, shall be considered to have Project Float. The Project Float is the time between the scheduled completion of the work and the Completion Date. Project Float is a resource available to both District and the Contractor.
- C. Ownership Project Float: Neither the District nor Contractor owns Project Float. The Project owns the Project Float. As such, liability for delay of the Completion Date rests with the party whose actions, last in time, actually cause delay to the Completion Date.
- (1) For example, if Party A uses some, but not all of the Project Float and Party B later uses remainder of the Project Float as well as additional time beyond the Project Float, Party B shall be liable for the time that represents a delay to the Completion Date.
  - (2) Party A would not be responsible for the time since it did not consume the entire Project Float and additional Project Float remained; therefore, the Completion Date was unaffected by Party A.
- D. Progress Schedule shall be the basis for evaluating job progress, payment requests, and time extension requests. Responsibility for developing Contract

CPM Schedule and monitoring actual progress as compared to Progress Schedule rests with Contractor.

- E. Failure of Progress Schedule to include any element of the Work, or any inaccuracy in Progress Schedule, will not relieve Contractor from responsibility for accomplishing the Work in accordance with the Contract. District's acceptance of schedule shall be for its use in monitoring and evaluating job progress, payment requests, and time extension requests and shall not, in any manner, impose a duty of care upon District, or act to relieve Contractor of its responsibility for means and methods of construction.
- F. Software: Use Primavera P6. Such software shall be compatible with Windows operating system. Contractor shall transmit contract file to District on compact disk at times requested by District.
- G. Transmit each item under the form approved by District.
  - (1) Identify Project with District Contract number and name of Contractor.
  - (2) Provide space for Contractor's approval stamp and District's review stamps.
  - (3) Submittals received from sources other than Contractor will be returned to the Contractor without District's review.

#### **9.06 INITIAL CPM SCHEDULE**

- A. Initial CPM Schedule submitted for review at the pre-construction conference shall serve as Contractor's schedule for up to ninety (90) calendar days after the Notice to Proceed.
- B. Indicate detailed plan for the Work to be completed in first ninety (90) days of the Contract; details of planned mobilization of plant and equipment; sequence of early operations; procurement of materials and equipment. Show Work beyond ninety (90) calendar days in summary form.
- C. Initial CPM Schedule shall be time scaled.
- D. Initial CPM Schedule shall be cost and resource loaded. Accepted cost and resource loaded schedule will be used as basis for monthly progress payments until acceptance of the Original CPM Schedule. Use of Initial CPM Schedule for progress payments shall not exceed ninety (90) calendar days.
- E. District and Contractor shall meet to review and discuss the Initial CPM Schedule within seven (7) calendar days after it has been submitted to District.
  - (1) District's review and comment on the schedule shall be limited to Contract conformance (with sequencing, coordination, and milestone requirements).
  - (2) Contractor shall make corrections to schedule necessary to comply with Contract requirements and shall adjust schedule to incorporate

any missing information requested by District. Contractor shall resubmit Initial CPM Schedule if requested by District.

- F. If, during the first ninety (90) days after Notice to Proceed, the Contractor is of the opinion that any of the Work included on its Initial CPM Schedule has been impacted, the Contractor shall submit to District a written Time Impact Evaluation ("TIE") in accordance with Article 1.12 of this Section. The TIE shall be based on the most current update of the Initial CPM Schedule.

#### **9.07 ORIGINAL CPM SCHEDULE**

- A. Submit a detailed proposed Original CPM Schedule presenting an orderly and realistic plan for completion of the Work in conformance with requirements as specified herein.
- B. Progress Schedule shall include or comply with following requirements:
  - (1) Time scaled, cost and resource (labor and major equipment) loaded CPM schedule.
  - (2) No activity on schedule shall have duration longer than fifteen (15) work days, with exception of submittal, approval, fabrication and procurement activities, unless otherwise approved by District.
    - (a) Activity durations shall be total number of actual work days required to perform that activity.
  - (3) The start and completion dates of all items of Work, their major components, and milestone completion dates, if any.
  - (4) District furnished materials and equipment, if any, identified as separate activities.
  - (5) Activities for maintaining Project Record Documents.
  - (6) Dependencies (or relationships) between activities.
  - (7) Processing/approval of submittals and shop drawings for all material and equipment required per the Contract. Activities that are dependent on submittal acceptance or material delivery shall not be scheduled to start earlier than expected acceptance or delivery dates.
    - (a) Include time for submittals, re-submittals and reviews by District. Coordinate with accepted schedule for submission of Shop Drawings, samples, and other submittals.
    - (b) Contractor shall be responsible for all impacts resulting from re-submittal of Shop Drawings and submittals.
  - (8) Procurement of major equipment, through receipt and inspection at jobsite, identified as separate activity.



- (a) Include time for fabrication and delivery of manufactured products for the Work.
- (b) Show dependencies between procurement and construction.
- (9) Activity description; what Work is to be accomplished and where.
- (10) The total cost of performing each activity shall be total of labor, material, and equipment, excluding overhead and profit of Contractor. Overhead and profit of the General Contractor shall be shown as a separate activity in the schedule. Sum of cost for all activities shall equal total Contract value.
- (11) Resources required (labor and major equipment) to perform each activity.
- (12) Responsibility code for each activity corresponding to Contractor or Subcontractor responsible for performing the Work.
- (13) Identify the activities which constitute the controlling operations or critical path. No more than twenty-five (25%) of the activities shall be critical or near critical. Near critical is defined as float in the range of one (1) to (10) days.
- (14) Twenty (10) workdays for developing punch list(s), completion of punch-list items, and final clean up for the Work or any designated portion thereof. No other activities shall be scheduled during this period.
- (15) Interface with the work of other contractors, District, and agencies such as, but not limited to, utility companies.
- (16) Show detailed Subcontractor Work activities. In addition, furnish copies of Subcontractor schedules upon which CPM was built.
  - (a) Also furnish for each Subcontractor, as determined by District, submitted on Subcontractor letterhead, a statement certifying that Subcontractor concurs with Contractor's Original CPM Schedule and that Subcontractor's related schedules have been incorporated, including activity duration, cost and resource loading.
  - (b) Subcontractor schedules shall be independently derived and not a copy of Contractor's schedule.
  - (c) In addition to Contractor's schedule and resource loading, obtain from electrical, mechanical, and plumbing Subcontractors, and other Subcontractors as required by District, productivity calculations common to their trades, such as units per person day, feet of pipe per day per person, feet of wiring per day per person, and similar information.

- (d) Furnish schedule for Contractor/Subcontractor CPM schedule meetings which shall be held prior to submission of Original CPM schedule to District. District shall be permitted to attend scheduled meetings as an observer.
  - (17) Activity durations shall be in Work days.
  - (18) Submit with the schedule a list of anticipated non-Work days, such as weekends and holidays. The Progress Schedule shall exclude in its Work day calendar all non-Work days on which Contractor anticipates critical Work will not be performed.
- C. Original CPM Schedule Review Meeting: Contractor shall, within sixty (10) days from the Notice to Proceed date, meet with District to review the Original CPM Schedule submittal.
- (1) Contractor shall have its Project Manager, Project Superintendent, Project Scheduler, and key Subcontractor representatives, as required by District, in attendance. The meeting will take place over a continuous one (1) day period.
  - (2) District's review will be limited to submittal's conformance to Contract requirements including, but not limited to, coordination requirements. However, review may also include:
    - (a) Clarifications of Contract Requirements.
    - (b) Directions to include activities and information missing from submittal.
    - (c) Requests to Contractor to clarify its schedule.
  - (3) Within five (5) days of the Schedule Review Meeting, Contractor shall respond in writing to all questions and comments expressed by District at the Meeting.

## **9.08 ADJUSTMENTS TO CPM SCHEDULE**

- A. Adjustments to Original CPM Schedule: Contractor shall have adjusted the Original CPM Schedule submittal to address all review comments from original CPM Schedule review meeting and resubmit network diagrams and reports for District's review.
- (1) District, within five (5) days from date that Contractor submitted the revised schedule, will either:
    - (a) Accept schedule and cost and resource loaded activities as submitted, or
    - (b) Advise Contractor in writing to review any part or parts of schedule which either do not meet Contract requirements or are unsatisfactory for District to monitor Project's progress,

resources, and status or evaluate monthly payment request by Contractor.

- (2) District may accept schedule with conditions that the first monthly CPM Schedule update be revised to correct deficiencies identified.
  - (3) When schedule is accepted, it shall be considered the "Original CPM Schedule" which will then be immediately updated to reflect the current status of the work.
  - (4) District reserves right to require Contractor to adjust, add to, or clarify any portion of schedule which may later be discovered to be insufficient for monitoring of Work or approval of partial payment requests. No additional compensation will be provided for such adjustments, additions, or clarifications.
- B. Acceptance of Contractor's schedule by District will be based solely upon schedule's compliance with Contract requirements.
- (1) By way of Contractor assigning activity durations and proposing sequence of Work, Contractor agrees to utilize sufficient and necessary management and other resources to perform work in accordance with the schedule.
  - (2) Upon submittal of schedule update, updated schedule shall be considered "current" CPM Schedule.
  - (3) Submission of Contractor's schedule to District shall not relieve Contractor of total responsibility for scheduling, sequencing, and pursuing Work to comply with requirements of Contract Documents, including adverse effects such as delays resulting from ill-timed Work.
- C. Submittal of Original CPM Schedule, and subsequent schedule updates, shall be understood to be Contractor's representation that the Schedule meets requirements of Contract Documents and that Work shall be executed in sequence indicated on the schedule.
- D. Contractor shall distribute Original CPM Schedule to Subcontractors for review and written acceptance, which shall be noted on Subcontractors' letterheads to Contractor and transmitted to District for the record.

#### **9.09 MONTHLY CPM SCHEDULE UPDATE SUBMITTALS**

- A. Following acceptance of Contractor's Original CPM Schedule, Contractor shall monitor progress of Work and adjust schedule each month to reflect actual progress and any anticipated changes to planned activities.
- (1) Each schedule update submitted shall be complete, including all information requested for the Original CPM Schedule submittal.
  - (2) Each update shall continue to show all Work activities including those already completed. These completed activities shall accurately reflect

"as built" information by indicating when activities were actually started and completed.

- B. A meeting will be held on approximately the twenty-fifth (25th) of each month to review the schedule update submittal and progress payment application.
  - (1) At this meeting, at a minimum, the following items will be reviewed: Percent (%) complete of each activity; Time Impact Evaluations for Change Orders and Time Extension Request; actual and anticipated activity sequence changes; actual and anticipated duration changes; and actual and anticipated Contractor delays.
  - (2) These meetings are considered a critical component of overall monthly schedule update submittal and Contractor shall have appropriate personnel attend. At a minimum, these meetings shall be attended by Contractor's General Superintendent and Scheduler.
  - (3) Contractor shall plan on the meeting taking no less than four (4) hours.
- C. Within five (5) working days after monthly schedule update meeting, Contractor shall submit the updated CPM Schedule update.
- D. Within five (5) work days of receipt of above noted revised submittals, District will either accept or reject monthly schedule update submittal.
  - (1) If accepted, percent (%) complete shown in monthly update will be basis for Application for Payment by the Contractor. The schedule update shall be submitted as part of the Contractor's Application for Payment.
  - (2) If rejected, update shall be corrected and resubmitted by Contractor before the Application for Payment is submitted.
- E. Neither updating, changing or revising of any report, curve, schedule, or narrative submitted to District by Contractor under this Contract, nor District's review or acceptance of any such report, curve, schedule or narrative shall have the effect of amending or modifying in any way the Completion Date or milestone dates or of modifying or limiting in any way Contractor's obligations under this Contract.

#### **9.10 SCHEDULE REVISIONS**

- A. Updating the Schedule to reflect actual progress shall not be considered revisions to the Schedule. Since scheduling is a dynamic process, revisions to activity durations and sequences are expected on a monthly basis.
- B. To reflect revisions to the Schedule, the Contractor shall provide District with a written narrative with a full description and reasons for each Work activity revised. For revisions affecting the sequence of work, the Contractor shall provide a schedule diagram which compares the original sequence to the revised sequence of work. The Contractor shall provide the written narrative

and schedule diagram for revisions two (2) working days in advance of the monthly schedule update meeting.

- C. Schedule revisions shall not be incorporated into any schedule update until the revisions have been reviewed by District. District may request further information and justification for schedule revisions and Contractor shall, within three (3) days, provide District with a complete written narrative response to District's request.
- D. If the Contractor's revision is still not accepted by District, and the Contractor disagrees with District's position, the Contractor has seven (7) calendar days from receipt of District's letter rejecting the revision to provide a written narrative providing full justification and explanation for the revision. The Contractor's failure to respond in writing within seven (7) calendar days of District's written rejection of a schedule revision shall be contractually interpreted as acceptance of District's position, and the Contractor waives its rights to subsequently dispute or file a claim regarding District's position.
- E. At District's discretion, the Contractor can be required to provide Subcontractor certifications of performance regarding proposed schedule revisions affecting said Subcontractors.

#### **9.11 RECOVERY SCHEDULE**

- A. If the Schedule Update shows a completion date twenty-one (21) calendar days beyond the Contract Completion Date, or individual milestone completion dates, the Contractor shall submit to District the proposed revisions to recover the lost time within seven (7) calendar days. As part of this submittal, the Contractor shall provide a written narrative for each revision made to recapture the lost time. If the revisions include sequence changes, the Contractor shall provide a schedule diagram comparing the original sequence to the revised sequence of work.
- B. The revisions shall not be incorporated into any schedule update until the revisions have been reviewed by District.
- C. If the Contractor's revisions are not accepted by District, District and the Contractor shall follow the procedures in paragraph 1.09.C, 1.09.D and 1.09.E above.
- D. At District's discretion, the Contractor can be required to provide Subcontractor certifications for revisions affecting said Subcontractors.

#### **9.12 TIME IMPACT EVALUATION ("TIE") FOR CHANGE ORDERS, AND OTHER DELAYS**

- A. When Contractor is directed to proceed with changed Work, the Contractor shall prepare and submit within fourteen (14) calendar days from the Notice to Proceed a TIE which includes both a written narrative and a schedule diagram depicting how the changed Work affects other schedule activities. The schedule diagram shall show how the Contractor proposes to incorporate the changed Work in the schedule and how it impacts the current schedule-update critical path. The Contractor is also responsible for requesting time

extensions based on the TIE's impact on the critical path. The diagram must be tied to the main sequence of schedule activities to enable District to evaluate the impact of changed Work to the scheduled critical path.

- B. Contractor shall be required to comply with the requirements of Paragraph 1.09.A for all types of delays such as, but not limited to, Contractor/Subcontractor delays, adverse weather delays, strikes, procurement delays, fabrication delays, etc.
- C. Contractor shall be responsible for all costs associated with the preparation of TIEs, and the process of incorporating them into the current schedule update. The Contractor shall provide District with four (4) copies of each TIE.
- D. Once agreement has been reached on a TIE, the Contract Time will be adjusted accordingly. If agreement is not reached on a TIE, the Contract Time may be extended in an amount District allows, and the Contractor may submit a claim for additional time claimed by contractor.

### **9.13 TIME EXTENSIONS**

- A. The Contractor is responsible for requesting time extensions for time impacts that, in the opinion of the Contractor, impact the critical path of the current schedule update. Notice of time impacts shall be given in accord with the General Conditions.
- B. Where an event for which District is responsible impacts the projected Completion Date, the Contractor shall provide a written mitigation plan, including a schedule diagram, which explains how (e.g., increase crew size, overtime, etc.) the impact can be mitigated. The Contractor shall also include a detailed cost breakdown of the labor, equipment, and material the Contractor would expend to mitigate District-caused time impact. The Contractor shall submit its mitigation plan to District within fourteen (14) calendar days from the date of discovery of the impact. The Contractor is responsible for the cost to prepare the mitigation plan.
- C. Failure to request time, provide TIE, or provide the required mitigation plan will result in Contractor waiving its right to a time extension and cost to mitigate the delay.
- D. No time will be granted under this Contract for cumulative effect of changes.
- E. District will not be obligated to consider any time extension request unless the Contractor complies with the requirements of Contract Documents.
- F. Failure of the Contractor to perform in accordance with the current schedule update shall not be excused by submittal of time extension requests.
- G. If the Contractor does not submit a TIE within the required fourteen (14) calendar days for any issue, it is mutually agreed that the Contractor does not require a time extension for said issue.

#### **9.14 SCHEDULE REPORTS**

- A. Submit four (4) copies of the following reports with the Initial CPM Schedule, the Original CPM Schedule, and each monthly update.
- B. Required Reports:
  - (1) Two activity listing reports: one sorted by activity number and one by total Project Float. These reports shall also include each activity's early/late and actual start and finish dates, original and remaining duration, Project Float, responsibility code, and the logic relationship of activities.
  - (2) Cost report sorted by activity number including each activity's associated cost, percentage of Work accomplished, earned value- to date, previous payments, and amount earned for current update period.
  - (3) Schedule plots presenting time-scaled network diagram showing activities and their relationships with the controlling operations or critical path clearly highlighted.
  - (4) Cash flow report calculated by early start, late start, and indicating actual progress. Provide an exhibit depicting this information in graphic form.
  - (5) Planned versus actual resource (i.e., labor) histogram calculated by early start and late start.
- C. Other Reports:

In addition to above reports, District may request, from month to month, any two of the following reports. Submit four (4) copies of all reports.

- (1) Activities by early start.
  - (2) Activities by late start.
  - (3) Activities grouped by Subcontractors or selected trades.
  - (4) Activities with scheduled early start dates in a given time frame, such as fifteen (15) or thirty (30) day outlook.
- D. Furnish District with report files on compact disks containing all schedule files for each report generated.

#### **9.15 PROJECT STATUS REPORTING**

- A. In addition to submittal requirements for CPM scheduling identified in this Section, Contractor shall provide a monthly project status report (i.e., written narrative report) to be submitted in conjunction with each CPM Schedule as specified herein. Status reporting shall be in form specified below.

- B. Contractor shall prepare monthly written narrative reports of status of Project for submission to District. Written status reports shall include:
- (1) Status of major Project components (percent (%) complete, amount of time ahead or behind schedule) and an explanation of how Project will be brought back on schedule if delays have occurred.
  - (2) Progress made on critical activities indicated on CPM Schedule.
  - (3) Explanations for any lack of work on critical path activities planned to be performed during last month.
  - (4) Explanations for any schedule changes, including changes to logic or to activity durations.
  - (5) List of critical activities scheduled to be performed next month.
  - (6) Status of major material and equipment procurement.
  - (7) Any delays encountered during reporting period.
  - (8) Contractor shall provide printed report indicating actual versus planned resource loading for each trade and each activity. This report shall be provided on weekly and monthly basis.
    - (a) Actual resource shall be accumulated in field by Contractor, and shall be as noted on Contractor's daily reports. These reports will be basis for information provided in computer-generated monthly and weekly printed reports.
    - (b) Contractor shall explain all variances and mitigation measures.
  - (9) Contractor may include any other information pertinent to status of Project. Contractor shall include additional status information requested by District at no additional cost.
  - (10) Status reports, and the information contained therein, shall not be construed as claims, notice of claims, notice of delay, or requests for changes or compensation.

#### **9.16 WEEKLY SCHEDULE REPORT**

At the Weekly Progress Meeting, the Contractor shall provide and present a time-scaled three (3) week look-ahead schedule that is based and correlated by activity number to the current schedule (i.e., Initial, Original CPM, or Schedule Update).

#### **9.17 DAILY CONSTRUCTION REPORTS**

On a daily basis, Contractor shall submit a daily activity report to District for each workday, including weekends and holidays when worked. Contractor shall develop the daily construction reports on a computer-generated database capable of sorting daily Work, manpower, and man-hours by Contractor, Subcontractor, area, sub-area, and Change Order Work. Upon request of District, furnish computer disk of this



data base. Obtain District's written approval of daily construction report data base format prior to implementation. Include in report:

- A. Project name and Project number.
- B. Contractor's name and address.
- C. Weather, temperature, and any unusual site conditions.
- D. Brief description and location of the day's scheduled activities and any special problems and accidents, including Work of Subcontractors. Descriptions shall be referenced to CPM scheduled activities.
- E. Worker quantities for its own Work force and for Subcontractors of any tier.
- F. Equipment, other than hand tools, utilized by Contractor and Subcontractors.

#### **9.18 PERIODIC VERIFIED REPORTS**

Contractor shall complete and verify construction reports on a form prescribed by the Division of the State Architect and file reports on the first day of February, May, August, and November during the preceding quarter year; at the completion of the Contract; at the completion of the Work; at the suspension of Work for a period of more than one (1) month; whenever the services of Contractor or any of Contractor's Subcontractors are terminated for any reason; and at any time a special verified report is required by the Division of the State Architect. Refer to section 4-336 and section 4-343 of Part 1, Title 24 of the California Code of Regulations.

#### **PART 10 – PRODUCTS**

Not Used.

#### **PART 11 - EXECUTION**

Not Used.

END OF DOCUMENT

**SUBMITTALS**

**PART 12 - GENERAL**

**12.01 RELATED DOCUMENTS AND PROVISIONS:**

All Contract Documents should be reviewed for applicable provisions related to the provisions in this document, including without limitation:

- A. General Conditions, including, without limitation, Contractor's Submittals and Schedules, Drawings and Specifications;
- B. Special Conditions.

**12.02 SECTION INCLUDES:**

- A. Definitions:
  - (1) Shop Drawings and Product Data are as indicated in the General Conditions and include, but are not limited to, fabrication, erection, layout and setting drawings, formwork and falsework drawings, manufacturers' standard drawings, descriptive literature, catalogues, brochures, performance and test data, wiring and control diagrams. In addition, there are other drawings and descriptive data pertaining to materials, equipment, piping, duct and conduit systems, and methods of construction as may be required to show that the materials, equipment or systems and all positions conform to the requirement of the Contract Documents, including, without limitation, the Drawings.
  - (2) "Manufactured" applies to standard units usually mass-produced; "fabricated" means specifically assembled or made out of selected materials to meet design requirements. Shop Drawings shall establish the actual detail of manufactured or fabricated items, indicated proper relation to adjoining work and amplify design details of mechanical and electrical equipment in proper relation to physical spaces in the structure.
  - (3) Manufacturer's Instructions: Where any item of Work is required by the Contract Documents to be furnished, installed, or performed, at a minimum, in accordance with a specified product manufacturer's instructions, the Contractor shall procure and distribute copies of these to the District, the Architect, and all other concerned parties and shall furnish, install, or perform the work, at a minimum, in accordance with those instructions.

- B. Samples, Shop Drawings, Product Data, and other items as specified, in accordance with the following requirements:
- (1) Contractor shall submit all Shop Drawings, Product Data, and Samples to the District, the Architect, the Project Inspector, and the Construction Manager.
  - (2) Contractor shall comply with all time frames herein and in the General Conditions and, in any case, shall submit required information in sufficient time to permit proper consideration and action before ordering any materials or items represented by such Shop Drawings, Product Data, and/or Samples.
  - (3) Contractor shall allow sufficient time so that no delay occurs due to required lead time in ordering or delivery of any item to the Site. Contractor shall be responsible for any delay in progress of Work due to its failure to observe these requirements.
  - (4) Time for completion of Work shall not be extended on account of Contractor's failure to promptly submit Shop Drawings, Product Data, and/or Samples.
  - (5) Reference numbers on Shop Drawings shall have Architectural and/or Engineering Contract Drawings reference numbers for details, sections, and "cuts" shown on Shop Drawings. These reference numbers shall be in addition to any numbering system that Contractor chooses to use or has adopted as standard.
  - (6) When the magnitude or complexity of submittal material prevents a complete review within the stated time frame, Contractor shall make this submittal in increments to avoid extended delays.
  - (7) Contractor shall certify on submittals for review that submittals conform to Contract requirements. Also certify that Contractor-furnished equipment can be installed in allocated space. In event of any variance, Contractor shall specifically state in transmittal and on Shop Drawings, portions vary and require approval of a substitute. Submittals shall not be used as a means of requesting a substitution.
  - (8) Unless specified otherwise, sampling, preparation of samples, and tests shall be in accordance with the latest standard of the American Society for Testing and Materials.
  - (9) Upon demand by Architect or District, Contractor shall submit samples of materials and/or articles for tests or examinations and consideration before Contractor incorporates same in Work. Contractor shall be solely responsible for delays due to sample(s) not being submitted in time to allow for tests. Acceptance or rejection will be expressed in writing. Work shall be equal to approved samples in every respect. Samples that are of value after testing will remain the property of Contractor.

- C. Submittal Schedule:
- (1) Contractor shall prepare its proposed submittal schedule that is coordinated with the proposed construction schedule and submit both to the District within ten (10) days after the date of the Notice to Proceed. Contractor's proposed schedules shall become the Project Construction Schedule and the Project Submittal Schedule after each is approved by the District.
  - (2) Contractor is responsible for all lost time should the initial submittal be rejected, marked "revise and resubmit", etc.
  - (3) All Submittals shall be forwarded to the District by the date indicated on the approved Submittal Schedule, unless an earlier date is necessary to maintain the Construction Schedule, in which case those Submittals shall be forwarded to the District so as not to delay the Construction Schedule.
  - (4) Contractor may be assessed \$100 a day for each day it is late in submitting a shop drawing or sample. No extensions of time will be granted to Trade Contractor or any Subcontractor because of its failure to have shop drawings and samples submitted in accordance with the Schedule.

### **12.03 SHOP DRAWINGS:**

- A. Contractor shall submit one reproducible transparency and six (6) opaque reproductions. The District will review and return the reproducible copy and one (1) opaque reproduction to Contractor.
- B. Before commencing installation of any Work, the Contractor shall submit and receive approval of all drawings, descriptive data, and material list(s) as required to accomplish Work.
- C. Review of Shop Drawings is regarded as a service to assist Contractor and in all cases original Contract Documents shall take precedence as outlined under General Conditions.
- D. No claim for extra time or payment shall be based on work shown on Shop Drawings unless the claim is (1) noted on Contractor's transmittal letter accompanying Shop Drawings and (2) Contractor has complied with all applicable provisions of the General Conditions, including, without limitation, provisions regarding changes and payment, and all required written approvals.
- E. District shall not review Shop Drawings for quantities of materials or number of items supplied.
- F. District's and/or Architect's review of Shop Drawing will be general. District and/or Architect review does not relieve Contractor of responsibility for dimensions, accuracy, proper fitting, construction of Work, furnishing of materials, or Work required by Contract Documents and not indicated on

Shop Drawings. The District's and/or Architect's review of Shop Drawings is not to be construed as approving departures from Contract Documents.

- G. Review of Shop Drawings and Schedules does not relieve Contractor from responsibility for any aspect of those Drawings or Schedules that is a violation of local, County, State, or Federal laws, rules, ordinances, or rules and regulations of commissions, boards, or other authorities or utilities having jurisdiction.
- H. Before submitting Shop Drawings for review, Contractor shall check Shop Drawings of its subcontractors for accuracy, and confirm that all Work contiguous with and having bearing on other work shown on Shop Drawings is accurately drawn and in conformance with Contract Documents.
- I. Submitted drawings and details must bear stamp of approval of Contractor:
  - (1) Stamp and signature shall clearly certify that Contractor has checked Shop Drawings for compliance with Drawings.
  - (2) If Contractor submits a Shop Drawing without an executed stamp of approval, or whenever it is evident (despite stamp) that Drawings have not been checked, the District and/or Architect will not consider them and will return them to the Contractor for revision and resubmission. In that event, it will be deemed that Contractor has not complied with this provision and Contractor shall bear risk of all delays to same extent as if it had not submitted any Shop Drawings or details.
- J. Submission of Shop Drawings (in either original submission or when resubmitted with correction) constitutes evidence that Contractor has checked all information thereon and that it accepts and is willing to perform Work as shown.
- K. Contractor shall pay for cost of any changes in construction due to improper checking and coordination. Contractor shall be responsible for all additional costs, including coordination. Contractor shall be responsible for costs incurred by itself, the District, the Architect, the Project Inspector, the Construction Manager, any other Subcontractor or contractor, etc., due to improperly checked and/or coordination of submittals.
- L. Shop Drawings must clearly delineate the following information:
  - (1) Project name and address.
  - (2) Specification number and description.
  - (3) Architect's name and project number.
  - (4) Shop Drawing title, number, date, and scale.
  - (5) Names of Contractor, Subcontractor(s) and fabricator.
  - (6) Working and erection dimensions.

- (7) Arrangements and sectional views.
  - (8) Necessary details, including complete information for making connections with other Work.
  - (9) Kinds of materials and finishes.
  - (10) Descriptive names of materials and equipment, classified item numbers, and locations at which materials or equipment are to be installed in the Work. Contractor shall use same reference identification(s) as shown on Contract Drawings.
- M. Contractor shall prepare composite drawings and installation layouts when required to solve tight field conditions.
- (1) Shop Drawings shall consist of dimensioned plans and elevations and must give complete information, particularly as to size and location of sleeves, inserts, attachments, openings, conduits, ducts, boxes, structural interferences, etc.
  - (2) Contractor shall coordinate these composite Shop Drawings and installation layouts in the field between itself and its Subcontractor(s) for proper relationship to the Work, the work of other trades, and the field conditions. The Contractor shall check and approve all submittal(s) before submitting them for final review.

#### **12.04 PRODUCT DATA OR NON REPRODUCIBLE SUBMITTALS:**

- A. Contractor shall submit manufacturer's printed literature in original form. Any fading type of reproduction will not be accepted. Contract must submit a minimum of six (6) each, to the District. District shall return one (1) to the Contractor, who shall reproduce whatever additional copies it requires for distribution.
- B. Contractor shall submit six (6) copies of a complete list of all major items of mechanical, plumbing, and electrical equipment and materials in accordance with the approved Submittal Schedule, except as required earlier to comply with the approved Construction Schedule. Other items specified are to be submitted prior to commencing Work. Contractor shall submit items of like kind at one time in a neat and orderly manner. Partial lists will not be acceptable.
- C. Submittals shall include manufacturer's specifications, physical dimensions, and ratings of all equipment. Contractor shall furnish performance curves for all pumps and fans. Where printed literature describes items in addition to that item being submitted, submitted item shall be clearly marked on sheet and superfluous information shall be crossed out. If highlighting is used, Contractor shall mark all copies.
- D. Equipment submittals shall be complete and include space requirements, weight, electrical and mechanical requirements, performance data, and supplemental information that may be requested.

- E. Imported Materials Certification must be submitted at least ten (10) days before material is delivered.

**12.05 SAMPLES:**

- A. Contractor shall submit for approval Samples as required and within the time frame in the Contract Documents. Materials such as concrete, mortar, etc., which require on-site testing will be obtained from Project Site.
- B. Contractor shall submit four (4) samples except where greater or lesser number is specifically required by Contract Documents including, without limitation, the Specifications.
  - (1) Samples must be of sufficient size and quality to clearly illustrate functional characteristics, with integrally related parts and attachment devices.
  - (2) Samples must show full range of texture, color, and pattern.
- C. Contractor shall make all Submittals, unless it has authorized Subcontractor(s) to submit and Contractor has notified the District in writing to this effect.
- D. Samples to be shipped prepaid or hand-delivered to the District.
- E. Contractor shall mark samples to show name of Project, name of Contractor submitting, Contract number and segment of Work where representative Sample will be used, all applicable Specifications Sections and documents, Contract Drawing Number and detail, and ASTM or FS reference, if applicable.
- F. Contractor shall not deliver any material to Site prior to receipt of District's and/or Architect's completed written review and approval. Contractor shall furnish materials equal in every respect to approved Samples and execute Work in conformance therewith.
- G. District's and/or Architect's review, acceptance, and/or approval of Sample(s) will not preclude rejections of any material upon discovery of defects in same prior to final acceptance of completed Work.
- H. After a material has been approved, no change in brand or make will be permitted.
- I. Contractor shall prepare its Submittal Schedule and submit Samples of materials requiring laboratory tests to specified laboratory for testing not less than ninety (90) days before such materials are required to be used in Work.
- J. Samples which are rejected must be resubmitted promptly after notification of rejection and be marked "Resubmitted Sample" in addition to other information required.
- K. Field Samples and Mock-Ups are to be removed by Contractor at District's direction:

- (1) Size: As Specified.
- (2) Furnish catalog numbers and similar data, as requested.

#### **12.06 REVIEW AND RESUBMISSION REQUIREMENTS:**

- A. The District will arrange for review of Sample(s), Shop Drawing(s), Product Data, and other submittal(s) by appropriate reviewer and return to Contractor as provided below within twenty-one (21) days after receipt or within twenty-one (21) days after receipt of all related information necessary for such review, whichever is later.
- B. One (1) copy of product or materials data will be returned to Contractor with the review status.
- C. Samples to be incorporated into the Work will be returned to Contractor, together with a written notice designating the Sample with the appropriate review status and indicating errors discovered on review, if any. Other Samples will not be returned, but the same notice will be given with respect thereto, and that notice shall be considered a return of the Sample.
- D. Contractor shall revise and resubmit any Sample(s), Shop Drawing(s), Product Data, and other submittal(s) as required by the reviewer. Such resubmittals will be reviewed and returned in the same manner as original Sample(s), Shop Drawing(s), Product Data, and other submittal(s), within fourteen (14) days after receipt thereof or within fourteen (14) days after receipt of all related information necessary for such review. Such resubmittal shall not delay the Work.
- E. Contractor may proceed with any of the Work covered by Sample(s), Shop Drawing(s), Product Data, and other submittal(s) upon its return if designated as no exception taken, or revise as noted, provided the Contractor proceeds in accordance with the District and/or the Architect's notes and comments.
- F. Contractor shall not begin any of the work covered by a Sample(s), Shop Drawing(s), Product Data, and other submittal(s), designated as revise and resubmit or rejected, until a revision or correction thereof has been reviewed and returned to Contractor.
- G. Sample(s), Shop Drawing(s), Product Data, and other submittal(s) designated as revise and resubmit or rejected and requiring resubmittal, shall be revised or corrected and resubmitted to the District no later than fourteen (14) days or a shorter period as required to comply with the approved Construction Schedule, after its return to Contractor.
- H. Neither the review nor the lack of review of any Sample(s), Shop Drawing(s), Product Data, and other submittal(s) shall waive any of the requirements of the Contract Documents, or relieve Contractor of any obligation thereunder.
- I. District's and/or Architect's review of Shop Drawings does not relieve the Contractor of responsibility for any errors that may exist. Contractor is responsible for the dimensions and design of adequate connections and details and for satisfactory construction of all the Work.



**PART 13 – PRODUCTS**

Not Used.

**PART 14 – EXECUTION**

Not Used.

END OF DOCUMENT

**SITE STANDARDS**

**PART 15 – GENERAL**

**15.01 RELATED DOCUMENTS AND PROVISIONS:**

All Contract Documents should be reviewed for applicable provisions related to the provisions in this document, including without limitation:

- A. General Conditions, including without limitation, Site Access, Conditions, and Regulations;
- B. Special Conditions;
- C. Drug-Free Workplace Certification;
- D. Tobacco-Free Environment Certification;
- E. Criminal Background Investigation/Fingerprinting Certification;
- F. Temporary Facilities and Controls.

**15.02 REQUIREMENTS OF THE DISTRICT:**

- A. Drug-Free Schools and Safety Requirements:
  - (1) All school sites and other District Facilities have been declared "Drug-Free Zones." No drugs, alcohol and/or smoking are allowed at any time in any buildings and/or grounds on District property. No students, staff, visitors, or contractors are to use drugs on these sites.
  - (2) Smoking and the use of tobacco products by all persons is prohibited on or in District property. District property includes school buildings, school grounds, school-owned vehicles and vehicles owned by others while on District property. Contractor shall post: "Non-Smoking Area" in a highly visible location in each work area, staging area, and parking area. Contractor may designate a smoking area outside of District property within the public right-of-way, provided that this area remains quiet and unobtrusive to adjacent neighbors. This smoking area is to be kept clean at all times.
  - (3) Contractor shall ensure that no alcohol, firearms, weapons, or controlled substances enter or are used at the Site. Contractor shall immediately remove from the Site and terminate the employment of any employee(s) found in violation of this provision.
- B. Language: Profanity or other unacceptable and/or loud language will not be tolerated, "Cat calls" or other derogatory language toward students, staff, volunteers, parents or public will not be allowed.

- C. Disturbing the Peace (Noise and Lighting):
- (1) Contractor shall observe the noise ordinance of the Site at all times including, without limitation, all applicable local, city, and/or state laws, ordinances, and/or regulations regarding noise and allowable noise levels.
  - (2) The use of radios, etc., shall be controlled to keep all sound at a level that cannot be heard beyond the immediate area of use. District reserves the right to prohibit the use of radios at the Site, except for mobile phones or other handheld communication radios.
  - (3) If portable lights are used after dark, all light must be located so as not to direct light into neighboring property.
- D. Traffic:
- (1) Driving on the Premises shall be limited to periods when students and public are not present. If driving or deliveries must be made during the school hours, two (2) or more ground guides shall lead the vehicle across the area of travel. In no case shall driving take place across playgrounds or other pedestrian paths during recess, lunch, and/or class period changes. The speed limit on-the Premises shall be five (5) miles per hour (maximum) or less if conditions require.
  - (2) All paths of travel for deliveries, including without limitation, material, equipment, and supply deliveries, shall be reviewed and approved by District in advance. Any damage will be repaired to the pre-damaged condition by the Contractor.
  - (3) District shall designate a construction entry to the Site. If Contractor requests, District determines it is required, and to the extent possible, District shall designate a staging area so as not to interfere with the normal functioning of school facilities. Location of gates and fencing shall be approved in advance with District and at Contractor's expense.
  - (4) Parking areas shall be reviewed and approved by District in advance. No parking is to occur under the drip line of trees or in softscape areas that could otherwise be damaged.
- E. All of the above shall be observed and complied with by the Contractor and all workers on the Site. Failure to follow these directives could result in individual(s) being suspended or removed from the work force at the discretion of the District. The same rules and regulations shall apply equally to delivery personnel, inspectors, consultants, and other visitors to the Site.

**PART 16 - PRODUCTS** Not Used.

**PART 17 - EXECUTION** Not Used.

END OF DOCUMENT

**REGULATORY REQUIREMENTS**

**PART 18 - GENERAL**

**18.01 RELATED DOCUMENTS AND PROVISIONS:**

All Contract Documents should be reviewed for applicable provisions related to the provisions in this document, including without limitation:

- A. General Conditions, including, without limitation, Obtaining of Permits, Licenses and Registrations and Work to Comply with All Applicable Laws and Regulations;
- B. Special Conditions; and
- C. Quality Control.

**18.02 DESCRIPTION:**

This section covers the general requirements for regulatory requirements pertaining to the Work and is supplementary to all other regulatory requirements mentioned or referenced elsewhere in the Contract Documents.

**18.03 REQUIREMENTS OF REGULATORY AGENCIES:**

- A. All statutes, ordinances, laws, rules, codes, regulations, standards, and the lawful orders of all public authorities having jurisdiction over the Work, are hereby incorporated into these Contract Documents as if repeated in full herein and are intended to be included in any reference to Code or Building Code, unless otherwise specified, including, without limitation, the references in the list below. Contractor shall make available at the Site copies of all the listed documents applicable to the Work as the District and/or Architect may request, including, without limitation, applicable portions of the California Code of Regulations ("CCR").
  - (1) California Building Standards Administrative Code, Part 1, Title 24, CCR.
  - (2) California Building Code (CBC), Part 2, Title 24, CCR; (International Building Code volumes 1-2 and California Amendments).
  - (3) California Electrical Code (CEC), Part 3, Title 24, CCR; (National Electrical Code and California Amendments).
  - (4) California Mechanical Code (CMC), Part 4, Title 24, CCR; (Uniform Mechanical Code and California Amendments).

- (5) California Plumbing Code (CPC), Part 5, Title 24, CCR; (Uniform Plumbing Code and California Amendments).
- (6) California Fire Code (CFC), Part 9, Title 24, CCR; (International Fire Code and California Amendments).
- (7) California Green Building Standards Code (CALGreen), Part 11, Title 24, CCR.
- (8) California Referenced Standards Code, Part 12, Title 24, CCR.
- (9) State Fire Marshal Regulations, Public Safety, Title 19, CCR.
- (10) Partial List of Applicable National Fire Protection Association (NFPA) Standards:
  - (a) NFPA 13 - Automatic Sprinkler System.
  - (b) NFPA 14 - Standpipes Systems.
  - (c) NFPA 17A - Wet Chemical System
  - (d) NFPA 24 - Private Fire Mains.
  - (e) (California Amended) NFPA 72 - National Fire Alarm Codes.
  - (f) NFPA 253 - Critical Radiant Flux of Floor Covering System.
  - (g) NFPA 2001 - Clean Agent Fire Extinguishing Systems.
- (11) California Division of the State Architect interpretation of Regulations ("DSA IR"), including, without limitation:
  - (a) DSA IR A-6 — Construction Change Document Submittal and Approval Processes.
  - (b) DSA IR A-7 — Project Inspector Certification and Approval.
  - (c) DSA IR A-8 — Project Inspector and Assistant Inspector Duties and Performance.
  - (d) DSA IR A-12 — Assistant Inspector Approval.
- (12) DSA Procedures ("DSA PR")
  - (a) DSA PR 13-01 – Construction Oversight Process
  - (b) DSA PR 13-02 – Project Certification Process

B. This Project shall be governed by applicable regulations, including, without limitation, the State of California's Administrative Regulations for the Division of the State Architect-Structural Safety (DSA/SS), Chapter 4, Part 1, Title 24,

CCR, and the most current version on the date the bids are opened and as it pertains to school construction including, without limitation:

- (1) Test and testing laboratory per Section 4-335. District shall pay for the testing laboratory.
- (2) Special inspections per Section 4-333(c).
- (3) Deferred Approvals per section 4-317(g).
- (4) Verified reports per Sections 4-336 & 4-343(c).
- (5) Duties of the Architect & Engineers shall be per Sections 4-333(a) and 4-341.
- (6) Duties of the Contractor shall be per Section 4-343.
- (7) Duties of Project Inspector shall be per Section 4-334.
- (8) Addenda and Construction Change Documents per Section 4-338.

Contractor shall keep and make available all applicable parts of the most current version of Title 24 referred to in the plans and specifications at the Site during construction.

C. Items of deferred approval shall be clearly marked on the first sheet of the Architect's and/or Engineer's approved Drawings. All items later submitted for approval shall be per Title 24 requirements to the DSA.

- (1) Contractor shall submit the following to Architect for review and endorsement:
  - (a) Product information on proposed material/system supplier.
  - (b) Drawings, specifications, and calculations prepared, signed, and stamped by an architect or engineer licensed in the State of California for that portion of the Work.
  - (c) All other requirements as may be required by DSA.
- (2) Cost of preparing and submitting documentation per DSA Deferred Approval requirements including required modifications to Drawings and Specifications, whether or not indicated in the Contract Documents, shall be borne by Contractor.
- (3) Contractor shall not begin fabrication and installation of deferred approval items without first obtaining DSA approval of Drawings and Specifications.
- (4) Schedule of Work Subject to DSA Deferred Approval: Window wall systems exceeding 10 feet in span.

**PART 19 – PRODUCTS**

Not Used.

**PART 20 – EXECUTION**

Not Used.

END OF DOCUMENT

**ABBREVIATIONS AND ACRONYMS**

**PART 21 – GENERAL**

**21.01 RELATED DOCUMENTS AND PROVISIONS:**

All Contract Documents should be reviewed for applicable provisions related to the provisions in this document, including without limitation:

- A. General Conditions including without limitation, Definitions;
- B. Special Conditions.

**21.02 DOCUMENT INCLUDES:**

- A. Abbreviations used throughout the Contract Documents.
- B. Reference to a technical society, organization, or body is by abbreviation, as follows:

1.	AA	The Aluminum Association
2.	AASHTO	American Association of State Highway and Transportation Officials
3.	ABPA	Acoustical and Board Products Association
4.	ACI	American Concrete Institute
5.	AGA	American Gas Association
6.	AGC	Associated General Contractors of America
7.	AHC	Architectural Hardware Consultant
8.	AHRI	Air Conditioning, Heating, Refrigeration Institute
9.	AI	Asphalt Institute
10.	AIA	American Institute of Architects
11.	AISC	American Institute of Steel Construction
12.	AISI	American Iron and Steel Institute
13.	AMCA	Air Movement and Control Association
14.	ANSI	American National Standards Institute
15.	APA	APA – The Engineered Wood Association
16.	ASCE	American Society of Civil Engineers
17.	ASHRAE	American Society of Heating, Refrigeration and Air Conditioning Engineers
18.	ASME	American Society of Mechanical Engineers
19.	ASTM	American Society of Testing and Materials International
20.	AWPA	American Wood Protection Association
21.	AWPI	American Wood Preservers Institute
22.	AWS	American Welding Society
23.	AWSC	American Welding Society Code
24.	AWI	Architectural Woodwork Institute
25.	AWWA	American Water Works Association



26.	BIA	The Brick Industry Association
27.	CCR	California Code of Regulations
28.	CLFMI	Chain Link Fence Manufacturers Institute
29.	CRA	California Redwood Association
30.	CRSI	Concrete Reinforcing Steel Institute
31.	CS	Commercial Standards
32.	CSI	Construction Specifications Institute
33.	CTI	Cooling Technology Institute
34.	FGIA	Fenestration and Glazing Industry Alliance
35.	FGMA	Flat Glass Manufacturers' Association
36.	FIA	Factory Insurance Association
37.	FM	Factory Mutual Global
38.	FS/FED SPEC	Federal Specification
39.	FTI	Facing Title Institute
40.	GA	Gypsum Association
41.	IAPMO	International Association of Plumbing and Mechanical Officials
42.	ICC	International Code Council
43.	IEEE	Institute of Electrical and Electronics Engineers
44.	IES	Illuminating Engineering Society
45.	MCAC	Mason Contractors Association of California
46.	MIMA	Mineral Wool Insulation Manufacturers Association
47.	MLMA	Metal Lath Manufacturers Association
48.	MS/MIL SPEC	Military Specifications
49.	NAAMM	National Association of Architectural Metal Manufacturers
50.	NBHA	National Builders Hardware Association
51.	NCMA	National Concrete Masonry Association
52.	NCSEA	National Council of Structural Engineers Associations
53.	NEC	National Electrical Code
54.	NEMA	National Electrical Manufacturers Association
55.	NIST	National Institute of Standards and Technology
56.	NSI	Natural Stone Institute
57.	NTMA	National Terrazzo and Mosaic Association, Inc.
58.	ORS	Office of Regulatory Services (California)
59.	OSHA	Occupational Safety and Health Act
60.	PCI	Precast/Prestressed Concrete Institute
61.	PCA	Portland Cement Association
62.	PCA	Painting Contractors Association
63.	PDI	Plumbing Drainage Institute
64.	PEI	Porcelain Enamel Institute, Inc.
65.	PG&E	Pacific Gas & Electric Company
66.	PS	Product Standards
67.	SDI	Steel Door Institute; Steel Deck Institute
68.	SJI	Steel Joist Institute
69.	SSPC	Society for Protective Coatings
70.	TCNA	Tile Council of North America, Inc.
71.	TPI	Truss Plate Institute

72.	UBC	Uniform Building Code
73.	UL	Underwriters Laboratories Code
74.	UMC	Uniform Mechanical Code
75.	USDA	United States Department of Agriculture
76.	VI	Vermiculite Institute
77.	WCLIB	West Coast Lumber Inspection Bureau
78.	WDMA	Window and Door Manufacturers Association
79.	WEUSER	Western Electric Utilities Service Engineering Requirements
80.	WIC	Woodwork Institute of California

**PART 22 - PRODUCTS**

Not Used.

**PART 23 - EXECUTION**

Not Used.

END OF DOCUMENT

**DEFINITIONS**

**PART 24 - GENERAL**

**24.01 RELATED DOCUMENTS AND PROVISIONS**

All Contract Documents should be reviewed for applicable provisions related to the provisions in this document, including without limitation:

- A. General Conditions including without limitation, Definitions;
- B. Special Conditions.

**24.02 QUALITY ASSURANCE**

- A. For products or workmanship specified by association, trade, or Federal Standards, Contractor shall comply with requirements of the standard, except when more rigid requirements are specified in the Contract Documents, or are required by applicable codes.
- B. Contractor shall conform to current reference standard publication date in effect on the date of bid opening.
- C. Contractor shall obtain copies of standards unless specifically required not to by the Contract Documents.
- D. Contractor shall maintain a copy of all standards at jobsite during submittals, planning, and progress of the specific Work, until final completion, unless specifically required not to by the Contract Documents.
- E. Should specified reference standards conflict with Contract Documents, Contractor shall request clarification from the District and/or the Architect before proceeding.
- F. The contractual relationship of the parties to the Contract shall not be altered from the contractual relationship as indicated in the Contract Documents by mention or inference otherwise in any referenced document.
- G. Governing Codes shall be as shown in the Contract Documents including, without limitation, the Specifications.

END OF DOCUMENT

**REFERENCES****PART 25 - GENERAL****25.01 SCHEDULE OF REFERENCES:**

**The following information is intended only for the general assistance of the Contractor, and the District does not represent that all of the information is current. It is the Contractor's responsibility to verify the correct information for each of the entities listed.**

AA	The Aluminum Association 1400 Crystal Drive, Suite 430 Arlington, VA 22202 <a href="http://www.aluminum.org">www.aluminum.org</a>	703/358-2960
AABC	Associated Air Balance Council 2401 Pennsylvania Avenue NW, Suite 330 Washington, DC 20037 <a href="http://www.aabc.com">www.aabc.com</a>	202/737-0202
AASHTO	American Association of State Highway and Transportation Officials 555 12th St. NW - Suite 1000 Washington, DC 20004 <a href="http://www.transportation.org">www.transportation.org</a>	202/624-5800
AATCC	American Association of Textile Chemists and Colorists P.O. Box 12215 Research Triangle Park, NC 27709-2215 <a href="http://www.aatcc.org">www.aatcc.org</a>	919/549-8141
ACA	American Coatings Association 901 New York Ave., NW, Suite 300 West Washington, DC 20001 <a href="http://www.paint.org">www.paint.org</a>	202/462-6272
ACI	American Concrete Institute 38800 Country Club Dr. Farmington Hills, MI 48331-3439 <a href="http://www.concrete.org">www.concrete.org</a>	248/848-3800
ACPA	American Concrete Pipe Association 5605 N. MacArthur Blvd., Suite 340 Irving, TX 75038 <a href="http://www.concrete-pipe.org">www.concrete-pipe.org</a>	972/506-7216

ADC	Air Duct Council 1901 N. Roselle Road, Suite 800 Schaumburg, IL 60195 <a href="http://www.flexibleduct.org">www.flexibleduct.org</a>	847/706-6750
AF&PA	American Forest and Paper Association 1101 K Street, NW, Suite 700 Washington, DC 20005 <a href="http://www.afandpa.org">www.afandpa.org</a>	202/463-2700
AGA	American Gas Association 400 North Capitol Street, NW, Suite 450 Washington, DC 20001 <a href="http://www.aga.org">www.aga.org</a>	202/824-7000
AGC	Associate General Contractors of America 2300 Wilson Blvd., Suite 300 Arlington, VA 22201 <a href="http://www.agc.org">www.agc.org</a>	703/548-3118
AHA	American Hardboard Association 1210 West Northwest Highway Palatine, IL 60067 <a href="http://domensino.com/AHA/default.htm">http://domensino.com/AHA/default.htm</a>	847/934-8800
AI	Asphalt Institute 2696 Research Park Drive Lexington, KY 40511-8480 <a href="http://www.asphaltinstitute.org">www.asphaltinstitute.org</a>	859/288-4960
AIA	The American Institute of Architects 1735 New York Ave., NW Washington, DC 20006-5292 <a href="http://www.aia.org">www.aia.org</a>	202/626-7300
AISC	American Institute of Steel Construction 130 East Randolph Street, Suite 2000 Chicago, IL 60601 <a href="http://www.aisc.org">www.aisc.org</a>	312.670.2400
AISI	American Iron and Steel Institute 25 Massachusetts Ave., NW, Suite 800 Washington, DC 20001 <a href="http://www.steel.org">www.steel.org</a>	202/452-7100
AITC	American Institute of Timber Construction 1010 South 336th Street, #210 Federal Way, WA 98003-7394 <a href="https://www.plib.org/aitc/">https://www.plib.org/aitc/</a>	253/835-3344

ALI	Associated Laboratories, Inc. P.O. Box 152837 Dallas, TX 75315 www.assoc-labs.com	214/565-0593
ALSC	American Lumber Standards Committee, Inc. 7470 New Technology Way, Suite F Frederick, MD 21703 www.alsc.org	301/972-1700
AMCA	Air Movement and Control Association International, Inc. 30 W. University Drive Arlington Heights, IL 60004 www.amca.org	847/394-0150
AMPP (formerly SSPC)	Association for Materials Protection and Performance (merger of Society for Protective Coatings and National Association of Corrosion Engineers International) (formerly Steel Structures Painting Council) 800 Trumbull Drive Pittsburgh, PA 15205 www.sspc.org	412/281-2331 877/281-7772
ANLA	AmericanHort (merger of American Nursery & Landscape Association and OFA – The Association of Horticultural Professionals) 2130 Stella Court Columbus, OH 43215 www.americanhort.org	614/487-1117
ANSI	American National Standards Institute 1899 L Street, NW, 11th Floor Washington, DC 20036 www.ansi.org	202/293-8020
APA	APA-The Engineered Wood Association 7011 S. 19th Street Tacoma, WA 98466-5333 www.apawood.org	253/565-6600

APA	Architectural Precast Association 325 John Knox Rd, Suite L-103 Tallahassee, FL 32303 www.archprecast.org	850/205-5637
APCIA	American Property Casualty Insurance Association (merger of American Insurance Association (formerly the National Board of Fire Underwriters) with the Property Casualty Insurers Association of America) 555 12th St, NW, Suite 550 Washington DC 20004 www.apci.org	202/828-7100
AHRI	Air Conditioning and Refrigeration Institute (now Air- Conditioning, Heating, & Refrigeration Institute) 2311 Wilson Blvd, Suite 400 Arlington, VA 22201 www.ahrinet.org	703/524-8800
ARMA	Asphalt Roofing Manufacturers Association 2331 Rock Spring Road Forest Hill, MD 21050 www.asphaltroofing.org	443/640-1075
ASA	The Acoustical Society of America Suite 300 1305 Walt Whitman Road Melville, NY 11747-4300 <a href="https://acousticalsociety.org/">https://acousticalsociety.org/</a>	516/576-2360
ASCE	American Society of Civil Engineers 1801 Alexander Bell Drive Reston, VA 20191 www.asce.org	800/548-2723 703/295-6300
ASHRAE	American Society of Heating, Refrigerating and Air Conditioning Engineers 180 Technology Parkway Peachtree Corners, GA 30092 www.ashrae.org	800/527-4723 404/636-8400
ASLA	American Society of Landscape Architects 636 Eye Street, NW Washington, DC 20001-3736 www.asla.org	202/898-2444
ASME	American Society of Mechanical Engineers Two Park Avenue New York, NY 10016-5990 www.asme.org	800/834-2763

ASPE	American Society of Plumbing Engineers 6400 Shafer Court, Suite 350 Rosemont, IL 60018 <a href="http://aspe.org">http://aspe.org</a>	847/296-0002
ASQ	American Society for Quality P.O. Box 3005 Milwaukee, WI 53201-3005 or 600 North Plankinton Avenue Milwaukee, WI 53203 <a href="http://asq.org">http://asq.org</a>	800/248-1946 414/272-8575
ASSE	American Society of Sanitary Engineering 18927 Hickory Creek Dr., Suite 220 Mokena, IL 60448 <a href="http://www.asse-plumbing.org">www.asse-plumbing.org</a>	708/995-3019
ASTM	ASTM International 100 Barr Harbor Drive PO Box C700 West Conshohocken, PA, 19428-2959 <a href="http://www.astm.org">www.astm.org</a>	610/832-9500
AWCI	Association of the Wall and Ceiling Industry 513 West Broad Street, Suite 210 Falls Church, VA 22046 <a href="http://www.awci.org">www.awci.org</a>	703/538-1600
AWPA	American Wood Protection Association (formerly American Wood Preservers Institute) P.O. Box 361784 Birmingham, AL 35236-1784 <a href="http://www.awpa.com">www.awpa.com</a>	205/733-4077
AWS	American Welding Society 8669 NW 36 Street, Suite 130 Miami, FL 33166 <a href="http://www.aws.org">www.aws.org</a>	800/443-9353 305/443-9353
AWI	Architectural Woodwork Institute 46179 Westlake Drive, Suite 120 Potomac Falls, VA 20165-5874 <a href="http://www.awinet.org">www.awinet.org</a>	571/323-3636
AWWA	American Water Works Association 6666 West Quincy Avenue Denver, CO 80235 <a href="http://www.awwa.org">www.awwa.org</a>	800/926-7337 303/794-7711



BHMA	Builders Hardware Manufacturers Association 355 Lexington Avenue, 15th Floor New York, NY 10017 www.buildershardware.com	212/297-2122
BIA	The Brick Industry Association 12007 Sunrise Valley Drive, Suite 430 Reston, VA 20191 www.gobrick.com	703/620-0010
CGA	Compressed Gas Association 8484 Westpark Drive, Suite 220 McLean, VA 22102 www.cganet.com	703/788-2700
CISCA	Ceilings & Interior Systems Construction Association 1010 Jorie Blvd, Suite 30 Oak Brook, IL 60523 www.cisca.org	630/584-1919
CISPI	Cast Iron Soil Pipe Institute 2401 Fieldcrest Dr. Mundelein, IL 60060 www.cispi.org	224/864-2910
CLFMI	Chain Link Fence Manufacturers Institute 10015 Old Columbia Road, Suite B-215 Columbia, MD 21046 chainlinkinfo.org	301/596-2583
CPA	Composite Panel Association 19465 Deerfield Avenue, Suite 306 Leesburg, VA 20176 www.compositepanel.org	703/724-1128
CPSC	Consumer Product Safety Commission 4330 East-West Highway Bethesda, MD 20814 www.cpsc.gov	800/638-2772
CRA	California Redwood Association 818 Grayson Road, Suite 201 Pleasant Hill, CA 94523 www.calredwood.org	925/935-1499

CRI	Carpet and Rug Institute 100 S. Hamilton Street Dalton, GA 30722-2048 www.carpet-rug.org	706/278-3176
CRSI	Concrete Reinforcing Steel Institute 933 N. Plum Grove Road Schaumburg, IL 60173-4758 www.crsi.org	847/517-1200
CSI	The Construction Specifications Institute 123 North Pitt St, Suite 450 Alexandria, VA 22314 www.csinet.org	800/689-2900
CTIOA	Ceramic Tile Institute of America 12061 Jefferson Blvd. Culver City, CA 90230-6219 www.ctioa.org	310/574-7800
DHA	Decorative Hardwoods Association (formerly Hardwood Plywood & Veneer Association) 42777 Trade West Dr. Sterling, VA 20166 <a href="https://www.decorativehardwoods.org/">https://www.decorativehardwoods.org/</a>	703/435-2900
DHI	Door and Hardware Institute (formerly National Builders Hardware Association) 2001 K Street NW, 3rd Floor North Washington, DC 20006 www.dhi.org	202/367-1134
DIPRA	Ductile Iron Pipe Research Association P.O. Box 190306 Birmingham, AL 35219 www.dipra.org	205/402-8700
DOC	U.S. Department of Commerce 1401 Constitution Ave., NW Washington, DC 20230 www.commerce.gov	202/482-2000
DOT	U.S. Department of Transportation 1200 New Jersey Avenue, SE Washington, DC 20590 www.dot.gov	855/368-4200
EJMA	Expansion Joint Manufacturers Association, Inc. 25 North Broadway Tarrytown, NY 10591 www.ejma.org	914/332-0040

EPA	Environmental Protection Agency Ariel Rios Building 1200 Pennsylvania Avenue, N.W. Washington, DC 20460 <a href="http://www.epa.gov">www.epa.gov</a>	202/272-0167
FCICA	Floor Covering Installation Contractors Association 800 Roosevelt Rd., Bldg. C, Suite 312 Glen Ellyn, IL 60137 <a href="http://www.fcica.com">www.fcica.com</a>	630/672-3702
FGIA	Fenestration and Glazing Industry Alliance 1900 E Golf Rd, Suite 1250 Schaumburg, IL 60173 <a href="https://fgiaonline.org/">https://fgiaonline.org/</a>	847/303-5664
FM Global	Factory Mutual Insurance Company Amy Daley Global Practice Leader – Education, Public Entities, Health Care FM Global 270 Central Avenue Johnston, RI 02919-4949 <a href="http://www.fmglobal.com">www.fmglobal.com</a>	401/275-3000 401/275-3029
FS	General Services Administration (GSA) Index of Federal Specifications, Standards and Commercial Item Descriptions 470 East L'Enfant Plaza, SW, Suite 8100 Washington, DC 20407 <a href="http://www.gsa.gov">www.gsa.gov</a>	202/619-8925
GA	The Gypsum Association 962 Wayne Ave., Suite 620 Silver Spring, MD 20910 <a href="http://www.gypsum.org">www.gypsum.org</a>	301/277-8686
HMA	Hardwood Manufacturers Association One Williamsburg Place, Suite 108 Warrendale, PA 15086 <a href="http://hmamembers.org">http://hmamembers.org</a>	412/244-0440

IAPMO	International Association of Plumbing and Mechanical Officials (formerly the Western Plumbing Officials Association) 4755 E. Philadelphia St. Ontario, CA 91761 <a href="http://www.iapmo.org">www.iapmo.org</a>	909/472-4100
ICC	International Code Council 500 New Jersey Avenue, NW, 6th Floor Washington, DC 20001 <a href="http://www.iccsafe.org">www.iccsafe.org</a>	888/422-7233
IEEE	Institute of Electrical and Electronics Engineers 3 Park Avenue, 17th Floor New York, NY 10016-5997 <a href="http://www.ieee.org">www.ieee.org</a>	212/419-7900
IES	Illuminating Engineering Society 120 Wall Street, Floor 17 New York, NY 10005-4001 <a href="http://www.ies.org">www.ies.org</a>	212/248-5000
ITRK	Intertek Testing Services 3933 US Route 11 Cortland, NY 13045 <a href="http://www.intertek.com">www.intertek.com</a>	607/753-6711
MCAA	Mechanical Contractors Association of America 1385 Piccard Drive Rockville, MD 20850 <a href="http://www.mcaa.org">www.mcaa.org</a>	301/869-5800
MMPA (formerly WMMPA)	Moulding & Millwork Producers Association (formerly Wood Moulding & Millwork Producers Association) 507 First Street Woodland, CA 95695 <a href="http://www.wmmpa.com">www.wmmpa.com</a>	530/661-9591 800/550-7889
MSS	Manufacturers Standardization Society (MSS) of the Valve and Fittings Industry, Inc. 127 Park Street, NE Vienna, VA 22180-4602 <a href="http://mss-hq.org">http://mss-hq.org</a>	703/281-6613
NAAMM	National Association of Architectural Metal Manufacturers 800 Roosevelt Rd. Bldg. C, Suite 312 Glen Ellyn, IL 60137 <a href="http://www.naamm.org">www.naamm.org</a>	630/942-6591

NAIMA	North American Insulation Manufacturers Association P.O. Box 1906 Alexandria, VA 22313 <a href="https://insulationinstitute.org/">https://insulationinstitute.org/</a>	703/684-0084
NALP	National Association of Landscape Professionals (formerly Professional Landcare Network) 12500 Fair Lakes Circle, Suite 200 Fairfax, VA 22033 <a href="https://www.landscapeprofessionals.org/">https://www.landscapeprofessionals.org/</a>	703/736-9666
NAPA	National Asphalt Pavement Association 6406 Ivy Lane, Suite 350 Greenbelt, MD 20770-1441 <a href="http://www.asphaltpavement.org">www.asphaltpavement.org</a>	888/468-6499 301/731-4748
NCSPA	National Corrugated Steel Pipe Association 14070 Proton Road, Suite 100 Dallas, TX 75244 <a href="http://www.ncspa.org">www.ncspa.org</a>	972/850-1907
NCMA	National Concrete Masonry Association 13750 Sunrise Valley Drive Herndon, VA 20171-4662 <a href="http://www.ncma.org">www.ncma.org</a>	703/713-1900
NEBB	National Environmental Balancing Bureau 8575 Grovemont Circle Gaithersburg, MD 20877 <a href="http://www.nebb.org">www.nebb.org</a>	301/977-3698
NECA	National Electrical Contractors Association 1201 Pennsylvania Ave. NW Washington, D.C., 20004 <a href="http://www.necanet.org">www.necanet.org</a>	202/991-6300
NEMA	National Electrical Manufacturers Association 1300 North 17th Street N, Suite 900 Rosslyn, VA 22209 <a href="http://www.nema.org">www.nema.org</a>	703/841-3200
NEII	National Elevator Industry, Inc. 5537 SW Urish Road Topeka, KS 66610 <a href="https://nationalelevatorindustry.org/">https://nationalelevatorindustry.org/</a>	703/589-9985
NFPA	National Fire Protection Association 1 Batterymarch Park Quincy, MA 02169-7471 <a href="http://www.nfpa.org">www.nfpa.org</a>	800/344-3555 855/274-8525

NGA (formerly GANA)	National Glass Association (merged with Glass Association of North America) 1945 Old Gallows Road Suite 750 Vienna, VA 22182 www.glass.org	866/342-5642 Ext 127
NHLA	National Hardwood Lumber Association PO Box 34518 Memphis, TN 38184 www.nhla.com	901/377-1818
NIA	National Insulation Association 516 Herndon Pkwy., Ste. D Herndon, VA 20170 www.insulation.org	703/464-6422
NRCA	National Roofing Contractors Association 10255 W. Higgins Road, Suite 600 Rosemont, IL 60018-5607 www.nrca.net	847/299-9070
NSF	NSF International 789 N. Dixboro Road Ann Arbor, MI 48113-0140 www.nsf.org	800/673-6275 734/769-8010
NSI	Natural Stone Institute (formerly Marble Institute of America) 380 E. Lorain St. Oberlin, OH 44074 <a href="https://www.naturalstoneinstitute.org/">https://www.naturalstoneinstitute.org/</a>	440/250-9222
NTMA	National Terrazzo and Mosaic Association 209 N. Crockett Street, Suite 2 PO Box 2605 Fredericksburg, TX 78624 www.ntma.com	800/323-9736
OSHA	Occupational Safety and Health Act U.S. Department of Labor Occupational Safety & Health Administration 200 Constitution Ave., NW Washington, DC 20210 www.osha.gov	800/321-OSHA (6742)

PCA	Portland Cement Association 5420 Old Orchard Road Skokie, IL 60077 or 200 Massachusetts Ave NW, Suite 200 Washington, DC 20001 www.cement.org	847/966-6200 202/408-9494
PCA	Painting Contractors Association (formerly Painting and Decorating Contractors of America) 2316 Millpark Drive Maryland Heights, MO 63043 <a href="https://www.pcapainted.org/">https://www.pcapainted.org/</a>	800/322-7322
PCI	Precast/Prestressed Concrete Institute 8770 W. Bryn Mawr Ave., Suite 1150 Chicago, IL 60631 www.pci.org	312/786-0300
PDI	Plumbing & Drainage Institute 800 Turnpike Street, Suite 300 North Andover, MA 01845 <a href="http://pdionline.org">http://pdionline.org</a>	978/557-0720 800/589-8956
PEI	Porcelain Enamel Institute, Inc. P.O. Box 920220 Norcross, GA 30010 www.porcelainenamel.com	770/676-9366
PG&E	Pacific Gas & Electric Company P.O. Box 997300 Sacramento, CA 95899-7300 www.pge.com	800/743-5000
PLIB	Pacific Lumber Inspection Bureau (formerly West Coast Lumber Inspection Bureau) 1010 South 336th Street, Suite 210 Federal Way, WA 98003-7394 <a href="https://www.plib.org/">https://www.plib.org/</a>	253/835-3344
RFCI	Resilient Floor Covering Institute 115 Broad Street, Suite 201 La Grange, GA 30240 www.rfci.com	706/882-3833
SDI	Steel Deck Institute P.O. Box 426 Glenshaw, PA 15116 www.sdi.org	412/487-3325

SDI	Steel Door Institute 30200 Detroit Road Westlake, OH 44145 www.steeldoor.org	440/899-0010
SJI	Steel Joist Institute 140 West Evans Street, Suite 203 Florence, SC 29501 http://steeljoist.org	843/407-4091
SMA	Stucco Manufacturers Association 5753 E Santa Ana Cyn Rd, #G-156 Anaheim, CA 92807 www.stuccomfgassoc.com	714/473-9579
SMACNA	Sheet Metal and Air Conditioning Contractors' National Association 4201 Lafayette Center Drive Chantilly, VA 20151-1219 www.smacna.org	703/803-2980
SPI	SPI: The Plastics Industry Trade Association, Inc. 1425 K St. NW, Suite 500 Washington, DC 20005 www.plasticsindustry.org	202/974-5200
TCA	The Tile Council of North America 100 Clemson Research Blvd. Anderson, SC 29625 www.tcnatile.com	864/646-8453
TPI	Truss Plate Institute 2670 Crain Highway, Suite 203 Waldorf, MD 20601 www.tpinst.org	240/587-5582
TPI	Turfgrass Producers International 444 E. Roosevelt Road #346 Lombard, IL 60148 www.turfgrassod.org	800/405-8873 847/649-5555
TCIA	Tree Care Industry Association (formerly the National Arborist Association) 670 N Commercial Street, Suite 201 Manchester, NH 03101 www.tcia.org	603/314-5380 800/733-2622



TVI	The Vermiculite Institute c/o The Schundler Company 10 Central Street Nahant, MA 01908 <a href="http://www.vermiculiteinstitute.org">www.vermiculiteinstitute.org</a>	732/287-2244
UL	Underwriters Laboratories Inc. 333 Pfingsten Road Northbrook, IL 60062-2096 <a href="http://www.ul.com">www.ul.com</a>	847/272-8800 877/854-3577
UNI	Uni-Bell PVC Pipe Association 201 E. John Carpenter Freeway, Suite 750 Irving, TX 75062 <a href="http://www.uni-bell.org">www.uni-bell.org</a>	972/243-3902
USDA	U.S. Department of Agriculture 1400 Independence Ave., S.W. Washington, DC 20250 <a href="http://www.usda.gov">www.usda.gov</a>	202/720-2791
WA	Wallcoverings Association 35 E Wacker Dr., Suite 850 Chicago, IL 60601 <a href="http://www.wallcoverings.org">www.wallcoverings.org</a>	312/224-2574
WCMA	Window Covering Manufacturers Association 355 Lexington Avenue 15th Floor New York, NY 10017 <a href="http://www.wcmanet.org">www.wcmanet.org</a>	212/297-2122
WDMA	Window & Door Manufacturers Association 2001 K Street NW, 3rd Floor North Washington, D.C. 20006 <a href="http://www.wdma.com">www.wdma.com</a>	202/367-1157
WI	Woodwork Institute 1455 Response Road, Suite 110 Sacramento, CA 95815 <a href="http://www.wicnet.org">www.wicnet.org</a>	916/372-9943
WRI	Wire Reinforcement Institute 942 Main Street, Suite 300 Hartford, CT 06103 <a href="http://www.wirereinforcementinstitute.org">www.wirereinforcementinstitute.org</a>	860/240-9545
WWCA	Western Wall & Ceiling Contractors Association 1910 N. Lime St. Orange, CA 92865 <a href="http://www.wwcca.org">www.wwcca.org</a>	714/221-5520

WWPA	Western Wood Products Association (formerly Redwood Inspection Service) 1500 SW First Ave., Suite 870 Portland, OR 97201 <a href="http://www.wwpa.org">www.wwpa.org</a>	503/224-3930
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**PART 26 - PRODUCTS Not Used.**

**PART 27 - EXECUTION Not Used.**

END OF DOCUMENT

**MATERIALS AND EQUIPMENT**

**PART 28 - GENERAL**

**28.01 RELATED DOCUMENTS AND PROVISIONS**

All Contract Documents should be reviewed for applicable provisions related to the provisions in this document, including without limitation:

- A. General Conditions, including, without limitation, Purchase of Materials and Equipment;
- B. Special Conditions;
- C. Imported Materials Certification.

**28.02 MATERIAL AND EQUIPMENT**

- A. Only items approved by the District and/or Design Professional shall be used.
- B. Contractor shall submit lists of products and other product information in accordance with the Contract Documents, including, without limitation, the provisions regarding the submittals.

**28.03 MATERIAL AND EQUIPMENT COLORS**

- A. The District and/or Architect will provide a schedule of colors.
- B. No individual color selections will be made until after approval of all pertinent materials and equipment and after receipt of appropriate samples in accordance with the Contract Documents, including, without limitation, the provisions regarding the submittals.
- C. Contractor shall request priority in writing for any item requiring advance ordering to maintain the approved Construction Schedule.

**28.04 DELIVERY, STORAGE, AND HANDLING**

- A. Contractor shall deliver manufactured materials in original packages, containers, or bundles (with seals unbroken), bearing name or identification mark of manufacturer.
- B. Contractor shall deliver fabrications in as large assemblies as practicable; where specified as shop-primed or shop-finished, package or crate as required to preserve such priming or finish intact and free from abrasion.
- C. Contractor shall store materials in such a manner as necessary to properly protect them from damage. Materials or equipment damaged by handling, weather, dirt, or from any other cause will not be accepted.

- D. Materials are not acceptable that have been warehoused for long periods of time, stored or transported in improper environment, improperly packaged, inadequately labeled, poorly protected, excessively shipped, deviated from normal distribution pattern, or reassembled.
- E. Contractor shall store material so as to cause no obstructions of sidewalks, roadways, access to the Site or buildings, and underground services. Contractor shall protect material and equipment furnished under Contract.
- F. Contractor may store materials on Site with prior written approval by the District, all material shall remain under Contractor's control and Contractor shall remain liable for any damage to the materials. Should the Project Site not have storage area available, the Contractor shall provide for off-site storage at a bonded warehouse and with appropriate insurance coverage at no cost to District.
- G. When any room in Project is used as a shop or storeroom, the Contractor shall be responsible for any repairs, patching, or cleaning necessary due to that use. Location of storage space shall be subject to prior written approval by District.

## **PART 29 - PRODUCTS**

### **29.01 MANUFACTURERS**

- A. Manufacturers listed in various sections of Contract Documents are names of those manufacturers that are believed to be capable of supplying one or more of items specified therein.
- B. The listing of a manufacturer does not imply that every product of that manufacturer is acceptable as meeting the requirements of the Contract Documents.

### **29.02 FACILITIES AND EQUIPMENT**

Contractor shall provide, install, maintain, and operate a complete and adequate facility for handling, the execution, disposal, and distribution of material and equipment as required for proper and timely performance of Work connected with Contract.

### **29.03 MATERIAL REFERENCE STANDARDS**

Where material is specified solely by reference to "standard specifications" and if requested by District, Contractor shall submit for review data on actual material proposed to be incorporated into Work of Contract listing name and address of vendor, manufacturer, or producer, and trade or brand names of those materials, and data substantiating compliance with standard specifications.

## **PART 30 - EXECUTION**

### **30.01 WORKMANSHIP**

- A. Where not more specifically described in any other Contract Documents, workmanship shall conform to methods and operations of best standards and accepted practices of trade or trades involved and shall include items of fabrication, construction, or installation regularly furnished or required for completion (including finish and for successful operation, as intended).
- B. Work shall be executed by tradespersons skilled in their respective lines of Work. When completed, parts shall have been durably and substantially built and present a neat appearance.

### **30.02 COORDINATION**

- A. Contractor shall coordinate installation of Work so as to not interfere with installation of others. Adjustment or rework because of Contractor's failure to coordinate will be at no additional cost to District.
- B. Contractor shall examine in-place work for readiness, completeness, fitness to be concealed or to receive other work, and in compliance with Contract Documents. Concealing or covering Work constitutes acceptance of additional cost which will result should in-place Work be found unsuitable for receiving other Work or otherwise deviating from the requirements of the Contract Documents.

### **30.03 COMPLETENESS**

Contractor shall provide all portions of the Work, unless clearly stated otherwise, installed complete and operational with all elements, accessories, anchorages, utility connections, etc., in manner to assure well-balanced performance, in accordance with manufacturer's recommendations and by Contract Documents. For example, electric water coolers require water, electricity, and drain services; roof drains require drain system; sinks fit within countertop, etc. Terms such as "installed complete," "operable condition," "for use intended," "connected to all utilities," "terminate with proper cap," "adequately anchored," "patch and refinish," "to match similar," should be assumed to apply in all cases, except where completeness of functional or operable condition is specifically stated as not required.

### **30.04 APPROVED INSTALLER OR APPLICATOR**

Installation by a manufacturer's approved installer or applicator is an understood part of Specifications and only approved installer or applicator is to provide on-site Work where specified manufacturer has on-going program of approving (i.e. certifying, bonding, re-warranting) installers or applicators. Newly established relationships between a manufacturer and an installer or applicator who does not have other approved applicator work in progress or completed is not approved for this Project.

### **30.05 MANUFACTURER'S RECOMMENDATIONS**

All installations shall be in accordance with manufacturer's published recommendations and specific written directions of manufacturer's representative. Should Contract Documents differ from recommendations of manufacturer or directions of his representative, Contractor shall analyze differences, make recommendations to the District and the Architect in writing, and shall not proceed until interpretation or clarification has been issued by the District and/or the Architect.

END OF DOCUMENT

**QUALITY CONTROL**

**PART 31 - GENERAL**

**31.01 RELATED DOCUMENTS AND PROVISIONS:**

All Contract Documents should be reviewed for applicable provisions related to the provisions in this document, including without limitation:

- A. General Conditions, including, without limitation, Inspector, Inspections and Tests, Uncovering of Work and Non-conforming of Work and Correction of Work;
- B. Special Conditions.

**31.02 RELATED CODES:**

- A. The Work is governed by requirements of Title 24, California Code of Regulations ("CCR"), and the Contractor shall keep a copy of these available at the job Site for ready reference during construction.
- B. The Division of the State Architect ("DSA") shall be notified at or before the start of construction.

**31.03 OBSERVATION AND SUPERVISION:**

- A. The District and Architect or their appointed representatives will review the Work and the Contractor shall provide facilities and access to the Work at all times as required to facilitate this review. Administration by the Architect and any consulting Structural Engineer will be in accordance with applicable regulations, including, without limitation, CCR, Part 1, Title 24, Section 4-341.
- B. One or more Project Inspector(s) approved by DSA and employed by or in contract with the District, referred to hereinafter as the "Project Inspector", will observe the work in accordance with CCR, Part 1, Title 24, Sections 4-333(b) and 4-342:
  - (1) The Project Inspector and Special Inspector(s) shall have access to the Work wherever it is in preparation or progress for ascertaining that the Work is in accordance with the Contract Documents and all applicable code sections. The Contractor shall provide facilities and operation of equipment as needed, and access as required and shall provide assistance for sampling or measuring materials.
  - (2) The Project Inspector will notify the District and Architect and call the attention of the Contractor to any observed failure of Work or material to conform to Contract Documents.

- (3) The Project Inspector shall observe and monitor all testing and inspection activities required.

The Contractor shall conform with all applicable laws as indicated in the Contract Documents, including, without limitation, to CCR, Part 1, Title 24, Section 4-343. The Contractor shall supervise and direct the Work and maintain a competent superintendent on the job who is authorized to act in all matters pertaining to the Work. The Contractor's superintendent shall also inspect all materials, as they arrive, for compliance with the Contract Documents. Contractor shall reject defective Work or materials immediately upon delivery or failure of the Work or material to comply with the Contract Documents. The Contractor shall submit verified reports as indicated in the Contract Documents, including, without limitation, the Specifications and as required by Part 1, Title 24, Section 4-336.

#### **31.04 TESTING AGENCIES:**

- A. Testing agencies and tests shall be in conformance with the General Documents and the requirements of Part 1, Title 24, Section 4- 335.
- B. Testing and inspection in connection with earthwork shall be under the direction of the District's consulting soils engineer, if any, referred to hereinafter as the "Soils Engineer."
- C. Testing and inspection of construction materials and workmanship shall be performed by a qualified laboratory, referred to hereinafter as the "Testing Laboratory." The Testing Laboratory shall be under direction of an engineer registered in the State of California, shall conform to requirements of ASTM E329, and shall be employed by or in contract with the District.

#### **31.05 TESTS AND INSPECTIONS:**

- A. The Contractor shall be responsible for notifying the District and Project Inspector of all required tests and inspections. Contractor shall notify the District and Project Inspector at least seventy-two hours (72) hours in advance of performing any Work requiring testing or inspection.
- B. The Contractor shall provide access to Work to be tested and furnish incidental labor, equipment, and facilities to facilitate all inspections and tests.
- C. The District will pay for first inspections and tests required by the "CCR", and other inspections or tests that the District and/or the Architect may direct to have made, including the following principal items:
  - (1) Tests and observations for earthwork and paving.
  - (2) Tests for concrete mix designs, including tests of trial batches.
  - (3) Tests and inspections for structural steel work.
  - (4) Field tests for framing lumber moisture content.



- (5) Additional tests directed by the District that establish that materials and installation comply with the Contract Documents.
- (6) Tests and observations of welding and expansion anchors.
- D. The District may at its discretion, pay and then back charge the Contractor for:
  - (1) Retests or reinspections, if required, and tests or inspections required due to Contractor error or lack of required identifications of material.
  - (2) Uncovering of work in accordance with Contract Documents.
  - (3) Testing done on weekends, holidays, and overtime will be chargeable to the Contractor for the overtime portion.
  - (4) Testing done off Site.
- E. Testing and inspection reports and certifications:
  - (1) If initially received by Contractor, Contractor shall provide to each of the following a copy of the agency or laboratory report of each test or inspection or certification.
    - (a) The District;
    - (b) The Construction Manager, if any;
    - (c) The Architect;
    - (d) The Consulting Engineer, if any;
    - (e) Other engineers on the Project, as appropriate;
    - (f) The Project Inspector; and
    - (g) The Contractor.
  - (2) When the test or inspection is one required by the CCR, a copy of the report shall also be provided to the DSA.

## **PART 32 - PRODUCTS**

### **32.01 TYPE OF TESTS AND INSPECTIONS**

- A. Testing and inspection shall be in accordance with DSA Form 103 (or current version). Tests clarified below are examples and all Testing Requirements
- B. Slump Test  
ASTM C 143
- C. Concrete Tests

Testing agency shall test concrete used in the work per the following paragraphs:

- (1) Compressive Strength:
  - (a) Minimum number of tests required: One (1) set of three (3) cylinders for each 100 cubic yards (Sec. 2604(h) 01) of concrete or major fraction thereof, placed in one (1) day. See Title 24, Section 2605(g).
  - (b) Two cylinders of each set shall be tested at twenty-eight (28) days. One (1) cylinder shall be held in reserve and tested only when directed by the Architect or District.
  - (c) Concrete shall test the minimum ultimate compressive strength in twenty-eight 28 days, as specified on the structural drawings.
  - (d) In the event that the twenty-eight (28) day test falls below the minimum specified strength, the effective concrete in place shall be tested by taking cores in accordance with UBC Standard No. 26-13 and tested as required for cylinders.
  - (e) In the event that the test on core specimens falls below the minimum specified strength, the concrete will be deemed defective and shall be removed and replaced upon such direction of the Architect, and in a manner acceptable to the Division of the State Architect.

D. Reinforcing, Steel

E. Structural Steel Per Title 24 and as noted:

- (1) Material: Steel per Table in Title 24, Section 2712.
- (2) Qualification of Welders (UBC Std. 27-6).
- (3) Shop fabrication (Section 2712(d). Structural steel only).
- (4) Shop and field welding (Section 2712(e)).

### **PART 33 - EXECUTION**

Not Used.

END OF DOCUMENT

**TEMPORARY FACILITIES AND CONTROLS**

**PART 34 – GENERAL**

**34.01 RELATED DOCUMENTS AND PROVISIONS:**

All Contract Documents should be reviewed for applicable provisions related to the provisions in this document, including without limitation:

- A. General Conditions;
- B. Special Conditions;
- C. Site Standards; and
- D. Construction Waste Management and Disposal.

**34.02 TEMPORARY UTILITIES:**

- A. Electric Power and Lighting:
  - (1) Contractor will pay for power during the course of the Work. To the extent power is available in the building(s) or on the Site, Contractor may use the District's existing utilities by making prearranged payments to the District for the utilities used by Contractor and all Subcontractors. Contractor shall be responsible for providing temporary facilities required to deliver that power service from its existing location in the building(s) or on the Site to point of intended use.
  - (2) Contractor shall verify characteristics of power available in building(s) or on the Site. Contractor shall take all actions required to make modifications where power of higher voltage or different phases of current are required. Contractor shall be fully responsible for providing that service and shall pay all costs required therefor.
  - (3) Contractor shall furnish, wire for, install, and maintain temporary electrical lights wherever it is necessary to provide illumination for the proper performance and/or observation of the Work: a minimum of 20 foot-candles for rough work and 50 foot-candles for finish work.
  - (4) Contractor shall be responsible for maintaining existing lighting levels in the project vicinity should temporary outages or service interruptions occur.
- B. Heat and Ventilation:
  - (1) Contractor shall provide temporary heat to maintain environmental conditions to facilitate progress of the Work, to meet specified

minimum conditions for the installation and curing of materials, and to protect materials and finishes from damage due to improper temperature and humidity conditions. Portable heaters shall be standard units complete with controls.

- (2) Contractor shall provide forced ventilation and dehumidification, as required, of enclosed areas for proper installation and curing of materials, to disperse humidity, and to prevent hazardous accumulations of dust, fumes, vapors, and gases.
- (3) Contractor shall pay the costs of installation, maintenance, operation, and removal of temporary heat and ventilation, including costs for fuel consumed, required for the performance of the Work.

C. Water:

- (1) Contractor shall pay for water used during the course of the Work. Contractor shall coordinate and pay for installation or use of water meter in compliance with local water agency requirements. To the extent water is then available in the building(s) or on the Site, Contractor may use the District's existing utilities by making prearranged payments to the District for the utilities used by Contractor and all Subcontractors. Contractor shall be responsible for providing temporary facilities required to deliver such utility service from its existing location in the building(s), on the Site, or other location approved by the local water agency, to point of intended use.
- (2) Contractor shall use backflow preventers on water lines at point of connection to District's water supply. Backflow preventers shall comply with requirements of Uniform Plumbing Code.
- (3) Contractor shall make potable water available for human consumption.

D. Sanitary Facilities:

- (1) Use of toilet facilities in the Work under construction shall not be permitted except by consent of the Inspector and the District.

E. Telephone Service:

- (1) Contractor shall arrange with local telephone service company for telephone service as required for the performance of the Work. Contractor shall, at a minimum, provide in its field office one line for telephone and one line for fax machine.
- (2) Contractor shall pay the costs for telephone and fax lines installation, maintenance, service, and removal.

F. Fire Protection:

- (1) Contractor shall provide and maintain fire extinguishers and other equipment for fire protection. Such equipment shall be designated for use for fire protection only and shall comply with all requirements of the California Fire, State Fire Marshall and/or its designee.
- (2) Where on-site welding and burning of steel is unavoidable, Contractor shall provide protection for adjacent surfaces.

G. Trash Removal:

- (1) Contractor shall provide trash removal on a timely basis. Under no circumstance shall Contractor use District trash service or let waste sit on-site for more than (2) weeks.

H. Field Office:

- (1) If Contractor chooses to provide a field office, it shall be an acceptable construction trailer that is well-lit and ventilated. The construction trailer shall be equipped with shelves, desks, filing cabinet, chairs, and such other items of equipment needed. Trailer and equipment are the property of the Contractor and must be removed from the Site upon completion of the Work. Contractor may use the corridor adjacent to the construction area for an office area, if approved in writing by District.
- (2) Contractor shall provide any additional electric lighting and power required for the trailer. Contractor shall make adequate provisions for heating and cooling as required.

I. Temporary Facilities:

- (1) To be provided by the CM Team (portable restrooms and handwash sinks).

**34.03 CONSTRUCTION AIDS:**

A. Plant and Equipment:

- (1) Contractor shall furnish, operate, and maintain a complete plant for fabricating, handling, conveying, installing, and erecting materials and equipment; and for conveyances for transporting workers. Include elevators, hoists, debris chutes, and other equipment, tools, and appliances necessary for performance of the Work.
- (2) Contractor shall maintain plant and equipment in safe and efficient operating condition. Damages due to defective plant and equipment, and uses made thereof, shall be repaired by Contractor at no expense to the District.

- B. None of the District's tools and equipment shall be used by Contractor for the performance of the Work.

**34.04 BARRIERS AND ENCLOSURES:**

- A. Contractor shall obtain the District's written permission for locations and types of temporary barriers and enclosures, including fire-rated materials proposed for use, prior to their installation.
- B. Contractor shall provide and maintain temporary enclosures to prevent public entry and to protect persons using other buildings and portions of the Site and/or Premises, the public, and workers. Contractor shall also protect the Work and existing facilities from the elements, and adjacent construction and improvements, persons, and trees and plants from damage and injury from demolition and construction operations.
- C. Contractor shall provide site access to existing facilities for persons using other buildings and portions of the Site, the public, and for deliveries and other services and activities.
- D. Tree and Plant Protection:
  - (1) Contractor shall preserve and protect existing trees and plants on the Premises that are not designated or required to be removed, and those adjacent to the Premises.
  - (2) Contractor shall provide barriers to a minimum height of 4'-0" around drip line of each tree and plant, around each group of trees and plants, as applicable, in the proximity of demolition and construction operations, or as denoted on the Plans.
  - (3) Contractor shall not park trucks, store materials, perform Work or cross over landscaped areas. Contractor shall not dispose of paint thinners, water from cleaning, plastering or concrete operations, or other deleterious materials in landscaped areas, storm drain systems, or sewers. Plant materials damaged as a result of the performance of the Work shall, at the option of the District and at Contractor's expense, either be replaced with new plant materials equal in size to those damaged or by payment of an amount representing the value of the damaged materials as determined by the District.
  - (4) Contractor shall remove soil that has been contaminated during the performance of the Work by oil, solvents, and other materials which could be harmful to trees and plants, and replace with good soil, at Contractor's expense.
  - (5) Excavation around Trees:
    - (a) Excavation within drip lines of trees shall be done only where absolutely necessary and with written permission from the District.

- (b) Where trenching for utilities is required within drip lines, tunneling under and around roots shall be by hand digging and shall be approved by the District. Main lateral roots and taproots shall not be cut. All roots 2 inches in diameter and larger shall be tunneled under and heavily wrapped with wet burlap so as to prevent scarring or excessive drying. Smaller roots that interfere with installation of new work may be cut with prior approval by the District. Roots must first be cut with a Vermeer, or equivalent, root cutter prior to any trenching.
- (c) Where excavation for new construction is required within drip line of trees, hand excavation shall be employed to minimize damage to root system. Roots shall be relocated in backfill areas wherever possible. If encountered immediately adjacent to location of new construction, roots shall be cut approximately 6 inches back from new construction.
- (d) Approved excavations shall be carefully backfilled with the excavated materials approved for backfilling. Backfill shall conform to adjacent grades without dips, sunken areas, humps, or other surface irregularities. Do not use mechanical equipment to compact backfill. Tamp carefully using hand tools, refilling and tamping until Final Acceptance as necessary to offset settlement.
- (e) Exposed roots shall not be allowed to dry out before permanent backfill is placed. Temporary earth cover shall be provided, or roots shall be wrapped with four layers of wet, untreated burlap and temporarily supported and protected from damage until permanently relocated and covered with backfill.
- (f) Accidentally broken roots should be sawed cleanly 3 inches behind ragged end.

#### **34.05 SECURITY:**

The Contractor shall be responsible for project security for materials, tools, equipment, supplies, and completed and partially completed Work.

#### **34.06 TEMPORARY CONTROLS:**

##### **A. Noise Control:**

- (1) Contractor acknowledges that adjacent facilities may remain in operation during all or a portion of the Work period, and it shall take all reasonable precautions to minimize noise as required by applicable laws and the Contract Documents.
- (2) Notice of proposed noisy operations, including without limitation, operation of pneumatic demolition tools, concrete saws, and other equipment, shall be submitted to the District a minimum of forty-eight (48) hours in advance of their performance.

B. Noise and Vibration:

- (1) Equipment and impact tools shall have intake and exhaust mufflers.
- (2) Contractor shall cooperate with District to minimize and/or cease the use of noisy and vibratory equipment if that equipment becomes objectionable by its longevity.

C. Dust and Dirt:

- (1) Contractor shall conduct demolition and construction operations to minimize the generation of dust and dirt, and prevent dust and dirt from interfering with the progress of the Work and from accumulating in the Work and adjacent areas including, without limitation, occupied facilities.
- (2) Contractor shall periodically water exterior demolition and construction areas to minimize the generation of dust and dirt.
- (3) Contractor shall ensure that all hauling equipment and trucks carrying loads of soil and debris shall have their loads sprayed with water or covered with tarpaulins, and as otherwise required by local and state ordinance.
- (4) Contractor shall prevent dust and dirt from accumulating on walks, roadways, parking areas, and planting, and from washing into sewer and storm drain lines.

D. Water:

- (1) Contractor shall not permit surface and subsurface water, and other liquids, to accumulate in or about the vicinity of the Premises. Should accumulation develop, Contractor shall control the water or other liquid, and suitably dispose of it by means of temporary pumps, piping, drainage lines, troughs, ditches, dams, or other methods.

E. Pollution:

- (1) No burning of refuse, debris, or other materials shall be permitted on or in the vicinity of the Premises.
- (2) Contractor shall comply with applicable regulatory requirements and anti-pollution ordinances during the conduct of the Work including, without limitation, demolition, construction, and disposal operations.

F. Lighting:

- (1) If portable lights are used after dark, all light must be located so as not to direct light into neighboring property.



**34.07 JOB SIGN(S):**

A. General:

- (1) Contractor shall provide and maintain a Project identification sign with the design, text, and colors designated by the District and/or the Design Professional; locate sign as approved by the District.
- (2) Signs other than the specified Project sign and or signs required by law, for safety, or for egress, shall not be permitted, unless otherwise approved in advance by the District.

B. Materials:

- (1) Structure and Framing: Structurally sound, new or used wood or metal; wood shall be nominal 3/4-inch exterior grade plywood.
- (2) Sign Surface: Minimum 3/4-inch exterior grade plywood.
- (3) Rough Hardware: Galvanized.
- (4) Paint: Exterior quality, of type and colors selected by the District and/or the Design Professional.

C. Fabrication:

- (1) Contractor shall fabricate to provide smooth, even surface for painting.
- (2) Size: 4'-0" x 8'-0", unless otherwise indicated.
- (3) Contractor shall paint exposed surfaces of supports, framing, and surface material with exterior grade paint: one coat of primer and one coat of finish paint.
- (4) Text and Graphics: As indicated.

**34.08 PUBLICITY RELEASES:**

- A. Contractor shall not release any information, story, photograph, plan, or drawing relating information about the Project to anyone, including press and other public communications medium, including, without limitation, on website(s) without the written permission of the District.

**PART 35 – PRODUCTS**

Not used.

**PART 36 – EXECUTION**

Not used.

END OF DOCUMENT

**CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL**

**PART 37 - GENERAL**

**37.01 RELATED DOCUMENTS AND PROVISIONS:**

All Contract Documents should be reviewed for applicable provisions related to the provisions in this document, including without limitation:

- A. General Conditions;
- B. Special Conditions; and
- C. Temporary Facilities and Controls.

**37.02 SECTION INCLUDES:**

- A. Administrative and procedural requirements for the following:
  - (1) Salvaging non-hazardous construction waste.
  - (2) Recycling non-hazardous construction waste.
  - (3) Disposing of non-hazardous construction waste.

**37.03 DEFINITIONS:**

- A. Construction Waste: Building and site improvement materials and other solid waste resulting from construction, remodeling, renovation, or repair operations. Construction waste includes packaging.
- B. Demolition Waste: Building and site improvement materials resulting from demolition or selective demolition operations.
- C. Disposal: Removal off-site of demolition and construction waste and subsequent sale, recycling, reuse, or deposit in landfill or incinerator acceptable to authorities having jurisdiction.
- D. Recycle: Recovery of demolition or construction waste for subsequent processing in preparation for reuse.
- E. Salvage: Recovery of demolition or construction waste and subsequent sale or reuse in another facility.
- F. Salvage and Reuse: Recovery of demolition or construction waste and subsequent incorporation into the Work.

### **37.04 PERFORMANCE REQUIREMENTS:**

- A. General: Develop waste management plan that results in end-of Project rates for salvage/recycling of sixty-five percent (65%) by weight (or by volume, but not a combination) of total waste generated by the Work.

### **37.05 SUBMITTALS:**

- A. Waste Management Plan: Submit waste management plan within 30 days of date established for commencement of the Work.
- B. Waste Reduction Progress Reports: Concurrent with each Application for Payment, submit copies of report. Include the following information:
  - (1) Material category.
  - (2) Generation point of waste.
  - (3) Total quantity of waste in tons or cubic yards.
  - (4) Quantity of waste salvaged, both estimated and actual in tons or cubic yards.
  - (5) Quantity of waste recycled, both estimated and actual in tons or cubic yards.
  - (6) Total quantity of waste recovered (salvaged plus recycled) in tons or cubic yards.
  - (7) Total quantity of waste recovered (salvaged plus recycled) as a percentage of total waste.
- C. Waste Reduction Calculations: Before request for final payment, submit copies of calculated end-of-Project rates for salvage, recycling, and disposal as a percentage of total waste generated by the Work.
- D. Records of Donations: Indicate receipt and acceptance of salvageable waste donated to individuals and organizations. Indicate whether organization is tax exempt.
- E. Records of Sales: Indicate receipt and acceptance of salvageable waste sold to individuals and organizations. Indicate whether organization is tax exempt.
- F. Recycling and Processing Facility Records: Indicate receipt and acceptance of recyclable waste by recycling and processing facilities licensed to accept them. Include manifests, weight tickets, receipts, and invoices.
- G. Landfill and Incinerator Disposal Records: Indicate receipt and acceptance of waste by landfills and incinerator facilities licensed to accept them. Include manifests, weight tickets, receipts, and invoices.

- H. Qualification Data: For Waste Management Coordinator.
- I. Statement of Refrigerant Recovery: Signed by refrigerant recovery technician responsible for recovering refrigerant, stating that all refrigerant that was present was recovered and that recovery was performed according to EPA regulations. Include name and address of technician and date refrigerant was recovered.
- J. Submittal procedures and quantities are specified in Document 01 33 00.

**37.06 QUALITY ASSURANCE:**

- A. Waste Management Coordinator Qualifications: LEED Accredited Professional by U.S. Green Building Council.
- B. Regulatory Requirements: Comply with hauling and disposal regulations of authorities having jurisdiction.
- C. Waste Management Conference: Conduct conference at Project site to comply with requirements. Review methods and procedures related to waste management including, but not limited to, the following:
  - (1) Review and discuss waste management plan including responsibilities of Waste Management Coordinator.
  - (2) Review requirements for documenting quantities of each type of waste and its disposition.
  - (3) Review and finalize procedures for materials separation and verify availability of containers and bins needed to avoid delays.
  - (4) Review procedures for periodic waste collection and transportation to recycling and disposal facilities.
  - (5) Review waste management requirements for each trade.

**37.07 WASTE MANAGEMENT PLAN:**

- A. General: Develop plan consisting of waste identification, waste reduction work plan, and cost/revenue analysis. Indicate quantities by weight or volume, but use same units of measurement throughout waste management plan.
- B. Waste Identification: Indicate anticipated types and quantities of site-clearing and construction waste generated by the Work. Include estimated quantities and assumptions for estimates.
- C. Waste Reduction Work Plan: List each type of waste and whether it will be salvaged, recycled, or disposed of in landfill or incinerator. Include points of waste generation, total quantity of each type of waste, quantity for each means of recovery, and handling and transportation procedures.

- (1) Salvaged Materials for Reuse: For materials that will be salvaged and reused in this Project, describe methods for preparing salvaged materials before incorporation into the Work.
- (2) Salvaged Materials for Sale: For materials that will be sold to individuals and organizations, include list of their names, addresses, and telephone numbers.
- (3) Salvaged Materials for Donation: For materials that will be donated to individuals and organizations, include list of their names, addresses, and telephone numbers.
- (4) Recycled Materials: Include list of local receivers and processors and type of recycled materials each will accept. Include names, addresses, and telephone numbers.
- (5) Disposed Materials: Indicate how and where materials will be disposed of. Include name, address, and telephone number of each landfill and incinerator facility.
- (6) Handling and Transportation Procedures: Include method that will be used for separating recyclable waste including sizes of containers, container labeling, and designated location on Project site where materials separation will be located.

**PART 38 - PRODUCTS Not Used.**

**PART 39 - EXECUTION**

**39.01 PLAN IMPLEMENTATION:**

- A. General: Implement approved waste management plan. Provide handling, containers, storage, signage, transportation, and other items as required to implement waste management plan during the entire duration of the Contract.
  - (1) Comply with Document 01 50 00 for operation, termination, and removal requirements.
- B. Waste Management Coordinator: Engage a waste management coordinator to be responsible for implementing, monitoring, and reporting status of waste management work plan. Coordinator shall be present at Project site full time for duration of Project.
- C. Training: Train workers, subcontractors, and suppliers on proper waste management procedures, as appropriate for the Work occurring at Project site.
  - (1) Distribute waste management plan to everyone concerned within 3 days of submittal return.

- (2) Distribute waste management plan to entities when they first begin work on site. Review plan procedures and locations established for salvage, recycling, and disposal.
- D. Site Access and Temporary Controls: Conduct waste management operations to ensure minimum interference with roads, streets, walks, walkways, and other adjacent occupied and used facilities.
  - (1) Designate and label specific areas of Project site necessary for separating materials that are to be salvaged, recycled, reused, donated, and sold.
  - (2) Comply with Document 01 50 00 for controlling dust and dirt, environmental protection, and noise control.

### **39.02 RECYCLING CONSTRUCTION WASTE:**

- A. General: Recycle paper and beverage containers used by on-site workers.
- B. Recycling Incentives: Revenues, savings, rebates, tax credits, and other incentives received for recycling waste materials shall accrue to the Contractor.
- C. Procedures: Separate recyclable waste from other waste materials, trash, and debris. Separate recyclable waste by type at Project site to the maximum extent practical.
  - (1) Provide appropriately marked containers or bins for controlling recyclable waste until they are removed from Project Site. Include list of acceptable and unacceptable materials at each container and bin.
    - (a) Inspect containers and bins for contamination and remove contaminated materials if found.
  - (2) Stockpile processed materials on site without intermixing with other materials. Place, grade, and shape stockpiles to drain surface water. Cover to prevent windblown dust.
  - (3) Stockpile materials away from construction area. Do not store within drip line of remaining trees.
  - (4) Store components off the ground and protect from the weather.
  - (5) Remove recyclable waste off District property and transport to recycling receiver or processor.
- D. Packaging:
  - (1) Cardboard and Boxes: Break down packaging into flat sheets. Bundle and store in a dry location.
  - (2) Polystyrene Packaging: Separate and bag material.

- (3) Pallets: As much as possible, require deliveries using pallets to remove pallets from Project Site. For pallets that remain on Site, break down pallets into component wood pieces and comply with requirements for recycling wood.
- (4) Crates: Break down crates into component wood pieces and comply with requirements for recycling wood.
- E. Site-Clearing Wastes: Chip brush, branches, and trees on site.
- F. Wood Materials:
  - (1) Clean Cut-Offs of Lumber: Grind or chip into small pieces.
  - (2) Clean Sawdust: Bag sawdust that does not contain painted or treated wood.
- G. Gypsum Board: Stack large clean pieces on wood pallets and store in a dry location.
  - (1) Clean Gypsum Board: Grind scraps of clean gypsum board using small mobile chipper or hammer mill. Screen out paper after grinding.

### **39.03 DISPOSAL OF WASTE:**

- A. General: Except for items or materials to be salvaged, recycled, or otherwise reused, remove waste materials from Project Site and legally dispose of them in a landfill or incinerator acceptable to authorities having jurisdiction.
  - (1) Except as otherwise specified, do not allow waste materials that are to be disposed of accumulate on site.
  - (2) Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.
- B. Burning: Do not burn waste materials.
- C. Disposal: Transport waste materials off District property and legally dispose of them.

END OF DOCUMENT

**OWNER-FURNISHED PRODUCTS**

**PART 43 – GENERAL**

**43.01 RELATED DOCUMENTS AND PROVISIONS**

All Contract Documents should be reviewed for applicable provisions related to the provisions in this document, including without limitation:

- A. General Conditions;
- B. Special Conditions; and
- C. Materials and Equipment.

**43.02 SECTION INCLUDES**

- A. Requirements for the following:
  - (1) Installing Owner-furnished materials and equipment.
  - (2) Providing necessary utilities, connections and rough-ins.

**43.03 DEFINITIONS**

- A. Owner: District, who is providing/furnishing materials and equipment.
- B. Installing Contactor: Contractor, who is installing the materials and equipment furnished by the Owner.

**43.04 PRODUCT DELIVERY, STORAGE, AND HANDLING**

- A. Receive, store and handle products in accordance with the manufacturer's instructions.
- B. Protect equipment items as required to prevent damage during storage and construction.

**PART 44 – PRODUCTS**

**44.01 GENERAL PRODUCT REQUIREMENTS**

- A. Installing Contractor's Responsibilities:
  - (1) Verify mounting and utility requirements for Owner-furnished materials and equipment items.
  - (2) Provide mounting and utility rough in for all items where required.



- (a) Rough in locations, sizes, capacities, and similar type items shall be as indicated and required by product manufacturer.
- B. Owner and Installing Contractor(s) Responsibilities:
- (1) Owner-Furnished/Contractor Installed ("OFCI"): Furnished by the Owner; installed by the Installing Contractor.
    - (a) General: Owner and Installing Contractor(s) will coordinate deliveries of materials and equipment to coincide with the construction schedule.
    - (b) Owner will furnish specified materials. Contractor is responsible for retrieving, loading, shipping, off-loading, handling, staging, installing, etc. of the OFCI equipment from the District Warehouse (1201 Citation Way, Bakersfield, CA).
    - (c) The Owner furnishing specified materials and equipment is responsible to provide manufacturer guarantees as required by the Contract to the Installing Contractor.
    - (d) The Installing Contractor shall:
      - 1) Review, verify and accept the approved manufacturer's submittal/Shop Drawings for all materials and equipment required to be installed by the Installer Contractor and furnished by the Owner. Any discrepancies, including but not limited to possible space conflicts, should be brought to the attention of the Project Manager and/or Program Manager, if applicable.
      - 2) Coordinate timely delivery. Installing Contractor shall receive materials and equipment at Site when delivered and give written receipt at time of delivery, noting visible defects or omissions; if such declaration is not given, the Installing Contractor shall assume responsibility for such defects and omissions.
      - 3) Store materials and equipment until ready for installation and protect from loss and damage. Installing Contractor is responsible for providing adequate storage space.
      - 4) Coordinate with other bid package contractors and field measurement to ensure complete installation.
      - 5) Uncrate, assemble, and set in place.
      - 6) Provide adequate supports.
      - 7) Install materials and equipment in accordance with manufacturer's recommendations, instructions, and

Shop Drawings, supply labor and material required, and make mechanical, plumbing, and electrical connections required to operate equipment.

- 8) Be certified by equipment manufacturer for installation of the specific equipment supplied by the Owner.
- 9) Provide anchorage and/or bracing as required for seismic restraint per Title 24, UBC Standard 27-11 and all other applicable codes.
- 10) Provide the contract-required warranty and guarantee for all work, materials and equipment, and installation upon its completion and acceptance by the District. Guarantee includes all costs associated with the removal, shipping to and from the Site, and re-installation of any equipment found to be defective.

C. Compatibility with Space and Service Requirements:

- (1) Equipment items shall be compatible with space limitations indicated and as shown on the Contract Documents and specified in other sections of the Specifications.
- (2) Modifications to equipment items required to conform to space limitations specified for rough in shall not cause additional cost to the District.

D. Manufacturer's printed descriptions, specifications, and instructions shall govern the Work unless specifically indicated or specified otherwise.

#### **44.02 FURNISHED MATERIALS AND EQUIPMENT**

- A. All furnished materials and equipment are indicated or scheduled on the Contract Documents.

#### **PART 45 – EXECUTION**

A. **Owner furnished products:**

- (1) Items indicated on documents.
- (2) **Owner-Furnished-Contractor Installed (OFCI) Items.**
  - (a) The District has purchased the following Mechanical Equipment and has been delivered to the District Warehouse (1201 Citation Way, Bakersfield, CA). The #FES-03 – Mechanical Bid Package shall be responsible for delivering to the site and installing (coordinate with all Bid Packages). Reference the attached District Purchase Order/ Sigler Proposal and Thermostats.

- 1) HVAC Equipment (Rooftop Units, Exhaust Fans, and Curbs)
- 2) Thermostats (Brand: Pelican)

#### **45.02 INSTALLATION**

- A. Install equipment items in accordance with the manufacturer's instructions.
- B. Set equipment items securely in place, rigidly or flexibly mounted in accordance with manufacturers' directions.
- C. Make electrical and mechanical connections as indicated and required.
- D. Touch-up and restore damaged or defaced finishes to the Owner's satisfaction.

#### **45.03 CLEANING AND PROTECTION**

- A. Repair or replace items not acceptable to the Architect or Owner.
- B. Upon completion of installation, clean equipment items in accordance with manufacturer's recommendations, and protect from damage until final acceptance of the Work by the Owner.

END OF DOCUMENT

SECTION 01 66 00

**PRODUCT DELIVERY, STORAGE AND HANDLING**

**PART 46 - GENERAL**

**46.01 RELATED DOCUMENTS AND PROVISIONS**

All Contract Documents should be reviewed for applicable provisions related to the provisions in this document, including without limitation:

- A. General Conditions, including, without limitation, Site Access, Conditions and Requirements;
- B. Special Conditions.

**46.02 PRODUCTS**

- A. Products are as defined in the General Conditions.
- B. Contractor shall not use and/or reuse materials and/or equipment removed from existing Premises, except as specifically permitted by the Contract Documents.
- C. Contractor shall provide interchangeable components of the same manufacturer, for similar components.

**46.03 TRANSPORTATION AND HANDLING**

- A. Contractor shall transport and handle Products in accordance with manufacturer's instructions.
- B. Contractor shall promptly inspect shipments to confirm that Products comply with requirements, quantities are correct, and products are undamaged.
- C. Contractor shall provide equipment and personnel to handle Products by methods to prevent soiling, disfigurement, or damage.

**46.04 STORAGE AND PROTECTION**

- A. Contractor shall store and protect Products in accordance with manufacturer's instructions, with seals and labels intact and legible. Contractor shall store sensitive products in weather-tight, climate controlled enclosures.
- B. For exterior storage of fabricated Products, Contractor shall place on sloped supports, above ground.
- C. Contractor shall provide off-site storage and protection when Site does not permit on-site storage or protection.

- D. Contractor shall cover products subject to deterioration with impervious sheet covering and provide ventilation to avoid condensation.
- E. Contractor shall store loose granular materials on solid flat surfaces in a well-drained area and prevent mixing with foreign matter.
- F. Contractor shall provide equipment and personnel to store Products by methods to prevent soiling, disfigurement, or damage.
- G. Contractor shall arrange storage of Products to permit access for inspection and periodically inspect to assure Products are undamaged and are maintained under specified conditions.

**PART 47 – PRODUCTS Not Used.**

**PART 48 - EXECUTION Not Used.**

END OF DOCUMENT

**FIELD ENGINEERING**

**PART 49 - GENERAL**

**49.01 RELATED DOCUMENTS AND PROVISIONS:**

All Contract Documents should be reviewed for applicable provisions related to the provisions in this document, including without limitation:

- A. General Conditions, including, without limitation, Site Investigation, and Soils Investigation Report;
- B. Special Conditions;
- C. Site-Visit Certification.

**49.02 REQUIREMENTS INCLUDED:**

- A. Contractor shall provide and pay for field engineering services by a California-registered engineer, required for the project, including, without limitations:
  - (1) Survey work required in execution of the Project.
  - (2) Civil or other professional engineering services specified, or required to execute Contractor's construction methods.

**49.03 QUALIFICATIONS OF SURVEYOR OR ENGINEERS:**

Contractor shall only use a qualified licensed engineer or registered land surveyor, to whom District makes no objection.

**49.04 SURVEY REFERENCE POINTS:**

- A. Existing basic horizontal and vertical control points for the Project are those designated on the Drawings.
- B. Contractor shall locate and protect control points prior to starting Site Work and preserve all permanent reference points during construction. In addition Contractor shall:
  - (1) Make no changes or relocation without prior written notice to District and Architect.
  - (2) Report to District and Architect when any reference point is lost or destroyed, or requires relocation because of necessary changes in grades or locations.
  - (3) Require surveyor to replace Project control points based on original survey control that may be lost or destroyed.

#### **49.05 RECORDS:**

Contractor shall maintain a complete, accurate log of all control and survey work as it progresses.

#### **49.06 SUBMITTALS:**

- A. Contractor shall submit name and address of Surveyor and Professional Engineer to District and Architect prior to its/their work on the Project.
- B. On request of District and Architect, Contractor shall submit documentation to verify accuracy of field engineering work, at no additional cost to the District.
- C. Contractor shall submit a certificate signed by registered engineer or surveyor certifying that elevations and locations of improvements are in conformance or nonconformance with Contract Documents.

#### **PART 50 – PRODUCTS Not Used.**

#### **PART 51 - EXECUTION**

##### **51.01 COMPLIANCE WITH LAWS:**

Contractor is responsible for meeting all applicable codes, OSHA, safety and shoring requirements.

##### **51.02 NONCONFORMING WORK:**

Contractor is responsible for any re-surveying required by correction of nonconforming work.

END OF DOCUMENT

**CUTTING AND PATCHING**

**PART 52 – GENERAL**

**52.01 RELATED DOCUMENTS AND PROVISIONS:**

All Contract Documents should be reviewed for applicable provisions related to the provisions in this document, including without limitation:

- A. General Conditions, including, without limitation, Inspector, Inspections, and Tests, Integration of Work, Nonconforming Work, and Correction of Work, and Uncovering Work;
- B. Special Conditions;
- C. Hazardous Materials Procedures and Requirements;
- D. Hazardous Materials Certification;
- E. Lead-Based Paint Certification;
- F. Imported Materials Certification.

**52.02 CUTTING AND PATCHING:**

- A. Contractor shall be responsible for all cutting, fitting, and patching, including associated excavation and backfill, required to complete the Work or to:
  - (1) Make several parts fit together properly.
  - (2) Uncover portions of Work to provide for installation of ill-timed Work.
  - (3) Remove and replace defective Work.
  - (4) Remove and replace Work not conforming to requirements of Contract Documents.
  - (5) Remove Samples of installed Work as specified for testing.
  - (6) Provide routine penetrations of non-structural surfaces for installation of piping and electrical conduit.
  - (7) Attaching new materials to existing remodeling areas – including painting (or other finishes) to match existing conditions.
- B. In addition to Contract requirements, upon written instructions from the District, Contractor shall uncover Work to provide for observations of covered Work in accordance with the Contract Documents; remove samples of



installed materials for testing as directed by District; and remove Work to provide for alteration of existing Work.

- C. Contractor shall not cut or alter Work, or any part of it, in such a way that endangers or compromises the integrity of the Work, the Project, or work of others.

**52.03 SUBMITTALS:**

- A. Prior to any cutting or alterations that may affect the structural safety of Project, or work of others, and well in advance of executing such cutting or alterations, Contractor shall submit written notice to District pursuant to the applicable notice provisions of the Contract Documents, requesting consent to proceed with the cutting or alteration, including the following:
  - (1) The work of the District or other trades.
  - (2) Structural value or integrity of any element of Project.
  - (3) Integrity or effectiveness of weather-exposed or weather-resistant elements or systems.
  - (4) Efficiency, operational life, maintenance or safety of operational elements.
  - (5) Visual qualities of sight-exposed elements.
- B. Contractor's Request shall also include:
  - (1) Identification of Project.
  - (2) Description of affected Work.
  - (3) Necessity for cutting, alteration, or excavations.
  - (4) Effects of Work on District, other trades, or structural or weatherproof integrity of Project.
  - (5) Description of proposed Work:
    - (a) Scope of cutting, patching, alteration, or excavation.
    - (b) Trades that will execute Work.
    - (c) Products proposed to be used.
    - (d) Extent of refinishing to be done.
  - (6) Alternates to cutting and patching.
  - (7) Cost proposal, when applicable.

- (8) The scheduled date the Contractor intends to perform the Work and the duration of time to complete the Work.
- (9) Written permission of District or other District contractor(s) whose work will be affected.

**52.04 QUALITY ASSURANCE:**

- A. Contractor shall ensure that cutting, fitting, and patching shall achieve security, strength, weather protection, appearance for aesthetic match, efficiency, operational life, maintenance, safety of operational elements, and the continuity of existing fire ratings.
- B. Contractor shall ensure that cutting, fitting, and patching shall successfully duplicate undisturbed adjacent profiles, materials, textures, finishes, colors, and that materials shall match existing construction. Where there is dispute as to whether duplication is successful or has been achieved to a reasonable degree, the District's decision shall be final.

**52.05 PAYMENT FOR COSTS:**

- A. Cost caused by ill-timed or defective Work or Work not conforming to Contract Documents, including costs for additional services of the District, its consultants, including but not limited to the Construction Manager, the Architect, the Project Inspector(s), Engineers, and Agents, will be paid by Contractor and/or deducted from the Contract by the District.
- B. District shall only pay for cost of Work if it is part of the original Contract Price or if a change has been made to the contract in compliance with the provisions of the General Conditions. Cost of Work performed upon instructions from the District, other than defective or nonconforming Work, will be paid by District on approval of written Change Order. Contractor shall provide written cost proposals prior to proceeding with cutting and patching.

**PART 53 - PRODUCTS**

**53.01 MATERIALS:**

- A. Contractor shall provide for replacement and restoration of Work removed. Contractor shall comply with the Contract Documents and with the Industry Standard(s), for the type of Work, and the Specification requirements for each specific product involved. If not specified, Contractor shall first recommend a product of a manufacturer or appropriate trade association for approval by the District.
- B. Materials to be cut and patched include those damaged by the performance of the Work.

## **PART 54 – EXECUTION**

### **54.01 INSPECTION:**

- A. Contractor shall inspect existing conditions of the Site and the Work, including elements subject to movement or damage during cutting and patching, excavating and backfilling. After uncovering Work, Contractor shall inspect conditions affecting installation of new products.
- B. Contractor shall report unsatisfactory or questionable conditions in writing to District as indicated in the General Conditions and shall proceed with Work as indicated in the General Conditions by District.

### **54.02 PREPARATION:**

- A. Contractor shall provide shoring, bracing and supports as required to maintain structural integrity for all portions of the Project, including all requirements of the Project.
- B. Contractor shall provide devices and methods to protect other portions of Project from damage.
- C. Contractor shall, provide all necessary protection from weather and extremes of temperature and humidity for the Project, including without limitation, any work that may be exposed by cutting and patching Work. Contractor shall keep excavations free from water.

### **54.03 ERECTION, INSTALLATION AND APPLICATION:**

- A. With respect to performance, Contractor shall:
  - (1) Execute fitting and adjustment of products to provide finished installation to comply with and match specified tolerances and finishes.
  - (2) Execute cutting and demolition by methods that will prevent damage to other Work, and provide proper surfaces to receive installation of repairs and new Work.
  - (3) Execute cutting, demolition excavating, and backfilling by methods that will prevent damage to other Work and damage from settlement.
- B. Contractor shall employ original installer or fabricator to perform cutting and patching for:
  - (1) Weather-exposed surfaces and moisture-resistant elements such as roofing, sheet metal, sealants, waterproofing, and other trades.
  - (2) Sight-exposed finished surfaces.
- C. Contractor shall execute fitting and adjustment of products to provide a finished installation to comply with specified products, functions, tolerances,

and finishes as shown or specified in the Contract Documents including, without limitation, the Drawings and Specifications.

- D. Contractor shall fit Work airtight to pipes, sleeves, ducts, conduit, and other penetrations through surfaces. Contractor shall conform to all Code requirements for penetrations or the Drawings and Specifications, whichever calls for a higher quality or more thorough requirement. Contractor shall maintain integrity of both rated and non-rated fire walls, ceilings, floors, etc.
- E. Contractor shall restore Work which has been cut or removed. Contractor shall install new products to provide completed Work in accordance with requirements of the Contract Documents and as required to match surrounding areas and surfaces.
- F. Contractor shall refinish all continuous surfaces to nearest intersection as necessary to match the existing finish to any new finish.

END OF DOCUMENT

**ALTERATION PROJECT PROCEDURES**

**PART 55 – GENERAL**

**55.01 RELATED DOCUMENTS AND PROVISIONS:**

All Contract Documents should be reviewed for applicable provisions related to the provisions in this document, including without limitation:

- A. General Conditions, including, without limitation, Integration of Work, Purchase of Materials and Equipment, Uncovering of Work and Non-conforming Work and Correction of Work and Trenches;
- B. Special Conditions.

**PART 56 - PRODUCTS**

**56.01 PRODUCTS FOR PATCHING AND EXTENDING WORK:**

- A. New Materials: As specified in the Contract Documents including, without limitation, in the Specifications, Contractor shall match existing products, conditions, and work for patching and extending work.
- B. Type and Quality of Existing Products: Contractor shall determine by inspection, by testing products where necessary, by referring to existing conditions and to the Work as a standard.

**PART 57 - EXECUTION**

**57.01 EXAMINATION:**

- A. Contractor shall verify that demolition is complete and that areas are ready for installation of new Work.
- B. By beginning restoration Work, Contractor acknowledges and accepts the existing conditions.

**57.02 PREPARATION:**

- A. Contractor shall cut, move, or remove items as necessary for access to alterations and renovation Work. Contractor shall replace and restore these at completion.
- B. Contractor shall remove unsuitable material not as salvage unless otherwise indicated in the Contract Documents. Unsuitable material may include, without limitation, rotted wood, corroded metals, and deteriorated masonry and concrete. Contractor shall replace materials as specified for finished Work.

- C. Contractor shall remove debris and abandoned items from all areas of the Site and from concealed spaces.
- D. Contractor shall prepare surface and remove surface finishes to provide for proper installation of new Work and finishes.
- E. Contractor shall close openings in exterior surfaces to protect existing work from weather and extremes of temperature and humidity. Contractor shall insulate ductwork and piping to prevent condensation in exposed areas. Contractor shall insulate building cavities for thermal and/or acoustical protection, as detailed.

#### **57.03 INSTALLATION:**

- A. Contractor shall coordinate Work of all alternations and renovations to expedite completion and to accommodate District occupancy.
- B. Designated Areas and Finishes: Contractor shall complete all installations in all respects, including operational, mechanical work and electrical work.
- C. Contractor shall remove, cut, and patch Work in a manner to minimize damage and to provide a means of restoring Products and finishes to original or specified condition.
- D. Contractor shall refinish visible existing surfaces to remain in renovated rooms and spaces, to specified condition for each material, with a neat and square or straight transition to adjacent finishes.
- E. Contractor shall install products as specified in the Contract Documents, including without limitation, the Specifications.

#### **57.04 TRANSITIONS:**

- A. Where new Work abuts or aligns with existing, Contractor shall perform a smooth and even transition. Patched Work must match existing adjacent work in texture and appearance.
- B. When finished surfaces are cut so that a smooth transition with new Work is not possible, Contractor shall terminate existing surface along a straight line at a natural line of division and make a recommendation for resolution to the District and the Architect for review and approval.

#### **57.05 ADJUSTMENTS:**

- A. Where removal of partitions or walls results in adjacent spaces becoming one, Contractor shall rework floors, walls, and ceilings to a smooth plane without breaks, steps, or bulkheads.
- B. Where a change of plane of 1/4 inch or more occurs, Contractor shall submit a recommendation for providing a smooth transition to the District and the Architect for review and approval.

- C. Contractor shall trim and seal existing wood doors and shall trim and paint metal doors as necessary to clear new floor finish and refinish trim as required.
- D. Contractor shall fit Work at penetrations of surfaces.

**57.06 REPAIR OF DAMAGED SURFACES:**

- A. Contractor shall patch or replace portions of existing surfaces, which are damaged, lifted, discolored, or showing other imperfections, in the area where the Work is performed.
- B. Contractor shall repair substrate prior to patching finish.

**57.07 CULTIVATED AREAS AND OTHER SURFACE IMPROVEMENTS:**

- A. Cultivated or planted areas and other surface improvements which are damaged by actions of the Contractor shall be restored by Contractor to their original condition or better, where indicated.
- B. Contractor shall protect and replace, if damaged, all existing guard posts, barricades, and fences.
- C. Contractor shall give special attention to avoid damaging or killing trees, bushes and/or shrubs on the Premises and/or identified in the Contract Documents, including without limitation, the Drawings.

**57.08 FINISHES:**

- A. Contractor shall finish surfaces as specified in the Contract Documents, including without limitations, the provisions of all Divisions of the Specifications.
- B. Contractor shall finish patches to produce uniform finish and texture over entire area. When finish cannot be matched, Contractor shall refinish entire surface to nearest intersections.

**57.09 CLEANING:**

- A. Contractor shall continually clean the Site and the Premises as indicated in the Contract Documents, including without limitation, the provisions in the General Conditions and the Specifications regarding cleaning.

END OF DOCUMENT

**CONTRACT CLOSEOUT AND FINAL CLEANING**

**PART 58 - GENERAL**

**58.01 RELATED DOCUMENTS AND PROVISIONS**

All Contract Documents should be reviewed for applicable provisions related to the provisions in this document, including without limitation:

- A. General Conditions, including, without limitation, Completion of Work;
- B. Special Conditions;
- C. Temporary Facilities and Controls.

**58.02 CLOSEOUT PROCEDURES**

Contractor shall comply with all closeout provisions as indicated in the General Conditions.

**58.03 FINAL CLEANING**

- A. Contractor shall execute final cleaning prior to final inspection.
- B. Contractor shall clean interior and exterior glass and all surfaces exposed to view; remove temporary labels, tape, stains, and foreign substances, polish transparent and glossy surfaces, wax and polish new vinyl floor surfaces, vacuum carpeted and soft surfaces.
- C. Contractor shall clean equipment and fixtures to a sanitary condition.
- D. Contractor shall replace filters of operating equipment.
- E. Contractor shall clean debris from roofs, gutters, down spouts, and drainage systems.
- F. Contractor shall clean Site, sweep paved areas, and rake clean landscaped surfaces.
- G. Contractor shall remove waste and surplus materials, rubbish, and construction facilities from the Site and surrounding areas.

**58.04 ADJUSTING**

Contractor shall adjust operating products and equipment to ensure smooth and unhindered operation.



## **58.05 RECORD DOCUMENTS AND SHOP DRAWINGS**

- A. Contractor shall legibly mark each item to record actual construction, including:
  - (1) Measured depths of foundation in relation to finish floor datum.
  - (2) Measured horizontal and vertical locations of underground utilities and appurtenances, referenced to permit surface improvements.
  - (3) Measured locations of internal utilities and appurtenances concealed in construction, referenced to visible and accessible features of the Work.
  - (4) Field changes of dimension and detail.
  - (5) Details not on original Contract Drawings
  - (6) Changes made by modification(s).
  - (7) References to related Shop Drawings and modifications.
- B. Contractor will provide one set of Record Drawings to District.
- C. Contractor shall submit all required documents to District and/or Architect prior to or with its final Application for Payment.

## **58.06 INSTRUCTION OF DISTRICT PERSONNEL**

- A. Before final inspection, at agreed upon times, Contractor shall instruct District's designated personnel in operation, adjustment, and maintenance of products, equipment, and systems.
- B. For equipment requiring seasonal operation, Contractor shall perform instructions for other seasons within six months or by the change of season.
- C. Contractor shall use operation and maintenance manuals as basis for instruction. Contractor shall review contents of manual with personnel in detail to explain all aspects of operation and maintenance.
- D. Contractor shall prepare and insert additional data in Operation and Maintenance Manual when the need for such data becomes apparent during instruction.
- E. Contractor shall review contents of manual with personnel in detail to explain all aspects of operation and maintenance.

## **58.07 SPARE PARTS AND MAINTENANCE MATERIALS**

- A. Contractor shall provide products, spare parts, maintenance, and extra materials in quantities specified in the Specifications and in Manufacturer's recommendations.

- B. Contractor shall provide District with all required Operation and Maintenance Data at one time. Partial or piecemeal submissions of Operation and Maintenance Data will not be accepted.

**PART 59 – PRODUCTS Not Used.**

**PART 60 – EXECUTION Not Used.**

END OF DOCUMENT

**OPERATION AND MAINTENANCE DATA**

**PART 61 – GENERAL**

**61.01 RELATED DOCUMENTS AND PROVISIONS:**

All Contract Documents should be reviewed for applicable provisions related to the provisions in this document, including without limitation:

- A. General Conditions, including, without limitation, Completion of the Work;
- B. Special Conditions.

**61.02 QUALITY ASSURANCE:**

Contractor shall prepare instructions and data by personnel experienced in maintenance and operation of described products.

**61.03 FORMAT:**

- A. Contractor shall prepare data in the form of an instructional manual entitled "OPERATIONS AND MAINTENANCE MANUAL & INSTRUCTIONS" ("Manual").
- B. Binders: Contractor shall use commercial quality, 8-1/2 by 11 inch, three-side rings, with durable plastic covers; two inch maximum ring size. When multiple binders are used, Contractor shall correlate data into related consistent groupings.
- C. Cover: Contractor shall identify each binder with typed or printed title "OPERATION AND MAINTENANCE MANUAL & INSTRUCTIONS"; and shall list title of Project and identify subject matter of contents.
- D. Contractor shall arrange content by systems process flow under section numbers and sequence of Table of Contents of the Contract Documents.
- E. Contractor shall provide tabbed fly leaf for each separate product and system, with typed description of product and major component parts of equipment.
- F. Text: The content shall include Manufacturer's printed data, or typewritten data on 24 pound paper.
- G. Drawings: Contractor shall provide with reinforced punched binder tab and shall bind in with text; folding larger drawings to size of text pages.

**61.04 CONTENTS, EACH VOLUME:**

- A. Table of Contents: Contractor shall provide title of Project; names, addresses, and telephone numbers of the Architect, any engineers, subconsultants,

Subcontractor(s), and Contractor with name of responsible parties; and schedule of products and systems, indexed to content of the volume.

- B. For Each Product or System: Contractor shall list names, addresses, and telephone numbers of Subcontractor(s) and suppliers, including local source of supplies and replacement parts.
- C. Product Data: Contractor shall mark each sheet to clearly identify specific products and component parts, and data applicable to installation. Delete inapplicable information.
- D. Drawings: Contractor shall supplement product data to illustrate relations of component parts of equipment and systems, to show control and flow diagrams. Contractor shall not use Project Record Documents as maintenance drawings.
- E. Text: Contractor shall include any and all information as required to supplement product data. Contractor shall provide logical sequence of instructions for each procedure, incorporating manufacturer's instructions.
- F. Warranties and Bonds: Contractor shall bind in one copy of each.

#### **61.05 MANUAL FOR MATERIALS AND FINISHES:**

- A. Building Products, Applied Materials, and Finishes: Contractor shall include product data, with catalog number, size, composition, and color and texture designations. Contractor shall provide information for re-ordering custom manufactured products.
- B. Instructions for Care and Maintenance: Contractor shall include Manufacturer's recommendations for cleaning agents and methods, precautions against detrimental agents and methods, and recommended schedule for cleaning and maintenance.
- C. Moisture Protection and Weather Exposed Products: Contractor shall include product data listing applicable reference standards, chemical composition, and details of installation. Contractor shall provide recommendations for inspections, maintenance, and repair.
- D. Additional Requirements: Contractor shall include all additional requirements as specified in the Specifications.
- E. Contractor shall provide a listing in Table of Contents for design data, with tabbed fly sheet and space for insertion of data.

#### **61.06 MANUAL FOR EQUIPMENT AND SYSTEMS:**

- A. Each Item of Equipment and Each System: Contractor shall include description of unit or system, and component parts and identify function, normal operating characteristics, and limiting conditions. Contractor shall include performance curves, with engineering data and tests, and complete nomenclature, and commercial number of replaceable parts.

- B. Panelboard Circuit Directories: Contractor shall provide electrical service characteristics, controls, and communications.
- C. Contractor shall include color coded wiring diagrams as installed.
- D. Operating Procedures: Contractor shall include start-up, break-in, and routine normal operating instructions and sequences. Contractor shall include regulation, control, stopping, shut-down, and emergency instructions. Contractor shall include summer, winter, and any special operating instructions.
- E. Maintenance Requirements: Contractor shall include routine procedures and guide for trouble-shooting; disassembly, repair, and reassembly instructions; and alignment, adjusting, balancing, and checking instructions.
- F. Contractor shall provide servicing and lubrication schedule, and list of lubricants required.
- G. Contractor shall include manufacturer's printed operation and maintenance instructions.
- H. Contractor shall include sequence of operation by controls manufacturer.
- I. Contractor shall provide original manufacturer's parts list, illustrations, assembly drawings, and diagrams required for maintenance.
- J. Contractor shall provide control diagrams by controls manufacturer as installed.
- K. Contractor shall provide Contractor's coordination drawings, with color coded piping diagrams as installed.
- L. Contractor shall provide charts of valve tag numbers, with location and function of each valve, keyed to flow and control diagrams.
- M. Contractor shall provide list of original manufacturer's spare parts, current prices, and recommended quantities to be maintained in storage.
- N. Additional Requirements: Contractor shall include all additional requirements as specified in Specification(s).
- O. Contractor shall provide a listing in Table of Contents for design data, with tabbed fly sheet and space for insertion of data.

**61.07 SUBMITTAL:**

- A. Contractor shall submit to the District for review two (2) copies of preliminary draft or proposed formats and outlines of the contents of the Manual within thirty (30) days of Contractor's start of Work.
- B. For equipment, or component parts of equipment put into service during construction and to be operated by District, Contractor shall submit draft

content for that portion of the Manual within ten (10) days after acceptance of that equipment or component.

- C. Contractor shall submit two (2) copies of a complete Manual in final form prior to final Application for Payment. Copy will be returned with Architect/Engineer comments. Contractor must revise the content of the Manual as required by District prior to District's approval of Contractor's final Application for Payment.
- D. Contractor must submit two (2) copies of revised Manual in final form within ten (10) days after final inspection.

**PART 62 – PRODUCTS Not Used.**

**PART 63 – EXECUTION Not Used.**

END OF DOCUMENT

**WARRANTIES**

**PART 64 - GENERAL**

**64.01 RELATED DOCUMENTS AND PROVISIONS**

All Contract Documents should be reviewed for applicable provisions related to the provisions in this document, including without limitation:

- A. General Conditions, including, without limitation, Warranty/Guarantee Information;
- B. Special Conditions.

**64.02 FORMAT**

- A. Binders: Contractor shall use commercial quality, 8-1/2 by 11 inch, three-side rings, with durable plastic covers; two inch maximum ring size.
- B. Cover: Contractor shall identify each binder with typed or printed title "WARRANTIES" and shall list title of Project.
- C. Table of Contents: Contractor shall provide title of Project; name, address, and telephone number of Contractor and equipment supplier; and name of responsible principal. Contractor shall identify each item with the number and title of the specific Specification, document, provision, or section in which the name of the product or work item is specified.
- D. Contractor shall separate each warranty with index tab sheets keyed to the Table of Contents listing, providing full information and using separate typed sheets as necessary. Contractor shall list each applicable and/or responsible Subcontractor(s), supplier(s), and/or manufacturer(s), with name, address, and telephone number of each responsible principal(s).

**64.03 PREPARATION:**

- A. Contractor shall obtain warranties, executed in duplicate by each applicable and/or responsible subcontractor(s), supplier(s), and manufacturer(s), within ten (10) days after completion of the applicable item or work. Except for items put into use with District's permission, Contractor shall leave date of beginning of time of warranty blank until the date of completion is determined.
- B. Contractor shall verify that documents are in proper form, contain full information, and are notarized, when required.
- C. Contractor shall co-execute submittals when required.
- D. Contractor shall retain warranties until time specified for submittal.

**64.04 TIME OF SUBMITTALS:**

- A. For equipment or component parts of equipment put into service during construction with District's permission, Contractor shall submit a draft warranty for that equipment or component within ten (10) days after acceptance of that equipment or component.
- B. Contractor shall submit for District approval all warranties and related documents within ten (10) days after date of completion. Contractor must revise the warranties as required by the District prior to District's approval of Contractor's final Application for Payment.
- C. For items of work delayed beyond date of completion, Contractor shall provide an updated submittal within ten (10) days after acceptance, listing the date of acceptance as start of warranty period.

**PART 65 - PRODUCTS Not Used.**

**PART 66 – EXECUTION Not Used.**

END OF DOCUMENT



**RECORD DOCUMENTS**

**PART 67 - GENERAL**

**67.01 RELATED DOCUMENTS AND PROVISIONS:**

All Contract Documents should be reviewed for applicable provisions related to the provisions in this document, including without limitation:

- A. General Conditions, including, without limitation, Documents on Work;
- B. Special Conditions.

**PART 68 - RECORD DRAWINGS**

**68.01 GENERAL:**

- A. As indicated in the Contract Documents, the District will provide Contractor with one set of reproducible, full size original Contract Drawings (mylars).
- B. Contractor shall maintain at each Project Site one set of marked-up plans and shall transfer all changes and information to those marked-up plans, as often as required in the Contract Documents, but in no case less than once each month. Contractor shall submit to the Project Inspector one set of reproducible vellums of the Project Record Drawings ("As-Builts") showing all changes incorporated into the Work since the preceding monthly submittal. The As-Builts shall be available at the Project Site. The Contractor shall submit reproducible vellums at the conclusion of the Project following review of the blueline prints.
- C. Label and date each Record Drawing "RECORD DOCUMENT" in legibly printed letters.
- D. All deviations in construction, including but not limited to pipe and conduit locations and deviations caused by without limitation Change Orders, Construction Claim Directives, RFI's, and Addenda, shall be accurately and legibly recorded by Contractor.
- E. Locations and changes shall be done by Contractor in a neat and legible manner and, where applicable, indicated by drawing a "cloud" around the changed or additional information.

**68.02 RECORD DRAWING INFORMATION:**

- A. Contractor shall record the following information:
  - (1) Locations of Work buried under or outside each building, including, without limitation, all utilities, plumbing and electrical lines, and conduits.

- (2) Actual numbering of each electrical circuit to match panel schedule.
- (3) Locations of significant Work concealed inside each building whose general locations are changed from those shown on the Contract Drawings.
- (4) Locations of all items, not necessarily concealed, which vary from the Contract Documents.
- (5) Installed location of all cathodic protection anodes.
- (6) Deviations from the sizes, locations, and other features of installations shown in the Contract Documents.
- (7) Locations of underground work, points of connection with existing utilities, changes in direction, valves, manholes, catch basins, capped stubouts, invert elevations, etc.
- (8) Sufficient information to locate Work concealed in each building with reasonable ease and accuracy.

In some instances, this information may be recorded by dimension. In other instances, it may be recorded in relation to the spaces in the building near which it was installed.

- B. Contractor shall provide additional drawings as necessary for clarification.
- C. Contractor shall provide reproducible record drawings, made from final Shop Drawings marked "No Exceptions Taken" or "Approved as Noted."
- D. After review and approval of the marked-up specifications by the Project Inspector, Contractor shall provide electronic copies of the drawings (in PDF format) with one file with all of the sheets and one set of individual sheet files at the conclusion of the Project.

## **PART 69 - RECORD SPECIFICATIONS**

### **69.01 GENERAL:**

- A. Contractor shall mark each section legibly to record manufacturer, trade name, catalog number, and supplier of each Product and item of equipment actually installed.
- B. After review and approval of the marked-up specifications by the Project Inspector, Contractor shall provide one electronic copy of the specifications (in PDF format) at the conclusion of the Project.

## **PART 70 - MAINTENANCE OF RECORD DOCUMENTS**

### **70.01 GENERAL**

- A. Contractor shall store Record Documents apart from documents used for construction as follows:
  - (1) Provide files and racks for storage of Record Documents.
  - (2) Maintain Record Documents in a clean, dry, legible condition and in good order.
- B. Contractor shall not use Record Documents for construction purposes.

### **PART 71 – PRODUCTS Not Used.**

END OF DOCUMENT

**COMMISSIONING**

**PART 2 – GENERAL**

**PART 3 RELATED DOCUMENTS AND PROVISIONS:**

All Contract Documents should be reviewed for applicable provisions related to the provisions in this document, including without limitation:

**PART 4** General Conditions, including, without limitation, Contractor's Submittals and Schedules, Drawings and Specifications;

**PART 5** Special Conditions.

**PART 6** Submittal Procedures: Procedures for submittal of product data and quality assurance submittals.

**PART 7** Closeout Procedures: General closeout requirements.

**PART 8** Appropriate Sections of Divisions 15 and 16 specify closeout and/or commissioning related requirements for specific pieces of equipment or building operating systems.

**PART 9 SECTION INCLUDES**

**PART 10** Equipment and system commissioning, including the following:

- (1) Completion of commissioning procedures on specific equipment and systems as indicated under "Related Documents and Provisions" above.
- (2) Verification of operational and functional performance of specific equipment and systems for compliance with the "Design Intent" as described in the "Related Documents and Provisions" indicated above.

**PART 11 DEFINITIONS**

**PART 12** Commissioning: The process of verifying that the installation and performance of selected building systems meet or exceed the specified design criteria and therefore satisfy the design intent.

**PART 13** Deficiencies and Resolutions List: List of noted deficiencies discovered as result of commissioning process.

**PART 14** Final Commissioning Report: Overall final commissioning document, prepared by the Systems Commissioning Authority, which details the actual commissioning procedures performed, inspection and testing results, and the final version of the deficiencies and resolutions list indicating that all issues

discovered through the commissioning process have been verified as resolved.

**PART 15** Functional Performance Testing Process: Documented testing of system parameters, under actual or simulated operating conditions.

**PART 16** Pre-Commissioning Checklists: Installation and start-up items to be completed by the appropriate party prior to operational verification through functional testing.

**PART 17** Physical Inspection Process: On-site inspection and review of related system components for conformance to the specifications.

**PART 18** Systems Commissioning Authority (SCA): Independent entity under contract directly with the District or District's Representative responsible for performing the specified commissioning procedures.

### **PART 19 DESCRIPTION OF CONSTRUCTION PHASE COMMISSIONING PROCESS**

**PART 20** As soon as practicable after the [bid award] [start of construction] the Systems Commissioning Authority (SCA) will conduct a pre-installation commissioning "kick-off" meeting with the contractors. Parties directly affected by the commissioning work will be required to attend. The SCA will explain the commissioning process in detail, and identify specific commissioning related responsibilities of the various parties.

**PART 21** Commissioning status meetings will be scheduled to occur during construction to monitor progress and to help facilitate the commissioning process. Contractor representatives will be required to attend these meetings.

**PART 22** Once contractors have provided the SCA with written verification indicating completion of installation and startup procedures, the SCA will conduct an on-site physical inspection of the specific systems and equipment.

**PART 23** Upon confirmation of system readiness, the SCA will schedule with the contractors to perform functional compliance with the project specifications and drawings. The SCA will oversee the process and will provide the format and documentation for these tests.

**PART 24** Deficiencies noted during these tests will be documented on the Deficiencies and Resolutions list. When corrected, issues will be resolved at the time of discovery. The responsible Contractor will resolve all other issues at a later date. All deficiencies will be noted by the SCA as either resolved or pending resolution.

**PART 25** The construction commissioning process will be complete when all noted deficiencies have been corrected, proved to be compliance with the project specifications or otherwise resolved to the satisfaction of the District.

## **PART 26 SYSTEMS COMMISSIONING AUTHORITY'S DUTIES AND RESPONSIBILITIES**

**PART 27** Meet and communicate with the District's representatives, Construction Manager, if any, Contractors, equipment manufacturers' representatives, Architect, Engineer and others as needed, to facilitate the commissioning process.

**PART 28** Review commissioning related specifications, submittals and construction documents. Communicate noted deficiencies and concerns to the District, Architect and Engineer.

**PART 29** Develop detailed and specific functional testing procedures for equipment and systems to be commissioned.

**PART 30** Develop testing, adjusting and balancing (TAB) specifications. Oversee the TAB process.

**PART 31** Perform site inspections and verify contractor readiness for the functional testing process. Document deficiencies for future resolution.

**PART 32** Witness contractor performed functional testing process as appropriate to verify contractor compliance with the functional testing procedures. Document deficiencies for future resolution.

**PART 33** Provide the District, Construction Manager, Contractor, Architect, and Engineer with a Final Commissioning Report to document the commissioning process and to verify that the commissioning process is complete.

## **PART 34 DUTIES AND RESPONSIBILITIES OF OTHERS FOR COMMISSIONING**

**PART 35** The commissioning process will require the active participation of persons qualified to represent the District, Mechanical Engineer, Electrical Engineer, General Contractor, Equipment Manufacturers' Representatives, Mechanical Contractor, HVAC Contractor, Controls Contractor, TAB Contractor, Electrical Contractor, and other specific subcontractors, as deemed appropriate. The SCA will witness the final functional performance commissioning process. Participants shall include in their contracts all costs necessary to participate in and complete the commissioning process.

**PART 36** Contractor will assure the participation and co-operation of Subcontractors, as required to complete the commissioning process.

**PART 37** The District will assure the participation of their chosen representatives as required to complete the commissioning process.

**PART 38** The Architect will assure the participation of necessary representatives from the Design Team as required to complete the commissioning process. Design team members will provide prompt replies to requests for information issued during the commissioning process.

**PART 39** It is the Contractor's specific responsibility to complete their respective start-up and checkout procedures, and to insure the complete readiness of equipment and systems, prior to the start of the functional performance testing phase. The SCA shall request written confirmation of system readiness for performance testing, from the appropriate subcontractor or Contractor. Once the SCA is provided with confirmation of all related systems completion, the actual date and times for the functional performance testing process will be confirmed. Contractors shall provide sufficient time, and qualified representatives, to complete this process.

**PART 40** After a second failure of a system to successfully meet the criteria as set forth in the functional performance testing process, the Contractor shall reimburse the District for all costs associated with any additional re-testing efforts made necessary due to remaining Contractor related system deficiencies previously reported by the Contractor as corrected. These costs shall include salary, travel costs and per diem lodging costs (where applicable) for the SCA. Rates to be used:

Mileage: \$0.35/Mile  
Per Diem Lodging: \$115.00/Day  
Salary: \$100.00/Hour

**PART 41** Training on related systems and equipment operation and maintenance shall only be scheduled to commence after final performance commissioning is satisfactorily completed, and systems are verified to be 100 percent complete and functional.

## **PART 42 SUBMITTALS**

**PART 43** Submit under provisions of Document 01 33 00 Submittals.

**PART 44** Pre-Commissioning Checklist Forms: Submit two (2) signed copies of the checklist forms to the SCA upon completion of all listed items.

**PART 45** Equipment Manufacturer's Startup Forms: Submit two (2) completed copies of the installation and startup checklists provided by the equipment manufacturers to the SCA.

**PART 46** Test Reports: Submit two (2) copies of test reports for equipment and systems to the SCA.

**PART 47** Control Schematics: Submit two (2) copies of the control schematics for equipment, systems, and subsystems to the SCA.

**PART 48** Inspection Records: Submit two (2) copies of the records of inspections for code compliance, and approved permits and licenses to operate the equipment and systems to the SCA.

**PART 49** Operating Data: Submit two (2) copies of equipment and system operating data including all necessary instructions to facilitate operation to specified performance standards to the District.

**PART 50** Maintenance Data: Submit two (2) copies of equipment and system maintenance data including all necessary information required to maintain the equipment and systems in continuous operation, such as the testing, balancing and adjusting report and the as-built drawings.

**PART 51 – PRODUCTS Not Used.**

**PART 52 – EXECUTION Not Used.**

END OF DOCUMENT





**BCSD**

**SUMMARY OF COMPREHENSIVE ASBESTOS, LEAD,  
PCB, MERCURY & FLUORESCENT LIGHT TUBE  
INSPECTION FINDINGS  
(YES ENVIRONMENTAL, INC.; DATED JUNE 2023)**



**SUMMARY OF COMPREHENSIVE ASBESTOS, LEAD, PCB,  
MERCURY & FLUORESCENT LIGHT TUBE INSPECTION  
FINDINGS**

**Site Information:**

Horace Mann ES – MOD Inspection  
2710 Niles Street, Bakersfield, CA 93306



**Prepared for:**

Mr. Robert Van Tassel, Supervisor – School Planning & Construction  
Bakersfield City School District  
1300 Baker Street, Bakersfield, CA 93305  
(661) 631-5883

**Prepared by:**

Kristy Yowell, CAC 09-4500 / CDPH No. LRC-00004640  
YES Environmental, Inc.  
YES, Inc. Project Number 22YES-64  
June 2023



## **Purpose of Inspection**

Bakersfield City School District (BCSD) contacted YES, Inc. to request an asbestos, lead, PCB, mercury and fluorescent light tube survey of the following buildings at Horace Mann Elementary School located at 2710 Niles Street, Bakersfield, CA:

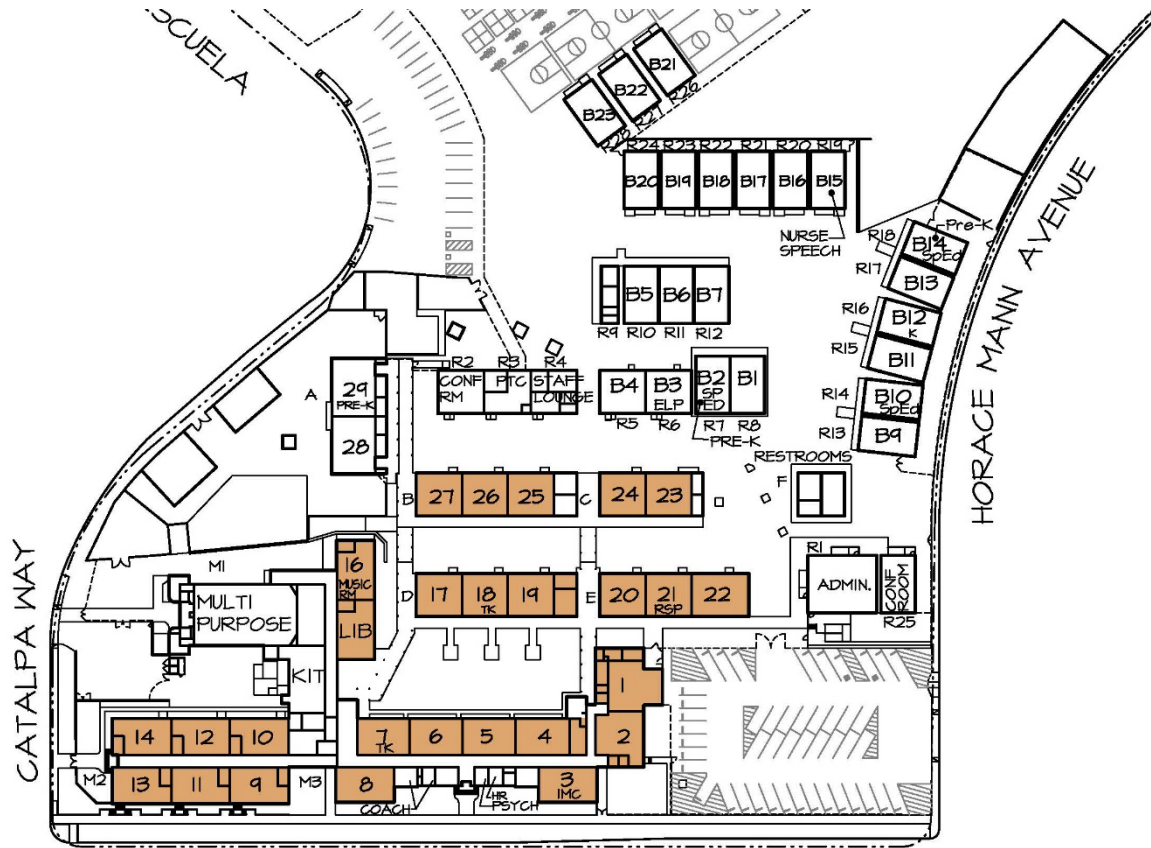
- Main Building M2 & M3 – Classrooms 1-14 including all hallways, connected offices, accessory rooms, and restrooms. Comprehensive inspection of all interiors and exteriors.
- Main Building – Library and Room 16 including adjacent hallway and accessory rooms. Comprehensive inspection of all interiors and exteriors.
- Building B – Classrooms 25-27 including all hallways, connected offices, accessory rooms, and restrooms. Comprehensive inspection of all interiors and exteriors.
- Building C – Classrooms 23-24 including all hallways, connected offices, accessory rooms, and restrooms. Comprehensive inspection of all interiors and exteriors
- Building D – Classrooms 17-19 including all hallways, connected offices, accessory rooms, and restrooms. Comprehensive inspection of all interiors and exteriors
- Building E – Classrooms 20-22 including all hallways, connected offices, accessory rooms, and restrooms. Comprehensive inspection of all interiors and exteriors
- The following buildings had limited interior and exterior inspections performed for fire alarm upgrade purposes. Per BCSD's scope the devices and conduits will likely be mounted on or penetrate upper interior walls, ceiling and attics. On the exterior the devices and conduits will likely be mounted or penetrate upper walls.
  - All rooms throughout Multi-Purpose Building M1
  - All rooms throughout relocatable Admin Building R1
  - All rooms throughout relocatable Conference Building R25
  - All rooms throughout Restroom Building F
  - All rooms throughout Building A (28-29)
  - All rooms throughout relocatable Buildings B1-B7 & B9-B23
  - All rooms throughout relocatable Buildings R2-R4
  - All rooms throughout relocatable Restroom Building R9

YES, Inc. performed the inspection over the course of several months, beginning in November 2022 and concluding in May 2023. The inspection was performed by Ms. Kristy Yowell who is a Cal/OSHA certified asbestos consultant and a CDPH certified lead inspector and risk assessor. Ms. Yowell was assisted by Mr. Allen Evans who is a Cal/OSHA certified Site Surveillance Technician and a CDPH certified lead sampling technician. A copy of their certifications is included in this report.



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820



NILES STREET  
HORACE MANN ELEMENTARY  
2710 NILES ST.  
631-5360  
AREA = 516,100 SQ. FT.  
OR 11.85 ACRES

■ REMOVE PERMANENT ROOMS FROM CHILLER SYSTEM. INSTALL NEW INDIVIDUAL WALL OR ROOF UNIT



**SITE PLAN**  
**10-11-21**



## **Regulatory Review**

The asbestos and lead surveys were performed in compliance with the following regulations:

- EPA NESHAP regulation 40 CFR Part 61 Subpart M
- EPA AHERA regulation 40 CFR Part 76
- Cal/OSHA lead in construction regulation Title 8 CCR 1532.1

The local enforcement office for the EPA NESHAP regulation, also known as San Joaquin Valley Air Pollution Control District (SJVAPCD), requires asbestos inspections of buildings and regulated structures to be performed prior to renovation or demolition activities, regardless of the age of the building or material(s) planned to be disturbed. This survey has met this requirement. Should the building owner opt to proceed with the removal or disturbance of the asbestos-containing materials discussed below (if any), notification to SJVAPCD and a 10-day waiting period may be required. Please contact YES, Inc. consulting firm prior to proceeding with work to determine the applicability of notification requirements.

EPA AHERA regulation determines the sampling protocol in K-12 public and non-profit private schools. The sampling protocols of this regulation were followed. AHERA also requires schools to add this inspection information to their existing Asbestos Management Plan. A copy of this report should be added to the main record in the District Office and a copy should be also retained on-site at the school. Since your District is a member of Self-Insured Schools of California (SISC), they should be notified of this inspection activity in order to update their copy of your school's asbestos management plan. Their office can be reached at (661) 636-4710.

Cal/OSHA requires an inspection of materials suspect to contain asbestos and lead prior to work commencing in order to protect workers who will be working directly with or around asbestos or lead-containing materials. Should the building owner proceed with any disturbance of the materials (in any amount), a copy of this report should be provided to all contractors involved. Note: there are other notifications that may be required in order to comply with this regulation. Please contact YES, Inc. consulting firm before proceeding with work to determine the applicability of such notifications. The lead portion of this survey is being performed in order for the contractor to comply with Title 8 CCR section 1532.1 in order to protect the workers performing disturbance of these materials.



## **Asbestos Inspection Protocol**

Each building, as described above, was inspected and suspect materials were categorized into homogenous areas and sampled accordingly. Samples were collected by misting the material being sampled with water, then drilling, scraping, hammering or chiseling from the substrate. Whenever possible, samples were collected from areas previously damaged or deteriorating. Each sample was placed in its own plastic sample bag, sealed, and labeled with a unique identification number. Sampling tools were individually cleaned before and after each sample was collected to avoid sample cross contamination.

The samples collected were recorded on YES, Inc.'s chain-of-custody form which accompanied them to the laboratory for analysis. The samples were shipped via Federal Express to either EMSL Analytical, Inc. or LA Testing, Inc., who are both NVLAP, ELAP and AIHA accredited laboratory in California. The samples submitted to be analyzed for asbestos content were analyzed using polarized light microscopy (PLM) with dispersion staining.

The complete list of materials tested for asbestos content and their locations, please refer to the attached Inspection Report by Room.

### **NESHAP – San Joaquin Valley Air Pollution Control District Definitions**

Category I non-friable asbestos-containing material (ACM) means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than 1 percent asbestos.

Category II non-friable ACM means any non-friable material, excluding Category I non-friable ACM, containing more than 1 percent asbestos.

Regulated asbestos-containing material (RACM) means (a) Friable asbestos material, (b) Category I nonfriable ACM that has become friable, (c) Category I nonfriable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or (d) Category II nonfriable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations regulated by this subpart.

### **Asbestos Conflicting Laboratory Results**

The EPA has a specific protocol for sampling suspect asbestos building materials. Multiple samples are typically recommended (in some cases required) to increase the statistical reliability of the results and to minimize the potential for field or laboratory error. Sometimes, multiple samples representing a particular material will yield both positive and negative results. When this happens, the negative sample result(s) are superseded by the positive results. Once a single positive sample is identified, the material represented by the sampling is treated as an asbestos-containing material.

However, if additional sampling data, as-built plans, or other reliable data can adequately explain or confirm that area(s) which tested positive are different (not homogenous) from areas tested negative, this information can be used to more accurately quantify ACM and define the scope of an asbestos abatement job.



## Lead Inspection Protocol

### Paint Analysis by XRF Spectrum Analyzer

The painted and/or coated surfaces were tested for lead content in the field using a Viken Pb200 X-Ray fluorescence (XRF) spectrum analyzer. Materials tested in specific areas are representative of homogeneous materials located in other project areas. Verification of calibration of the XRF was performed prior to, during (if appropriate – required every four hours), and immediately following testing.

If a paint is not listed in the report or has not been bulk sampled to verify a negative result (0.00 mg/cm<sup>2</sup>), it must be presumed to contain lead, and handled as such until proven lead free.

None of the paints on this campus were bulk sampled and must be presumed to contain lead.

Types of Lead Materials			
Types	Definition	Lead Content Standard	
LBP	Lead-based paint, coating or material	By XRF:	1.0 mg/cm <sup>2</sup> or greater
		By Paint Chip:	0.5 wt%; or 5,000 ppm
LCP	Lead-containing paint, coating or material	By XRF:	<1.0 mg/cm <sup>2</sup>
		By Paint Chip:	<0.5 wt%; or 5,000 ppm
ND	No lead detected	By XRF:	Requires paint chip confirmation
		By Paint Chip:	<limit of detection

## Summary of XRF Findings

Material Description	Locations See XRF table for specific testing information	Lead Type & Result
<b>Interior</b> paint – grey & dark blue on wood cabinetry  XRF Line #s: 6 & 131	Throughout Main Building 1-16	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> paint – grey on all wood door components including, but not limited to, doors, frames, jambs, trims, stops, etc.  XRF Line #s: 25, 72-73, 80 & 101	Throughout Main Building 1-16	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> paint – grey on all wood window components including, but not limited to, windows, sills, jams, skirt, frames, etc.  XRF Line #s: 32, 76, 82, 104 & 128-129	Throughout Main Building 1-16	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> ceramic wall tile – various colors & sizes  XRF Line #s: 41 & 107	Restrooms throughout Main Building 1-16	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> paint – cream on all wood baseboards  XRF Line #s: 64, 69 & 91	Throughout Main Building 1-16	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> paint – cream on all plaster walls  XRF Line #s: 65-68, 98-99 & 119	Throughout the East Main Building 1-8 and all rooms in between and adjacent	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Exterior</b> paint – cream on all wood window components including, but not limited to, windows, troughs, sills, jams, skirt, frames, etc.  XRF Line #s: 50-51 & 141	Throughout Main Building 1-16	LBP ≥1.00 mg/cm <sup>2</sup>



Material Description	Locations See XRF table for specific testing information	Lead Type & Result
<b>Exterior</b> paint – green on all wood door components including, but not limited to, doors, frames, jambs, trims, stops, etc.  XRF Line #s: 53-54 & 138	Throughout Main Building 1-16	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> white porcelain sinks  XRF Line #s: 146 & 214	Throughout Building D (17-19), Building E (20-22), Building C (23-24), and Building B (25-27)	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior &amp; Exterior</b> vertical metal window posts painted grey  XRF Line #s: 153, 160, 173, 184, 195, 209, 222 & 234	Throughout Building D (17-19), Building E (20-22), Building C (23-24), and Building B (25-27)	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> paint – grey on all wood door components including, but not limited to, doors, frames, jambs, trims, stops, etc.  XRF Line #: 158	Throughout Building D (17-19), Building E (20-22), Building C (23-24), and Building B (25-27)	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> ceramic wall tile – various colors & sizes  XRF Line #s: 41 & 107	Throughout Building D (17-19), Building E (20-22), Building C (23-24), and Building B (25-27)	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Exterior</b> white porcelain drinking fountains  XRF Line #: 166	Throughout Building D (17-19), Building E (20-22), Building C (23-24), and Building B (25-27)	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Exterior</b> wood window sills painted cream  XRF Line #s: 171, 220, 232, 241 & 243	Throughout Building D (17-19), Building E (20-22), Building C (23-24), and Building B (25-27)	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Exterior</b> vertical metal posts painted green  XRF Line #s: 245 & 248	Covered Walkways that run north to south between 20 & 24 and 19 & 25	LBP ≥1.00 mg/cm <sup>2</sup>
All other painted components on campus – interior and exterior	Throughout the buildings inspected	LCP 0.00-0.99 mg/cm <sup>2</sup>

### Additional Lead Information

Contractors, whose employees work at this site, are required to assess if their work will be subject to the requirements of the Cal/OSHA lead construction standard (CCR Title 8 § 1532.1). Cal/OSHA standards are designed to regulate and enforce on-the-job worker safety. Employers are required by law to ensure that employees are not exposed to airborne lead levels which exceed the permissible exposure limit (PEL). The standard requires worker exposure monitoring, medical surveillance, training, special work practices, etc.

Each contractor/employer who bids and/or performs work at the site will need to assess potential lead exposure to employees performing their particular scope of work. Contractors who perform work at this site may need to obtain additional data (beyond the data presented in this report) during their assessment and Cal/OSHA compliance planning. Individual contractors/subcontractors should be allowed access to the project to obtain any needed data (samples, consultation, etc.) to complete their employee exposure assessment.

Any work performed at the site where LBP or LCP is likely to be disturbed should be performed





by a contractor trained and qualified to perform lead-related construction work. Any work that exceeds Cal/OSHA's permissible exposure limit or is performed to remediate a lead hazard must be conducted by CDPH certified personnel.

### **FLUORESCENT LIGHT TUBES / PCB BALLASTS / MERCURY THERMOSTATS**

During the inspection YES, Inc. observed most every room has mercury vapor fluorescent light tubes, and ballasts that may contain polychlorinated biphenyls (PCBs).

No mercury-containing switches or thermostats were observed.

### **DISCLAIMERS**

The nature of renovation/demolition is such that materials can be uncovered which previously were unknown to exist. Therefore, YES, Inc. cannot be responsible for "hidden materials", although reasonable efforts were made during the inspection to detect all suspect materials. If any materials other than those included in this report and/or its attachments are discovered during renovation/demolition, it must be assumed that the materials are asbestos and/or lead-containing, and the project should then be halted and re-evaluated. This inspection and testing performed by YES, Inc. reflect the environment and structure only at the time and location the investigation was undertaken.

This report has been prepared for the exclusive use of YES, Inc.'s client and is not intended for use by any other party. Any use of this report by a third party shall be at their own risk and shall constitute release and an agreement to defend and indemnify YES, Inc. from any and all liability in connection therewith.

This report does not assess or anticipate future events that may impact or damage asbestos, or lead materials. Future changes in the condition of ACM or LBP may require a new assessment by a certified asbestos consultant and certified lead inspector/risk assessor. This report is not a work plan or project specification.

### **FURTHER RECOMMENDATIONS**

YES, Inc. recommends that the building owner disseminate this report to all prospective contractors bidding work at the subject site to assist them in identifying the materials tested for asbestos and/or lead-containing materials. Project design and oversight by a consultant is recommended to ensure the project is performed safely and legally during the removal and disturbance of asbestos or lead components or materials.



Thank you for using YES, Inc. for your consulting needs. We look forward to working together in the future.

Sincerely,

*Kristy Yowell*

Kristy Yowell, President,  
CA Asbestos Consultant No. 09-4500 / CA Dept. of Public Health I/RA No. LRC-00004640

Attachments A – Asbestos Inspection Report by Room & Maps  
B – Lead XRF Report, CDPH Form 8552 & Maps  
C – Chain of Custodies & Laboratory Reports  
D – YES, Inc. Certifications & Laboratory Accreditations



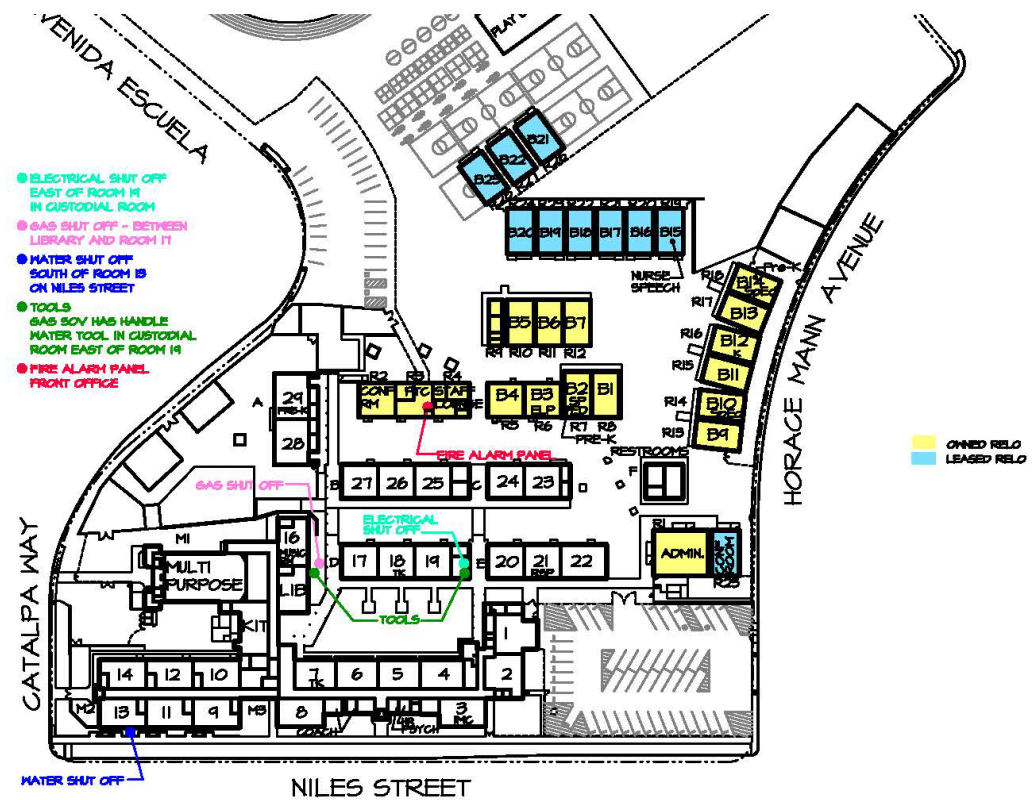
1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

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Attachment A – Asbestos Inspection Report by Room & Maps



Bakersfield City School District  
Horace Mann ES – 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 – January 2023



NILES STREET  
HORACE MANN ELEMENTARY  
2710 NILES STREET  
631-5360

AREA = 516,100 SQ. FT.  
OR 11.85 ACRES



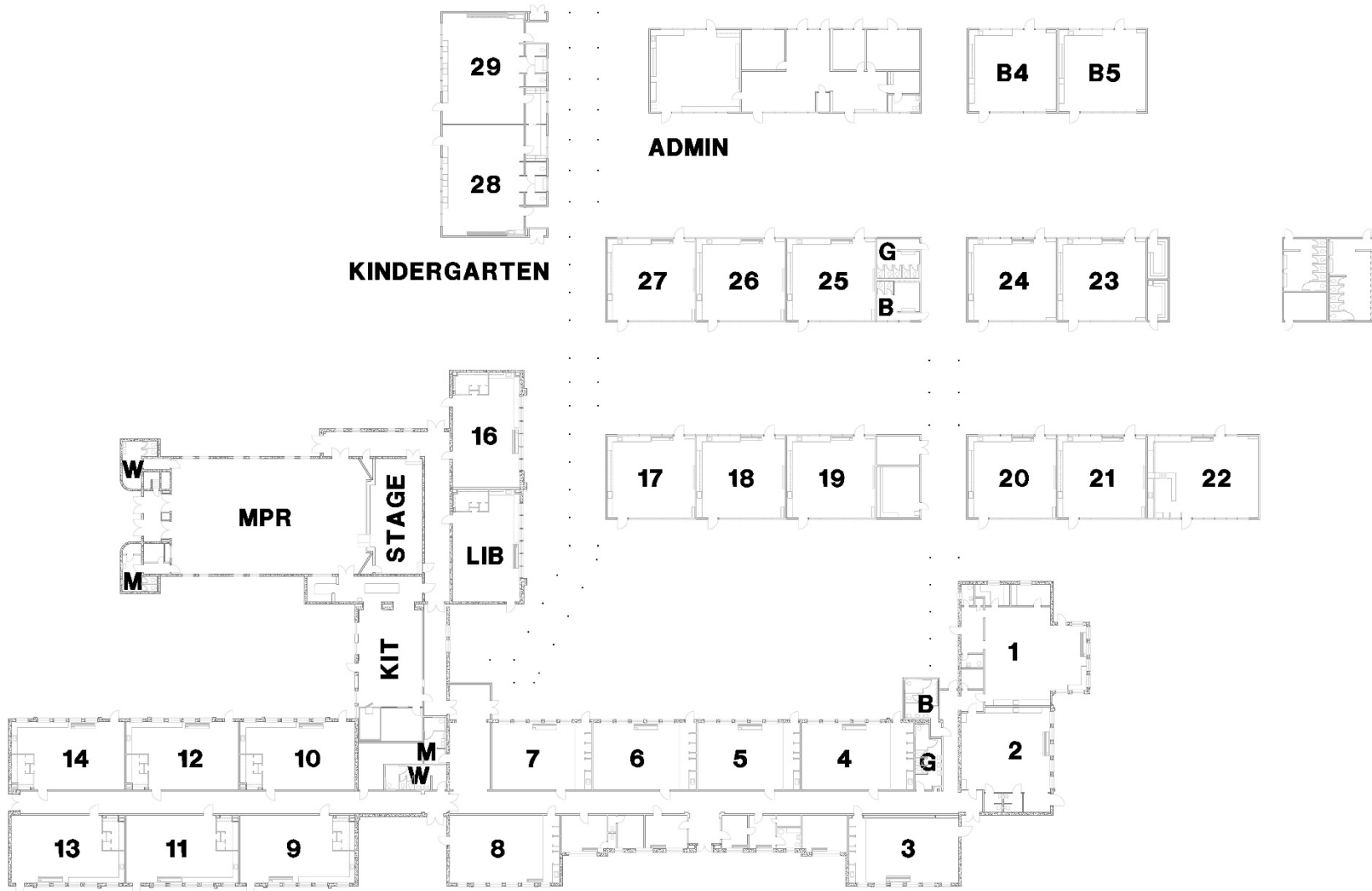
**SITE PLAN**  
**11-17-21**

SCALE: 1"=150'

Not Drawn to Scale



Bakersfield City School District  
Horace Mann ES – 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 – January 2023

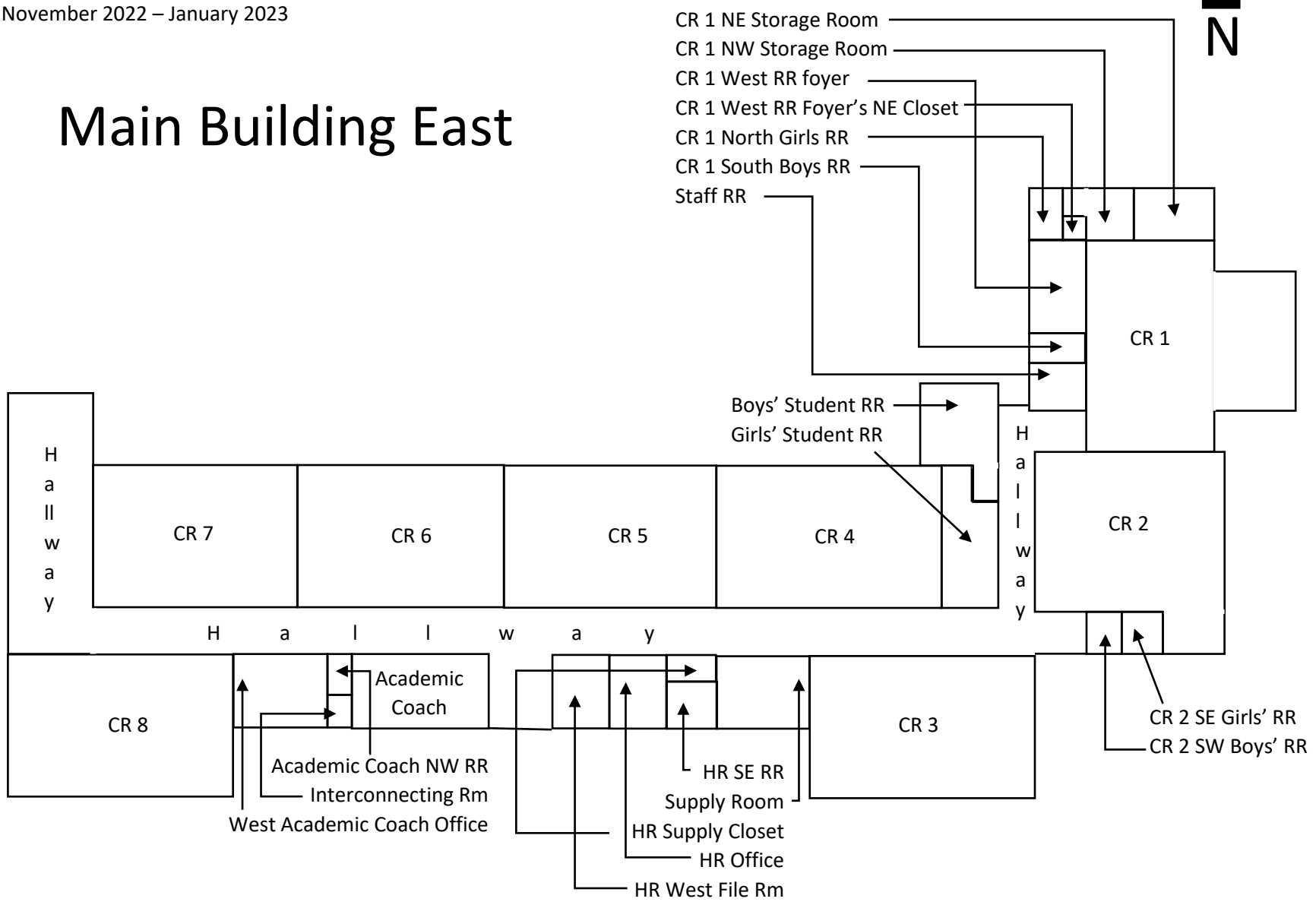


Not Drawn to Scale

Bakersfield City School District  
Horace Mann ES – 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 – January 2023



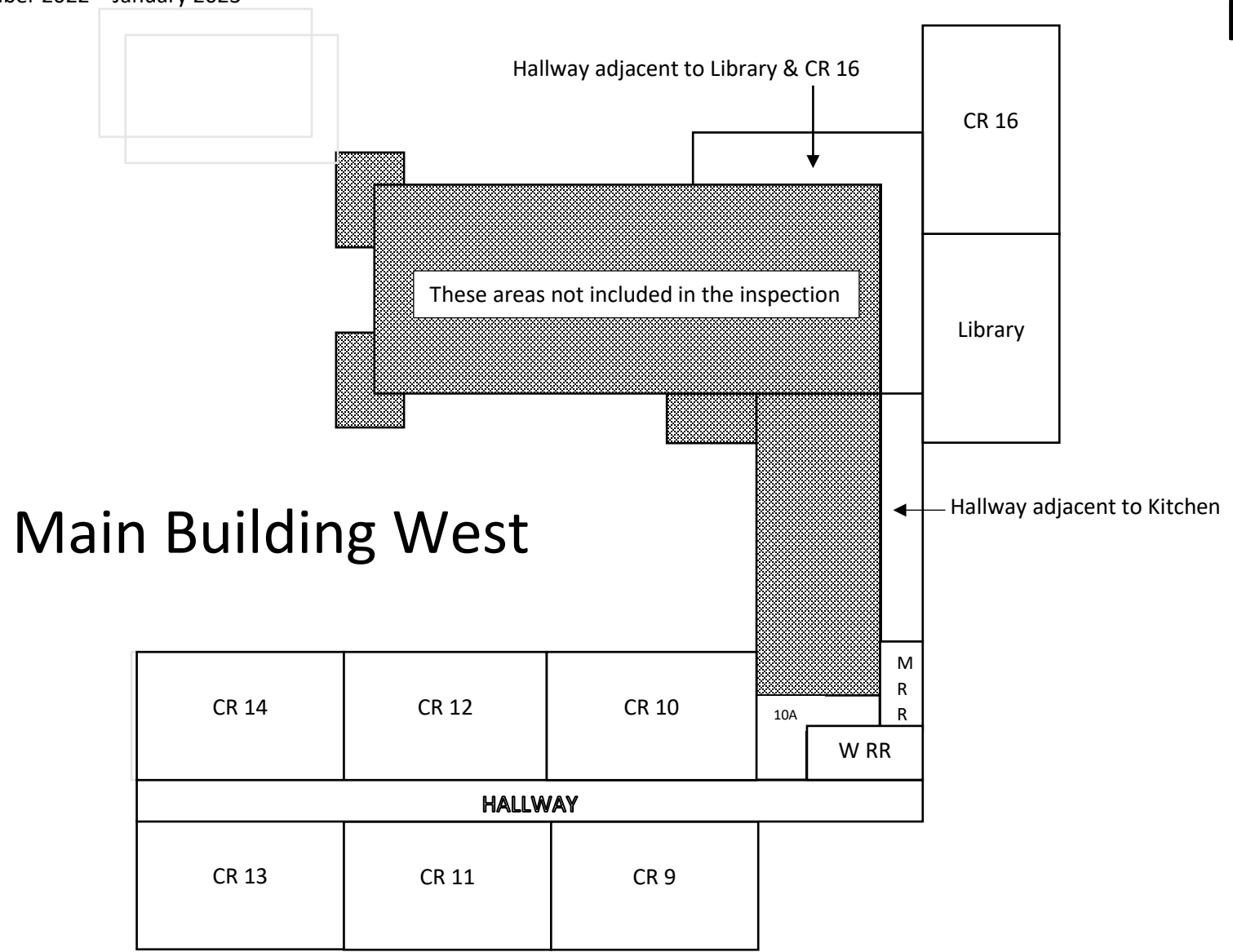
# Main Building East



Not Drawn to Scale



Bakersfield City School District  
Horace Mann ES – 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 – January 2023



# Main Building West

Not Drawn to Scale



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11.08.22

## Inspection Report

**Building:** Main Building 1-14

**Room Name:**

Attic

**Attic is defined as: every enclosed space that is contiguous and/or beneath the roof, attic, void, and plenum space above every room in this building including, but not limited to, exterior enclosed eaves, enclosed hallways, walkways, corridors, wall cavities, etc. and all spaces beneath the roof and above ceilings that are or are not readily accessible.**

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	-		Wood joists		n/a	n/a
Walls	14	14A	Brick & mortar		N	n/a
Walls	16	16A	Unfinished drywall (noT&J)		N	n/a
	NOTE		Seen inside the attic against walls near roof deck			
<b>Flue Pipes</b>	<b>15</b>		<b>Transite flue pipes - Known Asbestos Material</b>		<b>Y</b>	<b>N</b>
	NOTE		<b>2 pipes can be seen from attic access in CR 1 RR Foyer</b>			
Ceiling	-		Roof deck - 2x6 gap sheathing		n/a	n/a

RED=contains asbestos

BLACK=no asbestos detected or non-suspect





# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Building:</b>	Main Building 1-14		<b>Room Name:</b>	Classroom 1	<b>Rm Ft<sup>2</sup>:</b>	1440
			<b>Room Dimensions:</b>	L=36 W=40 H=13		
<b>Floor</b>	1	01A	Carpet squares & glue - blue/grey striped	wood underlayment	N	n/a
<b>Floor</b>	-		Wood underlayment	floor tile	n/a	n/a
<b>Floor</b>	9	09A	Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt NOTE All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND	hardwood floor	Y	N
<b>Floor</b>	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
<b>Floor</b>	-		Wood diagonal sheathing	joists		
<b>BB</b>	2	02A	Baseboard & glue - 4" black	Wood	N	n/a
<b>BB</b>	-		5" Wood		n/a	n/a
<b>Wall</b>	3	03A	Plaster - sanded finish NOTES Most of the walls above 2-3'	wire mesh	N	n/a
<b>Wall</b>	8		Plaster - smooth finish NOTES Most of the lower walls below 2-3'		N	n/a
<b>Counter Top</b>	5	05A	Sheet vinyl & brown glue - lt beige mosaic pattern	Wood	N	n/a
<b>Sink</b>	-		Porcelain		n/a	n/a
<b>Ceiling</b>	7	07B	Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
<b>Ceiling</b>	6	06A	Fiberglass batt insulation paper jacketed	ACTS	N	n/a
<b>Ceiling</b>	4	04A	Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
<b>Ceiling</b>	3	03B	Plaster - sanded finish	Gap Sheathing	N	n/a

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> CR 1 - NE Storage Room	<b>Rm Ft<sup>2</sup>:</b> 112
Room Note: This rooms is packed full of stuff. Difficult to inspect.	<b>Room Dimensions:</b> L=14 W=8 H=12	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	1		Carpet squares & glue - blue/grey striped	wood underlayment	N	n/a
Floor	-		Wood underlayment	floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	2		Baseboard & glue - 4" black	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		North, West & South walls			
Wall	-		Wood		n/a	n/a
	NOTES		Added presumeable over plaster wall. East wall only.			
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a

RED=contains asbestos

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> CR 1 - NW Storage Room	<b>Rm Ft<sup>2</sup>:</b> 144
Room Note: This rooms is packed full of stuff. Difficult to inspect.	<b>Room Dimensions:</b> L=18 W=8 H=12	

Component	HMR #	Sample #	Material Description	Substrate	ACM	Friable
					Y/N	Y/N
Floor	-		Hardwood floor - exposed & bare		n/a	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 2-3'			
Wall	8		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 2-3'			
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	CR 1 - West RR Foyer	<b>Rm Ft<sup>2</sup>:</b>	128
		<b>Room Dimensions:</b>	L=16 W=8 H=12		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	10	10A	Carpet & glue - black with white dots	Sheet flooring	N	n/a
Floor	11	11A	Sheet flooring & glue - black/white sand pattern	Wood underlayment	N	n/a
Floor	-		Wood underlayment	floor tile		
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	2		Baseboard & glue - 4" black	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 2-3'			
Wall	8		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 2-3'			
Ceiling	3		Plaster - sanded finish		N	n/a

RED=contains asbestos

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> CR 1 - West RR Foyer's NE Closet <b>Rm Ft<sup>2</sup>:</b> 6
<b>Room Dimensions:</b> L=3      W=2      H=7	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	11		Sheet flooring & glue - black/white sand pattern	Wood underlayment	N	n/a
Floor	-		Wood underlayment	floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	12	12A	Baseboard & brown glue - 3" blue	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	8		Plaster - smooth finish		N	n/a
Ceiling	8		Plaster - smooth finish		N	n/a

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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Building:</b>	Main Building 1-14					
				<b>Room Name:</b> CR 1 - North Girls RR	<b>Rm Ft<sup>2</sup>:</b>	40
				<b>Room Dimensions:</b> L=8 W=5 H=12		
<b>Floor</b>	11		Sheet flooring & glue - black/white sand pattern	Wood underlayment	N	n/a
<b>Floor</b>	-		Wood underlayment	floor tile	n/a	n/a
<b>Floor</b>	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
<b>Floor</b>	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
<b>Floor</b>	-		Wood diagonal sheathing	joists		
<b>BB</b>	11		Sheet flooring & glue - black/white sand pattern	Wood	N	n/a
<b>BB</b>	-		5" Wood		n/a	n/a
<b>Wall</b>	8		Plaster - smooth finish		N	n/a
<b>Wall</b>	13		FRP & glue- white OP pattern	Plaster	Y	N
	NOTE		AFF 4'. Assumed. Sampling will cause irreparable damage. Sample before disturbing.			
<b>Ceiling</b>	8		Plaster - smooth finish		N	n/a

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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Building:</b>	Main Building 1-14					
				<b>Room Name:</b> CR 1 - SouthBoys RR	<b>Rm Ft<sup>2</sup>:</b>	40
				<b>Room Dimensions:</b> L=8 W=5 H=12		
<b>Floor</b>	11		Sheet flooring & glue - black/white sand pattern	Wood underlayment	N	n/a
<b>Floor</b>	-		Wood underlayment	floor tile	n/a	n/a
<b>Floor</b>	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
		NOTE	All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
<b>Floor</b>	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
<b>Floor</b>	-		Wood diagonal sheathing	joists	n/a	n/a
<b>BB</b>	11		Sheet flooring & glue - black/white sand pattern	Wood	N	n/a
<b>BB</b>	-		5" Wood		n/a	n/a
<b>Wall</b>	8		Plaster - smooth finish		N	n/a
<b>Wall</b>	13		FRP & glue- white OP pattern	Plaster	Y	N
		NOTE	AFF 4'. Assumed. Sampling will cause irreparable damage. Sample before disturbing.			
<b>Ceiling</b>	8		Plaster - smooth finish		N	n/a

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# YES Environmental, Inc.

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<b>Building:</b> Main Building 1-14	<b>Room Name:</b> Staff RR	<b>Rm Ft<sup>2</sup>:</b> 56
Adjacent to CR 1	<b>Room Dimensions:</b> L=8 W=7 H=12	

Component	HMR #	Sample #	Material Description	Substrate	ACM	Friable
					Y/N	Y/N
Floor	17	17A	Sheet flooring & glue - lt blue mosaic pattern	Concrete	N	n/a
BB	17		Sheet flooring & glue - lt blue mosaic pattern	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	8		Plaster - smooth finish		N	n/a
Ceiling	8		Plaster - smooth finish		N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Main Building 1-14		Room Name:	Classroom 2		Rm Ft <sup>2</sup> :	930	
		Room Dimensions:		L=30	W=31	H=12			
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N			
Floor	1		Carpet squares & glue - blue/grey striped	wood underlayment	N	n/a			
Floor	-		Wood underlayment	floor tile	n/a	n/a			
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N			
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND						
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a			
Floor	-		Wood diagonal sheathing	joists	n/a	n/a			
BB	2		Baseboard & glue - 4" black	Wood	N	n/a			
BB	-		5" Wood		n/a	n/a			
Wall	3		Plaster - sanded finish	wire mesh	N	n/a			
	NOTES		Most of the walls above 2-3'						
Wall	8		Plaster - smooth finish		N	n/a			
	NOTES		Most of the lower walls below 2-3'						
Counter Top	5		Sheet vinyl & brown glue - lt beige mosaic pattern	Wood	N	n/a			
Sink	-		Porcelain		n/a	n/a			
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a			
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a			
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	ACM Plaster	N	n/a			
Ceiling	18		Plaster - rough finish		Y	Y			
	NOTE		Previously sampled by HMS 2016 - 2% CH						

RED=contains asbestos

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# YES Environmental, Inc.

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<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	CR 2 - SE Girls RR	<b>Rm Ft<sup>2</sup>:</b>	36
		<b>Room Dimensions:</b>	L=6 W=6 H=12		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	20	20A	Sheet vinyl & brown glue - pink/blue/cream sand pattern	Wood	N	n/a
Floor	-		Wood - Abatement records down to floor joists in 2013.		n/a	n/a
BB	20		Sheet vinyl & brown glue - pink/blue/cream sand pattern	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	8		Plaster - smooth finish		N	n/a
Wall	13		FRP & glue- white OP pattern	Plaster	Y	N
	NOTE		AFF 7.5'. Assumed. Sampling will cause irreparable damage. Sample before disturbing.			
Ceiling	8		Plaster - smooth finish		N	n/a

<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	CR 2 - SW Boys RR	<b>Rm Ft<sup>2</sup>:</b>	36
		<b>Room Dimensions:</b>	L=6 W=6 H=12		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	11		Sheet flooring & glue - black/white sand pattern	Wood underlayment	N	n/a
Floor	-		Wood underlayment	floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	11		Sheet flooring & glue - black/white sand pattern	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	8		Plaster - smooth finish		N	n/a
Wall	13		FRP & glue- white OP pattern	Plaster	Y	N
	NOTE		AFF 4'. Assumed. Sampling will cause irreparable damage. Sample before disturbing.			
Ceiling	8		Plaster - smooth finish		N	n/a

RED=contains asbestos

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# YES Environmental, Inc.

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<b>Building:</b> Main Building 1-14 Located Adjacent to CR 2	<b>Room Name:</b> Boys' Student RR	<b>Rm Ft<sup>2</sup>:</b> 176
	<b>Room Dimensions:</b> L=16 W=11 H=8	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	21	21A	Ceramic tile & brown grout - 2" grey		N	N/A
BB			None			
Walls	22		Ceramic tile & white grout - 4" lt grey		N	N/A
	NOTE		Floor to ceiling.			
Ceiling	8		Plaster - smooth finish		N	N/A
Door	23		Fire door (1) 20 minute		Y	Y
	NOTE		Assumed, test prior to disturbance			

<b>Building:</b> Main Building 1-14 Located Adjacent to CR 2	<b>Room Name:</b> Girls' Student RR	<b>Rm Ft<sup>2</sup>:</b> 198
	<b>Room Dimensions:</b> L=22 W=9 H=8	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	21		Ceramic tile & brown grout - 2" grey		N	n/a
BB			None		n/a	n/a
Walls	22	22A	Ceramic tile & white grout - 4" lt grey		N	n/a
	NOTE		Floor to ceiling.			
Ceiling	8		Plaster - smooth finish		N	n/a
Door	23		Fire door (1) 20 minute		Y	Y
	NOTE		Assumed, test prior to disturbance			

NOTE Attic Access

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Building:** Main Building 1-14

**Room Name:** Attic above RRs

Located Adjacent to CR 2

**Attic is defined as: every enclosed spaced that is contiguous and/or beneath the roof, attic, void, and plenum space above every room in this building including, but not limited to, exterior enclosed eaves, enclosed hallways, walkways, corridors, wall cavities, etc. and all spaces beneath the roof and above ceilings that are or are not readily accessible.**

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor			Ceiling joists		n/a	n/a
BB			None		n/a	n/a
Walls	24	24A	Unfinished drywall with tape & joint compound		N	n/a
Ceiling	8		Plaster - smooth finish		N	n/a
Uppermost walls	3		Plaster - sanded finish		N	n/a
	NOTE		Walls leading up to what appears to be old skylight.			

RED=contains asbestos

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# YES Environmental, Inc.

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<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	Classroom 3	<b>Rm Ft<sup>2</sup>:</b>	874
		<b>Room Dimensions:</b>	L=38 W=23 H=10/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	25	25A	Carpet & glue - blue w/white	Wood	N	n/a
	NOTE		Covers approx. 80% of floor previously sampled by HMS 2016			
Floor	26	26A	Sheet flooring & glue - grey mosaic pattern	Wood	N	n/a
	NOTE		Covers approx. 10% of floor previously sampled by HMS 2016			
Floor	27	27A	Sheet flooring & glue - purple w/black/white flecks	Wood	N	n/a
	NOTE		Covers approx. 10% of floor previously sampled by HMS 2016			
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9	48A	Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	12	12B	Baseboard & brown glue - 3" blue	5" Wood bb	N	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
Wall	8		Plaster - smooth finish		N	n/a
Counter Top	28	28A	Sheet vinyl & brown glue - blue fabric pattern	Wood	N	n/a
Counter Top	48	48A	Counter top material & glue - brown/cream mosaic pattern 15%	Wood	Y	Y
Sink	-		Porcelain		n/a	n/a
Ceiling	7	07A	Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
Ceiling	29	29A	Lay-in panels 2'x4' gouge pinhole - newer	F/G Batts	N	n/a
Ceiling	30	30A	Lay-in panels 2'x4' fissured pinhole - older	F/G Batts	N	n/a
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a
Window Infill	31	31A	Unfinished drywall - painted	NOTE some window infills are plaster above doors.	N	n/a

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# YES Environmental, Inc.

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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Building:</b>	Main Building 1-14					
				<b>Room Name:</b> Classroom 4		<b>Rm Ft<sup>2</sup>:</b>
				<b>Room Dimensions:</b> L=38	W=23	H=10/13
						874
<b>Floor</b>	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a
<b>Floor</b>	-		Wood underlayment	ACM floor tile	n/a	n/a
<b>Floor</b>	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
		NOTE	All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
<b>Floor</b>	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
<b>Floor</b>	-		Wood diagonal sheathing	joists	n/a	n/a
<b>BB</b>	2		Baseboard & glue - 4" black	Wood	N	n/a
<b>BB</b>	-		5" Wood		n/a	n/a
<b>Wall</b>	3		Plaster - sanded finish	wire mesh	N	n/a
		NOTES	Most of the walls above 2-3'			
<b>Wall</b>	8		Plaster - smooth finish		N	n/a
		NOTES	Most of the lower walls below 2-3'			
<b>Counter Top</b>	28		Sheet vinyl & brown glue - blue fabric pattern	Wood	N	n/a
<b>Sink</b>	-		Porcelain		n/a	n/a
<b>Ceiling</b>	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
<b>Ceiling</b>	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a
<b>Ceiling</b>	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
<b>Ceiling</b>	3		Plaster - sanded finish	Gap Sheathing	N	n/a
<b>Window Infill</b>	31		Unfinished drywall - painted		N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> Supply Rm Adj to CR 3	<b>Rm Ft<sup>2</sup>:</b> 308
<b>Room Dimensions:</b> L=22 W=14 H=8		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	2		Baseboard & glue - 4" black	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 2-3'			
Wall	8		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 2-3'			
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a
Window Infill	31		Unfinished drywall - painted		N	n/a

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# YES Environmental, Inc.

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Building:		Main Building 1-14		Room Name:	HR Office		Rm Ft <sup>2</sup> :	132	
Immediately adjacent to Supply Rm adj to CR 3				Room Dimensions:	L=12	W=11	H=8		
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N			
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a			
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a			
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N			
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND						
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a			
Floor	-		Wood diagonal sheathing	joists					
BB	2		Baseboard & glue - 4" black	Wood	N	n/a			
BB	-		5" Wood		n/a	n/a			
Wall	3		Plaster - sanded finish	wire mesh	N	n/a			
	NOTES		Most of the walls above 2-3'						
Wall	8		Plaster - smooth finish		N	n/a			
	NOTES		Most of the lower walls below 2-3'						
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a			
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a			
Ceiling	4	04B	Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a			
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a			
Window Infill	31		Unfinished drywall - painted		N	n/a			

RED=contains asbestos

BLACK=no asbestos detected or non-suspect





# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> HR NE Supply Rm	<b>Rm Ft<sup>2</sup>:</b> 24
Immediately adjacent to Supply Rm adj to CR 3	<b>Room Dimensions:</b> L=6 W=4 H=12	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	25		Carpet & glue - blue w/white	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
		NOTE	All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a

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# YES Environmental, Inc.

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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N	
<b>Building:</b>	Main Building 1-14			<b>Room Name:</b>	HR SE RR	<b>Rm Ft<sup>2</sup>:</b>	64
	Immediately adjacent to Supply Rm adj to CR 3			<b>Room Dimensions:</b>	L=8 W=8 H=12		
<b>Floor</b>	32	32A	Sheet vinyl & glue - dk blue/grey w/black mosaic fabric pattern	Wood	N	n/a	
<b>Floor</b>	-		Wood underlayment	ACM floor tile			
<b>Floor</b>	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N	
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND				
<b>Floor</b>	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a	
<b>Floor</b>	-		Wood diagonal sheathing	joists	n/a	n/a	
<b>BB</b>	32		Sheet vinyl & glue - dk blue/grey w/black mosaic fabric pattern	Wood	N	n/a	
<b>BB</b>	-		5" Wood		n/a	n/a	
<b>Wall</b>	3		Plaster - sanded finish	wire mesh	N	n/a	
<b>Wall</b>	13		FRP & glue- white OP pattern	Plaster	Y	N	
	NOTE		AFF 5'. Assumed. Sampling will cause irreparable damage. Sample before disturbing.				
<b>Ceiling</b>	3		Plaster - sanded finish	Gap Sheathing	N	n/a	

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> HR West File Rm	<b>Rm Ft<sup>2</sup>:</b> 96
Immediately adjacent to Supply Rm adj to CR 3	<b>Room Dimensions:</b> L=12 W=8 H=10/12	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
			NOTE: All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	2		Baseboard & glue - 4" black	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
			NOTE: Walls above 5' on average.			
Wall	8		Plaster - smooth finish	wire mesh	N	n/a
			NOTE: AFF 5'			
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a
Window Infill	31		Unfinished drywall - painted		N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	Classroom 5	<b>Rm Ft<sup>2</sup>:</b>	782
		<b>Room Dimensions:</b>	L=34 W=23 H=10/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	2		Baseboard & glue - 4" black	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 2-3'			
Wall	8		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 2-3'			
Counter Top	28		Sheet vinyl & brown glue - blue fabric pattern	Wood	N	n/a
Sink	-		Porcelain		n/a	n/a
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a
Window Infill	31		Unfinished drywall - painted		N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Main Building 1-14		Room Name:		Classroom 6		Rm Ft <sup>2</sup> :		782	
		Room Dimensions:		L=34	W=23	H=10/13					
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N					
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a					
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a					
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N					
		NOTE	All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND								
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a					
Floor	-		Wood diagonal sheathing	joists	n/a	n/a					
BB	2		Baseboard & glue - 4" black	Wood	N	n/a					
BB	-		5" Wood		n/a	n/a					
Wall	3		Plaster - sanded finish	wire mesh	N	n/a					
		NOTES	Most of the walls above 2-3'								
Wall	8		Plaster - smooth finish		N	n/a					
		NOTES	Most of the lower walls below 2-3'								
Counter Top	28		Sheet vinyl & brown glue - blue fabric pattern	Wood	N	n/a					
Sink	-		Porcelain		n/a	n/a					
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a					
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a					
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a					
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a					
Window Infill	31	31B	Unfinished drywall - painted		N	n/a					

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Main Building 1-14		Room Name:		Classroom 7		Rm Ft <sup>2</sup> :		782	
				Room Dimensions:		L=34	W=23	H=10/13			
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N					
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a					
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a					
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N					
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND								
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a					
Floor	-		Wood diagonal sheathing	joists							
BB	2		Baseboard & glue - 4" black	Wood	N	n/a					
BB	-		5" Wood		n/a	n/a					
Wall	3		Plaster - sanded finish	wire mesh	N	n/a					
	NOTES		Most of the walls above 2-3'								
Wall	8		Plaster - smooth finish		N	n/a					
	NOTES		Most of the lower walls below 2-3'								
Counter Top	28		Sheet vinyl & brown glue - blue fabric pattern	Wood	N	n/a					
Sink	-		Porcelain		n/a	n/a					
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a					
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a					
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a					
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a					
Window Infill	31		Unfinished drywall - painted		N	n/a					

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> Academic Coach	<b>Rm Ft<sup>2</sup>:</b> 336
<b>Room Dimensions:</b> L=28 W=12 H=10/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	25		Carpet & glue - blue w/white	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 2-3'			
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a
Window Infill	31		Unfinished drywall - painted		N	n/a
Door	23		Fire door (1) 20 minute Assumed - Test prior to construction		Y	Y

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> Academic Coach NW RR	<b>Rm Ft<sup>2</sup>:</b> 18
	<b>Room Dimensions:</b> L=6 W=3 H=13	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	26	26B	Sheet flooring & glue - cream mosaic pattern	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 1'			
Wall	8		Plaster - smooth finish	wire mesh	N	n/a
	NOTES		Most of the walls above 5'			
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> Interconnecting Room	<b>Rm Ft<sup>2</sup>:</b> 18
Located between Academic Coach & Office adj to CR 8	<b>Room Dimensions:</b> L=6 W=3 H=13	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	33	33A	Sheet vinyl & glue - solid cream		N	n/a
Floor	26		Sheet flooring & glue - cream mosaic pattern	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 1'			
Wall	8		Plaster - smooth finish	wire mesh	N	n/a
	NOTES		Most of the walls above 5'			
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> West Academic Coach Office	<b>Rm Ft<sup>2</sup>:</b> 196
Located between Academic Coach & Office adj to CR 8	<b>Room Dimensions:</b> L=14 W=14 H=8/13	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	34	34A	Carpet & glue - blue/green/red/cream multi	Wood	N	n/a
Floor	33		Sheet vinyl & glue - solid cream	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	Classroom 8	<b>Rm Ft<sup>2</sup>:</b>	828
		<b>Room Dimensions:</b>	L=36 W=23 H=9/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	1	01B	Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile		
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
			NOTE All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	2	02B	Baseboard & glue - 4" black	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 2-3'			
Wall	8	08A	Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 2-3'			
Counter Top	28	28B	Sheet vinyl & brown glue - blue fabric pattern	Wood	N	n/a
Sink	-		Porcelain		n/a	n/a
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
Ceiling	6	06B	Fiberglass batt insulation paper jacketed	ACTS	N	n/a
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a
Window Infill	31		Unfinished drywall - painted		N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	Hallway between CRs 1-8	<b>Rm Ft<sup>2</sup>:</b>	3,000
		<b>Room Dimensions:</b>	L=375 W=8 H=9/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	11	11B	Sheet flooring & glue - black/white sand pattern	Wood/concrete	N	n/a
		NOTE	The hallway's substrate is mostly wood. The sections that run north/south are concrete.			
Floor	-		Two layers of wood underlayment (thicknesses unknown)	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
		NOTE	All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	n/a	n/a
		NOTES	Most of the walls above 5'			
Wall	8		Plaster - smooth finish		N	n/a
		NOTES	Most of the lower walls below 5'			
Counter Top	28		Sheet vinyl & brown glue - blue fabric pattern	Wood	N	n/a
Sink	-		Porcelain		n/a	n/a
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a
Window Infill	31		Unfinished drywall - painted		N	N/A

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14 L-shaped room	<b>Room Name:</b> 10A	<b>Rm Ft<sup>2</sup>:</b> 135
<b>Room Dimensions:</b> L=15 W=9 H=10/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	35		Floor tile & glue 12" grey oatmeal	Wood underlayment	N	n/a
	NOTE		Previously sampled by HMS 2016			
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	36		Baseboard & glue - 4" lt grey		N	n/a
	NOTE		Previously sampled by HMS 2016			
Walls	42	42A	Plaster - smooth finish		N	n/a
	NOTE		Some walls have concrete substrate. Others wire mesh			
Ceiling	37	37B	Lay-in panels 2'x4' gouge pinhole	ACTS	N	n/a
Ceiling	39	39A	Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
Ceiling	40	40A	Plaster - sanded finish	Gap Sheathing	N	n/a
Window Infill	31		Unfinished drywall - painted		N	n/a

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# YES Environmental, Inc.

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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Building:	Main Building 1-14		Room Name:	Classroom 9	Rm Ft <sup>2</sup> :	1035
			Room Dimensions:	L=45 W=23 H=13		
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	41	41A	Baseboard & glue - 3" black	Wood	N	n/a
BB	-		3" Wood		n/a	n/a
Wall	18		Plaster rough finish - 2% CH	wire mesh	Y	Y
	NOTE		Most of the walls above 7'. HMS Report 5.27.16 = 2% CH			
Wall	42		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 7'			
Walls	43		Chalkboards	Plaster #42	Y	N
	NOTE		Assumed, test prior to disturbance			
Counter Top	-		Formica - blue	Wood	n/a	n/a
Sink	-		Porcelain		n/a	n/a
Wall	18		Plaster rough finish - 2% CH	wire mesh	Y	Y
	NOTE		Most of the walls above 7'. HMS Report 5.27.16 = 2% CH			
Window Infill	31		Unfinished drywall - painted		N	n/a
Unit						
Ventilator	44	44A	Pipe straight insulation - paper jacketed		N	n/a

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Building:** Main Building 1-14

**Room Name:** Attic Above 9-14

**Attic is defined as: every enclosed spaced that is contiguous and/or beneath the roof, attic, void, and plenum space above every room in this building including, but not limited to, exterior enclosed eaves, enclosed hallways, walkways, corridors, wall cavities, etc. and all spaces beneath the roof and above ceilings that are or are not readily accessible.**

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	-		Wood ceiling joists		n/a	n/a
Floor	45	45A	Blown-in insulation - pink fiberglass		N	n/a
Walls	-		Concrete - bare & exposed		n/a	n/a
Ceiling	-		Diagonal sheathing roof deck		n/a	n/a
<b>Flue Pipes</b>	<b>15</b>		<b>Transite flue pipes - Known Asbestos Material</b>		<b>Y</b>	<b>N</b>
	<b>NOTE</b>		<b>Known material</b>			
TSI	44		Pipe straight insulation - paper jacketed		N	n/a

RED=contains asbestos

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# YES Environmental, Inc.

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<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	Classroom 10	<b>Rm Ft<sup>2</sup>:</b>	920
		<b>Room Dimensions:</b>	L=40 W=23 H=13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	41		Baseboard & glue - 3" black	Wood	N	n/a
BB	-		3" Wood		n/a	n/a
Wall	3		Plaster - sanded finish		N	n/a
	NOTE		North wall.			
Wall	18		Plaster - rough finish	Wire Mesh	Y	Y
	NOTE		East, South & west walls above 7'. None on north wall. Previously sampled by HMS 2016 - 2% CH			
Wall	42		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 7'			
Walls	43		Chalkboards	Plaster #42	Y	N
	NOTE		Assumed, test prior to disturbance			
Counter Top	60	60C	Sheet vinyl & brown mastic - dark wood grain	Wood	N	n/a
Backsplash	47	47A	Counter top material & glue - green fabric pattern	Wood	N	n/a
Sink	-		Porcelain		n/a	n/a
Ceiling	18		Plaster - rough finish	Metal Lath	Y	Y
	NOTE		Previously sampled by HMS 2016 - 2% CH			
Window Infill	31		Unfinished drywall - painted		N	n/a
Unit						
Ventilator	44		Pipe straight insulation - paper jacketed		N	n/a

RED=contains asbestos

BLACK=no asbestos detected or non-suspect





# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Building:</b>	Main Building 1-14					
				<b>Room Name:</b> Classroom 11		<b>Rm Ft<sup>2</sup>:</b> 920
				<b>Room Dimensions:</b> L=40 W=23 H=13		
<b>Floor</b>	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a
<b>Floor</b>	-		Wood underlayment	ACM floor tile	n/a	n/a
<b>Floor</b>	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
		NOTE	All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
<b>Floor</b>	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
<b>Floor</b>	-		Wood diagonal sheathing	joists	n/a	n/a
<b>BB</b>	41		Baseboard & glue - 3" black	Wood	N	n/a
<b>BB</b>	-		3" Wood		n/a	n/a
<b>Wall</b>	3		Plaster - sanded finish		N	n/a
		NOTE	South wall			
<b>Wall</b>	18		Plaster rough finish - 2% CH	Wire Mesh	Y	Y
		NOTE	East, North & west walls above 7'. None on south wall Previously sampled by HMS 2016 - 2% CH			
<b>Wall</b>	42		Plaster - smooth finish		N	n/a
		NOTES	Most of the lower walls below 7'			
<b>Walls</b>	43		Chalkboards	Plaster #42	Y	N
		NOTE	Assumed, test prior to disturbance			
<b>Counter top</b>	47		Counter top material & glue - green fabric pattern	Wood	N	n/a
<b>Sink</b>	-		Porcelain		n/a	n/a
<b>Ceiling</b>	18		Plaster rough finish - 2% CH	Metal Lath	Y	Y
		NOTE	Previously sampled by HMS 2016 - 2% CH			
<b>Window Infill</b>	31		Unfinished drywall - painted		N	n/a
<b>Unit</b>						
<b>Ventilator</b>	44		Pipe straight insulation - paper jacketed		N	n/a

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# YES Environmental, Inc.

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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Building:	Main Building 1-14		Room Name:	Classroom 12	Rm Ft <sup>2</sup> :	920
			Room Dimensions:	L=40 W=23 H=13		
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	41		Baseboard & glue - 3" black	Wood	N	n/a
BB	-		3" Wood		n/a	n/a
Wall	3		Plaster - sanded finish		N	n/a
	NOTE		North wall			
Wall	18		Plaster rough finish - 2% CH	Wire Mesh	Y	Y
	NOTE		East, North & west walls above 7'. None on south wall Previously sampled by HMS 2016 - 2% CH			
Wall	42		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 7'			
Walls	43		Chalkboards	Plaster #42	Y	N
	NOTE		Assumed, test prior to disturbance			
Counter top	47		Counter top material & glue - green fabric pattern	Wood	N	n/a
Counter top	60		Sheet vinyl & brown mastic - dark wood grain		N	n/a
Sink	-		Porcelain		n/a	n/a
Ceiling	18		Plaster - rough finish	Metal Lath	Y	Y
	NOTE		Previously sampled by HMS 2016 - 2% CH			
Window Infill	31		Unfinished drywall - painted		N	n/a
Unit						
Ventilator	44		Pipe straight insulation - paper jacketed		N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	Classroom 13	<b>Rm Ft<sup>2</sup>:</b>	920
		<b>Room Dimensions:</b>	L=40 W=23 H=13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	41		Baseboard & glue - 3" black	Wood	N	n/a
BB	-		3" Wood		n/a	n/a
Wall	3		Plaster - sanded finish		N	n/a
	NOTE		South wall			
Wall	18		Plaster - rough finish	Wire Mesh	Y	Y
	NOTE		East, North & west walls above 7'. None on south wall Previously sampled by HMS 2016 - 2% CH			
Wall	42		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 7'			
Walls	43		Chalkboards	Plaster #42	Y	N
	NOTE		Assumed, test prior to disturbance			
Counter top	48		Counter top material & glue - brown/cream mosaic pattern	Wood	Y	Y
	NOTE		Counter top material=15% CH; glue=ND			
Sink	-		Porcelain		n/a	n/a
Ceiling	18		Plaster - rough finish	Metal Lath	Y	Y
	NOTE		Previously sampled by HMS 2016 - 2% CH			
Window Infill	31		Unfinished drywall - painted		N	n/a
Unit						
Ventilator	44		Pipe straight insulation - paper jacketed		N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	Classroom 14	<b>Rm Ft<sup>2</sup>:</b>	920
		<b>Room Dimensions:</b>	L=40 W=23 H=13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	1	1C	Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	41	41B	Baseboard & glue - 3" black	Wood	N	n/a
BB	-		3" Wood		n/a	n/a
Wall	3		Plaster - sanded finish		N	n/a
	NOTE		North wall			
Wall	18		Plaster - rough finish	Wire Mesh	Y	Y
	NOTE		East, North & west walls above 7'. None on south wall Previously sampled by HMS 2016 - 2% CH			
Wall	42		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 7'			
Walls	43		Chalkboards	Plaster #42	Y	N
	NOTE		Assumed, test prior to disturbance			
Backsplash	47		Counter top material & glue - green fabric pattern	Wood	N	n/a
Counter top	60		Sheet vinyl & brown mastic - dark wood grain		N	n/a
Sink	-		Porcelain		n/a	n/a
Ceiling	18		Plaster - rough finish	Metal Lath	Y	Y
	NOTE		Previously sampled by HMS 2016 - 2% CH			
Window Infill	31		Unfinished drywall - painted		N	n/a
Unit						
Ventilator	44		Pipe straight insulation - paper jacketed		N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> Hallway between CRs 9-14	<b>Rm Ft<sup>2</sup>:</b> 1,216
	<b>Room Dimensions:</b> L=152 W=8 H=11	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	11		Sheet flooring & glue - black/white sand pattern	Wood/concrete	N	n/a
	NOTE		The hallway's substrate is mostly wood. The sections that run north/south are concrete.			
Floor	-		Two layers of wood underlayment. Thicknesses unknown	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 5'			
Wall	8		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 5'			
Ceiling	18		Plaster - rough finish	Metal Lath	Y	Y
	NOTE		Previously sampled by HMS 2016 - 2% CH			
Ceiling	49	49A	Acoustic ceiling tile 12" fissure PH pattern & black glue		N	n/a
Window Infill	31		Unfinished drywall - painted		N	n/a
Door	50		Fire door 90 minute (4)		Y	Y
	NOTE		Located where both hallways meet. Assumed, test prior to disturbance			

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14 Located Adjacent to 10A	<b>Room Name:</b> Women's Staff RR	<b>Rm Ft<sup>2</sup>:</b> 198
	<b>Room Dimensions:</b> L=22 W=9 H=8	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	21	21B	Ceramic tile & brown grout - 2" grey		N	n/a
BB			None			
Walls	22 NOTE		Ceramic tile & white grout - 4" lt grey Floor to ceiling.		N	n/a
Ceiling	8		Plaster - smooth finish		N	n/a
Door	50 NOTE		Fire door 90 minute Assumed, test prior to disturbance		Y	Y
NOTE			Attic Access			

<b>Building:</b> Main Building 1-14 Located Adjacent to 10A	<b>Room Name:</b> Boys' Student RR	<b>Rm Ft<sup>2</sup>:</b> 160
	<b>Room Dimensions:</b> L=20 W=8 H=8	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	21	21A	Ceramic tile & brown grout - 2" grey		N	n/a
BB			None			
Walls	22 NOTE		Ceramic tile & white grout - 4" lt grey Floor to ceiling.		N	n/a
Ceiling	8		Plaster - smooth finish		N	n/a
Door	50 NOTE		Fire door 90 minute Assumed, test prior to disturbance		Y	Y

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Building:** Main Building 1-14

**Room Name:** Attic above Staff RRs

Located Adjacent to 10A

Component	HMR #	Sample #	Material Description	Substrate	ACM	Friable
					Y/N	Y/N
Floor			Ceiling joists		n/a	n/a
BB			None		n/a	n/a
Walls	24		Unfinished drywall with tape & joint compound		N	n/a
Walls	-		Concrete - bare & exposed		n/a	n/a
Ceiling	3		Plaster - sanded finish		N	n/a

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# YES Environmental, Inc.

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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Building:</b> Main Building 1-14 Located adjacent to Kitchen						
<b>Room Name:</b> Hallway - adj to Kitchen <b>Rm Ft<sup>2</sup>:</b> 320 <b>Room Dimensions:</b> L=40      W=8      H=9/13						
Floor	51	51A	Floor tile & glue 12" dk blue oatmeal	ACM floor tile	N	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	41		Baseboard & glue - 3" black	Wood	N	n/a
BB	-		3" Wood	Plaster	n/a	n/a
Wall	8		Plaster - smooth finish		N	n/a
	NOTE		Up to 7'			
Wall	3		Plaster - sanded finish		N	n/a
	NOTE		from 7' to ceiling			
Ceiling	37	37A	Lay-in panels 2'x4' gouge pinhole	F/G batts	N	n/a
Ceiling	6	06C	Fiberglass batt insulation paper jacketed	Plaster #3	N	n/a
Ceiling	3		Plaster - sanded finish		N	n/a
Doors	50		Fire door 90 minute (2)		Y	Y
	NOTE		Assumed, test prior to disturbance			

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14 Located between MPR & Library	<b>Room Name:</b> Hallway - West of Library	<b>Rm Ft<sup>2</sup>:</b> 800
<b>Room Dimensions:</b> L=100    W=8    H=13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	52	52A	Floor tile & glue 12" grey/blue oatmeal	Floor tile #53	N	n/a
Floor	53	53A	Concealed light brown tile & black mastic	Concrete	Y	N
	NOTE		Floor tile = 4% CH, Black Mastic = 8% CH			
BB	12	12C	Baseboard & brown glue - 3" blue	Wood	N	n/a
BB	-		3" Wood	Plaster	n/a	n/a
Wall	8		Plaster - smooth finish		N	n/a
	NOTE		Up to 7'			
Wall	3		Plaster - sanded finish		N	n/a
	NOTE		from 7' to ceiling			
Ceiling	18		Plaster - rough finish	Metal Lath	Y	Y
	NOTE		Previously sampled by HMS 2016 - 2% CH			
Doors	50		Fire door 90 minute (2)		Y	Y
	NOTE		Assumed, test prior to disturbance			

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Main Building 1-14		Room Name:	Library	Rm Ft <sup>2</sup> :	960
		Room Dimensions:		L=40	W=24	H=13	
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N	
Floor	25	25B	Carpet & glue - blue w/white	Wood	N	n/a	
	NOTE		Covers approx. 80% of floor				
Floor	26		Sheet flooring & glue - grey mosaic pattern	Wood	N	n/a	
	NOTE		Covers approx. 10% of floor				
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a	
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N	
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND				
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a	
Floor	-		Wood diagonal sheathing	joists			
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a	
BB	-		3" Wood		n/a	n/a	
Wall	3		Plaster - sanded finish	wire mesh	N	n/a	
	NOTES		Most of the walls above 2-3'				
Wall	8		Plaster - smooth finish		N	n/a	
	NOTES		Most of the lower walls below 2-3'				
Counter Top	-		Formica	Wood	n/a	n/a	
Sink	-		Porcelain		n/a	n/a	
Ceiling	18		Plaster - rough finish	Metal Lath	Y	Y	
	NOTE		Previously sampled by HMS 2016 - 2% CH				
Window Infill	31		Unfinished drywall - painted	NOTE some window infills are plaster above doors.	N	n/a	
Unit Ventilator	44	44B	Pipe straight insulation - paper jacketed		N	n/a	

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14 & Library	<b>Room Name:</b> Attic Above Library
---	---------------------------------------

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	-		Wood ceiling joists		n/a	n/a
Floor	45		Blown-in insulation - pink fiberglass		N	n/a
Walls	-		Concrete - bare & exposed		n/a	n/a
Ceiling	-		Diagonal sheathing roof deck		n/a	n/a
Flue Pipes	15		Transite flue pipes - Known Asbestos Material		Y	N
	NOTE		Known material			
TSI	44		Pipe straight insulation - paper jacketed		N	n/a

RED=contains asbestos

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Main Building 1-14 Adjacent to Library		Room Name:	Music (16)	Rm Ft <sup>2</sup> :	960
		Room Dimensions:		L=40	W=24	H=13	
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N	
Floor	25		Carpet & glue - blue w/white	Wood	N	n/a	
	NOTE		Covers approx. 80% of floor				
Floor	26		Sheet flooring & glue - grey mosaic pattern	Wood	N	n/a	
	NOTE		Covers approx. 10% of floor				
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a	
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N	
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND				
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a	
Floor	-		Wood diagonal sheathing	joists			
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a	
BB	-		3" Wood		n/a	n/a	
Wall	3		Plaster - sanded finish	wire mesh	N	n/a	
	NOTES		Most of the walls above 2-3'				
Wall	8		Plaster - smooth finish		N	n/a	
	NOTES		Most of the lower walls below 2-3'				
Counter top	48	48C	Counter top material & glue - brown/cream mosaic pattern	Wood	Y	Y	
	NOTE		Counter top material=15% CH; glue=ND				
Sink	-		Porcelain		n/a	n/a	
Ceiling	18		Plaster - rough finish		Y	Y	
	NOTE		HMS Report 5.27.16 - 2% CH				
Window Infill	31		Unfinished drywall - painted	NOTE some window infills are plaster above doors.	N	n/a	
Unit Ventilator	44		Pipe straight insulation - paper jacketed		N	n/a	

RED=contains asbestos

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

## LIMITED SURVEY FOR FIRE ALARM PURPOSES ONLY

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> MPR Main Dining Room & Balcony Area
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Ceiling</b>	18		Plaster - rough finish		Y	Y
	NOTE		HMS Report 5.27.16 - 2% CH			
<b>Upper Walls</b>	18		Plaster - rough finish		Y	Y
	NOTE		HMS Report 5.27.16 - 2% CH			

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> MPR Kitchen & Associated Rooms
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Ceilings</b>	8		Plaster - smooth finish		No	n/a
<b>Walls</b>	8		Plaster - smooth finish		No	n/a

Abatement performed June 2023 removed all layers of flooring in the Kitchen and SE Storage Room down to the diagonal sheathing. The northern section of the Kitchen that has a concrete substrate had the flooring removed in it as well during the project. In the MPR building, the men's restroom had the flooring in the hallway and custodial room abated. The MPR Building's main dining room only had a 4'x4' section removed down to diagonal sheathing at the entry to the men's restroom.

RED=contains asbestos

BLACK=no asbestos detected or non-suspect

<b>Building:</b>	Main Building - 1-14	<b>Room Name:</b>	Exterior
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Ground	-		Earth		n/a	n/a
Ground	-		Concrete - bare & exposed		n/a	n/a
Walls	68	68A-I	Concrete with stucco sanded finish		N	n/a
Windows	69	69A-F	Exterior window putty		N	n/a
Walls	70	70A-B	Exterior brick & mortar		N	n/a
Roof	54	54A-C	White coating on foam on silver paint on rolled composition rfg & felts	Diagonal sheathing	Y	N
	NOTE		White foam=ND; Silver paint = 5% CH, Felts=20% CH			
Roof	15		Transite flue pipes (33) - Known asbestos material		Y	N
Roof	55	55A-C	Silver paint coated roof mastics (grey/black) - Silver paint = 5-8% CH; Mastic =ND		Y	Y
	NOTE		On components such as, but not limited to, roof jacks, conduit sleepers, roof vents, HVAC platforms, etc.			

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CR 17	CR 18	CR 19	Mechanical
			Custodial Rm



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Client: Bakersfield City School District

Site: Horace Mann ES

YES Project No.: 22YES-64

Date of Inspection: 11/8/2022

## Inspection Report

<b>Building:</b>	Buildings B, C, D & E (Rooms 17-27)	<b>Room Name:</b>	Classroom 17	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=10/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	61		Carpet & glue - black with white dots	black mastic	N	n/a
Floor	34	34B	Carpet & glue - blue/green/red/cream multi	black mastic	N	n/a
Floor	56		Black mastic	concrete	N	n/a
	NOTE		Previously sampled by HMS 2016. no asbestos detected			
BB	57		Baseboard & glue 4" blue		N	n/a
Walls	-		Plywood		n/a	n/a
Walls	58		Tackboard & glue - Assumed, test prior to disturbance	plywood walls	Y	N
Walls	43		Chalkboards - Assumed, test prior to disturbance		Y	N
Counters	59		Sheet finyl & brown mastic - green striped		N	n/a
Counters	60		Sheet vinyl & brown mastic - dark wood grain		N	n/a
Sink	-		Porcelain		n/a	n/a
Ceilings	62		Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a
Ceilings	63	63A	Fiberglass batt insulation paper jacketed	Wood slats	N	n/a
Ceilings	-		Wood slats	F/G batt	n/a	n/a
Ceilings	64	64A	Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a
TSI	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y
TSI	65		Pipe straight insulation - paper jacketed f/g		N	n/a
Window	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted			

RED=contains asbestos

BLACK=no asbestos detected or non-suspect





# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Buildings B, C, D & E (Rooms 17-27)	<b>Room Name:</b>	Classroom 18	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=10/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	61	61B	Carpet & glue - black with white dots	black mastic	N	n/a
	NOTE		At entrances only			
Floor	34		Carpet & glue - blue/green/red/cream multi	black mastic	N	n/a
Floor	56		Black mastic	concrete	N	n/a
	NOTE		Previously sampled by HMS 2016. no asbestos detected			
BB	57	57A	Baseboard & glue 4" blue		N	n/a
Walls	-		Plywood		n/a	n/a
Walls	58		Tackboard & glue	plywood walls	Y	N
	NOTE		Assumed, test prior to disturbance			
Walls	43		Chalkboards		Y	N
	NOTE		Assumed, test prior to disturbance			
Counters	59		Sheet finyl & brown mastic - green striped		N	n/a
Counters	60	60A	Sheet vinyl & brown mastic - dark wood grain		N	n/a
	NOTE		on angled counter			
Sink	-		Porcelain		n/a	n/a
Ceilings	62	62A	Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a
Ceilings	63		Fiberglass batt insulation paper jacketed	Wood slats	N	n/a
Ceilings	-		Wood slats	F/G batt	n/a	n/a
Ceilings	75	75A	fiberglass pipe insulation cloth jacketed	Diagonal sheathing	N	n/a
TSI	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y
TSI	65		Pipe straight insulation - paper jacketed f/g		N	n/a
	NOTE		Located above the original ceiling on the north side of the room			
Window	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Buildings B, C, D & E (Rooms 17-27)	<b>Room Name:</b>	Classroom 19	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=10/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	61		Carpet & glue - black with white dots	black mastic	N	n/a
	NOTE		At entrances only.			
Floor	34		Carpet & glue - blue/green/red/cream multi	black mastic	N	n/a
Floor	56		Black mastic	concrete	N	n/a
	NOTE		Previously sampled by HMS 2016. no asbestos detected			
BB	57		Baseboard & glue 4" blue		N	n/a
Walls	-		Plywood		n/a	n/a
Walls	58		Tackboard & glue	plywood walls	Y	N
	NOTE		Assumed, test prior to disturbance			
Walls	43		Chalkboards		Y	N
	NOTE		Assumed, test prior to disturbance			
Counters	59	59A	Sheet finyl & brown mastic - green striped		N	n/a
Counters	60		Sheet vinyl & brown mastic - dark wood grain		N	n/a
	NOTE		on angled counter			
Sink	-		Porcelain		n/a	n/a
Ceilings	62		Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a
Ceilings	63		Fiberglass batt insulation paper jacketed	Wood slats	N	n/a
Ceilings	-		Wood slats	F/G batt	n/a	n/a
Ceilings	64		Fiberglass batt insulation black paper jacketed	Diagonal sheathing	n/a	n/a
TSI	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y
TSI	75		fiberglass pipe insulation cloth jacketed		N	n/a
	NOTE		Located above the original ceiling on the north side of the room			
Window	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

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# YES Environmental, Inc.

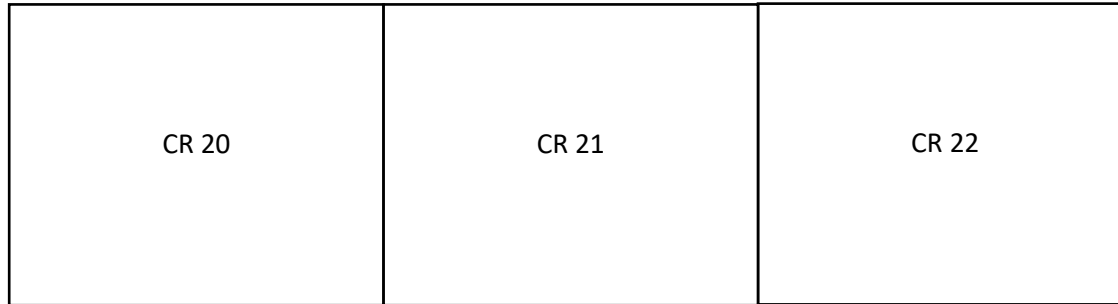
1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Buildings B, C, D & E (Rooms 17-27)		Room Name:		Custodial Room		Rm Ft <sup>2</sup> :	304
Adjacent to CR 19				Room Dimensions:		L=16	W=19	H=12	
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N			
Floor	-		Concrete - bare & exposed		N	n/a			
BB	-		Concrete - bare & exposed		N	n/a			
Walls	67	67A	Plaster - sanded finish		N	n/a			
Ceiling	67		Plaster - sanded finish		N	n/a			
Window	72		Transite Window Panel - Known Asbestos Material		Y	N			
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.						

Building:		Buildings B, C, D & E (Rooms 17-27)		Room Name:		Mechanical Room		Rm Ft <sup>2</sup> :	208
				Room Dimensions:		L=16	W=13	H=12	
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N			
Floor	-		Concrete - bare & exposed		n/a	n/a			
BB	-		Concrete - bare & exposed		n/a	n/a			
Walls	67		Plaster - sanded finish		N	n/a			
Ceiling	67		Plaster - sanded finish		N	n/a			
Pipes	65	A	Pipe straight insulation - paper jacketed f/g		N	n/a			
Pipes	75		Fiberglass pipe insulation cloth jacketed		N	n/a			
	NOTE		Most of the pipe insulation is covered with plastic jacketing						
Door	66	66A	Door insulation - white/chalky - 12% CH		Y	Y			
Window	72		Transite Window Panel - Known Asbestos Material - Known asbestos material		Y	N			
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.						

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Buildings B, C, D & E (Rooms 17-27)	<b>Room Name:</b>	Classroom 20	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=10/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	61		Carpet & glue - black with white dots	black mastic	N	n/a
	NOTE		At entrances only.			
Floor	34	34C	Carpet & glue - blue/green/red/cream multi	black mastic	N	n/a
Floor	56		Black mastic	concrete	N	n/a
	NOTE		Previously sampled by HMS 2016. no asbestos detected			
BB	57	57B	Baseboard & glue 4" blue		N	n/a
Walls	-		Plywood		n/a	n/a
Walls	58		Tackboard & glue	plywood walls	Y	N
	NOTE		Assumed, test prior to disturbance			
Walls	43		Chalkboards		Y	N
	NOTE		Assumed, test prior to disturbance			
Counters	59	59B	Sheet vinyl & brown mastic - green striped		N	n/a
Counters	60		Sheet vinyl & brown mastic - dark wood grain		N	n/a
	NOTE		on angled counter			
Sink	-		Porcelain		n/a	n/a
Ceilings	62		Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a
Ceilings	63		Fiberglass batt insulation paper jacketed	Wood slats	N	n/a
Ceilings	-		Wood slats	F/G batt	n/a	n/a
Ceilings	64		Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a
TSI	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y
TSI	75	75B	fiberglass pipe insulation cloth jacketed		N	n/a
	NOTE		Located above the original ceiling on the north side of the room			
Window	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

RED=contains asbestos

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Buildings B, C, D & E (Rooms 17-27)	<b>Room Name:</b>	Classroom 21	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=10/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	61	61A	Carpet & glue - black with white dots	black mastic	N	n/a
	NOTE		At entrances only.			
Floor	34		Carpet & glue - blue/green/red/cream multi	black mastic	N	n/a
Floor	56		Black mastic	concrete	N	n/a
	NOTE		Previously sampled by HMS 2016. no asbestos detected			
BB	57		Baseboard & glue 4" blue		N	n/a
Walls	-		Plywood		n/a	n/a
Walls	58		Tackboard & glue - Assumed, test prior to disturbance	plywood walls	Y	N
Walls	43		Chalkboards - Assumed, test prior to disturbance		Y	N
Counters	48	48B	Counter top material & glue - brown/cream mosaic pattern 15%	wood	Y	Y
Counters	71	71A	Sheet vinyl & brown mastic - pink wood grain		N	n/a
Counters	60	60B	Sheet vinyl & brown mastic - dark wood grain		N	n/a
Sink	-		Porcelain		n/a	n/a
Ceilings	62	62B	Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a
Ceilings	63		Fiberglass batt insulation paper jacketed	Wood slats	N	n/a
Ceilings	-		Wood slats	F/G batt	n/a	n/a
Ceilings	64		Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a
TSI	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y
TSI	75		Fiberglass pipe insulation cloth jacketed		N	n/a
	NOTE		Located above the original ceiling on the north side of the room			
Window	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

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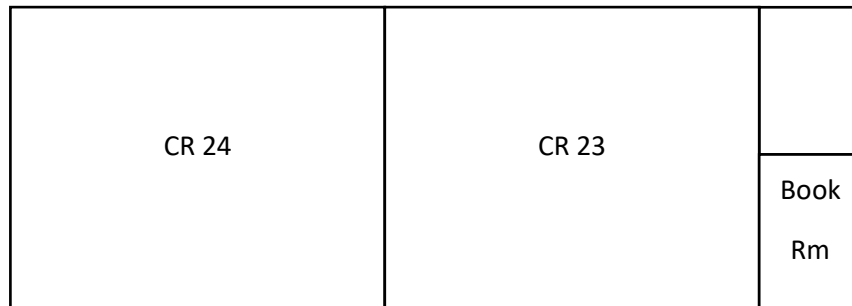
# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Building:</b>	Buildings B, C, D & E (Rooms 17-27)		<b>Room Name:</b>	Classroom 22	<b>Rm Ft<sup>2</sup>:</b>	1140
			<b>Room Dimensions:</b>	L=38 W=30 H=10/13		
<b>Floor</b>	61		Carpet & glue - black with white dots	black mastic	N	n/a
	NOTE		At entrances only.			
<b>Floor</b>	34		Carpet & glue - blue/green/red/cream multi	black mastic	N	n/a
<b>Floor</b>	56		Black mastic	concrete	N	n/a
	NOTE		Previously sampled by HMS 2016. no asbestos detected			
<b>BB</b>	57		Baseboard & glue 4" blue		N	n/a
<b>Walls</b>	-		Plywood		n/a	n/a
<b>Walls</b>	58		Tackboard & glue - Assumed, test prior to disturbance	plywood walls	Y	N
<b>Walls</b>	43		Chalkboards - Assumed, test prior to disturbance		Y	N
<b>Counters</b>	71		Sheet vinyl & brown mastic - pink wood grain		N	n/a
<b>Counters</b>	48		Counter top material & glue - brown/cream mosaic pattern	Wood	Y	Y
	NOTE		on angled counter. 15% Chrysotile			
<b>Sink</b>	-		Porcelain		n/a	n/a
<b>Ceilings</b>	62		Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a
<b>Ceilings</b>	63	63B	Fiberglass batt insulation paper jacketed	Wood slats	N	n/a
<b>Ceilings</b>	-		Wood slats	F/G batt	n/a	n/a
<b>Ceilings</b>	64	64B	Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a
<b>TSI</b>	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y
<b>TSI</b>	75		Fiberglass pipe insulation cloth jacketed		N	n/a
	NOTE		Located above the original ceiling on the north side of the room			
<b>Window</b>	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Buildings B, C, D & E (Rooms 17-27)	<b>Room Name:</b> Book Room	<b>Rm Ft<sup>2</sup>:</b> 112
Located adjacent to CR 23	<b>Room Dimensions:</b> L=14 W=8 H=12	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	-		Concrete - bare & exposed		n/a	n/a
BB	-		Concrete - bare & exposed		n/a	n/a
Walls	73	73A	Plaster - smooth finish		N	n/a
Ceiling	73		Plaster - smooth finish		N	n/a
Sink	-		Porcelain			

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Buildings B, C, D & E (Rooms 17-27)	<b>Room Name:</b>	Classroom 23	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=10/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	61		Carpet & glue - black with white dots	black mastic	N	n/a
	NOTE		At entrances only.			
Floor	34	34D	Carpet & glue - blue/green/red/cream multi	black mastic	N	n/a
Floor	56		Black mastic	concrete	N	n/a
	NOTE		Previously sampled by HMS 2016. no asbestos detected			
BB	57	57C	Baseboard & glue 4" blue		N	n/a
Walls	-		Plywood		n/a	n/a
Walls	58		Tackboard & glue	plywood walls	Y	N
	NOTE		Assumed, test prior to disturbance			
Walls	43		Chalkboards Assumed, test prior to disturbance		Y	N
Counters	71		Sheet vinyl & brown mastic - pink wood grain		N	n/a
Counters	78	78A	Sheet vinyl, black mastic & black felt - cream wood grain		N	n/a
	NOTE		on angled counter			
Sink	-		Porcelain		n/a	n/a
Ceilings	62	62C	Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a
Ceilings	63		Fiberglass batt insulation paper jacketed	Wood slats	N	n/a
Ceilings	-		Wood slats	F/G batt	n/a	n/a
Ceilings	64		Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a
TSI	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y
TSI	75		Fiberglass pipe insulation cloth jacketed		N	n/a
	NOTE		Located above the original ceiling on the north side of the room			
Window	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Buildings B, C, D & E (Rooms 17-27)		Room Name:		Classroom 24		Rm Ft <sup>2</sup> :		960
		Room Dimensions:		L=32	W=30	H=10/13				
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N				
Floor	61	61C	Carpet & glue - black with white dots	black mastic	N	n/a				
	NOTE		At entrances only.							
Floor	34		Carpet & glue - blue/green/red/cream multi	black mastic	N	n/a				
Floor	56		Black mastic	concrete	N	n/a				
	NOTE		Previously sampled by HMS 2016. no asbestos detected							
BB	57		Baseboard & glue 4" blue		N	n/a				
Walls	-		Plywood		n/a	n/a				
Walls	58		Tackboard & glue	plywood walls	Y	N				
	NOTE		Assumed, test prior to disturbance							
Walls	43		Chalkboards -Assumed, test prior to disturbance		Y	N				
Counters	71		Sheet vinyl & brown mastic - pink wood grain		N	n/a				
Counters	78		Sheet vinyl, black mastic & black felt - cream wood grain		N	n/a				
	NOTE		on angled counter							
Sink	-		Porcelain		n/a	n/a				
Ceilings	62		Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a				
Ceilings	63	63C	Fiberglass batt insulation paper jacketed	Wood slats	N	n/a				
Ceilings	-		Wood slats	F/G batt	n/a	n/a				
Ceilings	64	64C	Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a				
TSI	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y				
TSI	75	75C	Fiberglass pipe insulation cloth jacketed		N	n/a				
	NOTE		Located above the original ceiling on the north side of the room							
Window	72		Transite Window Panel - Known Asbestos Material		Y	N				
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.							

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CR 27	CR 26	CR 25	Girls RR
			Boys RR



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Buildings B, C, D & E (Rooms 17-27) Located east of CR 25	<b>Room Name:</b> Boys RR	<b>Rm Ft<sup>2</sup>:</b> 224
	<b>Room Dimensions:</b> L=14 W=16 H=13	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	79	79A	Ceramic floor tile grout - brown (1"x2" browns)	Concrete	N	n/a
BB			none			
Walls	80		Ceramic wall tile grout - white (4"x6" cream w/gold)	Plaster	N	n/a
Walls	73		Plaster - smooth finish		N	n/a
Ceiling	73		Plaster - smooth finish		N	n/a

<b>Window</b>	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

<b>Building:</b> Buildings B, C, D & E (Rooms 17-27) Located east of CR 25	<b>Room Name:</b> Girls RR	<b>Rm Ft<sup>2</sup>:</b> 224
	<b>Room Dimensions:</b> L=14 W=16 H=13	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	79		Ceramic floor tile grout - brown (1"x2" browns)	Concrete	N	n/a
BB			none			
Walls	80	80A	Ceramic wall tile grout - white (4"x6" cream w/gold)	Plaster	N	n/a
Walls	73	73B	Plaster - smooth finish		N	n/a
Ceiling	73		Plaster - smooth finish		N	n/a

<b>Window</b>	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Buildings B, C, D & E (Rooms 17-27)		Room Name:	Classroom 25		Rm Ft <sup>2</sup> :	960	
		Room Dimensions:		L=32	W=30	H=10/13			
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N			
Floor	61	61D	Carpet & glue - black with white dots	concrete	N	n/a			
	NOTE		At entrances only.						
Floor	34		Carpet & glue - blue/green/red/cream multi	concrete	N	n/a			
BB	57	57D	Baseboard & glue 4" blue		N	n/a			
Walls	-		Plywood		n/a	n/a			
Walls	58		Tackboard & glue	plywood walls	Y	N			
	NOTE		Assumed, test prior to disturbance						
Walls	43		Chalkboards		Y	N			
	NOTE		Assumed, test prior to disturbance						
Counters	71		Sheet vinyl & brown mastic - pink wood grain		N	n/a			
Counters	78	78B	Sheet vinyl, black mastic & black felt - cream wood grain		N	n/a			
	NOTE		on angled counter						
Sink	-		Porcelain		n/a	n/a			
Ceilings	62		Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a			
Ceilings	63		Fiberglass batt insulation paper jacketed	Wood slats	N	n/a			
Ceilings	-		Wood slats	F/G batt	n/a	n/a			
Ceilings	64		Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a			
TSI	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y			
TSI	75		fiberglass pipe insulation cloth jacketed		N	n/a			
	NOTE		Located above the original ceiling on the north side of the room						
Window	72		Transite Window Panel - Known Asbestos Material		Y	N			
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.						

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Building:		Buildings B, C, D & E (Rooms 17-27)		Room Name:	Classroom 26		Rm Ft <sup>2</sup> :	960	
		Room Dimensions:		L=32	W=30	H=10/13			
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N			
Floor	61		Carpet & glue - black with white dots	concrete	N	n/a			
	NOTE		At entrances only.						
Floor	34	34E	Carpet & glue - blue/green/red/cream multi	concrete	N	n/a			
BB	57		Baseboard & glue 4" blue		N	n/a			
Walls	-		Plywood		n/a	n/a			
Walls	58		Tackboard & glue	plywood walls	Y	N			
	NOTE		Assumed, test prior to disturbance						
Walls	43		Chalkboards		Y	N			
	NOTE		Assumed, test prior to disturbance						
Counters	71		Sheet vinyl & brown mastic - pink wood grain		N	n/a			
Counters	78		Sheet vinyl, black mastic & black felt - cream wood grain		N	n/a			
	NOTE		on angled counter						
Sink	-		Porcelain		n/a	n/a			
Ceilings	62	62D	Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a			
Ceilings	63	63D	Fiberglass batt insulation paper jacketed	Wood slats	N	n/a			
Ceilings	-		Wood slats	F/G batt	n/a	n/a			
Ceilings	64	64D	Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a			
TSI	81	A	Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y			
TSI	75		Fiberglass pipe insulation cloth jacketed		N	n/a			
	NOTE		Located above the original ceiling on the north side of the room						
Window	72		Transite Window Panel - Known Asbestos Material		Y	N			
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.						

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Building:		Buildings B, C, D & E (Rooms 17-27)		Room Name:	Classroom 27		Rm Ft <sup>2</sup> :	960	
		Room Dimensions:		L=32	W=30	H=10/13			
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N			
Floor	61		Carpet & glue - black with white dots	concrete	N	n/a			
	NOTE		At entrances only.						
Floor	34		Carpet & glue - blue/green/red/cream multi	concrete	N	n/a			
BB	57		Baseboard & glue 4" blue		N	n/a			
Walls	-		Plywood		n/a	n/a			
Walls	58		Tackboard & glue	plywood walls	Y	N			
	NOTE		Assumed, test prior to disturbance						
Walls	43		Chalkboards		Y	N			
	NOTE		Assumed, test prior to disturbance						
Counters	71	71B	Sheet vinyl & brown mastic - pink wood grain		N	n/a			
Counters	78		Sheet vinyl, black mastic & black felt - cream wood grain		N	n/a			
	NOTE		on angled counter						
Sink	-		Porcelain		n/a	n/a			
Ceilings	62		Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a			
Ceilings	63		Fiberglass batt insulation paper jacketed	Wood slats	N	n/a			
Ceilings	-		Wood slats	F/G batt	n/a	n/a			
Ceilings	64		Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a			
TSI	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y			
TSI	75		Fiberglass pipe insulation cloth jacketed		N	n/a			
	NOTE		Located above the original ceiling on the north side of the room						
Window	72		Transite Window Panel - Known Asbestos Material		Y	N			
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.						

RED=contains asbestos

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<b>Building:</b> Classrooms 17-27	<b>Room Name:</b> Exterior
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Ground					n/a	n/a
Ground					n/a	n/a
<b>Walls</b>						
<b>Windows</b>	74	74A-G	Exterior window putty		Y	Y
	NOTE		2% - 7% CH			
<b>Windows</b>	72		Transite window panel (known to contain asbestos)		Y	N
	NOTE		These are window infills on the upper window. Noted on both interiors & exterior.			
<b>Walls</b>	76	76A-H	Exterior stucco & vapor barrier		N	n/a
<b>Eaves</b>	76	76A-H	Exterior stucco & vapor barrier		N	n/a
<b>Roof</b>	83	83A-D	White coating on foam on silver paint on shingled roofing & felts		Y	N
	NOTE		Silver paint = 2% CH		Y	N
<b>Roof</b>	84	84A-D	White coating on foam on silver paint on shingled roofing & felts		Y	N
	NOTE		Silver paint = 2% CH			
<b>Roof</b>	85	85A-B	White coating on foam on silver paint on rolled comp roofing & felts		Y	N
	NOTE		Silver paint = 2% CH, Felt = 20% CH			
<b>Roof</b>	82	82A-D	Foamed over mastic - black/grey on silver paint		Y	N
	NOTE		Foame=ND: Silver paint = 2% CH, Mastic = 5% CH			
<b>Pipe</b>	91		Transite Pipe 18"		Y	N
	NOTE		Known asbestos material. From the roof where it is exposed, it goes down into the building.			

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Client: Bakersfield City School District

Site: Horace Mann ES

YES Project No.: 22YES-64

Date of Inspection: 11/8/2022

## Inspection Report

<b>Building:</b>	Rooms 28-29	<b>Room Name:</b>	Classroom 28
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	92	92A	Drywall, orangepeel texture			
Ceiling	93	93A	Lay-in panels 2'x4' large fissure pinhole	f/g batt insulation		
Ceiling	94	94A	Fiberglass batt insulation paper jacketed			

Walls in this building were limited to the materials above the ceiling in accordance with BCSD plans for fire alarm system upgrade.

<b>Building:</b>	Rooms 28-29	<b>Room Name:</b>	Classroom 29
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	92	92B	Drywall, orangepeel texture			
Ceiling	93		Lay-in panels 2'x4' large fissure pinhole	f/g batt insulation		
Ceiling	94		Fiberglass batt insulation paper jacketed			

Walls in this building were limited to the materials above the ceiling in accordance with BCSD plans for fire alarm system upgrade.

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Client:** Bakersfield City School District  
**Site:** Horace Mann ES

**YES Project No.:** 22YES-64  
**Date of Inspection:** 11/8/2022

## Inspection Report

<b>Building:</b> Chiller Yard	<b>Room Name:</b> Chiller Yard
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Ground</b>	-		Concrete - bare & exposed		n/a	n/a
<b>Walls</b>	-		CMU		n/a	n/a
<b>Pipes</b>	86	86A-B	Pipe insulation paper/foil jacketed		N	n/a
	NOTE		all concealed behind metal jacketing			
<b>Valves</b>	87	87A	Mastic - black/grey		N	n/a
<b>Booster</b>	88	88A	Mudded end		N	n/a
<b>Pump Only</b>						
<b>Debris Pile</b>	90	A	Insulation blanket - cloth jacketed		N	n/a

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**Building:** Covered Walkway - North **Room Name:** Walkway  
 Runs north to south between 23-27

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Roof	85	85B	White coating on foam on silver paint on rolled comp roofing & felts	Wood	Y	N
	NOTE		White foam=ND; Silver paint=2% CH; Felts 20% CH			
Roof	82	A-D	Mastic - black/grey on silver paint		Y	N
	NOTE		White foam=ND; Silver paint 2% CH; Mastic=5% CH			

**Building:** Covered Walkway - South **Room Name:** Walkway  
 Runs north to south between 17-22

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Roof	85	85A	White coating on foam on silver paint on rolled comp roofing & felts	Wood	Y	N
	NOTE		White foam=ND; Silver paint=2% CH; Felts 20% CH			
Roof	82	A-D	Mastic - black/grey on silver paint		Y	N
	NOTE		White foam=ND; Silver paint 2% CH; Mastic=5% CH			

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11/8/2022

## Inspection Report

**Building:** Admin

**Room Name:** Representative of ceilings throughout

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	111	111A	Unfinished drywall with tackboard glue		N	n/a
Ceiling	112	112A	Lay-in panels 2'x4' fiberglass w/OP pattern		N	n/a

**Inspection limited to ceilings and walls above the ceilings in these buildings for fire alarm work in accordance with BCSD plans.**

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Client:** Bakersfield City School District  
**Site:** Horace Mann ES

**YES Project No.:** 22YES-64  
**Date of Inspection:** 11/8/2022

## Inspection Report

<b>Building:</b> Bungalows R2-R4	<b>Room Name:</b> Representative of ceilings throughout
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Ceiling	95	95A	Acoustic ceiling tile - 12" uniform hole (nailed)			

**Inspection limited to ceilings in this building for fire alarm work in accordance with BCSD plans.**

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11/8/2022

## Inspection Report

**Building:** Portable Classrooms B1-B2      **Room Name:** Representative of ceilings throughout

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	96	96A	Unfinished drywall with tackboard glue			
Ceiling	97	97A	Lay-in panels 2'x4' fiberglass w/OP pattern		N	n/a

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**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11/8/2022

## Inspection Report

**Building:** Bungalows B3-B4

**Room Name:** Representative of ceilings throughout

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Ceiling	95		Acoustic ceiling tile - 12" uniform hole (nailed)		N	n/a

**Inspection limited to ceilings in this building for fire alarm work in accordance with BCSD plans.**

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11/8/2022

## Inspection Report

**Building:** Portable Classrooms B5-B7 **Room Name:** Representative of ceilings throughout

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	98	98A	Unfinished drywall with tackboard glue			
Ceiling	99	99A	Lay-in panels 2'x4' fiberglass w/OP pattern		N	n/a

**Inspection limited to ceilings and walls above the ceilings in these buildings for fire alarm work in accordance with BCSD plans.**

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**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11/8/2022

## Inspection Report

**Building:** Portable Restroom (R9)

**Room Name:** Representative of ceilings throughout

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	101	101A	Unfinished drywall with FRP glue			
Ceiling	100	100A	Lay-in panels 2'x4' drywall vinyl jacketed		N	n/a

**Inspection limited to ceilings and walls above the ceilings in these buildings for fire alarm work in accordance with BCSD plans.**

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1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11/8/2022

## Inspection Report

**Building:** Portable Classrooms B9-B14

**Room Name:** Representative of ceilings throughout

Component	HMR #	Sample #	Material Description	Substrate	ACM	Friable
					Y/N	Y/N
Walls	107	107A	Unfinished drywall with tackboard glue		N	n/a
Ceiling	108	108A	Lay-in panels 2'x4' fissure pinhole		N	n/a

**Inspection limited to ceilings and walls above the ceilings in these buildings for fire alarm work in accordance with BCSD plans.**

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1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11/8/2022

## Inspection Report

**Building:** Portable Classrooms B15-B20

**Room Name:** Representative of ceilings throughout

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	104	104A	Exterior black vapor barrier			
Walls	103	103A	Unfinished drywall with tackboard glue			
Ceiling	102	102A	Lay-in panels 2'x4' fissure pinhole		N	n/a

**Inspection limited to ceilings and walls above the ceilings in these buildings for fire alarm work in accordance with BCSD plans.**

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11/8/2022

## Inspection Report

**Building:** Portable Classrooms B21-B23

**Room Name:** Representative of ceilings throughout

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	105	105A	Unfinished drywall with tackboard glue			
Ceiling	106	106A	Lay-in panels 2'x4' fissure pinhole		N	n/a

**Inspection limited to ceilings and walls above the ceilings in these buildings for fire alarm work in accordance with BCSD plans.**

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11/8/2022

## Inspection Report

<b>Building:</b>	Portable Building R25 (Conference Room)	<b>Room Name:</b>	Representative of ceilings throughout
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	109	109A	Unfinished drywall with tackboard glue			
Ceiling	110	110A	Lay-in panels 2'x4' fissure pinhole		N	n/a

**Inspection limited to ceilings and walls above the ceilings in these buildings for fire alarm work in accordance with BCSD plans.**

RED=contains asbestos

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# YES Environmental, Inc.

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**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11/8/2022

## Inspection Report

**Building:** Building F (Restroom Building)

**Room Name:** Representative of ceilings throughout

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Ceiling	8		Plaster - smooth		N	n/a

**Inspection limited to ceilings and walls above the ceilings in these buildings for fire alarm work in accordance with BCSD plans.**

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



Attachment B – Lead XRF Inspection, CDPH 8552 & Maps





# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

## CLIENT DEFINED SURVEY FOR LEAD BASED PAINT

**Client:** Bakersfield City School District

**Site:** Horace Mann Elementary School

**YES, Inc. Project Number:** 22YES-64

**NITON Serial #:** 105041 **Model #:** XLp 300A

Date	12-07-2022	Start Time	2:30 pm	Beginning Calibration	1.04 =	0.90	1.04 =	1.10	1.04 =	1.10	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	12-07-2022	End Time	6:30 pm	Ending Calibration	1.04 =	1.10	1.04 =	0.90	1.04 =	0.90	

NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>WEST MAIN BUILDING - INTERIOR</b>							
1.	CR 14 – WEST SIDE	PONY WALL	WOOD	GREY	FAIR	0.21	LCP
2.	CR 14 – SOUTH SIDE	DOOR	WOOD	GREY	FAIR	0.00	LCP
3.	CR 14 – SOUTH SIDE	DOOR JAMB	WOOD	GREY	FAIR	0.80	LCP
4.	CR 14 – SOUTH SIDE	DOOR STOP	WOOD	GREY	FAIR	0.60	LCP
5.	CR 14 – NORTH SIDE	CABINET DOOR	WOOD	GREY	FAIR	0.22	LCP
6.	CR 14 – NORTH SIDE	CABINET	WOOD	GREY	FAIR	1.90	LBP
7.	CR 14 – NORTH SIDE EAST END	DOOR	WOOD	LT GREEN	FAIR	0.13	LCP
8.	CR 13 – SOUTH WALL WEST END	WALL	PLASTER	CREAM	FAIR	0.02	LCP
9.	CR 13 – SOUTH SIDE	WINDOW SILL	WOOD	GREY	FAIR	0.00	LCP
10.	CR 13 – SOUTH SIDE EAST END	WINDOW FRAME	WOOD	GREY	FAIR	0.00	LCP
11.	CR 13 – NORTH SIDE	CHALKBOARD FRAME	WOOD	GREY	INTACT	0.40	LCP
12.	CR 13 – WEST SIDE	WALL	WOOD	CREAM	INTACT	0.00	LCP



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>WEST MAIN BUILDING – INTERIOR CONTINUED</b>							
13.	CR 13 – NORTH SIDE	DOOR TRANSOM	DRYWALL	GREY	INTACT	0.00	LCP
14.	CR 12 – WEST SIDE	LOWER WALL	SMOOTH PLASTER	GREY	INTACT	0.00	LCP
15.	CR 12 – SOUTH SIDE	LOWER WALL	SMOOTH PASTER	CREAM	INTACT	0.00	LCP
16.	CR 12 – SOUTH SIDE	UPPER WALL	ROUGH PLASTER	CREAM	INTACT	0.00	LCP
17.	CR 12 – WEST SIDE	PONY WALL	WOOD	GREY	INTACT	0.09	LCP
18.	CR 12 – SOUTH SIDE	CHALKBOARD TRAY	WOOD	GREY	INTACT	0.24	LCP
19.	CR 12 – NORTH SIDE	VERTICAL SQUARE COLUMN	WOOD	GREY	INTACT	0.40	LCP
20.	CR 11 – NORTH SIDE	DOOR	WOOD	GREY	INTACT	0.00	LCP
21.	CR 11 – SOUTH SIDE	VERTICAL CHASE	METAL	CREAM	INTACT	0.00	LCP
22.	CR 11 – NORTH SIDE	BASEBOARD	WOOD	CREAM	FAIR	0.40	LCP
23.	CR 11 – NORTH SIDE	LOWER WALL	SMOOTH PLASTER	CREAM	INTACT	0.18	LCP
24.	CR 11 – SOUTH SIDE	COUNTER TOP	WOOD	VARNISH	FAIR	0.06	LCP
25.	CR 10 – SOUTH SIDE	DOOR JAMB	WOOD	GREY	FAIR	1.40	LBP
26.	CR 10 – SOUTH SIDE	DOOR TRIM	WOOD	GREY	FAIR	0.30	LCP



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>WEST MAIN BUILDING – INTERIOR CONTINUED</b>							
27.	CR 10 – NORTH SIDE	DOOR	WOOD	LT GREEN	FAIR	0.26	LCP
28.	CR 10 – NORTH SIDE	DOOR JAMB	WOOD	GREY	FAIR	0.40	LCP
29.	CR 10 – NORTH SIDE	CABINET	WOOD	GREY	FAIR	0.23	LCP
30.	CR 10 – NORTH SIDE	WALL	SANDED PLASTER	CREAM	INTACT	0.04	LCP
31.	CR 10 – NORTH SIDE	WINDOW SILL	WOOD	GREY	INTACT	0.17	LCP
32.	CR 10 – NORTH SIDE	WINDOW	WOOD	GREY	INTACT	2.40	LBP
33.	CR 9 – SOUTH SIDE	WINDOW SKIRT	WOOD	GREY	INTACT	0.00	LCP
34.	ROOM 10A – WEST SIDE	WALL	SMOOTH PLASTER	CREAM	FAIR	0.50	LCP
35.	WEST HALLWAY AT ROOM 10A	LOWER WALL	SMOOTH PLASTER	CREAM	INTACT	0.21	LCP
36.	WEST HALLWAY AT ROOM 9	MID-WALL CHAIR RAIL	WOOD	CREAM	INTACT	0.28	LCP
37.	WEST HALLWAY NORTH SIDE BETWEEN 12 & 10	FIRE EXTINGUISHER CABINET	METAL	CREAM	INTACT	0.11	LCP
38.	WEST HALLWAY AT CR 11	DOOR FRAME	WOOD	GREY	FAIR	0.17	LCP
39.	WEST HALLWAY – SOUTH SIDE BETWEEN 24 & 12	WALL	SANDED PLASTER	CREAM	FAIR	0.23	LCP



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<b>WEST MAIN BUILDING – INTERIOR CONTINUED</b>							
40.	WEST HALLWAY – WEST SIDE	DOUBLE DOORS	WOOD	LT GREEN	INTACT	0.21	LCP
41.	WOMEN’S RR – NORTH SIDE	WALL	CERAMIC TILE	LT GREY	INTACT	8.30	LBP
42.	WOMEN’S RR – CENTER	FLOOR	CERAMIC TILE	GREY	FAIR	0.00	LCP
43.	WOMEN’S RR – NE AREA	CABINET	WOOD	GREY	FAIR	0.20	LCP
44.	WOMEN’S RR – CENTER	CEILING	SMOOTH PLASTER	CREAM	INTACT	0.00	LCP
45.	WOMEN’S RR – AT ENTRY	DOOR FRAME	METAL	GREY	FAIR	0.00	LCP
<b>WEST MAIN BUILDING – EXTERIOR</b>							
46.	SOUTH SIDE CENTER	PONY WALL	CONCRETE	GREEN	INTACT	0.00	LCP
47.	SOUTH SIDE WEST END	LOUVER	METAL	CREAM	FAIR	0.00	LCP
48.	SOUTH SIDE WEST END	LOUVER FRAME	WOOD	CREAM	FAIR	0.00	LCP
49.	SOUTH SIDE CENTER	WINDOW TRIM	WOOD	CREAM	FAIR	0.00	LCP
50.	NORTH SIDE NEAR CR 14	WINDOW	WOOD	CREAM	FAIR	4.70	LBP
51.	NORTH SIDE NEAR CR 12	WINDOW SILL	WOOD	CREAM	FAIR	2.90	LBP
52.	NORTH SIDE NEAR CR 10	WINDOW SILL	CONCRETE	CREAM	INTACT	0.06	LCP
53.	NORTH SIDE AT CR 14	DOOR	WOOD	LT GREEN	FAIR	5.40	LBP



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<b>WEST MAIN BUILDING – EXTERIOR CONTINUED</b>							
54.	NORTH SIDE AT CR 14	DOOR FRAME	WOOD	LT GREEN	FAIR	4.30	LBP
55.	NORTH SIDE NEAR CR 10	WALL	STUCCO	CREAM	INTACT	0.01	LCP
56.	NORTH SIDE NEAR CR 10	WALL	STUCCO	GREEN	INTACT	0.00	LCP
57.	SOUTH SIDE AT CR 9	WALL	STUCCO	ORANGE	INTACT	0.00	LCP
58.	SOUTH SIDE AT CR 9	WALL INFILL	CONCRETE	CREAM	INTACT	0.00	LCP
59.	SOUTH SIDE AT CR 9	DOWN SPOUT	METAL	CREAM	FAIR	0.05	LCP
60.	SOUTH SIDE AT CENTER DOUBLE DOOR WAY	DOOR	METAL	GREY	INTACT	0.00	LCP
61.	SOUTH SIDE AT CENTER DOUBLE DOOR WAY	DOOR FRAME	METAL	GREY	INTACT	0.00	LCP
62.	SOUTH SIDE AT CENTER DOUBLE DOORWAY	DOOR TRANSOM	WOOD	LT GREEN	INTACT	0.02	LCP
63.	SOUTH SIDE CENTER	WINDOW TRIM	STUCCO	BLACK	INTACT	0.30	LCP
<b>EAST MAIN BUILDING - INTERIOR</b>							
64.	EAST HALLWAY – SOUTH SIDE NEAR CR 8	BASEBOARD	WOOD	CREAM	FAIR	2.00	LBP
65.	EAST HALLWAY NEAR CR 7	UPPER WALL	SANDED PLASTER	CREAM	INTACT	1.40	LBP
66.	EAST HALLWAY SOUTH SIDE BETWEEN CR 8 & EAST OFFICE	LOWER WALL	SMOOTH PLASTER	CREAM	INTACT	4.30	LBP



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<b>EAST MAIN BUILDING – INTERIOR CONTINUED</b>							
67.	EAST HALLWAY NORTH SIDE BETWEEN CR 4&5	LOWER WALL	SMOOTH PLASTER	CREAM	INTACT	3.60	LBP
68.	EAST HALLWAY SOUTH SIDE BETWEEN 3 & WEST ADJ OFFICE	UPPER WALL	SANDED PLASTER	CREAM	INTACT	5.70	LBP
69.	EAST HALLWAY SOUTH SIDE AT HR OFFICE	BASEBOARD	WOOD	CREAM	FAIR	2.70	LBP
70.	EAST HALLWAY – SOUTH SIDE AT SOUTH DOUBLE DOORS	DOUBLE DOOR	WOOD	LT GREEN	INTACT	0.18	LCP
71.	EAST HALLWAY – SOUTH SIDE AT SOUTH DOUBLE DOORS	DOOR INFILL	WOOD	LT GREEN	INTACT	0.00	LCP
72.	EAST HALLWAY – AT SOUTH DOUBLE DOORS	DOOR FRAME	WOOD	LT GREEN	FAIR	10.70	LBP
73.	EAST HALLWAY – AT SOUTH DOUBLE DOORS	DOOR STOP	WOOD	GREY	INTACT	2.20	LBP
74.	EAST HALLWAY AT HR OFFICE	DOOR TRANSOM	DRYWALL	GREY	INTACT	0.00	LCP
75.	EAST HALLWAY NORTH SIDE BETWEEN CR 4 & 5	WINDOW INFILL	DRYWALL	CREAM	INTACT	0.00	LCP
76.	EAST HALLWAY – FAR EAST DOOR WAY	WINDOW	WOOD	GREY	INTACT	2.60	LBP
77.	CR 8 – EAST SIDE	CABINET DOOR	WOOD	GREY	FAIR	0.14	LCP
78.	CR 8 – SOUTH SIDE	CABINET	WOOD	GREY	FAIR	0.07	LCP
79.	CR 8 – SOUTH SIDE	WINDOW SILL	WOOD	GREY	INTACT	0.00	LCP



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<b>EAST MAIN BUILDING – INTERIOR CONTINUED</b>							
80.	CR 7 – NORTH SIDE	DOOR FRAME	WOOD	GREY	FAIR	3.70	LBP
81.	CR 7 – NORTH SIDE	DOOR	WOOD	LT GREEN	FAIR	0.00	LCP
82.	CR 7 – NORTH SIDE	WINDOW	WOOD	GREY	INTACT	3.90	LBP
83.	CR 7 – EAST SIDE	CABINET	WOOD	GREY	FAIR	0.03	LCP
84.	CR 7 – EAST SIDE	UPPER WALL	WOOD	CREAM	INTACT	0.07	LCP
85.	CR 7 – EAST SIDE	CABINET TRIM	WOOD	GREY	INTACT	0.20	LCP
86.	ACADEMIC COACH OFFICE – CENTER	CEILING TILE 2'X4'	PRESSED BOARD	WHITE	INTACT	0.00	LCP
87.	ACADEMIC COACH OFFICE – CENTER	CEILING GRID	METAL	WHITE	INTACT	0.00	LCP
88.	ACADEMIC COACH OFFICE – CENTER	CEILING TILE 12"	PRESSED BOARD	WHITE	INTACT	0.00	LCP
89.	ACADEMIC COACH OFFICE – SOUTH SIDE	WALL	SANDED PLASTER	CREAM	INTACT	0.07	LCP
90.	AC NW RESTROOM – SINK	SINK	PORCELAIN	WHITE	INTACT	0.00	LCP
91.	AC NW RESTROOM – WEST SIDE	BASEBOARD	WOOD	CREAM	INTACT	3.00	LBP
92.	AC NW RESTROOM – EAST SIDE	UPPER WALL	SANDED PLASTER	CREAM	INTACT	0.24	LCP
93.	AC NW RESTROOM – WEST SIDE	LOWER WALL	SMOOTH PLASTER	CREAM	INTACT	0.21	LCP



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<b>EAST MAIN BUILDING – INTERIOR CONTINUED</b>							
94.	SUPPLY RM (ADJ. TO CR 3) – EAST SIDE	SHELF	WOOD	GREY	INTACT	0.10	LCP
95.	SUPPLY RM (ADJ. TO CR 3) – SOUTH SIDE	WINDOW SKIRT	WOOD	GREY	INTACT	0.00	LCP
96.	SUPPLY RM (ADJ. TO CR 3) – SOUTH SIDE	WINDOW SILL	WOOD	GREY	INTACT	0.00	LCP
97.	SUPPLY RM (ADJ. TO CR 3) – WEST SIDE	WALL	WOOD	GREY	INTACT	0.27	LCP
98.	HR SE RR – NORTH SIDE	LOWER WALL	SMOOTH PLASTER	GREY	INTACT	3.90	LBP
99.	HR SE RR – NORTH SIDE	UPPER WALL	SANDED PLASTER	GREY	INTACT	3.00	LBP
100.	HR SE RR – NORTH SIDE	SHELF	WOOD	GREY	INTACT	0.07	LCP
101.	HR SE RR – AT ENTRY	DOOR	WOOD	GREY	INTACT	2.80	LBP
102.	HR NE SUPPLY ROOM – NORTH SIDE	SHELF	WOOD	LT GREEN	FAIR	0.04	LCP
103.	CR 5 – SOUTH SIDE	WINDOW INFILL	DRYWALL	CREAM	INTACT	0.00	LCP
104.	CR 5 – SOUTH SIDE	WINDOW INFILL TRIM	WOOD	CREAM	INTACT	3.30	LBP
105.	CR 5 – SOUTH SIDE	DOOR	WOOD	GREY	FAIR	0.00	LCP
106.	GIRLS RR (ADJ. TO CR 4) – CENTER	CEILING	PLASTER	CREAM	INTACT	0.00	LCP





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<b>EAST MAIN BUILDING – INTERIOR CONTINUED</b>							
107	GIRLS RR (ADJ. TO CR 4) EAST SIDE	WALL	CERAMIC TILE	LT BLUE	INTACT	7.20	LBP
108	GIRLS RR (ADJ. TO CR 4) CENTER	FLOOR	CERAMIC TILE	GREY	INTACT	0.00	LCP
109	GIRLS RR (ADJ. TO CR 4) AT ENTRY	DOOR FRAME	METAL	GREY	FAIR	0.01	LCP
110	GIRLS RR (ADJ. TO CR 4) EAST SIDE	SINK	PORCELAIN	WHITE	INTACT	0.08	LCP
111	GIRLS RR (ADJ. TO CR 4) AT ENTRY	DOOR	WOOD	GREY	FAIR	0.00	LCP
112	CR 1 – SOUTH SIDE	WALL	SANDED PLASTER	CREAM	INTACT	0.18	LCP
113	CR 1 – WEST SIDE	CHALKBOARD TRAY	WOOD	CREAM	INTACT	0.30	LCP
114	CR 1 – NE DOORWAY	DOOR	WOOD	LT GREEN	FAIR	0.00	LCP
115	CR 1 – NE ENTRY	DOOR FRAME	WOOD	GREY	FAIR	0.15	LCP
116	CR 1 – EAST SIDE	WINDOW SILL	WOOD	GREY	FAIR	0.70	LCP
117	CR 1 – EAST SIDE	WINDOW	WOOD	GREY	FAIR	0.70	LCP
118	CR 1 – EAST SIDE	WINDOW FRAME	WOOD	GREY	FAIR	0.70	LCP
119	CR 1 RR FOYER – SOUTH SIDE	LOWER WALL	SMOOTH PLASTER	CREAM	INTACT	1.60	LBP
120	CR 1 RR FOYER – WEST SIDE	MID WALL CHAIR RAIL	WOOD	CREAM	INTACT	0.90	LCP



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<b>EAST MAIN BUILDING – INTERIOR CONTINUED</b>							
121	CR 1 RR FOYER – DOORWAY BETWEEN FOYER & CLASSROOM	DOOR FRAME	WOOD	GREY	FAIR	0.80	LCP
122	CR 1 BOYS RR – AT SINK	SINK	PORCELAIN	WHITE	INTACT	0.01	LCP
123	CR 2 – NORTH SIDE	CABINET	WOOD	GREY	FAIR	0.21	LCP
124	CR 2 – NORTH SIDE	CABINET DOOR	WOOD	GREY	FAIR	0.18	LCP
125	CR 2 – CENTER	CEILING TILE 2'X4'	PRESSED BOARD	WHITE	INTACT	0.00	LCP
126	CR 2 – CENTER	CEILING GRID	METAL	WHITE	INTACT	0.00	LCP
127	LIBRARY – EAST SIDE	LOWER WALL	SMOOTH PLASTER	CREAM	INTACT	0.40	LCP
128	LIBRARY – EAST SIDE	WINDOW SILL	WOOD	GREY	POOR	2.80	LBP
129	LIBRARY – EAST SIDE	WINDOW	WOOD	GREY	POOR	2.30	LBP
130	LIBRARY – NW AREA	CABINET	WOOD	LT GREY	INTACT	0.00	LCP
131	LIBRARY – EAST SIDE	CABINET	WOOD	DK BLUE	FAIR	1.30	LBP
<b>EAST MAIN BUILDING – EXTERIOR</b>							
132	CR 5 – NORTH SIDE	LOUVER	METAL	CREAM	FAIR	0.00	LCP
133	CR 5 – NORTH SIDE	LOUVER FRAME	WOOD	CREAM	FAIR	0.00	LCP



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<b>EAST MAIN BUILDING – EXTERIOR CONTINUED</b>							
134	CR 6 – NORTH SIDE CENTER	UPPER ATTIC VENT	METAL	CREAM	INTACT	0.21	LCP
135	C 7 – CENTER	SHROUD	METAL	CREAM	FAIR	0.00	LCP
136	CR 7 – CENTER	WINDOW SILL	CONCRETE	CREAM	FAIR	0.40	LCP
137	SOUTH SIDE NEAR CR 2	HANDRAIL	METAL	GREEN	FAIR	0.01	LCP
138	CR 1 – AT WEST DOOR	DOOR	WOOD	LT GREEN	INTACT	24.10	LBP
139	CR 1 – WEST SIDE	WALL	STUCCO	CREAM	INTACT	0.14	LCP
140	CR 1 – AT WEST DOOR	DOOR FRAME	WOOD	LT GREEN	INTACT	0.22	LCP
141	CR 4 – NORTH SIDE CENTER	WINDOW	WOOD	CREAM	FAIR	17.80	LBP
142	CR 4 – NORTH SIDE CENTER	WINDOW SILL	WOOD	CREAM	FAIR	0.10	LCP
143	CR 5 – NORTH SIDE CENTER	WALL	STUCCO	ORANGE	INTACT	0.24	LCP
<b>BUILDING D – INTERIOR (17-19)</b>							
144	CR 17 – WEST SIDE	CABINET DOOR	WOOD	GREY	INTACT	0.40	LCP
145	CR 17 – WEST SIDE	CABINET	WOOD	GREY	INTACT	0.20	LCP
146	CR 17 – NORTH SIDE	SINK	PORCELAIN	WHITE	INTACT	8.40	LBP
147	CR 17 – EAST SIDE	UPPER WALL	WOOD	CREAM	INTACT	0.00	LCP



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<b>BUILDING D – INTERIOR (17-19) CONTINUED</b>							
148	CR 18 – AT SOUTH ENTRY	DOOR	WOOD	GREEN	FAIR	0.30	LCP
149	CR 18 – AT SOUTH ENTRY	DOOR JAMB	WOOD	GREEN	FAIR	0.80	LCP
150	CR 18 – AT SOUTH ENTRY	DOOR STOP	WOOD	GREY	FAIR	0.27	LCP
151	CR 18 – NORTH SIDE	WINDOW SILL	WOOD	GREY	FAIR	0.16	LCP
152	CR 18 – NORTH SIDE	WINDOW	WOOD	GREY	FAIR	0.15	LCP
153	CR 18 – NORTH SIDE	VERTICAL SQUARE POST	WOOD	GREY	FAIR	5.00	LBP
154	CR 18 – WEST SIDE	UPPER WALL	WOOD	CREAM	INTACT	0.06	LCP
155	CR 19 – CENTER	CEILING TILE 2'X4'	PRESSED BOARD	WHITE	INTACT	0.00	LCP
156	CR 19 – CENTER	CEILING GRID	METAL	WHITE	INTACT	0.00	LCP
157	CR 19 – NORTH ENTRY	DOOR	WOOD	GREEN	INTACT	0.22	LCP
158	CR 19 – NORTH ENTRY	DOOR JAMB	WOOD	GREEN	INTACT	1.30	LBP
159	CR 19 – NORTH ENTRY	DOOR STOP	WOOD	GREY	FAIR	0.30	LCP
160	CR 19 – SOUTH SIDE	VERTICAL SQUARE COLUMN	METAL	GREY	INTACT	2.10	LBP
161	CUSTODIAL RM – AT ENTRY	DOOR JAMB	WOOD	BROWN	POOR	0.09	LCP



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<b>BUILDING D – INTERIOR (17-19) CONTINUED</b>							
162	CUSTODIAL RM – AT ENTRY	DOOR STOP	WOOD	BROWN	POOR	0.06	LCP
163	CUSTODIAL RM – EAST SIDE	SINK	PORCELAIN	WHITE	INTACT	0.00	LCP
164	CUSTODIAL RM – SOUTH SIDE	WALL	SANDED PLASTER	GREEN	POOR	0.16	LCP
165	CUSTODIAL RM – WEST SIDE	CABINETS	WOOD	GREEN	POOR	0.10	LCP
<b>BUILDING D – EXTERIOR (17-19)</b>							
166	EAST SIDE	DRINKING FOUNTAIN	PORCELAIN	WHITE	INTACT	9.80	LBP
167	EAST SIDE	WALL	STUCCO	CREAM	INTACT	0.00	LCP
168	NE MECHANICAL RM	DOOR FRAME	WOOD	BROWN	POOR	0.04	LCP
169	NE MECHANICAL RM – DOOR	DOOR	WOOD	BROWN	POOR	0.03	LCP
170	NORTH SIDE EAST END	LOUVER	METAL	CREAM	INTACT	0.00	LCP
171	NORTH SIDE AT CR 19	WINDOW SILL	WOOD	CREAM	INTACT	2.20	LBP
172	NORTH SIDE AT CR 18	WINDOW	METAL	CREAM	INTACT	0.13	LCP
173	NORTH SIDE AT CR 17	VERTICAL WINDOW SUPPORT	METAL	CREAM	INTACT	1.60	LBP
INTENTIONALLY LEFT BLANK							



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<b>BUILDING D – EXTERIOR (17-19) CONTINUED</b>							
174	EAST SIDE	FIRE EXT. CABINET INFILL	WOOD	CREAM	FAIR	0.00	LCP
175	SOUTH SIDE AT CR 17	LOWER WALL	STUCCO	LT GREEN	INTACT	0.00	LCP
176	SOUTH SIDE CENTER	DRIP EDGE	METAL	GREEN	INTACT	0.00	LCP
177	SOUTH SIDE CENTER	FASCIA	METAL	GREEN	INTACT	0.00	LCP
178	SOUTH SIDE CENTER	SOFFIT	STUCCO	CREAM	INTACT	0.00	LCP
179	SOUTH SIDE AT CR 19	WINDOW INFILL	TRANSITE	CREAM	INTACT	0.03	LCP
<b>BUILDING E – INTERIOR (20-22)</b>							
180	CR 20 – NORTH SIDE	CABINET	WOOD	GREY	INTACT	0.24	LCP
181	CR 20 – NORTH SIDE	CABINET DOOR	WOOD	GREY	INTACT	0.50	LCP
182	CR 20 – NORTH SIDE	WINDOW SILL	WOOD	GREY	INTACT	0.40	LCP
183	CR 20 – NORTH SIDE	WINDOW	METAL	GREY	INTACT	0.08	LCP
184	CR 20 – NORTH SIDE	VERTICAL SQUARE COLUMN	METAL	GREY	INTACT	2.60	LBP
185	CR 20 – NORTH SIDE	SINK	PORCELAIN	WHITE	INTACT	0.01	LCP
186	CR 20 – WEST SIDE	WALL	WOOD	CREAM	INTACT	0.00	LCP
187	CR 21 – SOUTH SIDE	DOOR	WOOD	GREEN	FAIR	0.30	LCP



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<b>BUILDING E – INTERIOR (20-22) CONTINUED</b>							
188	CR 21 – SOUTH SIDE	DOOR JAMB	WOOD	GREEN	FAIR	0.60	LCP
189	CR 21 – SOUTH SIDE	DOOR STOP	WOOD	GREY	FAIR	0.24	LCP
190	CR 21 – NORTH SIDE	DOOR JAMB	WOOD	GREEN	FAIR	0.60	LCP
191	CR 21 – NORTH SIDE	DOOR	WOOD	GREEN	FAIR	0.00	LCP
192	CR 21 – NORTH SIDE CENTER	WALL	WOOD	CREAM	FAIR	0.21	LCP
193	CR 22 – CENTER	CEILING TILE 2'X4'	PRESSED BOARD	WHITE	INTACT	0.00	LCP
194	CR 22 – CENTER	CEILING GRID	METAL	WHITE	INTACT	0.00	LCP
195	CR 22 – SOUTH SIDE	VERTICAL SQUARE COLUMN	METAL	GREY	INTACT	3.20	LBP
<b>BUILDING E – EXTERIOR (20-22)</b>							
196	SOUTH SIDE EAST END	WALL	STUCCO	LT GREEN	INTACT	0.00	LCP
197	SOUTH SIDE AT CR 22	DOOR	WOOD	GREY	FAIR	0.14	LCP
198	SOUTH SIDE AT CR 22	DOOR FRAME	WOOD	GREY	FAIR	0.30	LCP
199	SOUTH SIDE CENTER	DRIP EDGE	METAL	GREEN	FAIR	0.00	LCP
200	SOUTH SIDE CENTER	FASCIA	METAL	GREEN	FAIR	0.28	LCP
201	SOUTH SIDE CENTER	SOFFIT	STUCCO	CREAM	INTACT	0.00	LCP



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<b>BUILDING C – INTERIOR (23-24)</b>							
202	CR 23 – WEST SIDE	CABINET	WOOD	LT GREY	INTACT	0.17	LCP
203	CR 23 – WEST SIDE	CABINET DOOR	WOOD	LT GREY	INTACT	0.27	LCP
204	CR 23 – SOUTH SIDE	WALL	WOOD	CREAM	INTACT	0.02	LCP
205	CR 23 – NORTH SIDE	DOOR	WOOD	GREEN	FAIR	0.00	LCP
206	CR 23 – NORTH SIDE	DOOR JAMB	WOOD	GREY	FAIR	0.08	LCP
207	CR 23 – NORTH SIDE	WINDOW SILL	WOOD	GREY	INTACT	0.01	LCP
208	CR 23 – NORTH SIDE	WINDOW	METAL	GREY	INTACT	0.05	LCP
209	CR 23 – NORTH SIDE	VERTICAL SQUARE COLUMN	METAL	GREY	INTACT	4.70	LBP
210	CR 24 – SOUTH SIDE	DOOR	WOOD	GREEN	FAIR	0.16	LCP
211	CR 24 – SOUTH SIDE	DOOR JAMB	WOOD	GREEN	FAIR	0.30	LCP
212	CR 24 – SOUTH SIDE	DOOR STOP	WOOD	GREY	FAIR	0.14	LCP
213	CR 24 – WEST SIDE	WALL	WOOD	CREAM	FAIR	0.00	LCP
214	CR 24 – NORTH SIDE	SINK	PORCELAIN	WHITE	INTACT	6.30	LBP
215	CR 24 – CENTER	CEILING TILE 2'X4'	PRESSED BOARD	WHITE	INTACT	0.00	LCP
INTENTIONALLY LEFT BLANK							





# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>					
Date	12-07-2022	Start Time	2:30 pm	Beginning Calibration	1.04 =	0.90	1.04 =	1.10	1.04 =	1.10	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	12-07-2022	End Time	6:30 pm	Ending Calibration	1.04 =	1.10	1.04 =	0.90	1.04 =	0.90	
<b>BUILDING C – INTERIOR (23-24) CONTINUED</b>											
216	CR 24 – CENTER	CEILING GRID	METAL	WHITE	INTACT	0.00	LCP				
<b>BUILDING C – EXTERIOR (23-24)</b>											
217	SOUTH SIDE WEST END	DRIP EDGE	METAL	GREEN	INTACT	0.00	LCP				
218	SOUTH SIDE CENTER	FASCIA	METAL	GREEN	INTACT	0.26	LCP				
219	SOUTH SIDE WEST END	SOFFIT	STUCCO	CREAM	INTACT	0.00	LCP				
220	NORTH SIDE EAST END	WINDOW SILL	WOOD	CREAM	FAIR	1.90	LBP				
221	NORTH SIDE CENTER	WINDOW	METAL	CREAM	FAIR	0.20	LCP				
222	NORTH SIDE EAST END	VERTICAL SUPPORT	METAL	CREAM	FAIR	3.10	LBP				
223	NORTH SIDE	LOWER WALL	STUCCO	LT GREEN	INTACT	0.00	LCP				
<b>BUILDING B – INTERIOR (25-27)</b>											
224	NE GIRLS RR – WEST SIDE	WALL	CERAMIC TILE	GOLD	INTACT	10.90	LBP				
225	NE GIRLS RR – CENTER	FLOOR	CERAMIC TILE	BROWNS	INTACT	0.01	LCP				
226	SE BOYS RR – WEST SIDE	UPPER WALL	SMOOTH PLASTER	CREAM	INTACT	0.11	LCP				
227	CR 25 – WEST SIDE	CABINET	WOOD	LT GREY	FAIR	0.29	LCP				
228	CR 25 – NE AREA	CABINET	WOOD	LT GREY	FAIR	0.22	LCP				



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>BUILDING B – INTERIOR (25-27) CONTINUED</b>							
229	CR 25 – SOUTH SIDE	WALL	WOOD	CREAM	INTACT	0.00	LCP
230	CR 26 – NORTH ENTRY	DOOR	WOOD	GREEN	FAIR	0.00	LCP
231	CR 26 – NORTH ENTRY	DOOR JAMB	WOOD	GREEN	FAIR	0.70	LCP
232	CR 26 – NORTH SIDE CENTER	WINDOW SILL	WOOD	DK GREY	INTACT	1.50	LBP
233	CR 26 – NORTH SIDE CENTER	WINDOW	METAL	DK GREY	INTACT	0.13	LCP
234	CR 26 – NORTH SIDE CENTER	VERTICAL SQUARE COLUMN	METAL	DK GREY	INTACT	2.00	LBP
235	CR 26 – EAST SIDE	WALL	WOOD	CREAM	INTACT	0.00	LCP
236	CR 26 – CENTER	CEILING TILE 2'X4'	PRESSED BOARD	WHITE	INTACT	0.00	LCP
237	CR 26 – CENTER	CEILING GRID	METAL	WHITE	INTACT	0.00	LCP
<b>BUILDING B – EXTERIOR (25-27)</b>							
238	NORTH SIDE WEST END	DRIP EDGE	METAL	GREEN	INTACT	0.00	LCP
239	NORTH SIDE CENTER	FASCIA	METAL	GREEN	INTACT	0.26	LCP
240	NORTH SIDE WEST END	SOFFIT	STUCCO	CREAM	INTACT	0.00	LCP
241	NORTH SIDE EAST END	WINDOW SILL	WOOD	CREAM	FAIR	1.90	LBP
242	SOUTH SIDE CENTER	WINDOW	METAL	CREAM	FAIR	0.20	LCP



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Date	12-07-2022	Start Time	2:30 pm	Beginning Calibration	1.04 =	0.90	1.04 =	1.10	1.04 =	1.10	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	12-07-2022	End Time	6:30 pm	Ending Calibration	1.04 =	1.10	1.04 =	0.90	1.04 =	0.90	
NO.	SAMPLE LOCATION			COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>			
<b>BUILDING B – EXTERIOR (25-27) CONTINUED</b>											
243	SOUTH SIDE EAST END			VERTICAL SUPPORT	METAL	CREAM	FAIR	3.10		LBP	
244	SOUTH SIDE CENTER			LOWER WALL	STUCCO	LT GREEN	INTACT	0.00		LCP	



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Date	12-09-2022	Start Time	12:30 pm	Beginning Calibration	1.04 =	1.10	1.04 =	0.90	1.04 =	1.10	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	12-09-2022	End Time	1:30 PM	Ending Calibration	1.04 =	0.90	1.04 =	0.90	1.04 =	0.80	
NO.	SAMPLE LOCATION		COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>				
<b>COVERED WALKWAY THAT RUNS NORTH TO SOUTH BETWEEN 24 &amp; 20 AND 25 &amp; 19 – EXTERIOR</b>											
245	WALKWAY – CENTER		VERTICAL SQUARE COLUMN	METAL	GREEN	INTACT	4.60		LBP		
246	WALKWAY – CENTER		CEILING	STUCCO	CREAM	INTACT	0.00		LCP		
247	WALKWAY – SOUTH SIDE CENTER		DRIP EDGE	METAL	CREAM	INTACT	0.13		LCP		
<b>MAIN BUILDING’S NE COVERED WALKWAY – EXTERIOR</b>											
248	WALKWAY – CENTER		VERTICAL SQUARE COLUMN	METAL	GREEN	FAIR	3.30		LBP		
249	WALKWAY – NORTH SIDE		DRIP EDGE	METAL	GREEN	POOR	0.21		LCP		
250	WALKWAY – CENTER		CEILING	STUCCO	CREAM	INTACT	0.01		LCP		



# YES Environmental, Inc.

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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>		
Date	5-17-23	Start Time	4:00 pm	Beginning Calibration	1.04 = 0.88	1.04 = 0.99	1.04 = 0.89	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	5-17-23	End Time	5:00 PM	Ending Calibration	1.04 = 1.08	1.04 = 1.09	1.04 = 1.13	
<b>PORTABLE BUILDINGS – EXTERIOR R5-R26 (B1-B23)</b>								
251	R14 (B10) – WEST SIDE	WALL	WOOD	CREAM	INTACT	0.10	LCP	
252	R17 (B13) – WEST SIDE	WALL	WOOD	CREAM	INTACT	0.03	LCP	
253	R20 (B16) – SOUTH SIDE	WALL	WOOD	CREAM	INTACT	0.08	LCP	
254	R23 (B19) – SOUTH SIDE	WALL	WOOD	CREAM	INTACT	0.14	LCP	
255	R28 (B23) – NORTH SIDE	WALL	WOOD	CREAM	INTACT	0.11	LCP	
256	R26 (B21) – EAST SIDE	WALL	WOOD	CREAM	INTACT	0.09	LCP	
257	R9 – PORTABLE RESTROOM – WEST SIDE	WALL	WOOD	CREAM	INTACT	0.15	LCP	
258	R11 (B6) – NORTH SIDE CENTER	WALL	WOOD	CREAM	INTACT	0.01	LCP	
259	R7 (B2) – NORTH SIDE CENTER	WALL	WOOD	CREAM	INTACT	0.15	LCP	
260	R5 (B4) – NORTH SIDE CENTER	WALL	WOOD	CREAM	INTACT	0.16	LCP	
<b>PORTABLE BUILDINGS – EXTERIOR R2-R4</b>								
261	R3 (PTC) – SOUTH SIDE CENTER	WALL	WOOD	CREAM	INTACT	1.27	LBP	
<b>28-29 (PRE-K) – EXTERIOR</b>								
262	EAST SIDE CENTER	WALL	STUCCO	GREEN	INTACT	0.01	LCP	



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1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Date	5-17-23	Start Time	4:00 pm	Beginning Calibration	1.04 =	0.88	1.04 =	0.99	1.04 =	0.89	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	5-17-23	End Time	5:00 PM	Ending Calibration	1.04 =	1.08	1.04 =	1.09	1.04 =	1.13	
NO.	SAMPLE LOCATION			COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>			
<b>BUILDING F (RESTROOMS) – EXTERIOR</b>											
263	EAST SIDE CENTER			WALL	STUCCO	CREAM	INTACT	0.07		LCP	
<b>R25 (CONFERENCE) – EXTERIOR</b>											
264	NORTH SIDE CENTER			WALL	WOOD	CREAM	INTACT	0.01		LCP	
<b>R1 (ADMIN) – EXTERIOR</b>											
265	NORTH SIDE CENTER			WALL	WOOD	CREAM	INTACT	0.03		LCP	

End of XRF report.

## LEAD HAZARD EVALUATION REPORT

**Section 1 – Date of Lead Hazard Evaluation** 12-07-2022

**Section 2 – Type of Lead Hazard Evaluation (Check one box only)**

Lead Inspection     Risk assessment     Clearance Inspection     Other (specify) \_\_\_\_\_

**Section 3 – Structure Where Lead Hazard Evaluation Was Conducted**

Address [number, street, apartment (if applicable)]		City	County	Zip Code
2710 Niles street		Bakersfield	Kern	93306
Construction date (year) of structure	Type of structure		Children living in structure?	
Unknown	<input type="checkbox"/> Multi-unit building <input checked="" type="checkbox"/> School or daycare <input type="checkbox"/> Single family dwelling <input type="checkbox"/> Other _____		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't Know	

**Section 4 – Owner of Structure (if business/agency, list contact person)**

Name		Telephone number	
Bakersfield City School District		661-631-5883	
Address [number, street, apartment (if applicable)]		City	State
1300 Baker Street		Bakersfield	CA
		Zip Code	
			93305

**Section 5 – Results of Lead Hazard Evaluation (check all that apply)**

No lead-based paint detected     Intact lead-based paint detected     Deteriorated lead-based paint detected  
 No lead hazards detected     Lead-contaminated dust found     Lead-contaminated soil found     Other \_\_\_\_\_

**Section 6 – Individual Conducting Lead Hazard Evaluation**

Name		Telephone number	
Kristy Yowell		661-477-4662	
Address [number, street, apartment (if applicable)]		City	State
13708 Carpaccio Lane		Bakersfield	CA
		Zip Code	
			93306
CDPH certification number	Signature	Date	
4640	<i>Kristy Yowell</i>	2-13-2023	

Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable)

n/a

**Section 7 – Attachments**

- A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;
- B. Each testing method, device, and sampling procedure used;
- C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number.

First copy and attachments retained by inspector  
Second copy and attachments retained by owner

Third copy only (no attachments) mailed or faxed to:  
California Department of Public Health  
Childhood Lead Poisoning Prevention Branch Reports  
850 Marina Bay Parkway, Building P, Third Floor  
Richmond, CA 94804-6403  
Fax: (510) 620-5656

## LEAD HAZARD EVALUATION REPORT

**Section 1 – Date of Lead Hazard Evaluation** 05-17-2023

**Section 2 – Type of Lead Hazard Evaluation (Check one box only)**

Lead Inspection     Risk assessment     Clearance Inspection     Other (specify) \_\_\_\_\_

**Section 3 – Structure Where Lead Hazard Evaluation Was Conducted**

Address [number, street, apartment (if applicable)] <b>2710 Niles street</b>		City <b>Bakersfield</b>	County <b>Kern</b>	Zip Code <b>93306</b>
Construction date (year) of structure <b>Unknown</b>	Type of structure <input type="checkbox"/> Multi-unit building <input checked="" type="checkbox"/> School or daycare <input type="checkbox"/> Single family dwelling <input type="checkbox"/> Other _____		Children living in structure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't Know	

**Section 4 – Owner of Structure (if business/agency, list contact person)**

Name <b>Bakersfield City School District</b>		Telephone number <b>661-631-5883</b>		
Address [number, street, apartment (if applicable)] <b>1300 Baker Street</b>		City <b>Bakersfield</b>	State <b>CA</b>	Zip Code <b>93305</b>

**Section 5 – Results of Lead Hazard Evaluation (check all that apply)**

No lead-based paint detected     Intact lead-based paint detected     Deteriorated lead-based paint detected  
 No lead hazards detected     Lead-contaminated dust found     Lead-contaminated soil found     Other \_\_\_\_\_

**Section 6 – Individual Conducting Lead Hazard Evaluation**

Name <b>Kristy Yowell</b>		Telephone number <b>661-477-4662</b>		
Address [number, street, apartment (if applicable)] <b>13708 Carpaccio Lane</b>		City <b>Bakersfield</b>	State <b>CA</b>	Zip Code <b>93306</b>
CDPH certification number <b>4640</b>	Signature <i>Kristy Yowell</i>			Date <b>6-15-2023</b>

Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable)

n/a

**Section 7 – Attachments**

- A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;
- B. Each testing method, device, and sampling procedure used;
- C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number.

First copy and attachments retained by inspector

Second copy and attachments retained by owner

Third copy only (no attachments) mailed or faxed to:

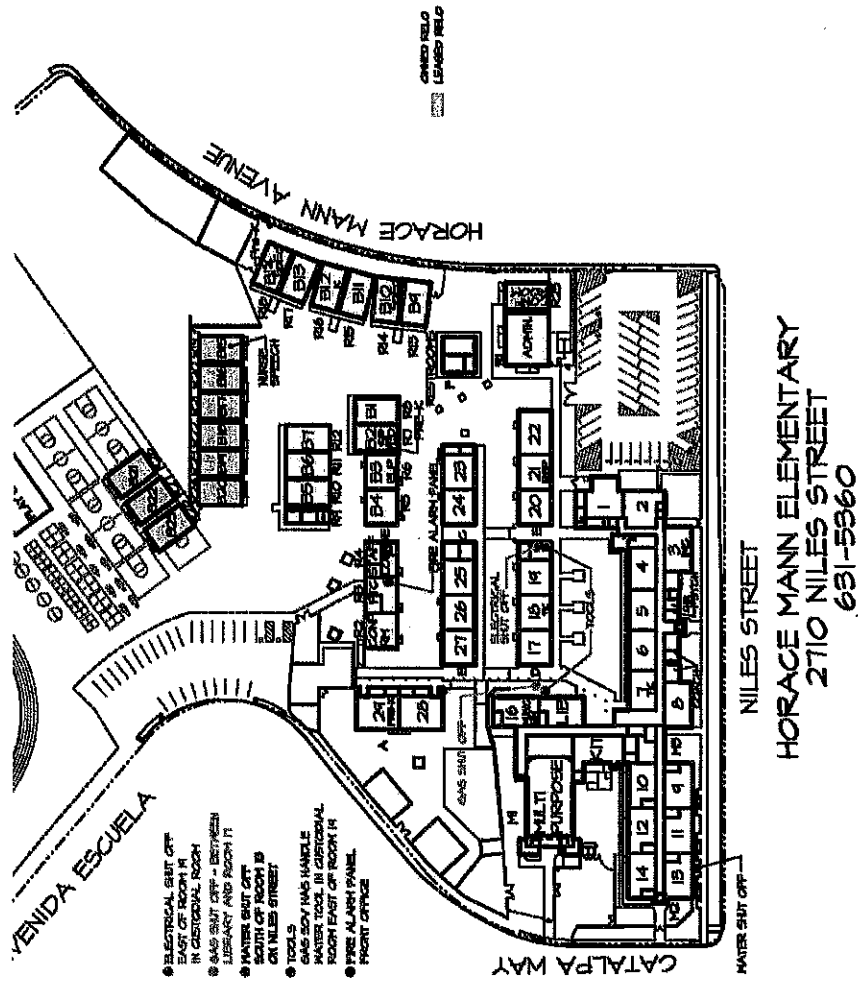
California Department of Public Health  
 Childhood Lead Poisoning Prevention Branch Reports  
 850 Marina Bay Parkway, Building P, Third Floor  
 Richmond, CA 94804-6403  
 Fax: (510) 620-5656





Bakersfield City School District  
Horace Mann ES - 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 - January 2023

*Sample Maps  
L & P*



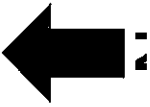
AREA = 516,100 SQ. FT.  
OR 11.85 ACRES



**SITE PLAN**  
**11-17-21**

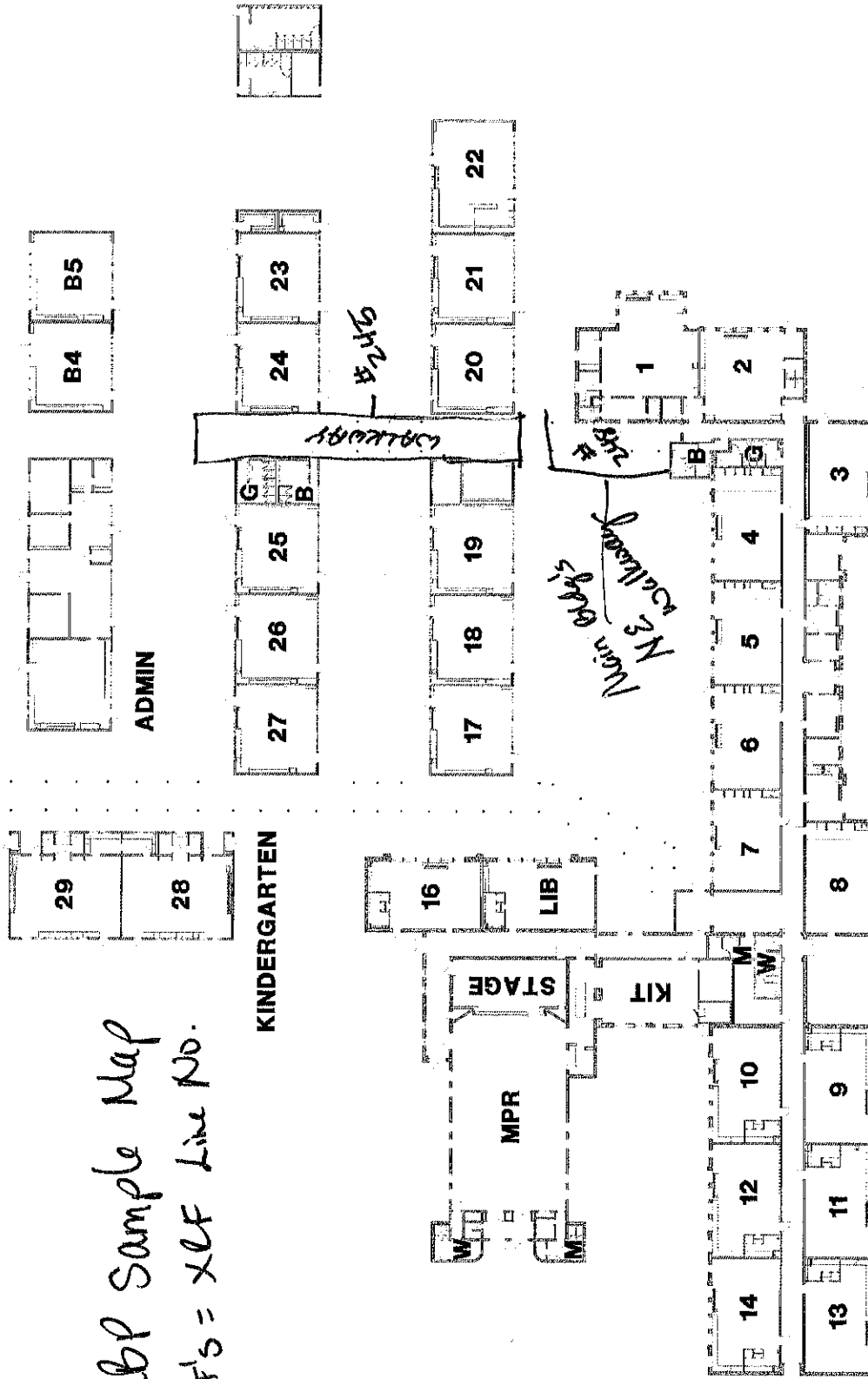
SCALE: 1"=150'

Not Drawn to Scale



Bakersfield City School District  
Horace Mann ES - 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 - January 2023

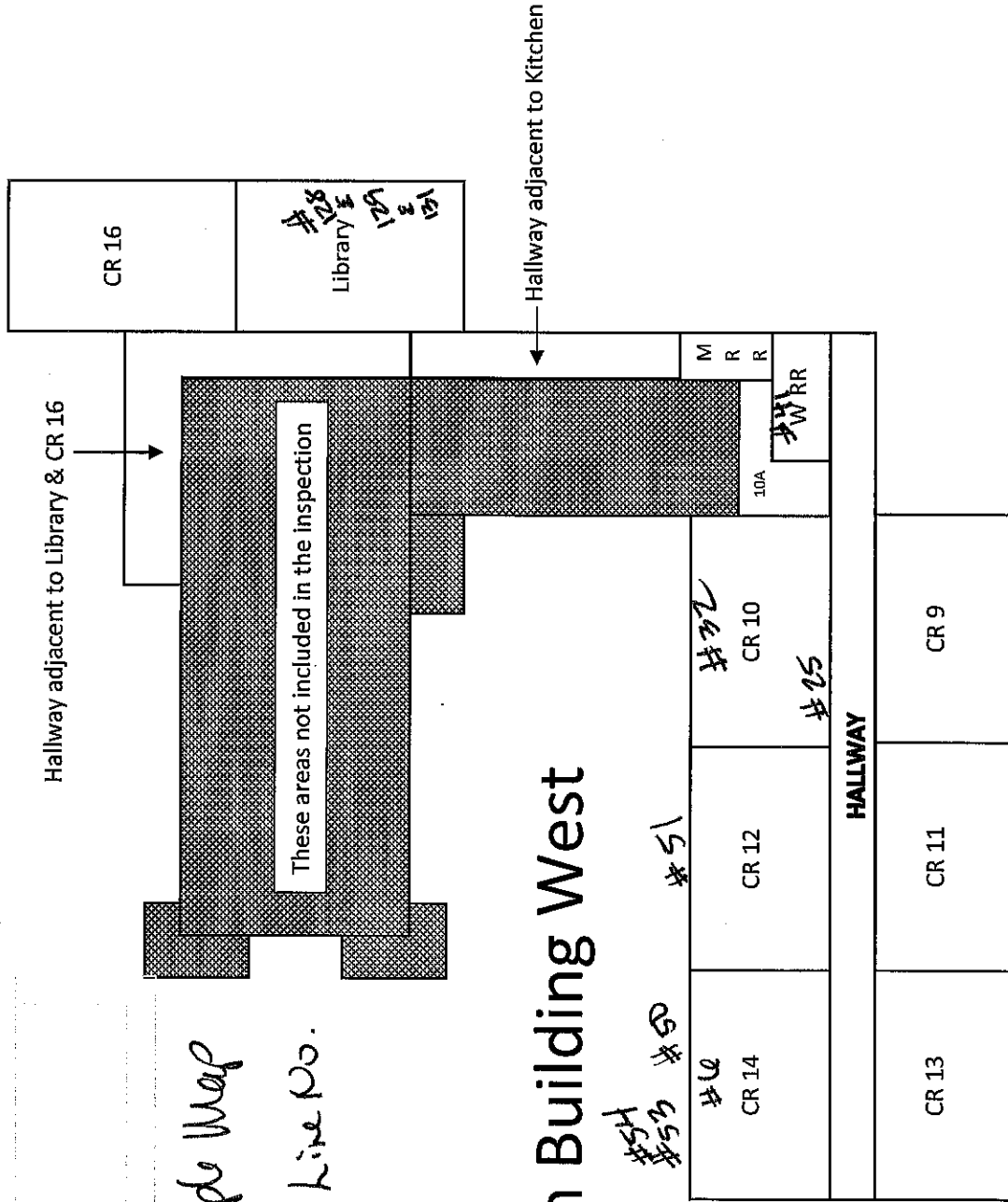
*LBP Sample Map  
#1's = XCF Line No.*



Not Drawn to Scale



Bakersfield City School District  
Horace Mann ES - 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 - January 2023

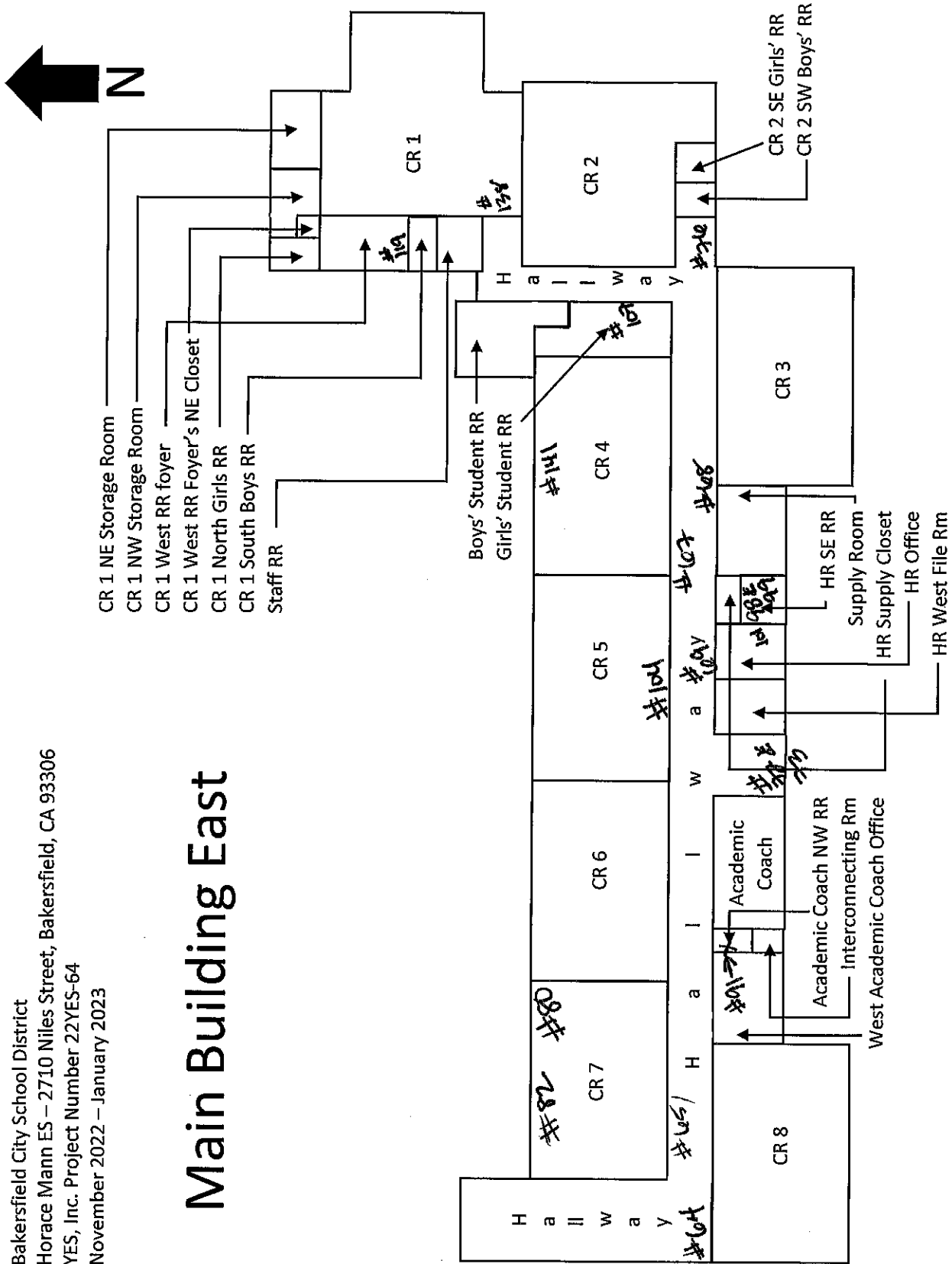


# Main Building West

Not Drawn to Scale

Bakersfield City School District  
Horace Mann ES - 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 - January 2023

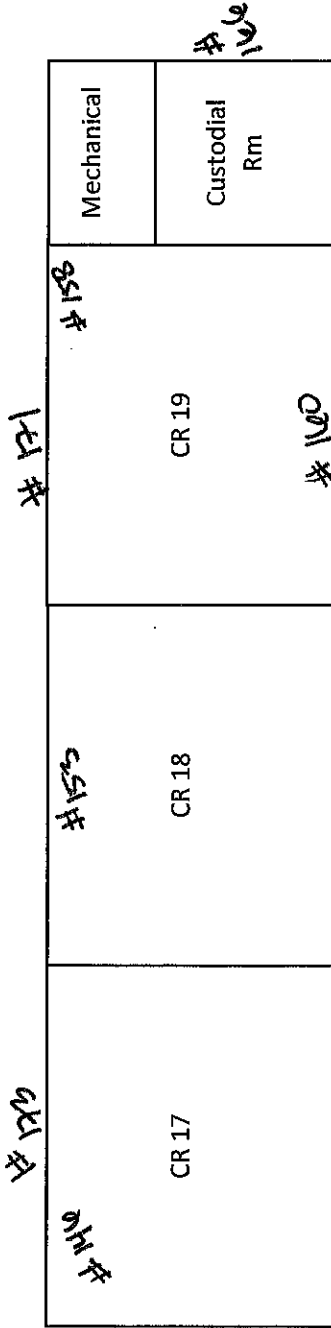
# Main Building East



Not Drawn to Scale



Bakersfield City School District  
Horace Mann ES – 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 – January 2023



Not Drawn to Scale



Bakersfield City School District  
Horace Mann ES -- 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 -- January 2023

<p>18181#</p> <p>CR 20</p>	<p>CR 21</p>	<p>CR 22</p> <p>1915</p>
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Not Drawn to Scale



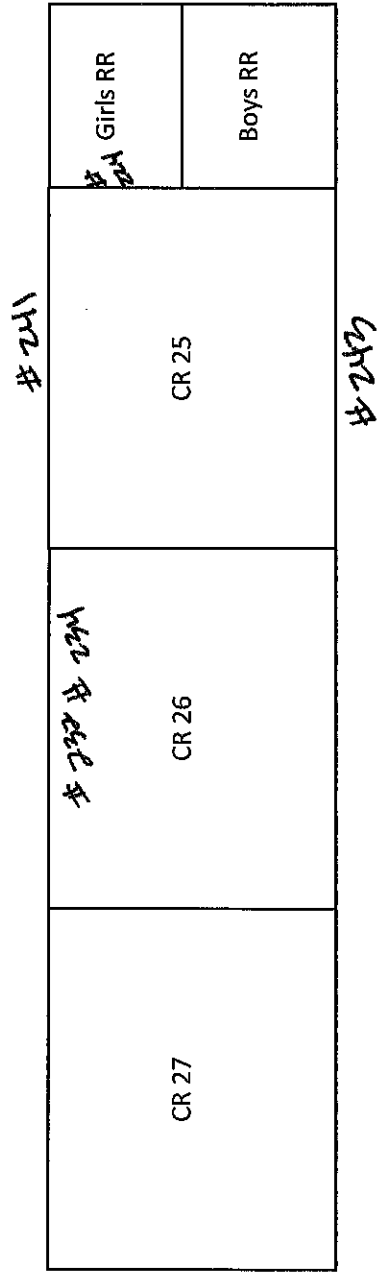
Bakersfield City School District  
Horace Mann ES – 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 – January 2023

# 221A CR 24	# 209 CR 23	NE
		SR
		Book
		Rm

Not Drawn to Scale



Bakersfield City School District  
Horace Mann ES – 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 – January 2023



Not Drawn to Scale





Attachment C – Chain of Custody & Laboratory Results



# YES Environmental, Inc.

1201 24<sup>TH</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/8/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>KY</i>	Date	7/2/2021
Received By	Annette McKissack (EHO)	Date	11/10/2022 940

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-01A	CARPET SQUARES & GLUE – BLUE/GREY STRIPED
	MB – CR 1 – NORTH SIDE CENTER
22YES-64-01B	CARPET SQUARES & GLUE – BLUE/GREY STRIPED
	MB – CR 8 – NW CORNER
22YES-64-02A	BASEBOARD & GLUE – 4" BLACK
	MB – CR 1 – NORTH SIDE EAST END
22YES-64-02B	BASEBOARD & GLUE – 4" BLACK
	MB – CR 8 – NORTH SIDE EAST END
22YES-64-03A	PLASTER – SANDED FINISH
	MB – CR 1 – SOUTH WALL CENTER ABOVE LAY-IN PANELS
22YES-64-03B	PLASTER – SANDED FINISH
	MB – CR 1 – SOUTH SIDE OF CEILING IN THE CENTER (ABOVE ACTs)
22YES-64-04A	ACOUSTIC CEILING TILE 12" UNIFORM HOLES & BROWN GLUES
	MB – CR 1 – SOUTH SIDE OF CEILING (ABOVE LAY-IN TILE)
22YES-64-04B	ACOUSTIC CEILING TILE 12" UNIFORM HOLES & BROWN GLUES
	MB – HR OFFICE – EAST SIDE OF CEILING (ABOVE LAY-IN TILE)
22YES-64-05A	SHEET VINYL & BROWN GLUE – LT BEIGE MOSAIC PATTERN
	MB – CR 1 – SOUTH COUNTER TOP
22YES-64-06A	FIBERGLASS BATT INSULATION- PAPER JACKETED
	MB – CR 1 – SOUTH SIDE CEILING



Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/8/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>KY</i>	Date	7/2/2021
Received By	Annette McKissack (BR)	Date	11/10/2022 940

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-06B	FIBERGLASS BATT INSULATION- PAPER JACKETED MB – CR 8 – NORTH SIDE CENTER
22YES-64-07A/29A/30A	LAY-IN PANEL 2'X4' GOUGE PH (OLDER #7) & LAY-IN PANEL 2'X4' GOUGE PH (NEWER #29) & LAY-IN PANEL 2'X4' FISSURED PH (OLDER #30) MB – CR 3 – VARIOUS LOCATIONS IN CEILING
22YES-64-07B	LAY-IN PANEL 2'X4' GOUGE PH MB – CR 1 – SOUTH SIDE CENTER
22YES-64-08A	PLASTER – SMOOTH FINISH MB – CR 8 – EAST WALL NORTH END
22YES-64-09A	CONCEALED GREEN FLOOR TILE, BLACK MASTIC & BLACK FELT MB – CR 1 – NORTH SIDE CENTER (CORE SAMPLE UNDER CARPET)
22YES-64-10A	CARPET & GLUE – BLACK WITH WHITE DOTS MB – CR 1'S RESTROOM FOYER – EAST SIDE CENTER
22YES-64-11A	SHEET FLOORING & GLUE – BLACK/WHITE SAND PATTERN MB – CR 1'S RESTROOM FOYER – EAST SIDE CENTER - UNDER CARPET
22YES-64-11B	SHEET FLOORING & GLUE – BLACK/WHITE SAND PATTERN MB – HALLWAY 1-8 – AT SOUTH ALCOVE BETWEEN ACADEMIC COACH OFFICE & HR OFFICE
22YES-64-12A	BASEBOARD & BROWN GLUES – 3" BLUE MB – CR 1'S RR FOYER'S NE CLOSET – AT ENTRY
22YES-64-12B	BASEBOARD & BROWN GLUES – 3" BLUE MB – CR 3 – SOUTH WALL EAST END



# YES Environmental, Inc.

# #32222507

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 1201 24<sup>TH</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/8/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>KY</i>	Date	7/2/2021
Received By	Annette McKissack (EHC)	Date	11/10/2022 ayo

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-14A	BRICK & MORTAR
	MB – ATTIC ABOVE CR1 RR FOYER – WEST EXTERIOR WALL
22YES-64-16A	UNFINISHED DRYWALL (NO T&J)
	MB – ATTIC ABOVE CR1 RR FOYER – WEST EXTERIOR WALL
22YES-64-17A	SHEET FLOORING & BROWN GLUE – LT BLUE MOSAIC PATTERN
	MB – STAFF RR – NW CORNER
22YES-64-20A	SHEET FLOORING & BROWN GLUE – PINK/BLUE/CREAM SAND PATTERN
	MB – CR 2'S SE GIRLS RR – SE CORNER
22YES-64-21A	CERAMIC FLOOR TILE GROUT – BROWN (2" GREY)
	MB – BOYS STUDENT RR – AT EXISTING DAMAGE (NEAR CR 2)
22YES-64-22A	CERAMIC FLOOR TILE GROUT – WHITE (4" LT GREY)
	MB – GIRLS STUDENT RR – AT ENTRY (NEAR CR 2)
22YES-64-24A	UNFINISHED DRYWALL WITH TAPE & JOINT COMPOUND
	MB – ATTIC ABOVE BOYS & GIRLS RR – EAST SIDE SOUTH END
22YES-64-25A	CARPET & GLUE – BLUE WITH WHITE
	MB – CR 3 – NE CORNER
22YES-64-26A	SHEET FLOORING & GLUE – GREY MOSAIC PATTERN
	MB – CR 3 – WEST SIDE CENTER
22YES-64-26B	SHEET FLOORING & GLUE – GREY MOSAIC PATTERN
	MB – ACADEMIC COACH RESTROOM – AT ENTRY



Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/8/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell	Date	7/2/2021
Received By	Anneke Mokissak (Ph)	Date	11/10/2022 940

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-27A	SHEET FLOORING & GLUE – PURPLE WITH BLACK/WHITE FLECKS
	MB – CR 3 – WEST WALL SOUTH END
22YES-64-28A	SHEET VINYL & BROWN GLUES – BLUE FABRIC PATTERN
	MB – CR 3 – WEST COUNTER TOP
22YES-64-28B	SHEET VINYL & BROWN GLUES – BLUE FABRIC PATTERN
	MB – CR 8 – AT SINK
22YES-64-31A	UNFINISHED DRYWALL – PAINTED
	MB – CR 3 – NORTH SIDE WINDOW INFILL
22YES-64-31B	UNFINISHED DRYWALL – PAINTED
	MB – CR 6 – SOUTH SIDE WINDOW INFILL
22YES-64-32A	SHEET FLOORING & GLUE – DARK BLUE/GREY MOSAIC PATTERN
	MB – HR SE RESTROOM – AT ENTRY
22YES-64-33A	SHEET FLOORING & GLUE – SOLID CREAM
	MB – ROOM BETWEEN ACADEMIC COACH & WEST ADJ. OFFICE
22YES-64-34A	CARPET & GLUE – BLUE/GREEN/RED/CREAM MULTI
	MB – OFFICE EAST OF CR 8 – EAST WALL CENTER
22YES-64-41A	BASEBOARD & GLUE – 3" BLACK
	MB – CR 9 – SW CORNER
22YES-64-42A	PLASTER – SMOOTH FINISH
	MB – 10A – SOUTH WALL AT EXISTING DAMAGE



# YES Environmental, Inc.

#32222507 Page 133 of 198

1201 24<sup>TH</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/8/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell	Date	7/2/2021
Received By	<i>Olga McKissack (W)</i>	Date	11/10/2022 940

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-44A	PIPE STRAIGHT INSULATION – PAPER JACKETED FIBERGLASS
	MB – CR 9 – UNIT VENTILATOR
22YES-64-45A	BLOWN-IN INSULATION – PINK FIBERGLASS
	MB – ATTIC ABOVE CRS 9-14 – AT CR 9 ACCESS



# LA Testing

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<b>LA Testing Order:</b> 322222507	Page 134 of 198
<b>Customer ID:</b> YWEL75	
<b>Customer PO:</b> 22YES-64	
<b>Project ID:</b>	

**Attention:** Kristy Yowell  
 YES Environmental, Inc.  
 13708 Carpaccio Lane  
 Bakersfield, CA 93306

**Phone:** (661) 477-4662

**Fax:**

**Received Date:** 11/10/2022 9:40 AM

**Analysis Date:** 11/11/2022 - 11/14/2022

**Collected Date:** 11/08/2022

**Project:** 22YES-64/ Bakersfield City School District Horace Mann ES - MOD Insp

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
224-YES-64-01A-Carpet 322222507-0001	MB - CR 1 - north side center - Carpet squares & glue - blue/ grey striped	Gray/Blue Fibrous Homogeneous	98% Synthetic	2% Non-fibrous (Other)	None Detected
224-YES-64-01A-Pad 322222507-0001A	MB - CR 1 - north side center - Carpet squares & glue - blue/ grey striped	Gray Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
224-YES-64-01A-Glue 322222507-0001B	MB - CR 1 - north side center - Carpet squares & glue - blue/ grey striped	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-01B-Carpet 322222507-0002	MB - CR 8 - NW croer - Carpet squares & glue - blue/ grey striped	Blue Fibrous Homogeneous	98% Synthetic	2% Non-fibrous (Other)	None Detected
224-YES-64-01B-Pad 322222507-0002A	MB - CR 8 - NW croer - Carpet squares & glue - blue/ grey striped	Gray Non-Fibrous Homogeneous	8% Glass	92% Non-fibrous (Other)	None Detected
224-YES-64-01B-Glue 322222507-0002B	MB - CR 8 - NW croer - Carpet squares & glue - blue/ grey striped	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-02A-Baseboard 322222507-0003	MB - CR 1 - north side east end - Baseboard & glue - 4" black	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-02A-Glue 322222507-0003A	MB - CR 1 - north side east end - Baseboard & glue - 4" black	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-02B-Baseboard 322222507-0004	MB - CR 8 - north side east end - Baseboard & glue - 4" black	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-02B-Glue 322222507-0004A	MB - CR 8 - north side east end - Baseboard & glue - 4" black	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-03A 322222507-0005	MB - CR 1 - south wall center above lay - in panels - Plaster - sanded finish	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-03B 322222507-0006	MB - CR 1 - south side of ceiling in the center (above ACTs) - Plaster - sanded finish	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 11/14/2022 10:06:00



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<b>LA Testing Order:</b> 322222507 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> 22YES-64 <b>Project ID:</b>
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
224-YES-64-04A-Ceiling Tile 322222507-0007	MB - CR 1 - south side of ceiling (above lay - in tile) - Acoustic ceiling tile 12" uniform holes & brown glues	Brown/White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
224-YES-64-04A-Glue 322222507-0007A	MB - CR 1 - south side of ceiling (above lay - in tile) - Acoustic ceiling tile 12" uniform holes & brown glues	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-04B-Ceiling Tile 322222507-0008	MB - HR office - east side of ceiling (above lay-in tile) - Acoustic ceiling tile 12" uniform holes & brown glues	Brown/White Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
224-YES-64-04B-Glue 322222507-0008A	MB - HR office - east side of ceiling (above lay-in tile) - Acoustic ceiling tile 12" uniform holes & brown glues	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-05A-Sheet Vinyl 322222507-0009	MB - CR 1 - south counter top - Sheet vinyl & brown glue - LT beige mosaic pattern	Brown/Beige Non-Fibrous Homogeneous	35% Cellulose	65% Non-fibrous (Other)	None Detected
224-YES-64-05A-Glue 322222507-0009A	MB - CR 1 - south counter top - Sheet vinyl & brown glue - LT beige mosaic pattern	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-06A-Paper Jacket 322222507-0010	MB - CR 1 - south side ceiling - Fiberglass batt insulation - paper jacketed	Brown/Black Non-Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
224-YES-64-06A-Insulation 322222507-0010A	MB - CR 1 - south side ceiling - Fiberglass batt insulation - paper jacketed	Pink Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
224-YES-64-06B-Paper Jacket 322222507-0011	MB - CR 8 - north side center - Fiberglass batt insulation - paper jacketed	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
224-YES-64-06B-Insulation 322222507-0011A	MB - CR 8 - north side center - Fiberglass batt insulation - paper jacketed	Pink/Peach Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
224-YES-64-07A 322222507-0012	MB - CR 3 - various locations in ceiling - Lay-in panel 2'x4' gouge PH (older #7) & lay-in panel 2'x4' gouge PH (newer #29) & lay-in panel 2'x4' fissured PH (older #30)	Gray/White Fibrous Homogeneous	40% Cellulose 20% Min. Wool	20% Perlite 20% Non-fibrous (Other)	None Detected

Initial report from: 11/14/2022 10:06:00





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LA Testing Order: 322222507  
 Customer ID: YWEL75  
 Customer PO: 22YES-64  
 Project ID:

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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
224-YES-64-29A 322222507-0012A	MB - CR 3 - various locations in ceiling - Lay-in panel 2'x4' gouge PH (older #7) & lay-in panel 2'x4' gouge PH (newer #29) & lay-in panel 2'x4' fissured PH (older #30)	Gray/White Fibrous Heterogeneous	40% Cellulose 20% Min. Wool	20% Perlite 20% Non-fibrous (Other)	None Detected
224-YES-64-30A 322222507-0012B	MB - CR 3 - various locations in ceiling - Lay-in panel 2'x4' gouge PH (older #7) & lay-in panel 2'x4' gouge PH (newer #29) & lay-in panel 2'x4' fissured PH (older #30)	Gray/White Fibrous Homogeneous	40% Cellulose 20% Min. Wool	20% Perlite 20% Non-fibrous (Other)	None Detected
224-YES-64-07B 322222507-0013	MB - CR 1 - south side center - Lay-in panel 2'x4' gouge PH	White/Beige Fibrous Heterogeneous	40% Cellulose 20% Min. Wool	20% Perlite 20% Non-fibrous (Other)	None Detected
224-YES-64-08A-Finish Coat 322222507-0014	MB - CR 8 - east wall north end - Plaster - smooth finish	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-08A-Base Coat 322222507-0014A	MB - CR 8 - east wall north end - Plaster - smooth finish	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-09A-Floor Tile 322222507-0015	MB - CR 1 - north side center (core sample under carpet) - Concealed green floor tile, black mastic & blackfelt	Green Non-Fibrous Homogeneous		94% Non-fibrous (Other)	6% Chrysotile
224-YES-64-09A-Mastic 322222507-0015A	MB - CR 1 - north side center (core sample under carpet) - Concealed green floor tile, black mastic & blackfelt	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-09A-Felt 322222507-0015B	MB - CR 1 - north side center (core sample under carpet) - Concealed green floor tile, black mastic & blackfelt	Black Fibrous Homogeneous	55% Cellulose	45% Non-fibrous (Other)	None Detected
224-YES-64-10A-Carpet 322222507-0016	MB - CR 1's restroom foyer - east side center - Carpet & glue - black with white dots	Various/Black Fibrous Homogeneous	98% Synthetic	2% Non-fibrous (Other)	None Detected
224-YES-64-10A-Pad 322222507-0016A	MB - CR 1's restroom foyer - east side center - Carpet & glue - black with white dots	Beige Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
224-YES-64-10A-Glue 322222507-0016B	MB - CR 1's restroom foyer - east side center - Carpet & glue - black with white dots	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 11/14/2022 10:06:00



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<b>LA Testing Order:</b> 322222507 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> 22YES-64 <b>Project ID:</b>
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
224-YES-64-11A-Sheet Flooring 322222507-0017	MB - CR 1's restroom foyer - east side center - under carpet - Sheet flooring & glue - black/ white sand pattern	Gray/White Fibrous Heterogeneous	20% Cellulose 2% Synthetic 5% Glass	73% Non-fibrous (Other)	None Detected
224-YES-64-11A-Glue 322222507-0017A	MB - CR 1's restroom foyer - east side center - under carpet - Sheet flooring & glue - black/ white sand pattern	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-11B-Sheet Flooring 322222507-0018	MB - hallway 1-8 - at south alcove between academic coach office & HR office - Sheet flooring & glue - black/ white sand pattern	Gray/White/Black Fibrous Heterogeneous	20% Cellulose 5% Glass	75% Non-fibrous (Other)	None Detected
224-YES-64-11B-Glue 322222507-0018A	MB - hallway 1-8 - at south alcove between academic coach office & HR office - Sheet flooring & glue - black/ white sand pattern	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-12A-Cove Base 322222507-0019	MB - CR 1's RR foyer's NE closet - at entry - Baseboard & brown glues - 3" blue	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-12A-Glue 322222507-0019A	MB - CR 1's RR foyer's NE closet - at entry - Baseboard & brown glues - 3" blue	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-12B-Baseboard 322222507-0020	MB - CR 3 - south wall east end - Baseboard & brown glues - 3" blue	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-12B-Glue 322222507-0020A	MB - CR 3 - south wall east end - Baseboard & brown glues - 3" blue	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-14A-Brick 322222507-0021	MB - attic above CR1 RR foyer - west exterior wall - Brick & mortar	Pink/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-14A-Mortar 322222507-0021A	MB - attic above CR1 RR foyer - west exterior wall - Brick & mortar	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-16A 322222507-0022	MB - attic above CR1 RR foyer - west exterior wall - Unfinished drywall (no T&J)	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
224-YES-64-17A-Sheet Flooring 322222507-0023	MB - staff RR - NW corner - Sheet flooring & brown glue - LT blue mosaic pattern	Blue Fibrous Heterogeneous	20% Cellulose 3% Glass	77% Non-fibrous (Other)	None Detected

Initial report from: 11/14/2022 10:06:00



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<b>LA Testing Order:</b> 322222507 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> 22YES-64 <b>Project ID:</b>
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
224-YES-64-17A-Glue  322222507-0023A	MB - staff RR - NW corner - Sheet flooring & brown glue - LT blue mosaic pattern	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-20A-Sheet Flooring  322222507-0024	MB - CR 2's S girls rr - SE corner - Sheet flooring & brown glue - pink/blue/cream sand pattern	Blue Fibrous Heterogeneous	10% Synthetic	90% Non-fibrous (Other)	None Detected
224-YES-64-20A-Glue  322222507-0024A	MB - CR 2's S girls rr - SE corner - Sheet flooring & brown glue - pink/blue/cream sand pattern	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-20A  322222507-0024B	MB - CR 2's S girls rr - SE corner - Sheet flooring & brown glue - pink/blue/cream sand pattern	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-21A  322222507-0025	MB - boys student rr - at existing damage (near CR 2) - Ceramic floor tile grout - brown (2" grey)	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-22A  322222507-0026	MB - girls student rr - at entry (near CR 2) - Ceramic floor tile grout - white (4" Lt GREY)	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-24A-Drywa II  322222507-0027	MB - attic above boys & girls rr - east side south end - Unfinished drywall with tape & joint compound	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
224-YES-64-24A-Joint Compound  322222507-0027A	MB - attic above boys & girls rr - east side south end - Unfinished drywall with tape & joint compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-24A-Mesh  322222507-0027B	MB - attic above boys & girls rr - east side south end - Unfinished drywall with tape & joint compound	Yellow Fibrous Homogeneous	90% Glass	10% Non-fibrous (Other)	None Detected
224-YES-64-25A-Carpet  322222507-0028	MB - CR 3 - NE corner - Carpet & glue - blue with white	Blue Fibrous Homogeneous	98% Synthetic	2% Non-fibrous (Other)	None Detected
224-YES-64-25A-Glue  322222507-0028A	MB - CR 3 - NE corner - Carpet & glue - blue with white	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-26A-Sheet Flooring  322222507-0029	MB - CR 3 - west side center - Sheet flooring & glue - grey mosaic pattern	Gray Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 11/14/2022 10:06:00



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<b>LA Testing Order:</b> 322222507 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> 22YES-64 <b>Project ID:</b>
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
224-YES-64-26A-Glue  322222507-0029A	MB - CR 3 - west side center - Sheet flooring & glue - grey mosaic pattern	Yellow/Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-26B-Sheet Flooring  322222507-0030 <i>No Glue present for analysis</i>	MB - academic coach restroom - at entry - Sheet flooring & glue - grey mosaic pattern	Gray Fibrous Heterogeneous	20% Cellulose 5% Synthetic	75% Non-fibrous (Other)	None Detected
224-YES-64-27A-Sheet Flooring  322222507-0031	MB - CR 3 - west wall south end - Sheet flooring & glue - purple with black/white flecks	White/Black/Purple Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
224-YES-64-27A-Glue  322222507-0031A	MB - CR 3 - west wall south end - Sheet flooring & glue - purple with black/white flecks	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-28A-Sheet Vinyl  322222507-0032	MB - CR 3 - west counter top - Sheet vinyl & brown glues - blue fabric pattern	Blue Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
224-YES-64-28A-Glue  322222507-0032A	MB - CR 3 - west counter top - Sheet vinyl & brown glues - blue fabric pattern	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-28B-Sheet Vinyl  322222507-0033 <i>No glue present for analysis</i>	MB - CR 8 - at sink - Sheet vinyl & brown glues - blue fabric pattern	Brown/Blue Non-Fibrous Homogeneous	8% Cellulose	92% Non-fibrous (Other)	None Detected
224-YES-64-31A  322222507-0034	MB - CR 6 - north side window infill - Unfinished drywall - painted	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
224-YES-64-31B  322222507-0035	MB - CR 6 - south side window infill - Unfinished drywall - painted	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
224-YES-64-32A-Sheet Flooring  322222507-0036	MB - HR SE restroom - at entry - Sheet flooring & glue - dark blue/ grey mosaic pattern	Gray/Blue Fibrous Heterogeneous	5% Synthetic 5% Glass	90% Non-fibrous (Other)	None Detected
224-YES-64-32A-Glue  322222507-0036A	MB - HR SE restroom - at entry - Sheet flooring & glue - dark blue/ grey mosaic pattern	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-32A-Leveling Compound  322222507-0036B	MB - HR SE restroom - at entry - Sheet flooring & glue - dark blue/ grey mosaic pattern	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-33A-Sheet Flooring  322222507-0037	MB - room between academic coach & west adj. office - Sheet flooring & glue - solid cream	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 11/14/2022 10:06:00



# LA Testing

520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982

<http://www.LATesting.com> / [pasadenalab@latesting.com](mailto:pasadenalab@latesting.com)

<b>LA Testing Order:</b> 322222507 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> 22YES-64 <b>Project ID:</b>
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
224-YES-64-33A-Glue 322222507-0037A	MB - room between academic coach & west adj. office - Sheet flooring & glue - solid cream	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-33A-Leveling Compound 322222507-0037B	MB - room between academic coach & west adj. office - Sheet flooring & glue - solid cream	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-34A-Carpet 322222507-0038	MB - office east of CR 8 - east wall center - Carpet & glue - blue/green/red/cream multi	Various/Black Fibrous Homogeneous	98% Synthetic	2% Non-fibrous (Other)	None Detected
224-YES-64-34A-Pad 322222507-0038A	MB - office east of CR 8 - east wall center - Carpet & glue - blue/green/red/cream multi	Gray Non-Fibrous Homogeneous	3% Glass	97% Non-fibrous (Other)	None Detected
224-YES-64-34A-Glue 322222507-0038B	MB - office east of CR 8 - east wall center - Carpet & glue - blue/green/red/cream multi	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-41A-Baseboard 322222507-0039	MB - CR 9 - SW corner - Baseboard & glue - 3" black	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-41A-Glue 322222507-0039A	MB - CR 9 - SW corner - Baseboard & glue - 3" black	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-42A-Finish Coat 322222507-0040	MB - 10A - south wall at existing damage - Plaster - smooth finish	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-42A-Base Coat 322222507-0040A	MB - 10A - south wall at existing damage - Plaster - smooth finish	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-44A-Paper Jacket 322222507-0041	MB - CR 9 - unit ventilator - Pipe straight insulation - paper jacketed fiberglass	White/Silver Fibrous Heterogeneous	45% Cellulose 10% Glass	45% Non-fibrous (Other)	None Detected
224-YES-64-44A-Glue 322222507-0041A	MB - CR 9 - unit ventilator - Pipe straight insulation - paper jacketed fiberglass	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-44A-Insulation 322222507-0041B	MB - CR 9 - unit ventilator - Pipe straight insulation - paper jacketed fiberglass	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
224-YES-64-45A 322222507-0042	MB - attic above CRS 9-14 - at CR 9 access - Blown - in insulation - pink fiberglass	Pink Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected

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LA Testing Order: 322222507 Page 141 of 198

Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

Analyst(s)

*Nahid Motamedi (66)*

*Yisely Sanchez (18)*

Jerry Drapala Ph.D, Laboratory Manager  
or Other Approved Signatory

LA Testing maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by LA Testing. LA Testing bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore LA Testing recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Initial report from: 11/14/2022 10:06:00



Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/9/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>(Signature)</i>	Date	11/10/2022
Received By	Annette McKissack <i>(Signature)</i> (Rbx)	Date	11/11/2022 9:40

22YES-64-01C	CARPET SQUARES & GLUE – BLUE/GREY STRIPED MB - CR 14 – NW CORNER
22YES-64-06C	FIBERGLASS BATT INSULATION – PAPER JACKETED MB – HALLWAY ADJ. TO KITCHEN – WEST SIDE CENTER
22YES-64-12C	BASEBOARD & BROWN GLUE 3" BLUE MB – HALLWAY ADJ. TO LIBRARY – NORTH WALL WEST END
22YES-64-21B	CERAMIC FLOOR TILE GROUT – BROWN MB – WOMEN'S RR – AT EXISTING DAMAGE (2" GREY)
22YES-64-25B	CARPET & GLUE – BLUE WITH WHITE MB – LIBRARY – SE AREA
22YES-64-34B	CARPET & GLUE – BLUE/GREEN/RED/CREAM MULTI CRS 17-22 – CR 17 – NORTH SIDE UNDER CABINET
22YES-64-34C	CARPET & GLUE – BLUE/GREEN/RED/CREAM MULTI CRS 17-22 – CR 20 – NORTH SIDE UNDER CABINET
22YES-64-37A	LAY-IN PANEL – 2'X4' GOUGE PH MB – HALLWAY ADJ. TO KITCHEN – WEST SIDE CENTER
22YES-64-37B	LAY-IN PANEL – 2'X4' GOUGE PH MB – RM 10A – NW CORNER OF CEILING
22YES-64-39A	ACOUSTIC CEILING TILE 12" & BROWN GLUES – UNIFORM HOLES MB – RM 10A – NW CORNER OF CEILING



Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/9/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell	Date	11/10/2022
Received By	Annette McKissack (EPA)	Date	11/11/2022 940

SAMPLE ID	1 <sup>st</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-40A	PLASTER – SANDED FINISH
	MB – RM 10A – NW CORNER OF CEILING
22YES-64-41B	BASEBOARD & GLUE 3" BLACK
	MB – CR 14 – UNDER CABINET
22YES-64-44B	PIPE STRAIGHT INSULATION PAPER JACKETED
	MB – LIBRARY – ON UNIT VENTILATOR
22YES-64-47A	COUNTER TOP MATERIAL & BROWN GLUE – GREEN FABRIC PATTERN
	MB – CR 10 – WEST BACKSPLASH
22YES-64-48A	COUNTER TOP MATERIAL & BROWN GLUE – BROWN/CREAM MOSAIC
	MB – CR 3 – AT SINK
22YES-64-48B	COUNTER TOP MATERIAL & BROWN GLUE – BROWN/CREAM MOSAIC
	CRS 17-22 – CR 21 – WEST COUNTER
22YES-64-48C	COUNTER TOP MATERIAL & BROWN GLUE – BROWN/CREAM MOSAIC
	MB – MUSIC ROOM – NE COUNTER
22YES-64-49A	ACOUSTIC CEILING TILE 12" & BLACK GLUE – FISSURE PH PATTERN
	MB – HALLWAY – WHERE BOTH AGES OF HALLWAY MEET IN ALCOVE
22YES-64-51A	FLOOR TILE & GLUE 12" DK BLUE OATMEAL
	MB – HALLWAY ADJ. TO KITCHEN – NW CORNER
22YES-64-52A	FLOOR TILE & GLUE 12" GREY/BLUE OATMEAL
	MB – HALLWAY ADJ TO LIBRARY -AT EXISTING DAMAGE





**YES Environmental, Inc.**

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1201 24<sup>TH</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/9/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell	Date	11/10/2022
Received By	Annette Adkissack (EHR)	Date	11/11/2022 940

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-53A	CONCEALED LT BROWN TILE & BLACK MASTIC
	MB – HALLWAY ADJ. TO LIBRARY – AT EXISTING DAMAGE
22YES-64-54A	WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMPOSITION ROOFING & FELTS
	MB – ROOF 3-8 – CENTER OF ROOF
22YES-64-54B	WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMPOSITION ROOFING & FELTS
	MB – ROOF 1-2 – WEST SIDE CENTER
22YES-64-54C	WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMPOSITION ROOFING & FELTS
	MB – ROOF 9-14 – WEST SIDE CENTER
22YES-64-55A	ROOF MASTIC – GREY/BLACK & SILVER PAINT
	MB – ROOF 3-8 – EAST END SOUTH SIDE AT VENT PIPE
22YES-64-55B	ROOF MASTIC – GREY/BLACK
	MB - ROOF 9-14 – EAST END AT HVAC UNIT CURB
22YES-64-55C	ROOF MASTIC – GREY/BLACK & SILVER PAINT
	MB – ROOF 3-8 – EAST END MIDDLE
22YES-64-57A	BASEBOARD & OFF-WHITE GLUE 4" BLUE
	CRS 17-22 – CR 18 – NORTH SIDE UNDER CABINET
22YES-64-57B	BASEBOARD & OFF-WHITE GLUE 4" BLUE
	CRS 17-22 – CR 20 – NORTH SIDE UNDER CABINET
22YES-64-59A	SHEET VINYL & BROWN MASTIC – GREEN STRIPED
	CRS 17-22 – CR 19 – NW COUNTER



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Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/9/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>KY</i>	Date	11/10/2022
Received By	Annette McKissack (EHC)	Date	11/11/2022 940

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-59B	SHEET VINYL & BROWN MASTIC – GREEN STRIPED
	CRS 17-22 – CR 20 – NW COUNTER
22YES-64-60A	SHEET VINYL & BROWN MASTIC – DK WOOD GRAIN
	CRS 17-22 – CR 18 – WEST SIDE COUNTER
22YES-64-60B	SHEET VINYL & BROWN MASTIC – DK WOOD GRAIN
	CRS 17-22 – CR 21 – WEST ANGLED COUNTER
22YES-64-60C	SHEET VINYL & BROWN MASTIC – DK WOOD GRAIN
	MB – CR 10 – AT SINK COUNTER TOP
22YES-64-61A	CARPET & GLUE – BLACK WITH WHITE DOTS
	CRS 17-22 – CR 21 – AT NORTH ENTRY
22YES-64-61B	CARPET & GLUE – BLACK WITH WHITE DOTS
	CRS 17-22 – CR 18 – AT NORTH SIDE EAST END
22YES-64-62A	LAY-IN PANELS 2'X4' GOUGE PH PATTERN
	CRS 17-22 – CR 18 – EAST SIDE CENTER
22YES-64-62B	LAY-IN PANELS 2'X4' GOUGE PH PATTERN
	CRS 17-22 – CR 21 – NE AREA OF CEILING
22YES-64-63A	FIBERGLASS BATT INSULATION PAPER JACKETED
	CRS 17-22 – CR 17 – WEST SIDE ABOVE FCP
22YES-64-63B	FIBERGLASS BATT INSULATION PAPER JACKETED
	CRS 17-22 – CR 22 – NE AREA OF CEILING



# YES Environmental, Inc.

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Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/9/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES - MOD Insp		
Submitted By	Kristy Yowell	Date	11/10/2022
Received By	Annette McKissack (E/R)	Date	11/11/2022 0140

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION - 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-64A	FIBERGLASS BATT INSULATION BLACK PAPER JACKETED
	CRS 17-22 - CR 17 - WEST SIDE ABOVE ORIGINAL CEILING
22YES-64-64B	FIBERGLASS BATT INSULATION BLACK PAPER JACKETED
	CRS 17-22 - CR 22 - NE CEILING AREA
22YES-64-65A	PIPE STRAIGHT INSULATION PAPER JACKETED FIBERGLASS
	CRS 17-22 - MECH RM (ADJ. TO CR 19) - ON PIPE STRAIGHT
22YES-64-66A	WHITE/CHALKY DOOR INSULATION
	CRS 17-22- MECH RM DOOR - AT EXTERIOR DAMAGE
22YES-64-67A	PLASTER - SANDED FINISH
	CRS 17-22 - CUSTODIAL RM (ADJ. TO CR 19) AT ENTRY
22YES-64-68A	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB - 1-2 - MIDDLE OF CR 2 EAST END
22YES-64-68B	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB - 9-14 - NORTH SIDE EAST AREA
22YES-64-68C	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB - 9-14 - SE CORNER
22YES-64-68D	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB - 9-14 - SOUTH SIDE EAST END AT DOOR
22YES-64-68E	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB - 3-8 - SW CORNER OF SOUTH WALL



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Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/9/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES - MOD Insp		
Submitted By	Kristy Yowell <i>KY</i>	Date	11/10/2022
Received By	Annette Mekissarak (ehc)	Date	11/11/2022 940

SAMPLE ID	1 <sup>st</sup> LINE: MATERIAL DESCRIPTION - 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-68F	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB - 3-8 - EAST END SOUTH SIDE AT DOOR INFILL
22YES-64-68G	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB - 3-8 - SOUTH SIDE CENTER AT DOOR STEPS
22YES-64-68H	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB - 3-8 - NORTH SIDE AT CR 5 DOOR
22YES-64-68I	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB - 1-2 - EAST SIDE NORTH END AT CORNER
22YES-64-69A	EXTERIOR WINDOW PUTTY - CREAM
	MB - 1-2 - NORTH SIDE EAST CORNER
22YES-64-69B	EXTERIOR WINDOW PUTTY - CREAM
	MB - 1-2 - EAST SIDE CENTER
22YES-64-69C	EXTERIOR WINDOW PUTTY - CREAM
	MB - 3-8 - NORTH SIDE MIDDLE OF CR 5
22YES-64-69D	EXTERIOR WINDOW PUTTY - CREAM
	MB - 9-14 - NORTH SIDE CENTER
22YES-64-69E	EXTERIOR WINDOW PUTTY - GREY
	MB - 9-14 - NORTH SIDE AT CR 12
22YES-64-69F	EXTERIOR WINDOW PUTTY - CREAM
	MB - 3-8 - SOUTH SIDE CENTER ABOVE DOUBLE DOOR



**YES Environmental, Inc.**

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1201 24<sup>TH</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Contact Name & Phone Number		Kristy Yowell (661) 477-4662		Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>		TYPE OF ANALYSIS AND TURN AROUND TIME		
Collected By	Kristy Yowell		PLM with Dispersion Staining		
Date Samples Collected	11/9/2022		72 Hour		
Job # & Client	22YES-64 Bakersfield City School District		LAB	LA TESTING	
Job Site Name & Description	Horace Mann ES – MOD Insp				
Submitted By	Kristy Yowell	Date	11/10/2022		
Received By	Annelie McKissack (EFC)		Date	11/11/2022 940	

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-70A	EXTERIOR BRICK & MORTAR
	MB – 9-14 – WEST END NORTH SIDE AT CORNER
22YES-64-70B	EXTERIOR BRICK & MORTAR
	MB – 9-14 – SOUTH SIDE EAST END AT CORNER
22YES-64-71A	SHEET VINYL & BROWN MASTIC – PINK WOOD GRAIN
	CRS 17-22 – CR 21 – NORTH COUNTER
22YES-64-73A	PASTER – SMOOTH FINISH
	CRS 23-27 – BOOK ROOM – WEST ALL AT ENTRY
22YES-64-74A	EXTERIOR WINDOW PUTTY – GREY
	CRS 17-27 – CR 27 – SOUTH SIDE WEST END
22YES-64-74B	EXTERIOR WINDOW PUTTY – CREAM
	CRS 17-27 – CR 25 – NORTH SIDE WEST END
22YES-64-74C	EXTERIOR WINDOW PUTTY – GREY
	CRS 17-27 – CR 24 – NORTH SIDE EAST END
22YES-64-74D	EXTERIOR WINDOW PUTTY – CREAM
	CRS 17-27 – CR 23 – SOUTH SIDE EAST END
22YES-64-74E	EXTERIOR WINDOW PUTTY – GREY
	CRS 17-27 – CR 22 – SOUTH SIDE WEST END
22YES-64-74F	EXTERIOR WINDOW PUTTY – CREAM
	CRS 17-27 – CR 18 – SOUTH SIDE EAST END



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Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/9/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>KY</i>	Date	11/10/2022
Received By	Annette McKissack (Ely)	Date	11/11/2022 940

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-74G	EXTERIOR WINDOW PUTTY – OLD GREY & NEW GREY 2 AGES
	CRS 17-27 – CR 21 – NORTH SIDE CENTER
22YES-64-75A	FIBERGLASS PIPE INSULATION CLOTH JACKETED
	CRS 17-27 – CR 18 – NE AREA ABOVE ORIGINAL CEILING
22YES-64-75B	FIBERGLASS PIPE INSULATION CLOTH JACKETED
	CRS 17-27 – CR 20 – NE AREA ABOVE ORIGINAL CEILING
22YES-64-76A	EXTERIOR STUCCO & VAPOR BARRIER
	CRS 17-27 – EAST WALL OF CRS 20-22 - CENTER
22YES-64-76B	EXTERIOR STUCCO & VAPOR BARRIER
	CRS 17-27 – WEST SIDE 25-27 – UNDER DRINKING FOUNTAIN
22YES-64-76C	EXTERIOR STUCCO & VAPOR BARRIER
	CRS 17-27 – SOUTH WALL 24-23 – CENTER OF WALL
22YES-64-76D	EXTERIOR STUCCO & VAPOR BARRIER
	CRS 17-27 – NORTH WALL OF 17-19 – CENTER
22YES-64-76E	EXTERIOR STUCCO & VAPOR BARRIER
	CRS 17-27 – SOUTH WALL OF 22-23 EAST END
22YES-64-76F	EXTERIOR STUCCO
	CRS 17-27 – NORTH SIDE 17-19 – SOFFIT EAST END
22YES-64-76G	EXTERIOR STUCCO
	CRS 17-27 – SOUTH SIDE OF 25-27 CENTER OF SOFFIT





# LA Testing

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LA Testing Order: 322222593  
Page 151 of 198

Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

**Attention:** Kristy Yowell  
YES Environmental, Inc.  
13708 Carpaccio Lane  
Bakersfield, CA 93306

**Phone:** (661) 477-4662

**Fax:**

**Received Date:** 11/11/2022 9:40 AM

**Analysis Date:** 11/15/2022

**Collected Date:** 11/09/2022

**Project:** 22YES-64 Bakersfield City School District/ Horace Mann ES - MOD Insp

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-01C-Carpet 322222593-0001	Mb - cr 14 - nw corner - carpet squares & glue - blue/grey striped	Gray/Blue Fibrous Homogeneous	10% Cellulose 85% Synthetic	5% Non-fibrous (Other)	None Detected
<i>No glue present for analysis</i>					
22YES-64-01C-Padding 322222593-0001A	Mb - cr 14 - nw corner - carpet squares & glue - blue/grey striped	Gray Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
22YES-64-06C-Wrap 322222593-0002	Mb - hallway adj. to kitchen - west side center - fiberglass batt insulation - paper jacketed	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
22YES-64-06C-Tar 322222593-0002A	Mb - hallway adj. to kitchen - west side center - fiberglass batt insulation - paper jacketed	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-06C-Insulation 322222593-0002B	Mb - hallway adj. to kitchen - west side center - fiberglass batt insulation - paper jacketed	Pink Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-12C-Baseboard 322222593-0003	Mb - hallway adj. to library - north wall west end - baseboard & brown glue 3" blue	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-12C-Glue 322222593-0003A	Mb - hallway adj. to library - north wall west end - baseboard & brown glue 3" blue	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-21B 322222593-0004	Mb - women's rr - at existing damage (2" grey) - ceramic floor tile grout - brown	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-25B-Carpet 322222593-0005	Mb - library - se area - carpet & glue - blue with white	White/Blue Fibrous Homogeneous	95% Synthetic	5% Non-fibrous (Other)	None Detected
22YES-64-25B-Glue 322222593-0005A	Mb - library - se area - carpet & glue - blue with white	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-34B-Carpet 322222593-0006	Crs 17-22 - cr17 - north side under cabinet - carpet & glue - blue/green/red/cream mutli	Blue/Green/Gold Fibrous Homogeneous	95% Synthetic	5% Non-fibrous (Other)	None Detected

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LA Testing Order: 32222593 Page 152 of 198

Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-34B-Padding 32222593-0006A	Crs 17-22 - cr17 - north side under cabinet - carpet & glue - blue/green/red/cream mutli	Tan Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
22YES-64-34B-Glue 32222593-0006B	Crs 17-22 - cr17 - north side under cabinet - carpet & glue - blue/green/red/cream mutli	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-34C-Carpet 32222593-0007	Crs 17-22 - cr17 - north side under cabinet - carpet & glue - blue/green/red/cream mutli	Black/Blue/Green Fibrous Homogeneous	95% Synthetic	5% Non-fibrous (Other)	None Detected
22YES-64-34C-Padding 32222593-0007A	Crs 17-22 - cr17 - north side under cabinet - carpet & glue - blue/green/red/cream mutli	Tan Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
22YES-64-34C-Glue 32222593-0007B	Crs 17-22 - cr17 - north side under cabinet - carpet & glue - blue/green/red/cream mutli	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-37A 32222593-0008	Mb - hallway adj. to kitchen - west side center - lay-in panel - 2'x4' gouge ph	White/Beige Fibrous Homogeneous	40% Cellulose 10% Min. Wool	30% Perlite 20% Non-fibrous (Other)	None Detected
22YES-64-37B 32222593-0009	Mb - rm 10a - nw corner of ceiling - lay-in panel - 2'x4' gouge ph	White/Beige Fibrous Heterogeneous	40% Cellulose 10% Min. Wool	30% Perlite 20% Non-fibrous (Other)	None Detected
22YES-64-39A 32222593-0010	Mb - rm 10a - nw corner of ceiling - acoustic ceiling tile 12" & brown glues - uniform holes	Brown/White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
22YES-64-40A 32222593-0011	Mb - rm 10a - nw corner of ceiling - plaster - sanded finish	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-41B-Baseboard 32222593-0012	Mb - cr 14 - under cabinet - baseboard & glue 3" black	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-41B-Glue 1 32222593-0012A	Mb - cr 14 - under cabinet - baseboard & glue 3" black	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-41B-Glue 2 32222593-0012B	Mb - cr 14 - under cabinet - baseboard & glue 3" black	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-44B-Wrap 32222593-0013	Mb - library - on unit ventilator - pipe straight insulation paper jacketed	Silver/Beige Fibrous Homogeneous	40% Cellulose 10% Glass	50% Non-fibrous (Other)	None Detected

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<b>LA Testing Order:</b> 322222593 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> 22YES-64 <b>Project ID:</b>
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-44B-Insulation 322222593-0013A	Mb - library - on unit ventilator - pipe straight insulation paper jacketed	Yellow Non-Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-47A-Laminated 322222593-0014	Mb - cr 10 west backsplash - counter top material & brown glue - green fabric pattern	Green Non-Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
22YES-64-47A-Glue 322222593-0014A	Mb - cr 10 west backsplash - counter top material & brown glue - green fabric pattern	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-48A-Sheet Vinyl 322222593-0015	Mb - cr3 - at sink - counter top material & brown glue - brown/cream mosaic	Brown/Beige Fibrous Heterogeneous	15% Cellulose 3% Synthetic 3% Glass	79% Non-fibrous (Other)	None Detected
22YES-64-48A-Mastic 322222593-0015A	Mb - cr3 - at sink - counter top material & brown glue - brown/cream mosaic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-48B-Sheet Vinyl 1 322222593-0016	Crs 17-22 - cr21 - west corner - counter top material & brown glue - brown/cream mosaic	Brown/Beige Fibrous Heterogeneous	15% Cellulose 5% Synthetic 3% Glass	77% Non-fibrous (Other)	None Detected
22YES-64-48B-Mastic 1 322222593-0016A	Crs 17-22 - cr21 - west corner - counter top material & brown glue - brown/cream mosaic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-48B-Sheet Vinyl 2 322222593-0016B	Crs 17-22 - cr21 - west corner - counter top material & brown glue - brown/cream mosaic	Red/Green/Beige Fibrous Heterogeneous	20% Cellulose 5% Synthetic	75% Non-fibrous (Other)	None Detected
22YES-64-48B-Mastic 2 322222593-0016C	Crs 17-22 - cr21 - west corner - counter top material & brown glue - brown/cream mosaic	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-48B-Felt Backing 322222593-0016D	Crs 17-22 - cr21 - west corner - counter top material & brown glue - brown/cream mosaic	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
22YES-64-48B-Mastic 3 322222593-0016E	Crs 17-22 - cr21 - west corner - counter top material & brown glue - brown/cream mosaic	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-48C-Sheet Vinyl 322222593-0017	Mb - music room - ne counter - counter top material & brown glue - brown/cream mosaic	Brown/Beige Fibrous Heterogeneous	5% Cellulose	80% Non-fibrous (Other)	15% Chrysotile
22YES-64-48C-Glue 322222593-0017A	Mb - music room - ne counter - counter top material & brown glue - brown/cream mosaic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-49A-Ceiling Tile 322222593-0018	Mb - hallway - hallway - where both ages of hallway meet in alcove - acoustic ceiling tile 12" & black glue - fissured ph pattern	Gray/White Fibrous Homogeneous	40% Cellulose 20% Min. Wool	20% Perlite 20% Non-fibrous (Other)	None Detected
22YES-64-49A-Glue 322222593-0018A	Mb - hallway - hallway - where both ages of hallway meet in alcove - acoustic ceiling tile 12" & black glue - fissured ph pattern	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-51A-Floor Tile 322222593-0019	Mb - hallway adj. to kitchen - nw corner - floor tile & glue 12" dk blue oatmeal	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-51A-Glue 322222593-0019A	Mb - hallway adj. to kitchen - nw corner - floor tile & glue 12" dk blue oatmeal	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-52A-Floor Tile 322222593-0020	Mb - hallway adj. to library - at existing damage - floor tile & glue 12" grey/blue oatmeal	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-52A-Glue 322222593-0020A	Mb - hallway adj. to library - at existing damage - floor tile & glue 12" grey/blue oatmeal	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-53A-Floor Tile 322222593-0021	Mb - hallway adj. to library - at existing damage - concealed lt brown tile & black mastic	Brown/Tan Non-Fibrous Homogeneous		96% Non-fibrous (Other)	4% Chrysotile
22YES-64-53A-Mastic 322222593-0021A	Mb - hallway adj. to library - at existing damage - concealed lt brown tile & black mastic	Black Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
22YES-64-54A-Coating 322222593-0022	Mb - roof 3-8 - center of roof - white coating on foam on silver paint on rolled composition roofing & felts	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-54A-Foam 322222593-0022A	Mb - roof 3-8 - center of roof - white coating on foam on silver paint on rolled composition roofing & felts	Yellow/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-54A-Silver Paint 322222593-0022B	Mb - roof 3-8 - center of roof - white coating on foam on silver paint on rolled composition roofing & felts	Gray/Black/Silver Fibrous Heterogeneous		95% Non-fibrous (Other)	5% Chrysotile

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<b>LA Testing Order:</b> 322222593 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> 22YES-64 <b>Project ID:</b>
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-54A-Roofing 322222593-0022C	Mb - roof 3-8 - center of roof - white coating on foam on silver paint on rolled composition roofing & felts	Gray/Black Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
22YES-64-54A-Felt 1 322222593-0022D	Mb - roof 3-8 - center of roof - white coating on foam on silver paint on rolled composition roofing & felts	Black/Silver Fibrous Homogeneous	10% Cellulose	70% Non-fibrous (Other)	20% Chrysotile
22YES-64-54A-Felt 2 322222593-0022E	Mb - roof 3-8 - center of roof - white coating on foam on silver paint on rolled composition roofing & felts	Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
22YES-64-54B-Coating 322222593-0023	Mb - roof 1-2 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>No roofing present for analysis</i>					
22YES-64-54B-Foam 322222593-0023A	Mb - roof 1-2 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Yellow/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-54B-Silver Paint 322222593-0023B	Mb - roof 1-2 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Silver Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
22YES-64-54B-Tar 322222593-0023C	Mb - roof 1-2 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-54B-Felts 322222593-0023D	Mb - roof 1-2 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Black Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-54C-Coating 322222593-0024	Mb - roof 9-14 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-54C-Foam 322222593-0024A	Mb - roof 9-14 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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LA Testing Order: 322222593 Page 156 of 198

Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-54C-Silver Paint 322222593-0024B	Mb - roof 9-14 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Black/Silver Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
22YES-64-54C-Roofing 322222593-0024C	Mb - roof 9-14 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Black Fibrous Homogeneous	15% Cellulose 5% Synthetic	80% Non-fibrous (Other)	None Detected
22YES-64-54C-Tar 322222593-0024D	Mb - roof 9-14 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-54C-Felts 322222593-0024E	Mb - roof 9-14 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Black Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-55A-Silver Paint/Mastic 322222593-0025 <i>Unable to separate</i>	Mb - roof 3-8 - east end south side at vent pipe - roof mastic - grey/black & silver paint	Black/Silver Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
22YES-64-55A-Felt 322222593-0025A	Mb - roof 3-8 - east end south side at vent pipe - roof mastic - grey/black & silver paint	Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
22YES-64-55B-Mastic 322222593-0026	Mb - roof 9-14 - east end at hvac unit curb - roof mastic - grey/black	Black Non-Fibrous Homogeneous	8% Synthetic	92% Non-fibrous (Other)	None Detected
22YES-64-55B-Foam 322222593-0026A	Mb - roof 9-14 - east end at hvac unit curb - roof mastic - grey/black	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-55C-Mastic 322222593-0027	Mb - roof 3-8 - east end middle - roof mastic - grey/black & silver paint	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-55C-Felt 322222593-0027A	Mb - roof 3-8 - east end middle - roof mastic - grey/black & silver paint	Black Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-55C-Silver Paint 322222593-0027B	Mb - roof 3-8 - east end middle - roof mastic - grey/black & silver paint	Black/Silver Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
22YES-64-55C-Foam 322222593-0027C	Mb - roof 3-8 - east end middle - roof mastic - grey/black & silver paint	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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LA Testing Order: 322222593 Page 157 of 198

Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-57A-Baseboard 322222593-0028	Crs 17-22 - cr 18 - north side under cabinet - baseboard & off-white glue 4" blue	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-57A-Glue 322222593-0028A	Crs 17-22 - cr 18 - north side under cabinet - baseboard & off-white glue 4" blue	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-57B-Baseboard 322222593-0029	Crs 17-22 - cr 20 - north side under cabinet - baseboard & off-white glue 4" blue	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-57B-Glue 322222593-0029A	Crs 17-22 - cr 20 - north side under cabinet - baseboard & off-white glue 4" blue	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-59A-Sheet Vinyl 322222593-0030	Crs 17-22 - cr 19 - nw counter - sheet vinyl & brown mastic - green striped	Green Fibrous Heterogeneous	25% Cellulose 5% Synthetic	70% Non-fibrous (Other)	None Detected
22YES-64-59A-Mastic 322222593-0030A	Crs 17-22 - cr 19 - nw counter - sheet vinyl & brown mastic - green striped	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-59B-Sheet Vinyl 322222593-0031	Crs 17-22 - cr 20 - nw counter - sheet vinyl & brown mastic - green striped	Green Fibrous Heterogeneous	25% Cellulose 5% Synthetic	70% Non-fibrous (Other)	None Detected
22YES-64-59B-Mastic 322222593-0031A	Crs 17-22 - cr 20 - nw counter - sheet vinyl & brown mastic - green striped	Brown/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-59B-Felt Backing 322222593-0031B	Crs 17-22 - cr 20 - nw counter - sheet vinyl & brown mastic - green striped	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
22YES-64-60A-Sheet Vinyl 322222593-0032	Crs 17-22 - cr 18 - west side counter - sheet vinyl & brown mastic - dk wood grain	Brown Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
22YES-64-60A-Mastic 322222593-0032A	Crs 17-22 - cr 18 - west side counter - sheet vinyl & brown mastic - dk wood grain	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-60B-Sheet Vinyl 322222593-0033	Crs 17-22 - cr 21 - west angled counter - sheet vinyl & brown mastic - dk wood grain	Brown/Green Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
22YES-64-60B-Mastic 322222593-0033A	Crs 17-22 - cr 21 - west angled counter - sheet vinyl & brown mastic - dk wood grain	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-60C-Sheet Vinyl 322222593-0034	Mb - cr 10 - at sink counter top - sheet vinyl & brown mastic - dk wood grain	Brown Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
22YES-64-60C-Mastic 322222593-0034A	Mb - cr 10 - at sink counter top - sheet vinyl & brown mastic - dk wood grain	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-61A-Carpet 322222593-0035	Crs 17-22 - cr 21 - at north entry - carpet & glue - black with white dots	White/Black Fibrous Homogeneous	95% Synthetic	5% Non-fibrous (Other)	None Detected
22YES-64-61A-Padding 322222593-0035A	Crs 17-22 - cr 21 - at north entry - carpet & glue - black with white dots	Tan Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
22YES-64-61A-Glue 322222593-0035B	Crs 17-22 - cr 21 - at north entry - carpet & glue - black with white dots	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-61B-Carpet 322222593-0036	Crs 17-22 - cr 18 - at north side east end - carpet & glue - black with white dots	White/Black Fibrous Homogeneous	95% Synthetic	5% Non-fibrous (Other)	None Detected
22YES-64-61B-Padding 322222593-0036A	Crs 17-22 - cr 18 - at north side east end - carpet & glue - black with white dots	Tan Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
22YES-64-61B-Glue/Leveling Compound 322222593-0036B <i>Unable to Separate</i>	Crs 17-22 - cr 18 - at north side east end - carpet & glue - black with white dots	Yellow/Beige/Clear Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-62A 322222593-0037	Crs 17-22 - cr 18 - east side center - lay-in panel - 2'x4' gouge ph pattern	Gray/White Fibrous Homogeneous	40% Cellulose 10% Min. Wool	30% Perlite 20% Non-fibrous (Other)	None Detected
22YES-64-62B 322222593-0038	Crs 17-22 - cr 21 - ne area of ceiling - lay-in panel - 2'x4' gouge ph pattern	Gray/White Fibrous Heterogeneous	40% Cellulose 10% Min. Wool	30% Perlite 20% Non-fibrous (Other)	None Detected
22YES-64-63A-Wrap 322222593-0039	Crs 17-22 - cr 17 - west side above fcp - fiberglass batt insulation paper jacketed	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
22YES-64-63A-Tar 322222593-0039A	Crs 17-22 - cr 17 - west side above fcp - fiberglass batt insulation paper jacketed	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-63A-Insulation 322222593-0039B	Crs 17-22 - cr 17 - west side above fcp - fiberglass batt insulation paper jacketed	Pink Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected

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Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-63B-Wrap 322222593-0040	Crs 17-22 - cr 22 - ne area of ceiling - fiberglass batt insulation paper jacketed	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
22YES-64-63B-Tar 322222593-0040A	Crs 17-22 - cr 22 - ne area of ceiling - fiberglass batt insulation paper jacketed	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-63B-Insulation 322222593-0040B	Crs 17-22 - cr 22 - ne area of ceiling - fiberglass batt insulation paper jacketed	Pink Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-64A-Wrap 322222593-0041	Crs 17-22 - cr 17 - west side above original ceiling - fiberglass batt insulation black paper jacketed	Black Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
22YES-64-64A-Insulation 322222593-0041A	Crs 17-22 - cr 17 - west side above original ceiling - fiberglass batt insulation black paper jacketed	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-64B-Wrap 322222593-0042	Crs 17-22 - cr 22 - ne ceiling area - fiberglass batt insulation black paper jacketed	Black Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
22YES-64-64B-Insulation 322222593-0042A	Crs 17-22 - cr 22 - ne ceiling area - fiberglass batt insulation black paper jacketed	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-65A-Wrap 322222593-0043	Crs 17-22 - mech rm (adj. to cr 19) - on pipe straight - pipe straight insulation paper jacketed fiberglass	White Fibrous Homogeneous	60% Cellulose 30% Glass	10% Non-fibrous (Other)	None Detected
22YES-64-65A-Insulation 322222593-0043A	Crs 17-22 - mech rm (adj. to cr 19) - on pipe straight - pipe straight insulation paper jacketed fiberglass	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-66A 322222593-0044	Crs 17-22 - mech rm door - at exterior damage - white/chalky door insulation	White Fibrous Homogeneous		88% Non-fibrous (Other)	12% Chrysotile
22YES-64-67A-Finish Coat 322222593-0045	Crs 17-22 - custodial rm (adj. to cr 19) at entry - plaster - sanded finish	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-67A-Base Coat <small>32222593-0045A</small>	Crs 17-22 - custodial rm (adj. to cr 19) at entry - plaster - sanded finish	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68A-Skim Coat <small>32222593-0046</small>	Mb - 1-2 - middle of cr 2 east end - sanded finish stucco (on concrete wall)	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68A-Stucco <small>32222593-0046A</small>	Mb - 1-2 - middle of cr 2 east end - sanded finish stucco (on concrete wall)	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68B-Skim Coat <small>32222593-0047</small>	Mb - 9-14 - north side east area - sanded finish stucco (on concrete wall)	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68B-Stucco <small>32222593-0047A</small>	Mb - 9-14 - north side east area - sanded finish stucco (on concrete wall)	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68C-Skim Coat <small>32222593-0048</small>	Mb - 9-14 - se corner - sanded finish stucco (on concrete wall)	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68C-Finish Coat <small>32222593-0048A</small>	Mb - 9-14 - se corner - sanded finish stucco (on concrete wall)	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68C-Base Coat <small>32222593-0048B</small>	Mb - 9-14 - se corner - sanded finish stucco (on concrete wall)	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68D-Skim Coat <small>32222593-0049</small>	Mb - 9-14 - south side east end at door - sanded finish stucco (on concrete wall)	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68D-Finish Coat <small>32222593-0049A</small>	Mb - 9-14 - south side east end at door - sanded finish stucco (on concrete wall)	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68D-Base Coat <small>32222593-0049B</small>	Mb - 9-14 - south side east end at door - sanded finish stucco (on concrete wall)	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68E <small>32222593-0050</small>	Mb - 3-8 - sw corner of south wall - sanded finish stucco (on concrete wall)	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68F <small>32222593-0051</small>	Mb - 3-8 - east end south side at door infill - sanded finish stucco (on concrete wall)	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68G-Finish Coat <small>32222593-0052</small>	Mb - 3-8 - south side center at door steps - sanded finish stucco (on concrete wall)	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-68G-Base Coat 322222593-0052A	Mb - 3-8 - south side center at door steps - sanded finish stucco (on concrete wall)	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68H-Mastic Like 322222593-0053	Mb - 3-8 - north side at cr 5 door - sanded finish stucco (on concrete wall)	Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
22YES-64-68H-Skim Coat 322222593-0053A	Mb - 3-8 - north side at cr 5 door - sanded finish stucco (on concrete wall)	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68H-Stucco 322222593-0053B	Mb - 3-8 - north side at cr 5 door - sanded finish stucco (on concrete wall)	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68I-Finish Coat 322222593-0054	Mb - 1-2 - east side north end at corner - sanded finish stucco (on concrete wall)	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68I-Base Coat 322222593-0054A	Mb - 1-2 - east side north end at corner - sanded finish stucco (on concrete wall)	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-69A-Texture 322222593-0055	Mb - 1-2 - north side east corner - exterior window putty - cream	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-69A-Window Putty 322222593-0055A	Mb - 1-2 - north side east corner - exterior window putty - cream	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-69B 322222593-0056	Mb - 1-2 - east side center - exterior window putty - cream	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-69C 322222593-0057	Mb - 3-8 - north side middle of cr 5 - exterior window putty - cream	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-69D 322222593-0058	Mb - 9-14 - north side center - exterior window putty - cream	White Non-Fibrous Homogeneous		3% Mica 97% Non-fibrous (Other)	None Detected
22YES-64-69E 322222593-0059	Mb - 9-14 - north side at cr 12 - exterior window putty - grey	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-69F 322222593-0060	Mb - 3-8 - south side center above double door - exterior window putty - cream	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-70A-Brick 322222593-0061	Mb - 9-14 - west end north side at corner - exterior brick & mortar	Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-70A-Mortar 322222593-0061A	Mb - 9-14 - west end north side at corner - exterior brick & mortar	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-70A-Stucco 322222593-0061B	Mb - 9-14 - west end north side at corner - exterior brick & mortar	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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<b>LA Testing Order:</b> 322222593 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> 22YES-64 <b>Project ID:</b>
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-70B-Mortar  322222593-0062 <i>No Brick Present for Analysis</i>	Mb - 9-14 - south side east end at corner - exterior brick & mortar	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-70B-Stucco  322222593-0062A	Mb - 9-14 - south side east end at corner - exterior brick & mortar	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-71A-Sheet Vinyl  322222593-0063	Crs 17-22 - cr 21 - north corner - sheet vinyl & brown mastic - pink wood grain	Red Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
22YES-64-71A-Mastic  322222593-0063A	Crs 17-22 - cr 21 - north corner - sheet vinyl & brown mastic - pink wood grain	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-73A-Finish Coat  322222593-0064	Crs 23-27 - book room - west all at entry - plaster - smooth finish	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-73A-Base Coat  322222593-0064A	Crs 23-27 - book room - west all at entry - plaster - smooth finish	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-74A  322222593-0065	Crs 17-27 - cr 27 - south side west end - exterior window putty - grey	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-74B  322222593-0066	Crs 17-27 - cr 25 - north side west end - exterior window putty - cream	Beige Non-Fibrous Homogeneous		93% Non-fibrous (Other)	7% Chrysotile
22YES-64-74C  322222593-0067	Crs 17-27 - cr 24 - north side east end - exterior window putty - grey	Gray Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
22YES-64-74D  322222593-0068	Crs 17-27 - cr 23 - south side east end - exterior window putty - cream	Beige Non-Fibrous Homogeneous		93% Non-fibrous (Other)	7% Chrysotile
22YES-64-74E  322222593-0069	Crs 17-27 - cr 22 - south side west end - exterior window putty - grey	Gray Non-Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
22YES-64-74F  322222593-0070	Crs 17-27 - cr 18 - south side east end - exterior window putty - cream	Beige Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
22YES-64-74G-Window Putty 1  322222593-0071	Crs 17-27 - cr 21 - north side center - exterior window putty - old grey & new grey 2 ages	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-74G-Window Putty 2  322222593-0071A	Crs 17-27 - cr 21 - north side center - exterior window putty - old grey & new grey 2 ages	Gray/Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-75A-Insulation 1 32222593-0072	Crs 17-27 - cr 18 - ne area above original ceiling - fiberglass pipe insulation cloth jacketed	Blue Non-Fibrous Homogeneous	65% Cellulose	35% Non-fibrous (Other)	None Detected
22YES-64-75A-Insulation 2 32222593-0072A	Crs 17-27 - cr 18 - ne area above original ceiling - fiberglass pipe insulation cloth jacketed	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-75B-Wrap 32222593-0073	Crs 17-27 - cr 20 - ne area above original ceiling - fiberglass pipe insulation cloth jacketed	Beige Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
22YES-64-75B-Insulation 32222593-0073A	Crs 17-27 - cr 20 - ne area above original ceiling - fiberglass pipe insulation cloth jacketed	Yellow/Beige Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-76A-Skim Coat 32222593-0074	Crs 17-27 - east wall of crs 20-22 - center - exterior stucco & vapor barrier	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76A-Finish Coat 32222593-0074A	Crs 17-27 - east wall of crs 20-22 - center - exterior stucco & vapor barrier	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76A-Base Coat 32222593-0074B	Crs 17-27 - east wall of crs 20-22 - center - exterior stucco & vapor barrier	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76A-Vapor Barrier 32222593-0074C	Crs 17-27 - east wall of crs 20-22 - center - exterior stucco & vapor barrier	Brown/Black Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
22YES-64-76B-Skim Coat 32222593-0075	Crs 17-27 - west side 25-27 - under drinking fountain - exterior stucco & vapor barrier	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76B-Finish Coat 32222593-0075A	Crs 17-27 - west side 25-27 - under drinking fountain - exterior stucco & vapor barrier	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76B-Base Coat 32222593-0075B	Crs 17-27 - west side 25-27 - under drinking fountain - exterior stucco & vapor barrier	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76B-Vapor Barrier 32222593-0075C	Crs 17-27 - west side 25-27 - under drinking fountain - exterior stucco & vapor barrier	Brown/Black Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
22YES-64-76C-Finish Coat 32222593-0076	Crs 17-27 - south wall 24-23 - center of wall - exterior stucco & vapor barrier	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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LA Testing Order: 32222593 Page 164 of 198

Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-76C-Base Coat <small>32222593-0076A</small>	Crs 17-27 - south wall 24-23 - center of wall - exterior stucco & vapor barrier	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76C-Vapor Barrier <small>32222593-0076B</small>	Crs 17-27 - south wall 24-23 - center of wall - exterior stucco & vapor barrier	Brown Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
22YES-64-76D-Skim Coat <small>32222593-0077</small>	Crs 17-27 - north wall of 17-19 - center - exterior stucco & vapor barrier	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76D-Finish Coat <small>32222593-0077A</small>	Crs 17-27 - north wall of 17-19 - center - exterior stucco & vapor barrier	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76D-Base Coat <small>32222593-0077B</small>	Crs 17-27 - north wall of 17-19 - center - exterior stucco & vapor barrier	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76D-Vapor Barrier <small>32222593-0077C</small>	Crs 17-27 - north wall of 17-19 - center - exterior stucco & vapor barrier	Brown/Black Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
22YES-64-76E-Finish Coat <small>32222593-0078</small>	Crs 17-27 - south wall of 22-23 east end - exterior stucco & vapor barrier	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76E-Base Coat <small>32222593-0078A</small>	Crs 17-27 - south wall of 22-23 east end - exterior stucco & vapor barrier	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76F-Finish Coat <small>32222593-0079</small>	Crs 17-27 - north side 17-19 - soffit east end - exterior stucco	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76F-Base Coat <small>32222593-0079A</small>	Crs 17-27 - north side 17-19 - soffit east end - exterior stucco	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76G-Finish Coat <small>32222593-0080</small>	Crs 17-27 - south side of 25-27 center of soffit - exterior stucco	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76G-Base Coat <small>32222593-0080A</small>	Crs 17-27 - south side of 25-27 center of soffit - exterior stucco	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76H-Finish Coat <small>32222593-0081</small>	Crs 17-27 - south side of 20-22 center of soffit - exterior stucco	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76H-Base Coat <small>32222593-0081A</small>	Crs 17-27 - south side of 20-22 center of soffit - exterior stucco	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

Analyst(s)

*James Siepler (61)*  
*Rafael Palacios (117)*

Jerry Drapala Ph.D, Laboratory Manager  
or Other Approved Signatory

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Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Initial report from: 11/16/2022 09:04:28



Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/10/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>Kristy Yowell</i>	Date	11/14/2022
Received By		Date	

22YES-64-34D	CARPET & GLUE – BLUE/GREEN/RED/CREAM MULTI
	CR 17-27 – CR 23 – NW AREA UNDER CARPET
22YES-64-34E	CARPET & GLUE – BLUE/GREEN/RED/CREAM MULTI
	CRS 17-27 – CR 26 – EAST SIDE SOUTH END
22YES-64-57C	BASEBOARD & BROWNS & YELLOW GLUES 4" BLUE
	CRS 17-27 – CR 23 – NORTH WALL AT DOOR
22YES-64-57D	BASEBOARD & BROWNS & YELLOW GLUES 4" BLUE
	CRS 17-27 – CR 25 – NORTH WALL UNDER CABINETS
22YES-64-61C	CARPET & GLUE – BLACK WITH WHITE DOTS
	CRS 17-27 – CR 24 – NW AREA
22YES-64-61D	CARPET & GLUE – BLACK WITH WHITE DOTS
	CRS 17-27 – CR 25 – NE CORNER
22YES-64-62C	LAY-IN PANELS 2'X4' GOUGE PINHOLE PATTERN
	CRS 17-27 – CR 23 – SW CORNER OF CEILING
22YES-64-62D	LAY-IN PANELS 2'X4' GOUGE PINHOLE PATTERN
	CRS 17-27 – CR 26 – NORTH SIDE NW AREA
22YES-64-63C	FIBERGLASS BATT INSULATION PAPER JACKETED
	CRS 17-27 – CR 24 – NW AREA OF CEILING
22YES-64-63D	FIBERGLASS BATT INSULATION PAPER JACKETED
	CRS 17-27 – CR 26 – NW AREA OF CEILING ABOVE LAY-IN PANEL



Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/10/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>Kristy Yowell</i>	Date	11/14/2022
Received By		Date	

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-64C	FIBERGLASS BATT INSULATION BLACK PAPER JACKETED
	CRS 17-27 – CR 24 – ABOVE ORIGINAL CEILING NW AREA
22YES-64-64D	FIBERGLASS BATT INSULATION BLACK PAPER JACKETED
	CRS 17-27 – CR 26 – NW AREA ABOVE ORIGINAL CEILING
22YES-64-71B	SHEET VINYL & BROWN MASTIC – PINK WOOD GRAIN
	CRS 17-27 – CR 27 – NORTH COUNTER
22YES-64-73B	PLASTER – SMOOTH FINISH
	CRS 17-27 – GIRLS RR (ADJ. CR 25) NW CORNER
22YES-64-75C	FIBERGLASS PIPE INSULATION CLOTH JACKETED
	CRS 17-27 – CR 24 – NW AREA ABOVE ORIGINAL CEILING
22YES-64-78A	SHEET VINYL, BURLAP BACKING & BROWN GLUE – CREAM WOOD GRAIN
	CRS 17-27 – CR 23 – WEST ANGLED COUNTER
22YES-64-78B	SHEET VINYL, BURLAP BACKING & BROWN GLUE – CREAM WOOD GRAIN
	CRS 17-27 – CR 25 – WEST ANGLED COUNTER
22YES-64-79A	CERAMIC FLOOR TILE GROUT – BROWN (1"X2" BROWNS)
	CRS 17-27 – BOYS RR (ADJ. TO CR 25) AT SINK AT EXISTING DAMAGE
22YES-64-80A	CERAMIC WALL TILE GROUT – WHITE (4" X6" CREAM W/GOLD)
	CRS 17-27 – GIRLS RR (ADJ. TO CR 25) – WEST WALL NORTH END
22YES-64-81A	CLOTH JACKET OVER MUDDERED PIPE JOINT/JUNCTION INSULATION (GREY FIBROUS)
	CRS 17-27 – CR 26 – NW AREA ABOVE ORIGINAL CEILING





Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/10/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>Kristy Yowell</i>	Date	11/14/2022
Received By		Date	

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-82A	MASTIC – BLACK/GREY – FOAMED OVER
	CRS 17-27 – ROOF – CR 23 NORTH SIDE AT VENT PIPE
22YES-64-82B	MASTIC – BLACK/GREY– FOAMED OVER
	CRS 17-27 – ROOF – CR 25 SOUTH SIDE AT ROOF JACK
22YES-64-83A	WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS
	CRS 23-27 – ROOF – CR 23 EAST END NEAR RIDGE
22YES-64-83B	WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS
	CRS 23-27 – ROOF – CR 27 SOUTH SIDE NEAR RIDGE
22YES-64-83C	WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS
	CRS 23-27 – ROOF – CR 25 NORTH SIDE NEAR RIDGE
22YES-64-83D	WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS
	CRS 23-27 – ROOF – CR 24 NORTH SIDE WEST END
22YES-64-84A	WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS
	CRS 17-22 – ROOF – CR 17 – SOUTH SIDE WEST END
22YES-64-84B	WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS
	CRS 17-22 – ROOF – CR 19 NORTH SIDE EAST END
22YES-64-84C	WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS
	CRS 17-22 – ROOF – CR 20 – NORTH SIDE WEST END
22YES-64-84D	WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS
	CRS 17-22 – ROOF – CR 21 SOUTH SIDE CENTER



Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/10/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>Kristy Yowell</i>	Date	11/14/2022
Received By		Date	

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-85A	WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS
	COVERED WALKWAY SOUTH – SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27)
22YES-64-85B	WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS
	COVERED WALKWAY NORTH – SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27)
22YES-64-86A	FIBERGLASS INSULATION PAPER/FOIL JACKETED
	CHILLER YARD – NORTH CENTER - ON PIPE STRAIGHT NEAR TANK
22YES-64-86B	FIBERGLASS INSULATION PAPER/FOIL JACKETED
	CHILLER YARD – NW CORNER - ON PIPE AT TANK
22YES-64-87A	MASTIC – BLACK/GREY
	CHILLER YARD – CENTER ON VALVE NEXT TO BOOSTER PUMP
22YES-64-88A	MUDDIED END
	CHILLER YARD – CENTER AT BOOSTER PUMP ONLY
22YES-64-90A	INSULATION BLANKET – FIBERGLASS WITH CLOTH & VINYL JACKETING
	CHILLER YARD – DEBRIS PILE AT DOUBLE DOORS
22YES-64-82C	MASTIC – BLACK/GREY– FOAMED OVER SILVER PAINT
	CRS 17-27 – ROOF – CR 19 CENTER ON 3” PIPE
22YES-64-82D	MASTIC – BLACK/GREY– FOAMED OVER SILVER PAINT
	CRS 17-27 – ROOF – CR 17 NORTH SIDE WEST END ON 2” PIPE
22YES-64-89A	SANDWICHED VAPOR BARRIER - BLACK
	MB – CR 12 STORAGE AREA – SOUTH SIDE WEST END



# YES Environmental, Inc.

1201 24<sup>TH</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/10/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>Kristy Yowell</i>	Date	11/14/2022
Received By		Date	

SAMPLE ID	1 <sup>st</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-89B	SANDWICHED VAPOR BARRIER – BLACK
	MB – CR 2 – SOUTH SIDE EAST END
22YES-64-89C	SANDWICHED VAPOR BARRIER - BLACK
	MB – HR OFFICE- HALLWAY BETWEEN ROOMS



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EMSL Order: 472200202  
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Customer ID: YWEL75

Customer PO:

Project ID:

**Attention:** Kristy Yowell  
YES Environmental, Inc.  
13708 Carpaccio Lane  
Bakersfield, CA 93306

**Phone:** (661) 477-4662

**Fax:**

**Received Date:** 11/16/2022 7:55 PM

**Analysis Date:** 11/17/2022 - 11/18/2022

**Collected Date:** 11/10/2022

**Project:** 22YES-64 BAKERSFIELD CITY SCHOOL DISTRICT

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-34D-Carpet 472200202-0001	CR 17-27 - CR 23 - NW AREA UNDER CARPET - CARPET & GLUE - BLUE/GREEN/RED/C REAM MULTI	Gray Fibrous Homogeneous	80% Synthetic	20% Non-fibrous (Other)	None Detected
22YES-64-34D-Mastic 472200202-0001A	CR 17-27 - CR 23 - NW AREA UNDER CARPET - CARPET & GLUE - BLUE/GREEN/RED/C REAM MULTI	Clear Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-34E-Carpet 472200202-0002	CRS 17-27 - CR 26 - EAST SIDE SOUTH END - CARPET & GLUE - BLUE/GREEN/RED/C REAM MULTI	Blue Fibrous Homogeneous	40% Synthetic	60% Non-fibrous (Other)	None Detected
22YES-64-34E-Mastic 472200202-0002A	CRS 17-27 - CR 26 - EAST SIDE SOUTH END - CARPET & GLUE - BLUE/GREEN/RED/C REAM MULTI	Clear Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-57C-Baseboard 472200202-0003	CRS 17-27 - CR 23 - NORTH WALL AT DOOR - BASEBOARD & BROWNS & YELLOW GLUES 4" BLUE	Blue Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-57C-Mastic 472200202-0003A	CRS 17-27 - CR 23 - NORTH WALL AT DOOR - BASEBOARD & BROWNS & YELLOW GLUES 4" BLUE	Beige Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-57D-Baseboard 472200202-0004	CRS 17-27 - CR 25 - NORTH WALL UNDER CABINETS - BASEBOARD & BROWNS & YELLOW GLUES 4" BLUE	Blue Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-57D-Mastic 472200202-0004A	CRS 17-27 - CR 25 - NORTH WALL UNDER CABINETS - BASEBOARD & BROWNS & YELLOW GLUES 4" BLUE	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected

Initial report from: 11/18/2022 13:23:08



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EMSL Order: 472200202  
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Customer ID: YWEL75

Customer PO:

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-61C-Carpet 472200202-0005	CRS 17-27 - CR 24 - NW AREA - CARPET & GLUE - BLACK WITH WHITE DOTS	Black Fibrous Homogeneous	80% Synthetic	20% Non-fibrous (Other)	None Detected
22YES-64-61C-Mastic 472200202-0005A	CRS 17-27 - CR 24 - NW AREA - CARPET & GLUE - BLACK WITH WHITE DOTS	Clear Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-61D-Carpet 472200202-0006	CRS 17-27 - CR 25 - NE CORNER - CARPET & GLUE - BLACK WITH WHITE DOTS	Blue Fibrous Homogeneous	40% Synthetic	60% Non-fibrous (Other)	None Detected
22YES-64-61D-Mastic 472200202-0006A	CRS 17-27 - CR 25 - NE CORNER - CARPET & GLUE - BLACK WITH WHITE DOTS	Clear Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-62C 472200202-0007	CRS 17-27 - CR 23 - SW CORNER OF CEILING - LAY-IN PANELS 2'X4' GOUGE PINHOLE PATTERN	Beige Fibrous Homogeneous	70% Cellulose 10% Glass	20% Non-fibrous (Other)	None Detected
22YES-64-62D 472200202-0008	CRS 17-27 - CR 26 - NORTH SIDE NW AREA - LAY-IN PANELS 2'X4' GOUGE PINHOLE PATTERN	Beige Fibrous Homogeneous	80% Cellulose 10% Glass	10% Non-fibrous (Other)	None Detected
22YES-64-63C 472200202-0009	CRS 17-27 - CR 24 - NW AREA OF CEILING - FIBERGLASS BATT INSULATION PAPER JACKETED	Pink Fibrous Homogeneous	10% Cellulose 80% Glass	10% Non-fibrous (Other)	None Detected
22YES-64-63D 472200202-0010	CRS 17-27 - CR 26 - NW AREA OF CEILING ABOVE LAY-IN PANEL - FIBERGLASS BATT INSULATION PAPER JACKETED	Tan/Pink Fibrous Homogeneous	10% Cellulose 80% Glass	10% Non-fibrous (Other)	None Detected
22YES-64-64C 472200202-0011	CRS 17-27 - CR 24 - ABOVE ORIGINAL CEILING NW AREA - FIBERGLASS BATT INSULATION PAPER JACKETED	Yellow Fibrous Homogeneous	5% Cellulose 90% Glass	5% Non-fibrous (Other)	None Detected
22YES-64-64D 472200202-0012	CRS 17-27 - CR 26 - NW AREA ABOVE ORIGINAL CEILING - FIBERGLASS BATT INSULATION PAPER JACKETED	Yellow Fibrous Homogeneous	5% Cellulose 80% Glass	15% Non-fibrous (Other)	None Detected
22YES-64-71B-Sheet Flooring 472200202-0013	CRS 17-27 - CR 27 - NORTH COUNTER - SHEET VINYL & BROWN MASTIC - PINK WOOD GRAIN	Pink Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected

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**EMSL Order:** 472200202 Page 173 of 198  
**Customer ID:** YWEL75  
**Customer PO:**  
**Project ID:**

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-71B-Mastic  472200202-0013A	CRS 17-27 - CR 27 - NORTH COUNTER - SHEET VINYL & BROWN MASTIC - PINK WOOD GRAIN	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-73B  472200202-0014	CRS 17-27 - GIRS RR (ADJ. CR 25) NW CORNER - PLASTER - SMOOTH FINISH	White Non-Fibrous Homogeneous		20% Quartz 60% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-75C  472200202-0015	CRS 17-27 - CR 24 - NW AREA ABOVE ORIGINAL CEILING - FIBERGLASS PIPE INSULATION CLOTH JACKETED	Yellow Fibrous Homogeneous	10% Cellulose 80% Glass	10% Non-fibrous (Other)	None Detected
22YES-64-78A-Sheet Flooring  472200202-0016	CRS 17-27 - CR 23 - WEST ANGLED COUNTER - SHEET VINYL, BURLAP BACKING & BROWN GLUE - CREAM WOOD GRAIN	Green Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-78A-Mastic 1  472200202-0016A	CRS 17-27 - CR 23 - WEST ANGLED COUNTER - SHEET VINYL, BURLAP BACKING & BROWN GLUE - CREAM WOOD GRAIN	Brown Non-Fibrous Homogeneous	5% Cellulose	80% Matrix 15% Non-fibrous (Other)	None Detected
22YES-64-78A-Mastic 2  472200202-0016B	CRS 17-27 - CR 23 - WEST ANGLED COUNTER - SHEET VINYL, BURLAP BACKING & BROWN GLUE - CREAM WOOD GRAIN	Tan Non-Fibrous Homogeneous	40% Cellulose	40% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-78B-Sheet Flooring  472200202-0017	CRS 17-27 - CR 25 - WEST ANGLED COUNTER - SHEET VINYL, BURLAP BACKING & BROWN GLUE - CREAM WOOD GRAIN	Green Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
22YES-64-78B-Mastic  472200202-0017A	CRS 17-27 - CR 25 - WEST ANGLED COUNTER - SHEET VINYL, BURLAP BACKING & BROWN GLUE - CREAM WOOD GRAIN	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-79A  472200202-0018	CRS 17-27 - BOYS RR (ADJ. TO CR 25) AT SINK AT EXISTING DAMAGE - CERMAIC FLOOR TILE GROUT - BROWN (1"X2" BROWNS)	Gray Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected

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<b>EMSL Order:</b> 472200202 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> <b>Project ID:</b>
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-80A  472200202-0019	CRS 17-27 - GIRLS RR (ADJ. TO CR 2) - WEST WALL NORTH END - CERAMIC WALL TILE GROUT - WHITE (4"X6" CREAM W/GOLD)	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-81A  472200202-0020	CRS 17-27 - CR 26 - NW AREA ABOVE ORIGINAL CEILING - CLOTH JACKET OVER MUDDERED PIPE JOINT/JUNCTION INSULATION (GREY FIBROUS)	Gray Fibrous Homogeneous	70% Glass	25% Non-fibrous (Other)	5% Chrysotile
22YES-64-82A-Mastic  472200202-0021	CRS 17-27 - ROOF - CR 23 NORTH SIDE AT VENT PIPE - MASTIC - BLACK/GREY - FOAMED OVER	Black Non-Fibrous Homogeneous		80% Matrix 15% Non-fibrous (Other)	5% Chrysotile
22YES-64-82A-Foam  472200202-0021A	CRS 17-27 - ROOF - CR 23 NORTH SIDE AT VENT PIPE - MASTIC - BLACK/GREY - FOAMED OVER	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-82B-Mastic  472200202-0022	CRS 17-27 - ROOF - CR 25 SOUTH SIDE AT ROOF JACK - MASTIC - BLACK/GREY - FOAMED OVER	Black Non-Fibrous Homogeneous		80% Matrix 15% Non-fibrous (Other)	5% Chrysotile
22YES-64-82B-Foam  472200202-0022A	CRS 17-27 - ROOF - CR 25 SOUTH SIDE AT ROOF JACK - MASTIC - BLACK/GREY - FOAMED OVER	Yellow Non-Fibrous Homogeneous		90% Matrix 10% Non-fibrous (Other)	None Detected
22YES-64-83A-Coating  472200202-0023	CRS 23-27 - ROOF - CR 23 EAST END NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-83A-Foam  472200202-0023A	CRS 23-27 - ROOF - CR 23 EAST END NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected

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EMSL Order: 472200202  
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Customer ID: YWEL75

Customer PO:

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-83A-Shingle 472200202-0023B	CRS 23-27 - ROOF - CR 23 EAST END NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	20% Cellulose 5% Glass	75% Non-fibrous (Other)	None Detected
22YES-64-83A-Felt 472200202-0023C	CRS 23-27 - ROOF - CR 23 EAST END NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
22YES-64-83B-Coating 472200202-0024	CRS 23-27 - ROOF - CR 27 SOUTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-83B-Foam 472200202-0024A	CRS 23-27 - ROOF - CR 27 SOUTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-83B-Silver Paint 472200202-0024B	CRS 23-27 - ROOF - CR 27 SOUTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Blue Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-83B-Shingle 472200202-0024C	CRS 23-27 - ROOF - CR 27 SOUTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Non-Fibrous Homogeneous	20% Cellulose 10% Glass	70% Non-fibrous (Other)	None Detected
22YES-64-83B-Felt 472200202-0024D	CRS 23-27 - ROOF - CR 27 SOUTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected

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EMSL Order: 472200202  
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Customer ID: YWEL75

Customer PO:

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-83C-Coating  472200202-0025	CRS 23-27 - ROOF - CR 25 NORTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-83C-Foam  472200202-0025A	CRS 23-27 - ROOF - CR 25 NORTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-83C-Silver Paint  472200202-0025B	CRS 23-27 - ROOF - CR 25 NORTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-83C-Shingle  472200202-0025C	CRS 23-27 - ROOF - CR 25 NORTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Non-Fibrous Homogeneous	10% Cellulose 5% Glass	80% Matrix 5% Non-fibrous (Other)	None Detected
22YES-64-83C-Felt  472200202-0025D	CRS 23-27 - ROOF - CR 25 NORTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	30% Cellulose	60% Matrix 10% Non-fibrous (Other)	None Detected
22YES-64-83D-Coating  472200202-0026	CRS 23-27 - ROOF - CR 24 NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-83D-Foam  472200202-0026A	CRS 23-27 - ROOF - CR 24 NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-83D-Silver Paint  472200202-0026B	CRS 23-27 - ROOF - CR 24 NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile

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Customer ID: YWEL75

Customer PO:

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-83D-Shingle 472200202-0026C	CRS 23-27 - ROOF - CR 24 NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Non-Fibrous Homogeneous	20% Cellulose	60% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-83D-Felt 472200202-0026D	CRS 23-27 - ROOF - CR 24 NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	30% Cellulose	60% Matrix 10% Non-fibrous (Other)	None Detected
22YES-64-84A-Coating 472200202-0027	CRS 17-22 - ROOF - CR 17 - SOUTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84A-Foam 472200202-0027A	CRS 17-22 - ROOF - CR 17 - SOUTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84A-Silver Paint 472200202-0027B	CRS 17-22 - ROOF - CR 17 - SOUTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-84A-Shingle 472200202-0027C	CRS 17-22 - ROOF - CR 17 - SOUTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
22YES-64-84A-Felt 472200202-0027D	CRS 17-22 - ROOF - CR 17 - SOUTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
22YES-64-84B-Coating 472200202-0028	CRS 17-22 - ROOF - CR 19 NORTH SIDE EAST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected

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**EMSL Order:** 472200202  
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**Project ID:**

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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-84B-Foam  472200202-0028A	CRS 17-22 - ROOF - CR 19 NORTH SIDE EAST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84B-Silver Paint  472200202-0028B	CRS 17-22 - ROOF - CR 19 NORTH SIDE EAST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-84B-Shingle  472200202-0028C	CRS 17-22 - ROOF - CR 19 NORTH SIDE EAST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	10% Cellulose 10% Glass	80% Non-fibrous (Other)	None Detected
22YES-64-84B-Felt  472200202-0028D	CRS 17-22 - ROOF - CR 19 NORTH SIDE EAST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
22YES-64-84C-Coating  472200202-0029	CRS 17-22 - ROOF - CR 20 - NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84C-Foam  472200202-0029A	CRS 17-22 - ROOF - CR 20 - NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84C-Silver Paint  472200202-0029B	CRS 17-22 - ROOF - CR 20 - NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-84C-Shingle  472200202-0029C	CRS 17-22 - ROOF - CR 20 - NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Non-Fibrous Homogeneous	10% Cellulose 5% Glass	80% Matrix 5% Non-fibrous (Other)	None Detected

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<b>EMSL Order:</b> 472200202 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> <b>Project ID:</b>
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-84C-Felt  472200202-0029D	CRS 17-22 - ROOF - CR 20 - NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	40% Cellulose	40% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84D-Coating  472200202-0030	CRS 17-22 - ROOF - CR 21 SOUTH SIDE CENTER - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84D-Foam  472200202-0030A	CRS 17-22 - ROOF - CR 21 SOUTH SIDE CENTER - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84D-Silver Paint  472200202-0030B	CRS 17-22 - ROOF - CR 21 SOUTH SIDE CENTER - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-84D-Shingle  472200202-0030C	CRS 17-22 - ROOF - CR 21 SOUTH SIDE CENTER - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Non-Fibrous Homogeneous	20% Cellulose	60% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84D-Felt  472200202-0030D	CRS 17-22 - ROOF - CR 21 SOUTH SIDE CENTER - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	40% Cellulose	40% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-85A-Coating  472200202-0031	COVERED WALKWAY SOUTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected

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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-85A-Foam  472200202-0031A	COVERED WALKWAY SOUTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-85A-Silver Paint  472200202-0031B	COVERED WALKWAY SOUTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-85A-Roofing  472200202-0031C	COVERED WALKWAY SOUTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	Black Non-Fibrous Homogeneous	20% Cellulose	60% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-85A-Felt  472200202-0031D	COVERED WALKWAY SOUTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	Black Fibrous Homogeneous	20% Cellulose	40% Matrix 20% Non-fibrous (Other)	20% Chrysotile
22YES-64-85B-Coating  472200202-0032	COVERED WALKWAY NORTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected

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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-85B-Foam  472200202-0032A	COVERED WALKWAY NORTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-85B-Silver Paint  472200202-0032B	COVERED WALKWAY NORTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-85B-Roofing  472200202-0032C	COVERED WALKWAY NORTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	Black Non-Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
22YES-64-85B-Felt  472200202-0032D	COVERED WALKWAY NORTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	Black Fibrous Homogeneous		60% Matrix 20% Non-fibrous (Other)	20% Chrysotile
22YES-64-86A  472200202-0033	CHILLER YARD - NORTH CENTER - ON PIPE STRAIGHT NEAR TANK - FIBERGLASS INSULATION PAPER/FOIL JACKETED	Brown Fibrous Homogeneous	95% Glass	5% Non-fibrous (Other)	None Detected
22YES-64-86B  472200202-0034	CHILLER YARD - NW CORNER - ON PIPE AT TANK - FIBERGLASS INSULATION PAPER/FOIL JACKETED	Tan/Yellow Fibrous Homogeneous	5% Cellulose 90% Glass	5% Non-fibrous (Other)	None Detected

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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-87A 472200202-0035	CHILLER YARD - CENTER ON VALVE NEXT TO BOOSTER PUMP - MASTIC - BLACK/GREY	Black Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
22YES-64-88A 472200202-0036	CHILLER YARD - CENTER AT BOOSTER PUMP ONLY - MUDDERED END	White Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
22YES-64-90A 472200202-0037	CHILLER YARD - DEBRIS PILE AT DOUBLE DOORS - INSULATION BLANKET - FIBERGLASS WITH CLOTH & VINYL JACKETING	Gray/Tan/White Fibrous Homogeneous	99% Glass	1% Non-fibrous (Other)	None Detected
22YES-64-82C-Silver Paint 472200202-0038	CRS 17-27 - ROOF - CR 19 CENTER ON 3" PIPE - MASTIC - BLACK/GREY - FOAMED OVER SILVER PAINT	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-82C-Mastic 472200202-0038A	CRS 17-27 - ROOF - CR 19 CENTER ON 3" PIPE - MASTIC - BLACK/GREY - FOAMED OVER SILVER PAINT	Black Non-Fibrous Homogeneous		80% Matrix 15% Non-fibrous (Other)	5% Chrysotile
22YES-64-82D-Silver Paint 472200202-0039	CRS 17-27 - ROOF - CR 17 NORTH SIDE WEST END ON 2" PIPE - MASTIC - BLACK/GREY - FOAMED OVER SILVER PAINT	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-82D-Mastic 472200202-0039A	CRS 17-27 - ROOF - CR 17 NORTH SIDE WEST END ON 2" PIPE - MASTIC - BLACK/GREY - FOAMED OVER SILVER PAINT	Black Non-Fibrous Homogeneous		80% Matrix 15% Non-fibrous (Other)	5% Chrysotile
22YES-64-89A 472200202-0040	MB - CR 12 STORAGE AREA - SOUTH SIDE WEST END - SANDWICHED VAPOR BARRIER - BLACK	Gray Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
22YES-64-89B 472200202-0041	MB - CR 2 - SOUTH SIDE EAST END - SANDWICHED VAPOR BARRIER - BLACK	Black Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
22YES-64-89C 472200202-0042	MB - HR OFFICE - HALLWAY BETWEEN ROOMS - SANDWICHED VAPOR BARRIER - BLACK	Black Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected

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Analyst(s)

Aimee Hartwig (42)

Jonathan Nomura (53)

Jonathan Nomura, Laboratory Manager  
or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc. Santa Clara, CA NVLAP Lab Code 600318-0

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**YES Environmental, Inc.**

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1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	5/16/2023	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA Testing
Job Site Name & Description	Horse Mann ES – MOD Inspection		
Submitted By	Kristy Yowell	Date	5/17/2023
Received By	Annette McKissack	Date	05/18/23 945

SAMPLE ID	1 <sup>st</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-92A	DRYWALL, ORANGE PEEL TEXTURE
	RM 28 – NORTHSIDE CENTER
22YES-64-92B	DRYWALL, ORANGE PEEL TEXTURE
	RM 29 – SOUTHEAST CORNER
22YES-64-93A	LAY-IN PANELS 2'X4' LARGE FISSURE PINHOLE
	RM 28 – NORTHSIDE CENTER
22YES-64-94A	FIBERGLASS BATT INSULATION PAPER JACKETED
	RM 28 – NORTHSIDE CENTER
22YES-64-95A	ACOUSTIC CEILING TILE - 12" UNIFORM HOLE (NAILED)
	R2-R4 – STAFF LOUNGE – SOUTHWEST CORNER
22YES-64-96A	UNFINISHED DRYWALL WITH TACKBOARD GLUE
	B2 – EAST WALL
22YES-64-97A	LAY-IN PANELS 2'X4' FIBERGLASS ORANGE PEEL PATTERN
	B1 – WEST WALL
22YES-64-98A	UNFINISHED DRYWALL WITH TACKBOARD GLUE
	B7 – WEST WALL
22YES-64-99A	LAY-IN PANELS 2'X4' FIBERGLASS ORANGE PEEL PATTERN
	B5 – EAST SIDE
22YES-64-100A	LAY-IN PANELS 2'X4' DRYWALL VINYL JACKETED
	R9 – RESTROOM PORTABLE - CENTER



**YES Environmental, Inc.**

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1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	5/16/2023	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA Testing
Job Site Name & Description	Horace Mann ES – MOD Inspection		
Submitted By	Kristy Yowell	Date	5/17/2023
Received By	Annette McKissack (E&C)	Date	05/18/23 945

SAMPLE ID	1 <sup>st</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-101A	UNFINISHED DRYWALL WITH FRP GLUE
	R9 – RESTROOM PORTABLE – WEST WALL CENTER
22YES-64-102A	LAY-IN PANELS 2'X4' FISSURE PINHOLE
	B19 – EAST SIDE CENTER
22YES-64-103A	UNFINISHED DRYWALL WITH TACKBOARD GLUE
	B19 – EAST SIDE CENTER
22YES-64-104A	EXTERIOR BLACK VAPOR BARRIER
	B19 – EAST WALL
22YES-64-105A	UNFINISHED DRYWALL WITH TACKBOARD GLUE
	B22 – WEST SIDE
22YES-64-106A	LAY-IN PANELS 2'X4' FISSURE PINHOLE
	B22 – WEST SIDE
22YES-64-107A	UNFINISHED DRYWALL WITH TACKBOARD GLUE
	B12 – NORTH SIDE CENTER
22YES-64-108A	LAY-IN PANELS 2'X4' FIBERGLASS ORANGE PEEL PATTERN
	B12 – NORTH SIDE CENTER
22YES-64-109A	UNFINISHED DRYWALL WITH TACKBOARD GLUE
	R25 – CONFERENCE ROOM – NORTH SIDE CENTER
22YES-64-110A	LAY-IN PANELS 2'X4' FISSURE PINHOLE
	R25 – CONFERENCE ROOM – NORTH SIDE CENTER



**YES Environmental, Inc.**

1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	5/16/2023	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA Testing
Job Site Name & Description	<i>Horace</i> Mann ES – MOD Inspection		
Submitted By	Kristy Yowell <i>[Signature]</i>	Date	5/17/2023
Received By	<i>Annette McKissack (Efx)</i>	Date	05/18/23 945

SAMPLE ID	1 <sup>st</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-111A	UNFINISHED DRYWALL WITH TACKBOARD GLUE
	ADMIN – SOUTHWEST AREA
22YES-64-112A	LAY-IN PANELS 2'X4' FIBERGLASS ORANGE PEEL PATTERN
	ADMIN – SOUTHWEST AREA



# LA Testing

520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982

<http://www.LATesting.com> / [pasadenalab@latesting.com](mailto:pasadenalab@latesting.com)

LA Testing Order: 322313084  
Page 187 of 198

Customer ID: YWEL75

Customer PO:

Project ID:

**Attention:** Kristy Yowell  
YES Environmental, Inc.  
1201 24th Street, Suite B110-377  
Bakersfield, CA 93301

**Phone:** (661) 477-4662

**Fax:**

**Received Date:** 05/18/2023 9:45 AM

**Analysis Date:** 05/22/2023

**Collected Date:** 05/17/2023

**Project:** 22YES-64 Bakersfield City School District Horace Mann ES - MOD Inspection

## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-92A-Texture 322313084-0001	Rm 28 - northside center - Drywall, orange peel texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-92A-Drywall 322313084-0001A	Rm 28 - northside center - Drywall, orange peel texture	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-92B-Texture 322313084-0002	Rm 29 - southeast corner - Drywall, orange peel texture	White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-92B-Drywall 322313084-0002A	Rm 29 - southeast corner - Drywall, orange peel texture	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-93A 322313084-0003	Rm 28 - northside center - Lay-in panels 2'x4' large fissure pinhole	Gray/White Fibrous Homogeneous	35% Cellulose 15% Min. Wool	10% Perlite 40% Non-fibrous (Other)	None Detected
22YES-64-94A-Insulation 322313084-0004	Rm 28 - northside center - Fiberglass batt unsualtion paper jacketed	White/Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-94A-Paper Jacketed 322313084-0004A	Rm 28 - northside center - Fiberglass batt unsualtion paper jacketed	Brown Fibrous Homogeneous	45% Cellulose	55% Non-fibrous (Other)	None Detected
22YES-64-94A-Mastic Like 322313084-0004B	Rm 28 - northside center - Fiberglass batt unsualtion paper jacketed	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-95A 322313084-0005	R2-R4 - staff lounge - southwest corner - Acoustic ceiling tile - 12" uniform hole (nailed)	Brown/White Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
22YES-64-96A-Drywall 322313084-0006	B2 - east wall - Unfinished drywall with tackboard glue	Brown/White Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
22YES-64-96A-Glue 322313084-0006A	B2 - east wall - Unfinished drywall with tackboard glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-97A-Fiberglass 322313084-0007	B1 - west wall - Lay-in panels 2'x4' fiberglass orange peel pattern	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-97A-Peel Pattern 322313084-0007A	B1 - west wall - Lay-in panels 2'x4' fiberglass orange peel pattern	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-98A-Drywall 322313084-0008	B7 - west wall - Unfinished drywall with tackboard glue	Brown/White Non-Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected

Initial report from: 05/22/2023 14:01:37



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<http://www.LATesting.com> / [pasadenalab@latesting.com](mailto:pasadenalab@latesting.com)

LA Testing Order: 322313084  
Page 188 of 198

Customer ID: YWEL75

Customer PO:

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-98A-Glue 322313084-0008A	B7 - west wall - Unfinished drywall with tackboard glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-99A-Fiberglass 322313084-0009	B5 - east side - Lay-in panels 2'x4' fiberglass orange peel pattern	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-99A-Peel Pattern 322313084-0009A	B5 - east side - Lay-in panels 2'x4' fiberglass orange peel pattern	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-100A 322313084-0010	R9 - restroom portable - center - Lay-in panels 2'x4' drywall vinyl jacketed	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
22YES-64-101A-Drywall 322313084-0011	R9 - restroom portable - west wall center - Unfinished drywall with frp glue	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-101A-Glue 322313084-0011A	R9 - restroom portable - west wall center - Unfinished drywall with frp glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-102A 322313084-0012	B19 - east side center - Lay-in panels 2'x4' fissure pinhole	White/Beige Fibrous Heterogeneous	40% Cellulose 25% Min. Wool	20% Perlite 15% Non-fibrous (Other)	None Detected
22YES-64-103A-Drywall 322313084-0013	B19 - east side center - Unfinished drywall with tackboard glue	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-103A-Glue 322313084-0013A	B19 - east side center - Unfinished drywall with tackboard glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-104A 322313084-0014	B19 - east wall - Exterior black vapor barrier	Brown/Black Fibrous Homogeneous	65% Cellulose	35% Non-fibrous (Other)	None Detected
22YES-64-105A-Drywall 322313084-0015	B22 - west side - Unfinished drywall with tackboard glue	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-105A-Glue 322313084-0015A	B22 - west side - Unfinished drywall with tackboard glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-105A-Insulation 322313084-0015B	B22 - west side - Unfinished drywall with tackboard glue	White/Beige Fibrous Homogeneous	95% Glass	5% Non-fibrous (Other)	None Detected
22YES-64-106A 322313084-0016	B12 - north side center - Lay-in panels 2'x4' fissure pinhole	Gray/White Fibrous Homogeneous	40% Cellulose 10% Min. Wool	10% Perlite 40% Non-fibrous (Other)	None Detected
22YES-64-107A-Drywall 322313084-0017	B12 - north isde center - Unfinished drywall with tackboard glue	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
22YES-64-107A-Glue 322313084-0017A	B12 - north isde center - Unfinished drywall with tackboard glue	Yellow/Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 05/22/2023 14:01:37



# LA Testing

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<http://www.LATesting.com> / [pasadenalab@latesting.com](mailto:pasadenalab@latesting.com)

LA Testing Order: 322313084  
Page 189 of 198

Customer ID: YWEL75

Customer PO:

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-108A-Fiberglass 322313084-0018	B12 - north side center - Lay-in panels 2'x4' fiberglass orange peel pattern	White/Yellow Fibrous Heterogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-108A-Peel 322313084-0018A	B12 - north side center - Lay-in panels 2'x4' fiberglass orange peel pattern	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-109A-Drywall 322313084-0019	R25 - conference room - north side center - Unfinished drywall with tackboard glue	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-109A-Glue 322313084-0019A	R25 - conference room - north side center - Unfinished drywall with tackboard glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-110A 322313084-0020	R25 - conference room - north side center - Lay-in panels 2'x4' fissure pinhole	White/Beige Fibrous Heterogeneous	40% Cellulose 25% Min. Wool	20% Perlite 15% Non-fibrous (Other)	None Detected
22YES-64-111A-Drywall 322313084-0021	Admin - southwest area - Unfinished drywall with tackboard glue	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
22YES-64-111A-Glue 322313084-0021A	Admin - southwest area - Unfinished drywall with tackboard glue	Yellow/Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-112A-Fiberglass 322313084-0022	Admin - southwest area - Lay-in panels 2'x4' fiberglass orange peel pattern	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-112A-Peel 322313084-0022A	Admin - southwest area - Lay-in panels 2'x4' fiberglass orange peel pattern	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Caleb Elquezabal (18)

Tania Lopez (21)

Jerry Drapala Ph.D, Laboratory Manager  
or Other Approved Signatory

LA Testing maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by LA Testing. LA Testing bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore LA Testing recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Initial report from: 05/22/2023 14:01:37



Attachment D – Consultant & Laboratory Certifications

DEPARTMENT OF INDUSTRIAL RELATIONS

**Division of Occupational Safety and Health-Asbestos Certification**

1750 Howe Avenue, Suite 460

Sacramento, CA 95825

(916) 574-2993 Office <http://www.dir.ca.gov/dosh/asbestos.html> [actu@dir.ca.gov](mailto:actu@dir.ca.gov)

903034500C

324

326

December 07, 2022

Kristy L Yowell  
13708 Carpaccio Lane  
Bakersfield CA 93306

Dear Certified Asbestos Consultant or Technician:

Enclosed is your certification card. **To maintain your certification, you must abide by the rules printed on the back of the certification card.**

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days before the expiration date shown on your card. [8 CCR 341.15(h)(1)].

Please hold and do not send copies of your required AHERA refresher renewal certificates to our office until you apply for renewal of your certification.

Certificates must be kept current if you are actively working as a CAC or CSST. The grace period is only for those who are not actively working as an asbestos consultant or site surveillance technician.

Please contact our office at the above address or email w any changes in your contact/ mailing information within 15 days of the change.

Sincerely,

*Eric Berg*

Eric Berg  
Deputy Chief of Health

Attachment: Certification Card

cc: File

Renewal - Card Attached







STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC HEALTH



## LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
	Lead Inspector/Assessor	LRC-00004640	2/9/2024
	Lead Supervisor	LRC-00004639	2/9/2024

**Kristy Yowell**

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at [www.cdph.ca.gov/programs/clppb](http://www.cdph.ca.gov/programs/clppb) or calling (800) 597-LEAD

DEPARTMENT OF INDUSTRIAL RELATIONS

**Division of Occupational Safety and Health-Asbestos Certification**

1750 Howe Avenue, Suite 460

Sacramento, CA 95825

(916) 574-2993 Office <http://www.dir.ca.gov/dosh/asbestos.html> [actu@dir.ca.gov](mailto:actu@dir.ca.gov)



201287047T

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467

**YES Environmental Inc.  
Allen R. Evans  
1201 24th Street, Suite B110-377  
Bakersfield CA 93301**

**March 20, 2023**

Dear Certified Asbestos Consultant or Technician:

Enclosed is your certification card. **To maintain your certification, you must abide by the rules printed on the back of the certification card.**

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days before the expiration date shown on your card. [8 CCR 341.15(h)(1)].

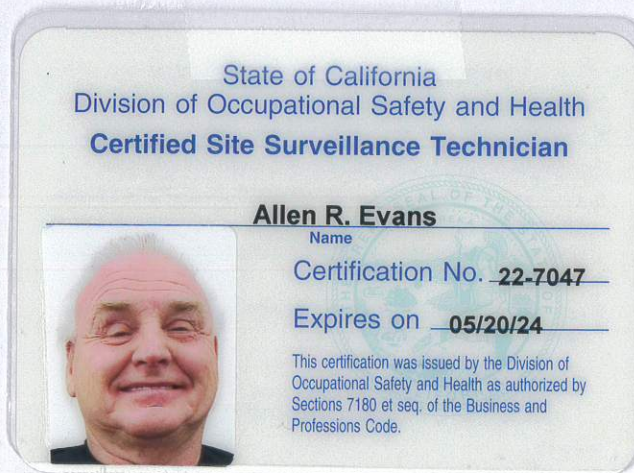
Please hold and do not send copies of your required AHERA refresher renewal certificates to our office until you apply for renewal of your certification.

Certificates must be kept current if you are actively working as a CAC or CSST. The grace period is only for those who are not actively working as an asbestos consultant or site surveillance technician.

Please contact our office at the above address or email w any changes in your contact/ mailing information within 15 days of the change.

Sincerely,

Kevin Graulich  
Principal Safety Engineer



Attachment: Certification Card

cc: File

Renewal – Card Attached



STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC HEALTH



# LEAD-RELATED CONSTRUCTION CERTIFICATE

**INDIVIDUAL:**



**Allen Evans**

**CERTIFICATE TYPE:**

Lead Sampling Technician

**NUMBER:**

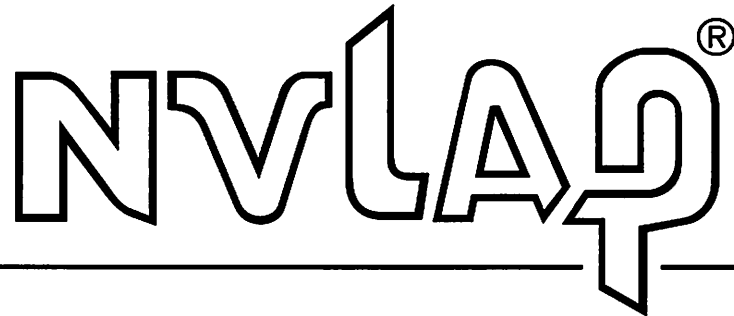
LRC-00010539

**EXPIRATION DATE:**

10/21/2023

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at [www.cdph.ca.gov/programs/clppb](http://www.cdph.ca.gov/programs/clppb) or calling (800) 597-LEAD

United States Department of Commerce  
National Institute of Standards and Technology



---

# Certificate of Accreditation to ISO/IEC 17025:2017

---

NVLAP LAB CODE: 200232-0

**LA Testing**  
South Pasadena, CA

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,  
listed on the Scope of Accreditation, for:*

## **Asbestos Fiber Analysis**

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

---

2022-07-01 through 2023-06-30

*Effective Dates*



---

*Dana S. Gorman*  
For the National Voluntary Laboratory Accreditation Program

**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017**

**LA Testing**

520 Mission Street

South Pasadena, CA 91030

Mr. Jerry Drapala Ph.D.

Phone: (323) 254-9960 Fax: (323) 254-9982

Email: [jdrapala@latesting.com](mailto:jdrapala@latesting.com)

<http://www.latesting.com>

**ASBESTOS FIBER ANALYSIS**

**NVLAP LAB CODE 200232-0**

**Bulk Asbestos Analysis**

**Code**

**Description**

18/A01

EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples

18/A03

EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

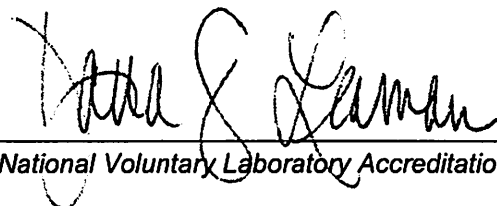
**Airborne Asbestos Analysis**

**Code**

**Description**

18/A02

U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.



For the National Voluntary Laboratory Accreditation Program

**United States Department of Commerce  
National Institute of Standards and Technology**



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**Certificate of Accreditation to ISO/IEC 17025:2017**

---

**NVLAP LAB CODE: 101048-3**

**EMSL Analytical, Inc.**  
San Leandro, CA

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,  
listed on the Scope of Accreditation, for:*

**Asbestos Fiber Analysis**

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

---

2022-07-01 through 2023-06-30

*Effective Dates*



A handwritten signature in black ink, appearing to read 'David S. Hamman', positioned above a horizontal line.

*For the National Voluntary Laboratory Accreditation Program*

**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017**

**EMSL Analytical, Inc.**

464 McCormick St.  
San Leandro, CA 94577  
Cecilia Yu  
Phone: 510-895-3675  
Email: cyu@emsl.com  
http://www.emsl.com

**ASBESTOS FIBER ANALYSIS**

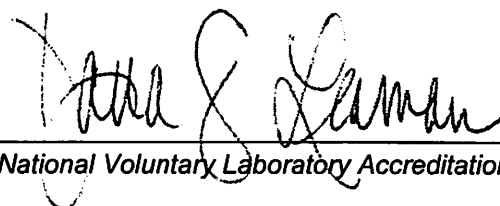
**NVLAP LAB CODE 101048-3**

**Bulk Asbestos Analysis**

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

**Airborne Asbestos Analysis**

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.



For the National Voluntary Laboratory Accreditation Program



**BCSD**

**LEAD REMEDIATION SCOPE OF WORK  
(YES ENVIRONMENTAL, INC.; DATED MARCH 28, 2024)**





# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

## LEAD REMEDIATION SCOPE OF WORK

### Site Information:

Horace Mann Elementary School – MOD  
2710 Niles Street, Bakersfield, CA 93305



### Prepared for:

Bakersfield City School District  
1300 Baker Street, Bakersfield, CA 93305  
(661) 631-5883

### Prepared by:

Kristy Yowell, CAC 09-4500 / CDPH 4640  
YES Environmental, Inc. (YES, Inc.)  
YES, Inc. Project Number 23YES-86  
March 28, 2024

This SOW should be printed in color.



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

## LEAD SCOPE OF WORK

Horace Mann ES – HVAC Modernization Project

### PURPOSE OF PROJECT

In order for Bakersfield City School District to modernize portions of Buildings B, C, D, E, M-1, M-2 and M-3, lead-containing and lead-based materials will either be removed or disturbed, and the work must be done using lead-safe work practices. The contractor is responsible for field verifying their own measurements for bidding, notification, waste characterization, or any other purpose.

This Scope of Work should be used in conjunction with all Federal, State and local codes. *The information provided in this section is intended to assist the contractor in determining the extent of work; however, this information does not replace or supersede any direction or description of work as presented in the plans and specifications for this project.* If YES, Inc.'s scope of work and the plans and specifications differ, the contractor shall be obliged to bring any discrepancies to the attention of the architect/owner's representative prior to bidding the project via submission of a request for information to the architect.

### DEFINITIONS

**Abatement Activities:** precleaning of jobsite, setup of containment/regulated area, removal of asbestos-containing materials and final cleaning inside containment/regulated area in preparation for post abatement clearance air sampling or completion of work visual.

**Asbestos-Containing:** material containing any detectable amount of asbestos. Acronym ACM.

**Lead-Containing:** material containing any detectable amount of lead. Acronym LCP or LBP.

**Remediation Activities:** precleaning of jobsite, setup of containment/regulated area, removal or disturbance of any sort of lead-containing materials and final cleaning inside containment/regulated area in preparation for job completion visual inspection by consultant.

**Contractor:** Remediation contractor, abatement contractor or any trade qualified to conduct the work described in this Scope of Work.

**Consultant:** BCSD's environmental consultant.

Types of Lead Materials			
Types	Definition	Lead Content Standard	
LBP	Lead-based paint, coating or material	By XRF: 1mg/cm <sup>2</sup> or greater By Paint Chip: 0.5 wt%; or 5,000 ppm or greater	
LCP	Lead-containing paint, coating or material	By XRF: <1mg/cm <sup>2</sup> By Paint Chip: <0.5 wt%; or 5,000 ppm	
ND	No lead detected	By XRF: Requires paint chip confirmation By Paint Chip: <reporting limit	

### NOTE

Some painted surfaces contain asbestos. This information



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

## Summary of Lead Findings

This table interprets the results for all testing combinations. This table supersedes the specific testing results on the XRF table listed in the attachments.

**\*\*NOTE:** Some lead painted components contain **asbestos**. Contractor should read the asbestos Scope of Work and/or Initial Inspection Report to confirm the locations of the **asbestos-containing** materials.\*\*

Material Description	Locations	Lead Type & Result
<b>Interior</b> paint – grey & dark blue on wood cabinetry  XRF Line #s: 6 & 131	Throughout M1-M3's Classrooms 1-16	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> paint – grey on all wood door components including, but not limited to, doors, frames, jambs, trims, stops, etc.  XRF Line #s: 25, 72-73, 80 & 101	Throughout M1-M3's Classrooms 1-16	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> paint – grey on all wood window components including, but not limited to, windows, sills, jams, skirt, frames, etc.  XRF Line #s: 32, 76, 82, 104 & 128-129	Throughout M1-M3's 1-16	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> ceramic wall tile – various colors & sizes  XRF Line #s: 41 & 107	Restrooms throughout M1-M3	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> paint – cream on all wood baseboards  XRF Line #s: 64, 69 & 91	Throughout M1-M3's Classrooms 1-16	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> paint – cream on all plaster walls  XRF Line #s: 65-68, 98-99 & 119	Throughout the M-3's Classrooms 1-8 and all rooms in between and adjacent	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Exterior</b> paint – cream on all wood window components including, but not limited to, windows, troughs, sills, jams, skirt, frames, etc.  XRF Line #s: 50-51 & 141	Throughout M1-M3's Classrooms 1-16	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Exterior</b> paint – green on all wood door components including, but not limited to, doors, frames, jambs, trims, stops, etc.  XRF Line #s: 53-54 & 138	Throughout M1-M3's Classrooms 1-16	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> white porcelain sinks  XRF Line #s: 146 & 214	Throughout Building D (17-19), Building E (20-22), Building C (23-24), and Building B (25-27)	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior &amp; Exterior</b> vertical metal window posts painted grey  XRF Line #s: 153, 160, 173, 184, 195, 209, 222 & 234	Throughout Building D (17-19), Building E (20-22), Building C (23-24), and Building B (25-27)	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> paint – grey on all wood door components including, but not limited to, doors, frames, jambs, trims, stops, etc.  XRF Line #: 158	Throughout Building D (17-19), Building E (20-22), Building C (23-24), and Building B (25-27)	LBP ≥1.00 mg/cm <sup>2</sup>



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## Summary of Lead Findings

This table interprets the results for all testing combinations. This table supersedes the specific testing results on the XRF table listed in the attachments.

**\*\*NOTE:** Some lead painted components contain **asbestos**. Contractor should read the asbestos Scope of Work and/or Initial Inspection Report to confirm the locations of the **asbestos-containing** materials.\*\*

Material Description	Locations	Lead Type & Result
<b>Interior</b> ceramic wall tile – various colors & sizes  XRF Line #s: 41 & 107	Throughout Building D (17-19), Building E (20-22), Building C (23-24), and Building B (25-27)	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Exterior</b> white porcelain drinking fountains  XRF Line #: 166	Throughout Building D (17-19), Building E (20-22), Building C (23-24), and Building B (25-27)	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Exterior</b> wood window sills painted cream  XRF Line #s: 171, 220, 232, 241 & 243	Throughout Building D (17-19), Building E (20-22), Building C (23-24), and Building B (25-27)	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Exterior</b> vertical metal posts painted green  XRF Line #s: 245 & 248	Covered Walkways that run north to south between 20 & 24 and 19 & 25	LBP ≥1.00 mg/cm <sup>2</sup>
<b>All</b> other painted components on campus – interior and exterior	Throughout the buildings inspected	LCP 0.00-0.99 mg/cm <sup>2</sup>

### ADDITIONAL LEAD INFORMATION

Contractors, whose employees work at this site, are required to assess if their work will be subject to the requirements of the Cal/OSHA lead construction standard (CCR Title 8 § 1532.1). Cal/OSHA standards are designed to regulate and enforce on-the-job worker safety. Employers are required by law to ensure that employees are not exposed to airborne lead levels which exceed the permissible exposure limit (PEL). The standard requires worker exposure monitoring, medical surveillance, training, special work practices, etc.

Each contractor/employer who bids and/or performs work at the site will need to assess potential lead exposure to employees performing their particular scope of work. Contractors who perform work at this site may need to obtain additional data (beyond the data presented in this report) during their assessment and Cal/OSHA compliance planning. Individual contractors/subcontractors should be allowed access to the project to obtain any needed data (samples, consultation, etc.) to complete their employee exposure assessment.

Any work performed at the site where LBP or LCP is likely to be disturbed should be performed by a contractor trained and qualified to perform lead-related construction work. Any work that exceeds Cal/OSHA's permissible exposure limit or is performed to remediate a lead hazard must be conducted by CDPH certified personnel.

### LEAD REGULATIONS FURTHER EXPLAINED

The lead work described in this Scope of Work is designed to assist the prime contractor and his sub-contractors to meet the requirements of the California lead standard for the construction industry, CCR Title 8, Section 1532.1. The requirements in this SOW are NOT intended to permanently eliminate lead-based paint or lead paint hazards. The results of the lead inspection indicate the materials anticipated to be disturbed contain lead-containing paint, not lead-based paint. Therefore, CDPH form 8551 which addresses Abatement of Lead Hazards shall not be submitted on this project.

Should changes to any of the following occur, it may result in the requirement of form 8551 to be submitted to CDPH:



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- Work practices demonstrated by the remediation contractor; or
- SOW is revised in such a way which meets the requirements for abatement.

If a lead hazard is created, the contractor creating the lead hazard shall be responsible for all costs associated with clean-up and compliance with Title 17.

## **MORE ON ASBESTOS & LEAD LOCATIONS, CONTENT & TYPE**

Please see the attached initial asbestos and lead inspection report following this scope of work for identification of materials suspect to contain asbestos that have been sampled by YES, Inc. If any materials other than those identified in this scope of work and initial inspection are discovered and may be disturbed, work must be stopped and the project must be re-evaluated.

Of the materials being removed or disturbed, the contractor shall then refer to YES, Inc.'s initial inspection report and Scope of Work to determine the specific materials that contain asbestos and/or lead and those that have been determined to be free of asbestos and/or lead.

The initial inspection report does **not** denote materials to be removed; it reports whether materials present contain asbestos and/or lead. Contractor should refer to the architectural drawings and specifications for extent of work and locations.

## **NOTIFICATIONS**

The contractor shall be responsible for the submission of all notifications triggered by lead disturbance. This includes, but is not limited to, the renovation or demolition permit release form to San Joaquin Valley Air Pollution Control District, Cal/OSHA Asbestos Notification and the Cal/OSHA Lead Work Pre-Job Notification.

## **SUPERVISOR & WORKER TRAINING REQUIRED**

Workers and supervisors disturbing components with lead-containing must have, at a minimum, action-level lead training as described by Cal/OSHA 8 CCR 1532.1.

In addition, any contractor disturbing lead-based painted components on this structure must be Renovation, Repair, and Painting certified by the EPA as a company, and all individuals performing activities that disturb painted surfaces on behalf of the firm are either certified renovators or have been trained by a certified renovator. All renovations performed by the firm must be performed in accordance with the work practice standards of the Lead-Based Paint Renovation, Repair, and Painting Program (40 CFR 745.80).

## **CAL/OSHA LEAD IN CONSTRUCTION STANDARD**

The requirements within this scope of work (SOW) are designed to assist the remediation contractor to meet the requirements of the Cal/OSHA lead standard for the construction industry, Title 8 CCR Section 1532.1. The more stringent requirement between this SOW and Title 8 CCR Section 1532.1 shall take precedence.

## **PRE-JOB SUBMITTAL REQUIREMENTS**

A hard copy of the remediation contractor's pre-job submittal packet shall be submitted to YES, Inc. and:

1. Include all of the items listed in the attached Submittal Requirements;
2. Be provided to and approved by YES, Inc. prior to the start of work by the remediation contractor.
3. Manifests shall be submitted to the project manager on the first day of the project for review, and also for final approval prior to waste removal from the job site.
4. Double sided copies are not acceptable.
5. Delays in providing the required submittals may affect the start of the project.
6. Electronic submittals will not be accepted.



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### OTHER CONSIDERATIONS

Item	District Provided	Contractor Must Provide	Not Applicable / Required
Water	X		
Power	X		
Removal of Items to be saved	X		
Removal & Disposal of Items Remaining in Work Area		X	
Safety & Security of Equipment		X	
On-site Challenge Testing of HEPA Filtered Equipment within 5 Calendar days of Start of Work		X	

### ALLOWABLE FORMS OF COMMUNICATION

The contractor shall establish a means of communication between the supervisor and workers inside the containment/regulated area which includes two-way radios or equivalent. At no time will yelling, whistling or banging on containment, walls or on the decontamination chambers be allowed as a form of communication.

### OCCUPANCY

This building will be unoccupied in the areas where lead disturbance is occurring. Other areas inside the building, but outside of the containment, may be occupied by staff and students, and other trades conducting work at this site.

### WASTE BIN/CONTAINERS

All bins/containers brought on-site to deposit waste into must be lockable or securable. Bins shall be secured at the end of every shift. Plywood shall be placed under the wheels of each bin to protect the existing surface. Bins must be double lined with 6-mil poly prior to waste being deposited. Containers must have the appropriate labels affixed on them as soon as any lead-contaminated debris is deposited.

### LEAD CONTAINMENT SETUP REQUIREMENTS

1. All poly used on this project shall be 6-mil and flame retardant.
2. A wash station that includes water, soap, towels and sticky mat shall be set up and used for hygiene purposes and to prevent the tracking out of lead-contaminated debris. Should a contractor's disturbance methods demand or choose to don disposable suits, the wash station must be built as a chamber. A chamber shall be built large enough to accommodate all workers donning PPE without being able to be seen by staff, students, or anyone else walking by.
3. The contractor is required to contain the disturbance of lead in a manner which prevents lead-contaminated dust, debris and water from leaving the regulated work area. Uncontrolled releases will not be allowed and will be cause for stopping the project until modified work practices and containment that prevent these releases from occurring are designed and implemented.
4. The containment must be developed in compliance with the requirements of CCR 8 1532.1, these specifications and must be approved by the consultant.
5. All those entering the regulated area must sign in on a roster that documents their presence in the area.



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## WORKER PROTECTION

The contractor shall provide respiratory protection as outlined in current Cal/OSHA regulations. However, at a minimum:

1. During the removal and detail cleaning of lead-containing or lead-based painted components, workers shall wear at a minimum, half-face negative-pressure respirator with P-100 HEPA cartridges.
2. Quality disposable coveralls such as Tyvek-like suits shall be worn by all workers during all remediation activities on this project. Exceptions to this must be submitted to consultant in writing for review/approval.
3. Contractor shall provide the chain of custody and laboratory results of their worker air monitoring results each week on Wednesday for the previous week's samples. Unless a negative exposure assessment is produced, worker air monitoring must continue as long as remediation activities are being performed.

## HEPA FILTERED EQUIPMENT REQUIREMENTS

Units arriving dirty or appearing to be contaminated shall be removed from the project site. Units must be positioned in the standard upright manner in which the manufacturer designed the equipment to operate.

## LEAD DISTURBANCE PROCEDURES

1. At no time shall lead painted components be disturbed in any manner that contain **asbestos** without following all of the requirements set forth in the **Asbestos** Scope of Work.
2. Lead remediation shall be performed using the most expedient method, contingent upon approval from the consultant.
3. All LCP and LBP components or materials must be stabilized in a manner approved by the consultant before it is disturbed.
4. All removal methods must be performed using amended water.
5. Lead-containing paints or components shall be disturbed and/or removed while being kept wet, inside a containment and promptly placed into leak-tight containers.
6. Lead waste must be containerized before any work stoppages, such as for breaks, lunch, or the end of a shift. Bulk debris must be kept adequately wet until containerized. The contractor must plan only to disturb amounts of material that can be cleaned up and containerized before the next work stoppage.

## PROHIBITED WORK PRACTICES

1. Uncontrolled releases. This is cause for stopping the project until modified work practices and containment that prevent these releases from occurring are designed and implemented.
2. Dry removal or dry disturbance of any kind. Garden hoses are prohibited on this project during remediation activities.
3. Mechanical tools without HEPA vacuum attachment and HEPA vacuum properly attached according to manufacturer recommendation.

## COMPLETION OF LEAD REMOVAL

The consultant will inspect work areas for visual signs of dust and debris related to the disturbance of lead. All surface areas must be clean. Residual dust, of any nature, that was generated on this project and found within the regulated area will be assumed to contain lead and must be cleaned. A passing visual inspection shall constitute the LCP and LBP paints or components are rendered stabilized before being removed in compliance with Cal/OSHA's Lead in Construction Standard 8 CCR 1532.1 and the work identified in the architectural drawings. Should the condition of the LCP and LBP change from the date and time the visual inspection was given by the consultant, the contractor shall stop work and contact the consultant for re-evaluation and/or reinspection of the component.



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## **LEAD DISPOSAL**

Waste characterization is the responsibility of the lead remediation contractor. Lead waste shall be secured on-site until characterized. Testing results shall be provided to the on-site project monitor within ten calendar days of the waste being generated. Lead waste shall be disposed of in accordance with the contractor's waste characterization.

The Contractor is required to comply with all regulations in Title 8 Section 1532.1 Lead in Construction, all appropriate sections of Title 17 Lead Related Construction and Cal/EPA Title 22 for waste classification and disposal. The containers shall be leak tight and meet the requirements as stated in these specifications. Bags and other containers shall not be overfilled.

### **Attachments:**

- A. Lead Submittal Requirements
- B. Initial Asbestos & Lead Survey





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## Attachment A – Submittal Requirements

## Lead Submittal Requirements

Note: not all of the items listed below are applicable for every project. Only the items applicable are required to be included in the submittal packet.

### Prestart Submittals

1. Contractor's license(s) & Training
  - a. CSLB license
  - b. EPA RRP
  - c. Proof of Lead Training
2. Notifications
  - a. San Joaquin Valley APCD or appropriate local EPA enforcement agency for the job site location.
  - b. Cal/OSHA
    - i. Lead notification
  - c. Equipment rented
    - i. Proof the rental company has been made aware the rented equipment will be used for lead related work.
3. Site specific safety/emergency plan
  - a. This must include, but is not limited to, the nearest hospital's phone number and address;
  - b. Local police department phone number and address;
  - c. Title, name and phone number of the contractor's contact whom should be contacted in the event of an emergency.
4. Contractor worker documentation for all workers on-site
  - a. Proof of lead training (Cal/OSHA, CDPH or EPA, etc.)
  - b. Proof of medical approval to wear a respirator
  - c. Respirator fit test
5. Contractor's respiratory protection program
6. Negative exposure assessment (if requesting to don lesser PPE than specified in the SOW)
7. Safety data sheets
  - a. All hazardous materials (as defined by Cal/OSHA)
8. Waste Disposal
  - a. Paperwork for landfill proving the landfill will accept the waste
  - b. Proof of licensed waste hauler and company for hazardous waste
  - c. Waste characterization of lead waste
  - d. Manifest for all types of waste to be generated

## Submittals Required During the Project

1. Daily copies
  - a. Safety meeting (if held daily)
  - b. Worker roster of all employees onsite – regardless of training
  - c. Entry/exit log for employees entering/exiting containment/regulated area
2. Weekly
  - a. Safety meeting
  - b. Worker personal air monitoring
  - c. Area air monitoring

## Submittals Required at the Conclusion of the Project

1. Contractor Air Monitoring & Lab Results (refer to the SOW for required frequency)
2. Any other paperwork as requested by the Consultant or Building Owner



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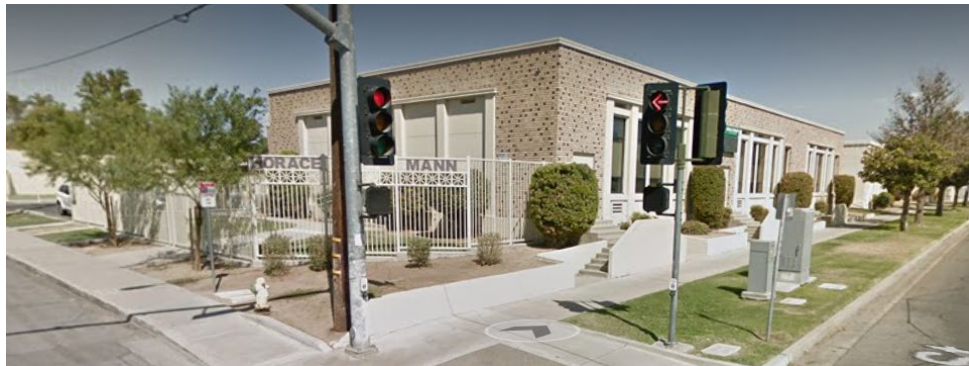
Attachment B – Initial Asbestos & Lead Survey



**SUMMARY OF COMPREHENSIVE ASBESTOS, LEAD, PCB,  
MERCURY & FLUORESCENT LIGHT TUBE INSPECTION  
FINDINGS**

**Site Information:**

Horace Mann ES – MOD Inspection  
2710 Niles Street, Bakersfield, CA 93306



**Prepared for:**

Mr. Robert Van Tassel, Supervisor – School Planning & Construction  
Bakersfield City School District  
1300 Baker Street, Bakersfield, CA 93305  
(661) 631-5883

**Prepared by:**

Kristy Yowell, CAC 09-4500 / CDPH No. LRC-00004640  
YES Environmental, Inc.  
YES, Inc. Project Number 22YES-64  
June 2023



## **Purpose of Inspection**

Bakersfield City School District (BCSD) contacted YES, Inc. to request an asbestos, lead, PCB, mercury and fluorescent light tube survey of the following buildings at Horace Mann Elementary School located at 2710 Niles Street, Bakersfield, CA:

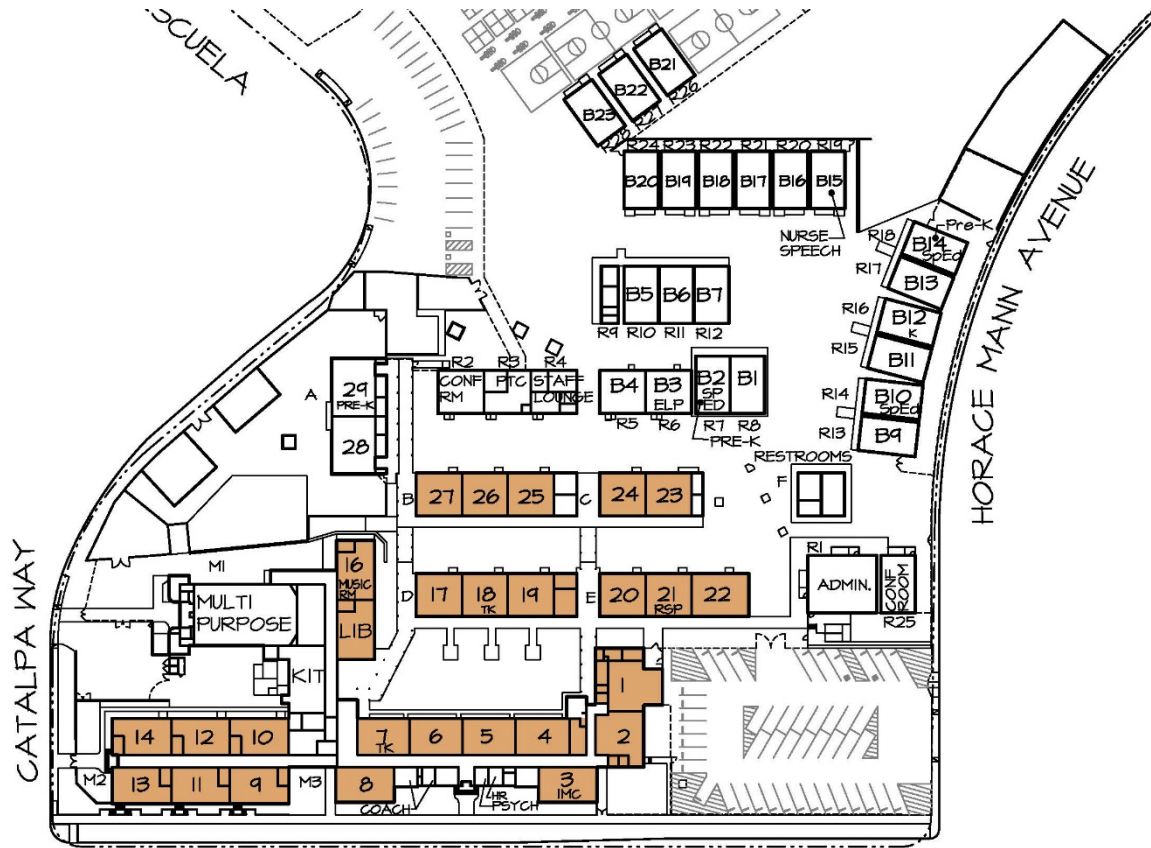
- Main Building M2 & M3 – Classrooms 1-14 including all hallways, connected offices, accessory rooms, and restrooms. Comprehensive inspection of all interiors and exteriors.
- Main Building – Library and Room 16 including adjacent hallway and accessory rooms. Comprehensive inspection of all interiors and exteriors.
- Building B – Classrooms 25-27 including all hallways, connected offices, accessory rooms, and restrooms. Comprehensive inspection of all interiors and exteriors.
- Building C – Classrooms 23-24 including all hallways, connected offices, accessory rooms, and restrooms. Comprehensive inspection of all interiors and exteriors
- Building D – Classrooms 17-19 including all hallways, connected offices, accessory rooms, and restrooms. Comprehensive inspection of all interiors and exteriors
- Building E – Classrooms 20-22 including all hallways, connected offices, accessory rooms, and restrooms. Comprehensive inspection of all interiors and exteriors
- The following buildings had limited interior and exterior inspections performed for fire alarm upgrade purposes. Per BCSD's scope the devices and conduits will likely be mounted on or penetrate upper interior walls, ceiling and attics. On the exterior the devices and conduits will likely be mounted or penetrate upper walls.
  - All rooms throughout Multi-Purpose Building M1
  - All rooms throughout relocatable Admin Building R1
  - All rooms throughout relocatable Conference Building R25
  - All rooms throughout Restroom Building F
  - All rooms throughout Building A (28-29)
  - All rooms throughout relocatable Buildings B1-B7 & B9-B23
  - All rooms throughout relocatable Buildings R2-R4
  - All rooms throughout relocatable Restroom Building R9

YES, Inc. performed the inspection over the course of several months, beginning in November 2022 and concluding in May 2023. The inspection was performed by Ms. Kristy Yowell who is a Cal/OSHA certified asbestos consultant and a CDPH certified lead inspector and risk assessor. Ms. Yowell was assisted by Mr. Allen Evans who is a Cal/OSHA certified Site Surveillance Technician and a CDPH certified lead sampling technician. A copy of their certifications is included in this report.



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NILES STREET  
HORACE MANN ELEMENTARY  
2710 NILES ST.  
631-5360  
AREA = 516,100 SQ. FT.  
OR 11.85 ACRES

REMOVE PERMANENT ROOMS FROM CHILLER SYSTEM. INSTALL NEW INDIVIDUAL WALL OR ROOF UNIT



**SITE PLAN**  
**10-11-21**



## **Regulatory Review**

The asbestos and lead surveys were performed in compliance with the following regulations:

- EPA NESHAP regulation 40 CFR Part 61 Subpart M
- EPA AHERA regulation 40 CFR Part 76
- Cal/OSHA lead in construction regulation Title 8 CCR 1532.1

The local enforcement office for the EPA NESHAP regulation, also known as San Joaquin Valley Air Pollution Control District (SJVAPCD), requires asbestos inspections of buildings and regulated structures to be performed prior to renovation or demolition activities, regardless of the age of the building or material(s) planned to be disturbed. This survey has met this requirement. Should the building owner opt to proceed with the removal or disturbance of the asbestos-containing materials discussed below (if any), notification to SJVAPCD and a 10-day waiting period may be required. Please contact YES, Inc. consulting firm prior to proceeding with work to determine the applicability of notification requirements.

EPA AHERA regulation determines the sampling protocol in K-12 public and non-profit private schools. The sampling protocols of this regulation were followed. AHERA also requires schools to add this inspection information to their existing Asbestos Management Plan. A copy of this report should be added to the main record in the District Office and a copy should be also retained on-site at the school. Since your District is a member of Self-Insured Schools of California (SISC), they should be notified of this inspection activity in order to update their copy of your school's asbestos management plan. Their office can be reached at (661) 636-4710.

Cal/OSHA requires an inspection of materials suspect to contain asbestos and lead prior to work commencing in order to protect workers who will be working directly with or around asbestos or lead-containing materials. Should the building owner proceed with any disturbance of the materials (in any amount), a copy of this report should be provided to all contractors involved. Note: there are other notifications that may be required in order to comply with this regulation. Please contact YES, Inc. consulting firm before proceeding with work to determine the applicability of such notifications. The lead portion of this survey is being performed in order for the contractor to comply with Title 8 CCR section 1532.1 in order to protect the workers performing disturbance of these materials.





## **Asbestos Inspection Protocol**

Each building, as described above, was inspected and suspect materials were categorized into homogenous areas and sampled accordingly. Samples were collected by misting the material being sampled with water, then drilling, scraping, hammering or chiseling from the substrate. Whenever possible, samples were collected from areas previously damaged or deteriorating. Each sample was placed in its own plastic sample bag, sealed, and labeled with a unique identification number. Sampling tools were individually cleaned before and after each sample was collected to avoid sample cross contamination.

The samples collected were recorded on YES, Inc.'s chain-of-custody form which accompanied them to the laboratory for analysis. The samples were shipped via Federal Express to either EMSL Analytical, Inc. or LA Testing, Inc., who are both NVLAP, ELAP and AIHA accredited laboratory in California. The samples submitted to be analyzed for asbestos content were analyzed using polarized light microscopy (PLM) with dispersion staining.

The complete list of materials tested for asbestos content and their locations, please refer to the attached Inspection Report by Room.

### **NESHAP – San Joaquin Valley Air Pollution Control District Definitions**

Category I non-friable asbestos-containing material (ACM) means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than 1 percent asbestos.

Category II non-friable ACM means any non-friable material, excluding Category I non-friable ACM, containing more than 1 percent asbestos.

Regulated asbestos-containing material (RACM) means (a) Friable asbestos material, (b) Category I nonfriable ACM that has become friable, (c) Category I nonfriable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or (d) Category II nonfriable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations regulated by this subpart.

### **Asbestos Conflicting Laboratory Results**

The EPA has a specific protocol for sampling suspect asbestos building materials. Multiple samples are typically recommended (in some cases required) to increase the statistical reliability of the results and to minimize the potential for field or laboratory error. Sometimes, multiple samples representing a particular material will yield both positive and negative results. When this happens, the negative sample result(s) are superseded by the positive results. Once a single positive sample is identified, the material represented by the sampling is treated as an asbestos-containing material.

However, if additional sampling data, as-built plans, or other reliable data can adequately explain or confirm that area(s) which tested positive are different (not homogenous) from areas tested negative, this information can be used to more accurately quantify ACM and define the scope of an asbestos abatement job.



## Lead Inspection Protocol

### Paint Analysis by XRF Spectrum Analyzer

The painted and/or coated surfaces were tested for lead content in the field using a Viken Pb200 X-Ray fluorescence (XRF) spectrum analyzer. Materials tested in specific areas are representative of homogeneous materials located in other project areas. Verification of calibration of the XRF was performed prior to, during (if appropriate – required every four hours), and immediately following testing.

If a paint is not listed in the report or has not been bulk sampled to verify a negative result (0.00 mg/cm<sup>2</sup>), it must be presumed to contain lead, and handled as such until proven lead free.

None of the paints on this campus were bulk sampled and must be presumed to contain lead.

Types of Lead Materials			
Types	Definition	Lead Content Standard	
LBP	Lead-based paint, coating or material	By XRF:	1.0 mg/cm <sup>2</sup> or greater
		By Paint Chip:	0.5 wt%; or 5,000 ppm
LCP	Lead-containing paint, coating or material	By XRF:	<1.0 mg/cm <sup>2</sup>
		By Paint Chip:	<0.5 wt%; or 5,000 ppm
ND	No lead detected	By XRF:	Requires paint chip confirmation
		By Paint Chip:	<limit of detection

## Summary of XRF Findings

Material Description	Locations See XRF table for specific testing information	Lead Type & Result
<b>Interior</b> paint – grey & dark blue on wood cabinetry  XRF Line #s: 6 & 131	Throughout Main Building 1-16	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> paint – grey on all wood door components including, but not limited to, doors, frames, jambs, trims, stops, etc.  XRF Line #s: 25, 72-73, 80 & 101	Throughout Main Building 1-16	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> paint – grey on all wood window components including, but not limited to, windows, sills, jams, skirt, frames, etc.  XRF Line #s: 32, 76, 82, 104 & 128-129	Throughout Main Building 1-16	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> ceramic wall tile – various colors & sizes  XRF Line #s: 41 & 107	Restrooms throughout Main Building 1-16	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> paint – cream on all wood baseboards  XRF Line #s: 64, 69 & 91	Throughout Main Building 1-16	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> paint – cream on all plaster walls  XRF Line #s: 65-68, 98-99 & 119	Throughout the East Main Building 1-8 and all rooms in between and adjacent	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Exterior</b> paint – cream on all wood window components including, but not limited to, windows, troughs, sills, jams, skirt, frames, etc.  XRF Line #s: 50-51 & 141	Throughout Main Building 1-16	LBP ≥1.00 mg/cm <sup>2</sup>



Material Description	Locations See XRF table for specific testing information	Lead Type & Result
<b>Exterior</b> paint – green on all wood door components including, but not limited to, doors, frames, jambs, trims, stops, etc.  XRF Line #s: 53-54 & 138	Throughout Main Building 1-16	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> white porcelain sinks  XRF Line #s: 146 & 214	Throughout Building D (17-19), Building E (20-22), Building C (23-24), and Building B (25-27)	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior &amp; Exterior</b> vertical metal window posts painted grey  XRF Line #s: 153, 160, 173, 184, 195, 209, 222 & 234	Throughout Building D (17-19), Building E (20-22), Building C (23-24), and Building B (25-27)	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> paint – grey on all wood door components including, but not limited to, doors, frames, jambs, trims, stops, etc.  XRF Line #: 158	Throughout Building D (17-19), Building E (20-22), Building C (23-24), and Building B (25-27)	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> ceramic wall tile – various colors & sizes  XRF Line #s: 41 & 107	Throughout Building D (17-19), Building E (20-22), Building C (23-24), and Building B (25-27)	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Exterior</b> white porcelain drinking fountains  XRF Line #: 166	Throughout Building D (17-19), Building E (20-22), Building C (23-24), and Building B (25-27)	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Exterior</b> wood window sills painted cream  XRF Line #s: 171, 220, 232, 241 & 243	Throughout Building D (17-19), Building E (20-22), Building C (23-24), and Building B (25-27)	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Exterior</b> vertical metal posts painted green  XRF Line #s: 245 & 248	Covered Walkways that run north to south between 20 & 24 and 19 & 25	LBP ≥1.00 mg/cm <sup>2</sup>
All other painted components on campus – interior and exterior	Throughout the buildings inspected	LCP 0.00-0.99 mg/cm <sup>2</sup>

### Additional Lead Information

Contractors, whose employees work at this site, are required to assess if their work will be subject to the requirements of the Cal/OSHA lead construction standard (CCR Title 8 § 1532.1). Cal/OSHA standards are designed to regulate and enforce on-the-job worker safety. Employers are required by law to ensure that employees are not exposed to airborne lead levels which exceed the permissible exposure limit (PEL). The standard requires worker exposure monitoring, medical surveillance, training, special work practices, etc.

Each contractor/employer who bids and/or performs work at the site will need to assess potential lead exposure to employees performing their particular scope of work. Contractors who perform work at this site may need to obtain additional data (beyond the data presented in this report) during their assessment and Cal/OSHA compliance planning. Individual contractors/subcontractors should be allowed access to the project to obtain any needed data (samples, consultation, etc.) to complete their employee exposure assessment.

Any work performed at the site where LBP or LCP is likely to be disturbed should be performed



by a contractor trained and qualified to perform lead-related construction work. Any work that exceeds Cal/OSHA's permissible exposure limit or is performed to remediate a lead hazard must be conducted by CDPH certified personnel.

### **FLUORESCENT LIGHT TUBES / PCB BALLASTS / MERCURY THERMOSTATS**

During the inspection YES, Inc. observed most every room has mercury vapor fluorescent light tubes, and ballasts that may contain polychlorinated biphenyls (PCBs).

No mercury-containing switches or thermostats were observed.

### **DISCLAIMERS**

The nature of renovation/demolition is such that materials can be uncovered which previously were unknown to exist. Therefore, YES, Inc. cannot be responsible for "hidden materials", although reasonable efforts were made during the inspection to detect all suspect materials. If any materials other than those included in this report and/or its attachments are discovered during renovation/demolition, it must be assumed that the materials are asbestos and/or lead-containing, and the project should then be halted and re-evaluated. This inspection and testing performed by YES, Inc. reflect the environment and structure only at the time and location the investigation was undertaken.

This report has been prepared for the exclusive use of YES, Inc.'s client and is not intended for use by any other party. Any use of this report by a third party shall be at their own risk and shall constitute release and an agreement to defend and indemnify YES, Inc. from any and all liability in connection therewith.

This report does not assess or anticipate future events that may impact or damage asbestos, or lead materials. Future changes in the condition of ACM or LBP may require a new assessment by a certified asbestos consultant and certified lead inspector/risk assessor. This report is not a work plan or project specification.

### **FURTHER RECOMMENDATIONS**

YES, Inc. recommends that the building owner disseminate this report to all prospective contractors bidding work at the subject site to assist them in identifying the materials tested for asbestos and/or lead-containing materials. Project design and oversight by a consultant is recommended to ensure the project is performed safely and legally during the removal and disturbance of asbestos or lead components or materials.



Thank you for using YES, Inc. for your consulting needs. We look forward to working together in the future.

Sincerely,

*Kristy Yowell*

Kristy Yowell, President,  
CA Asbestos Consultant No. 09-4500 / CA Dept. of Public Health I/RA No. LRC-00004640

Attachments    A – Asbestos Inspection Report by Room & Maps  
                      B – Lead XRF Report, CDPH Form 8552 & Maps  
                      C – Chain of Custodies & Laboratory Reports  
                      D – YES, Inc. Certifications & Laboratory Accreditations



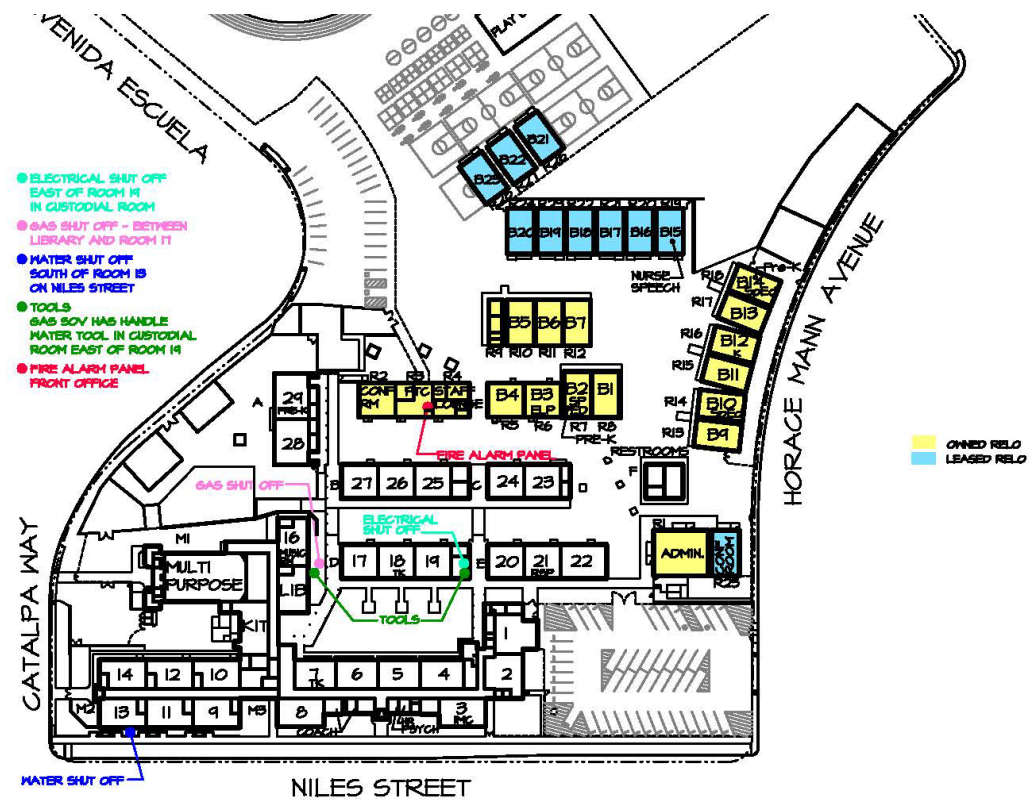
1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

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Attachment A – Asbestos Inspection Report by Room & Maps



Bakersfield City School District  
Horace Mann ES – 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 – January 2023



HORACE MANN ELEMENTARY  
2710 NILES STREET  
631-5360

AREA = 516,100 SQ. FT.  
OR 11.85 ACRES



### SITE PLAN

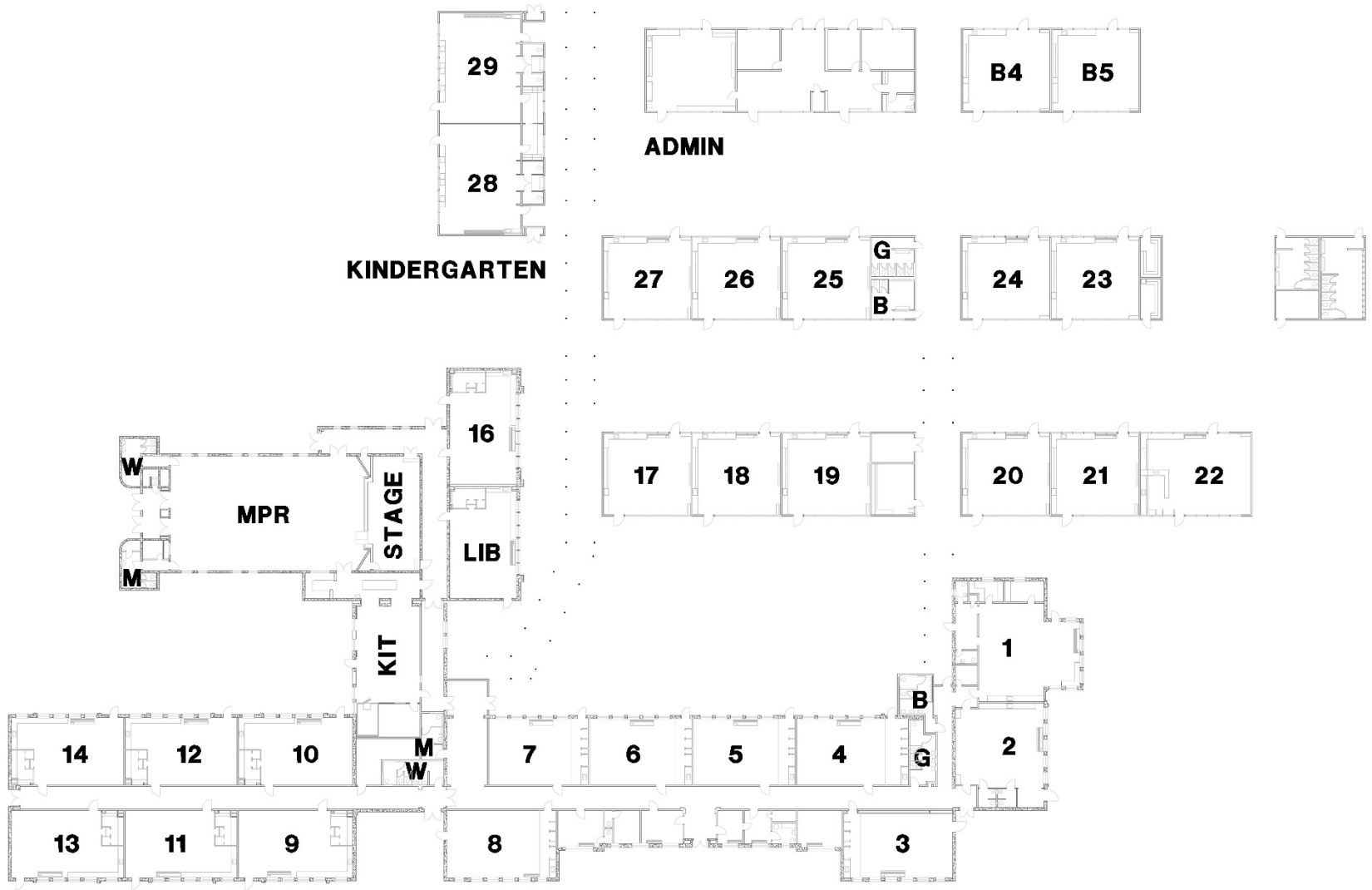
11-17-21

SCALE: 1"=150'

Not Drawn to Scale



Bakersfield City School District  
Horace Mann ES – 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 – January 2023



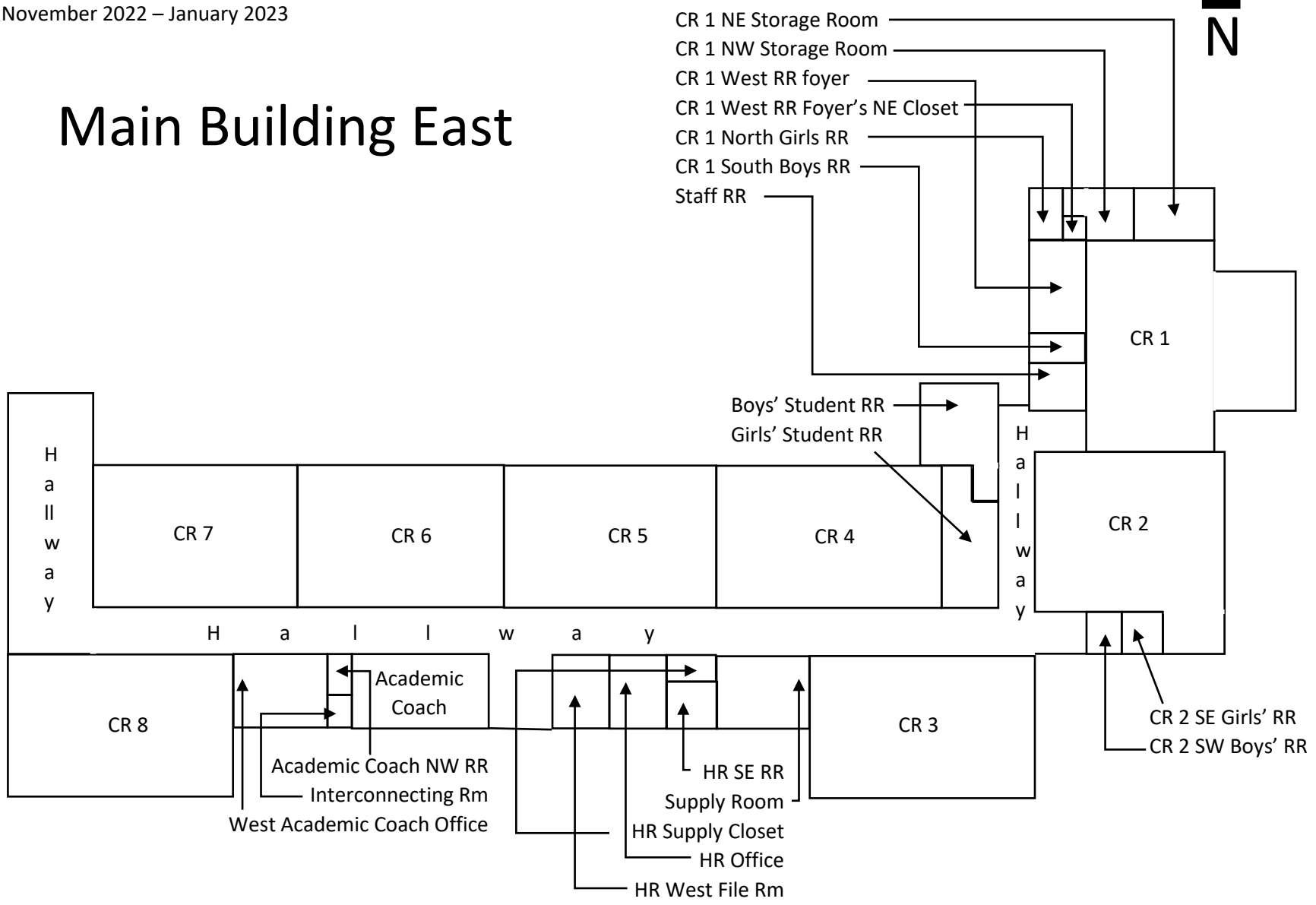
Not Drawn to Scale



Bakersfield City School District  
Horace Mann ES – 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 – January 2023



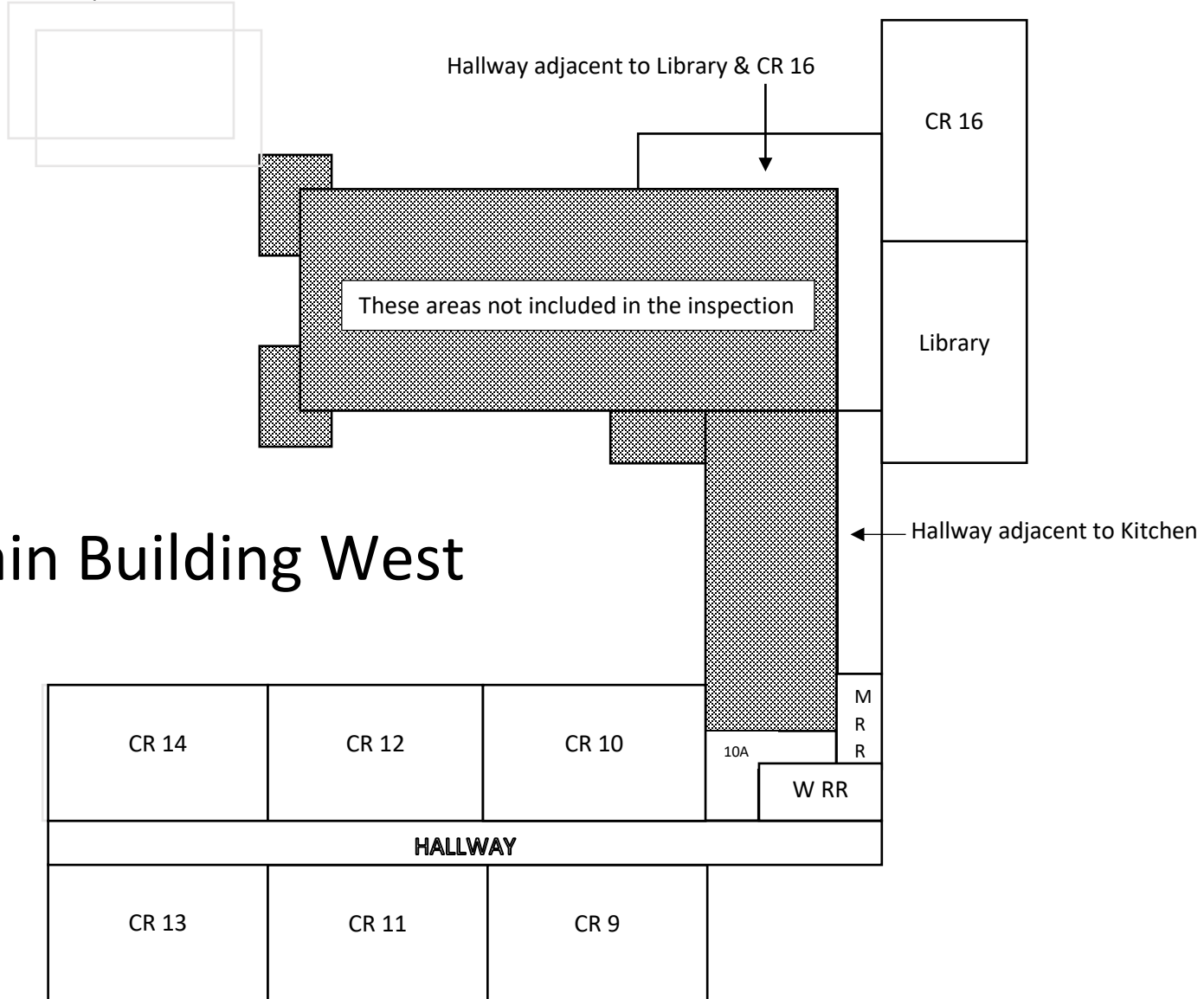
# Main Building East



Not Drawn to Scale



Bakersfield City School District  
Horace Mann ES – 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 – January 2023



# Main Building West

Not Drawn to Scale



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11.08.22

## Inspection Report

<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	Attic
<p><b>Attic is defined as: every enclosed spaced that is contiguous and/or beneath the roof, attic, void, and plenum space above every room in this building including, but not limited to, exterior enclosed eaves, enclosed hallways, walkways, corridors, wall cavities, etc. and all spaces beneath the roof and above ceilings that are or are not readily accessible.</b></p>			

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	-		Wood joists		n/a	n/a
Walls	14	14A	Brick & mortar		N	n/a
Walls	16	16A	Unfinished drywall (noT&J)		N	n/a
	NOTE		Seen inside the attic against walls near roof deck			
<b>Flue Pipes</b>	<b>15</b>		<b>Transite flue pipes - Known Asbestos Material</b>		<b>Y</b>	<b>N</b>
	NOTE		<b>2 pipes can be seen from attic access in CR 1 RR Foyer</b>			
Ceiling	-		Roof deck - 2x6 gap sheathing		n/a	n/a

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Building:</b>	Main Building 1-14		<b>Room Name:</b>	Classroom 1	<b>Rm Ft<sup>2</sup>:</b>	1440
			<b>Room Dimensions:</b>	L=36 W=40 H=13		
<b>Floor</b>	1	01A	Carpet squares & glue - blue/grey striped	wood underlayment	N	n/a
<b>Floor</b>	-		Wood underlayment	floor tile	n/a	n/a
<b>Floor</b>	9	09A	Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
<b>Floor</b>	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
<b>Floor</b>	-		Wood diagonal sheathing	joists		
<b>BB</b>	2	02A	Baseboard & glue - 4" black	Wood	N	n/a
<b>BB</b>	-		5" Wood		n/a	n/a
<b>Wall</b>	3	03A	Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 2-3'			
<b>Wall</b>	8		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 2-3'			
<b>Counter Top</b>	5	05A	Sheet vinyl & brown glue - lt beige mosaic pattern	Wood	N	n/a
<b>Sink</b>	-		Porcelain		n/a	n/a
<b>Ceiling</b>	7	07B	Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
<b>Ceiling</b>	6	06A	Fiberglass batt insulation paper jacketed	ACTS	N	n/a
<b>Ceiling</b>	4	04A	Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
<b>Ceiling</b>	3	03B	Plaster - sanded finish	Gap Sheathing	N	n/a

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# YES Environmental, Inc.

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<b>Building:</b> Main Building 1-14	<b>Room Name:</b> CR 1 - NE Storage Room	<b>Rm Ft<sup>2</sup>:</b> 112
Room Note: This rooms is packed full of stuff. Difficult to inspect.	<b>Room Dimensions:</b> L=14 W=8 H=12	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	1		Carpet squares & glue - blue/grey striped	wood underlayment	N	n/a
Floor	-		Wood underlayment	floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	2		Baseboard & glue - 4" black	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		North, West & South walls			
Wall	-		Wood		n/a	n/a
	NOTES		Added presumeable over plaster wall. East wall only.			
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a

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# YES Environmental, Inc.

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<b>Building:</b> Main Building 1-14	<b>Room Name:</b> CR 1 - NW Storage Room	<b>Rm Ft<sup>2</sup>:</b> 144
Room Note: This rooms is packed full of stuff. Difficult to inspect.	<b>Room Dimensions:</b> L=18 W=8 H=12	

Component	HMR #	Sample #	Material Description	Substrate	ACM	Friable
					Y/N	Y/N
Floor	-		Hardwood floor - exposed & bare		n/a	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 2-3'			
Wall	8		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 2-3'			
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a

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<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	CR 1 - West RR Foyer	<b>Rm Ft<sup>2</sup>:</b>	128
		<b>Room Dimensions:</b>	L=16 W=8 H=12		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	10	10A	Carpet & glue - black with white dots	Sheet flooring	N	n/a
Floor	11	11A	Sheet flooring & glue - black/white sand pattern	Wood underlayment	N	n/a
Floor	-		Wood underlayment	floor tile		
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	2		Baseboard & glue - 4" black	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 2-3'			
Wall	8		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 2-3'			
Ceiling	3		Plaster - sanded finish		N	n/a

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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<b>Building:</b> Main Building 1-14	<b>Room Name:</b> CR 1 - West RR Foyer's NE Closet <b>Rm Ft<sup>2</sup>:</b> 6
<b>Room Dimensions:</b> L=3 W=2 H=7	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	11		Sheet flooring & glue - black/white sand pattern	Wood underlayment	N	n/a
Floor	-		Wood underlayment	floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	12	12A	Baseboard & brown glue - 3" blue	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	8		Plaster - smooth finish		N	n/a
Ceiling	8		Plaster - smooth finish		N	n/a

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# YES Environmental, Inc.

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<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	CR 1 - North Girls RR	<b>Rm Ft<sup>2</sup>:</b>	40
		<b>Room Dimensions:</b>	L=8      W=5      H=12		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	11		Sheet flooring & glue - black/white sand pattern	Wood underlayment	N	n/a
Floor	-		Wood underlayment	floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	11		Sheet flooring & glue - black/white sand pattern	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	8		Plaster - smooth finish		N	n/a
Wall	13		FRP & glue- white OP pattern	Plaster	Y	N
	NOTE		AFF 4'. Assumed. Sampling will cause irreparable damage. Sample before disturbing.			
Ceiling	8		Plaster - smooth finish		N	n/a

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Building:</b>	Main Building 1-14					
				<b>Room Name:</b> CR 1 - SouthBoys RR	<b>Rm Ft<sup>2</sup>:</b>	40
				<b>Room Dimensions:</b> L=8 W=5 H=12		
<b>Floor</b>	11		Sheet flooring & glue - black/white sand pattern	Wood underlayment	N	n/a
<b>Floor</b>	-		Wood underlayment	floor tile	n/a	n/a
<b>Floor</b>	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
		NOTE	All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
<b>Floor</b>	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
<b>Floor</b>	-		Wood diagonal sheathing	joists	n/a	n/a
<b>BB</b>	11		Sheet flooring & glue - black/white sand pattern	Wood	N	n/a
<b>BB</b>	-		5" Wood		n/a	n/a
<b>Wall</b>	8		Plaster - smooth finish		N	n/a
<b>Wall</b>	13		FRP & glue- white OP pattern	Plaster	Y	N
		NOTE	AFF 4'. Assumed. Sampling will cause irreparable damage. Sample before disturbing.			
<b>Ceiling</b>	8		Plaster - smooth finish		N	n/a

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



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<b>Building:</b> Main Building 1-14	<b>Room Name:</b> Staff RR	<b>Rm Ft<sup>2</sup>:</b> 56
Adjacent to CR 1	<b>Room Dimensions:</b> L=8 W=7 H=12	

Component	HMR #	Sample #	Material Description	Substrate	ACM	Friable
					Y/N	Y/N
Floor	17	17A	Sheet flooring & glue - lt blue mosaic pattern	Concrete	N	n/a
BB	17		Sheet flooring & glue - lt blue mosaic pattern	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	8		Plaster - smooth finish		N	n/a
Ceiling	8		Plaster - smooth finish		N	n/a

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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Building:</b>	Main Building 1-14					
				<b>Room Name:</b> Classroom 2	<b>Rm Ft<sup>2</sup>:</b> 930	
				<b>Room Dimensions:</b> L=30 W=31 H=12		
<b>Floor</b>	1		Carpet squares & glue - blue/grey striped	wood underlayment	N	n/a
<b>Floor</b>	-		Wood underlayment	floor tile	n/a	n/a
<b>Floor</b>	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
<b>Floor</b>	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
<b>Floor</b>	-		Wood diagonal sheathing	joists	n/a	n/a
<b>BB</b>	2		Baseboard & glue - 4" black	Wood	N	n/a
<b>BB</b>	-		5" Wood		n/a	n/a
<b>Wall</b>	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 2-3'			
<b>Wall</b>	8		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 2-3'			
<b>Counter Top</b>	5		Sheet vinyl & brown glue - lt beige mosaic pattern	Wood	N	n/a
<b>Sink</b>	-		Porcelain		n/a	n/a
<b>Ceiling</b>	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
<b>Ceiling</b>	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a
<b>Ceiling</b>	4		Acoustic ceiling tile 12" & brown glues - uniform holes	ACM Plaster	N	n/a
<b>Ceiling</b>	18		Plaster - rough finish		Y	Y
	NOTE		Previously sampled by HMS 2016 - 2% CH			

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# YES Environmental, Inc.

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<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	CR 2 - SE Girls RR	<b>Rm Ft<sup>2</sup>:</b>	36
		<b>Room Dimensions:</b>	L=6 W=6 H=12		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	20	20A	Sheet vinyl & brown glue - pink/blue/cream sand pattern	Wood	N	n/a
Floor	-		Wood - Abatement records down to floor joists in 2013.		n/a	n/a
BB	20		Sheet vinyl & brown glue - pink/blue/cream sand pattern	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	8		Plaster - smooth finish		N	n/a
Wall	13		FRP & glue- white OP pattern	Plaster	Y	N
	NOTE		AFF 7.5'. Assumed. Sampling will cause irreparable damage. Sample before disturbing.			
Ceiling	8		Plaster - smooth finish		N	n/a

<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	CR 2 - SW Boys RR	<b>Rm Ft<sup>2</sup>:</b>	36
		<b>Room Dimensions:</b>	L=6 W=6 H=12		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	11		Sheet flooring & glue - black/white sand pattern	Wood underlayment	N	n/a
Floor	-		Wood underlayment	floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	11		Sheet flooring & glue - black/white sand pattern	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	8		Plaster - smooth finish		N	n/a
Wall	13		FRP & glue- white OP pattern	Plaster	Y	N
	NOTE		AFF 4'. Assumed. Sampling will cause irreparable damage. Sample before disturbing.			
Ceiling	8		Plaster - smooth finish		N	n/a

RED=contains asbestos

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# YES Environmental, Inc.

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<b>Building:</b> Main Building 1-14 Located Adjacent to CR 2	<b>Room Name:</b> Boys' Student RR	<b>Rm Ft<sup>2</sup>:</b> 176
	<b>Room Dimensions:</b> L=16 W=11 H=8	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	21	21A	Ceramic tile & brown grout - 2" grey		N	N/A
BB			None			
Walls	22		Ceramic tile & white grout - 4" lt grey		N	N/A
	NOTE		Floor to ceiling.			
Ceiling	8		Plaster - smooth finish		N	N/A
Door	23		Fire door (1) 20 minute		Y	Y
	NOTE		Assumed, test prior to disturbance			

<b>Building:</b> Main Building 1-14 Located Adjacent to CR 2	<b>Room Name:</b> Girls' Student RR	<b>Rm Ft<sup>2</sup>:</b> 198
	<b>Room Dimensions:</b> L=22 W=9 H=8	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	21		Ceramic tile & brown grout - 2" grey		N	n/a
BB			None		n/a	n/a
Walls	22	22A	Ceramic tile & white grout - 4" lt grey		N	n/a
	NOTE		Floor to ceiling.			
Ceiling	8		Plaster - smooth finish		N	n/a
Door	23		Fire door (1) 20 minute		Y	Y
	NOTE		Assumed, test prior to disturbance			

NOTE Attic Access

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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**Building:** Main Building 1-14

**Room Name:** Attic above RRs

Located Adjacent to CR 2

**Attic is defined as: every enclosed spaced that is contiguous and/or beneath the roof, attic, void, and plenum space above every room in this building including, but not limited to, exterior enclosed eaves, enclosed hallways, walkways, corridors, wall cavities, etc. and all spaces beneath the roof and above ceilings that are or are not readily accessible.**

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor			Ceiling joists		n/a	n/a
BB			None		n/a	n/a
Walls	24	24A	Unfinished drywall with tape & joint compound		N	n/a
Ceiling	8		Plaster - smooth finish		N	n/a
Uppermost walls	3		Plaster - sanded finish		N	n/a
	NOTE		Walls leading up to what appears to be old skylight.			

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	Classroom 3	<b>Rm Ft<sup>2</sup>:</b>	874
		<b>Room Dimensions:</b>	L=38 W=23 H=10/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	25	25A	Carpet & glue - blue w/white	Wood	N	n/a
	NOTE		Covers approx. 80% of floor previously sampled by HMS 2016			
Floor	26	26A	Sheet flooring & glue - grey mosaic pattern	Wood	N	n/a
	NOTE		Covers approx. 10% of floor previously sampled by HMS 2016			
Floor	27	27A	Sheet flooring & glue - purple w/black/white flecks	Wood	N	n/a
	NOTE		Covers approx. 10% of floor previously sampled by HMS 2016			
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9	28A	Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	12	12B	Baseboard & brown glue - 3" blue	5" Wood bb	N	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
Wall	8		Plaster - smooth finish		N	n/a
Counter Top	28	28A	Sheet vinyl & brown glue - blue fabric pattern	Wood	N	n/a
Counter Top	48	48A	Counter top material & glue - brown/cream mosaic pattern 15%	Wood	Y	Y
Sink	-		Porcelain		n/a	n/a
Ceiling	7	07A	Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
Ceiling	29	29A	Lay-in panels 2'x4' gouge pinhole - newer	F/G Batts	N	n/a
Ceiling	30	30A	Lay-in panels 2'x4' fissured pinhole - older	F/G Batts	N	n/a
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a
Window Infill	31	31A	Unfinished drywall - painted	NOTE some window infills are plaster above doors.	N	n/a

RED=contains asbestos

BLACK=no asbestos detected or non-suspect





# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	Classroom 4	<b>Rm Ft<sup>2</sup>:</b>	
		<b>Room Dimensions:</b>	L=38 W=23 H=10/13		874

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	2		Baseboard & glue - 4" black	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 2-3'			
Wall	8		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 2-3'			
Counter Top	28		Sheet vinyl & brown glue - blue fabric pattern	Wood	N	n/a
Sink	-		Porcelain		n/a	n/a
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a
Window Infill	31		Unfinished drywall - painted		N	n/a

RED=contains asbestos

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> Supply Rm Adj to CR 3	<b>Rm Ft<sup>2</sup>:</b> 308
<b>Room Dimensions:</b> L=22 W=14 H=8		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	2		Baseboard & glue - 4" black	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 2-3'			
Wall	8		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 2-3'			
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a
Window Infill	31		Unfinished drywall - painted		N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Main Building 1-14		Room Name:	HR Office		Rm Ft <sup>2</sup> :	132	
		Immediately adjacent to Supply Rm adj to CR 3		Room Dimensions:	L=12	W=11	H=8		
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N			
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a			
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a			
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N			
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND						
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a			
Floor	-		Wood diagonal sheathing	joists					
BB	2		Baseboard & glue - 4" black	Wood	N	n/a			
BB	-		5" Wood		n/a	n/a			
Wall	3		Plaster - sanded finish	wire mesh	N	n/a			
	NOTES		Most of the walls above 2-3'						
Wall	8		Plaster - smooth finish		N	n/a			
	NOTES		Most of the lower walls below 2-3'						
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a			
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a			
Ceiling	4	04B	Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a			
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a			
Window Infill	31		Unfinished drywall - painted		N	n/a			

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> HR NE Supply Rm	<b>Rm Ft<sup>2</sup>:</b> 24
Immediately adjacent to Supply Rm adj to CR 3	<b>Room Dimensions:</b> L=6 W=4 H=12	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	25		Carpet & glue - blue w/white	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a

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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N	
<b>Building:</b>	Main Building 1-14			<b>Room Name:</b>	HR SE RR	<b>Rm Ft<sup>2</sup>:</b>	64
	Immediately adjacent to Supply Rm adj to CR 3			<b>Room Dimensions:</b>	L=8 W=8 H=12		
<b>Floor</b>	32	32A	Sheet vinyl & glue - dk blue/grey w/black mosaic fabric pattern	Wood	N	n/a	
<b>Floor</b>	-		Wood underlayment	ACM floor tile			
<b>Floor</b>	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N	
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND				
<b>Floor</b>	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a	
<b>Floor</b>	-		Wood diagonal sheathing	joists	n/a	n/a	
<b>BB</b>	32		Sheet vinyl & glue - dk blue/grey w/black mosaic fabric pattern	Wood	N	n/a	
<b>BB</b>	-		5" Wood		n/a	n/a	
<b>Wall</b>	3		Plaster - sanded finish	wire mesh	N	n/a	
<b>Wall</b>	13		FRP & glue- white OP pattern	Plaster	Y	N	
	NOTE		AFF 5'. Assumed. Sampling will cause irreparable damage. Sample before disturbing.				
<b>Ceiling</b>	3		Plaster - sanded finish	Gap Sheathing	N	n/a	

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> HR West File Rm	<b>Rm Ft<sup>2</sup>:</b> 96
Immediately adjacent to Supply Rm adj to CR 3	<b>Room Dimensions:</b> L=12 W=8 H=10/12	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
			NOTE All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	2		Baseboard & glue - 4" black	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
			NOTE Walls above 5' on average.			
Wall	8		Plaster - smooth finish	wire mesh	N	n/a
			NOTE AFF 5'			
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a
Window Infill	31		Unfinished drywall - painted		N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	Classroom 5	<b>Rm Ft<sup>2</sup>:</b>	782
		<b>Room Dimensions:</b>	L=34 W=23 H=10/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	2		Baseboard & glue - 4" black	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 2-3'			
Wall	8		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 2-3'			
Counter Top	28		Sheet vinyl & brown glue - blue fabric pattern	Wood	N	n/a
Sink	-		Porcelain		n/a	n/a
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a
Window Infill	31		Unfinished drywall - painted		N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Main Building 1-14		Room Name:	Classroom 6		Rm Ft <sup>2</sup> :	782	
		Room Dimensions:		L=34	W=23	H=10/13			
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N			
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a			
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a			
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N			
		NOTE	All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND						
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a			
Floor	-		Wood diagonal sheathing	joists	n/a	n/a			
BB	2		Baseboard & glue - 4" black	Wood	N	n/a			
BB	-		5" Wood		n/a	n/a			
Wall	3		Plaster - sanded finish	wire mesh	N	n/a			
		NOTES	Most of the walls above 2-3'						
Wall	8		Plaster - smooth finish		N	n/a			
		NOTES	Most of the lower walls below 2-3'						
Counter Top	28		Sheet vinyl & brown glue - blue fabric pattern	Wood	N	n/a			
Sink	-		Porcelain		n/a	n/a			
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a			
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a			
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a			
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a			
Window Infill	31	31B	Unfinished drywall - painted		N	n/a			

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Main Building 1-14		Room Name:		Classroom 7		Rm Ft <sup>2</sup> :		782	
				Room Dimensions:		L=34	W=23	H=10/13			
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N					
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a					
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a					
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N					
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND								
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a					
Floor	-		Wood diagonal sheathing	joists							
BB	2		Baseboard & glue - 4" black	Wood	N	n/a					
BB	-		5" Wood		n/a	n/a					
Wall	3		Plaster - sanded finish	wire mesh	N	n/a					
	NOTES		Most of the walls above 2-3'								
Wall	8		Plaster - smooth finish		N	n/a					
	NOTES		Most of the lower walls below 2-3'								
Counter Top	28		Sheet vinyl & brown glue - blue fabric pattern	Wood	N	n/a					
Sink	-		Porcelain		n/a	n/a					
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a					
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a					
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a					
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a					
Window Infill	31		Unfinished drywall - painted		N	n/a					

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> Academic Coach	<b>Rm Ft<sup>2</sup>:</b> 336
<b>Room Dimensions:</b> L=28 W=12 H=10/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	25		Carpet & glue - blue w/white	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 2-3'			
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a
Window Infill	31		Unfinished drywall - painted		N	n/a
Door	23		Fire door (1) 20 minute Assumed - Test prior to construction		Y	Y

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# YES Environmental, Inc.

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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Building:	Main Building 1-14		Room Name:	Academic Coach NW RR	Rm Ft <sup>2</sup> :	18
			Room Dimensions:	L=6 W=3 H=13		
Floor	26	26B	Sheet flooring & glue - cream mosaic pattern	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 1'			
Wall	8		Plaster - smooth finish	wire mesh	N	n/a
	NOTES		Most of the walls above 5'			
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Main Building 1-14		Room Name:	Interconnecting Room		Rm Ft <sup>2</sup> :	18
Located between Academic Coach & Office adj to CR 8				Room Dimensions:	L=6	W=3	H=13	
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N		
Floor	33	33A	Sheet vinyl & glue - solid cream		N	n/a		
Floor	26		Sheet flooring & glue - cream mosaic pattern	Wood	N	n/a		
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a		
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N		
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND					
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a		
Floor	-		Wood diagonal sheathing	joists				
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a		
BB	-		5" Wood		n/a	n/a		
Wall	3		Plaster - sanded finish	wire mesh	N	n/a		
	NOTES		Most of the walls above 1'					
Wall	8		Plaster - smooth finish	wire mesh	N	n/a		
	NOTES		Most of the walls above 5'					
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a		

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> West Academic Coach Office	<b>Rm Ft<sup>2</sup>:</b> 196
Located between Academic Coach & Office adj to CR 8	<b>Room Dimensions:</b> L=14 W=14 H=8/13	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	34	34A	Carpet & glue - blue/green/red/cream multi	Wood	N	n/a
Floor	33		Sheet vinyl & glue - solid cream	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	Classroom 8	<b>Rm Ft<sup>2</sup>:</b>	828
		<b>Room Dimensions:</b>	L=36 W=23 H=9/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	1	01B	Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile		
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	2	02B	Baseboard & glue - 4" black	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 2-3'			
Wall	8	08A	Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 2-3'			
Counter Top	28	28B	Sheet vinyl & brown glue - blue fabric pattern	Wood	N	n/a
Sink	-		Porcelain		n/a	n/a
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
Ceiling	6	06B	Fiberglass batt insulation paper jacketed	ACTS	N	n/a
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a
Window Infill	31		Unfinished drywall - painted		N	n/a

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	Hallway between CRs 1-8	<b>Rm Ft<sup>2</sup>:</b>	3,000
		<b>Room Dimensions:</b>	L=375 W=8 H=9/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	11	11B	Sheet flooring & glue - black/white sand pattern	Wood/concrete	N	n/a
		NOTE	The hallway's substrate is mostly wood. The sections that run north/south are concrete.			
Floor	-		Two layers of wood underlayment (thicknesses unknown)	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
		NOTE	All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	n/a	n/a
		NOTES	Most of the walls above 5'			
Wall	8		Plaster - smooth finish		N	n/a
		NOTES	Most of the lower walls below 5'			
Counter Top	28		Sheet vinyl & brown glue - blue fabric pattern	Wood	N	n/a
Sink	-		Porcelain		n/a	n/a
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a
Window Infill	31		Unfinished drywall - painted		N	N/A

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14 L-shaped room	<b>Room Name:</b> 10A	<b>Rm Ft<sup>2</sup>:</b> 135
<b>Room Dimensions:</b> L=15 W=9 H=10/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	35		Floor tile & glue 12" grey oatmeal	Wood underlayment	N	n/a
	NOTE		Previously sampled by HMS 2016			
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	36		Baseboard & glue - 4" lt grey		N	n/a
	NOTE		Previously sampled by HMS 2016			
Walls	42	42A	Plaster - smooth finish		N	n/a
	NOTE		Some walls have concrete substrate. Others wire mesh			
Ceiling	37	37B	Lay-in panels 2'x4' gouge pinhole	ACTS	N	n/a
Ceiling	39	39A	Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
Ceiling	40	40A	Plaster - sanded finish	Gap Sheathing	N	n/a
Window Infill	31		Unfinished drywall - painted		N	n/a

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Building:		Main Building 1-14		Room Name:	Classroom 9		Rm Ft <sup>2</sup> :	1035	
		Room Dimensions:		L=45	W=23	H=13			
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N			
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a			
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a			
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N			
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND						
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a			
Floor	-		Wood diagonal sheathing	joists	n/a	n/a			
BB	41	41A	Baseboard & glue - 3" black	Wood	N	n/a			
BB	-		3" Wood		n/a	n/a			
Wall	18		Plaster rough finish - 2% CH	wire mesh	Y	Y			
	NOTE		Most of the walls above 7'. HMS Report 5.27.16 = 2% CH						
Wall	42		Plaster - smooth finish		N	n/a			
	NOTES		Most of the lower walls below 7'						
Walls	43		Chalkboards	Plaster #42	Y	N			
	NOTE		Assumed, test prior to disturbance						
Counter Top	-		Formica - blue	Wood	n/a	n/a			
Sink	-		Porcelain		n/a	n/a			
Wall	18		Plaster rough finish - 2% CH	wire mesh	Y	Y			
	NOTE		Most of the walls above 7'. HMS Report 5.27.16 = 2% CH						
Window Infill	31		Unfinished drywall - painted		N	n/a			
Unit									
Ventilator	44	44A	Pipe straight insulation - paper jacketed		N	n/a			

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Building:** Main Building 1-14

**Room Name:** Attic Above 9-14

**Attic is defined as: every enclosed spaced that is contiguous and/or beneath the roof, attic, void, and plenum space above every room in this building including, but not limited to, exterior enclosed eaves, enclosed hallways, walkways, corridors, wall cavities, etc. and all spaces beneath the roof and above ceilings that are or are not readily accessible.**

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	-		Wood ceiling joists		n/a	n/a
Floor	45	45A	Blown-in insulation - pink fiberglass		N	n/a
Walls	-		Concrete - bare & exposed		n/a	n/a
Ceiling	-		Diagonal sheathing roof deck		n/a	n/a
<b>Flue Pipes</b>	<b>15</b>		<b>Transite flue pipes - Known Asbestos Material</b>		<b>Y</b>	<b>N</b>
	<b>NOTE</b>		<b>Known material</b>			
TSI	44		Pipe straight insulation - paper jacketed		N	n/a

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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Building:	Main Building 1-14		Room Name:	Classroom 10	Rm Ft <sup>2</sup> :	920
			Room Dimensions:	L=40 W=23 H=13		
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	41		Baseboard & glue - 3" black	Wood	N	n/a
BB	-		3" Wood		n/a	n/a
Wall	3		Plaster - sanded finish		N	n/a
	NOTE		North wall.			
Wall	18		Plaster - rough finish	Wire Mesh	Y	Y
	NOTE		East, South & west walls above 7'. None on north wall. Previously sampled by HMS 2016 - 2% CH			
Wall	42		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 7'			
Walls	43		Chalkboards	Plaster #42	Y	N
	NOTE		Assumed, test prior to disturbance			
Counter Top	60	60C	Sheet vinyl & brown mastic - dark wood grain	Wood	N	n/a
Backsplash	47	47A	Counter top material & glue - green fabric pattern	Wood	N	n/a
Sink	-		Porcelain		n/a	n/a
Ceiling	18		Plaster - rough finish	Metal Lath	Y	Y
	NOTE		Previously sampled by HMS 2016 - 2% CH			
Window Infill	31		Unfinished drywall - painted		N	n/a
Unit						
Ventilator	44		Pipe straight insulation - paper jacketed		N	n/a

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<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	Classroom 11	<b>Rm Ft<sup>2</sup>:</b>	920
		<b>Room Dimensions:</b>	L=40 W=23 H=13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	41		Baseboard & glue - 3" black	Wood	N	n/a
BB	-		3" Wood		n/a	n/a
Wall	3		Plaster - sanded finish		N	n/a
	NOTE		South wall			
Wall	18		Plaster rough finish - 2% CH	Wire Mesh	Y	Y
	NOTE		East, North & west walls above 7'. None on south wall Previously sampled by HMS 2016 - 2% CH			
Wall	42		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 7'			
Walls	43		Chalkboards	Plaster #42	Y	N
	NOTE		Assumed, test prior to disturbance			
Counter top	47		Counter top material & glue - green fabric pattern	Wood	N	n/a
Sink	-		Porcelain		n/a	n/a
Ceiling	18		Plaster rough finish - 2% CH	Metal Lath	Y	Y
	NOTE		Previously sampled by HMS 2016 - 2% CH			
Window Infill	31		Unfinished drywall - painted		N	n/a
Unit						
Ventilator	44		Pipe straight insulation - paper jacketed		N	n/a

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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Building:	Main Building 1-14		Room Name:	Classroom 12	Rm Ft <sup>2</sup> :	920
			Room Dimensions:	L=40 W=23 H=13		
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	41		Baseboard & glue - 3" black	Wood	N	n/a
BB	-		3" Wood		n/a	n/a
Wall	3		Plaster - sanded finish		N	n/a
	NOTE		North wall			
Wall	18		Plaster rough finish - 2% CH	Wire Mesh	Y	Y
	NOTE		East, North & west walls above 7'. None on south wall Previously sampled by HMS 2016 - 2% CH			
Wall	42		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 7'			
Walls	43		Chalkboards	Plaster #42	Y	N
	NOTE		Assumed, test prior to disturbance			
Counter top	47		Counter top material & glue - green fabric pattern	Wood	N	n/a
Counter top	60		Sheet vinyl & brown mastic - dark wood grain		N	n/a
Sink	-		Porcelain		n/a	n/a
Ceiling	18		Plaster - rough finish	Metal Lath	Y	Y
	NOTE		Previously sampled by HMS 2016 - 2% CH			
Window Infill	31		Unfinished drywall - painted		N	n/a
Unit						
Ventilator	44		Pipe straight insulation - paper jacketed		N	n/a

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Building:		Main Building 1-14		Room Name:	Classroom 13		Rm Ft <sup>2</sup> :	920	
		Room Dimensions:		L=40	W=23	H=13			
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N			
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a			
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a			
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N			
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND						
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a			
Floor	-		Wood diagonal sheathing	joists	n/a	n/a			
BB	41		Baseboard & glue - 3" black	Wood	N	n/a			
BB	-		3" Wood		n/a	n/a			
Wall	3		Plaster - sanded finish		N	n/a			
	NOTE		South wall						
Wall	18		Plaster - rough finish	Wire Mesh	Y	Y			
	NOTE		East, North & west walls above 7'. None on south wall Previously sampled by HMS 2016 - 2% CH						
Wall	42		Plaster - smooth finish		N	n/a			
	NOTES		Most of the lower walls below 7'						
Walls	43		Chalkboards	Plaster #42	Y	N			
	NOTE		Assumed, test prior to disturbance						
Counter top	48		Counter top material & glue - brown/cream mosaic pattern	Wood	Y	Y			
	NOTE		Counter top material=15% CH; glue=ND						
Sink	-		Porcelain		n/a	n/a			
Ceiling	18		Plaster - rough finish	Metal Lath	Y	Y			
	NOTE		Previously sampled by HMS 2016 - 2% CH						
Window Infill	31		Unfinished drywall - painted		N	n/a			
Unit									
Ventilator	44		Pipe straight insulation - paper jacketed		N	n/a			

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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Building:</b>	Main Building 1-14					
				<b>Room Name:</b> Classroom 14	<b>Rm Ft<sup>2</sup>:</b> 920	
				<b>Room Dimensions:</b> L=40 W=23 H=13		
<b>Floor</b>	1	1C	Carpet squares & glue - blue/grey striped	Wood	N	n/a
<b>Floor</b>	-		Wood underlayment	ACM floor tile	n/a	n/a
<b>Floor</b>	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
<b>Floor</b>	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
<b>Floor</b>	-		Wood diagonal sheathing	joists	n/a	n/a
<b>BB</b>	41	41B	Baseboard & glue - 3" black	Wood	N	n/a
<b>BB</b>	-		3" Wood		n/a	n/a
<b>Wall</b>	3		Plaster - sanded finish		N	n/a
	NOTE		North wall			
<b>Wall</b>	18		Plaster - rough finish	Wire Mesh	Y	Y
	NOTE		East, North & west walls above 7'. None on south wall Previously sampled by HMS 2016 - 2% CH			
<b>Wall</b>	42		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 7'			
<b>Walls</b>	43		Chalkboards	Plaster #42	Y	N
	NOTE		Assumed, test prior to disturbance			
<b>Backsplash</b>	47		Counter top material & glue - green fabric pattern	Wood	N	n/a
<b>Counter top</b>	60		Sheet vinyl & brown mastic - dark wood grain		N	n/a
<b>Sink</b>	-		Porcelain		n/a	n/a
<b>Ceiling</b>	18		Plaster - rough finish	Metal Lath	Y	Y
	NOTE		Previously sampled by HMS 2016 - 2% CH			
<b>Window Infill</b>	31		Unfinished drywall - painted		N	n/a
<b>Unit</b>						
<b>Ventilator</b>	44		Pipe straight insulation - paper jacketed		N	n/a

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<b>Building:</b> Main Building 1-14	<b>Room Name:</b> Hallway between CRs 9-14	<b>Rm Ft<sup>2</sup>:</b> 1,216
	<b>Room Dimensions:</b> L=152 W=8 H=11	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	11		Sheet flooring & glue - black/white sand pattern	Wood/concrete	N	n/a
	NOTE		The hallway's substrate is mostly wood. The sections that run north/south are concrete.			
Floor	-		Two layers of wood underlayment. Thicknesses unknown	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 5'			
Wall	8		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 5'			
Ceiling	18		Plaster - rough finish	Metal Lath	Y	Y
	NOTE		Previously sampled by HMS 2016 - 2% CH			
Ceiling	49	49A	Acoustic ceiling tile 12" fissure PH pattern & black glue		N	n/a
Window Infill	31		Unfinished drywall - painted		N	n/a
Door	50		Fire door 90 minute (4)		Y	Y
	NOTE		Located where both hallways meet. Assumed, test prior to disturbance			

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<b>Building:</b> Main Building 1-14 Located Adjacent to 10A	<b>Room Name:</b> Women's Staff RR	<b>Rm Ft<sup>2</sup>:</b> 198
	<b>Room Dimensions:</b> L=22 W=9 H=8	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	21	21B	Ceramic tile & brown grout - 2" grey		N	n/a
BB			None			
Walls	22 NOTE		Ceramic tile & white grout - 4" lt grey Floor to ceiling.		N	n/a
Ceiling	8		Plaster - smooth finish		N	n/a
Door	50 NOTE		Fire door 90 minute Assumed, test prior to disturbance		Y	Y
NOTE			Attic Access			

<b>Building:</b> Main Building 1-14 Located Adjacent to 10A	<b>Room Name:</b> Boys' Student RR	<b>Rm Ft<sup>2</sup>:</b> 160
	<b>Room Dimensions:</b> L=20 W=8 H=8	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	21	21A	Ceramic tile & brown grout - 2" grey		N	n/a
BB			None			
Walls	22 NOTE		Ceramic tile & white grout - 4" lt grey Floor to ceiling.		N	n/a
Ceiling	8		Plaster - smooth finish		N	n/a
Door	50 NOTE		Fire door 90 minute Assumed, test prior to disturbance		Y	Y

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**Building:** Main Building 1-14

**Room Name:** Attic above Staff RRs

Located Adjacent to 10A

Component	HMR #	Sample #	Material Description	Substrate	ACM	Friable
					Y/N	Y/N
Floor			Ceiling joists		n/a	n/a
BB			None		n/a	n/a
Walls	24		Unfinished drywall with tape & joint compound		N	n/a
Walls	-		Concrete - bare & exposed		n/a	n/a
Ceiling	3		Plaster - sanded finish		N	n/a

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Building:		Main Building 1-14 Located adjacent to Kitchen		Room Name:	Hallway - adj to Kitchen		Rm Ft <sup>2</sup> :	320
		Room Dimensions:		L=40	W=8	H=9/13		
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N		
Floor	51	51A	Floor tile & glue 12" dk blue oatmeal	ACM floor tile	N	n/a		
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N		
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND					
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a		
Floor	-		Wood diagonal sheathing	joists				
BB	41		Baseboard & glue - 3" black	Wood	N	n/a		
BB	-		3" Wood	Plaster	n/a	n/a		
Wall	8		Plaster - smooth finish		N	n/a		
	NOTE		Up to 7'					
Wall	3		Plaster - sanded finish		N	n/a		
	NOTE		from 7' to ceiling					
Ceiling	37	37A	Lay-in panels 2'x4' gouge pinhole	F/G batts	N	n/a		
Ceiling	6	06C	Fiberglass batt insulation paper jacketed	Plaster #3	N	n/a		
Ceiling	3		Plaster - sanded finish		N	n/a		
Doors	50		Fire door 90 minute (2)		Y	Y		
	NOTE		Assumed, test prior to disturbance					

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Main Building 1-14		Room Name:	Hallway - West of Library		Rm Ft <sup>2</sup> :	800
Located between MPR & Library				Room Dimensions:	L=100	W=8	H=13	
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N		
Floor	52	52A	Floor tile & glue 12" grey/blue oatmeal	Floor tile #53	N	n/a		
Floor	53	53A	Concealed light brown tile & black mastic	Concrete	Y	N		
	NOTE		Floor tile = 4% CH, Black Mastic = 8% CH					
BB	12	12C	Baseboard & brown glue - 3" blue	Wood	N	n/a		
BB	-		3" Wood	Plaster	n/a	n/a		
Wall	8		Plaster - smooth finish		N	n/a		
	NOTE		Up to 7'					
Wall	3		Plaster - sanded finish		N	n/a		
	NOTE		from 7' to ceiling					
Ceiling	18		Plaster - rough finish	Metal Lath	Y	Y		
	NOTE		Previously sampled by HMS 2016 - 2% CH					
Doors	50		Fire door 90 minute (2)		Y	Y		
	NOTE		Assumed, test prior to disturbance					

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Main Building 1-14		Room Name:	Library	Rm Ft <sup>2</sup> :	960
		Room Dimensions:		L=40	W=24	H=13	
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N	
Floor	25	25B	Carpet & glue - blue w/white	Wood	N	n/a	
	NOTE		Covers approx. 80% of floor				
Floor	26		Sheet flooring & glue - grey mosaic pattern	Wood	N	n/a	
	NOTE		Covers approx. 10% of floor				
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a	
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N	
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND				
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a	
Floor	-		Wood diagonal sheathing	joists			
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a	
BB	-		3" Wood		n/a	n/a	
Wall	3		Plaster - sanded finish	wire mesh	N	n/a	
	NOTES		Most of the walls above 2-3'				
Wall	8		Plaster - smooth finish		N	n/a	
	NOTES		Most of the lower walls below 2-3'				
Counter Top	-		Formica	Wood	n/a	n/a	
Sink	-		Porcelain		n/a	n/a	
Ceiling	18		Plaster - rough finish	Metal Lath	Y	Y	
	NOTE		Previously sampled by HMS 2016 - 2% CH				
Window Infill	31		Unfinished drywall - painted	NOTE some window infills are plaster above doors.	N	n/a	
Unit Ventilator	44	44B	Pipe straight insulation - paper jacketed		N	n/a	

RED=contains asbestos

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14 & Library	<b>Room Name:</b> Attic Above Library
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	-		Wood ceiling joists		n/a	n/a
Floor	45		Blown-in insulation - pink fiberglass		N	n/a
Walls	-		Concrete - bare & exposed		n/a	n/a
Ceiling	-		Diagonal sheathing roof deck		n/a	n/a
Flue Pipes	15		Transite flue pipes - Known Asbestos Material		Y	N
	NOTE		Known material			
TSI	44		Pipe straight insulation - paper jacketed		N	n/a

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Main Building 1-14 Adjacent to Library		Room Name:	Music (16)		Rm Ft <sup>2</sup> :	960
				Room Dimensions:	L=40	W=24	H=13	
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N		
Floor	25		Carpet & glue - blue w/white	Wood	N	n/a		
	NOTE		Covers approx. 80% of floor					
Floor	26		Sheet flooring & glue - grey mosaic pattern	Wood	N	n/a		
	NOTE		Covers approx. 10% of floor					
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a		
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N		
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND					
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a		
Floor	-		Wood diagonal sheathing	joists				
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a		
BB	-		3" Wood		n/a	n/a		
Wall	3		Plaster - sanded finish	wire mesh	N	n/a		
	NOTES		Most of the walls above 2-3'					
Wall	8		Plaster - smooth finish		N	n/a		
	NOTES		Most of the lower walls below 2-3'					
Counter top	48	48C	Counter top material & glue - brown/cream mosaic pattern	Wood	Y	Y		
	NOTE		Counter top material=15% CH; glue=ND					
Sink	-		Porcelain		n/a	n/a		
Ceiling	18		Plaster - rough finish		Y	Y		
	NOTE		HMS Report 5.27.16 - 2% CH					
Window Infill	31		Unfinished drywall - painted	NOTE some window infills are plaster above doors.	N	n/a		
Unit Ventilator	44		Pipe straight insulation - paper jacketed		N	n/a		

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

## LIMITED SURVEY FOR FIRE ALARM PURPOSES ONLY

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> MPR Main Dining Room & Balcony Area
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Ceiling</b>	18		Plaster - rough finish		Y	Y
	NOTE		HMS Report 5.27.16 - 2% CH			
<b>Upper Walls</b>	18		Plaster - rough finish		Y	Y
	NOTE		HMS Report 5.27.16 - 2% CH			

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> MPR Kitchen & Associated Rooms
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Ceilings</b>	8		Plaster - smooth finish		No	n/a
<b>Walls</b>	8		Plaster - smooth finish		No	n/a

Abatement performed June 2023 removed all layers of flooring in the Kitchen and SE Storage Room down to the diagonal sheathing. The northern section of the Kitchen that has a concrete substrate had the flooring removed in it as well during the project. In the MPR building, the men's restroom had the flooring in the hallway and custodial room abated. The MPR Building's main dining room only had a 4'x4' section removed down to diagonal sheathing at the entry to the men's restroom.

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



<b>Building:</b>	Main Building - 1-14	<b>Room Name:</b>	Exterior
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Ground	-		Earth		n/a	n/a
Ground	-		Concrete - bare & exposed		n/a	n/a
Walls	68	68A-I	Concrete with stucco sanded finish		N	n/a
Windows	69	69A-F	Exterior window putty		N	n/a
Walls	70	70A-B	Exterior brick & mortar		N	n/a
Roof	54	54A-C	White coating on foam on silver paint on rolled composition rfg & felts	Diagonal sheathing	Y	N
	NOTE		White foam=ND; Silver paint = 5% CH, Felts=20% CH			
Roof	15		Transite flue pipes (33) - Known asbestos material		Y	N
Roof	55	55A-C	Silver paint coated roof mastics (grey/black) - Silver paint = 5-8% CH; Mastic =ND		Y	Y
	NOTE		On components such as, but not limited to, roof jacks, conduit sleepers, roof vents, HVAC platforms, etc.			

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CR 17	CR 18	CR 19	Mechanical
			Custodial Rm



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Client: Bakersfield City School District

Site: Horace Mann ES

YES Project No.: 22YES-64

Date of Inspection: 11/8/2022

## Inspection Report

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N	
<b>Building:</b>	Buildings B, C, D & E (Rooms 17-27)			<b>Room Name:</b>	Classroom 17	<b>Rm Ft<sup>2</sup>:</b>	960
				<b>Room Dimensions:</b>	L=32	W=30	H=10/13
<b>Floor</b>	61		Carpet & glue - black with white dots	black mastic	N	n/a	
<b>Floor</b>	34	34B	Carpet & glue - blue/green/red/cream multi	black mastic	N	n/a	
<b>Floor</b>	56		Black mastic	concrete	N	n/a	
	NOTE		Previously sampled by HMS 2016. no asbestos detected				
<b>BB</b>	57		Baseboard & glue 4" blue		N	n/a	
<b>Walls</b>	-		Plywood		n/a	n/a	
<b>Walls</b>	58		Tackboard & glue - Assumed, test prior to disturbance	plywood walls	Y	N	
<b>Walls</b>	43		Chalkboards - Assumed, test prior to disturbance		Y	N	
<b>Counters</b>	59		Sheet finyl & brown mastic - green striped		N	n/a	
<b>Counters</b>	60		Sheet vinyl & brown mastic - dark wood grain		N	n/a	
<b>Sink</b>	-		Porcelain		n/a	n/a	
<b>Ceilings</b>	62		Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a	
<b>Ceilings</b>	63	63A	Fiberglass batt insulation paper jacketed	Wood slats	N	n/a	
<b>Ceilings</b>	-		Wood slats	F/G batt	n/a	n/a	
<b>Ceilings</b>	64	64A	Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a	
<b>TSI</b>	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y	
<b>TSI</b>	65		Pipe straight insulation - paper jacketed f/g		N	n/a	
<b>Window</b>	72		Transite Window Panel - Known Asbestos Material		Y	N	
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted				

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Buildings B, C, D & E (Rooms 17-27)	<b>Room Name:</b>	Classroom 18	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=10/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	61	61B	Carpet & glue - black with white dots	black mastic	N	n/a
	NOTE		At entrances only			
Floor	34		Carpet & glue - blue/green/red/cream multi	black mastic	N	n/a
Floor	56		Black mastic	concrete	N	n/a
	NOTE		Previously sampled by HMS 2016. no asbestos detected			
BB	57	57A	Baseboard & glue 4" blue		N	n/a
Walls	-		Plywood		n/a	n/a
Walls	58		Tackboard & glue	plywood walls	Y	N
	NOTE		Assumed, test prior to disturbance			
Walls	43		Chalkboards		Y	N
	NOTE		Assumed, test prior to disturbance			
Counters	59		Sheet finyl & brown mastic - green striped		N	n/a
Counters	60	60A	Sheet vinyl & brown mastic - dark wood grain		N	n/a
	NOTE		on angled counter			
Sink	-		Porcelain		n/a	n/a
Ceilings	62	62A	Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a
Ceilings	63		Fiberglass batt insulation paper jacketed	Wood slats	N	n/a
Ceilings	-		Wood slats	F/G batt	n/a	n/a
Ceilings	75	75A	fiberglass pipe insulation cloth jacketed	Diagonal sheathing	N	n/a
TSI	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y
TSI	65		Pipe straight insulation - paper jacketed f/g		N	n/a
	NOTE		Located above the original ceiling on the north side of the room			
Window	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

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BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Buildings B, C, D & E (Rooms 17-27)	<b>Room Name:</b>	Classroom 19	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=10/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	61		Carpet & glue - black with white dots	black mastic	N	n/a
	NOTE		At entrances only.			
Floor	34		Carpet & glue - blue/green/red/cream multi	black mastic	N	n/a
Floor	56		Black mastic	concrete	N	n/a
	NOTE		Previously sampled by HMS 2016. no asbestos detected			
BB	57		Baseboard & glue 4" blue		N	n/a
Walls	-		Plywood		n/a	n/a
Walls	58		Tackboard & glue	plywood walls	Y	N
	NOTE		Assumed, test prior to disturbance			
Walls	43		Chalkboards		Y	N
	NOTE		Assumed, test prior to disturbance			
Counters	59	59A	Sheet finyl & brown mastic - green striped		N	n/a
Counters	60		Sheet vinyl & brown mastic - dark wood grain		N	n/a
	NOTE		on angled counter			
Sink	-		Porcelain		n/a	n/a
Ceilings	62		Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a
Ceilings	63		Fiberglass batt insulation paper jacketed	Wood slats	N	n/a
Ceilings	-		Wood slats	F/G batt	n/a	n/a
Ceilings	64		Fiberglass batt insulation black paper jacketed	Diagonal sheathing	n/a	n/a
TSI	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y
TSI	75		fiberglass pipe insulation cloth jacketed		N	n/a
	NOTE		Located above the original ceiling on the north side of the room			
Window	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

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BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Buildings B, C, D & E (Rooms 17-27) Adjacent to CR 19	<b>Room Name:</b> Custodial Room	<b>Rm Ft<sup>2</sup>:</b> 304
	<b>Room Dimensions:</b> L=16 W=19 H=12	

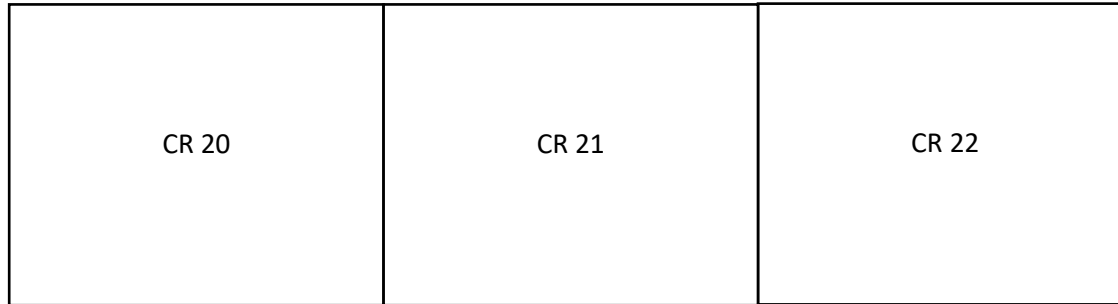
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	-		Concrete - bare & exposed		N	n/a
BB	-		Concrete - bare & exposed		N	n/a
Walls	67	67A	Plaster - sanded finish		N	n/a
Ceiling	67		Plaster - sanded finish		N	n/a
<b>Window</b>	<b>72</b>		<b>Transite Window Panel - Known Asbestos Material</b>		<b>Y</b>	<b>N</b>
	<b>NOTE</b>		<b>This material can be accessed from both the outside &amp; inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.</b>			

<b>Building:</b> Buildings B, C, D & E (Rooms 17-27)	<b>Room Name:</b> Mechanical Room	<b>Rm Ft<sup>2</sup>:</b> 208
	<b>Room Dimensions:</b> L=16 W=13 H=12	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	-		Concrete - bare & exposed		n/a	n/a
BB	-		Concrete - bare & exposed		n/a	n/a
Walls	67		Plaster - sanded finish		N	n/a
Ceiling	67		Plaster - sanded finish		N	n/a
Pipes	65	A	Pipe straight insulation - paper jacketed f/g		N	n/a
Pipes	75		Fiberglass pipe insulation cloth jacketed		N	n/a
	<b>NOTE</b>		<b>Most of the pipe insulation is covered with plastic jacketing</b>			
<b>Door</b>	<b>66</b>	<b>66A</b>	<b>Door insulation - white/chalky - 12% CH</b>		<b>Y</b>	<b>Y</b>
<b>Window</b>	<b>72</b>		<b>Transite Window Panel - Known Asbestos Material - Known asbestos material</b>		<b>Y</b>	<b>N</b>
	<b>NOTE</b>		<b>This material can be accessed from both the outside &amp; inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.</b>			

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



Not Drawn to Scale



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Buildings B, C, D & E (Rooms 17-27)	<b>Room Name:</b>	Classroom 20	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=10/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	61		Carpet & glue - black with white dots	black mastic	N	n/a
	NOTE		At entrances only.			
Floor	34	34C	Carpet & glue - blue/green/red/cream multi	black mastic	N	n/a
Floor	56		Black mastic	concrete	N	n/a
	NOTE		Previously sampled by HMS 2016. no asbestos detected			
BB	57	57B	Baseboard & glue 4" blue		N	n/a
Walls	-		Plywood		n/a	n/a
Walls	58		Tackboard & glue	plywood walls	Y	N
	NOTE		Assumed, test prior to disturbance			
Walls	43		Chalkboards		Y	N
	NOTE		Assumed, test prior to disturbance			
Counters	59	59B	Sheet vinyl & brown mastic - green striped		N	n/a
Counters	60		Sheet vinyl & brown mastic - dark wood grain		N	n/a
	NOTE		on angled counter			
Sink	-		Porcelain		n/a	n/a
Ceilings	62		Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a
Ceilings	63		Fiberglass batt insulation paper jacketed	Wood slats	N	n/a
Ceilings	-		Wood slats	F/G batt	n/a	n/a
Ceilings	64		Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a
TSI	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y
TSI	75	75B	fiberglass pipe insulation cloth jacketed		N	n/a
	NOTE		Located above the original ceiling on the north side of the room			
Window	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

RED=contains asbestos

BLACK=no asbestos detected or non-suspect





# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Buildings B, C, D & E (Rooms 17-27)	<b>Room Name:</b>	Classroom 21	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=10/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	61	61A	Carpet & glue - black with white dots	black mastic	N	n/a
	NOTE		At entrances only.			
Floor	34		Carpet & glue - blue/green/red/cream multi	black mastic	N	n/a
Floor	56		Black mastic	concrete	N	n/a
	NOTE		Previously sampled by HMS 2016. no asbestos detected			
BB	57		Baseboard & glue 4" blue		N	n/a
Walls	-		Plywood		n/a	n/a
Walls	58		Tackboard & glue - Assumed, test prior to disturbance	plywood walls	Y	N
Walls	43		Chalkboards - Assumed, test prior to disturbance		Y	N
Counters	48	48B	Counter top material & glue - brown/cream mosaic pattern 15%	wood	Y	Y
Counters	71	71A	Sheet vinyl & brown mastic - pink wood grain		N	n/a
Counters	60	60B	Sheet vinyl & brown mastic - dark wood grain		N	n/a
Sink	-		Porcelain		n/a	n/a
Ceilings	62	62B	Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a
Ceilings	63		Fiberglass batt insulation paper jacketed	Wood slats	N	n/a
Ceilings	-		Wood slats	F/G batt	n/a	n/a
Ceilings	64		Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a
TSI	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y
TSI	75		Fiberglass pipe insulation cloth jacketed		N	n/a
	NOTE		Located above the original ceiling on the north side of the room			
Window	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



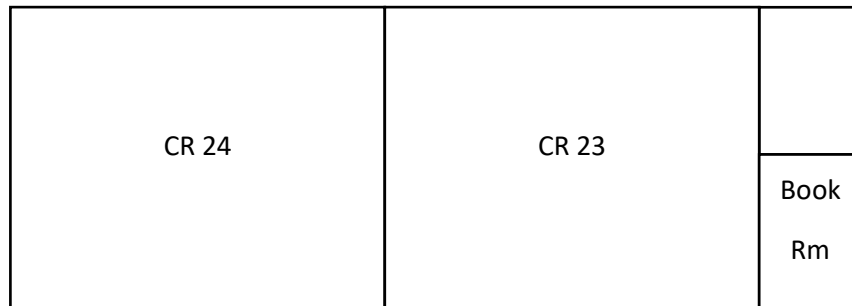
# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Buildings B, C, D & E (Rooms 17-27)		Room Name:	Classroom 22		Rm Ft <sup>2</sup> :	1140
		Room Dimensions:		L=38	W=30	H=10/13		
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N		
Floor	61		Carpet & glue - black with white dots	black mastic	N	n/a		
	NOTE		At entrances only.					
Floor	34		Carpet & glue - blue/green/red/cream multi	black mastic	N	n/a		
Floor	56		Black mastic	concrete	N	n/a		
	NOTE		Previously sampled by HMS 2016. no asbestos detected					
BB	57		Baseboard & glue 4" blue		N	n/a		
Walls	-		Plywood		n/a	n/a		
Walls	58		Tackboard & glue - Assumed, test prior to disturbance	plywood walls	Y	N		
Walls	43		Chalkboards - Assumed, test prior to disturbance		Y	N		
Counters	71		Sheet vinyl & brown mastic - pink wood grain		N	n/a		
Counters	48		Counter top material & glue - brown/cream mosaic pattern	Wood	Y	Y		
	NOTE		on angled counter. 15% Chrysotile					
Sink	-		Porcelain		n/a	n/a		
Ceilings	62		Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a		
Ceilings	63	63B	Fiberglass batt insulation paper jacketed	Wood slats	N	n/a		
Ceilings	-		Wood slats	F/G batt	n/a	n/a		
Ceilings	64	64B	Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a		
TSI	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y		
TSI	75		Fiberglass pipe insulation cloth jacketed		N	n/a		
	NOTE		Located above the original ceiling on the north side of the room					
Window	72		Transite Window Panel - Known Asbestos Material		Y	N		
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.					

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



Not Drawn to Scale



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Buildings B, C, D & E (Rooms 17-27) Located adjacent to CR 23	<b>Room Name:</b> Book Room	<b>Rm Ft<sup>2</sup>:</b> 112
	<b>Room Dimensions:</b> L=14 W=8 H=12	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	-		Concrete - bare & exposed		n/a	n/a
BB	-		Concrete - bare & exposed		n/a	n/a
Walls	73	73A	Plaster - smooth finish		N	n/a
Ceiling	73		Plaster - smooth finish		N	n/a
Sink	-		Porcelain			

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Buildings B, C, D & E (Rooms 17-27)	<b>Room Name:</b>	Classroom 23	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=10/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	61		Carpet & glue - black with white dots	black mastic	N	n/a
	NOTE		At entrances only.			
Floor	34	34D	Carpet & glue - blue/green/red/cream multi	black mastic	N	n/a
Floor	56		Black mastic	concrete	N	n/a
	NOTE		Previously sampled by HMS 2016. no asbestos detected			
BB	57	57C	Baseboard & glue 4" blue		N	n/a
Walls	-		Plywood		n/a	n/a
Walls	58		Tackboard & glue	plywood walls	Y	N
	NOTE		Assumed, test prior to disturbance			
Walls	43		Chalkboards Assumed, test prior to disturbance		Y	N
Counters	71		Sheet vinyl & brown mastic - pink wood grain		N	n/a
Counters	78	78A	Sheet vinyl, black mastic & black felt - cream wood grain		N	n/a
	NOTE		on angled counter			
Sink	-		Porcelain		n/a	n/a
Ceilings	62	62C	Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a
Ceilings	63		Fiberglass batt insulation paper jacketed	Wood slats	N	n/a
Ceilings	-		Wood slats	F/G batt	n/a	n/a
Ceilings	64		Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a
TSI	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y
TSI	75		Fiberglass pipe insulation cloth jacketed		N	n/a
	NOTE		Located above the original ceiling on the north side of the room			
Window	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Building:</b> Buildings B, C, D & E (Rooms 17-27) <b>Room Name:</b> Classroom 24 <b>Rm Ft<sup>2</sup>:</b> 960 <b>Room Dimensions:</b> L=32      W=30      H=10/13						
Floor	61	61C	Carpet & glue - black with white dots At entrances only.	black mastic	N	n/a
	NOTE					
Floor	34		Carpet & glue - blue/green/red/cream multi	black mastic	N	n/a
Floor	56		Black mastic	concrete	N	n/a
	NOTE		Previously sampled by HMS 2016. no asbestos detected			
BB	57		Baseboard & glue 4" blue		N	n/a
Walls	-		Plywood		n/a	n/a
Walls	58		Tackboard & glue	plywood walls	Y	N
	NOTE		Assumed, test prior to disturbance			
Walls	43		Chalkboards -Assumed, test prior to disturbance		Y	N
Counters	71		Sheet vinyl & brown mastic - pink wood grain		N	n/a
Counters	78		Sheet vinyl, black mastic & black felt - cream wood grain		N	n/a
	NOTE		on angled counter			
Sink	-		Porcelain		n/a	n/a
Ceilings	62		Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a
Ceilings	63	63C	Fiberglass batt insulation paper jacketed	Wood slats	N	n/a
Ceilings	-		Wood slats	F/G batt	n/a	n/a
Ceilings	64	64C	Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a
TSI	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y
TSI	75	75C	Fiberglass pipe insulation cloth jacketed		N	n/a
	NOTE		Located above the original ceiling on the north side of the room			
Window	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

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CR 27	CR 26	CR 25	Girls RR
			Boys RR

Not Drawn to Scale



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Buildings B, C, D & E (Rooms 17-27) Located east of CR 25	<b>Room Name:</b> Boys RR	<b>Rm Ft<sup>2</sup>:</b> 224
	<b>Room Dimensions:</b> L=14 W=16 H=13	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	79	79A	Ceramic floor tile grout - brown (1"x2" browns)	Concrete	N	n/a
BB			none			
Walls	80		Ceramic wall tile grout - white (4"x6" cream w/gold)	Plaster	N	n/a
Walls	73		Plaster - smooth finish		N	n/a
Ceiling	73		Plaster - smooth finish		N	n/a

<b>Window</b>	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

<b>Building:</b> Buildings B, C, D & E (Rooms 17-27) Located east of CR 25	<b>Room Name:</b> Girls RR	<b>Rm Ft<sup>2</sup>:</b> 224
	<b>Room Dimensions:</b> L=14 W=16 H=13	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	79		Ceramic floor tile grout - brown (1"x2" browns)	Concrete	N	n/a
BB			none			
Walls	80	80A	Ceramic wall tile grout - white (4"x6" cream w/gold)	Plaster	N	n/a
Walls	73	73B	Plaster - smooth finish		N	n/a
Ceiling	73		Plaster - smooth finish		N	n/a

<b>Window</b>	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Buildings B, C, D & E (Rooms 17-27)		Room Name:	Classroom 25		Rm Ft <sup>2</sup> :	960	
		Room Dimensions:		L=32	W=30	H=10/13			
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N			
Floor	61	61D	Carpet & glue - black with white dots	concrete	N	n/a			
	NOTE		At entrances only.						
Floor	34		Carpet & glue - blue/green/red/cream multi	concrete	N	n/a			
BB	57	57D	Baseboard & glue 4" blue		N	n/a			
Walls	-		Plywood		n/a	n/a			
Walls	58		Tackboard & glue	plywood walls	Y	N			
	NOTE		Assumed, test prior to disturbance						
Walls	43		Chalkboards		Y	N			
	NOTE		Assumed, test prior to disturbance						
Counters	71		Sheet vinyl & brown mastic - pink wood grain		N	n/a			
Counters	78	78B	Sheet vinyl, black mastic & black felt - cream wood grain		N	n/a			
	NOTE		on angled counter						
Sink	-		Porcelain		n/a	n/a			
Ceilings	62		Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a			
Ceilings	63		Fiberglass batt insulation paper jacketed	Wood slats	N	n/a			
Ceilings	-		Wood slats	F/G batt	n/a	n/a			
Ceilings	64		Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a			
TSI	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y			
TSI	75		fiberglass pipe insulation cloth jacketed		N	n/a			
	NOTE		Located above the original ceiling on the north side of the room						
Window	72		Transite Window Panel - Known Asbestos Material		Y	N			
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.						

RED=contains asbestos

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# YES Environmental, Inc.

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Building:		Buildings B, C, D & E (Rooms 17-27)		Room Name:	Classroom 26		Rm Ft <sup>2</sup> :	960	
		Room Dimensions:		L=32	W=30	H=10/13			
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N			
Floor	61		Carpet & glue - black with white dots	concrete	N	n/a			
	NOTE		At entrances only.						
Floor	34	34E	Carpet & glue - blue/green/red/cream multi	concrete	N	n/a			
BB	57		Baseboard & glue 4" blue		N	n/a			
Walls	-		Plywood		n/a	n/a			
Walls	58		Tackboard & glue	plywood walls	Y	N			
	NOTE		Assumed, test prior to disturbance						
Walls	43		Chalkboards		Y	N			
	NOTE		Assumed, test prior to disturbance						
Counters	71		Sheet vinyl & brown mastic - pink wood grain		N	n/a			
Counters	78		Sheet vinyl, black mastic & black felt - cream wood grain		N	n/a			
	NOTE		on angled counter						
Sink	-		Porcelain		n/a	n/a			
Ceilings	62	62D	Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a			
Ceilings	63	63D	Fiberglass batt insulation paper jacketed	Wood slats	N	n/a			
Ceilings	-		Wood slats	F/G batt	n/a	n/a			
Ceilings	64	64D	Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a			
TSI	81	A	Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y			
TSI	75		Fiberglass pipe insulation cloth jacketed		N	n/a			
	NOTE		Located above the original ceiling on the north side of the room						
Window	72		Transite Window Panel - Known Asbestos Material		Y	N			
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.						

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BLACK=no asbestos detected or non-suspect



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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Building:</b> Buildings B, C, D & E (Rooms 17-27) <b>Room Name:</b> Classroom 27 <b>Rm Ft<sup>2</sup>:</b> 960 <b>Room Dimensions:</b> L=32      W=30      H=10/13						
<b>Floor</b>	61		Carpet & glue - black with white dots	concrete	N	n/a
	NOTE		At entrances only.			
<b>Floor</b>	34		Carpet & glue - blue/green/red/cream multi	concrete	N	n/a
<b>BB</b>	57		Baseboard & glue 4" blue		N	n/a
<b>Walls</b>	-		Plywood		n/a	n/a
<b>Walls</b>	58		Tackboard & glue	plywood walls	Y	N
	NOTE		Assumed, test prior to disturbance			
<b>Walls</b>	43		Chalkboards		Y	N
	NOTE		Assumed, test prior to disturbance			
<b>Counters</b>	71	71B	Sheet vinyl & brown mastic - pink wood grain		N	n/a
<b>Counters</b>	78		Sheet vinyl, black mastic & black felt - cream wood grain		N	n/a
	NOTE		on angled counter			
<b>Sink</b>	-		Porcelain		n/a	n/a
<b>Ceilings</b>	62		Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a
<b>Ceilings</b>	63		Fiberglass batt insulation paper jacketed	Wood slats	N	n/a
<b>Ceilings</b>	-		Wood slats	F/G batt	n/a	n/a
<b>Ceilings</b>	64		Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a
<b>TSI</b>	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y
<b>TSI</b>	75		Fiberglass pipe insulation cloth jacketed		N	n/a
	NOTE		Located above the original ceiling on the north side of the room			
<b>Window</b>	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

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<b>Building:</b> Classrooms 17-27	<b>Room Name:</b> Exterior
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Ground					n/a	n/a
Ground					n/a	n/a
<b>Walls</b>						
<b>Windows</b>	74	74A-G	Exterior window putty		Y	Y
	NOTE		2% - 7% CH			
<b>Windows</b>	72		Transite window panel (known to contain asbestos)		Y	N
	NOTE		These are window infills on the upper window. Noted on both interiors & exterior.			
<b>Walls</b>	76	76A-H	Exterior stucco & vapor barrier		N	n/a
<b>Eaves</b>	76	76A-H	Exterior stucco & vapor barrier		N	n/a
<b>Roof</b>	83	83A-D	White coating on foam on silver paint on shingled roofing & felts		Y	N
	NOTE		Silver paint = 2% CH		Y	N
<b>Roof</b>	84	84A-D	White coating on foam on silver paint on shingled roofing & felts		Y	N
	NOTE		Silver paint = 2% CH			
<b>Roof</b>	85	85A-B	White coating on foam on silver paint on rolled comp roofing & felts		Y	N
	NOTE		Silver paint = 2% CH, Felt = 20% CH			
<b>Roof</b>	82	82A-D	Foamed over mastic - black/grey on silver paint		Y	N
	NOTE		Foame=ND: Silver paint = 2% CH, Mastic = 5% CH			
<b>Pipe</b>	91		Transite Pipe 18"		Y	N
	NOTE		Known asbestos material. From the roof where it is exposed, it goes down into the building.			

RED=contains asbestos

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Client: Bakersfield City School District

Site: Horace Mann ES

YES Project No.: 22YES-64

Date of Inspection: 11/8/2022

## Inspection Report

<b>Building:</b>	Rooms 28-29	<b>Room Name:</b>	Classroom 28
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	92	92A	Drywall, orangepeel texture			
Ceiling	93	93A	Lay-in panels 2'x4' large fissure pinhole	f/g batt insulation		
Ceiling	94	94A	Fiberglass batt insulation paper jacketed			

Walls in this building were limited to the materials above the ceiling in accordance with BCSD plans for fire alarm system upgrade.

<b>Building:</b>	Rooms 28-29	<b>Room Name:</b>	Classroom 29
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	92	92B	Drywall, orangepeel texture			
Ceiling	93		Lay-in panels 2'x4' large fissure pinhole	f/g batt insulation		
Ceiling	94		Fiberglass batt insulation paper jacketed			

Walls in this building were limited to the materials above the ceiling in accordance with BCSD plans for fire alarm system upgrade.

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Client:** Bakersfield City School District  
**Site:** Horace Mann ES

**YES Project No.:** 22YES-64  
**Date of Inspection:** 11/8/2022

## Inspection Report

<b>Building:</b> Chiller Yard	<b>Room Name:</b> Chiller Yard
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Ground</b>	-		Concrete - bare & exposed		n/a	n/a
<b>Walls</b>	-		CMU		n/a	n/a
<b>Pipes</b>	86	86A-B	Pipe insulation paper/foil jacketed		N	n/a
	NOTE		all concealed behind metal jacketing			
<b>Valves</b>	87	87A	Mastic - black/grey		N	n/a
<b>Booster</b>	88	88A	Mudded end		N	n/a
<b>Pump Only</b>						
<b>Debris Pile</b>	90	A	Insulation blanket - cloth jacketed		N	n/a

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Building:** Covered Walkway - North **Room Name:** Walkway  
Runs north to south between 23-27

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Roof	85	85B	White coating on foam on silver paint on rolled comp roofing & felts	Wood	Y	N
	NOTE		White foam=ND; Silver paint=2% CH; Felts 20% CH			
Roof	82	A-D	Mastic - black/grey on silver paint		Y	N
	NOTE		White foam=ND; Silver paint 2% CH; Mastic=5% CH			

**Building:** Covered Walkway - South **Room Name:** Walkway  
Runs north to south between 17-22

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Roof	85	85A	White coating on foam on silver paint on rolled comp roofing & felts	Wood	Y	N
	NOTE		White foam=ND; Silver paint=2% CH; Felts 20% CH			
Roof	82	A-D	Mastic - black/grey on silver paint		Y	N
	NOTE		White foam=ND; Silver paint 2% CH; Mastic=5% CH			

RED=contains asbestos

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Client:** Bakersfield City School District  
**Site:** Horace Mann ES

**YES Project No.:** 22YES-64  
**Date of Inspection:** 11/8/2022

## Inspection Report

<b>Building:</b> Admin	<b>Room Name:</b> Representative of ceilings throughout
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	111	111A	Unfinished drywall with tackboard glue		N	n/a
Ceiling	112	112A	Lay-in panels 2'x4' fiberglass w/OP pattern		N	n/a

**Inspection limited to ceilings and walls above the ceilings in these buildings for fire alarm work in accordance with BCSD plans.**

RED=contains asbestos

BLACK=no asbestos detected or non-suspect





# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11/8/2022

## Inspection Report

**Building:** Bungalows R2-R4

**Room Name:** Representative of ceilings throughout

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Ceiling	95	95A	Acoustic ceiling tile - 12" uniform hole (nailed)			

**Inspection limited to ceilings in this building for fire alarm work in accordance with BCSD plans.**

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Client:** Bakersfield City School District  
**Site:** Horace Mann ES

**YES Project No.:** 22YES-64  
**Date of Inspection:** 11/8/2022

## Inspection Report

<b>Building:</b>	Portable Classrooms B1-B2	<b>Room Name:</b>	Representative of ceilings throughout
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	96	96A	Unfinished drywall with tackboard glue			
Ceiling	97	97A	Lay-in panels 2'x4' fiberglass w/OP pattern		N	n/a

**Inspection limited to ceilings and walls above the ceilings in these buildings for fire alarm work in accordance with BCSD plans.**

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Client:** Bakersfield City School District  
**Site:** Horace Mann ES

**YES Project No.:** 22YES-64  
**Date of Inspection:** 11/8/2022

## Inspection Report

<b>Building:</b> Bungalows B3-B4	<b>Room Name:</b> Representative of ceilings throughout
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Ceiling	95		Acoustic ceiling tile - 12" uniform hole (nailed)		N	n/a

**Inspection limited to ceilings in this building for fire alarm work in accordance with BCSD plans.**

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Client:** Bakersfield City School District  
**Site:** Horace Mann ES

**YES Project No.:** 22YES-64  
**Date of Inspection:** 11/8/2022

## Inspection Report

<b>Building:</b>	Portable Classrooms B5-B7	<b>Room Name:</b>	Representative of ceilings throughout
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	98	98A	Unfinished drywall with tackboard glue			
Ceiling	99	99A	Lay-in panels 2'x4' fiberglass w/OP pattern		N	n/a

**Inspection limited to ceilings and walls above the ceilings in these buildings for fire alarm work in accordance with BCSD plans.**

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11/8/2022

## Inspection Report

**Building:** Portable Restroom (R9)

**Room Name:** Representative of ceilings throughout

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	101	101A	Unfinished drywall with FRP glue			
Ceiling	100	100A	Lay-in panels 2'x4' drywall vinyl jacketed		N	n/a

**Inspection limited to ceilings and walls above the ceilings in these buildings for fire alarm work in accordance with BCSD plans.**

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11/8/2022

## Inspection Report

<b>Building:</b>	Portable Classrooms B9-B14	<b>Room Name:</b>	Representative of ceilings throughout
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	107	107A	Unfinished drywall with tackboard glue		N	n/a
Ceiling	108	108A	Lay-in panels 2'x4' fissure pinhole		N	n/a

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**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11/8/2022

## Inspection Report

<b>Building:</b>	Portable Classrooms B15-B20	<b>Room Name:</b>	Representative of ceilings throughout
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	104	104A	Exterior black vapor barrier			
Walls	103	103A	Unfinished drywall with tackboard glue			
Ceiling	102	102A	Lay-in panels 2'x4' fissure pinhole		N	n/a

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**Client:** Bakersfield City School District  
**Site:** Horace Mann ES

**YES Project No.:** 22YES-64  
**Date of Inspection:** 11/8/2022

## Inspection Report

<b>Building:</b>	Portable Classrooms B21-B23	<b>Room Name:</b>	Representative of ceilings throughout
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	105	105A	Unfinished drywall with tackboard glue			
Ceiling	106	106A	Lay-in panels 2'x4' fissure pinhole		N	n/a

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**Client:** Bakersfield City School District  
**Site:** Horace Mann ES

**YES Project No.:** 22YES-64  
**Date of Inspection:** 11/8/2022

## Inspection Report

<b>Building:</b>	Portable Building R25 (Conference Room)	<b>Room Name:</b>	Representative of ceilings throughout
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	109	109A	Unfinished drywall with tackboard glue			
Ceiling	110	110A	Lay-in panels 2'x4' fissure pinhole		N	n/a

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**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11/8/2022

## Inspection Report

<b>Building:</b>	Building F (Restroom Building)	<b>Room Name:</b>	Representative of ceilings throughout
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Ceiling	8		Plaster - smooth		N	n/a

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Attachment B – Lead XRF Inspection, CDPH 8552 & Maps



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

## CLIENT DEFINED SURVEY FOR LEAD BASED PAINT

**Client:** Bakersfield City School District

**Site:** Horace Mann Elementary School

**YES, Inc. Project Number:** 22YES-64

**NITON Serial #:** 105041 **Model #:** XLp 300A

Date	12-07-2022	Start Time	2:30 pm	Beginning Calibration	1.04 =	0.90	1.04 =	1.10	1.04 =	1.10	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	12-07-2022	End Time	6:30 pm	Ending Calibration	1.04 =	1.10	1.04 =	0.90	1.04 =	0.90	

NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>WEST MAIN BUILDING - INTERIOR</b>							
1.	CR 14 – WEST SIDE	PONY WALL	WOOD	GREY	FAIR	0.21	LCP
2.	CR 14 – SOUTH SIDE	DOOR	WOOD	GREY	FAIR	0.00	LCP
3.	CR 14 – SOUTH SIDE	DOOR JAMB	WOOD	GREY	FAIR	0.80	LCP
4.	CR 14 – SOUTH SIDE	DOOR STOP	WOOD	GREY	FAIR	0.60	LCP
5.	CR 14 – NORTH SIDE	CABINET DOOR	WOOD	GREY	FAIR	0.22	LCP
6.	CR 14 – NORTH SIDE	CABINET	WOOD	GREY	FAIR	1.90	LBP
7.	CR 14 – NORTH SIDE EAST END	DOOR	WOOD	LT GREEN	FAIR	0.13	LCP
8.	CR 13 – SOUTH WALL WEST END	WALL	PLASTER	CREAM	FAIR	0.02	LCP
9.	CR 13 – SOUTH SIDE	WINDOW SILL	WOOD	GREY	FAIR	0.00	LCP
10.	CR 13 – SOUTH SIDE EAST END	WINDOW FRAME	WOOD	GREY	FAIR	0.00	LCP
11.	CR 13 – NORTH SIDE	CHALKBOARD FRAME	WOOD	GREY	INTACT	0.40	LCP
12.	CR 13 – WEST SIDE	WALL	WOOD	CREAM	INTACT	0.00	LCP



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>WEST MAIN BUILDING – INTERIOR CONTINUED</b>							
13.	CR 13 – NORTH SIDE	DOOR TRANSOM	DRYWALL	GREY	INTACT	0.00	LCP
14.	CR 12 – WEST SIDE	LOWER WALL	SMOOTH PLASTER	GREY	INTACT	0.00	LCP
15.	CR 12 – SOUTH SIDE	LOWER WALL	SMOOTH PASTER	CREAM	INTACT	0.00	LCP
16.	CR 12 – SOUTH SIDE	UPPER WALL	ROUGH PLASTER	CREAM	INTACT	0.00	LCP
17.	CR 12 – WEST SIDE	PONY WALL	WOOD	GREY	INTACT	0.09	LCP
18.	CR 12 – SOUTH SIDE	CHALKBOARD TRAY	WOOD	GREY	INTACT	0.24	LCP
19.	CR 12 – NORTH SIDE	VERTICAL SQUARE COLUMN	WOOD	GREY	INTACT	0.40	LCP
20.	CR 11 – NORTH SIDE	DOOR	WOOD	GREY	INTACT	0.00	LCP
21.	CR 11 – SOUTH SIDE	VERTICAL CHASE	METAL	CREAM	INTACT	0.00	LCP
22.	CR 11 – NORTH SIDE	BASEBOARD	WOOD	CREAM	FAIR	0.40	LCP
23.	CR 11 – NORTH SIDE	LOWER WALL	SMOOTH PLASTER	CREAM	INTACT	0.18	LCP
24.	CR 11 – SOUTH SIDE	COUNTER TOP	WOOD	VARNISH	FAIR	0.06	LCP
25.	CR 10 – SOUTH SIDE	DOOR JAMB	WOOD	GREY	FAIR	1.40	LBP
26.	CR 10 – SOUTH SIDE	DOOR TRIM	WOOD	GREY	FAIR	0.30	LCP



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>WEST MAIN BUILDING – INTERIOR CONTINUED</b>							
27.	CR 10 – NORTH SIDE	DOOR	WOOD	LT GREEN	FAIR	0.26	LCP
28.	CR 10 – NORTH SIDE	DOOR JAMB	WOOD	GREY	FAIR	0.40	LCP
29.	CR 10 – NORTH SIDE	CABINET	WOOD	GREY	FAIR	0.23	LCP
30.	CR 10 – NORTH SIDE	WALL	SANDED PLASTER	CREAM	INTACT	0.04	LCP
31.	CR 10 – NORTH SIDE	WINDOW SILL	WOOD	GREY	INTACT	0.17	LCP
32.	CR 10 – NORTH SIDE	WINDOW	WOOD	GREY	INTACT	2.40	LBP
33.	CR 9 – SOUTH SIDE	WINDOW SKIRT	WOOD	GREY	INTACT	0.00	LCP
34.	ROOM 10A – WEST SIDE	WALL	SMOOTH PLASTER	CREAM	FAIR	0.50	LCP
35.	WEST HALLWAY AT ROOM 10A	LOWER WALL	SMOOTH PLASTER	CREAM	INTACT	0.21	LCP
36.	WEST HALLWAY AT ROOM 9	MID-WALL CHAIR RAIL	WOOD	CREAM	INTACT	0.28	LCP
37.	WEST HALLWAY NORTH SIDE BETWEEN 12 & 10	FIRE EXTINGUISHER CABINET	METAL	CREAM	INTACT	0.11	LCP
38.	WEST HALLWAY AT CR 11	DOOR FRAME	WOOD	GREY	FAIR	0.17	LCP
39.	WEST HALLWAY – SOUTH SIDE BETWEEN 24 & 12	WALL	SANDED PLASTER	CREAM	FAIR	0.23	LCP



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>WEST MAIN BUILDING – INTERIOR CONTINUED</b>							
40.	WEST HALLWAY – WEST SIDE	DOUBLE DOORS	WOOD	LT GREEN	INTACT	0.21	LCP
41.	WOMEN’S RR – NORTH SIDE	WALL	CERAMIC TILE	LT GREY	INTACT	8.30	LBP
42.	WOMEN’S RR – CENTER	FLOOR	CERAMIC TILE	GREY	FAIR	0.00	LCP
43.	WOMEN’S RR – NE AREA	CABINET	WOOD	GREY	FAIR	0.20	LCP
44.	WOMEN’S RR – CENTER	CEILING	SMOOTH PLASTER	CREAM	INTACT	0.00	LCP
45.	WOMEN’S RR – AT ENTRY	DOOR FRAME	METAL	GREY	FAIR	0.00	LCP
<b>WEST MAIN BUILDING – EXTERIOR</b>							
46.	SOUTH SIDE CENTER	PONY WALL	CONCRETE	GREEN	INTACT	0.00	LCP
47.	SOUTH SIDE WEST END	LOUVER	METAL	CREAM	FAIR	0.00	LCP
48.	SOUTH SIDE WEST END	LOUVER FRAME	WOOD	CREAM	FAIR	0.00	LCP
49.	SOUTH SIDE CENTER	WINDOW TRIM	WOOD	CREAM	FAIR	0.00	LCP
50.	NORTH SIDE NEAR CR 14	WINDOW	WOOD	CREAM	FAIR	4.70	LBP
51.	NORTH SIDE NEAR CR 12	WINDOW SILL	WOOD	CREAM	FAIR	2.90	LBP
52.	NORTH SIDE NEAR CR 10	WINDOW SILL	CONCRETE	CREAM	INTACT	0.06	LCP
53.	NORTH SIDE AT CR 14	DOOR	WOOD	LT GREEN	FAIR	5.40	LBP



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>WEST MAIN BUILDING – EXTERIOR CONTINUED</b>							
54.	NORTH SIDE AT CR 14	DOOR FRAME	WOOD	LT GREEN	FAIR	4.30	LBP
55.	NORTH SIDE NEAR CR 10	WALL	STUCCO	CREAM	INTACT	0.01	LCP
56.	NORTH SIDE NEAR CR 10	WALL	STUCCO	GREEN	INTACT	0.00	LCP
57.	SOUTH SIDE AT CR 9	WALL	STUCCO	ORANGE	INTACT	0.00	LCP
58.	SOUTH SIDE AT CR 9	WALL INFILL	CONCRETE	CREAM	INTACT	0.00	LCP
59.	SOUTH SIDE AT CR 9	DOWN SPOUT	METAL	CREAM	FAIR	0.05	LCP
60.	SOUTH SIDE AT CENTER DOUBLE DOOR WAY	DOOR	METAL	GREY	INTACT	0.00	LCP
61.	SOUTH SIDE AT CENTER DOUBLE DOOR WAY	DOOR FRAME	METAL	GREY	INTACT	0.00	LCP
62.	SOUTH SIDE AT CENTER DOUBLE DOORWAY	DOOR TRANSOM	WOOD	LT GREEN	INTACT	0.02	LCP
63.	SOUTH SIDE CENTER	WINDOW TRIM	STUCCO	BLACK	INTACT	0.30	LCP
<b>EAST MAIN BUILDING - INTERIOR</b>							
64.	EAST HALLWAY – SOUTH SIDE NEAR CR 8	BASEBOARD	WOOD	CREAM	FAIR	2.00	LBP
65.	EAST HALLWAY NEAR CR 7	UPPER WALL	SANDED PLASTER	CREAM	INTACT	1.40	LBP
66.	EAST HALLWAY SOUTH SIDE BETWEEN CR 8 & EAST OFFICE	LOWER WALL	SMOOTH PLASTER	CREAM	INTACT	4.30	LBP





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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>EAST MAIN BUILDING – INTERIOR CONTINUED</b>							
67.	EAST HALLWAY NORTH SIDE BETWEEN CR 4&5	LOWER WALL	SMOOTH PLASTER	CREAM	INTACT	3.60	LBP
68.	EAST HALLWAY SOUTH SIDE BETWEEN 3 & WEST ADJ OFFICE	UPPER WALL	SANDED PLASTER	CREAM	INTACT	5.70	LBP
69.	EAST HALLWAY SOUTH SIDE AT HR OFFICE	BASEBOARD	WOOD	CREAM	FAIR	2.70	LBP
70.	EAST HALLWAY – SOUTH SIDE AT SOUTH DOUBLE DOORS	DOUBLE DOOR	WOOD	LT GREEN	INTACT	0.18	LCP
71.	EAST HALLWAY – SOUTH SIDE AT SOUTH DOUBLE DOORS	DOOR INFILL	WOOD	LT GREEN	INTACT	0.00	LCP
72.	EAST HALLWAY – AT SOUTH DOUBLE DOORS	DOOR FRAME	WOOD	LT GREEN	FAIR	10.70	LBP
73.	EAST HALLWAY – AT SOUTH DOUBLE DOORS	DOOR STOP	WOOD	GREY	INTACT	2.20	LBP
74.	EAST HALLWAY AT HR OFFICE	DOOR TRANSOM	DRYWALL	GREY	INTACT	0.00	LCP
75.	EAST HALLWAY NORTH SIDE BETWEEN CR 4 & 5	WINDOW INFILL	DRYWALL	CREAM	INTACT	0.00	LCP
76.	EAST HALLWAY – FAR EAST DOOR WAY	WINDOW	WOOD	GREY	INTACT	2.60	LBP
77.	CR 8 – EAST SIDE	CABINET DOOR	WOOD	GREY	FAIR	0.14	LCP
78.	CR 8 – SOUTH SIDE	CABINET	WOOD	GREY	FAIR	0.07	LCP
79.	CR 8 – SOUTH SIDE	WINDOW SILL	WOOD	GREY	INTACT	0.00	LCP



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>EAST MAIN BUILDING – INTERIOR CONTINUED</b>							
80.	CR 7 – NORTH SIDE	DOOR FRAME	WOOD	GREY	FAIR	3.70	LBP
81.	CR 7 – NORTH SIDE	DOOR	WOOD	LT GREEN	FAIR	0.00	LCP
82.	CR 7 – NORTH SIDE	WINDOW	WOOD	GREY	INTACT	3.90	LBP
83.	CR 7 – EAST SIDE	CABINET	WOOD	GREY	FAIR	0.03	LCP
84.	CR 7 – EAST SIDE	UPPER WALL	WOOD	CREAM	INTACT	0.07	LCP
85.	CR 7 – EAST SIDE	CABINET TRIM	WOOD	GREY	INTACT	0.20	LCP
86.	ACADEMIC COACH OFFICE – CENTER	CEILING TILE 2'X4'	PRESSED BOARD	WHITE	INTACT	0.00	LCP
87.	ACADEMIC COACH OFFICE – CENTER	CEILING GRID	METAL	WHITE	INTACT	0.00	LCP
88.	ACADEMIC COACH OFFICE – CENTER	CEILING TILE 12"	PRESSED BOARD	WHITE	INTACT	0.00	LCP
89.	ACADEMIC COACH OFFICE – SOUTH SIDE	WALL	SANDED PLASTER	CREAM	INTACT	0.07	LCP
90.	AC NW RESTROOM – SINK	SINK	PORCELAIN	WHITE	INTACT	0.00	LCP
91.	AC NW RESTROOM – WEST SIDE	BASEBOARD	WOOD	CREAM	INTACT	3.00	LBP
92.	AC NW RESTROOM – EAST SIDE	UPPER WALL	SANDED PLASTER	CREAM	INTACT	0.24	LCP
93.	AC NW RESTROOM – WEST SIDE	LOWER WALL	SMOOTH PLASTER	CREAM	INTACT	0.21	LCP



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>EAST MAIN BUILDING – INTERIOR CONTINUED</b>							
94.	SUPPLY RM (ADJ. TO CR 3) – EAST SIDE	SHELF	WOOD	GREY	INTACT	0.10	LCP
95.	SUPPLY RM (ADJ. TO CR 3) – SOUTH SIDE	WINDOW SKIRT	WOOD	GREY	INTACT	0.00	LCP
96.	SUPPLY RM (ADJ. TO CR 3) – SOUTH SIDE	WINDOW SILL	WOOD	GREY	INTACT	0.00	LCP
97.	SUPPLY RM (ADJ. TO CR 3) – WEST SIDE	WALL	WOOD	GREY	INTACT	0.27	LCP
98.	HR SE RR – NORTH SIDE	LOWER WALL	SMOOTH PLASTER	GREY	INTACT	3.90	LBP
99.	HR SE RR – NORTH SIDE	UPPER WALL	SANDED PLASTER	GREY	INTACT	3.00	LBP
100.	HR SE RR – NORTH SIDE	SHELF	WOOD	GREY	INTACT	0.07	LCP
101.	HR SE RR – AT ENTRY	DOOR	WOOD	GREY	INTACT	2.80	LBP
102.	HR NE SUPPLY ROOM – NORTH SIDE	SHELF	WOOD	LT GREEN	FAIR	0.04	LCP
103.	CR 5 – SOUTH SIDE	WINDOW INFILL	DRYWALL	CREAM	INTACT	0.00	LCP
104.	CR 5 – SOUTH SIDE	WINDOW INFILL TRIM	WOOD	CREAM	INTACT	3.30	LBP
105.	CR 5 – SOUTH SIDE	DOOR	WOOD	GREY	FAIR	0.00	LCP
106.	GIRLS RR (ADJ. TO CR 4) – CENTER	CEILING	PLASTER	CREAM	INTACT	0.00	LCP



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>EAST MAIN BUILDING – INTERIOR CONTINUED</b>							
107	GIRLS RR (ADJ. TO CR 4) EAST SIDE	WALL	CERAMIC TILE	LT BLUE	INTACT	7.20	LBP
108	GIRLS RR (ADJ. TO CR 4) CENTER	FLOOR	CERAMIC TILE	GREY	INTACT	0.00	LCP
109	GIRLS RR (ADJ. TO CR 4) AT ENTRY	DOOR FRAME	METAL	GREY	FAIR	0.01	LCP
110	GIRLS RR (ADJ. TO CR 4) EAST SIDE	SINK	PORCELAIN	WHITE	INTACT	0.08	LCP
111	GIRLS RR (ADJ. TO CR 4) AT ENTRY	DOOR	WOOD	GREY	FAIR	0.00	LCP
112	CR 1 – SOUTH SIDE	WALL	SANDED PLASTER	CREAM	INTACT	0.18	LCP
113	CR 1 – WEST SIDE	CHALKBOARD TRAY	WOOD	CREAM	INTACT	0.30	LCP
114	CR 1 – NE DOORWAY	DOOR	WOOD	LT GREEN	FAIR	0.00	LCP
115	CR 1 – NE ENTRY	DOOR FRAME	WOOD	GREY	FAIR	0.15	LCP
116	CR 1 – EAST SIDE	WINDOW SILL	WOOD	GREY	FAIR	0.70	LCP
117	CR 1 – EAST SIDE	WINDOW	WOOD	GREY	FAIR	0.70	LCP
118	CR 1 – EAST SIDE	WINDOW FRAME	WOOD	GREY	FAIR	0.70	LCP
119	CR 1 RR FOYER – SOUTH SIDE	LOWER WALL	SMOOTH PLASTER	CREAM	INTACT	1.60	LBP
120	CR 1 RR FOYER – WEST SIDE	MID WALL CHAIR RAIL	WOOD	CREAM	INTACT	0.90	LCP



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>EAST MAIN BUILDING – INTERIOR CONTINUED</b>							
121	CR 1 RR FOYER – DOORWAY BETWEEN FOYER & CLASSROOM	DOOR FRAME	WOOD	GREY	FAIR	0.80	LCP
122	CR 1 BOYS RR – AT SINK	SINK	PORCELAIN	WHITE	INTACT	0.01	LCP
123	CR 2 – NORTH SIDE	CABINET	WOOD	GREY	FAIR	0.21	LCP
124	CR 2 – NORTH SIDE	CABINET DOOR	WOOD	GREY	FAIR	0.18	LCP
125	CR 2 – CENTER	CEILING TILE 2'X4'	PRESSED BOARD	WHITE	INTACT	0.00	LCP
126	CR 2 – CENTER	CEILING GRID	METAL	WHITE	INTACT	0.00	LCP
127	LIBRARY – EAST SIDE	LOWER WALL	SMOOTH PLASTER	CREAM	INTACT	0.40	LCP
128	LIBRARY – EAST SIDE	WINDOW SILL	WOOD	GREY	POOR	2.80	LBP
129	LIBRARY – EAST SIDE	WINDOW	WOOD	GREY	POOR	2.30	LBP
130	LIBRARY – NW AREA	CABINET	WOOD	LT GREY	INTACT	0.00	LCP
131	LIBRARY – EAST SIDE	CABINET	WOOD	DK BLUE	FAIR	1.30	LBP
<b>EAST MAIN BUILDING – EXTERIOR</b>							
132	CR 5 – NORTH SIDE	LOUVER	METAL	CREAM	FAIR	0.00	LCP
133	CR 5 – NORTH SIDE	LOUVER FRAME	WOOD	CREAM	FAIR	0.00	LCP



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>EAST MAIN BUILDING – EXTERIOR CONTINUED</b>							
134	CR 6 – NORTH SIDE CENTER	UPPER ATTIC VENT	METAL	CREAM	INTACT	0.21	LCP
135	C 7 – CENTER	SHROUD	METAL	CREAM	FAIR	0.00	LCP
136	CR 7 – CENTER	WINDOW SILL	CONCRETE	CREAM	FAIR	0.40	LCP
137	SOUTH SIDE NEAR CR 2	HANDRAIL	METAL	GREEN	FAIR	0.01	LCP
138	CR 1 – AT WEST DOOR	DOOR	WOOD	LT GREEN	INTACT	24.10	LBP
139	CR 1 – WEST SIDE	WALL	STUCCO	CREAM	INTACT	0.14	LCP
140	CR 1 – AT WEST DOOR	DOOR FRAME	WOOD	LT GREEN	INTACT	0.22	LCP
141	CR 4 – NORTH SIDE CENTER	WINDOW	WOOD	CREAM	FAIR	17.80	LBP
142	CR 4 – NORTH SIDE CENTER	WINDOW SILL	WOOD	CREAM	FAIR	0.10	LCP
143	CR 5 – NORTH SIDE CENTER	WALL	STUCCO	ORANGE	INTACT	0.24	LCP
<b>BUILDING D – INTERIOR (17-19)</b>							
144	CR 17 – WEST SIDE	CABINET DOOR	WOOD	GREY	INTACT	0.40	LCP
145	CR 17 – WEST SIDE	CABINET	WOOD	GREY	INTACT	0.20	LCP
146	CR 17 – NORTH SIDE	SINK	PORCELAIN	WHITE	INTACT	8.40	LBP
147	CR 17 – EAST SIDE	UPPER WALL	WOOD	CREAM	INTACT	0.00	LCP



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Date	12-07-2022	Start Time	2:30 pm	Beginning Calibration	1.04 =	0.90	1.04 =	1.10	1.04 =	1.10	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	12-07-2022	End Time	6:30 pm	Ending Calibration	1.04 =	1.10	1.04 =	0.90	1.04 =	0.90	

NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>BUILDING D – INTERIOR (17-19) CONTINUED</b>							
148	CR 18 – AT SOUTH ENTRY	DOOR	WOOD	GREEN	FAIR	0.30	LCP
149	CR 18 – AT SOUTH ENTRY	DOOR JAMB	WOOD	GREEN	FAIR	0.80	LCP
150	CR 18 – AT SOUTH ENTRY	DOOR STOP	WOOD	GREY	FAIR	0.27	LCP
151	CR 18 – NORTH SIDE	WINDOW SILL	WOOD	GREY	FAIR	0.16	LCP
152	CR 18 – NORTH SIDE	WINDOW	WOOD	GREY	FAIR	0.15	LCP
153	CR 18 – NORTH SIDE	VERTICAL SQUARE POST	WOOD	GREY	FAIR	5.00	LBP
154	CR 18 – WEST SIDE	UPPER WALL	WOOD	CREAM	INTACT	0.06	LCP
155	CR 19 – CENTER	CEILING TILE 2'X4'	PRESSED BOARD	WHITE	INTACT	0.00	LCP
156	CR 19 – CENTER	CEILING GRID	METAL	WHITE	INTACT	0.00	LCP
157	CR 19 – NORTH ENTRY	DOOR	WOOD	GREEN	INTACT	0.22	LCP
158	CR 19 – NORTH ENTRY	DOOR JAMB	WOOD	GREEN	INTACT	1.30	LBP
159	CR 19 – NORTH ENTRY	DOOR STOP	WOOD	GREY	FAIR	0.30	LCP
160	CR 19 – SOUTH SIDE	VERTICAL SQUARE COLUMN	METAL	GREY	INTACT	2.10	LBP
161	CUSTODIAL RM – AT ENTRY	DOOR JAMB	WOOD	BROWN	POOR	0.09	LCP



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Date	12-07-2022	Start Time	2:30 pm	Beginning Calibration	1.04 =	0.90	1.04 =	1.10	1.04 =	1.10	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	12-07-2022	End Time	6:30 pm	Ending Calibration	1.04 =	1.10	1.04 =	0.90	1.04 =	0.90	
NO.	SAMPLE LOCATION			COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>			
<b>BUILDING D – INTERIOR (17-19) CONTINUED</b>											
162	CUSTODIAL RM – AT ENTRY			DOOR STOP	WOOD	BROWN	POOR	0.06		LCP	
163	CUSTODIAL RM – EAST SIDE			SINK	PORCELAIN	WHITE	INTACT	0.00		LCP	
164	CUSTODIAL RM – SOUTH SIDE			WALL	SANDED PLASTER	GREEN	POOR	0.16		LCP	
165	CUSTODIAL RM – WEST SIDE			CABINETS	WOOD	GREEN	POOR	0.10		LCP	
<b>BUILDING D – EXTERIOR (17-19)</b>											
166	EAST SIDE			DRINKING FOUNTAIN	PORCELAIN	WHITE	INTACT	9.80		LBP	
167	EAST SIDE			WALL	STUCCO	CREAM	INTACT	0.00		LCP	
168	NE MECHANICAL RM			DOOR FRAME	WOOD	BROWN	POOR	0.04		LCP	
169	NE MECHANICAL RM – DOOR			DOOR	WOOD	BROWN	POOR	0.03		LCP	
170	NORTH SIDE EAST END			LOUVER	METAL	CREAM	INTACT	0.00		LCP	
171	NORTH SIDE AT CR 19			WINDOW SILL	WOOD	CREAM	INTACT	2.20		LBP	
172	NORTH SIDE AT CR 18			WINDOW	METAL	CREAM	INTACT	0.13		LCP	
173	NORTH SIDE AT CR 17			VERTICAL WINDOW SUPPORT	METAL	CREAM	INTACT	1.60		LBP	
INTENTIONALLY LEFT BLANK											





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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>BUILDING D – EXTERIOR (17-19) CONTINUED</b>							
174	EAST SIDE	FIRE EXT. CABINET INFILL	WOOD	CREAM	FAIR	0.00	LCP
175	SOUTH SIDE AT CR 17	LOWER WALL	STUCCO	LT GREEN	INTACT	0.00	LCP
176	SOUTH SIDE CENTER	DRIP EDGE	METAL	GREEN	INTACT	0.00	LCP
177	SOUTH SIDE CENTER	FASCIA	METAL	GREEN	INTACT	0.00	LCP
178	SOUTH SIDE CENTER	SOFFIT	STUCCO	CREAM	INTACT	0.00	LCP
179	SOUTH SIDE AT CR 19	WINDOW INFILL	TRANSITE	CREAM	INTACT	0.03	LCP
<b>BUILDING E – INTERIOR (20-22)</b>							
180	CR 20 – NORTH SIDE	CABINET	WOOD	GREY	INTACT	0.24	LCP
181	CR 20 – NORTH SIDE	CABINET DOOR	WOOD	GREY	INTACT	0.50	LCP
182	CR 20 – NORTH SIDE	WINDOW SILL	WOOD	GREY	INTACT	0.40	LCP
183	CR 20 – NORTH SIDE	WINDOW	METAL	GREY	INTACT	0.08	LCP
184	CR 20 – NORTH SIDE	VERTICAL SQUARE COLUMN	METAL	GREY	INTACT	2.60	LBP
185	CR 20 – NORTH SIDE	SINK	PORCELAIN	WHITE	INTACT	0.01	LCP
186	CR 20 – WEST SIDE	WALL	WOOD	CREAM	INTACT	0.00	LCP
187	CR 21 – SOUTH SIDE	DOOR	WOOD	GREEN	FAIR	0.30	LCP



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>BUILDING E – INTERIOR (20-22) CONTINUED</b>							
188	CR 21 – SOUTH SIDE	DOOR JAMB	WOOD	GREEN	FAIR	0.60	LCP
189	CR 21 – SOUTH SIDE	DOOR STOP	WOOD	GREY	FAIR	0.24	LCP
190	CR 21 – NORTH SIDE	DOOR JAMB	WOOD	GREEN	FAIR	0.60	LCP
191	CR 21 – NORTH SIDE	DOOR	WOOD	GREEN	FAIR	0.00	LCP
192	CR 21 – NORTH SIDE CENTER	WALL	WOOD	CREAM	FAIR	0.21	LCP
193	CR 22 – CENTER	CEILING TILE 2'X4'	PRESSED BOARD	WHITE	INTACT	0.00	LCP
194	CR 22 – CENTER	CEILING GRID	METAL	WHITE	INTACT	0.00	LCP
195	CR 22 – SOUTH SIDE	VERTICAL SQUARE COLUMN	METAL	GREY	INTACT	3.20	LBP
<b>BUILDING E – EXTERIOR (20-22)</b>							
196	SOUTH SIDE EAST END	WALL	STUCCO	LT GREEN	INTACT	0.00	LCP
197	SOUTH SIDE AT CR 22	DOOR	WOOD	GREY	FAIR	0.14	LCP
198	SOUTH SIDE AT CR 22	DOOR FRAME	WOOD	GREY	FAIR	0.30	LCP
199	SOUTH SIDE CENTER	DRIP EDGE	METAL	GREEN	FAIR	0.00	LCP
200	SOUTH SIDE CENTER	FASCIA	METAL	GREEN	FAIR	0.28	LCP
201	SOUTH SIDE CENTER	SOFFIT	STUCCO	CREAM	INTACT	0.00	LCP



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>BUILDING C – INTERIOR (23-24)</b>							
202	CR 23 – WEST SIDE	CABINET	WOOD	LT GREY	INTACT	0.17	LCP
203	CR 23 – WEST SIDE	CABINET DOOR	WOOD	LT GREY	INTACT	0.27	LCP
204	CR 23 – SOUTH SIDE	WALL	WOOD	CREAM	INTACT	0.02	LCP
205	CR 23 – NORTH SIDE	DOOR	WOOD	GREEN	FAIR	0.00	LCP
206	CR 23 – NORTH SIDE	DOOR JAMB	WOOD	GREY	FAIR	0.08	LCP
207	CR 23 – NORTH SIDE	WINDOW SILL	WOOD	GREY	INTACT	0.01	LCP
208	CR 23 – NORTH SIDE	WINDOW	METAL	GREY	INTACT	0.05	LCP
209	CR 23 – NORTH SIDE	VERTICAL SQUARE COLUMN	METAL	GREY	INTACT	4.70	LBP
210	CR 24 – SOUTH SIDE	DOOR	WOOD	GREEN	FAIR	0.16	LCP
211	CR 24 – SOUTH SIDE	DOOR JAMB	WOOD	GREEN	FAIR	0.30	LCP
212	CR 24 – SOUTH SIDE	DOOR STOP	WOOD	GREY	FAIR	0.14	LCP
213	CR 24 – WEST SIDE	WALL	WOOD	CREAM	FAIR	0.00	LCP
214	CR 24 – NORTH SIDE	SINK	PORCELAIN	WHITE	INTACT	6.30	LBP
215	CR 24 – CENTER	CEILING TILE 2'X4'	PRESSED BOARD	WHITE	INTACT	0.00	LCP
INTENTIONALLY LEFT BLANK							



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>BUILDING C – INTERIOR (23-24) CONTINUED</b>							
216	CR 24 – CENTER	CEILING GRID	METAL	WHITE	INTACT	0.00	LCP
<b>BUILDING C – EXTERIOR (23-24)</b>							
217	SOUTH SIDE WEST END	DRIP EDGE	METAL	GREEN	INTACT	0.00	LCP
218	SOUTH SIDE CENTER	FASCIA	METAL	GREEN	INTACT	0.26	LCP
219	SOUTH SIDE WEST END	SOFFIT	STUCCO	CREAM	INTACT	0.00	LCP
220	NORTH SIDE EAST END	WINDOW SILL	WOOD	CREAM	FAIR	1.90	LBP
221	NORTH SIDE CENTER	WINDOW	METAL	CREAM	FAIR	0.20	LCP
222	NORTH SIDE EAST END	VERTICAL SUPPORT	METAL	CREAM	FAIR	3.10	LBP
223	NORTH SIDE	LOWER WALL	STUCCO	LT GREEN	INTACT	0.00	LCP
<b>BUILDING B – INTERIOR (25-27)</b>							
224	NE GIRLS RR – WEST SIDE	WALL	CERAMIC TILE	GOLD	INTACT	10.90	LBP
225	NE GIRLS RR – CENTER	FLOOR	CERAMIC TILE	BROWNS	INTACT	0.01	LCP
226	SE BOYS RR – WEST SIDE	UPPER WALL	SMOOTH PLASTER	CREAM	INTACT	0.11	LCP
227	CR 25 – WEST SIDE	CABINET	WOOD	LT GREY	FAIR	0.29	LCP
228	CR 25 – NE AREA	CABINET	WOOD	LT GREY	FAIR	0.22	LCP



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>BUILDING B – INTERIOR (25-27) CONTINUED</b>							
229	CR 25 – SOUTH SIDE	WALL	WOOD	CREAM	INTACT	0.00	LCP
230	CR 26 – NORTH ENTRY	DOOR	WOOD	GREEN	FAIR	0.00	LCP
231	CR 26 – NORTH ENTRY	DOOR JAMB	WOOD	GREEN	FAIR	0.70	LCP
232	CR 26 – NORTH SIDE CENTER	WINDOW SILL	WOOD	DK GREY	INTACT	1.50	LBP
233	CR 26 – NORTH SIDE CENTER	WINDOW	METAL	DK GREY	INTACT	0.13	LCP
234	CR 26 – NORTH SIDE CENTER	VERTICAL SQUARE COLUMN	METAL	DK GREY	INTACT	2.00	LBP
235	CR 26 – EAST SIDE	WALL	WOOD	CREAM	INTACT	0.00	LCP
236	CR 26 – CENTER	CEILING TILE 2'X4'	PRESSED BOARD	WHITE	INTACT	0.00	LCP
237	CR 26 – CENTER	CEILING GRID	METAL	WHITE	INTACT	0.00	LCP
<b>BUILDING B – EXTERIOR (25-27)</b>							
238	NORTH SIDE WEST END	DRIP EDGE	METAL	GREEN	INTACT	0.00	LCP
239	NORTH SIDE CENTER	FASCIA	METAL	GREEN	INTACT	0.26	LCP
240	NORTH SIDE WEST END	SOFFIT	STUCCO	CREAM	INTACT	0.00	LCP
241	NORTH SIDE EAST END	WINDOW SILL	WOOD	CREAM	FAIR	1.90	LBP
242	SOUTH SIDE CENTER	WINDOW	METAL	CREAM	FAIR	0.20	LCP



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Date	12-07-2022	Start Time	2:30 pm	Beginning Calibration	1.04 =	0.90	1.04 =	1.10	1.04 =	1.10	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	12-07-2022	End Time	6:30 pm	Ending Calibration	1.04 =	1.10	1.04 =	0.90	1.04 =	0.90	
NO.	SAMPLE LOCATION			COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>			
<b>BUILDING B – EXTERIOR (25-27) CONTINUED</b>											
243	SOUTH SIDE EAST END			VERTICAL SUPPORT	METAL	CREAM	FAIR	3.10		LBP	
244	SOUTH SIDE CENTER			LOWER WALL	STUCCO	LT GREEN	INTACT	0.00		LCP	



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Date	12-09-2022	Start Time	12:30 pm	Beginning Calibration	1.04 =	1.10	1.04 =	0.90	1.04 =	1.10	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	12-09-2022	End Time	1:30 PM	Ending Calibration	1.04 =	0.90	1.04 =	0.90	1.04 =	0.80	
NO.	SAMPLE LOCATION		COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>				
<b>COVERED WALKWAY THAT RUNS NORTH TO SOUTH BETWEEN 24 &amp; 20 AND 25 &amp; 19 – EXTERIOR</b>											
245	WALKWAY – CENTER		VERTICAL SQUARE COLUMN	METAL	GREEN	INTACT	4.60		LBP		
246	WALKWAY – CENTER		CEILING	STUCCO	CREAM	INTACT	0.00		LCP		
247	WALKWAY – SOUTH SIDE CENTER		DRIP EDGE	METAL	CREAM	INTACT	0.13		LCP		
<b>MAIN BUILDING’S NE COVERED WALKWAY – EXTERIOR</b>											
248	WALKWAY – CENTER		VERTICAL SQUARE COLUMN	METAL	GREEN	FAIR	3.30		LBP		
249	WALKWAY – NORTH SIDE		DRIP EDGE	METAL	GREEN	POOR	0.21		LCP		
250	WALKWAY – CENTER		CEILING	STUCCO	CREAM	INTACT	0.01		LCP		

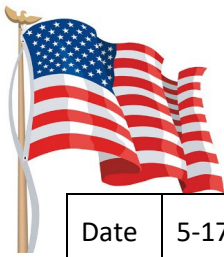


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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>		
Date	5-17-23	Start Time	4:00 pm	Beginning Calibration	1.04 = 0.88	1.04 = 0.99	1.04 = 0.89	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	5-17-23	End Time	5:00 PM	Ending Calibration	1.04 = 1.08	1.04 = 1.09	1.04 = 1.13	
<b>PORTABLE BUILDINGS – EXTERIOR R5-R26 (B1-B23)</b>								
251	R14 (B10) – WEST SIDE	WALL	WOOD	CREAM	INTACT	0.10	LCP	
252	R17 (B13) – WEST SIDE	WALL	WOOD	CREAM	INTACT	0.03	LCP	
253	R20 (B16) – SOUTH SIDE	WALL	WOOD	CREAM	INTACT	0.08	LCP	
254	R23 (B19) – SOUTH SIDE	WALL	WOOD	CREAM	INTACT	0.14	LCP	
255	R28 (B23) – NORTH SIDE	WALL	WOOD	CREAM	INTACT	0.11	LCP	
256	R26 (B21) – EAST SIDE	WALL	WOOD	CREAM	INTACT	0.09	LCP	
257	R9 – PORTABLE RESTROOM – WEST SIDE	WALL	WOOD	CREAM	INTACT	0.15	LCP	
258	R11 (B6) – NORTH SIDE CENTER	WALL	WOOD	CREAM	INTACT	0.01	LCP	
259	R7 (B2) – NORTH SIDE CENTER	WALL	WOOD	CREAM	INTACT	0.15	LCP	
260	R5 (B4) – NORTH SIDE CENTER	WALL	WOOD	CREAM	INTACT	0.16	LCP	
<b>PORTABLE BUILDINGS – EXTERIOR R2-R4</b>								
261	R3 (PTC) – SOUTH SIDE CENTER	WALL	WOOD	CREAM	INTACT	1.27	LBP	
<b>28-29 (PRE-K) – EXTERIOR</b>								
262	EAST SIDE CENTER	WALL	STUCCO	GREEN	INTACT	0.01	LCP	





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Date	5-17-23	Start Time	4:00 pm	Beginning Calibration	1.04 =	0.88	1.04 =	0.99	1.04 =	0.89	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	5-17-23	End Time	5:00 PM	Ending Calibration	1.04 =	1.08	1.04 =	1.09	1.04 =	1.13	
NO.	SAMPLE LOCATION			COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>			
<b>BUILDING F (RESTROOMS) – EXTERIOR</b>											
263	EAST SIDE CENTER			WALL	STUCCO	CREAM	INTACT	0.07		LCP	
<b>R25 (CONFERENCE) – EXTERIOR</b>											
264	NORTH SIDE CENTER			WALL	WOOD	CREAM	INTACT	0.01		LCP	
<b>R1 (ADMIN) – EXTERIOR</b>											
265	NORTH SIDE CENTER			WALL	WOOD	CREAM	INTACT	0.03		LCP	

End of XRF report.

## LEAD HAZARD EVALUATION REPORT

**Section 1 – Date of Lead Hazard Evaluation** 12-07-2022

**Section 2 – Type of Lead Hazard Evaluation (Check one box only)**

Lead Inspection     Risk assessment     Clearance Inspection     Other (specify) \_\_\_\_\_

**Section 3 – Structure Where Lead Hazard Evaluation Was Conducted**

Address [number, street, apartment (if applicable)]		City	County	Zip Code
2710 Niles street		Bakersfield	Kern	93306
Construction date (year) of structure	Type of structure		Children living in structure?	
Unknown	<input type="checkbox"/> Multi-unit building <input checked="" type="checkbox"/> School or daycare <input type="checkbox"/> Single family dwelling <input type="checkbox"/> Other _____		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't Know	

**Section 4 – Owner of Structure (if business/agency, list contact person)**

Name		Telephone number	
Bakersfield City School District		661-631-5883	
Address [number, street, apartment (if applicable)]		City	State
1300 Baker Street		Bakersfield	CA
		Zip Code	
			93305

**Section 5 – Results of Lead Hazard Evaluation (check all that apply)**

No lead-based paint detected     Intact lead-based paint detected     Deteriorated lead-based paint detected  
 No lead hazards detected     Lead-contaminated dust found     Lead-contaminated soil found     Other \_\_\_\_\_

**Section 6 – Individual Conducting Lead Hazard Evaluation**

Name		Telephone number	
Kristy Yowell		661-477-4662	
Address [number, street, apartment (if applicable)]		City	State
13708 Carpaccio Lane		Bakersfield	CA
		Zip Code	
			93306
CDPH certification number	Signature	Date	
4640	<i>Kristy Yowell</i>	2-13-2023	

Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable)

n/a

**Section 7 – Attachments**

- A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;
- B. Each testing method, device, and sampling procedure used;
- C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number.

First copy and attachments retained by inspector  
Second copy and attachments retained by owner

Third copy only (no attachments) mailed or faxed to:  
California Department of Public Health  
Childhood Lead Poisoning Prevention Branch Reports  
850 Marina Bay Parkway, Building P, Third Floor  
Richmond, CA 94804-6403  
Fax: (510) 620-5656

## LEAD HAZARD EVALUATION REPORT

**Section 1 – Date of Lead Hazard Evaluation** 05-17-2023

**Section 2 – Type of Lead Hazard Evaluation (Check one box only)**

Lead Inspection     Risk assessment     Clearance Inspection     Other (specify) \_\_\_\_\_

**Section 3 – Structure Where Lead Hazard Evaluation Was Conducted**

Address [number, street, apartment (if applicable)]		City	County	Zip Code
2710 Niles street		Bakersfield	Kern	93306
Construction date (year) of structure	Type of structure		Children living in structure?	
Unknown	<input type="checkbox"/> Multi-unit building <input checked="" type="checkbox"/> School or daycare <input type="checkbox"/> Single family dwelling <input type="checkbox"/> Other _____		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't Know	

**Section 4 – Owner of Structure (if business/agency, list contact person)**

Name		Telephone number		
Bakersfield City School District		661-631-5883		
Address [number, street, apartment (if applicable)]		City	State	Zip Code
1300 Baker Street		Bakersfield	CA	93305

**Section 5 – Results of Lead Hazard Evaluation (check all that apply)**

No lead-based paint detected     Intact lead-based paint detected     Deteriorated lead-based paint detected  
 No lead hazards detected     Lead-contaminated dust found     Lead-contaminated soil found     Other \_\_\_\_\_

**Section 6 – Individual Conducting Lead Hazard Evaluation**

Name		Telephone number		
Kristy Yowell		661-477-4662		
Address [number, street, apartment (if applicable)]		City	State	Zip Code
13708 Carpaccio Lane		Bakersfield	CA	93306
CDPH certification number	Signature		Date	
4640	<i>Kristy Yowell</i>		6-15-2023	

Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable)

n/a

**Section 7 – Attachments**

- A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;
- B. Each testing method, device, and sampling procedure used;
- C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number.

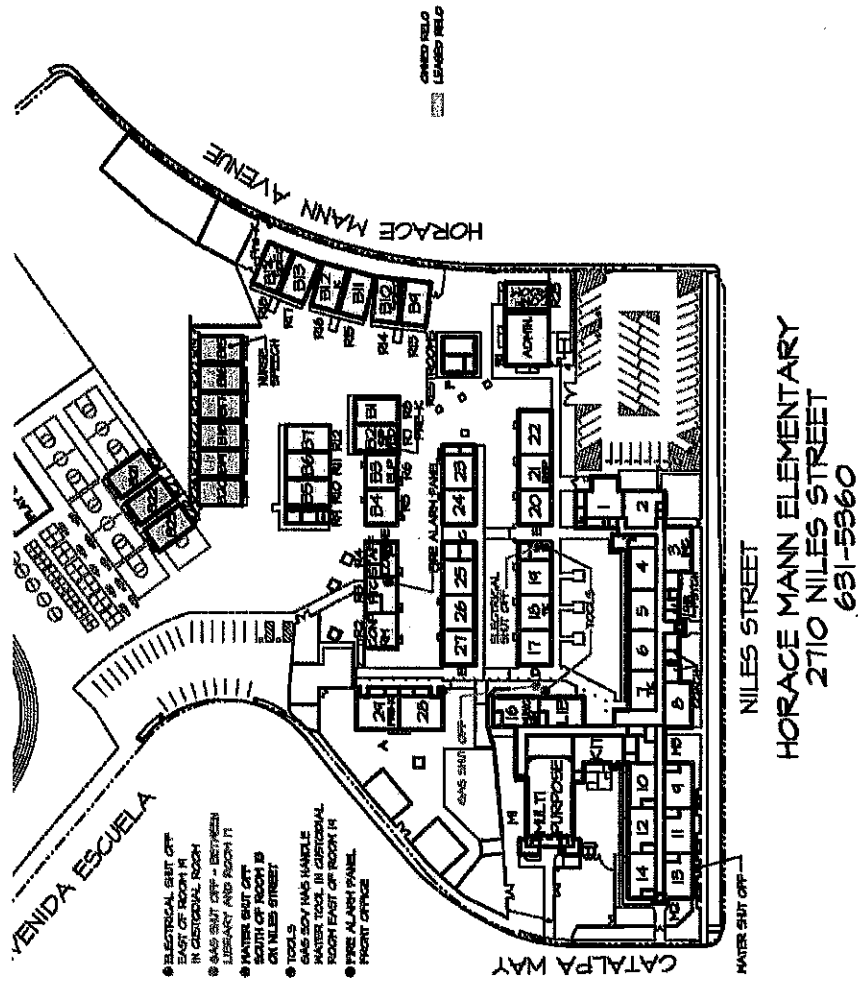
First copy and attachments retained by inspector  
Second copy and attachments retained by owner

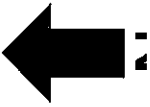
Third copy only (no attachments) mailed or faxed to:  
California Department of Public Health  
Childhood Lead Poisoning Prevention Branch Reports  
850 Marina Bay Parkway, Building P, Third Floor  
Richmond, CA 94804-6403  
Fax: (510) 620-5656



Bakersfield City School District  
Horace Mann ES - 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 - January 2023

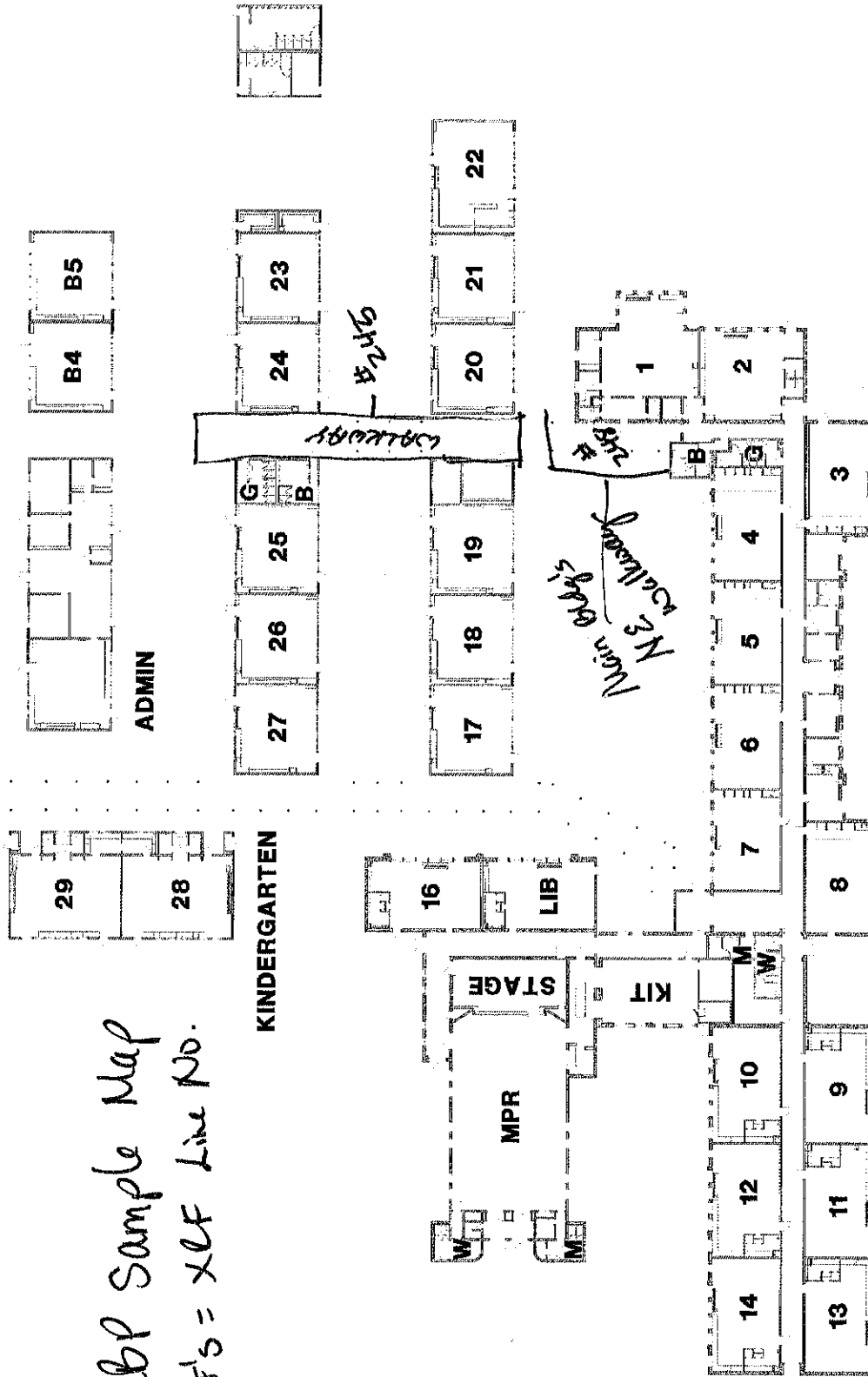
*Sample Maps  
L & P*





Bakersfield City School District  
Horace Mann ES - 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 - January 2023

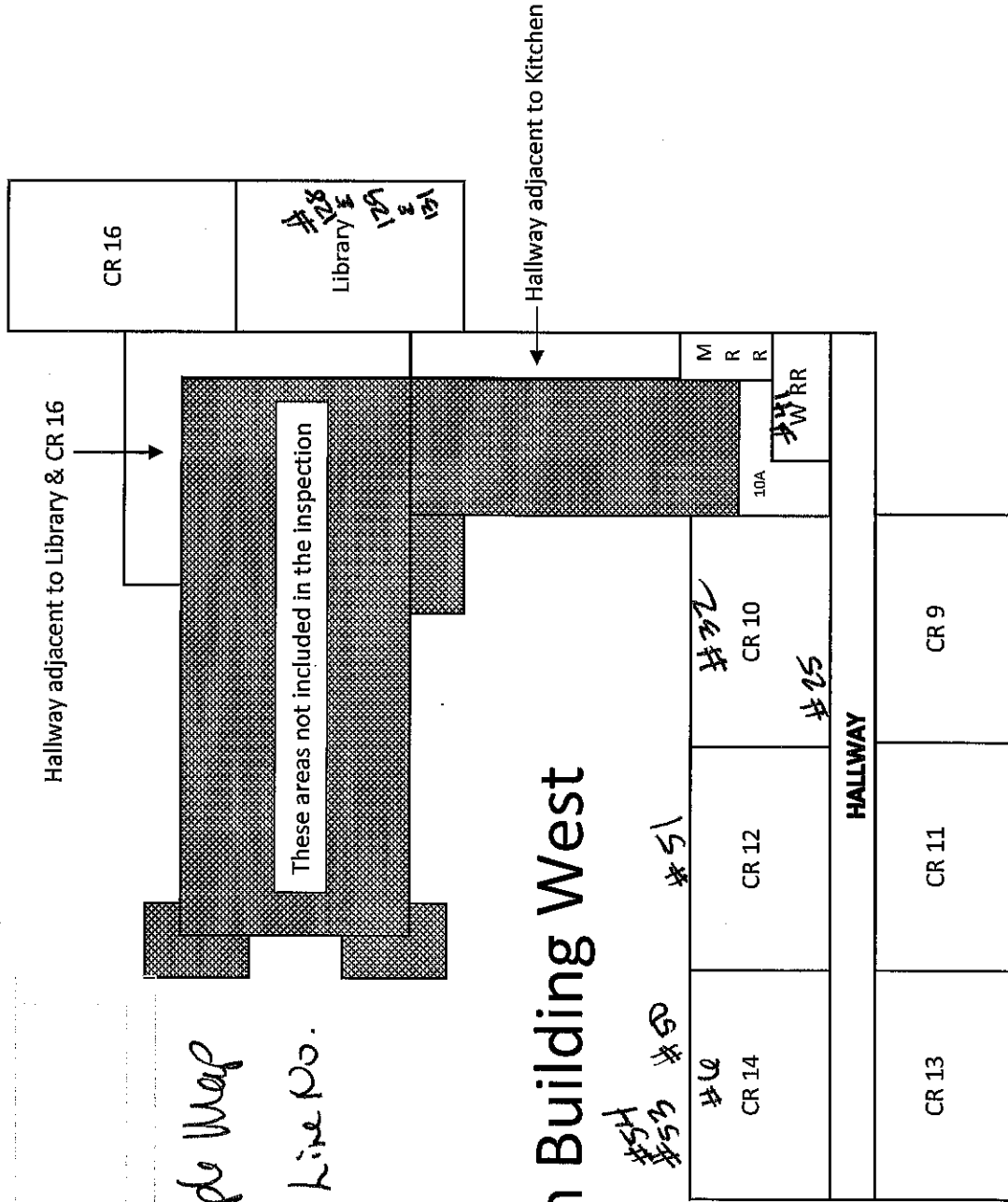
*LBP Sample Map  
#1's = XCF Line No.*



Not Drawn to Scale



Bakersfield City School District  
Horace Mann ES - 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 - January 2023

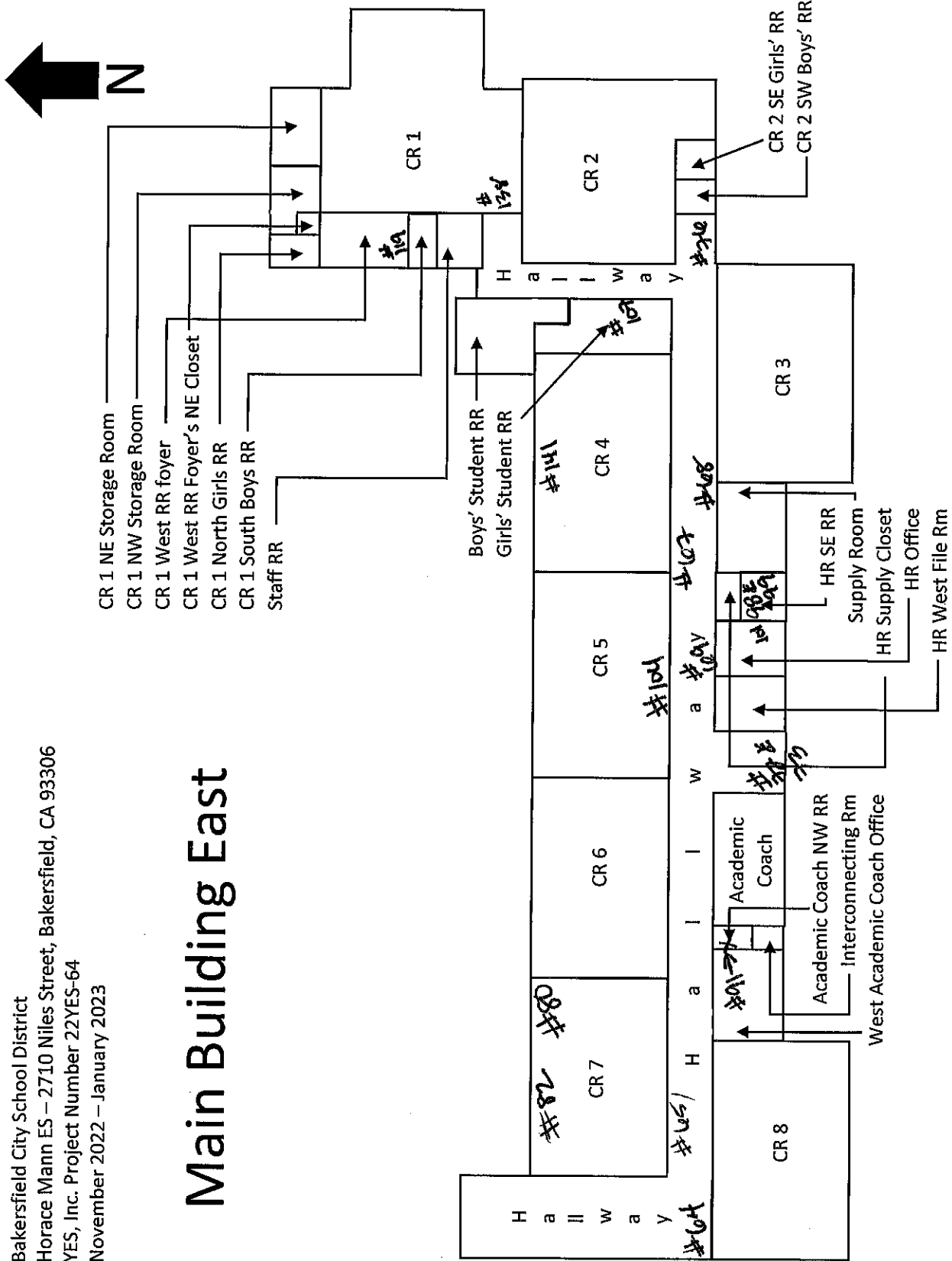


# Main Building West

Not Drawn to Scale

Bakersfield City School District  
Horace Mann ES - 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 - January 2023

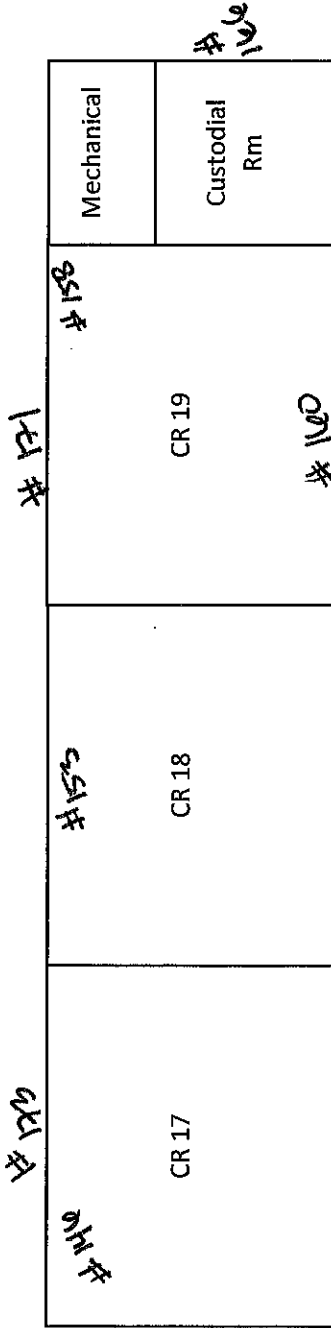
# Main Building East



Not Drawn to Scale



Bakersfield City School District  
Horace Mann ES – 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 – January 2023



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Bakersfield City School District  
Horace Mann ES -- 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 -- January 2023

<p>18181#</p> <p>CR 20</p>	<p>CR 21</p>	<p>CR 22</p> <p>1915</p>
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Not Drawn to Scale



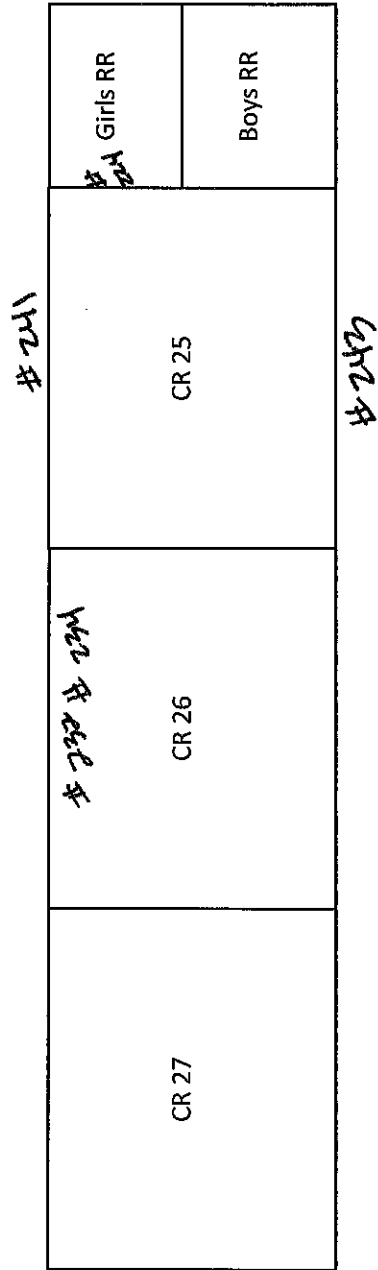
Bakersfield City School District  
Horace Mann ES – 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 – January 2023

HZFA CR 24	# 209 CR # 220	NE
		SR
		Book
		Rm

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Bakersfield City School District  
Horace Mann ES - 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 - January 2023



Not Drawn to Scale



Attachment C – Chain of Custody & Laboratory Results



**YES Environmental, Inc.**

1201 24<sup>TH</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/8/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>KY</i>	Date	7/2/2021
Received By	Annette McKissack (EHO)	Date	11/10/2022 940

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-01A	CARPET SQUARES & GLUE – BLUE/GREY STRIPED
	MB – CR 1 – NORTH SIDE CENTER
22YES-64-01B	CARPET SQUARES & GLUE – BLUE/GREY STRIPED
	MB – CR 8 – NW CORNER
22YES-64-02A	BASEBOARD & GLUE – 4" BLACK
	MB – CR 1 – NORTH SIDE EAST END
22YES-64-02B	BASEBOARD & GLUE – 4" BLACK
	MB – CR 8 – NORTH SIDE EAST END
22YES-64-03A	PLASTER – SANDED FINISH
	MB – CR 1 – SOUTH WALL CENTER ABOVE LAY-IN PANELS
22YES-64-03B	PLASTER – SANDED FINISH
	MB – CR 1 – SOUTH SIDE OF CEILING IN THE CENTER (ABOVE ACTs)
22YES-64-04A	ACOUSTIC CEILING TILE 12" UNIFORM HOLES & BROWN GLUES
	MB – CR 1 – SOUTH SIDE OF CEILING (ABOVE LAY-IN TILE)
22YES-64-04B	ACOUSTIC CEILING TILE 12" UNIFORM HOLES & BROWN GLUES
	MB – HR OFFICE – EAST SIDE OF CEILING (ABOVE LAY-IN TILE)
22YES-64-05A	SHEET VINYL & BROWN GLUE – LT BEIGE MOSAIC PATTERN
	MB – CR 1 – SOUTH COUNTER TOP
22YES-64-06A	FIBERGLASS BATT INSULATION- PAPER JACKETED
	MB – CR 1 – SOUTH SIDE CEILING



**YES Environmental, Inc.**

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1201 24<sup>TH</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/8/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>KY</i>	Date	7/2/2021
Received By	Annette McKissack (BR)	Date	11/10/2022 940

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-06B	FIBERGLASS BATT INSULATION- PAPER JACKETED
	MB – CR 8 – NORTH SIDE CENTER
22YES-64-07A/29A/30A	LAY-IN PANEL 2'X4' GOUGE PH (OLDER #7) & LAY-IN PANEL 2'X4' GOUGE PH (NEWER #29) & LAY-IN PANEL 2'X4' FISSURED PH (OLDER #30)
	MB – CR 3 – VARIOUS LOCATIONS IN CEILING
22YES-64-07B	LAY-IN PANEL 2'X4' GOUGE PH
	MB – CR 1 – SOUTH SIDE CENTER
22YES-64-08A	PLASTER – SMOOTH FINISH
	MB – CR 8 – EAST WALL NORTH END
22YES-64-09A	CONCEALED GREEN FLOOR TILE, BLACK MASTIC & BLACK FELT
	MB – CR 1 – NORTH SIDE CENTER (CORE SAMPLE UNDER CARPET)
22YES-64-10A	CARPET & GLUE – BLACK WITH WHITE DOTS
	MB – CR 1'S RESTROOM FOYER – EAST SIDE CENTER
22YES-64-11A	SHEET FLOORING & GLUE – BLACK/WHITE SAND PATTERN
	MB – CR 1'S RESTROOM FOYER – EAST SIDE CENTER - UNDER CARPET
22YES-64-11B	SHEET FLOORING & GLUE – BLACK/WHITE SAND PATTERN
	MB – HALLWAY 1-8 – AT SOUTH ALCOVE BETWEEN ACADEMIC COACH OFFICE & HR OFFICE
22YES-64-12A	BASEBOARD & BROWN GLUES – 3" BLUE
	MB – CR 1'S RR FOYER'S NE CLOSET – AT ENTRY
22YES-64-12B	BASEBOARD & BROWN GLUES – 3" BLUE
	MB – CR 3 – SOUTH WALL EAST END



# YES Environmental, Inc.

# #32222507

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 1201 24<sup>TH</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/8/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>KY</i>	Date	7/2/2021
Received By	Annette McKissack (EHC)	Date	11/10/2022 ayo

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-14A	BRICK & MORTAR
	MB – ATTIC ABOVE CR1 RR FOYER – WEST EXTERIOR WALL
22YES-64-16A	UNFINISHED DRYWALL (NO T&J)
	MB – ATTIC ABOVE CR1 RR FOYER – WEST EXTERIOR WALL
22YES-64-17A	SHEET FLOORING & BROWN GLUE – LT BLUE MOSAIC PATTERN
	MB – STAFF RR – NW CORNER
22YES-64-20A	SHEET FLOORING & BROWN GLUE – PINK/BLUE/CREAM SAND PATTERN
	MB – CR 2'S SE GIRLS RR – SE CORNER
22YES-64-21A	CERAMIC FLOOR TILE GROUT – BROWN (2" GREY)
	MB – BOYS STUDENT RR – AT EXISTING DAMAGE (NEAR CR 2)
22YES-64-22A	CERAMIC FLOOR TILE GROUT – WHITE (4" LT GREY)
	MB – GIRLS STUDENT RR – AT ENTRY (NEAR CR 2)
22YES-64-24A	UNFINISHED DRYWALL WITH TAPE & JOINT COMPOUND
	MB – ATTIC ABOVE BOYS & GIRLS RR – EAST SIDE SOUTH END
22YES-64-25A	CARPET & GLUE – BLUE WITH WHITE
	MB – CR 3 – NE CORNER
22YES-64-26A	SHEET FLOORING & GLUE – GREY MOSAIC PATTERN
	MB – CR 3 – WEST SIDE CENTER
22YES-64-26B	SHEET FLOORING & GLUE – GREY MOSAIC PATTERN
	MB – ACADEMIC COACH RESTROOM – AT ENTRY



Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/8/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell	Date	7/2/2021
Received By	Anneke Makissak (RM)	Date	11/10/2022 940

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-27A	SHEET FLOORING & GLUE – PURPLE WITH BLACK/WHITE FLECKS
	MB – CR 3 – WEST WALL SOUTH END
22YES-64-28A	SHEET VINYL & BROWN GLUES – BLUE FABRIC PATTERN
	MB – CR 3 – WEST COUNTER TOP
22YES-64-28B	SHEET VINYL & BROWN GLUES – BLUE FABRIC PATTERN
	MB – CR 8 – AT SINK
22YES-64-31A	UNFINISHED DRYWALL – PAINTED
	MB – CR 3 – NORTH SIDE WINDOW INFILL
22YES-64-31B	UNFINISHED DRYWALL – PAINTED
	MB – CR 6 – SOUTH SIDE WINDOW INFILL
22YES-64-32A	SHEET FLOORING & GLUE – DARK BLUE/GREY MOSAIC PATTERN
	MB – HR SE RESTROOM – AT ENTRY
22YES-64-33A	SHEET FLOORING & GLUE – SOLID CREAM
	MB – ROOM BETWEEN ACADEMIC COACH & WEST ADJ. OFFICE
22YES-64-34A	CARPET & GLUE – BLUE/GREEN/RED/CREAM MULTI
	MB – OFFICE EAST OF CR 8 – EAST WALL CENTER
22YES-64-41A	BASEBOARD & GLUE – 3" BLACK
	MB – CR 9 – SW CORNER
22YES-64-42A	PLASTER – SMOOTH FINISH
	MB – 10A – SOUTH WALL AT EXISTING DAMAGE





# YES Environmental, Inc.

# #32222507

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1201 24<sup>TH</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/8/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell	Date	7/2/2021
Received By	<i>Olga MCKISSAOK (W)</i>	Date	11/10/2022 940

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-44A	PIPE STRAIGHT INSULATION – PAPER JACKETED FIBERGLASS
	MB – CR 9 – UNIT VENTILATOR
22YES-64-45A	BLOWN-IN INSULATION – PINK FIBERGLASS
	MB – ATTIC ABOVE CRS 9-14 – AT CR 9 ACCESS



# LA Testing

520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982

<http://www.LATesting.com> / [pasadenalab@latesting.com](mailto:pasadenalab@latesting.com)

LA Testing Order: 322222507 Page 134 of 198

Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

**Attention:** Kristy Yowell  
YES Environmental, Inc.  
13708 Carpaccio Lane  
Bakersfield, CA 93306

**Phone:** (661) 477-4662

**Fax:**

**Received Date:** 11/10/2022 9:40 AM

**Analysis Date:** 11/11/2022 - 11/14/2022

**Collected Date:** 11/08/2022

**Project:** 22YES-64/ Bakersfield City School District Horace Mann ES - MOD Insp

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
224-YES-64-01A-Carpet 322222507-0001	MB - CR 1 - north side center - Carpet squares & glue - blue/ grey striped	Gray/Blue Fibrous Homogeneous	98% Synthetic	2% Non-fibrous (Other)	None Detected
224-YES-64-01A-Pad 322222507-0001A	MB - CR 1 - north side center - Carpet squares & glue - blue/ grey striped	Gray Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
224-YES-64-01A-Glue 322222507-0001B	MB - CR 1 - north side center - Carpet squares & glue - blue/ grey striped	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-01B-Carpet 322222507-0002	MB - CR 8 - NW croer - Carpet squares & glue - blue/ grey striped	Blue Fibrous Homogeneous	98% Synthetic	2% Non-fibrous (Other)	None Detected
224-YES-64-01B-Pad 322222507-0002A	MB - CR 8 - NW croer - Carpet squares & glue - blue/ grey striped	Gray Non-Fibrous Homogeneous	8% Glass	92% Non-fibrous (Other)	None Detected
224-YES-64-01B-Glue 322222507-0002B	MB - CR 8 - NW croer - Carpet squares & glue - blue/ grey striped	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-02A-Baseboard 322222507-0003	MB - CR 1 - north side east end - Baseboard & glue - 4" black	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-02A-Glue 322222507-0003A	MB - CR 1 - north side east end - Baseboard & glue - 4" black	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-02B-Baseboard 322222507-0004	MB - CR 8 - north side east end - Baseboard & glue - 4" black	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-02B-Glue 322222507-0004A	MB - CR 8 - north side east end - Baseboard & glue - 4" black	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-03A 322222507-0005	MB - CR 1 - south wall center above lay - in panels - Plaster - sanded finish	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-03B 322222507-0006	MB - CR 1 - south side of ceiling in the center (above ACTs) - Plaster - sanded finish	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 11/14/2022 10:06:00



# LA Testing

520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982

<http://www.LATesting.com> / [pasadenalab@lateesting.com](mailto:pasadenalab@lateesting.com)

<b>LA Testing Order:</b> 322222507 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> 22YES-64 <b>Project ID:</b>
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
224-YES-64-04A-Ceiling Tile 322222507-0007	MB - CR 1 - south side of ceiling (above lay - in tile) - Acoustic ceiling tile 12" uniform holes & brown glues	Brown/White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
224-YES-64-04A-Glue 322222507-0007A	MB - CR 1 - south side of ceiling (above lay - in tile) - Acoustic ceiling tile 12" uniform holes & brown glues	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-04B-Ceiling Tile 322222507-0008	MB - HR office - east side of ceiling (above lay-in tile) - Acoustic ceiling tile 12" uniform holes & brown glues	Brown/White Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
224-YES-64-04B-Glue 322222507-0008A	MB - HR office - east side of ceiling (above lay-in tile) - Acoustic ceiling tile 12" uniform holes & brown glues	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-05A-Sheet Vinyl 322222507-0009	MB - CR 1 - south counter top - Sheet vinyl & brown glue - LT beige mosaic pattern	Brown/Beige Non-Fibrous Homogeneous	35% Cellulose	65% Non-fibrous (Other)	None Detected
224-YES-64-05A-Glue 322222507-0009A	MB - CR 1 - south counter top - Sheet vinyl & brown glue - LT beige mosaic pattern	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-06A-Paper Jacket 322222507-0010	MB - CR 1 - south side ceiling - Fiberglass batt insulation - paper jacketed	Brown/Black Non-Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
224-YES-64-06A-Insulation 322222507-0010A	MB - CR 1 - south side ceiling - Fiberglass batt insulation - paper jacketed	Pink Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
224-YES-64-06B-Paper Jacket 322222507-0011	MB - CR 8 - north side center - Fiberglass batt insulation - paper jacketed	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
224-YES-64-06B-Insulation 322222507-0011A	MB - CR 8 - north side center - Fiberglass batt insulation - paper jacketed	Pink/Peach Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
224-YES-64-07A 322222507-0012	MB - CR 3 - various locations in ceiling - Lay-in panel 2'x4' gouge PH (older #7) & lay-in panel 2'x4' gouge PH (newer #29) & lay-in panel 2'x4' fissured PH (older #30)	Gray/White Fibrous Homogeneous	40% Cellulose 20% Min. Wool	20% Perlite 20% Non-fibrous (Other)	None Detected

Initial report from: 11/14/2022 10:06:00



# LA Testing

520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982

<http://www.LATesting.com> / [pasadenalab@latesting.com](mailto:pasadenalab@latesting.com)

<b>LA Testing Order:</b> 322222507 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> 22YES-64 <b>Project ID:</b>
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
224-YES-64-29A 322222507-0012A	MB - CR 3 - various locations in ceiling - Lay-in panel 2'x4' gouge PH (older #7) & lay-in panel 2'x4' gouge PH (newer #29) & lay-in panel 2'x4' fissured PH (older #30)	Gray/White Fibrous Heterogeneous	40% Cellulose 20% Min. Wool	20% Perlite 20% Non-fibrous (Other)	None Detected
224-YES-64-30A 322222507-0012B	MB - CR 3 - various locations in ceiling - Lay-in panel 2'x4' gouge PH (older #7) & lay-in panel 2'x4' gouge PH (newer #29) & lay-in panel 2'x4' fissured PH (older #30)	Gray/White Fibrous Homogeneous	40% Cellulose 20% Min. Wool	20% Perlite 20% Non-fibrous (Other)	None Detected
224-YES-64-07B 322222507-0013	MB - CR 1 - south side center - Lay-in panel 2'x4' gouge PH	White/Beige Fibrous Heterogeneous	40% Cellulose 20% Min. Wool	20% Perlite 20% Non-fibrous (Other)	None Detected
224-YES-64-08A-Finish Coat 322222507-0014	MB - CR 8 - east wall north end - Plaster - smooth finish	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-08A-Base Coat 322222507-0014A	MB - CR 8 - east wall north end - Plaster - smooth finish	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-09A-Floor Tile 322222507-0015	MB - CR 1 - north side center (core sample under carpet) - Concealed green floor tile, black mastic & blackfelt	Green Non-Fibrous Homogeneous		94% Non-fibrous (Other)	6% Chrysotile
224-YES-64-09A-Mastic 322222507-0015A	MB - CR 1 - north side center (core sample under carpet) - Concealed green floor tile, black mastic & blackfelt	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-09A-Felt 322222507-0015B	MB - CR 1 - north side center (core sample under carpet) - Concealed green floor tile, black mastic & blackfelt	Black Fibrous Homogeneous	55% Cellulose	45% Non-fibrous (Other)	None Detected
224-YES-64-10A-Carpet 322222507-0016	MB - CR 1's restroom foyer - east side center - Carpet & glue - black with white dots	Various/Black Fibrous Homogeneous	98% Synthetic	2% Non-fibrous (Other)	None Detected
224-YES-64-10A-Pad 322222507-0016A	MB - CR 1's restroom foyer - east side center - Carpet & glue - black with white dots	Beige Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
224-YES-64-10A-Glue 322222507-0016B	MB - CR 1's restroom foyer - east side center - Carpet & glue - black with white dots	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 11/14/2022 10:06:00



# LA Testing

520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982

<http://www.LATesting.com> / [pasadenalab@lateesting.com](mailto:pasadenalab@lateesting.com)

<b>LA Testing Order:</b> 322222507	Page 137 of 198
<b>Customer ID:</b> YWEL75	
<b>Customer PO:</b> 22YES-64	
<b>Project ID:</b>	

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
224-YES-64-11A-Sheet Flooring 322222507-0017	MB - CR 1's restroom foyer - east side center - under carpet - Sheet flooring & glue - black/ white sand pattern	Gray/White Fibrous Heterogeneous	20% Cellulose 2% Synthetic 5% Glass	73% Non-fibrous (Other)	None Detected
224-YES-64-11A-Glue 322222507-0017A	MB - CR 1's restroom foyer - east side center - under carpet - Sheet flooring & glue - black/ white sand pattern	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-11B-Sheet Flooring 322222507-0018	MB - hallway 1-8 - at south alcove between academic coach office & HR office - Sheet flooring & glue - black/ white sand pattern	Gray/White/Black Fibrous Heterogeneous	20% Cellulose 5% Glass	75% Non-fibrous (Other)	None Detected
224-YES-64-11B-Glue 322222507-0018A	MB - hallway 1-8 - at south alcove between academic coach office & HR office - Sheet flooring & glue - black/ white sand pattern	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-12A-Cove Base 322222507-0019	MB - CR 1's RR foyer's NE closet - at entry - Baseboard & brown glues - 3" blue	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-12A-Glue 322222507-0019A	MB - CR 1's RR foyer's NE closet - at entry - Baseboard & brown glues - 3" blue	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-12B-Baseboard 322222507-0020	MB - CR 3 - south wall east end - Baseboard & brown glues - 3" blue	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-12B-Glue 322222507-0020A	MB - CR 3 - south wall east end - Baseboard & brown glues - 3" blue	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-14A-Brick 322222507-0021	MB - attic above CR1 RR foyer - west exterior wall - Brick & mortar	Pink/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-14A-Mortar 322222507-0021A	MB - attic above CR1 RR foyer - west exterior wall - Brick & mortar	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-16A 322222507-0022	MB - attic above CR1 RR foyer - west exterior wall - Unfinished drywall (no T&J)	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
224-YES-64-17A-Sheet Flooring 322222507-0023	MB - staff RR - NW corner - Sheet flooring & brown glue - LT blue mosaic pattern	Blue Fibrous Heterogeneous	20% Cellulose 3% Glass	77% Non-fibrous (Other)	None Detected

Initial report from: 11/14/2022 10:06:00



# LA Testing

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<b>LA Testing Order:</b> 322222507 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> 22YES-64 <b>Project ID:</b>
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
224-YES-64-17A-Glue  322222507-0023A	MB - staff RR - NW corner - Sheet flooring & brown glue - LT blue mosaic pattern	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-20A-Sheet Flooring  322222507-0024	MB - CR 2's S girls rr - SE corner - Sheet flooring & brown glue - pink/blue/cream sand pattern	Blue Fibrous Heterogeneous	10% Synthetic	90% Non-fibrous (Other)	None Detected
224-YES-64-20A-Glue  322222507-0024A	MB - CR 2's S girls rr - SE corner - Sheet flooring & brown glue - pink/blue/cream sand pattern	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-20A  322222507-0024B	MB - CR 2's S girls rr - SE corner - Sheet flooring & brown glue - pink/blue/cream sand pattern	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-21A  322222507-0025	MB - boys student rr - at existing damage (near CR 2) - Ceramic floor tile grout - brown (2" grey)	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-22A  322222507-0026	MB - girls student rr - at entry (near CR 2) - Ceramic floor tile grout - white (4" Lt GREY)	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-24A-Drywa II  322222507-0027	MB - attic above boys & girls rr - east side south end - Unfinished drywall with tape & joint compound	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
224-YES-64-24A-Joint Compound  322222507-0027A	MB - attic above boys & girls rr - east side south end - Unfinished drywall with tape & joint compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-24A-Mesh  322222507-0027B	MB - attic above boys & girls rr - east side south end - Unfinished drywall with tape & joint compound	Yellow Fibrous Homogeneous	90% Glass	10% Non-fibrous (Other)	None Detected
224-YES-64-25A-Carpet  322222507-0028	MB - CR 3 - NE corner - Carpet & glue - blue with white	Blue Fibrous Homogeneous	98% Synthetic	2% Non-fibrous (Other)	None Detected
224-YES-64-25A-Glue  322222507-0028A	MB - CR 3 - NE corner - Carpet & glue - blue with white	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-26A-Sheet Flooring  322222507-0029	MB - CR 3 - west side center - Sheet flooring & glue - grey mosaic pattern	Gray Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected



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<b>LA Testing Order:</b> 322222507 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> 22YES-64 <b>Project ID:</b>
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
224-YES-64-26A-Glue  322222507-0029A	MB - CR 3 - west side center - Sheet flooring & glue - grey mosaic pattern	Yellow/Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-26B-Sheet Flooring  322222507-0030 <i>No Glue present for analysis</i>	MB - academic coach restroom - at entry - Sheet flooring & glue - grey mosaic pattern	Gray Fibrous Heterogeneous	20% Cellulose 5% Synthetic	75% Non-fibrous (Other)	None Detected
224-YES-64-27A-Sheet Flooring  322222507-0031	MB - CR 3 - west wall south end - Sheet flooring & glue - purple with black/white flecks	White/Black/Purple Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
224-YES-64-27A-Glue  322222507-0031A	MB - CR 3 - west wall south end - Sheet flooring & glue - purple with black/white flecks	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-28A-Sheet Vinyl  322222507-0032	MB - CR 3 - west counter top - Sheet vinyl & brown glues - blue fabric pattern	Blue Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
224-YES-64-28A-Glue  322222507-0032A	MB - CR 3 - west counter top - Sheet vinyl & brown glues - blue fabric pattern	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-28B-Sheet Vinyl  322222507-0033 <i>No glue present for analysis</i>	MB - CR 8 - at sink - Sheet vinyl & brown glues - blue fabric pattern	Brown/Blue Non-Fibrous Homogeneous	8% Cellulose	92% Non-fibrous (Other)	None Detected
224-YES-64-31A  322222507-0034	MB - CR 6 - north side window infill - Unfinished drywall - painted	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
224-YES-64-31B  322222507-0035	MB - CR 6 - south side window infill - Unfinished drywall - painted	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
224-YES-64-32A-Sheet Flooring  322222507-0036	MB - HR SE restroom - at entry - Sheet flooring & glue - dark blue/ grey mosaic pattern	Gray/Blue Fibrous Heterogeneous	5% Synthetic 5% Glass	90% Non-fibrous (Other)	None Detected
224-YES-64-32A-Glue  322222507-0036A	MB - HR SE restroom - at entry - Sheet flooring & glue - dark blue/ grey mosaic pattern	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-32A-Leveling Compound  322222507-0036B	MB - HR SE restroom - at entry - Sheet flooring & glue - dark blue/ grey mosaic pattern	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-33A-Sheet Flooring  322222507-0037	MB - room between academic coach & west adj. office - Sheet flooring & glue - solid cream	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 11/14/2022 10:06:00



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<b>LA Testing Order:</b> 322222507 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> 22YES-64 <b>Project ID:</b>
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
224-YES-64-33A-Glue 322222507-0037A	MB - room between academic coach & west adj. office - Sheet flooring & glue - solid cream	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-33A-Leveling Compound 322222507-0037B	MB - room between academic coach & west adj. office - Sheet flooring & glue - solid cream	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-34A-Carpet 322222507-0038	MB - office east of CR 8 - east wall center - Carpet & glue - blue/green/red/cream multi	Various/Black Fibrous Homogeneous	98% Synthetic	2% Non-fibrous (Other)	None Detected
224-YES-64-34A-Pad 322222507-0038A	MB - office east of CR 8 - east wall center - Carpet & glue - blue/green/red/cream multi	Gray Non-Fibrous Homogeneous	3% Glass	97% Non-fibrous (Other)	None Detected
224-YES-64-34A-Glue 322222507-0038B	MB - office east of CR 8 - east wall center - Carpet & glue - blue/green/red/cream multi	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-41A-Baseboard 322222507-0039	MB - CR 9 - SW corner - Baseboard & glue - 3" black	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-41A-Glue 322222507-0039A	MB - CR 9 - SW corner - Baseboard & glue - 3" black	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-42A-Finish Coat 322222507-0040	MB - 10A - south wall at existing damage - Plaster - smooth finish	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-42A-Base Coat 322222507-0040A	MB - 10A - south wall at existing damage - Plaster - smooth finish	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-44A-Paper Jacket 322222507-0041	MB - CR 9 - unit ventilator - Pipe straight insulation - paper jacketed fiberglass	White/Silver Fibrous Heterogeneous	45% Cellulose 10% Glass	45% Non-fibrous (Other)	None Detected
224-YES-64-44A-Glue 322222507-0041A	MB - CR 9 - unit ventilator - Pipe straight insulation - paper jacketed fiberglass	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-44A-Insulation 322222507-0041B	MB - CR 9 - unit ventilator - Pipe straight insulation - paper jacketed fiberglass	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
224-YES-64-45A 322222507-0042	MB - attic above CRS 9-14 - at CR 9 access - Blown - in insulation - pink fiberglass	Pink Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected

Initial report from: 11/14/2022 10:06:00





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<b>LA Testing Order:</b> 322222507	Page 141 of 198
<b>Customer ID:</b> YWEL75	
<b>Customer PO:</b> 22YES-64	
<b>Project ID:</b>	

Analyst(s)

Nahid Motamedi (66)

Yisely Sanchez (18)

Jerry Drapala Ph.D, Laboratory Manager  
or Other Approved Signatory

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Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Initial report from: 11/14/2022 10:06:00



Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/9/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>(Signature)</i>	Date	11/10/2022
Received By	Annette McKissack <i>(Signature)</i> (Rbx)	Date	11/11/2022 9:40

22YES-64-01C	CARPET SQUARES & GLUE – BLUE/GREY STRIPED MB - CR 14 – NW CORNER
22YES-64-06C	FIBERGLASS BATT INSULATION – PAPER JACKETED MB – HALLWAY ADJ. TO KITCHEN – WEST SIDE CENTER
22YES-64-12C	BASEBOARD & BROWN GLUE 3" BLUE MB – HALLWAY ADJ. TO LIBRARY – NORTH WALL WEST END
22YES-64-21B	CERAMIC FLOOR TILE GROUT – BROWN MB – WOMEN'S RR – AT EXISTING DAMAGE (2" GREY)
22YES-64-25B	CARPET & GLUE – BLUE WITH WHITE MB – LIBRARY – SE AREA
22YES-64-34B	CARPET & GLUE – BLUE/GREEN/RED/CREAM MULTI CRS 17-22 – CR 17 – NORTH SIDE UNDER CABINET
22YES-64-34C	CARPET & GLUE – BLUE/GREEN/RED/CREAM MULTI CRS 17-22 – CR 20 – NORTH SIDE UNDER CABINET
22YES-64-37A	LAY-IN PANEL – 2'X4' GOUGE PH MB – HALLWAY ADJ. TO KITCHEN – WEST SIDE CENTER
22YES-64-37B	LAY-IN PANEL – 2'X4' GOUGE PH MB – RM 10A – NW CORNER OF CEILING
22YES-64-39A	ACOUSTIC CEILING TILE 12" & BROWN GLUES – UNIFORM HOLES MB – RM 10A – NW CORNER OF CEILING



Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/9/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell	Date	11/10/2022
Received By	Annette McKissack (Eh)	Date	11/11/2022 940

SAMPLE ID	1 <sup>st</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-40A	PLASTER – SANDED FINISH
	MB – RM 10A – NW CORNER OF CEILING
22YES-64-41B	BASEBOARD & GLUE 3" BLACK
	MB – CR 14 – UNDER CABINET
22YES-64-44B	PIPE STRAIGHT INSULATION PAPER JACKETED
	MB – LIBRARY – ON UNIT VENTILATOR
22YES-64-47A	COUNTER TOP MATERIAL & BROWN GLUE – GREEN FABRIC PATTERN
	MB – CR 10 – WEST BACKSPLASH
22YES-64-48A	COUNTER TOP MATERIAL & BROWN GLUE – BROWN/CREAM MOSAIC
	MB – CR 3 – AT SINK
22YES-64-48B	COUNTER TOP MATERIAL & BROWN GLUE – BROWN/CREAM MOSAIC
	CRS 17-22 – CR 21 – WEST COUNTER
22YES-64-48C	COUNTER TOP MATERIAL & BROWN GLUE – BROWN/CREAM MOSAIC
	MB – MUSIC ROOM – NE COUNTER
22YES-64-49A	ACOUSTIC CEILING TILE 12" & BLACK GLUE – FISSURE PH PATTERN
	MB – HALLWAY – WHERE BOTH AGES OF HALLWAY MEET IN ALCOVE
22YES-64-51A	FLOOR TILE & GLUE 12" DK BLUE OATMEAL
	MB – HALLWAY ADJ. TO KITCHEN – NW CORNER
22YES-64-52A	FLOOR TILE & GLUE 12" GREY/BLUE OATMEAL
	MB – HALLWAY ADJ TO LIBRARY -AT EXISTING DAMAGE



**YES Environmental, Inc.**

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1201 24<sup>TH</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/9/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell	Date	11/10/2022
Received By	Annette Adkissack (EHR)	Date	11/11/2022 940

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-53A	CONCEALED LT BROWN TILE & BLACK MASTIC
	MB – HALLWAY ADJ. TO LIBRARY – AT EXISTING DAMAGE
22YES-64-54A	WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMPOSITION ROOFING & FELTS
	MB – ROOF 3-8 – CENTER OF ROOF
22YES-64-54B	WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMPOSITION ROOFING & FELTS
	MB – ROOF 1-2 – WEST SIDE CENTER
22YES-64-54C	WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMPOSITION ROOFING & FELTS
	MB – ROOF 9-14 – WEST SIDE CENTER
22YES-64-55A	ROOF MASTIC – GREY/BLACK & SILVER PAINT
	MB – ROOF 3-8 – EAST END SOUTH SIDE AT VENT PIPE
22YES-64-55B	ROOF MASTIC – GREY/BLACK
	MB - ROOF 9-14 – EAST END AT HVAC UNIT CURB
22YES-64-55C	ROOF MASTIC – GREY/BLACK & SILVER PAINT
	MB – ROOF 3-8 – EAST END MIDDLE
22YES-64-57A	BASEBOARD & OFF-WHITE GLUE 4" BLUE
	CRS 17-22 – CR 18 – NORTH SIDE UNDER CABINET
22YES-64-57B	BASEBOARD & OFF-WHITE GLUE 4" BLUE
	CRS 17-22 – CR 20 – NORTH SIDE UNDER CABINET
22YES-64-59A	SHEET VINYL & BROWN MASTIC – GREEN STRIPED
	CRS 17-22 – CR 19 – NW COUNTER



# YES Environmental, Inc.

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Contact Name & Phone Number		Kristy Yowell (661) 477-4662		Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>		TYPE OF ANALYSIS AND TURN AROUND TIME		
Collected By	Kristy Yowell		PLM with Dispersion Staining		
Date Samples Collected	11/9/2022		72 Hour		
Job # & Client	22YES-64 Bakersfield City School District		LAB	LA TESTING	
Job Site Name & Description	Horace Mann ES – MOD Insp				
Submitted By	Kristy Yowell	<i>KY</i>	Date	11/10/2022	
Received By	Annette McKissack (EHC)		Date	11/11/2022 940	

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-59B	SHEET VINYL & BROWN MASTIC – GREEN STRIPED
	CRS 17-22 – CR 20 – NW COUNTER
22YES-64-60A	SHEET VINYL & BROWN MASTIC – DK WOOD GRAIN
	CRS 17-22 – CR 18 – WEST SIDE COUNTER
22YES-64-60B	SHEET VINYL & BROWN MASTIC – DK WOOD GRAIN
	CRS 17-22 – CR 21 – WEST ANGLED COUNTER
22YES-64-60C	SHEET VINYL & BROWN MASTIC – DK WOOD GRAIN
	MB – CR 10 – AT SINK COUNTER TOP
22YES-64-61A	CARPET & GLUE – BLACK WITH WHITE DOTS
	CRS 17-22 – CR 21 – AT NORTH ENTRY
22YES-64-61B	CARPET & GLUE – BLACK WITH WHITE DOTS
	CRS 17-22 – CR 18 – AT NORTH SIDE EAST END
22YES-64-62A	LAY-IN PANELS 2'X4' GOUGE PH PATTERN
	CRS 17-22 – CR 18 – EAST SIDE CENTER
22YES-64-62B	LAY-IN PANELS 2'X4' GOUGE PH PATTERN
	CRS 17-22 – CR 21 – NE AREA OF CEILING
22YES-64-63A	FIBERGLASS BATT INSULATION PAPER JACKETED
	CRS 17-22 – CR 17 – WEST SIDE ABOVE FCP
22YES-64-63B	FIBERGLASS BATT INSULATION PAPER JACKETED
	CRS 17-22 – CR 22 – NE AREA OF CEILING



**YES Environmental, Inc.**

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Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/9/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell	Date	11/10/2022
Received By	Annette McKissack (E/R)	Date	11/11/2022 0140

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-64A	FIBERGLASS BATT INSULATION BLACK PAPER JACKETED
	CRS 17-22 – CR 17 – WEST SIDE ABOVE ORIGINAL CEILING
22YES-64-64B	FIBERGLASS BATT INSULATION BLACK PAPER JACKETED
	CRS 17-22 – CR 22 – NE CEILING AREA
22YES-64-65A	PIPE STRAIGHT INSULATION PAPER JACKETED FIBERGLASS
	CRS 17-22 – MECH RM (ADJ. TO CR 19) – ON PIPE STRAIGHT
22YES-64-66A	WHITE/CHALKY DOOR INSULATION
	CRS 17-22- MECH RM DOOR – AT EXTERIOR DAMAGE
22YES-64-67A	PLASTER – SANDED FINISH
	CRS 17-22 – CUSTODIAL RM (ADJ. TO CR 19) AT ENTRY
22YES-64-68A	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB – 1-2 – MIDDLE OF CR 2 EAST END
22YES-64-68B	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB – 9-14 – NORTH SIDE EAST AREA
22YES-64-68C	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB – 9-14 – SE CORNER
22YES-64-68D	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB – 9-14 – SOUTH SIDE EAST END AT DOOR
22YES-64-68E	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB – 3-8 – SW CORNER OF SOUTH WALL



# YES Environmental, Inc.

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1201 24<sup>TH</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Contact Name & Phone Number		Kristy Yowell (661) 477-4662		Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>		TYPE OF ANALYSIS AND TURN AROUND TIME		
Collected By	Kristy Yowell		PLM with Dispersion Staining		
Date Samples Collected	11/9/2022		72 Hour		
Job # & Client	22YES-64 Bakersfield City School District		LAB	LA TESTING	
Job Site Name & Description	Horace Mann ES - MOD Insp				
Submitted By	Kristy Yowell	Date	11/10/2022		
Received By	Annette Mekissarak (ehc)	Date	11/11/2022 940		

SAMPLE ID	1 <sup>st</sup> LINE: MATERIAL DESCRIPTION - 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-68F	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB - 3-8 - EAST END SOUTH SIDE AT DOOR INFILL
22YES-64-68G	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB - 3-8 - SOUTH SIDE CENTER AT DOOR STEPS
22YES-64-68H	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB - 3-8 - NORTH SIDE AT CR 5 DOOR
22YES-64-68I	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB - 1-2 - EAST SIDE NORTH END AT CORNER
22YES-64-69A	EXTERIOR WINDOW PUTTY - CREAM
	MB - 1-2 - NORTH SIDE EAST CORNER
22YES-64-69B	EXTERIOR WINDOW PUTTY - CREAM
	MB - 1-2 - EAST SIDE CENTER
22YES-64-69C	EXTERIOR WINDOW PUTTY - CREAM
	MB - 3-8 - NORTH SIDE MIDDLE OF CR 5
22YES-64-69D	EXTERIOR WINDOW PUTTY - CREAM
	MB - 9-14 - NORTH SIDE CENTER
22YES-64-69E	EXTERIOR WINDOW PUTTY - GREY
	MB - 9-14 - NORTH SIDE AT CR 12
22YES-64-69F	EXTERIOR WINDOW PUTTY - CREAM
	MB - 3-8 - SOUTH SIDE CENTER ABOVE DOUBLE DOOR



**YES Environmental, Inc.**

**#32222593** Page 143 of 193

1201 24<sup>TH</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/9/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>KY</i>	Date	11/10/2022
Received By	Anneke McKissack (EFC)	Date	11/11/2022 940

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-70A	EXTERIOR BRICK & MORTAR
	MB – 9-14 – WEST END NORTH SIDE AT CORNER
22YES-64-70B	EXTERIOR BRICK & MORTAR
	MB – 9-14 – SOUTH SIDE EAST END AT CORNER
22YES-64-71A	SHEET VINYL & BROWN MASTIC – PINK WOOD GRAIN
	CRS 17-22 – CR 21 – NORTH COUNTER
22YES-64-73A	PASTER – SMOOTH FINISH
	CRS 23-27 – BOOK ROOM – WEST ALL AT ENTRY
22YES-64-74A	EXTERIOR WINDOW PUTTY – GREY
	CRS 17-27 – CR 27 – SOUTH SIDE WEST END
22YES-64-74B	EXTERIOR WINDOW PUTTY – CREAM
	CRS 17-27 – CR 25 – NORTH SIDE WEST END
22YES-64-74C	EXTERIOR WINDOW PUTTY – GREY
	CRS 17-27 – CR 24 – NORTH SIDE EAST END
22YES-64-74D	EXTERIOR WINDOW PUTTY – CREAM
	CRS 17-27 – CR 23 – SOUTH SIDE EAST END
22YES-64-74E	EXTERIOR WINDOW PUTTY – GREY
	CRS 17-27 – CR 22 – SOUTH SIDE WEST END
22YES-64-74F	EXTERIOR WINDOW PUTTY – CREAM
	CRS 17-27 – CR 18 – SOUTH SIDE EAST END





**YES Environmental, Inc.**

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Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/9/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>KY</i>	Date	11/10/2022
Received By	Annette McKissack (Ely)	Date	11/11/2022 940

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-74G	EXTERIOR WINDOW PUTTY – OLD GREY & NEW GREY 2 AGES
	CRS 17-27 – CR 21 – NORTH SIDE CENTER
22YES-64-75A	FIBERGLASS PIPE INSULATION CLOTH JACKETED
	CRS 17-27 – CR 18 – NE AREA ABOVE ORIGINAL CEILING
22YES-64-75B	FIBERGLASS PIPE INSULATION CLOTH JACKETED
	CRS 17-27 – CR 20 – NE AREA ABOVE ORIGINAL CEILING
22YES-64-76A	EXTERIOR STUCCO & VAPOR BARRIER
	CRS 17-27 – EAST WALL OF CRS 20-22 - CENTER
22YES-64-76B	EXTERIOR STUCCO & VAPOR BARRIER
	CRS 17-27 – WEST SIDE 25-27 – UNDER DRINKING FOUNTAIN
22YES-64-76C	EXTERIOR STUCCO & VAPOR BARRIER
	CRS 17-27 – SOUTH WALL 24-23 – CENTER OF WALL
22YES-64-76D	EXTERIOR STUCCO & VAPOR BARRIER
	CRS 17-27 – NORTH WALL OF 17-19 – CENTER
22YES-64-76E	EXTERIOR STUCCO & VAPOR BARRIER
	CRS 17-27 – SOUTH WALL OF 22-23 EAST END
22YES-64-76F	EXTERIOR STUCCO
	CRS 17-27 – NORTH SIDE 17-19 – SOFFIT EAST END
22YES-64-76G	EXTERIOR STUCCO
	CRS 17-27 – SOUTH SIDE OF 25-27 CENTER OF SOFFIT





# LA Testing

520 Mission Street South Pasadena, CA 91030

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LA Testing Order: 322222593  
Page 151 of 198

Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

**Attention:** Kristy Yowell  
YES Environmental, Inc.  
13708 Carpaccio Lane  
Bakersfield, CA 93306

**Phone:** (661) 477-4662

**Fax:**

**Received Date:** 11/11/2022 9:40 AM

**Analysis Date:** 11/15/2022

**Collected Date:** 11/09/2022

**Project:** 22YES-64 Bakersfield City School District/ Horace Mann ES - MOD Insp

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-01C-Carpet 322222593-0001 <i>No glue present for analysis</i>	Mb - cr 14 - nw corner - carpet squares & glue - blue/grey striped	Gray/Blue Fibrous Homogeneous	10% Cellulose 85% Synthetic	5% Non-fibrous (Other)	None Detected
22YES-64-01C-Padding 322222593-0001A	Mb - cr 14 - nw corner - carpet squares & glue - blue/grey striped	Gray Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
22YES-64-06C-Wrap 322222593-0002	Mb - hallway adj. to kitchen - west side center - fiberglass batt insulation - paper jacketed	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
22YES-64-06C-Tar 322222593-0002A	Mb - hallway adj. to kitchen - west side center - fiberglass batt insulation - paper jacketed	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-06C-Insulation 322222593-0002B	Mb - hallway adj. to kitchen - west side center - fiberglass batt insulation - paper jacketed	Pink Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-12C-Baseboard 322222593-0003	Mb - hallway adj. to library - north wall west end - baseboard & brown glue 3" blue	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-12C-Glue 322222593-0003A	Mb - hallway adj. to library - north wall west end - baseboard & brown glue 3" blue	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-21B 322222593-0004	Mb - women's rr - at existing damage (2" grey) - ceramic floor tile grout - brown	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-25B-Carpet 322222593-0005	Mb - library - se area - carpet & glue - blue with white	White/Blue Fibrous Homogeneous	95% Synthetic	5% Non-fibrous (Other)	None Detected
22YES-64-25B-Glue 322222593-0005A	Mb - library - se area - carpet & glue - blue with white	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-34B-Carpet 322222593-0006	Crs 17-22 - cr17 - north side under cabinet - carpet & glue - blue/green/red/cream mutli	Blue/Green/Gold Fibrous Homogeneous	95% Synthetic	5% Non-fibrous (Other)	None Detected

Initial report from: 11/16/2022 09:04:28



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LA Testing Order: 322222593 Page 152 of 198

Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-34B-Padding 322222593-0006A	Crs 17-22 - cr17 - north side under cabinet - carpet & glue - blue/green/red/cream mutli	Tan Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
22YES-64-34B-Glue 322222593-0006B	Crs 17-22 - cr17 - north side under cabinet - carpet & glue - blue/green/red/cream mutli	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-34C-Carpet 322222593-0007	Crs 17-22 - cr17 - north side under cabinet - carpet & glue - blue/green/red/cream mutli	Black/Blue/Green Fibrous Homogeneous	95% Synthetic	5% Non-fibrous (Other)	None Detected
22YES-64-34C-Padding 322222593-0007A	Crs 17-22 - cr17 - north side under cabinet - carpet & glue - blue/green/red/cream mutli	Tan Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
22YES-64-34C-Glue 322222593-0007B	Crs 17-22 - cr17 - north side under cabinet - carpet & glue - blue/green/red/cream mutli	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-37A 322222593-0008	Mb - hallway adj. to kitchen - west side center - lay-in panel - 2'x4' gouge ph	White/Beige Fibrous Homogeneous	40% Cellulose 10% Min. Wool	30% Perlite 20% Non-fibrous (Other)	None Detected
22YES-64-37B 322222593-0009	Mb - rm 10a - nw corner of ceiling - lay-in panel - 2'x4' gouge ph	White/Beige Fibrous Heterogeneous	40% Cellulose 10% Min. Wool	30% Perlite 20% Non-fibrous (Other)	None Detected
22YES-64-39A 322222593-0010	Mb - rm 10a - nw corner of ceiling - acoustic ceiling tile 12" & brown glues - uniform holes	Brown/White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
22YES-64-40A 322222593-0011	Mb - rm 10a - nw corner of ceiling - plaster - sanded finish	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-41B-Baseboard 322222593-0012	Mb - cr 14 - under cabinet - baseboard & glue 3" black	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-41B-Glue 1 322222593-0012A	Mb - cr 14 - under cabinet - baseboard & glue 3" black	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-41B-Glue 2 322222593-0012B	Mb - cr 14 - under cabinet - baseboard & glue 3" black	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-44B-Wrap 322222593-0013	Mb - library - on unit ventilator - pipe straight insulation paper jacketed	Silver/Beige Fibrous Homogeneous	40% Cellulose 10% Glass	50% Non-fibrous (Other)	None Detected

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<b>LA Testing Order:</b> 322222593 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> 22YES-64 <b>Project ID:</b>
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-44B-Insulation 322222593-0013A	Mb - library - on unit ventilator - pipe straight insulation paper jacketed	Yellow Non-Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-47A-Laminated 322222593-0014	Mb - cr 10 west backsplash - counter top material & brown glue - green fabric pattern	Green Non-Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
22YES-64-47A-Glue 322222593-0014A	Mb - cr 10 west backsplash - counter top material & brown glue - green fabric pattern	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-48A-Sheet Vinyl 322222593-0015	Mb - cr3 - at sink - counter top material & brown glue - brown/cream mosaic	Brown/Beige Fibrous Heterogeneous	15% Cellulose 3% Synthetic 3% Glass	79% Non-fibrous (Other)	None Detected
22YES-64-48A-Mastic 322222593-0015A	Mb - cr3 - at sink - counter top material & brown glue - brown/cream mosaic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-48B-Sheet Vinyl 1 322222593-0016	Crs 17-22 - cr21 - west corner - counter top material & brown glue - brown/cream mosaic	Brown/Beige Fibrous Heterogeneous	15% Cellulose 5% Synthetic 3% Glass	77% Non-fibrous (Other)	None Detected
22YES-64-48B-Mastic 1 322222593-0016A	Crs 17-22 - cr21 - west corner - counter top material & brown glue - brown/cream mosaic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-48B-Sheet Vinyl 2 322222593-0016B	Crs 17-22 - cr21 - west corner - counter top material & brown glue - brown/cream mosaic	Red/Green/Beige Fibrous Heterogeneous	20% Cellulose 5% Synthetic	75% Non-fibrous (Other)	None Detected
22YES-64-48B-Mastic 2 322222593-0016C	Crs 17-22 - cr21 - west corner - counter top material & brown glue - brown/cream mosaic	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-48B-Felt Backing 322222593-0016D	Crs 17-22 - cr21 - west corner - counter top material & brown glue - brown/cream mosaic	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
22YES-64-48B-Mastic 3 322222593-0016E	Crs 17-22 - cr21 - west corner - counter top material & brown glue - brown/cream mosaic	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-48C-Sheet Vinyl 322222593-0017	Mb - music room - ne counter - counter top material & brown glue - brown/cream mosaic	Brown/Beige Fibrous Heterogeneous	5% Cellulose	80% Non-fibrous (Other)	15% Chrysotile
22YES-64-48C-Glue 322222593-0017A	Mb - music room - ne counter - counter top material & brown glue - brown/cream mosaic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 11/16/2022 09:04:28



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<b>LA Testing Order:</b> 322222593 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> 22YES-64 <b>Project ID:</b>
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-49A-Ceiling Tile 322222593-0018	Mb - hallway - hallway - where both ages of hallway meet in alcove - acoustic ceiling tile 12" & black glue - fissured ph pattern	Gray/White Fibrous Homogeneous	40% Cellulose 20% Min. Wool	20% Perlite 20% Non-fibrous (Other)	None Detected
22YES-64-49A-Glue 322222593-0018A	Mb - hallway - hallway - where both ages of hallway meet in alcove - acoustic ceiling tile 12" & black glue - fissured ph pattern	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-51A-Floor Tile 322222593-0019	Mb - hallway adj. to kitchen - nw corner - floor tile & glue 12" dk blue oatmeal	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-51A-Glue 322222593-0019A	Mb - hallway adj. to kitchen - nw corner - floor tile & glue 12" dk blue oatmeal	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-52A-Floor Tile 322222593-0020	Mb - hallway adj. to library - at existing damage - floor tile & glue 12" grey/blue oatmeal	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-52A-Glue 322222593-0020A	Mb - hallway adj. to library - at existing damage - floor tile & glue 12" grey/blue oatmeal	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-53A-Floor Tile 322222593-0021	Mb - hallway adj. to library - at existing damage - concealed lt brown tile & black mastic	Brown/Tan Non-Fibrous Homogeneous		96% Non-fibrous (Other)	4% Chrysotile
22YES-64-53A-Mastic 322222593-0021A	Mb - hallway adj. to library - at existing damage - concealed lt brown tile & black mastic	Black Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
22YES-64-54A-Coating 322222593-0022	Mb - roof 3-8 - center of roof - white coating on foam on silver paint on rolled composition roofing & felts	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-54A-Foam 322222593-0022A	Mb - roof 3-8 - center of roof - white coating on foam on silver paint on rolled composition roofing & felts	Yellow/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-54A-Silver Paint 322222593-0022B	Mb - roof 3-8 - center of roof - white coating on foam on silver paint on rolled composition roofing & felts	Gray/Black/Silver Fibrous Heterogeneous		95% Non-fibrous (Other)	5% Chrysotile

Initial report from: 11/16/2022 09:04:28



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<b>LA Testing Order:</b> 322222593 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> 22YES-64 <b>Project ID:</b>
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-54A-Roofing 322222593-0022C	Mb - roof 3-8 - center of roof - white coating on foam on silver paint on rolled composition roofing & felts	Gray/Black Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
22YES-64-54A-Felt 1 322222593-0022D	Mb - roof 3-8 - center of roof - white coating on foam on silver paint on rolled composition roofing & felts	Black/Silver Fibrous Homogeneous	10% Cellulose	70% Non-fibrous (Other)	20% Chrysotile
22YES-64-54A-Felt 2 322222593-0022E	Mb - roof 3-8 - center of roof - white coating on foam on silver paint on rolled composition roofing & felts	Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
22YES-64-54B-Coating 322222593-0023	Mb - roof 1-2 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>No roofing present for analysis</i>					
22YES-64-54B-Foam 322222593-0023A	Mb - roof 1-2 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Yellow/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-54B-Silver Paint 322222593-0023B	Mb - roof 1-2 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Silver Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
22YES-64-54B-Tar 322222593-0023C	Mb - roof 1-2 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-54B-Felts 322222593-0023D	Mb - roof 1-2 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Black Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-54C-Coating 322222593-0024	Mb - roof 9-14 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-54C-Foam 322222593-0024A	Mb - roof 9-14 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 11/16/2022 09:04:28



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LA Testing Order: 322222593 Page 156 of 198

Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-54C-Silver Paint 322222593-0024B	Mb - roof 9-14 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Black/Silver Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
22YES-64-54C-Roofing 322222593-0024C	Mb - roof 9-14 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Black Fibrous Homogeneous	15% Cellulose 5% Synthetic	80% Non-fibrous (Other)	None Detected
22YES-64-54C-Tar 322222593-0024D	Mb - roof 9-14 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-54C-Felts 322222593-0024E	Mb - roof 9-14 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Black Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-55A-Silver Paint/Mastic 322222593-0025 <i>Unable to separate</i>	Mb - roof 3-8 - east end south side at vent pipe - roof mastic - grey/black & silver paint	Black/Silver Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
22YES-64-55A-Felt 322222593-0025A	Mb - roof 3-8 - east end south side at vent pipe - roof mastic - grey/black & silver paint	Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
22YES-64-55B-Mastic 322222593-0026	Mb - roof 9-14 - east end at hvac unit curb - roof mastic - grey/black	Black Non-Fibrous Homogeneous	8% Synthetic	92% Non-fibrous (Other)	None Detected
22YES-64-55B-Foam 322222593-0026A	Mb - roof 9-14 - east end at hvac unit curb - roof mastic - grey/black	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-55C-Mastic 322222593-0027	Mb - roof 3-8 - east end middle - roof mastic - grey/black & silver paint	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-55C-Felt 322222593-0027A	Mb - roof 3-8 - east end middle - roof mastic - grey/black & silver paint	Black Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-55C-Silver Paint 322222593-0027B	Mb - roof 3-8 - east end middle - roof mastic - grey/black & silver paint	Black/Silver Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
22YES-64-55C-Foam 322222593-0027C	Mb - roof 3-8 - east end middle - roof mastic - grey/black & silver paint	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-57A-Baseboard 322222593-0028	Crs 17-22 - cr 18 - north side under cabinet - baseboard & off-white glue 4" blue	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-57A-Glue 322222593-0028A	Crs 17-22 - cr 18 - north side under cabinet - baseboard & off-white glue 4" blue	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-57B-Baseboard 322222593-0029	Crs 17-22 - cr 20 - north side under cabinet - baseboard & off-white glue 4" blue	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-57B-Glue 322222593-0029A	Crs 17-22 - cr 20 - north side under cabinet - baseboard & off-white glue 4" blue	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-59A-Sheet Vinyl 322222593-0030	Crs 17-22 - cr 19 - nw counter - sheet vinyl & brown mastic - green striped	Green Fibrous Heterogeneous	25% Cellulose 5% Synthetic	70% Non-fibrous (Other)	None Detected
22YES-64-59A-Mastic 322222593-0030A	Crs 17-22 - cr 19 - nw counter - sheet vinyl & brown mastic - green striped	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-59B-Sheet Vinyl 322222593-0031	Crs 17-22 - cr 20 - nw counter - sheet vinyl & brown mastic - green striped	Green Fibrous Heterogeneous	25% Cellulose 5% Synthetic	70% Non-fibrous (Other)	None Detected
22YES-64-59B-Mastic 322222593-0031A	Crs 17-22 - cr 20 - nw counter - sheet vinyl & brown mastic - green striped	Brown/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-59B-Felt Backing 322222593-0031B	Crs 17-22 - cr 20 - nw counter - sheet vinyl & brown mastic - green striped	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
22YES-64-60A-Sheet Vinyl 322222593-0032	Crs 17-22 - cr 18 - west side counter - sheet vinyl & brown mastic - dk wood grain	Brown Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
22YES-64-60A-Mastic 322222593-0032A	Crs 17-22 - cr 18 - west side counter - sheet vinyl & brown mastic - dk wood grain	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-60B-Sheet Vinyl 322222593-0033	Crs 17-22 - cr 21 - west angled counter - sheet vinyl & brown mastic - dk wood grain	Brown/Green Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
22YES-64-60B-Mastic 322222593-0033A	Crs 17-22 - cr 21 - west angled counter - sheet vinyl & brown mastic - dk wood grain	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-60C-Sheet Vinyl 322222593-0034	Mb - cr 10 - at sink counter top - sheet vinyl & brown mastic - dk wood grain	Brown Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
22YES-64-60C-Mastic 322222593-0034A	Mb - cr 10 - at sink counter top - sheet vinyl & brown mastic - dk wood grain	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-61A-Carpet 322222593-0035	Crs 17-22 - cr 21 - at north entry - carpet & glue - black with white dots	White/Black Fibrous Homogeneous	95% Synthetic	5% Non-fibrous (Other)	None Detected
22YES-64-61A-Padding 322222593-0035A	Crs 17-22 - cr 21 - at north entry - carpet & glue - black with white dots	Tan Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
22YES-64-61A-Glue 322222593-0035B	Crs 17-22 - cr 21 - at north entry - carpet & glue - black with white dots	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-61B-Carpet 322222593-0036	Crs 17-22 - cr 18 - at north side east end - carpet & glue - black with white dots	White/Black Fibrous Homogeneous	95% Synthetic	5% Non-fibrous (Other)	None Detected
22YES-64-61B-Padding 322222593-0036A	Crs 17-22 - cr 18 - at north side east end - carpet & glue - black with white dots	Tan Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
22YES-64-61B-Glue/Leveling Compound 322222593-0036B <i>Unable to Separate</i>	Crs 17-22 - cr 18 - at north side east end - carpet & glue - black with white dots	Yellow/Beige/Clear Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-62A 322222593-0037	Crs 17-22 - cr 18 - east side center - lay-in panel - 2'x4' gouge ph pattern	Gray/White Fibrous Homogeneous	40% Cellulose 10% Min. Wool	30% Perlite 20% Non-fibrous (Other)	None Detected
22YES-64-62B 322222593-0038	Crs 17-22 - cr 21 - ne area of ceiling - lay-in panel - 2'x4' gouge ph pattern	Gray/White Fibrous Heterogeneous	40% Cellulose 10% Min. Wool	30% Perlite 20% Non-fibrous (Other)	None Detected
22YES-64-63A-Wrap 322222593-0039	Crs 17-22 - cr 17 - west side above fcp - fiberglass batt insulation paper jacketed	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
22YES-64-63A-Tar 322222593-0039A	Crs 17-22 - cr 17 - west side above fcp - fiberglass batt insulation paper jacketed	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-63A-Insulation 322222593-0039B	Crs 17-22 - cr 17 - west side above fcp - fiberglass batt insulation paper jacketed	Pink Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected



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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-63B-Wrap 322222593-0040	Crs 17-22 - cr 22 - ne area of ceiling - fiberglass batt insulation paper jacketed	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
22YES-64-63B-Tar 322222593-0040A	Crs 17-22 - cr 22 - ne area of ceiling - fiberglass batt insulation paper jacketed	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-63B-Insulation 322222593-0040B	Crs 17-22 - cr 22 - ne area of ceiling - fiberglass batt insulation paper jacketed	Pink Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-64A-Wrap 322222593-0041	Crs 17-22 - cr 17 - west side above original ceiling - fiberglass batt insulation black paper jacketed	Black Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
22YES-64-64A-Insulation 322222593-0041A	Crs 17-22 - cr 17 - west side above original ceiling - fiberglass batt insulation black paper jacketed	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-64B-Wrap 322222593-0042	Crs 17-22 - cr 22 - ne ceiling area - fiberglass batt insulation black paper jacketed	Black Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
22YES-64-64B-Insulation 322222593-0042A	Crs 17-22 - cr 22 - ne ceiling area - fiberglass batt insulation black paper jacketed	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-65A-Wrap 322222593-0043	Crs 17-22 - mech rm (adj. to cr 19) - on pipe straight - pipe straight insulation paper jacketed fiberglass	White Fibrous Homogeneous	60% Cellulose 30% Glass	10% Non-fibrous (Other)	None Detected
22YES-64-65A-Insulation 322222593-0043A	Crs 17-22 - mech rm (adj. to cr 19) - on pipe straight - pipe straight insulation paper jacketed fiberglass	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-66A 322222593-0044	Crs 17-22 - mech rm door - at exterior damage - white/chalky door insulation	White Fibrous Homogeneous		88% Non-fibrous (Other)	12% Chrysotile
22YES-64-67A-Finish Coat 322222593-0045	Crs 17-22 - custodial rm (adj. to cr 19) at entry - plaster - sanded finish	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-67A-Base Coat 32222593-0045A	Crs 17-22 - custodial rm (adj. to cr 19) at entry - plaster - sanded finish	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68A-Skim Coat 32222593-0046	Mb - 1-2 - middle of cr 2 east end - sanded finish stucco (on concrete wall)	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68A-Stucco 32222593-0046A	Mb - 1-2 - middle of cr 2 east end - sanded finish stucco (on concrete wall)	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68B-Skim Coat 32222593-0047	Mb - 9-14 - north side east area - sanded finish stucco (on concrete wall)	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68B-Stucco 32222593-0047A	Mb - 9-14 - north side east area - sanded finish stucco (on concrete wall)	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68C-Skim Coat 32222593-0048	Mb - 9-14 - se corner - sanded finish stucco (on concrete wall)	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68C-Finish Coat 32222593-0048A	Mb - 9-14 - se corner - sanded finish stucco (on concrete wall)	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68C-Base Coat 32222593-0048B	Mb - 9-14 - se corner - sanded finish stucco (on concrete wall)	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68D-Skim Coat 32222593-0049	Mb - 9-14 - south side east end at door - sanded finish stucco (on concrete wall)	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68D-Finish Coat 32222593-0049A	Mb - 9-14 - south side east end at door - sanded finish stucco (on concrete wall)	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68D-Base Coat 32222593-0049B	Mb - 9-14 - south side east end at door - sanded finish stucco (on concrete wall)	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68E 32222593-0050	Mb - 3-8 - sw corner of south wall - sanded finish stucco (on concrete wall)	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68F 32222593-0051	Mb - 3-8 - east end south side at door infill - sanded finish stucco (on concrete wall)	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68G-Finish Coat 32222593-0052	Mb - 3-8 - south side center at door steps - sanded finish stucco (on concrete wall)	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected



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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-68G-Base Coat 32222593-0052A	Mb - 3-8 - south side center at door steps - sanded finish stucco (on concrete wall)	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68H-Mastic Like 32222593-0053	Mb - 3-8 - north side at cr 5 door - sanded finish stucco (on concrete wall)	Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
22YES-64-68H-Skim Coat 32222593-0053A	Mb - 3-8 - north side at cr 5 door - sanded finish stucco (on concrete wall)	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68H-Stucco 32222593-0053B	Mb - 3-8 - north side at cr 5 door - sanded finish stucco (on concrete wall)	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68I-Finish Coat 32222593-0054	Mb - 1-2 - east side north end at corner - sanded finish stucco (on concrete wall)	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68I-Base Coat 32222593-0054A	Mb - 1-2 - east side north end at corner - sanded finish stucco (on concrete wall)	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-69A-Texture 32222593-0055	Mb - 1-2 - north side east corner - exterior window putty - cream	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-69A-Window Putty 32222593-0055A	Mb - 1-2 - north side east corner - exterior window putty - cream	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-69B 32222593-0056	Mb - 1-2 - east side center - exterior window putty - cream	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-69C 32222593-0057	Mb - 3-8 - north side middle of cr 5 - exterior window putty - cream	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-69D 32222593-0058	Mb - 9-14 - north side center - exterior window putty - cream	White Non-Fibrous Homogeneous		3% Mica 97% Non-fibrous (Other)	None Detected
22YES-64-69E 32222593-0059	Mb - 9-14 - north side at cr 12 - exterior window putty - grey	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-69F 32222593-0060	Mb - 3-8 - south side center above double door - exterior window putty - cream	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-70A-Brick 32222593-0061	Mb - 9-14 - west end north side at corner - exterior brick & mortar	Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-70A-Mortar 32222593-0061A	Mb - 9-14 - west end north side at corner - exterior brick & mortar	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-70A-Stucco 32222593-0061B	Mb - 9-14 - west end north side at corner - exterior brick & mortar	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected



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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-70B-Mortar  322222593-0062 <i>No Brick Present for Analysis</i>	Mb - 9-14 - south side east end at corner - exterior brick & mortar	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-70B-Stucco  322222593-0062A	Mb - 9-14 - south side east end at corner - exterior brick & mortar	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-71A-Sheet Vinyl  322222593-0063	Crs 17-22 - cr 21 - north corner - sheet vinyl & brown mastic - pink wood grain	Red Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
22YES-64-71A-Mastic  322222593-0063A	Crs 17-22 - cr 21 - north corner - sheet vinyl & brown mastic - pink wood grain	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-73A-Finish Coat  322222593-0064	Crs 23-27 - book room - west all at entry - plaster - smooth finish	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-73A-Base Coat  322222593-0064A	Crs 23-27 - book room - west all at entry - plaster - smooth finish	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-74A  322222593-0065	Crs 17-27 - cr 27 - south side west end - exterior window putty - grey	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-74B  322222593-0066	Crs 17-27 - cr 25 - north side west end - exterior window putty - cream	Beige Non-Fibrous Homogeneous		93% Non-fibrous (Other)	7% Chrysotile
22YES-64-74C  322222593-0067	Crs 17-27 - cr 24 - north side east end - exterior window putty - grey	Gray Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
22YES-64-74D  322222593-0068	Crs 17-27 - cr 23 - south side east end - exterior window putty - cream	Beige Non-Fibrous Homogeneous		93% Non-fibrous (Other)	7% Chrysotile
22YES-64-74E  322222593-0069	Crs 17-27 - cr 22 - south side west end - exterior window putty - grey	Gray Non-Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
22YES-64-74F  322222593-0070	Crs 17-27 - cr 18 - south side east end - exterior window putty - cream	Beige Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
22YES-64-74G-Window Putty 1  322222593-0071	Crs 17-27 - cr 21 - north side center - exterior window putty - old grey & new grey 2 ages	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-74G-Window Putty 2  322222593-0071A	Crs 17-27 - cr 21 - north side center - exterior window putty - old grey & new grey 2 ages	Gray/Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-75A-Insulation 1 32222593-0072	Crs 17-27 - cr 18 - ne area above original ceiling - fiberglass pipe insulation cloth jacketed	Blue Non-Fibrous Homogeneous	65% Cellulose	35% Non-fibrous (Other)	None Detected
22YES-64-75A-Insulation 2 32222593-0072A	Crs 17-27 - cr 18 - ne area above original ceiling - fiberglass pipe insulation cloth jacketed	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-75B-Wrap 32222593-0073	Crs 17-27 - cr 20 - ne area above original ceiling - fiberglass pipe insulation cloth jacketed	Beige Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
22YES-64-75B-Insulation 32222593-0073A	Crs 17-27 - cr 20 - ne area above original ceiling - fiberglass pipe insulation cloth jacketed	Yellow/Beige Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-76A-Skim Coat 32222593-0074	Crs 17-27 - east wall of crs 20-22 - center - exterior stucco & vapor barrier	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76A-Finish Coat 32222593-0074A	Crs 17-27 - east wall of crs 20-22 - center - exterior stucco & vapor barrier	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76A-Base Coat 32222593-0074B	Crs 17-27 - east wall of crs 20-22 - center - exterior stucco & vapor barrier	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76A-Vapor Barrier 32222593-0074C	Crs 17-27 - east wall of crs 20-22 - center - exterior stucco & vapor barrier	Brown/Black Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
22YES-64-76B-Skim Coat 32222593-0075	Crs 17-27 - west side 25-27 - under drinking fountain - exterior stucco & vapor barrier	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76B-Finish Coat 32222593-0075A	Crs 17-27 - west side 25-27 - under drinking fountain - exterior stucco & vapor barrier	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76B-Base Coat 32222593-0075B	Crs 17-27 - west side 25-27 - under drinking fountain - exterior stucco & vapor barrier	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76B-Vapor Barrier 32222593-0075C	Crs 17-27 - west side 25-27 - under drinking fountain - exterior stucco & vapor barrier	Brown/Black Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
22YES-64-76C-Finish Coat 32222593-0076	Crs 17-27 - south wall 24-23 - center of wall - exterior stucco & vapor barrier	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected



# LA Testing

520 Mission Street South Pasadena, CA 91030

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LA Testing Order: 32222593 Page 164 of 198

Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-76C-Base Coat 32222593-0076A	Crs 17-27 - south wall 24-23 - center of wall - exterior stucco & vapor barrier	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76C-Vapor Barrier 32222593-0076B	Crs 17-27 - south wall 24-23 - center of wall - exterior stucco & vapor barrier	Brown Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
22YES-64-76D-Skim Coat 32222593-0077	Crs 17-27 - north wall of 17-19 - center - exterior stucco & vapor barrier	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76D-Finish Coat 32222593-0077A	Crs 17-27 - north wall of 17-19 - center - exterior stucco & vapor barrier	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76D-Base Coat 32222593-0077B	Crs 17-27 - north wall of 17-19 - center - exterior stucco & vapor barrier	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76D-Vapor Barrier 32222593-0077C	Crs 17-27 - north wall of 17-19 - center - exterior stucco & vapor barrier	Brown/Black Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
22YES-64-76E-Finish Coat 32222593-0078	Crs 17-27 - south wall of 22-23 east end - exterior stucco & vapor barrier	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76E-Base Coat 32222593-0078A	Crs 17-27 - south wall of 22-23 east end - exterior stucco & vapor barrier	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76F-Finish Coat 32222593-0079	Crs 17-27 - north side 17-19 - soffit east end - exterior stucco	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76F-Base Coat 32222593-0079A	Crs 17-27 - north side 17-19 - soffit east end - exterior stucco	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76G-Finish Coat 32222593-0080	Crs 17-27 - south side of 25-27 center of soffit - exterior stucco	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76G-Base Coat 32222593-0080A	Crs 17-27 - south side of 25-27 center of soffit - exterior stucco	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76H-Finish Coat 32222593-0081	Crs 17-27 - south side of 20-22 center of soffit - exterior stucco	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76H-Base Coat 32222593-0081A	Crs 17-27 - south side of 20-22 center of soffit - exterior stucco	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected





# LA Testing

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LA Testing Order: 322222593

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Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

Analyst(s)

*James Siepler (61)*  
*Rafael Palacios (117)*

Jerry Drapala Ph.D, Laboratory Manager  
or Other Approved Signatory

LA Testing maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by LA Testing. LA Testing bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore LA Testing recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Initial report from: 11/16/2022 09:04:28



Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/10/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>Kristy Yowell</i>	Date	11/14/2022
Received By		Date	

22YES-64-34D	CARPET & GLUE – BLUE/GREEN/RED/CREAM MULTI
	CR 17-27 – CR 23 – NW AREA UNDER CARPET
22YES-64-34E	CARPET & GLUE – BLUE/GREEN/RED/CREAM MULTI
	CRS 17-27 – CR 26 – EAST SIDE SOUTH END
22YES-64-57C	BASEBOARD & BROWNS & YELLOW GLUES 4" BLUE
	CRS 17-27 – CR 23 – NORTH WALL AT DOOR
22YES-64-57D	BASEBOARD & BROWNS & YELLOW GLUES 4" BLUE
	CRS 17-27 – CR 25 – NORTH WALL UNDER CABINETS
22YES-64-61C	CARPET & GLUE – BLACK WITH WHITE DOTS
	CRS 17-27 – CR 24 – NW AREA
22YES-64-61D	CARPET & GLUE – BLACK WITH WHITE DOTS
	CRS 17-27 – CR 25 – NE CORNER
22YES-64-62C	LAY-IN PANELS 2'X4' GOUGE PINHOLE PATTERN
	CRS 17-27 – CR 23 – SW CORNER OF CEILING
22YES-64-62D	LAY-IN PANELS 2'X4' GOUGE PINHOLE PATTERN
	CRS 17-27 – CR 26 – NORTH SIDE NW AREA
22YES-64-63C	FIBERGLASS BATT INSULATION PAPER JACKETED
	CRS 17-27 – CR 24 – NW AREA OF CEILING
22YES-64-63D	FIBERGLASS BATT INSULATION PAPER JACKETED
	CRS 17-27 – CR 26 – NW AREA OF CEILING ABOVE LAY-IN PANEL



Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/10/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>Kristy Yowell</i>	Date	11/14/2022
Received By		Date	

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-64C	FIBERGLASS BATT INSULATION BLACK PAPER JACKETED
	CRS 17-27 – CR 24 – ABOVE ORIGINAL CEILING NW AREA
22YES-64-64D	FIBERGLASS BATT INSULATION BLACK PAPER JACKETED
	CRS 17-27 – CR 26 – NW AREA ABOVE ORIGINAL CEILING
22YES-64-71B	SHEET VINYL & BROWN MASTIC – PINK WOOD GRAIN
	CRS 17-27 – CR 27 – NORTH COUNTER
22YES-64-73B	PLASTER – SMOOTH FINISH
	CRS 17-27 – GIRLS RR (ADJ. CR 25) NW CORNER
22YES-64-75C	FIBERGLASS PIPE INSULATION CLOTH JACKETED
	CRS 17-27 – CR 24 – NW AREA ABOVE ORIGINAL CEILING
22YES-64-78A	SHEET VINYL, BURLAP BACKING & BROWN GLUE – CREAM WOOD GRAIN
	CRS 17-27 – CR 23 – WEST ANGLED COUNTER
22YES-64-78B	SHEET VINYL, BURLAP BACKING & BROWN GLUE – CREAM WOOD GRAIN
	CRS 17-27 – CR 25 – WEST ANGLED COUNTER
22YES-64-79A	CERAMIC FLOOR TILE GROUT – BROWN (1"X2" BROWNS)
	CRS 17-27 – BOYS RR (ADJ. TO CR 25) AT SINK AT EXISTING DAMAGE
22YES-64-80A	CERAMIC WALL TILE GROUT – WHITE (4" X6" CREAM W/GOLD)
	CRS 17-27 – GIRLS RR (ADJ. TO CR 25) – WEST WALL NORTH END
22YES-64-81A	CLOTH JACKET OVER MUDDERED PIPE JOINT/JUNCTION INSULATION (GREY FIBROUS)
	CRS 17-27 – CR 26 – NW AREA ABOVE ORIGINAL CEILING



Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/10/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>Kristy Yowell</i>	Date	11/14/2022
Received By		Date	

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-82A	MASTIC – BLACK/GREY – FOAMED OVER
	CRS 17-27 – ROOF – CR 23 NORTH SIDE AT VENT PIPE
22YES-64-82B	MASTIC – BLACK/GREY– FOAMED OVER
	CRS 17-27 – ROOF – CR 25 SOUTH SIDE AT ROOF JACK
22YES-64-83A	WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS
	CRS 23-27 – ROOF – CR 23 EAST END NEAR RIDGE
22YES-64-83B	WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS
	CRS 23-27 – ROOF – CR 27 SOUTH SIDE NEAR RIDGE
22YES-64-83C	WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS
	CRS 23-27 – ROOF – CR 25 NORTH SIDE NEAR RIDGE
22YES-64-83D	WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS
	CRS 23-27 – ROOF – CR 24 NORTH SIDE WEST END
22YES-64-84A	WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS
	CRS 17-22 – ROOF – CR 17 – SOUTH SIDE WEST END
22YES-64-84B	WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS
	CRS 17-22 – ROOF – CR 19 NORTH SIDE EAST END
22YES-64-84C	WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS
	CRS 17-22 – ROOF – CR 20 – NORTH SIDE WEST END
22YES-64-84D	WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS
	CRS 17-22 – ROOF – CR 21 SOUTH SIDE CENTER



Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/10/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>Kristy Yowell</i>	Date	11/14/2022
Received By		Date	

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-85A	WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS
	COVERED WALKWAY SOUTH – SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27)
22YES-64-85B	WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS
	COVERED WALKWAY NORTH – SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27)
22YES-64-86A	FIBERGLASS INSULATION PAPER/FOIL JACKETED
	CHILLER YARD – NORTH CENTER - ON PIPE STRAIGHT NEAR TANK
22YES-64-86B	FIBERGLASS INSULATION PAPER/FOIL JACKETED
	CHILLER YARD – NW CORNER - ON PIPE AT TANK
22YES-64-87A	MASTIC – BLACK/GREY
	CHILLER YARD – CENTER ON VALVE NEXT TO BOOSTER PUMP
22YES-64-88A	MUDDIED END
	CHILLER YARD – CENTER AT BOOSTER PUMP ONLY
22YES-64-90A	INSULATION BLANKET – FIBERGLASS WITH CLOTH & VINYL JACKETING
	CHILLER YARD – DEBRIS PILE AT DOUBLE DOORS
22YES-64-82C	MASTIC – BLACK/GREY– FOAMED OVER SILVER PAINT
	CRS 17-27 – ROOF – CR 19 CENTER ON 3” PIPE
22YES-64-82D	MASTIC – BLACK/GREY– FOAMED OVER SILVER PAINT
	CRS 17-27 – ROOF – CR 17 NORTH SIDE WEST END ON 2” PIPE
22YES-64-89A	SANDWICHED VAPOR BARRIER - BLACK
	MB – CR 12 STORAGE AREA – SOUTH SIDE WEST END





# EMSL Analytical, Inc.

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<http://www.EMSL.com> / [santaclaralab@EMSL.com](mailto:santaclaralab@EMSL.com)

EMSL Order: 472200202  
Page 171 of 198

Customer ID: YWEL75

Customer PO:

Project ID:

**Attention:** Kristy Yowell  
YES Environmental, Inc.  
13708 Carpaccio Lane  
Bakersfield, CA 93306

**Phone:** (661) 477-4662

**Fax:**

**Received Date:** 11/16/2022 7:55 PM

**Analysis Date:** 11/17/2022 - 11/18/2022

**Collected Date:** 11/10/2022

**Project:** 22YES-64 BAKERSFIELD CITY SCHOOL DISTRICT

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-34D-Carpet 472200202-0001	CR 17-27 - CR 23 - NW AREA UNDER CARPET - CARPET & GLUE - BLUE/GREEN/RED/C REAM MULTI	Gray Fibrous Homogeneous	80% Synthetic	20% Non-fibrous (Other)	None Detected
22YES-64-34D-Mastic 472200202-0001A	CR 17-27 - CR 23 - NW AREA UNDER CARPET - CARPET & GLUE - BLUE/GREEN/RED/C REAM MULTI	Clear Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-34E-Carpet 472200202-0002	CRS 17-27 - CR 26 - EAST SIDE SOUTH END - CARPET & GLUE - BLUE/GREEN/RED/C REAM MULTI	Blue Fibrous Homogeneous	40% Synthetic	60% Non-fibrous (Other)	None Detected
22YES-64-34E-Mastic 472200202-0002A	CRS 17-27 - CR 26 - EAST SIDE SOUTH END - CARPET & GLUE - BLUE/GREEN/RED/C REAM MULTI	Clear Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-57C-Baseboard 472200202-0003	CRS 17-27 - CR 23 - NORTH WALL AT DOOR - BASEBOARD & BROWNS & YELLOW GLUES 4" BLUE	Blue Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-57C-Mastic 472200202-0003A	CRS 17-27 - CR 23 - NORTH WALL AT DOOR - BASEBOARD & BROWNS & YELLOW GLUES 4" BLUE	Beige Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-57D-Baseboard 472200202-0004	CRS 17-27 - CR 25 - NORTH WALL UNDER CABINETS - BASEBOARD & BROWNS & YELLOW GLUES 4" BLUE	Blue Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-57D-Mastic 472200202-0004A	CRS 17-27 - CR 25 - NORTH WALL UNDER CABINETS - BASEBOARD & BROWNS & YELLOW GLUES 4" BLUE	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected

Initial report from: 11/18/2022 13:23:08



# EMSL Analytical, Inc.

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**EMSL Order:** 472200202  
 Page 172 of 198  
**Customer ID:** YWEL75  
**Customer PO:**  
**Project ID:**

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-61C-Carpet 472200202-0005	CRS 17-27 - CR 24 - NW AREA - CARPET & GLUE - BLACK WITH WHITE DOTS	Black Fibrous Homogeneous	80% Synthetic	20% Non-fibrous (Other)	None Detected
22YES-64-61C-Mastic 472200202-0005A	CRS 17-27 - CR 24 - NW AREA - CARPET & GLUE - BLACK WITH WHITE DOTS	Clear Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-61D-Carpet 472200202-0006	CRS 17-27 - CR 25 - NE CORNER - CARPET & GLUE - BLACK WITH WHITE DOTS	Blue Fibrous Homogeneous	40% Synthetic	60% Non-fibrous (Other)	None Detected
22YES-64-61D-Mastic 472200202-0006A	CRS 17-27 - CR 25 - NE CORNER - CARPET & GLUE - BLACK WITH WHITE DOTS	Clear Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-62C 472200202-0007	CRS 17-27 - CR 23 - SW CORNER OF CEILING - LAY-IN PANELS 2'X4' GOUGE PINHOLE PATTERN	Beige Fibrous Homogeneous	70% Cellulose 10% Glass	20% Non-fibrous (Other)	None Detected
22YES-64-62D 472200202-0008	CRS 17-27 - CR 26 - NORTH SIDE NW AREA - LAY-IN PANELS 2'X4' GOUGE PINHOLE PATTERN	Beige Fibrous Homogeneous	80% Cellulose 10% Glass	10% Non-fibrous (Other)	None Detected
22YES-64-63C 472200202-0009	CRS 17-27 - CR 24 - NW AREA OF CEILING - FIBERGLASS BATT INSULATION PAPER JACKETED	Pink Fibrous Homogeneous	10% Cellulose 80% Glass	10% Non-fibrous (Other)	None Detected
22YES-64-63D 472200202-0010	CRS 17-27 - CR 26 - NW AREA OF CEILING ABOVE LAY-IN PANEL - FIBERGLASS BATT INSULATION PAPER JACKETED	Tan/Pink Fibrous Homogeneous	10% Cellulose 80% Glass	10% Non-fibrous (Other)	None Detected
22YES-64-64C 472200202-0011	CRS 17-27 - CR 24 - ABOVE ORIGINAL CEILING NW AREA - FIBERGLASS BATT INSULATION PAPER JACKETED	Yellow Fibrous Homogeneous	5% Cellulose 90% Glass	5% Non-fibrous (Other)	None Detected
22YES-64-64D 472200202-0012	CRS 17-27 - CR 26 - NW AREA ABOVE ORIGINAL CEILING - FIBERGLASS BATT INSULATION PAPER JACKETED	Yellow Fibrous Homogeneous	5% Cellulose 80% Glass	15% Non-fibrous (Other)	None Detected
22YES-64-71B-Sheet Flooring 472200202-0013	CRS 17-27 - CR 27 - NORTH COUNTER - SHEET VINYL & BROWN MASTIC - PINK WOOD GRAIN	Pink Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected

Initial report from: 11/18/2022 13:23:08





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<b>EMSL Order:</b> 472200202 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> <b>Project ID:</b>	Page 173 of 198
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-71B-Mastic 472200202-0013A	CRS 17-27 - CR 27 - NORTH COUNTER - SHEET VINYL & BROWN MASTIC - PINK WOOD GRAIN	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-73B 472200202-0014	CRS 17-27 - GIRS RR (ADJ. CR 25) NW CORNER - PLASTER - SMOOTH FINISH	White Non-Fibrous Homogeneous		20% Quartz 60% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-75C 472200202-0015	CRS 17-27 - CR 24 - NW AREA ABOVE ORIGINAL CEILING - FIBERGLASS PIPE INSULATION CLOTH JACKETED	Yellow Fibrous Homogeneous	10% Cellulose 80% Glass	10% Non-fibrous (Other)	None Detected
22YES-64-78A-Sheet Flooring 472200202-0016	CRS 17-27 - CR 23 - WEST ANGLED COUNTER - SHEET VINYL, BURLAP BACKING & BROWN GLUE - CREAM WOOD GRAIN	Green Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-78A-Mastic 1 472200202-0016A	CRS 17-27 - CR 23 - WEST ANGLED COUNTER - SHEET VINYL, BURLAP BACKING & BROWN GLUE - CREAM WOOD GRAIN	Brown Non-Fibrous Homogeneous	5% Cellulose	80% Matrix 15% Non-fibrous (Other)	None Detected
22YES-64-78A-Mastic 2 472200202-0016B	CRS 17-27 - CR 23 - WEST ANGLED COUNTER - SHEET VINYL, BURLAP BACKING & BROWN GLUE - CREAM WOOD GRAIN	Tan Non-Fibrous Homogeneous	40% Cellulose	40% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-78B-Sheet Flooring 472200202-0017	CRS 17-27 - CR 25 - WEST ANGLED COUNTER - SHEET VINYL, BURLAP BACKING & BROWN GLUE - CREAM WOOD GRAIN	Green Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
22YES-64-78B-Mastic 472200202-0017A	CRS 17-27 - CR 25 - WEST ANGLED COUNTER - SHEET VINYL, BURLAP BACKING & BROWN GLUE - CREAM WOOD GRAIN	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-79A 472200202-0018	CRS 17-27 - BOYS RR (ADJ. TO CR 25) AT SINK AT EXISTING DAMAGE - CERMAIC FLOOR TILE GROUT - BROWN (1"X2" BROWNS)	Gray Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected



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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-80A  472200202-0019	CRS 17-27 - GIRLS RR (ADJ. TO CR 2) - WEST WALL NORTH END - CERAMIC WALL TILE GROUT - WHITE (4"X6" CREAM W/GOLD)	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-81A  472200202-0020	CRS 17-27 - CR 26 - NW AREA ABOVE ORIGINAL CEILING - CLOTH JACKET OVER MUDDER PIPE JOINT/JUNCTION INSULATION (GREY FIBROUS)	Gray Fibrous Homogeneous	70% Glass	25% Non-fibrous (Other)	5% Chrysotile
22YES-64-82A-Mastic  472200202-0021	CRS 17-27 - ROOF - CR 23 NORTH SIDE AT VENT PIPE - MASTIC - BLACK/GREY - FOAMED OVER	Black Non-Fibrous Homogeneous		80% Matrix 15% Non-fibrous (Other)	5% Chrysotile
22YES-64-82A-Foam  472200202-0021A	CRS 17-27 - ROOF - CR 23 NORTH SIDE AT VENT PIPE - MASTIC - BLACK/GREY - FOAMED OVER	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-82B-Mastic  472200202-0022	CRS 17-27 - ROOF - CR 25 SOUTH SIDE AT ROOF JACK - MASTIC - BLACK/GREY - FOAMED OVER	Black Non-Fibrous Homogeneous		80% Matrix 15% Non-fibrous (Other)	5% Chrysotile
22YES-64-82B-Foam  472200202-0022A	CRS 17-27 - ROOF - CR 25 SOUTH SIDE AT ROOF JACK - MASTIC - BLACK/GREY - FOAMED OVER	Yellow Non-Fibrous Homogeneous		90% Matrix 10% Non-fibrous (Other)	None Detected
22YES-64-83A-Coating  472200202-0023	CRS 23-27 - ROOF - CR 23 EAST END NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-83A-Foam  472200202-0023A	CRS 23-27 - ROOF - CR 23 EAST END NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected



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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-83A-Shingle  472200202-0023B	CRS 23-27 - ROOF - CR 23 EAST END NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	20% Cellulose 5% Glass	75% Non-fibrous (Other)	None Detected
22YES-64-83A-Felt  472200202-0023C	CRS 23-27 - ROOF - CR 23 EAST END NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
22YES-64-83B-Coating  472200202-0024	CRS 23-27 - ROOF - CR 27 SOUTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-83B-Foam  472200202-0024A	CRS 23-27 - ROOF - CR 27 SOUTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-83B-Silver Paint  472200202-0024B	CRS 23-27 - ROOF - CR 27 SOUTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Blue Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-83B-Shingle  472200202-0024C	CRS 23-27 - ROOF - CR 27 SOUTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Non-Fibrous Homogeneous	20% Cellulose 10% Glass	70% Non-fibrous (Other)	None Detected
22YES-64-83B-Felt  472200202-0024D	CRS 23-27 - ROOF - CR 27 SOUTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected



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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-83C-Coating  472200202-0025	CRS 23-27 - ROOF - CR 25 NORTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-83C-Foam  472200202-0025A	CRS 23-27 - ROOF - CR 25 NORTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-83C-Silver Paint  472200202-0025B	CRS 23-27 - ROOF - CR 25 NORTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-83C-Shingle  472200202-0025C	CRS 23-27 - ROOF - CR 25 NORTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Non-Fibrous Homogeneous	10% Cellulose 5% Glass	80% Matrix 5% Non-fibrous (Other)	None Detected
22YES-64-83C-Felt  472200202-0025D	CRS 23-27 - ROOF - CR 25 NORTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	30% Cellulose	60% Matrix 10% Non-fibrous (Other)	None Detected
22YES-64-83D-Coating  472200202-0026	CRS 23-27 - ROOF - CR 24 NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-83D-Foam  472200202-0026A	CRS 23-27 - ROOF - CR 24 NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-83D-Silver Paint  472200202-0026B	CRS 23-27 - ROOF - CR 24 NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile

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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-83D-Shingle 472200202-0026C	CRS 23-27 - ROOF - CR 24 NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Non-Fibrous Homogeneous	20% Cellulose	60% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-83D-Felt 472200202-0026D	CRS 23-27 - ROOF - CR 24 NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	30% Cellulose	60% Matrix 10% Non-fibrous (Other)	None Detected
22YES-64-84A-Coating 472200202-0027	CRS 17-22 - ROOF - CR 17 - SOUTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84A-Foam 472200202-0027A	CRS 17-22 - ROOF - CR 17 - SOUTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84A-Silver Paint 472200202-0027B	CRS 17-22 - ROOF - CR 17 - SOUTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-84A-Shingle 472200202-0027C	CRS 17-22 - ROOF - CR 17 - SOUTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
22YES-64-84A-Felt 472200202-0027D	CRS 17-22 - ROOF - CR 17 - SOUTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
22YES-64-84B-Coating 472200202-0028	CRS 17-22 - ROOF - CR 19 NORTH SIDE EAST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected



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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-84B-Foam  472200202-0028A	CRS 17-22 - ROOF - CR 19 NORTH SIDE EAST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84B-Silver Paint  472200202-0028B	CRS 17-22 - ROOF - CR 19 NORTH SIDE EAST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-84B-Shingle  472200202-0028C	CRS 17-22 - ROOF - CR 19 NORTH SIDE EAST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	10% Cellulose 10% Glass	80% Non-fibrous (Other)	None Detected
22YES-64-84B-Felt  472200202-0028D	CRS 17-22 - ROOF - CR 19 NORTH SIDE EAST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
22YES-64-84C-Coating  472200202-0029	CRS 17-22 - ROOF - CR 20 - NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84C-Foam  472200202-0029A	CRS 17-22 - ROOF - CR 20 - NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84C-Silver Paint  472200202-0029B	CRS 17-22 - ROOF - CR 20 - NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-84C-Shingle  472200202-0029C	CRS 17-22 - ROOF - CR 20 - NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Non-Fibrous Homogeneous	10% Cellulose 5% Glass	80% Matrix 5% Non-fibrous (Other)	None Detected



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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-84C-Felt  472200202-0029D	CRS 17-22 - ROOF - CR 20 - NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	40% Cellulose	40% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84D-Coating  472200202-0030	CRS 17-22 - ROOF - CR 21 SOUTH SIDE CENTER - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84D-Foam  472200202-0030A	CRS 17-22 - ROOF - CR 21 SOUTH SIDE CENTER - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84D-Silver Paint  472200202-0030B	CRS 17-22 - ROOF - CR 21 SOUTH SIDE CENTER - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-84D-Shingle  472200202-0030C	CRS 17-22 - ROOF - CR 21 SOUTH SIDE CENTER - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Non-Fibrous Homogeneous	20% Cellulose	60% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84D-Felt  472200202-0030D	CRS 17-22 - ROOF - CR 21 SOUTH SIDE CENTER - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	40% Cellulose	40% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-85A-Coating  472200202-0031	COVERED WALKWAY SOUTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected



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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-85A-Foam  472200202-0031A	COVERED WALKWAY SOUTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-85A-Silver Paint  472200202-0031B	COVERED WALKWAY SOUTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-85A-Roofing  472200202-0031C	COVERED WALKWAY SOUTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	Black Non-Fibrous Homogeneous	20% Cellulose	60% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-85A-Felt  472200202-0031D	COVERED WALKWAY SOUTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	Black Fibrous Homogeneous	20% Cellulose	40% Matrix 20% Non-fibrous (Other)	20% Chrysotile
22YES-64-85B-Coating  472200202-0032	COVERED WALKWAY NORTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected





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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-85B-Foam  472200202-0032A	COVERED WALKWAY NORTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-85B-Silver Paint  472200202-0032B	COVERED WALKWAY NORTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-85B-Roofing  472200202-0032C	COVERED WALKWAY NORTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	Black Non-Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
22YES-64-85B-Felt  472200202-0032D	COVERED WALKWAY NORTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	Black Fibrous Homogeneous		60% Matrix 20% Non-fibrous (Other)	20% Chrysotile
22YES-64-86A  472200202-0033	CHILLER YARD - NORTH CENTER - ON PIPE STRAIGHT NEAR TANK - FIBERGLASS INSULATION PAPER/FOIL JACKETED	Brown Fibrous Homogeneous	95% Glass	5% Non-fibrous (Other)	None Detected
22YES-64-86B  472200202-0034	CHILLER YARD - NW CORNER - ON PIPE AT TANK - FIBERGLASS INSULATION PAPER/FOIL JACKETED	Tan/Yellow Fibrous Homogeneous	5% Cellulose 90% Glass	5% Non-fibrous (Other)	None Detected



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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-87A  472200202-0035	CHILLER YARD - CENTER ON VALVE NEXT TO BOOSTER PUMP - MASTIC - BLACK/GREY	Black Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
22YES-64-88A  472200202-0036	CHILLER YARD - CENTER AT BOOSTER PUMP ONLY - MUDDERED END	White Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
22YES-64-90A  472200202-0037	CHILLER YARD - DEBRIS PILE AT DOUBLE DOORS - INSULATION BLANKET - FIBERGLASS WITH CLOTH & VINYL JACKETING	Gray/Tan/White Fibrous Homogeneous	99% Glass	1% Non-fibrous (Other)	None Detected
22YES-64-82C-Silver Paint  472200202-0038	CRS 17-27 - ROOF - CR 19 CENTER ON 3" PIPE - MASTIC - BLACK/GREY - FOAMED OVER SILVER PAINT	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-82C-Mastic  472200202-0038A	CRS 17-27 - ROOF - CR 19 CENTER ON 3" PIPE - MASTIC - BLACK/GREY - FOAMED OVER SILVER PAINT	Black Non-Fibrous Homogeneous		80% Matrix 15% Non-fibrous (Other)	5% Chrysotile
22YES-64-82D-Silver Paint  472200202-0039	CRS 17-27 - ROOF - CR 17 NORTH SIDE WEST END ON 2" PIPE - MASTIC - BLACK/GREY - FOAMED OVER SILVER PAINT	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-82D-Mastic  472200202-0039A	CRS 17-27 - ROOF - CR 17 NORTH SIDE WEST END ON 2" PIPE - MASTIC - BLACK/GREY - FOAMED OVER SILVER PAINT	Black Non-Fibrous Homogeneous		80% Matrix 15% Non-fibrous (Other)	5% Chrysotile
22YES-64-89A  472200202-0040	MB - CR 12 STORAGE AREA - SOUTH SIDE WEST END - SANDWICHED VAPOR BARRIER - BLACK	Gray Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
22YES-64-89B  472200202-0041	MB - CR 2 - SOUTH SIDE EAST END - SANDWICHED VAPOR BARRIER - BLACK	Black Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
22YES-64-89C  472200202-0042	MB - HR OFFICE - HALLWAY BETWEEN ROOMS - SANDWICHED VAPOR BARRIER - BLACK	Black Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected

Initial report from: 11/18/2022 13:23:08



# EMSL Analytical, Inc.

3501 Thomas Road, Unit 9 Santa Clara, CA 95054

Tel/Fax: (408) 913-2714 / (408) 913-2715

<http://www.EMSL.com> / [santaclaralab@EMSL.com](mailto:santaclaralab@EMSL.com)

EMSL Order: 472200202  
Page 183 of 198

Customer ID: YWEL75

Customer PO:

Project ID:

Analyst(s)

*Aimee Hartwig (42)*

*Jonathan Nomura (53)*

Jonathan Nomura, Laboratory Manager  
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Santa Clara, CA NVLAP Lab Code 600318-0

Initial report from: 11/18/2022 13:23:08



**YES Environmental, Inc.**

#322313084 Page 184 of 198

1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	5/16/2023	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA Testing
Job Site Name & Description	Horse Mann ES – MOD Inspection		
Submitted By	Kristy Yowell <i>(Signature)</i>	Date	5/17/2023
Received By	Annette McKissack <i>(Signature)</i>	Date	05/18/23 945

SAMPLE ID	1 <sup>st</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-92A	DRYWALL, ORANGE PEEL TEXTURE
	RM 28 – NORTHSIDE CENTER
22YES-64-92B	DRYWALL, ORANGE PEEL TEXTURE
	RM 29 – SOUTHEAST CORNER
22YES-64-93A	LAY-IN PANELS 2'X4' LARGE FISSURE PINHOLE
	RM 28 – NORTHSIDE CENTER
22YES-64-94A	FIBERGLASS BATT INSULATION PAPER JACKETED
	RM 28 – NORTHSIDE CENTER
22YES-64-95A	ACOUSTIC CEILING TILE - 12" UNIFORM HOLE (NAILED)
	R2-R4 – STAFF LOUNGE – SOUTHWEST CORNER
22YES-64-96A	UNFINISHED DRYWALL WITH TACKBOARD GLUE
	B2 – EAST WALL
22YES-64-97A	LAY-IN PANELS 2'X4' FIBERGLASS ORANGE PEEL PATTERN
	B1 – WEST WALL
22YES-64-98A	UNFINISHED DRYWALL WITH TACKBOARD GLUE
	B7 – WEST WALL
22YES-64-99A	LAY-IN PANELS 2'X4' FIBERGLASS ORANGE PEEL PATTERN
	B5 – EAST SIDE
22YES-64-100A	LAY-IN PANELS 2'X4' DRYWALL VINYL JACKETED
	R9 – RESTROOM PORTABLE - CENTER



# YES Environmental, Inc.

#322313084 Page 185 of 198

1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	5/16/2023	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA Testing
Job Site Name & Description	Horace Mann ES – MOD Inspection		
Submitted By	Kristy Yowell	Date	5/17/2023
Received By	Annette McKissack (E&C)	Date	05/18/23 945

SAMPLE ID	1 <sup>st</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-101A	UNFINISHED DRYWALL WITH FRP GLUE
	R9 – RESTROOM PORTABLE – WEST WALL CENTER
22YES-64-102A	LAY-IN PANELS 2'X4' FISSURE PINHOLE
	B19 – EAST SIDE CENTER
22YES-64-103A	UNFINISHED DRYWALL WITH TACKBOARD GLUE
	B19 – EAST SIDE CENTER
22YES-64-104A	EXTERIOR BLACK VAPOR BARRIER
	B19 – EAST WALL
22YES-64-105A	UNFINISHED DRYWALL WITH TACKBOARD GLUE
	B22 – WEST SIDE
22YES-64-106A	LAY-IN PANELS 2'X4' FISSURE PINHOLE
	B22 – WEST SIDE
22YES-64-107A	UNFINISHED DRYWALL WITH TACKBOARD GLUE
	B12 – NORTH SIDE CENTER
22YES-64-108A	LAY-IN PANELS 2'X4' FIBERGLASS ORANGE PEEL PATTERN
	B12 – NORTH SIDE CENTER
22YES-64-109A	UNFINISHED DRYWALL WITH TACKBOARD GLUE
	R25 – CONFERENCE ROOM – NORTH SIDE CENTER
22YES-64-110A	LAY-IN PANELS 2'X4' FISSURE PINHOLE
	R25 – CONFERENCE ROOM – NORTH SIDE CENTER



**YES Environmental, Inc.**

1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	5/16/2023	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA Testing
Job Site Name & Description	<i>Horace</i> Mann ES – MOD Inspection		
Submitted By	Kristy Yowell <i>[Signature]</i>	Date	5/17/2023
Received By	<i>Annette McKissack (Efx)</i>	Date	05/18/23 945

SAMPLE ID	1 <sup>st</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-111A	UNFINISHED DRYWALL WITH TACKBOARD GLUE
	ADMIN – SOUTHWEST AREA
22YES-64-112A	LAY-IN PANELS 2'X4' FIBERGLASS ORANGE PEEL PATTERN
	ADMIN – SOUTHWEST AREA



# LA Testing

520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982

<http://www.LATesting.com> / [pasadenalab@latesting.com](mailto:pasadenalab@latesting.com)

LA Testing Order: 322313084  
Page 187 of 198

Customer ID: YWEL75

Customer PO:

Project ID:

**Attention:** Kristy Yowell  
YES Environmental, Inc.  
1201 24th Street, Suite B110-377  
Bakersfield, CA 93301

**Phone:** (661) 477-4662

**Fax:**

**Received Date:** 05/18/2023 9:45 AM

**Analysis Date:** 05/22/2023

**Collected Date:** 05/17/2023

**Project:** 22YES-64 Bakersfield City School District Horace Mann ES - MOD Inspection

## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-92A-Texture 322313084-0001	Rm 28 - northside center - Drywall, orange peel texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-92A-Drywall 322313084-0001A	Rm 28 - northside center - Drywall, orange peel texture	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-92B-Texture 322313084-0002	Rm 29 - southeast corner - Drywall, orange peel texture	White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-92B-Drywall 322313084-0002A	Rm 29 - southeast corner - Drywall, orange peel texture	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-93A 322313084-0003	Rm 28 - northside center - Lay-in panels 2'x4' large fissure pinhole	Gray/White Fibrous Homogeneous	35% Cellulose 15% Min. Wool	10% Perlite 40% Non-fibrous (Other)	None Detected
22YES-64-94A-Insulation 322313084-0004	Rm 28 - northside center - Fiberglass batt unsualtion paper jacketed	White/Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-94A-Paper Jacketed 322313084-0004A	Rm 28 - northside center - Fiberglass batt unsualtion paper jacketed	Brown Fibrous Homogeneous	45% Cellulose	55% Non-fibrous (Other)	None Detected
22YES-64-94A-Mastic Like 322313084-0004B	Rm 28 - northside center - Fiberglass batt unsualtion paper jacketed	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-95A 322313084-0005	R2-R4 - staff lounge - southwest corner - Acoustic ceiling tile - 12" uniform hole (nailed)	Brown/White Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
22YES-64-96A-Drywall 322313084-0006	B2 - east wall - Unfinished drywall with tackboard glue	Brown/White Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
22YES-64-96A-Glue 322313084-0006A	B2 - east wall - Unfinished drywall with tackboard glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-97A-Fiberglass 322313084-0007	B1 - west wall - Lay-in panels 2'x4' fiberglass orange peel pattern	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-97A-Peel Pattern 322313084-0007A	B1 - west wall - Lay-in panels 2'x4' fiberglass orange peel pattern	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-98A-Drywall 322313084-0008	B7 - west wall - Unfinished drywall with tackboard glue	Brown/White Non-Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected

Initial report from: 05/22/2023 14:01:37



# LA Testing

520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982

<http://www.LATesting.com> / [pasadenalab@latesting.com](mailto:pasadenalab@latesting.com)

LA Testing Order: 322313084  
Page 188 of 198

Customer ID: YWEL75

Customer PO:

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-98A-Glue 322313084-0008A	B7 - west wall - Unfinished drywall with tackboard glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-99A-Fiberglass 322313084-0009	B5 - east side - Lay-in panels 2'x4' fiberglass orange peel pattern	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-99A-Peel Pattern 322313084-0009A	B5 - east side - Lay-in panels 2'x4' fiberglass orange peel pattern	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-100A 322313084-0010	R9 - restroom portable - center - Lay-in panels 2'x4' drywall vinyl jacketed	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
22YES-64-101A-Drywall 322313084-0011	R9 - restroom portable - west wall center - Unfinished drywall with frp glue	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-101A-Glue 322313084-0011A	R9 - restroom portable - west wall center - Unfinished drywall with frp glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-102A 322313084-0012	B19 - east side center - Lay-in panels 2'x4' fissure pinhole	White/Beige Fibrous Heterogeneous	40% Cellulose 25% Min. Wool	20% Perlite 15% Non-fibrous (Other)	None Detected
22YES-64-103A-Drywall 322313084-0013	B19 - east side center - Unfinished drywall with tackboard glue	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-103A-Glue 322313084-0013A	B19 - east side center - Unfinished drywall with tackboard glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-104A 322313084-0014	B19 - east wall - Exterior black vapor barrier	Brown/Black Fibrous Homogeneous	65% Cellulose	35% Non-fibrous (Other)	None Detected
22YES-64-105A-Drywall 322313084-0015	B22 - west side - Unfinished drywall with tackboard glue	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-105A-Glue 322313084-0015A	B22 - west side - Unfinished drywall with tackboard glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-105A-Insulation 322313084-0015B	B22 - west side - Unfinished drywall with tackboard glue	White/Beige Fibrous Homogeneous	95% Glass	5% Non-fibrous (Other)	None Detected
22YES-64-106A 322313084-0016	B12 - north side center - Lay-in panels 2'x4' fissure pinhole	Gray/White Fibrous Homogeneous	40% Cellulose 10% Min. Wool	10% Perlite 40% Non-fibrous (Other)	None Detected
22YES-64-107A-Drywall 322313084-0017	B12 - north isde center - Unfinished drywall with tackboard glue	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
22YES-64-107A-Glue 322313084-0017A	B12 - north isde center - Unfinished drywall with tackboard glue	Yellow/Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected





# LA Testing

520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982

<http://www.LATesting.com> / [pasadenalab@latesting.com](mailto:pasadenalab@latesting.com)

LA Testing Order: 322313084  
Page 189 of 198

Customer ID: YWEL75

Customer PO:

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-108A-Fiberglass 322313084-0018	B12 - north side center - Lay-in panels 2'x4' fiberglass orange peel pattern	White/Yellow Fibrous Heterogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-108A-Peel Pattern 322313084-0018A	B12 - north side center - Lay-in panels 2'x4' fiberglass orange peel pattern	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-109A-Drywall 322313084-0019	R25 - conference room - north side center - Unfinished drywall with tackboard glue	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-109A-Glue 322313084-0019A	R25 - conference room - north side center - Unfinished drywall with tackboard glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-110A 322313084-0020	R25 - conference room - north side center - Lay-in panels 2'x4' fissure pinhole	White/Beige Fibrous Heterogeneous	40% Cellulose 25% Min. Wool	20% Perlite 15% Non-fibrous (Other)	None Detected
22YES-64-111A-Drywall 322313084-0021	Admin - southwest area - Unfinished drywall with tackboard glue	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
22YES-64-111A-Glue 322313084-0021A	Admin - southwest area - Unfinished drywall with tackboard glue	Yellow/Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-112A-Fiberglass 322313084-0022	Admin - southwest area - Lay-in panels 2'x4' fiberglass orange peel pattern	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-112A-Peel Pattern 322313084-0022A	Admin - southwest area - Lay-in panels 2'x4' fiberglass orange peel pattern	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Caleb Elquezabal (18)

Tania Lopez (21)

Jerry Drapala Ph.D, Laboratory Manager  
or Other Approved Signatory

LA Testing maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by LA Testing. LA Testing bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore LA Testing recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Initial report from: 05/22/2023 14:01:37



Attachment D – Consultant & Laboratory Certifications

DEPARTMENT OF INDUSTRIAL RELATIONS

**Division of Occupational Safety and Health-Asbestos Certification**

1750 Howe Avenue, Suite 460

Sacramento, CA 95825

(916) 574-2993 Office <http://www.dir.ca.gov/dosh/asbestos.html> [actu@dir.ca.gov](mailto:actu@dir.ca.gov)



903034500C

324

326

December 07, 2022

**Kristy L Yowell**  
**13708 Carpaccio Lane**  
**Bakersfield CA 93306**

Dear Certified Asbestos Consultant or Technician:

Enclosed is your certification card. **To maintain your certification, you must abide by the rules printed on the back of the certification card.**

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days before the expiration date shown on your card. [8 CCR 341.15(h)(1)].

Please hold and do not send copies of your required AHERA refresher renewal certificates to our office until you apply for renewal of your certification.

Certificates must be kept current if you are actively working as a CAC or CSST. The grace period is only for those who are not actively working as an asbestos consultant or site surveillance technician.

Please contact our office at the above address or email w any changes in your contact/ mailing information within 15 days of the change.

Sincerely,

*Eric Berg*

Eric Berg  
Deputy Chief of Health

Attachment: Certification Card

cc: File

Renewal – Card Attached





STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC HEALTH



# LEAD-RELATED CONSTRUCTION CERTIFICATE

**INDIVIDUAL:**



**Kristy Yowell**

**CERTIFICATE TYPE:**

Lead Inspector/Assessor

Lead Supervisor

**NUMBER:**

LRC-00004640

LRC-00004639

**EXPIRATION DATE:**

2/9/2024

2/9/2024

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at [www.cdph.ca.gov/programs/clppb](http://www.cdph.ca.gov/programs/clppb) or calling (800) 597-LEAD

DEPARTMENT OF INDUSTRIAL RELATIONS

**Division of Occupational Safety and Health-Asbestos Certification**

1750 Howe Avenue, Suite 460

Sacramento, CA 95825

(916) 574-2993 Office <http://www.dir.ca.gov/dosh/asbestos.html> [actu@dir.ca.gov](mailto:actu@dir.ca.gov)



201287047T

465

467

**YES Environmental Inc.  
Allen R. Evans  
1201 24th Street, Suite B110-377  
Bakersfield CA 93301**

**March 20, 2023**

Dear Certified Asbestos Consultant or Technician:

Enclosed is your certification card. **To maintain your certification, you must abide by the rules printed on the back of the certification card.**

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days before the expiration date shown on your card. [8 CCR 341.15(h)(1)].

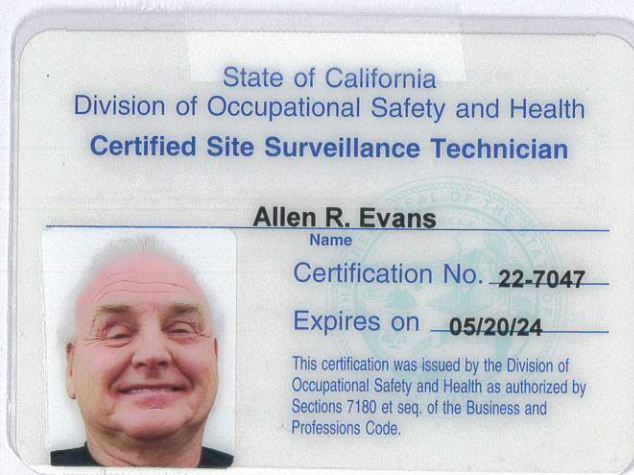
Please hold and do not send copies of your required AHERA refresher renewal certificates to our office until you apply for renewal of your certification.

Certificates must be kept current if you are actively working as a CAC or CSST. The grace period is only for those who are not actively working as an asbestos consultant or site surveillance technician.

Please contact our office at the above address or email w any changes in your contact/ mailing information within 15 days of the change.

Sincerely,

Kevin Graulich  
Principal Safety Engineer



Attachment: Certification Card

cc: File



STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC HEALTH



# LEAD-RELATED CONSTRUCTION CERTIFICATE

**INDIVIDUAL:**



**Allen Evans**

**CERTIFICATE TYPE:**

Lead Sampling Technician

**NUMBER:**

LRC-00010539

**EXPIRATION DATE:**

10/21/2023

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at [www.cdph.ca.gov/programs/clppb](http://www.cdph.ca.gov/programs/clppb) or calling (800) 597-LEAD

United States Department of Commerce  
National Institute of Standards and Technology



---

# Certificate of Accreditation to ISO/IEC 17025:2017

---

NVLAP LAB CODE: 200232-0

**LA Testing**  
South Pasadena, CA

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,  
listed on the Scope of Accreditation, for:*

## **Asbestos Fiber Analysis**

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

---

2022-07-01 through 2023-06-30

*Effective Dates*



A handwritten signature in black ink, appearing to read "Dana S. Haman".

---

*For the National Voluntary Laboratory Accreditation Program*

**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017**

**LA Testing**

520 Mission Street

South Pasadena, CA 91030

Mr. Jerry Drapala Ph.D.

Phone: (323) 254-9960 Fax: (323) 254-9982

Email: [jdrapala@latesting.com](mailto:jdrapala@latesting.com)

<http://www.latesting.com>

**ASBESTOS FIBER ANALYSIS**

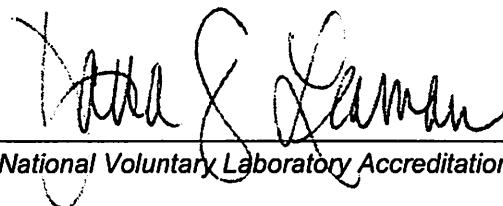
**NVLAP LAB CODE 200232-0**

**Bulk Asbestos Analysis**

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

**Airborne Asbestos Analysis**

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.



For the National Voluntary Laboratory Accreditation Program



United States Department of Commerce  
National Institute of Standards and Technology



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**Certificate of Accreditation to ISO/IEC 17025:2017**

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**NVLAP LAB CODE: 101048-3**

**EMSL Analytical, Inc.**  
San Leandro, CA

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,  
listed on the Scope of Accreditation, for:*

**Asbestos Fiber Analysis**

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

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2022-07-01 through 2023-06-30

*Effective Dates*



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*For the National Voluntary Laboratory Accreditation Program*

**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017**

**EMSL Analytical, Inc.**

464 McCormick St.  
San Leandro, CA 94577  
Cecilia Yu  
Phone: 510-895-3675  
Email: cyu@emsl.com  
http://www.emsl.com

**ASBESTOS FIBER ANALYSIS**

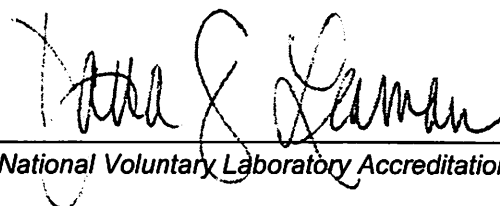
**NVLAP LAB CODE 101048-3**

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For the National Voluntary Laboratory Accreditation Program



**BCSD**

**ASBESTOS REMEDIATION SCOPE OF WORK  
(YES ENVIRONMENTAL, INC.; DATED MARCH 29, 2024)**



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

## ASBESTOS ABATEMENT SCOPE OF WORK

### Site Information:

Horace Mann Elementary School – HVAC Replacement  
2710 Niles Street, Bakersfield, CA 93305



### Prepared for:

Bakersfield City School District  
1300 Baker Street, Bakersfield, CA 93305  
(661) 631-5883

### Prepared by:

Kristy Yowell, CAC 09-4500 / CDPH 4640  
YES Environmental, Inc. (YES, Inc.)  
YES, Inc. Project Number 23YES-86  
March 29, 2024

This SOW should be printed in color.



# YES Environmental, Inc.

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## ASBESTOS SCOPE OF WORK

Horace Mann Elementary School – HVAC Replacement

### PURPOSE OF PROJECT

In order for Bakersfield City School District to install new HVAC systems, portions of buildings throughout campus have asbestos-containing materials and/or materials contaminated by asbestos that will either be removed or disturbed, and the work must be done using asbestos-safe work practices. The contractor is responsible for field verifying their own measurements for bidding, notification, waste characterization, or any other purpose.

This Scope of Work should be used in conjunction with all Federal, State and local codes. *The information provided in this section is intended to assist the contractor in determining the extent of work; however, this information does not replace or supersede any direction or description of work as presented in the plans and specifications for this project.* If YES, Inc.'s scope of work and the plans and specifications differ, the contractor shall be obliged to bring any discrepancies to the attention of the architect/owner's representative prior to bidding the project via submission of a request for information to the architect.

### PHASING

This is a phased project. The contractor shall refer to the plans and specifications for phasing information.

### MOBILIZATIONS

The contractor shall include in their bid cost for multiple mobilizations that will be requirements in order to coordinate necessary abatement and/or remediation activities with other trades, the District, and all other associated

### DAYS BY PHASE FOR ABATEMENT ACTIVITIES

The contractor is limited to the following number of days in order to complete abatement and remediation activities. This number of days does not include removal of containment.

- Phase 1 = 45 Business Days
- Phase 2 = 45 Business Days
- Phase 3 = 45 Business Days
- Phase 4 = 30 Business Days
- Phase 5 = 30 Business Days
- Total = 195 Days

### DEFINITIONS

- Abatement Activities: precleaning of jobsite, setup of containment/regulated area, removal of asbestos-containing materials and final cleaning inside containment/regulated area in preparation for post abatement clearance air sampling or completion of work visual.
- Asbestos-Containing: material containing any detectable amount of asbestos. Acronym ACM.
- Lead-Containing: material containing any detectable amount of lead. Acronym LCP or LBP.
- Remediation Activities: precleaning of jobsite, setup of containment/regulated area, removal or disturbance of any sort of lead-containing materials and final cleaning inside containment/regulated area in preparation for job completion visual inspection by consultant.
- Contractor: Remediation contractor, abatement contractor or any trade qualified to conduct the work described in this Scope of Work.
- Consultant: BCSD's environmental consultant.



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### ASBESTOS & LEAD LOCATIONS, CONTENT & TYPE

Please see the attached Inspection Report by Room (IRBR) following this scope of work for identification of materials suspect to contain asbestos that have been sampled by YES, Inc. If any materials other than those identified in this scope of work and IRBRs are discovered and may be disturbed, work must be stopped and the project must be re-evaluated.

Of the materials being removed or disturbed, the contractor shall then refer to YES, Inc.'s IRBRs, XRF report and Scope of Work to determine the specific materials that contain asbestos and/or lead and those that have been determined to be free of asbestos and/or lead.

**The IRBRs and XRF report do not denote materials to be removed; they report whether materials present contain asbestos and/or lead. Contractor should refer to the plans and specifications for abatement locations.**

### NOTIFICATIONS

The contractor shall be responsible for the submission of all notifications triggered by asbestos removal. This includes the renovation or demolition permit release form to San Joaquin Valley Air Pollution Control District and the Cal/OSHA Asbestos Notification.

### SUPERVISOR & WORKER TRAINING REQUIRED

Workers and supervisors disturbing asbestos shall have AHERA accredited training as asbestos workers or contractor supervisors. Any exceptions to these training requirements shall be submitted to the consultant and building owner representative for review and await on approval before commencing with disturbance of ACM.

### PRE-JOB SUBMITTAL REQUIREMENTS

A hard copy of the contractor's pre-job submittal packet shall be submitted to the consultant and:

1. Include all of the items listed in the attached Submittal Requirements;
2. Be provided to and approved by the consultant prior to the start of work by the contractor.
3. Manifests shall be submitted to the consultant on the first day of the project for review, and also for final approval prior to waste removal from the job site.
4. Double sided copies are not acceptable.
5. Delays in providing the required submittals may affect the start of the project.
6. Electronic submittals will not be accepted.

### OTHER CONSIDERATIONS

Item	District Provided	Contractor Must Provide	Not Applicable / Required
Water	X		
Power	X		
Removal of Items to be saved	X		
Removal & Disposal of Items Remaining in Work Area		X	
Safety & Security of Equipment		X	
On-site challenge testing of HEPA filtered equipment within 5 calendar days of the start of the job		X	



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## SOFT DEMOLITION REQUIREMENTS

The contractor shall perform all soft demolition requirements prior to the commencement of containment setup. All components such as, but not limited to, cabinetry and walls shall be removed to expose any potentially concealed asbestos-containing materials prior to the start of abatement. However, if the removal of any of these components may disturb ACM, they shall be removed after containment and negative pressure are established and approved by the consultant. In addition, should the contractor discover any concealed ACM, they shall immediately bring it to the attention of the consultant and owner representative who will confirm the material and quantity. The agreed upon quantity and type of material(s) shall be recorded on the contractor's daily paperwork on the day it is discovered.

## LAYERS OF ROOFING

The contractor is responsible for removal of all roofing layers down to the wood or metal substrate regardless of asbestos content, unless otherwise noted in the Scope of Work. Where it is unknown how many layers of roofing materials exist, it must be assumed that there are multiple roofing material layers present. The contractor may, upon request and approval by the client, collect core samples of any roof to be removed for the purpose of determining its depth and structure. If coring is conducted, it is the responsibility of the contractor to repair the areas affected to industry standards using non-asbestos materials.

## LAYERS OF FLOORING

The contractor is responsible for removal of all flooring layers down to the original hardwood floor regardless of asbestos content, unless otherwise noted in the project's plans and specifications. Where it is unknown how many layers of flooring materials exist, it must be assumed that there are at least five layers of flooring materials layers present. The contractor may, upon request and approval by the client, collect core samples of any floors to be removed for the purpose of determining its depth and structure. If coring is conducted, it is the responsibility of the contractor to repair the areas affected to industry standards using non-asbestos materials.

## IMPERMEABLE BARRIERS

The contractor is responsible to construct impermeable barriers inside buildings M1-M3 at the start of each phase in that building. The location(s) of the barriers will change based on the phase. Contractor shall refer to the phasing schedule for this information. The barriers constructed shall meet the following requirements:

1. The frame and wall of the barrier shall be sturdy and reinforced to withstand:
  - a. The negative pressure during remediation activities.
  - b. Anticipated wear and tear from students.
  - c. Inadvertent disturbance caused by daily site maintenance and custodial activities.
  - d. Prevent unauthorized entry such as, but not limited to, burglary, crime, theft, etc.
2. The side of the barrier facing the construction zone shall be sealed with:
  - a. 6-mil Flame retardant polyethylene sheeting.
  - b. Duct tape covering all seams, joints and junctions.
3. The side of the barrier facing the occupied portion of the building:
  - a. Have a finish material that resembles a finished surface such as drywall.
  - b. Painted finish coat.
  - c. Shall not have any exposed construction hazards that could cause harm to occupants. This includes, but is not limited to, nails, screws, wood splinters, etc.

## INCLEMENT WEATHER

Roof abatement shall be planned and scheduled when there are favorable weather conditions, such as when there is a forecast for "clear skies" and no rain for three or more days. The contractor shall remove only that amount of roofing material that can be re-roofed or covered and secured from weather on the same work day. Work may be halted at the discretion of the onsite project manager if wind conditions occur, which can or does cause removed roofing materials to be blown off the roof area or beyond the designated removal area. All roofing work shall be coordinated to allow other trades to work at the same time as long as their work is located in areas where contamination cannot occur.



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## ALLOWABLE FORMS OF COMMUNICATION

The contractor shall establish a means of communication between the supervisor and workers inside the containment/regulated area which includes two-way radios or equivalent. At no time will yelling, whistling or banging on containment, walls or on the decontamination chambers be allowed as a form of communication.

## OCCUPANCY

The building will be unoccupied in the areas where abatement is occurring. Other areas on campus, but outside of the abatement containment or regulated areas, may be occupied by staff, students, and other trades conducting work at this site.

## WASTE BIN/CONTAINERS

All bins/containers brought on-site to deposit waste into must be lockable or securable. Bins shall be secured at the end of every shift. Plywood shall be placed under the wheels of each bin to protect the existing surface. Bins must be double lined with 6-mil poly prior to waste being deposited. Containers must have the appropriate labels affixed on them as soon as any ACM debris is deposited.

## ASBESTOS CONTAINMENT/REGULATED AREA SETUP REQUIREMENTS

Containment setup requirements for all containments/regulated areas:

1. Buildings B, C, D, and E shall have no more than one containment constructed for purposes of interior abatement in each of the buildings. These containments shall use either an exterior poly tunnel to connect the various rooms or submit an alternative option to the consultant for review. Without receiving approval of any alternate option, the contractor shall build the containment to meet the requirements in this SOW.
2. Building M1 shall have no more than one containment constructed for purposes of interior abatement. This containment shall use either an interior poly tunnel to connect the various rooms or submit an alternative option to the consultant for review. Without receiving approval of any alternate option, the contractor shall build the containment to meet the requirements in this SOW.
3. Building M2 shall have no more than one containment constructed for purposes of interior abatement. This containment shall use either an interior poly tunnel to connect the various rooms or submit an alternative option to the consultant for review. Without receiving approval of any alternate option, the contractor shall build the containment to meet the requirements in this SOW.
4. Building M3 shall have no more than two containments constructed for purposes of interior abatement. These containments shall use either an interior poly tunnel to connect the various rooms or submit an alternative option to the consultant for review. Without receiving approval of any alternate option, the contractor shall build the containment to meet the requirements in this SOW.
5. Any other building's requiring containment for abatement will be addressed on a case-by-case basis by the consultant.
6. If the setup of the containments requires questionable installation, the district representative and consultant shall be asked in writing and approval must be given in writing prior to work being performed.
7. All containments shall be under full containment and negative pressure built in the most appropriate manner which meets or exceeds the requirements listed in this SOW and Cal/OSHA regulations.
8. The contractor shall exercise care during the construction and deconstruction of the required exterior poly tunnel. If products used to set up the tunnel or the interior containments leave a residue, the contractor shall be responsible for the removal of the residue immediately following receipt of the passing clearance air sampling results.
9. All poly used on this project shall be a minimum of 6-mil thickness and flame retardant (FR).
10. All interior containments shall have view windows installed at locations approved by the consultant.
11. All containments shall be built to accommodate the proper opening/closing function of the doors leading to each classroom. This includes ensuring any poly tunnel connecting the rooms to form containments are built in such a fashion the poly is not torn during the operation of the doors at the beginning and end of shifts.





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12. All critical barriers shall be sealed prior to any installation of poly on the floors, walls or ceilings. They shall be covered with at least one layer of 6-mil FR poly and sealed with duct tape or an equivalent. As ceilings and walls are abated, the contractor shall assure that any additional critical barriers discovered are sealed immediately. Should Class I work be required, the requirements of this section will be required to change to meet or exceed its regulatory requirements.
13. Anything left inside a room where abatement is required shall be covered with at least one layer of 6-mil FR poly and sealed with tape which will provide an adequate seal but not damage the component. At no time shall components which cannot be cleaned be left exposed inside containment/regulated area during abatement.
14. If exterior tunneling is used to create containments, cover floors in the tunnels connecting the rooms with a minimum of two layers of 6-mil polyethylene sheeting. A distance of at least four (4) feet between seams is sufficient. DO NOT locate any seams at wall/floor joints. Floor sheeting shall extend at least twelve inches (12") up the sidewalls of the tunnel. Plastic shall be sized to minimize seams. Sheeting shall be installed in a fashion so as to prevent slippage between successive layers of material.
15. For Cal/OSHA class II, III or IV work, each interior containment shall have at a minimum, a two-stage decontamination chamber setup which meets the following conditions:
  - Must be adjacent to the regulated area/containment for the decontamination of employees and their equipment used inside the regulated area/containment;
  - Shall be built large enough to accommodate all workers donning PPE without being able to be seen by staff, students, or anyone else walking by.
  - The chamber farthest away from the regulated area/containment shall be designed for employees to don PPE before entering the regulated area/containment; to don street clothes upon exiting the regulated area/containment; and storage of other necessary items of the employees which cannot enter the regulated area/containment.
  - The chamber most adjacent to the regulated area/containment shall be designed for the person exiting the regulated area/containment to use water, soap, and towels to decontaminate any part of their bodies and PPE such as their respirator.
  - Both chambers shall be of sufficient size to accommodate cleaning of equipment and removing PPE without the spreading of contamination beyond the area (as determined by visual accumulations).
16. All Class I containments shall have a three-stage decontamination chamber with an operational shower. The clean-room shall be built large enough to accommodate all workers donning PPE without being able to be seen by staff, students, or anyone else walking by.
17. Any floors requiring protection from being contaminated by asbestos during abatement shall be covered with two layers of 6-mil FR poly and shall extend at least 12" up the walls.
18. Any walls requiring protection from being contaminated by asbestos during abatement shall be covered with at least two layers of 6-mil FR poly.
19. The consultant must give final approval for containment/regulated area setups before abatement or disturbance of ACM commences.
20. All those entering the containment/regulated area must sign in on an entry/exit log that documents their entrance and exit times. This record is to also include lunch times and other breaks.
21. Containments shall be sufficient to prevent dust, debris and water from leaving the work area at all times. The contractor shall continually inspect the containment/regulated area for deficiencies or breaches. If any are discovered, all abatement activities shall halt immediately until the deficiencies are fixed or repaired satisfactorily. These incidents shall be reported to the consultant immediately.
22. Abatement shall not commence if waste bins are not onsite at the time abatement is ready to begin.
23. At no time shall asbestos-containing debris be allowed to remain exposed or accessible in waste bins at the end of shifts. The contractor shall locate their securable dumpster immediately adjacent to the containment/regulated area or as close as possible.
24. Setup for the removal of exterior materials shall consist of establishing a regulated area with asbestos caution/warning barrier tape that encompasses the entire work area where disturbance of the asbestos-containing materials will occur.



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25. A wash station which includes water, soap, and towels shall be set up and used for hygiene purposes and to prevent the tracking out of asbestos debris. This wash station shall be built large enough that it allows for all workers exiting the regulated area to properly decontaminate themselves and their equipment without being seen by anyone walking by.
26. At no time shall asbestos-containing materials be allowed to exit the containment/regulated area without being single wrapped in six-mil FR poly, or double bagged and placed in a double lined dumpster with 6-mil poly. All waste shall be properly labeled immediately upon exiting containment and prior to being deposited into the waste bin.

## WORKER PROTECTION

The contractor shall provide respiratory protection as outlined in current Cal/OSHA regulations. However, at a minimum:

1. During the removal and detail cleaning of flooring, flooring mastics, roofing, roofing mastics, transite and other various namely non-friable ACM workers shall wear at a minimum, half-face negative-pressure respirator with P-100 HEPA cartridges. Dual cartridges (P-100 & Organic Vapor) shall be utilized during mastic removal involving chemical stripping.
2. During the removal and detail cleaning of Class I materials, workers shall wear at a minimum, powered-air purifying respirators equipped with P-100 HEPA cartridges.
3. Quality disposable coveralls such as Tyvek-like suits shall be worn by all workers during all remediation activities on this project. Exceptions to this must be submitted to consultant in writing for review/approval.
4. Should personal air monitoring results not be received and provided to the consultant on the following week after being collected on the worker, the consultant reserves the right to require the workers to don PAPRs until personal air monitoring results are received.

## NEGATIVE PRESSURE & HEPA FILTERED EQUIPMENT REQUIREMENTS

1. Challenge testing is required on equipment using HEPA filters (see Other Considerations above). Units arriving dirty or appearing to be contaminated shall be removed from the project site. Units must be positioned in the standard upright manner in which the manufacturer designed the equipment to operate.
2. The contractor shall ensure that sufficient negative air units are used to create a minimum air pressure differential of -0.030" and recorded on a manometer. Negative air units shall run continuously until clearance has been achieved. All air filtration devices shall remain sealed when not functioning. All units shall discharge to the exterior of the building during abatement activities.
3. At the end of each shift, if containment cannot be secured while exhausting to the exterior of the building, the contractor shall put the negative air units in scrub mode overnight. At the beginning of each shift, the contractor shall re-establish negative pressure in each containment.

## ASBESTOS ABATEMENT PROCEDURES

Abatement procedures for all ACM on this project:

1. The contractor shall only remove the asbestos-containing plasters on the walls of the classrooms (as identified in the IRBR report) to 6" above where the new ceiling system will be installed. Immediately following the completion of limited abatement, the remaining plaster edges shall be sealed with a bridging encapsulant that applies wet and dries solid.
2. Contractor shall coordinate with consultant the abatement sequence for each phase prior to commencing abatement.
3. Wet all ACM with an amended water solution using equipment capable of providing a fine spray mist, in order to reduce airborne-fiber concentrations immediately prior to the material being disturbed and during disturbance. Garden hoses are prohibited on this project.
4. The contractor shall use the following product to remove the asbestos-containing mastic throughout: CHEMSAFE CLEAR. See attached Safety Data Sheet for product.
5. The ACM can be double bagged in poly bags. An acceptable alternative is disposal of ACM into a single poly bag which is placed into a leak-tight drum or burrito-wrapping for disposal.



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6. Bags and/or burrito-wrapped ACM should be securely sealed to prevent accidental opening and leakage by tying tops of bags in an overhand knot or by taping in gooseneck fashion.
7. Unless the roofing material is carried or passed to the ground by hand, it shall be lowered to the ground via covered, dust-tight chute, crane, or hoist. All waste shall be sufficiently wetted with amended water to prevent fiber release. If fiber release cannot be prevented, then the chute and bin must be within a negative pressure enclosure. **In no case shall roofing materials be dropped or thrown into bins or dumpsters from the roof.**
8. The abated roof area shall be HEPA vacuumed after roofing materials have been removed. Particular attention shall be directed at gaps between the wood members and in the rain gutters.
9. Any component contaminated by ACM and is non-porous (cleanable) shall be brought to the consultant for approval. Contingent upon approval of the component being non-porous, the contractor may setup a cleaning area for these components that is separate from the non-cleanable items. Immediately following the cleanable items being cleaned, the contractor shall notify the consultant of this activity and request a visual inspection for cleanliness. Following the receipt of a passing visual inspection from the consultant, the component may then be passed out of containment and discarded as construction debris or saved for the district to reuse.
10. Contractor shall generate only as much debris as they can bag and deposit into a waste bin at the end of an 8-hour shift.
11. After completion of all stripping work, surfaces from which asbestos-containing materials have been removed shall be wet-wiped or cleaned by some equivalent method to remove all visible residue. If it is quicker and more cost effective to discard the entire component as ACM, contractor must submit for approval prior to the job commencing to the consultant and building owner.
12. Asbestos-contaminated waste that has been containerized shall be transported out of the work area through the worker decontamination enclosure or through an approved pass-out arrangement.

## PROHIBITED WORK PRACTICES

1. Uncontrolled releases. This is cause for stopping the project until modified work practices and containment that prevent these releases from occurring are designed and implemented.
2. Dry removal or dry disturbance of any kind.
3. Wet methods do not include the use of garden hoses.
4. Mechanical tools without HEPA vacuum attachment and HEPA vacuum properly attached according to manufacturer recommendation.
5. Bead blasting.
6. Bulk loading.

## COMPLETION OF ASBESTOS ABATEMENT & CLEARANCE AIR SAMPLES

1. After final cleaning of any interior containment of a building intended to be reoccupied has been completed, a visual clearance inspection shall be performed by the consultant. Contractor personnel shall be present and available to address any deficiencies in cleaning. On the business day following visual clearance of the containment, a set of five clearance air samples shall be collected to be analyzed by Transmission Electron Microscopy (TEM) or Phase Contrast Microscopy (PCM).
2. Final clearance for re-occupancy using the TEM shall be contingent upon meeting AHERA criteria for response action completion of an average of 70 structures per square millimeter (70 s/mm<sup>2</sup>) or less for the 5 samples collected inside the containment (40 CFR 763, Appendix A). In the event clearance air samples do not meet this re-occupancy criteria, the contractor shall be responsible for re-cleaning failed areas, and for costs associated with collection and analysis of additional clearance air samples (\$1,400/per set of clearances) in accordance with the sampling protocol described above.
3. Where PCM clearance criteria is used, final clearance for re-occupancy shall be contingent upon meeting AHERA criteria for response action completion when the results of the samples collected show that the concentration of fibers for each of the five samples is less than or equal to a limit of quantitation for PCM (0.01 fibers per cubic centimeter (0.01 f/cm<sup>3</sup>) of air).



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4. After final cleaning of any exterior containment has been completed, a visual clearance inspection shall be performed by the consultant. The consultant will inspect work areas for visual signs of dust and debris related to the disturbance of asbestos. All surface areas must be clean. Residual dust, of any nature, that was generated on this project and found within or immediately outside the regulated area/containment, will be assumed to contain asbestos and must be re-cleaned. A passing visual inspection performed by the consultant on exterior containments/regulated areas will determine completion of work.

## **PERSONAL AIR MONITORING RESULTS FOR WORKERS**

The contractor shall promptly post and provide a copy of worker personal air monitoring results in compliance with Cal/OSHA requirements to the consultant. Results of worker air monitoring shall be turned in to the consultant each Tuesday for the previous week air samples.

## **ASBESTOS DISPOSAL**

Non-asbestos containing materials which are removed from containment before any asbestos-containing materials are disturbed, may be discarded as construction debris.

Non-friable ACM or materials contaminated by non-friable ACM removed by non-mechanical or hand methods shall be discarded as non-friable, non-hazardous asbestos-containing waste and manifested accordingly. ACM waste with less than 1% asbestos shall be discarded as non-friable, non-hazardous asbestos-containing waste and manifested accordingly.

Friable ACM, materials contaminated by friable ACM, and non-friable materials removed by mechanical means shall be discarded as friable, hazardous asbestos-containing waste and manifested.

The contractor shall notify the consultant and the District representative at least **24** hours in advance of when the manifest must be signed.

## **Attachments:**

- A. Submittal Requirements
- B. Safety Data Sheets for Chemsafe Clear
- C. Asbestos Inspection Report by Room



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## Attachment A – Submittal Requirements

### Asbestos Submittal Requirements

Note: not all of the items listed below are applicable for every project. Only the items applicable are required to be included in the submittal packet.

#### **Prestart Submittals**

1. Contractor's license(s)
  - a. CSLB license with asbestos certification
2. DOSH registration
3. Notifications
  - a. Appropriate local EPA enforcement agency for the job site location.
  - b. Cal/OSHA asbestos notification
  - c. Equipment rented
    - i. Proof the rental company has been made aware the rented equipment will be used for asbestos related work.
4. Site specific safety/emergency plan
  - a. This must include, but is not limited to, the nearest hospital's phone number and address;
  - b. Local police department phone number and address;
  - c. Title, name and phone number of the contractor's contact whom should be contacted in the event of an emergency.
5. Contractor worker documentation for all workers on-site
  - a. Proof of AHERA training
  - b. Proof of Medical approval to wear a respirator
  - c. Respirator fit test
6. Contractor's respiratory protection program
7. Challenge testing certificates
8. Negative exposure assessment (if requesting to don lesser PPE than specified in the SOW)
9. Safety data sheets for all hazardous materials (as defined by Cal/OSHA)
10. Waste Disposal
  - a. Paperwork for landfill proving the landfill will accept the waste
  - b. Proof of licensed waste hauler and company for hazardous waste
  - c. Waste characterization of lead waste
  - d. Manifest for all types of waste to be generated

#### **Submittals Required During the Project**

1. Daily copies
  - a. Safety meeting (if held daily)
  - b. Worker roster of all employees onsite – regardless of training
  - c. Entry/exit log for employees entering/exiting containment/regulated area
  - d. HEPA filter change log
2. Weekly
  - a. Safety meeting
  - b. Worker personal air monitoring
  - c. Area air monitoring

#### **Submittals Required at the Conclusion of the Project**

1. Contractor air monitoring & laboratory results (refer to the SOW for required frequency)
2. Any other paperwork as requested by the Consultant or Building Owner



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## **Attachment B – Safety Data Sheet**

ISSUE DATE: 1/15/1990

REVISION DATE: 4/15/2015

**1. PRODUCT AND COMPANY IDENTIFICATION****GHS PRODUCT IDENTIFIER:**

TRADE NAME; CHEMSAFE CLEAR (CARB COMPLIANT)

**OTHER MEANS OF IDENTIFICATION:****RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE:**

RECOMMENDED USE: Mastic Removal

**SUPPLIER'S DETAILS:**

1480 GRANDVIEW AVE.  
THOROFARE, NJ 08086  
(800)767-6933

**EMERGENCY PHONE NUMBER:**

COMPANY PHONE NUMBER: (800)767-6933

(24HR) EMERGENCY NUMBER: CHEM-TREC (800)424-9300

**2. HAZARD IDENTIFICATION****GHS CLASSIFICATION:**

GHS CLASSIFICATION SCALE: 1=SEVERE HAZARD, 4=SLIGHT HAZARD)

ASPIRATION HAZARD  
SERIOUS EYE DAMAGE IRRITATION

CATEGORY 1  
CATEGORY 2A

**LABEL ELEMENTS:****SIGNAL WORD: DANGER****HAZARD STATEMENTS:**

Causes serious eye irritation  
May be fatal if swallowed and enters airways

**HAZARD SYMBOLS:****PRECAUTIONARY STATEMENTS:**

Keep out of reach of children  
 Wash hands, face and all exposed skin areas after handling.  
 Wear protective gloves/protective clothing/eye protection/face protection

**PRECAUTIONARY STATEMENTS (RESPONSE):**

IF SWALLOWED: Immediately call a poison center or doctor or physician. Do not induce vomiting.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

**PRECAUTIONARY STATEMENTS (STORAGE):**

Store locked up.

**PRECAUTIONARY STATEMENTS (DISPOSAL):**

Dispose of contents/container to an approved waste disposal plant in accordance with applicable local/regional/national and international regulations and product characteristics at time of disposal.

**OTHER HAZARDS:**

Repeated or prolonged exposure can cause skin dryness or cracking.

### 3. COMPOSITION INFORMATION ON INGREDIENTS

INGREDIENT IDENTITY	CAS NUMBER	PERCENTAGE
DISTILLATES, PETROLEUM HYDROTREATED, LIGHT	64742-47-8	PROPRIETARY
BUTOXYDIGLYCOL	112-34-5	PROPRIETARY

REMAINING INGREDIENTS ARE NOT REPORTABLE UNDER OSHA/SDS GUIDELINES. THE EXACT PERCENTAGES OF SOME INGREDIENTS HAVE BEEN WITHHELD AS (CBI) CONFIDENTIAL BUSINESS INFORMATION TRADE SECRET.

### 4. FIRST AID MEASURES

INGESTION: If swallowed, wash out mouth with water. Do not induce vomiting, this product is an aspiration hazard. If spontaneous vomiting occurs, keep head below hips to prevent aspiration of liquid into the lung. Never give anything by mouth to an unconscious person.



**SKIN CONTACT:** Remove contaminated clothing. Wash with soap and plenty of water for 15 minutes. Wash contaminated clothing before reuse. If irritation occurs get medical advice.

**INHALATION:** Move individual away from exposure and into fresh air. If breathing is irregular or stopped, administer artificial respiration. In case of shortness of breath, give oxygen. Call a physician immediately.

**EYE CONTACT:** Rinse cautiously with water for several minutes. Remove contact lenses if easy to do. Continue rinsing. If eye irritation persists, get medical attention/advice.

### **Most Important Symptoms and Effects, Acute and Delayed**

**INGESTION:** Symptoms may include diarrhea, gastric pain, and vomiting.

**SKIN CONTACT:** Symptoms may include redness, dryness and cracking of skin.

**INHALATION:** Not expected; however, symptoms may include irritation of respiratory tract and/or CNS symptoms such as dizziness, confusion, drowsiness or fatigue.

**EYE CONTACT:** Symptoms may include stinging, tearing, redness and blurred vision.

### **Indication of immediate medical attention and special treatment needed, if necessary.**

Treat Symptomatically.

## **5. FIRE FIGHTING MEASURES**

**Suitable extinguishing media:** Use fire extinguishers suitable for surrounding fire, possibly consisting of water spray, dry chemical, carbon dioxide, or foam.

**Unsuitable extinguishing media-** Do not use water jet.

**Specific hazards arising from the chemical:** In a fire or if heated, a pressure increase will occur and the container may burst. Material will burn in a fire. Flash point is over 200F. Material will emulsify and not directly float with water spray and emulsion could aid in not exacerbating fire.

**Hazardous thermal decomposition products:** carbon monoxide and CO<sub>2</sub>

**Special protective actions for fire-fighters:** Keep product containers and surrounding areas cool with water spray. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters:** Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## **6. ACCIDENTAL RELEASE MEASURES**

### **Personal precautions, protective equipment and emergency procedures:**

**For non-emergency personnel:** No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Avoid breathing vapor or mists. Put on appropriate personal protective equipment. Wear appropriate respirator when ventilation is inadequate.

**For emergency responders:** If specialized clothing is required to deal with the spillage, take note of information in section 8 for further information. See also information in non-emergency personnel above.

**Environmental precautions:** Avoid dispersal of spilled material with soil, waterways, drains and sewers. See section 12 for additional ecological information.

### **Methods and materials for containment and cleaning up.**

**Small spill:** Stop leak if without risk. Move containers from the spill area. Absorb with an inert dry non combustible material such as diatomaceous earth or vermiculite and place in an appropriate waste disposal container. Mop any remaining residues with soap and water and dispose of wastes via a licensed waste disposal contractor according to federal, state and local regulations.

**Large spill:** Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, drains, water courses and confined areas. Wash spillages into an effluent treatment plant or absorb with an inert dry non combustible material such as diatomaceous earth or vermiculite and place in a appropriate waste disposal containers. Mop any remaining residues with soap and water and dispose of wastes via a licensed waste disposal contractor according to federal, state and local regulations.

## **7. HANDLING AND STORAGE**

### **Precautions for Safe Handling:**

**Safe Handling Advice:** Utilize appropriate personal protective equipment when handling product. Do not swallow. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mists. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container and tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. No smoking. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection and face protection during use. Emptied containers can contain product residues and remain hazardous. Do not reuse, flame cut, braze or weld container and observe all sds information around empty containers and dispose of in accordance with federal, state and local regulations.

**Advice on general occupational hygiene:** Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also section 8 for additional hygiene information.

### **Conditions for safe storage including any incompatibilities:**

Store in original container in a dry, cool and well ventilated area away from strong oxidizing agents (see section 10) and food and drink. Store locked up. Eliminate all ignition sources. Keep container tightly closed when not in use. Do not store in unlabeled containers.

**8. EXPOSURE CONTROLS/ PERSONAL PROTECTION**

<u>Control Parameters</u>	<u>Occupational Exposure Limits</u>		
<u>Ingredient Identity</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>NIOSH IDLH</u>
Butoxydiglycol	112-34-5	TWA 10ppm	

Distillates, Petroleum TWA:skin absorption 200mg/m<sup>3</sup> (as total hydrocarbon vapor) 8 hours  
Hydrotreated, Light 64742-47-8

**Appropriate Engineering Controls**

**Engineering Controls:** Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants and air concentrations below occupational exposure standards.

**Individual protection measures, such as personal protective equipment. (PPE)**

**Eye/Face Protection:** Wear approved tightly sealed safety goggles

**Skin & Body Protection:** Wear chemical resistant, impervious gloves at all times when handling chemical products. Check during use that gloves are still retaining their impervious properties, as the time for breakthrough can change from different manufacturers and chemical mixtures cannot always be accurately measured. Appropriate footwear and suitable protective clothing should be worn for the degree and risk of exposure.

**Respiratory Protection:** If workplace exposure limits of product or any component is exceeded, utilize proper respiratory protection program guidelines (see OSHA 1910.134 and American National Standard ANSI Z88.2) Use a properly fitted NIOSH/MSHA air-purifying or air-fed respirator in compliance with the above mentioned standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: clear liquid  
Odor: near odorless  
Odor threshold: not available  
pH: not applicable  
Melting Point/Freezing Point: -56F  
Initial Boiling Point/Range: 344F-473F  
Flash Pt: >200F lowest ingredient, does not sustain combustion  
Evaporation Rate: <1 (butyl acetate=1)  
Lower explosive limits: .6% Aliphatic Solvent  
Upper explosive limits: 5.5% Aliphatic Solvent  
Vapor Pressure: meets CARB guidelines  
Vapor Density: 4.5-5 (air=1)  
Relative Density: .84  
Solubility in water: Emulsifies  
Partition coefficient: not applicable  
Auto ignition temp: >428F  
Decomposition Temp: not available  
Viscosity: pourable liquid

**10. STABILITY AND REACTIVITY**

Reactivity: Stable in normal ambient temperature and pressure

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: not under normal conditions of storage and use.

Conditions to Avoid: Open flames, sparks

Incompatible Materials: Oxidizing materials

Hazardous Decomposition Products: Carbon monoxide and Carbon Dioxide

**11. TOXICOLOGICAL INFORMATION**

**Acute toxicity: Not classified,**

**Skin corrosion irritation: not classified,**

**Serious Eye damage: classified, Category 2, Causes serious eye irritation, Butoxydiglycol 112-34-5**

**Sensitization: Not classified,**

**Mutagenicity: Not classified,**

**Carcinogenicity: Not classified**

**Reproductive Toxicity: Not Classified**

**Teratogenicity: Not Available**

**Specific target Organ Toxicity (single exposure)**

**Not classified**

**Specific target Organ Toxicity (repeated exposure):**

**Not classified**

**Aspiration Hazard:**

**Distillate petroleum hydrotreated, light 64742-47-8 , Aspiration Hazard Category 1**

**Information on the likely routes of exposure:****Ingestion:** May be harmful if swallowed. May be fatal if swallowed and enters airways.**Inhalation:** Do not breathe vapors or mists.**Skin:** May be harmful in contact with skin.**Eye:** Causes serious eye irritation**Symptoms related to the physical, chemical and toxicological characteristics****Ingestion:** See section iv, most important symptoms and effects, acute and delayed.**Inhalation:** See section iv, most important symptoms and effects, acute and delayed.**Skin:** See section iv, most important symptoms and effects, acute and delayed.**Eye:** See section iv, most important symptoms and effects, acute and delayed.**Delayed and immediate effects and also chronic effects from short and long term exposure.**

General: Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis

Carcinogenicity: no known significant effects or critical hazards. Not classifiable.

**Numerical measures of Toxicity**

Not Available

**12. ECOLOGICAL INFORMATION****Toxicity:**

<u>Ingredient name</u>	<u>Result</u>	<u>Species</u>	<u>Exposure</u>
Distillate Petroleum, Hydrotreated, light	Chronic NOEL 0.48 mg/l	Daphnia	21 days

**Persistence and degradability:**Distillate Petroleum: Biodegradability-inherent  
Hydrotreated

Butoxydiglycol 112-34-5: readily biodegradable

**Bioaccumulation Potential:**

Not expected to bioaccumulate

**Mobility in Soil:**

No data

**Other adverse Effects:**

No known significant effects or critical hazards

**13. DISPOSAL CONSIDERATIONS**

Dispose in accordance with applicable federal, state and local regulations.

**14. TRANSPORTATION INFORMATION**

**DOT:** NOT REGULATED  
**IATA:** NOT REGULATED  
**IMDG:** NOT REGULATED

**15. REGULATORY INFORMATION**

**U.S. FEDERAL REGULATIONS:** All ingredients are listed or exempted with TSCA.

SARA 302/304: no products were found.

SARA 311/312: acute health hazard

Ingredient	%	FIRE HAZARD	PRESSURE RELEASE	REACTIVE	IMMEDIATE ACUTE	DELAYED CHRONIC
Distillate Petroleum, Hydrotreated	80-95	YES	NO	NO	NO	NO
Butoxydiglycol 112-34-5	PROPRIETARY				YES	YES

SARA 313: butoxydiglycol, <12%

STATE REGULATIONS:

Ingredient	New York	New Jersey	Massachusetts	Pennsylvania
Distillate Petroleum Hydrotreated. 64742-47-8	No	No	No	No
Butoxydiglycol 112-34-5	No	Yes	Yes	yes

California Prop 65: none known

**16. OTHER INFORMATION**

HMIS RATING: HEALTH (1) FIRE (1) REACTIVITY (0)  
 4=EXTREME, 3=HIGH, 2=MODERATE, 1=SLIGHT, 0=INSIGNIFICANT

**NOTICE TO READER:**

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. The information on this sds was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Users are advised to confirm in advance of need, that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the sds. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.



# YES Environmental, Inc.

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## **Attachment C – Initial Asbestos & Lead Inspection Report**



**SUMMARY OF COMPREHENSIVE ASBESTOS, LEAD, PCB,  
MERCURY & FLUORESCENT LIGHT TUBE INSPECTION  
FINDINGS**

**Site Information:**

Horace Mann ES – MOD Inspection  
2710 Niles Street, Bakersfield, CA 93306



**Prepared for:**

Mr. Robert Van Tassel, Supervisor – School Planning & Construction  
Bakersfield City School District  
1300 Baker Street, Bakersfield, CA 93305  
(661) 631-5883

**Prepared by:**

Kristy Yowell, CAC 09-4500 / CDPH No. LRC-00004640  
YES Environmental, Inc.  
YES, Inc. Project Number 22YES-64  
June 2023





## Purpose of Inspection

Bakersfield City School District (BCSD) contacted YES, Inc. to request an asbestos, lead, PCB, mercury and fluorescent light tube survey of the following buildings at Horace Mann Elementary School located at 2710 Niles Street, Bakersfield, CA:

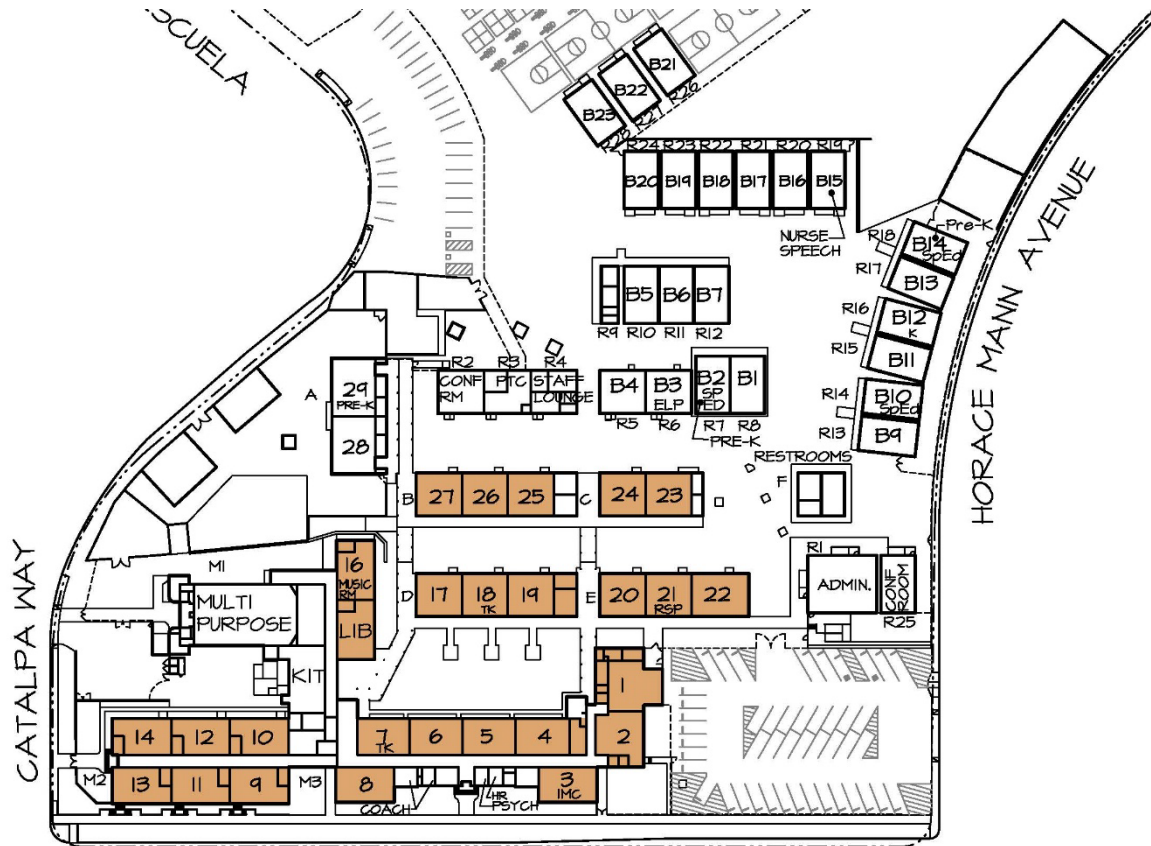
- Main Building M2 & M3 – Classrooms 1-14 including all hallways, connected offices, accessory rooms, and restrooms. Comprehensive inspection of all interiors and exteriors.
- Main Building – Library and Room 16 including adjacent hallway and accessory rooms. Comprehensive inspection of all interiors and exteriors.
- Building B – Classrooms 25-27 including all hallways, connected offices, accessory rooms, and restrooms. Comprehensive inspection of all interiors and exteriors.
- Building C – Classrooms 23-24 including all hallways, connected offices, accessory rooms, and restrooms. Comprehensive inspection of all interiors and exteriors
- Building D – Classrooms 17-19 including all hallways, connected offices, accessory rooms, and restrooms. Comprehensive inspection of all interiors and exteriors
- Building E – Classrooms 20-22 including all hallways, connected offices, accessory rooms, and restrooms. Comprehensive inspection of all interiors and exteriors
- The following buildings had limited interior and exterior inspections performed for fire alarm upgrade purposes. Per BCSD's scope the devices and conduits will likely be mounted on or penetrate upper interior walls, ceiling and attics. On the exterior the devices and conduits will likely be mounted or penetrate upper walls.
  - All rooms throughout Multi-Purpose Building M1
  - All rooms throughout relocatable Admin Building R1
  - All rooms throughout relocatable Conference Building R25
  - All rooms throughout Restroom Building F
  - All rooms throughout Building A (28-29)
  - All rooms throughout relocatable Buildings B1-B7 & B9-B23
  - All rooms throughout relocatable Buildings R2-R4
  - All rooms throughout relocatable Restroom Building R9

YES, Inc. performed the inspection over the course of several months, beginning in November 2022 and concluding in May 2023. The inspection was performed by Ms. Kristy Yowell who is a Cal/OSHA certified asbestos consultant and a CDPH certified lead inspector and risk assessor. Ms. Yowell was assisted by Mr. Allen Evans who is a Cal/OSHA certified Site Surveillance Technician and a CDPH certified lead sampling technician. A copy of their certifications is included in this report.



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820



NILES STREET  
HORACE MANN ELEMENTARY  
2710 NILES ST.  
631-5360  
AREA = 516,100 SQ. FT.  
OR 11.85 ACRES

REMOVE PERMANENT ROOMS FROM CHILLER SYSTEM. INSTALL NEW INDIVIDUAL WALL OR ROOF UNIT



**SITE PLAN**  
**10-11-21**



## **Regulatory Review**

The asbestos and lead surveys were performed in compliance with the following regulations:

- EPA NESHAP regulation 40 CFR Part 61 Subpart M
- EPA AHERA regulation 40 CFR Part 76
- Cal/OSHA lead in construction regulation Title 8 CCR 1532.1

The local enforcement office for the EPA NESHAP regulation, also known as San Joaquin Valley Air Pollution Control District (SJVAPCD), requires asbestos inspections of buildings and regulated structures to be performed prior to renovation or demolition activities, regardless of the age of the building or material(s) planned to be disturbed. This survey has met this requirement. Should the building owner opt to proceed with the removal or disturbance of the asbestos-containing materials discussed below (if any), notification to SJVAPCD and a 10-day waiting period may be required. Please contact YES, Inc. consulting firm prior to proceeding with work to determine the applicability of notification requirements.

EPA AHERA regulation determines the sampling protocol in K-12 public and non-profit private schools. The sampling protocols of this regulation were followed. AHERA also requires schools to add this inspection information to their existing Asbestos Management Plan. A copy of this report should be added to the main record in the District Office and a copy should be also retained on-site at the school. Since your District is a member of Self-Insured Schools of California (SISC), they should be notified of this inspection activity in order to update their copy of your school's asbestos management plan. Their office can be reached at (661) 636-4710.

Cal/OSHA requires an inspection of materials suspect to contain asbestos and lead prior to work commencing in order to protect workers who will be working directly with or around asbestos or lead-containing materials. Should the building owner proceed with any disturbance of the materials (in any amount), a copy of this report should be provided to all contractors involved. Note: there are other notifications that may be required in order to comply with this regulation. Please contact YES, Inc. consulting firm before proceeding with work to determine the applicability of such notifications. The lead portion of this survey is being performed in order for the contractor to comply with Title 8 CCR section 1532.1 in order to protect the workers performing disturbance of these materials.



### **Asbestos Inspection Protocol**

Each building, as described above, was inspected and suspect materials were categorized into homogenous areas and sampled accordingly. Samples were collected by misting the material being sampled with water, then drilling, scraping, hammering or chiseling from the substrate. Whenever possible, samples were collected from areas previously damaged or deteriorating. Each sample was placed in its own plastic sample bag, sealed, and labeled with a unique identification number. Sampling tools were individually cleaned before and after each sample was collected to avoid sample cross contamination.

The samples collected were recorded on YES, Inc.'s chain-of-custody form which accompanied them to the laboratory for analysis. The samples were shipped via Federal Express to either EMSL Analytical, Inc. or LA Testing, Inc., who are both NVLAP, ELAP and AIHA accredited laboratory in California. The samples submitted to be analyzed for asbestos content were analyzed using polarized light microscopy (PLM) with dispersion staining.

The complete list of materials tested for asbestos content and their locations, please refer to the attached Inspection Report by Room.

### **NESHAP – San Joaquin Valley Air Pollution Control District Definitions**

Category I non-friable asbestos-containing material (ACM) means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than 1 percent asbestos.

Category II non-friable ACM means any non-friable material, excluding Category I non-friable ACM, containing more than 1 percent asbestos.

Regulated asbestos-containing material (RACM) means (a) Friable asbestos material, (b) Category I nonfriable ACM that has become friable, (c) Category I nonfriable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or (d) Category II nonfriable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations regulated by this subpart.

### **Asbestos Conflicting Laboratory Results**

The EPA has a specific protocol for sampling suspect asbestos building materials. Multiple samples are typically recommended (in some cases required) to increase the statistical reliability of the results and to minimize the potential for field or laboratory error. Sometimes, multiple samples representing a particular material will yield both positive and negative results. When this happens, the negative sample result(s) are superseded by the positive results. Once a single positive sample is identified, the material represented by the sampling is treated as an asbestos-containing material.

However, if additional sampling data, as-built plans, or other reliable data can adequately explain or confirm that area(s) which tested positive are different (not homogenous) from areas tested negative, this information can be used to more accurately quantify ACM and define the scope of an asbestos abatement job.



## Lead Inspection Protocol

### Paint Analysis by XRF Spectrum Analyzer

The painted and/or coated surfaces were tested for lead content in the field using a Viken Pb200 X-Ray fluorescence (XRF) spectrum analyzer. Materials tested in specific areas are representative of homogeneous materials located in other project areas. Verification of calibration of the XRF was performed prior to, during (if appropriate – required every four hours), and immediately following testing.

If a paint is not listed in the report or has not been bulk sampled to verify a negative result (0.00 mg/cm<sup>2</sup>), it must be presumed to contain lead, and handled as such until proven lead free.

None of the paints on this campus were bulk sampled and must be presumed to contain lead.

Types of Lead Materials			
Types	Definition	Lead Content Standard	
LBP	Lead-based paint, coating or material	By XRF:	1.0 mg/cm <sup>2</sup> or greater
		By Paint Chip:	0.5 wt%; or 5,000 ppm
LCP	Lead-containing paint, coating or material	By XRF:	<1.0 mg/cm <sup>2</sup>
		By Paint Chip:	<0.5 wt%; or 5,000 ppm
ND	No lead detected	By XRF:	Requires paint chip confirmation
		By Paint Chip:	<limit of detection

## Summary of XRF Findings

Material Description	Locations See XRF table for specific testing information	Lead Type & Result
<b>Interior</b> paint – grey & dark blue on wood cabinetry  XRF Line #s: 6 & 131	Throughout Main Building 1-16	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> paint – grey on all wood door components including, but not limited to, doors, frames, jambs, trims, stops, etc.  XRF Line #s: 25, 72-73, 80 & 101	Throughout Main Building 1-16	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> paint – grey on all wood window components including, but not limited to, windows, sills, jams, skirt, frames, etc.  XRF Line #s: 32, 76, 82, 104 & 128-129	Throughout Main Building 1-16	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> ceramic wall tile – various colors & sizes  XRF Line #s: 41 & 107	Restrooms throughout Main Building 1-16	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> paint – cream on all wood baseboards  XRF Line #s: 64, 69 & 91	Throughout Main Building 1-16	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> paint – cream on all plaster walls  XRF Line #s: 65-68, 98-99 & 119	Throughout the East Main Building 1-8 and all rooms in between and adjacent	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Exterior</b> paint – cream on all wood window components including, but not limited to, windows, troughs, sills, jams, skirt, frames, etc.  XRF Line #s: 50-51 & 141	Throughout Main Building 1-16	LBP ≥1.00 mg/cm <sup>2</sup>



Material Description	Locations See XRF table for specific testing information	Lead Type & Result
<b>Exterior</b> paint – green on all wood door components including, but not limited to, doors, frames, jambs, trims, stops, etc.  XRF Line #s: 53-54 & 138	Throughout Main Building 1-16	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> white porcelain sinks  XRF Line #s: 146 & 214	Throughout Building D (17-19), Building E (20-22), Building C (23-24), and Building B (25-27)	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior &amp; Exterior</b> vertical metal window posts painted grey  XRF Line #s: 153, 160, 173, 184, 195, 209, 222 & 234	Throughout Building D (17-19), Building E (20-22), Building C (23-24), and Building B (25-27)	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> paint – grey on all wood door components including, but not limited to, doors, frames, jambs, trims, stops, etc.  XRF Line #: 158	Throughout Building D (17-19), Building E (20-22), Building C (23-24), and Building B (25-27)	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Interior</b> ceramic wall tile – various colors & sizes  XRF Line #s: 41 & 107	Throughout Building D (17-19), Building E (20-22), Building C (23-24), and Building B (25-27)	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Exterior</b> white porcelain drinking fountains  XRF Line #: 166	Throughout Building D (17-19), Building E (20-22), Building C (23-24), and Building B (25-27)	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Exterior</b> wood window sills painted cream  XRF Line #s: 171, 220, 232, 241 & 243	Throughout Building D (17-19), Building E (20-22), Building C (23-24), and Building B (25-27)	LBP ≥1.00 mg/cm <sup>2</sup>
<b>Exterior</b> vertical metal posts painted green  XRF Line #s: 245 & 248	Covered Walkways that run north to south between 20 & 24 and 19 & 25	LBP ≥1.00 mg/cm <sup>2</sup>
All other painted components on campus – interior and exterior	Throughout the buildings inspected	LCP 0.00-0.99 mg/cm <sup>2</sup>

### Additional Lead Information

Contractors, whose employees work at this site, are required to assess if their work will be subject to the requirements of the Cal/OSHA lead construction standard (CCR Title 8 § 1532.1). Cal/OSHA standards are designed to regulate and enforce on-the-job worker safety. Employers are required by law to ensure that employees are not exposed to airborne lead levels which exceed the permissible exposure limit (PEL). The standard requires worker exposure monitoring, medical surveillance, training, special work practices, etc.

Each contractor/employer who bids and/or performs work at the site will need to assess potential lead exposure to employees performing their particular scope of work. Contractors who perform work at this site may need to obtain additional data (beyond the data presented in this report) during their assessment and Cal/OSHA compliance planning. Individual contractors/subcontractors should be allowed access to the project to obtain any needed data (samples, consultation, etc.) to complete their employee exposure assessment.

Any work performed at the site where LBP or LCP is likely to be disturbed should be performed



by a contractor trained and qualified to perform lead-related construction work. Any work that exceeds Cal/OSHA's permissible exposure limit or is performed to remediate a lead hazard must be conducted by CDPH certified personnel.

### **FLUORESCENT LIGHT TUBES / PCB BALLASTS / MERCURY THERMOSTATS**

During the inspection YES, Inc. observed most every room has mercury vapor fluorescent light tubes, and ballasts that may contain polychlorinated biphenyls (PCBs).

No mercury-containing switches or thermostats were observed.

### **DISCLAIMERS**

The nature of renovation/demolition is such that materials can be uncovered which previously were unknown to exist. Therefore, YES, Inc. cannot be responsible for "hidden materials", although reasonable efforts were made during the inspection to detect all suspect materials. If any materials other than those included in this report and/or its attachments are discovered during renovation/demolition, it must be assumed that the materials are asbestos and/or lead-containing, and the project should then be halted and re-evaluated. This inspection and testing performed by YES, Inc. reflect the environment and structure only at the time and location the investigation was undertaken.

This report has been prepared for the exclusive use of YES, Inc.'s client and is not intended for use by any other party. Any use of this report by a third party shall be at their own risk and shall constitute release and an agreement to defend and indemnify YES, Inc. from any and all liability in connection therewith.

This report does not assess or anticipate future events that may impact or damage asbestos, or lead materials. Future changes in the condition of ACM or LBP may require a new assessment by a certified asbestos consultant and certified lead inspector/risk assessor. This report is not a work plan or project specification.

### **FURTHER RECOMMENDATIONS**

YES, Inc. recommends that the building owner disseminate this report to all prospective contractors bidding work at the subject site to assist them in identifying the materials tested for asbestos and/or lead-containing materials. Project design and oversight by a consultant is recommended to ensure the project is performed safely and legally during the removal and disturbance of asbestos or lead components or materials.



Thank you for using YES, Inc. for your consulting needs. We look forward to working together in the future.

Sincerely,

*Kristy Yowell*

Kristy Yowell, President,  
CA Asbestos Consultant No. 09-4500 / CA Dept. of Public Health I/RA No. LRC-00004640

Attachments    A – Asbestos Inspection Report by Room & Maps  
                      B – Lead XRF Report, CDPH Form 8552 & Maps  
                      C – Chain of Custodies & Laboratory Reports  
                      D – YES, Inc. Certifications & Laboratory Accreditations





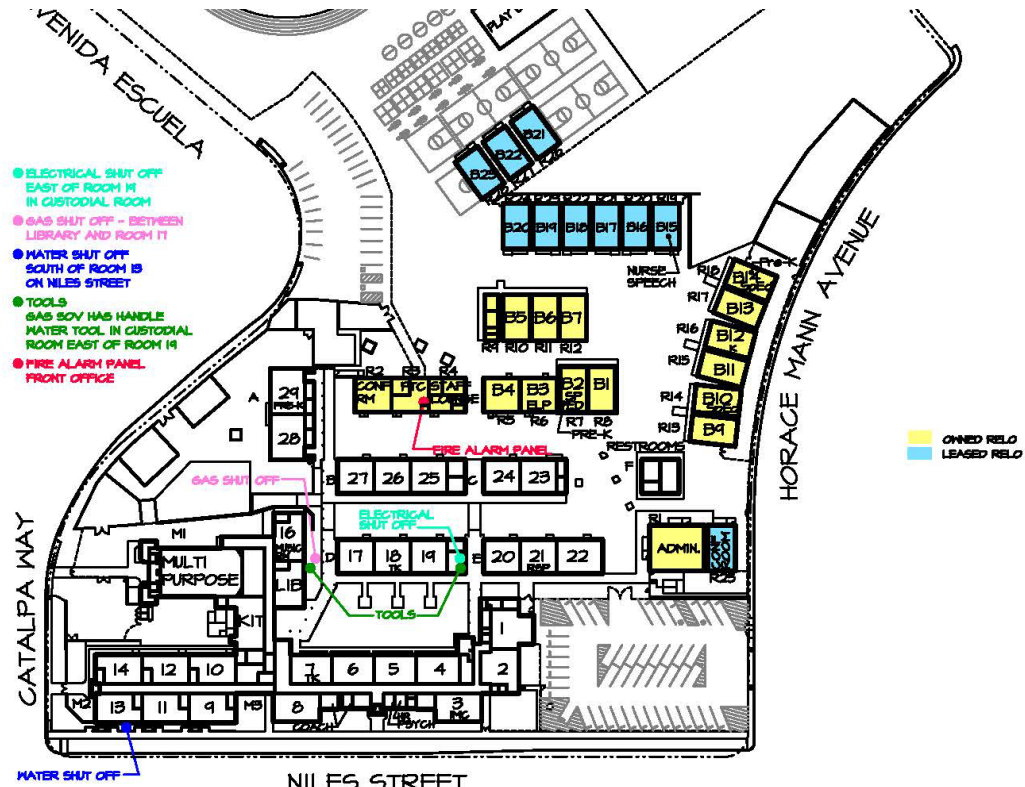
1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

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Attachment A – Asbestos Inspection Report by Room & Maps



Bakersfield City School District  
Horace Mann ES – 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 – January 2023



MATER SHUT OFF SOUTH OF ROOM 15 ON NILES STREET

GAS SHUT OFF - BETWEEN LIBRARY AND ROOM 17

ELECTRICAL SHUT OFF EAST OF ROOM 14 IN CUSTODIAL ROOM

TOOLS GAS SOV HAS HANDLE WATER TOOL IN CUSTODIAL ROOM EAST OF ROOM 14

FIRE ALARM PANEL FRONT OFFICE

OWNED RELO

LEASED RELO

CATALPA WAY

VENIDA ESCUELA

NILES STREET

HORACE MANN AVENUE

HORACE MANN ELEMENTARY  
2710 NILES STREET  
631-5360

AREA = 516,100 SQ. FT.  
OR 11.85 ACRES

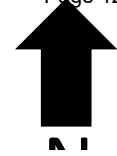


### SITE PLAN

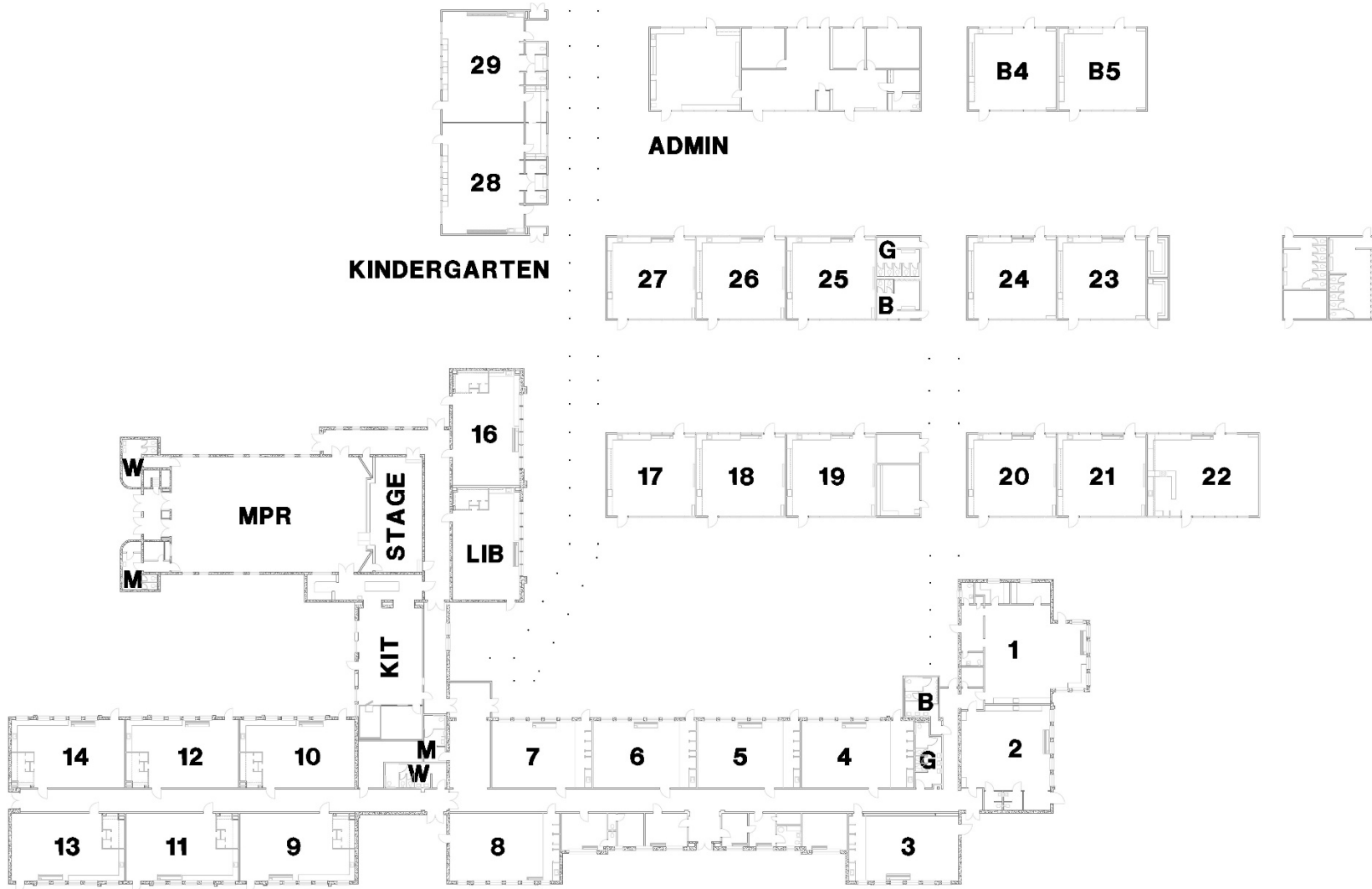
11-17-21

SCALE: 1"=150'

Not Drawn to Scale



Bakersfield City School District  
Horace Mann ES – 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 – January 2023

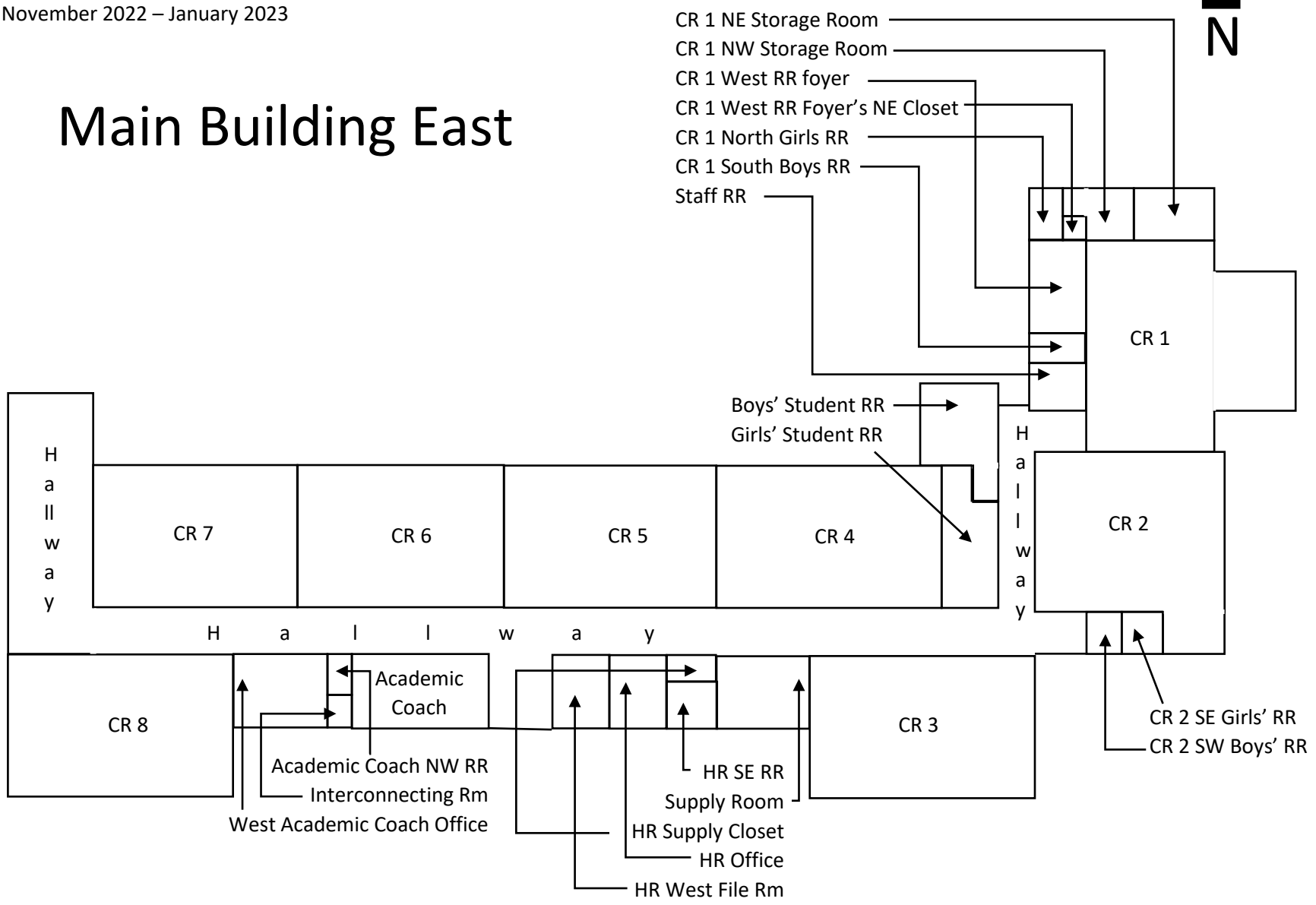


Not Drawn to Scale

Bakersfield City School District  
Horace Mann ES – 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 – January 2023



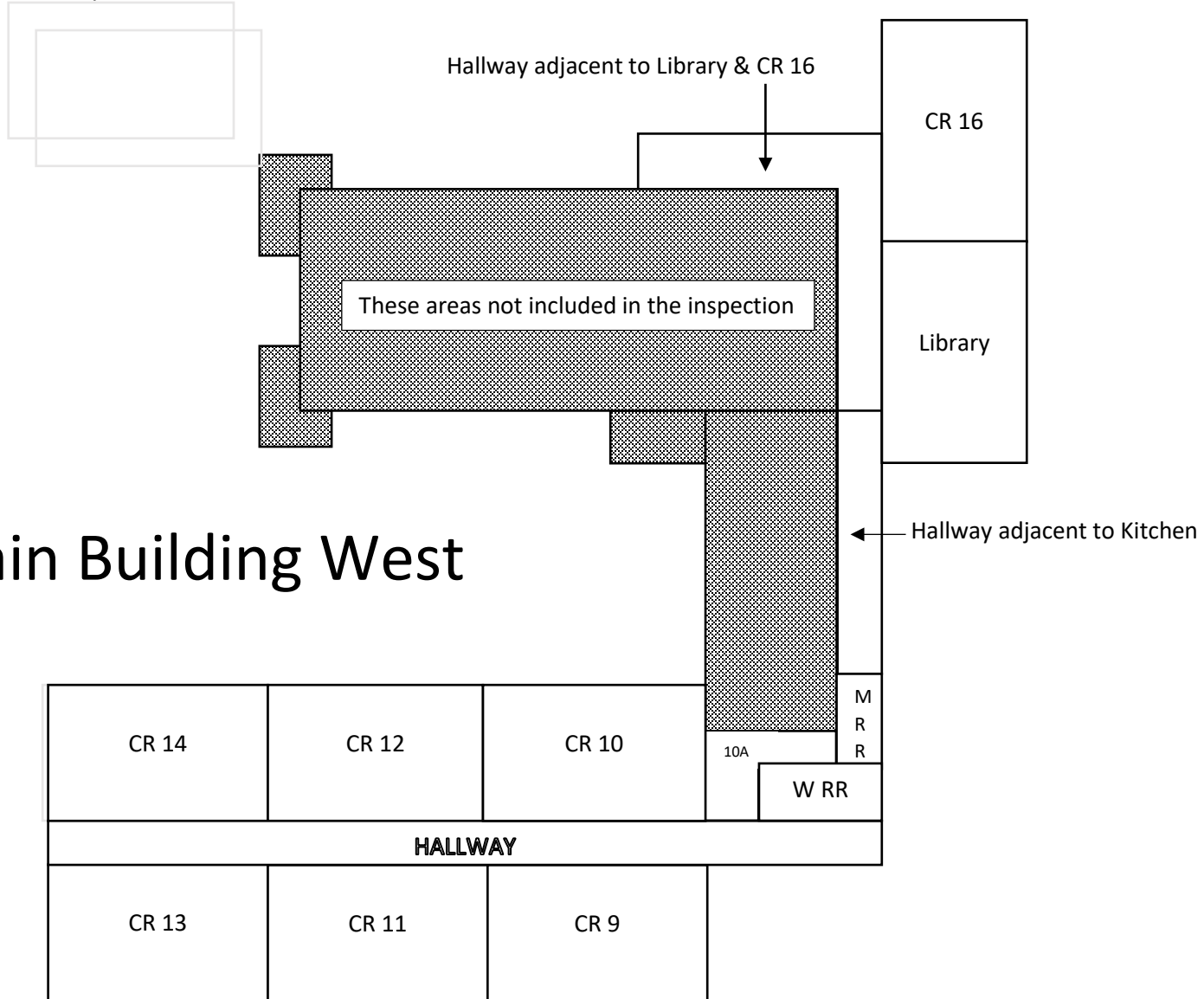
# Main Building East



Not Drawn to Scale



Bakersfield City School District  
Horace Mann ES – 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 – January 2023



# Main Building West

Not Drawn to Scale



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11.08.22

## Inspection Report

<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	Attic
<p><b>Attic is defined as: every enclosed spaced that is contiguous and/or beneath the roof, attic, void, and plenum space above every room in this building including, but not limited to, exterior enclosed eaves, enclosed hallways, walkways, corridors, wall cavities, etc. and all spaces beneath the roof and above ceilings that are or are not readily accessible.</b></p>			

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	-		Wood joists		n/a	n/a
Walls	14	14A	Brick & mortar		N	n/a
Walls	16	16A	Unfinished drywall (noT&J)		N	n/a
	NOTE		Seen inside the attic against walls near roof deck			
<b>Flue Pipes</b>	<b>15</b>		<b>Transite flue pipes - Known Asbestos Material</b>		<b>Y</b>	<b>N</b>
	NOTE		<b>2 pipes can be seen from attic access in CR 1 RR Foyer</b>			
Ceiling	-		Roof deck - 2x6 gap sheathing		n/a	n/a

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Main Building 1-14		Room Name:	Classroom 1		Rm Ft <sup>2</sup> :	1440
		Room Dimensions:		L=36	W=40	H=13		
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N		
Floor	1	01A	Carpet squares & glue - blue/grey striped	wood underlayment	N	n/a		
Floor	-		Wood underlayment	floor tile	n/a	n/a		
Floor	9	09A	Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N		
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND					
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a		
Floor	-		Wood diagonal sheathing	joists				
BB	2	02A	Baseboard & glue - 4" black	Wood	N	n/a		
BB	-		5" Wood		n/a	n/a		
Wall	3	03A	Plaster - sanded finish	wire mesh	N	n/a		
	NOTES		Most of the walls above 2-3'					
Wall	8		Plaster - smooth finish		N	n/a		
	NOTES		Most of the lower walls below 2-3'					
Counter Top	5	05A	Sheet vinyl & brown glue - lt beige mosaic pattern	Wood	N	n/a		
Sink	-		Porcelain		n/a	n/a		
Ceiling	7	07B	Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a		
Ceiling	6	06A	Fiberglass batt insulation paper jacketed	ACTS	N	n/a		
Ceiling	4	04A	Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a		
Ceiling	3	03B	Plaster - sanded finish	Gap Sheathing	N	n/a		

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> CR 1 - NE Storage Room	<b>Rm Ft<sup>2</sup>:</b> 112
Room Note: This rooms is packed full of stuff. Difficult to inspect.	<b>Room Dimensions:</b> L=14 W=8 H=12	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	1		Carpet squares & glue - blue/grey striped	wood underlayment	N	n/a
Floor	-		Wood underlayment	floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	2		Baseboard & glue - 4" black	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		North, West & South walls			
Wall	-		Wood		n/a	n/a
	NOTES		Added presumeable over plaster wall. East wall only.			
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a

RED=contains asbestos

BLACK=no asbestos detected or non-suspect





# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> CR 1 - NW Storage Room	<b>Rm Ft<sup>2</sup>:</b> 144
Room Note: This rooms is packed full of stuff. Difficult to inspect.	<b>Room Dimensions:</b> L=18 W=8 H=12	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	-		Hardwood floor - exposed & bare		n/a	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 2-3'			
Wall	8		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 2-3'			
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	CR 1 - West RR Foyer	<b>Rm Ft<sup>2</sup>:</b>	128
		<b>Room Dimensions:</b>	L=16 W=8 H=12		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	10	10A	Carpet & glue - black with white dots	Sheet flooring	N	n/a
Floor	11	11A	Sheet flooring & glue - black/white sand pattern	Wood underlayment	N	n/a
Floor	-		Wood underlayment	floor tile		
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	2		Baseboard & glue - 4" black	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 2-3'			
Wall	8		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 2-3'			
Ceiling	3		Plaster - sanded finish		N	n/a

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> CR 1 - West RR Foyer's NE Closet <b>Rm Ft<sup>2</sup>:</b> 6
<b>Room Dimensions:</b> L=3      W=2      H=7	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	11		Sheet flooring & glue - black/white sand pattern	Wood underlayment	N	n/a
Floor	-		Wood underlayment	floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	12	12A	Baseboard & brown glue - 3" blue	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	8		Plaster - smooth finish		N	n/a
Ceiling	8		Plaster - smooth finish		N	n/a

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	CR 1 - North Girls RR	<b>Rm Ft<sup>2</sup>:</b>	40
		<b>Room Dimensions:</b>	L=8 W=5 H=12		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	11		Sheet flooring & glue - black/white sand pattern	Wood underlayment	N	n/a
Floor	-		Wood underlayment	floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	11		Sheet flooring & glue - black/white sand pattern	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	8		Plaster - smooth finish		N	n/a
Wall	13		FRP & glue- white OP pattern	Plaster	Y	N
	NOTE		AFF 4'. Assumed. Sampling will cause irreparable damage. Sample before disturbing.			
Ceiling	8		Plaster - smooth finish		N	n/a

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Building:	Main Building 1-14		Room Name:	CR 1 - SouthBoys RR	Rm Ft <sup>2</sup> :	40
			Room Dimensions:	L=8 W=5 H=12		
Floor	11		Sheet flooring & glue - black/white sand pattern	Wood underlayment	N	n/a
Floor	-		Wood underlayment	floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
		NOTE	All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	11		Sheet flooring & glue - black/white sand pattern	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	8		Plaster - smooth finish		N	n/a
Wall	13		FRP & glue- white OP pattern	Plaster	Y	N
		NOTE	AFF 4'. Assumed. Sampling will cause irreparable damage. Sample before disturbing.			
Ceiling	8		Plaster - smooth finish		N	n/a

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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<b>Building:</b> Main Building 1-14	<b>Room Name:</b> Staff RR	<b>Rm Ft<sup>2</sup>:</b> 56
Adjacent to CR 1	<b>Room Dimensions:</b> L=8 W=7 H=12	

Component	HMR #	Sample #	Material Description	Substrate	ACM	Friable
					Y/N	Y/N
Floor	17	17A	Sheet flooring & glue - lt blue mosaic pattern	Concrete	N	n/a
BB	17		Sheet flooring & glue - lt blue mosaic pattern	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	8		Plaster - smooth finish		N	n/a
Ceiling	8		Plaster - smooth finish		N	n/a

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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Building:</b>	Main Building 1-14					
				<b>Room Name:</b> Classroom 2	<b>Rm Ft<sup>2</sup>:</b> 930	
				<b>Room Dimensions:</b> L=30 W=31 H=12		
<b>Floor</b>	1		Carpet squares & glue - blue/grey striped	wood underlayment	N	n/a
<b>Floor</b>	-		Wood underlayment	floor tile	n/a	n/a
<b>Floor</b>	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
		NOTE	All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
<b>Floor</b>	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
<b>Floor</b>	-		Wood diagonal sheathing	joists	n/a	n/a
<b>BB</b>	2		Baseboard & glue - 4" black	Wood	N	n/a
<b>BB</b>	-		5" Wood		n/a	n/a
<b>Wall</b>	3		Plaster - sanded finish	wire mesh	N	n/a
		NOTES	Most of the walls above 2-3'			
<b>Wall</b>	8		Plaster - smooth finish		N	n/a
		NOTES	Most of the lower walls below 2-3'			
<b>Counter Top</b>	5		Sheet vinyl & brown glue - lt beige mosaic pattern	Wood	N	n/a
<b>Sink</b>	-		Porcelain		n/a	n/a
<b>Ceiling</b>	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
<b>Ceiling</b>	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a
<b>Ceiling</b>	4		Acoustic ceiling tile 12" & brown glues - uniform holes	ACM Plaster	N	n/a
<b>Ceiling</b>	18		Plaster - rough finish		Y	Y
		NOTE	Previously sampled by HMS 2016 - 2% CH			

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	CR 2 - SE Girls RR	<b>Rm Ft<sup>2</sup>:</b>	36
		<b>Room Dimensions:</b>	L=6 W=6 H=12		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	20	20A	Sheet vinyl & brown glue - pink/blue/cream sand pattern	Wood	N	n/a
Floor	-		Wood - Abatement records down to floor joists in 2013.		n/a	n/a
BB	20		Sheet vinyl & brown glue - pink/blue/cream sand pattern	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	8		Plaster - smooth finish		N	n/a
Wall	13		FRP & glue- white OP pattern	Plaster	Y	N
	NOTE		AFF 7.5'. Assumed. Sampling will cause irreparable damage. Sample before disturbing.			
Ceiling	8		Plaster - smooth finish		N	n/a

<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	CR 2 - SW Boys RR	<b>Rm Ft<sup>2</sup>:</b>	36
		<b>Room Dimensions:</b>	L=6 W=6 H=12		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	11		Sheet flooring & glue - black/white sand pattern	Wood underlayment	N	n/a
Floor	-		Wood underlayment	floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	11		Sheet flooring & glue - black/white sand pattern	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	8		Plaster - smooth finish		N	n/a
Wall	13		FRP & glue- white OP pattern	Plaster	Y	N
	NOTE		AFF 4'. Assumed. Sampling will cause irreparable damage. Sample before disturbing.			
Ceiling	8		Plaster - smooth finish		N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14 Located Adjacent to CR 2	<b>Room Name:</b> Boys' Student RR	<b>Rm Ft<sup>2</sup>:</b> 176
	<b>Room Dimensions:</b> L=16 W=11 H=8	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	21	21A	Ceramic tile & brown grout - 2" grey		N	N/A
BB			None			
Walls	22		Ceramic tile & white grout - 4" lt grey		N	N/A
	NOTE		Floor to ceiling.			
Ceiling	8		Plaster - smooth finish		N	N/A
Door	23		Fire door (1) 20 minute		Y	Y
	NOTE		Assumed, test prior to disturbance			

<b>Building:</b> Main Building 1-14 Located Adjacent to CR 2	<b>Room Name:</b> Girls' Student RR	<b>Rm Ft<sup>2</sup>:</b> 198
	<b>Room Dimensions:</b> L=22 W=9 H=8	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	21		Ceramic tile & brown grout - 2" grey		N	n/a
BB			None		n/a	n/a
Walls	22	22A	Ceramic tile & white grout - 4" lt grey		N	n/a
	NOTE		Floor to ceiling.			
Ceiling	8		Plaster - smooth finish		N	n/a
Door	23		Fire door (1) 20 minute		Y	Y
	NOTE		Assumed, test prior to disturbance			

NOTE Attic Access

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Building:** Main Building 1-14

**Room Name:** Attic above RRs

Located Adjacent to CR 2

**Attic is defined as: every enclosed spaced that is contiguous and/or beneath the roof, attic, void, and plenum space above every room in this building including, but not limited to, exterior enclosed eaves, enclosed hallways, walkways, corridors, wall cavities, etc. and all spaces beneath the roof and above ceilings that are or are not readily accessible.**

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor			Ceiling joists		n/a	n/a
BB			None		n/a	n/a
Walls	24	24A	Unfinished drywall with tape & joint compound		N	n/a
Ceiling	8		Plaster - smooth finish		N	n/a
Uppermost walls	3		Plaster - sanded finish		N	n/a
	NOTE		Walls leading up to what appears to be old skylight.			

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	Classroom 3	<b>Rm Ft<sup>2</sup>:</b>	874
		<b>Room Dimensions:</b>	L=38 W=23 H=10/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	25	25A	Carpet & glue - blue w/white	Wood	N	n/a
	NOTE		Covers approx. 80% of floor previously sampled by HMS 2016			
Floor	26	26A	Sheet flooring & glue - grey mosaic pattern	Wood	N	n/a
	NOTE		Covers approx. 10% of floor previously sampled by HMS 2016			
Floor	27	27A	Sheet flooring & glue - purple w/black/white flecks	Wood	N	n/a
	NOTE		Covers approx. 10% of floor previously sampled by HMS 2016			
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9	48A	Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	12	12B	Baseboard & brown glue - 3" blue	5" Wood bb	N	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
Wall	8		Plaster - smooth finish		N	n/a
Counter Top	28	28A	Sheet vinyl & brown glue - blue fabric pattern	Wood	N	n/a
Counter Top	48	48A	Counter top material & glue - brown/cream mosaic pattern 15%	Wood	Y	Y
Sink	-		Porcelain		n/a	n/a
Ceiling	7	07A	Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
Ceiling	29	29A	Lay-in panels 2'x4' gouge pinhole - newer	F/G Batts	N	n/a
Ceiling	30	30A	Lay-in panels 2'x4' fissured pinhole - older	F/G Batts	N	n/a
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a
Window Infill	31	31A	Unfinished drywall - painted	NOTE some window infills are plaster above doors.	N	n/a

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Building:	Main Building 1-14		Room Name:	Classroom 4	Rm Ft <sup>2</sup> :	
			Room Dimensions:	L=38 W=23 H=10/13	874	
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	2		Baseboard & glue - 4" black	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 2-3'			
Wall	8		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 2-3'			
Counter Top	28		Sheet vinyl & brown glue - blue fabric pattern	Wood	N	n/a
Sink	-		Porcelain		n/a	n/a
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a
Window Infill	31		Unfinished drywall - painted		N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	Supply Rm Adj to CR 3	<b>Rm Ft<sup>2</sup>:</b>	308
		<b>Room Dimensions:</b>	L=22 W=14 H=8		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	2		Baseboard & glue - 4" black	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 2-3'			
Wall	8		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 2-3'			
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a
Window Infill	31		Unfinished drywall - painted		N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Main Building 1-14		Room Name:	HR Office		Rm Ft <sup>2</sup> :	132	
		Immediately adjacent to Supply Rm adj to CR 3		Room Dimensions:	L=12	W=11	H=8		
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N			
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a			
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a			
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N			
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND						
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a			
Floor	-		Wood diagonal sheathing	joists					
BB	2		Baseboard & glue - 4" black	Wood	N	n/a			
BB	-		5" Wood		n/a	n/a			
Wall	3		Plaster - sanded finish	wire mesh	N	n/a			
	NOTES		Most of the walls above 2-3'						
Wall	8		Plaster - smooth finish		N	n/a			
	NOTES		Most of the lower walls below 2-3'						
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a			
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a			
Ceiling	4	04B	Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a			
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a			
Window Infill	31		Unfinished drywall - painted		N	n/a			

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> HR NE Supply Rm	<b>Rm Ft<sup>2</sup>:</b> 24
Immediately adjacent to Supply Rm adj to CR 3	<b>Room Dimensions:</b> L=6 W=4 H=12	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	25		Carpet & glue - blue w/white	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Main Building 1-14		Room Name:	HR SE RR		Rm Ft <sup>2</sup> :	64	
Immediately adjacent to Supply Rm adj to CR 3				Room Dimensions:	L=8	W=8	H=12		
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N			
Floor	32	32A	Sheet vinyl & glue - dk blue/grey w/black mosaic fabric pattern	Wood	N	n/a			
Floor	-		Wood underlayment	ACM floor tile					
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N			
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND						
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a			
Floor	-		Wood diagonal sheathing	joists	n/a	n/a			
BB	32		Sheet vinyl & glue - dk blue/grey w/black mosaic fabric pattern	Wood	N	n/a			
BB	-		5" Wood		n/a	n/a			
Wall	3		Plaster - sanded finish	wire mesh	N	n/a			
Wall	13		FRP & glue- white OP pattern	Plaster	Y	N			
	NOTE		AFF 5'. Assumed. Sampling will cause irreparable damage. Sample before disturbing.						
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a			

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> HR West File Rm	<b>Rm Ft<sup>2</sup>:</b> 96
Immediately adjacent to Supply Rm adj to CR 3	<b>Room Dimensions:</b> L=12 W=8 H=10/12	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
			NOTE: All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	2		Baseboard & glue - 4" black	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
		NOTE	Walls above 5' on average.			
Wall	8		Plaster - smooth finish	wire mesh	N	n/a
		NOTE	AFF 5'			
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a
Window Infill	31		Unfinished drywall - painted		N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	Classroom 5	<b>Rm Ft<sup>2</sup>:</b>	782
		<b>Room Dimensions:</b>	L=34 W=23 H=10/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	2		Baseboard & glue - 4" black	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 2-3'			
Wall	8		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 2-3'			
Counter Top	28		Sheet vinyl & brown glue - blue fabric pattern	Wood	N	n/a
Sink	-		Porcelain		n/a	n/a
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a
Window Infill	31		Unfinished drywall - painted		N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	Classroom 6	<b>Rm Ft<sup>2</sup>:</b>	782
		<b>Room Dimensions:</b>	L=34 W=23 H=10/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
		NOTE	All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	2		Baseboard & glue - 4" black	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
		NOTES	Most of the walls above 2-3'			
Wall	8		Plaster - smooth finish		N	n/a
		NOTES	Most of the lower walls below 2-3'			
Counter Top	28		Sheet vinyl & brown glue - blue fabric pattern	Wood	N	n/a
Sink	-		Porcelain		n/a	n/a
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a
Window Infill	31	31B	Unfinished drywall - painted		N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Main Building 1-14		Room Name:		Classroom 7		Rm Ft <sup>2</sup> :		782	
				Room Dimensions:		L=34	W=23	H=10/13			
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N					
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a					
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a					
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N					
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND								
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a					
Floor	-		Wood diagonal sheathing	joists							
BB	2		Baseboard & glue - 4" black	Wood	N	n/a					
BB	-		5" Wood		n/a	n/a					
Wall	3		Plaster - sanded finish	wire mesh	N	n/a					
	NOTES		Most of the walls above 2-3'								
Wall	8		Plaster - smooth finish		N	n/a					
	NOTES		Most of the lower walls below 2-3'								
Counter Top	28		Sheet vinyl & brown glue - blue fabric pattern	Wood	N	n/a					
Sink	-		Porcelain		n/a	n/a					
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a					
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a					
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a					
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a					
Window Infill	31		Unfinished drywall - painted		N	n/a					

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	Academic Coach	<b>Rm Ft<sup>2</sup>:</b>	336
		<b>Room Dimensions:</b>	L=28 W=12 H=10/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	25		Carpet & glue - blue w/white	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 2-3'			
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a
Window Infill	31		Unfinished drywall - painted		N	n/a
Door	23		Fire door (1) 20 minute Assumed - Test prior to construction		Y	Y

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# YES Environmental, Inc.

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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Building:	Main Building 1-14		Room Name:	Academic Coach NW RR	Rm Ft <sup>2</sup> :	18
			Room Dimensions:	L=6 W=3 H=13		
Floor	26	26B	Sheet flooring & glue - cream mosaic pattern	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 1'			
Wall	8		Plaster - smooth finish	wire mesh	N	n/a
	NOTES		Most of the walls above 5'			
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> Interconnecting Room	<b>Rm Ft<sup>2</sup>:</b> 18
Located between Academic Coach & Office adj to CR 8	<b>Room Dimensions:</b> L=6 W=3 H=13	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	33	33A	Sheet vinyl & glue - solid cream		N	n/a
Floor	26		Sheet flooring & glue - cream mosaic pattern	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 1'			
Wall	8		Plaster - smooth finish	wire mesh	N	n/a
	NOTES		Most of the walls above 5'			
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> West Academic Coach Office	<b>Rm Ft<sup>2</sup>:</b> 196
Located between Academic Coach & Office adj to CR 8	<b>Room Dimensions:</b> L=14 W=14 H=8/13	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	34	34A	Carpet & glue - blue/green/red/cream multi	Wood	N	n/a
Floor	33		Sheet vinyl & glue - solid cream	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Building:</b>	Main Building 1-14					
				<b>Room Name:</b> Classroom 8	<b>Rm Ft<sup>2</sup>:</b> 828	
				<b>Room Dimensions:</b> L=36 W=23 H=9/13		
<b>Floor</b>	1	01B	Carpet squares & glue - blue/grey striped	Wood	N	n/a
<b>Floor</b>	-		Wood underlayment	ACM floor tile		
<b>Floor</b>	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
		NOTE	All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
<b>Floor</b>	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
<b>Floor</b>	-		Wood diagonal sheathing	joists	n/a	n/a
<b>BB</b>	2	02B	Baseboard & glue - 4" black	Wood	N	n/a
<b>BB</b>	-		5" Wood		n/a	n/a
<b>Wall</b>	3		Plaster - sanded finish	wire mesh	N	n/a
		NOTES	Most of the walls above 2-3'			
<b>Wall</b>	8	08A	Plaster - smooth finish		N	n/a
		NOTES	Most of the lower walls below 2-3'			
<b>Counter Top</b>	28	28B	Sheet vinyl & brown glue - blue fabric pattern	Wood	N	n/a
<b>Sink</b>	-		Porcelain		n/a	n/a
<b>Ceiling</b>	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
<b>Ceiling</b>	6	06B	Fiberglass batt insulation paper jacketed	ACTS	N	n/a
<b>Ceiling</b>	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
<b>Ceiling</b>	3		Plaster - sanded finish	Gap Sheathing	N	n/a
<b>Window Infill</b>	31		Unfinished drywall - painted		N	n/a

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	Hallway between CRs 1-8	<b>Rm Ft<sup>2</sup>:</b>	3,000
		<b>Room Dimensions:</b>	L=375 W=8 H=9/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	11	11B	Sheet flooring & glue - black/white sand pattern	Wood/concrete	N	n/a
	NOTE		The hallway's substrate is mostly wood. The sections that run north/south are concrete.			
Floor	-		Two layers of wood underlayment (thicknesses unknown)	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	n/a	n/a
	NOTES		Most of the walls above 5'			
Wall	8		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 5'			
Counter Top	28		Sheet vinyl & brown glue - blue fabric pattern	Wood	N	n/a
Sink	-		Porcelain		n/a	n/a
Ceiling	7		Lay-in panels 2'x4' gouge pinhole	F/G Batts	N	n/a
Ceiling	6		Fiberglass batt insulation paper jacketed	ACTS	N	n/a
Ceiling	4		Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a
Ceiling	3		Plaster - sanded finish	Gap Sheathing	N	n/a
Window Infill	31		Unfinished drywall - painted		N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Main Building 1-14		Room Name:	10A	Rm Ft <sup>2</sup> :	135
L-shaped room		Room Dimensions:		L=15	W=9	H=10/13	
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N	
Floor	35		Floor tile & glue 12" grey oatmeal	Wood underlayment	N	n/a	
	NOTE		Previously sampled by HMS 2016				
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a	
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N	
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND				
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a	
Floor	-		Wood diagonal sheathing	joists			
BB	36		Baseboard & glue - 4" lt grey		N	n/a	
	NOTE		Previously sampled by HMS 2016				
Walls	42	42A	Plaster - smooth finish		N	n/a	
	NOTE		Some walls have concrete substrate. Others wire mesh				
Ceiling	37	37B	Lay-in panels 2'x4' gouge pinhole	ACTS	N	n/a	
Ceiling	39	39A	Acoustic ceiling tile 12" & brown glues - uniform holes	Plaster #3	N	n/a	
Ceiling	40	40A	Plaster - sanded finish	Gap Sheathing	N	n/a	
Window Infill	31		Unfinished drywall - painted		N	n/a	

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> Classroom 9	<b>Rm Ft<sup>2</sup>:</b> 1035
<b>Room Dimensions:</b> L=45 W=23 H=13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	41	41A	Baseboard & glue - 3" black	Wood	N	n/a
BB	-		3" Wood		n/a	n/a
Wall	18		Plaster rough finish - 2% CH	wire mesh	Y	Y
	NOTE		Most of the walls above 7'. HMS Report 5.27.16 = 2% CH			
Wall	42		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 7'			
Walls	43		Chalkboards	Plaster #42	Y	N
	NOTE		Assumed, test prior to disturbance			
Counter Top	-		Formica - blue	Wood	n/a	n/a
Sink	-		Porcelain		n/a	n/a
Wall	18		Plaster rough finish - 2% CH	wire mesh	Y	Y
	NOTE		Most of the walls above 7'. HMS Report 5.27.16 = 2% CH			
Window Infill	31		Unfinished drywall - painted		N	n/a
Unit						
Ventilator	44	44A	Pipe straight insulation - paper jacketed		N	n/a

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Building:** Main Building 1-14      **Room Name:** Attic Above 9-14

**Attic is defined as: every enclosed spaced that is contiguous and/or beneath the roof, attic, void, and plenum space above every room in this building including, but not limited to, exterior enclosed eaves, enclosed hallways, walkways, corridors, wall cavities, etc. and all spaces beneath the roof and above ceilings that are or are not readily accessible.**

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	-		Wood ceiling joists		n/a	n/a
Floor	45	45A	Blown-in insulation - pink fiberglass		N	n/a
Walls	-		Concrete - bare & exposed		n/a	n/a
Ceiling	-		Diagonal sheathing roof deck		n/a	n/a
<b>Flue Pipes</b>	<b>15</b>		<b>Transite flue pipes - Known Asbestos Material</b>		<b>Y</b>	<b>N</b>
	<b>NOTE</b>		<b>Known material</b>			
TSI	44		Pipe straight insulation - paper jacketed		N	n/a

RED=contains asbestos

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	Classroom 10	<b>Rm Ft<sup>2</sup>:</b>	920
		<b>Room Dimensions:</b>	L=40 W=23 H=13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	41		Baseboard & glue - 3" black	Wood	N	n/a
BB	-		3" Wood		n/a	n/a
Wall	3		Plaster - sanded finish		N	n/a
	NOTE		North wall.			
Wall	18		Plaster - rough finish	Wire Mesh	Y	Y
	NOTE		East, South & west walls above 7'. None on north wall. Previously sampled by HMS 2016 - 2% CH			
Wall	42		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 7'			
Walls	43		Chalkboards	Plaster #42	Y	N
	NOTE		Assumed, test prior to disturbance			
Counter Top	60	60C	Sheet vinyl & brown mastic - dark wood grain	Wood	N	n/a
Backsplash	47	47A	Counter top material & glue - green fabric pattern	Wood	N	n/a
Sink	-		Porcelain		n/a	n/a
Ceiling	18		Plaster - rough finish	Metal Lath	Y	Y
	NOTE		Previously sampled by HMS 2016 - 2% CH			
Window Infill	31		Unfinished drywall - painted		N	n/a
Unit						
Ventilator	44		Pipe straight insulation - paper jacketed		N	n/a

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> Classroom 11	<b>Rm Ft<sup>2</sup>:</b> 920
<b>Room Dimensions:</b> L=40 W=23 H=13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	41		Baseboard & glue - 3" black	Wood	N	n/a
BB	-		3" Wood		n/a	n/a
Wall	3		Plaster - sanded finish		N	n/a
	NOTE		South wall			
Wall	18		Plaster rough finish - 2% CH	Wire Mesh	Y	Y
	NOTE		East, North & west walls above 7'. None on south wall Previously sampled by HMS 2016 - 2% CH			
Wall	42		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 7'			
Walls	43		Chalkboards	Plaster #42	Y	N
	NOTE		Assumed, test prior to disturbance			
Counter top	47		Counter top material & glue - green fabric pattern	Wood	N	n/a
Sink	-		Porcelain		n/a	n/a
Ceiling	18		Plaster rough finish - 2% CH	Metal Lath	Y	Y
	NOTE		Previously sampled by HMS 2016 - 2% CH			
Window Infill	31		Unfinished drywall - painted		N	n/a
Unit						
Ventilator	44		Pipe straight insulation - paper jacketed		N	n/a

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# YES Environmental, Inc.

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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Building:	Main Building 1-14		Room Name:	Classroom 12	Rm Ft <sup>2</sup> :	920
			Room Dimensions:	L=40 W=23 H=13		
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	41		Baseboard & glue - 3" black	Wood	N	n/a
BB	-		3" Wood		n/a	n/a
Wall	3		Plaster - sanded finish		N	n/a
	NOTE		North wall			
Wall	18		Plaster rough finish - 2% CH	Wire Mesh	Y	Y
	NOTE		East, North & west walls above 7'. None on south wall Previously sampled by HMS 2016 - 2% CH			
Wall	42		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 7'			
Walls	43		Chalkboards	Plaster #42	Y	N
	NOTE		Assumed, test prior to disturbance			
Counter top	47		Counter top material & glue - green fabric pattern	Wood	N	n/a
Counter top	60		Sheet vinyl & brown mastic - dark wood grain		N	n/a
Sink	-		Porcelain		n/a	n/a
Ceiling	18		Plaster - rough finish	Metal Lath	Y	Y
	NOTE		Previously sampled by HMS 2016 - 2% CH			
Window Infill	31		Unfinished drywall - painted		N	n/a
Unit						
Ventilator	44		Pipe straight insulation - paper jacketed		N	n/a

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# YES Environmental, Inc.

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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Building:	Main Building 1-14		Room Name:	Classroom 13	Rm Ft <sup>2</sup> :	920
			Room Dimensions:	L=40 W=23 H=13		
Floor	1		Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	41		Baseboard & glue - 3" black	Wood	N	n/a
BB	-		3" Wood		n/a	n/a
Wall	3		Plaster - sanded finish		N	n/a
	NOTE		South wall			
Wall	18		Plaster - rough finish	Wire Mesh	Y	Y
	NOTE		East, North & west walls above 7'. None on south wall Previously sampled by HMS 2016 - 2% CH			
Wall	42		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 7'			
Walls	43		Chalkboards	Plaster #42	Y	N
	NOTE		Assumed, test prior to disturbance			
Counter top	48		Counter top material & glue - brown/cream mosaic pattern	Wood	Y	Y
	NOTE		Counter top material=15% CH; glue=ND			
Sink	-		Porcelain		n/a	n/a
Ceiling	18		Plaster - rough finish	Metal Lath	Y	Y
	NOTE		Previously sampled by HMS 2016 - 2% CH			
Window Infill	31		Unfinished drywall - painted		N	n/a
Unit						
Ventilator	44		Pipe straight insulation - paper jacketed		N	n/a

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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Building:	Main Building 1-14		Room Name:	Classroom 14	Rm Ft <sup>2</sup> :	920
			Room Dimensions:	L=40 W=23 H=13		
Floor	1	1C	Carpet squares & glue - blue/grey striped	Wood	N	n/a
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists	n/a	n/a
BB	41	41B	Baseboard & glue - 3" black	Wood	N	n/a
BB	-		3" Wood		n/a	n/a
Wall	3		Plaster - sanded finish		N	n/a
	NOTE		North wall			
Wall	18		Plaster - rough finish	Wire Mesh	Y	Y
	NOTE		East, North & west walls above 7'. None on south wall Previously sampled by HMS 2016 - 2% CH			
Wall	42		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 7'			
Walls	43		Chalkboards	Plaster #42	Y	N
	NOTE		Assumed, test prior to disturbance			
Backsplash	47		Counter top material & glue - green fabric pattern	Wood	N	n/a
Counter top	60		Sheet vinyl & brown mastic - dark wood grain		N	n/a
Sink	-		Porcelain		n/a	n/a
Ceiling	18		Plaster - rough finish	Metal Lath	Y	Y
	NOTE		Previously sampled by HMS 2016 - 2% CH			
Window Infill	31		Unfinished drywall - painted		N	n/a
Unit						
Ventilator	44		Pipe straight insulation - paper jacketed		N	n/a

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Main Building 1-14	<b>Room Name:</b>	Hallway between CRs 9-14	<b>Rm Ft<sup>2</sup>:</b>	1,216
		<b>Room Dimensions:</b>	L=152 W=8 H=11		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	11		Sheet flooring & glue - black/white sand pattern	Wood/concrete	N	n/a
	NOTE		The hallway's substrate is mostly wood. The sections that run north/south are concrete.			
Floor	-		Two layers of wood underlayment. Thicknesses unknown	ACM floor tile	n/a	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a
BB	-		5" Wood		n/a	n/a
Wall	3		Plaster - sanded finish	wire mesh	N	n/a
	NOTES		Most of the walls above 5'			
Wall	8		Plaster - smooth finish		N	n/a
	NOTES		Most of the lower walls below 5'			
Ceiling	18		Plaster - rough finish	Metal Lath	Y	Y
	NOTE		Previously sampled by HMS 2016 - 2% CH			
Ceiling	49	49A	Acoustic ceiling tile 12" fissure PH pattern & black glue		N	n/a
Window Infill	31		Unfinished drywall - painted		N	n/a
Door	50		Fire door 90 minute (4)		Y	Y
	NOTE		Located where both hallways meet. Assumed, test prior to disturbance			

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14 Located Adjacent to 10A	<b>Room Name:</b> Women's Staff RR	<b>Rm Ft<sup>2</sup>:</b> 198
	<b>Room Dimensions:</b> L=22 W=9 H=8	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	21	21B	Ceramic tile & brown grout - 2" grey		N	n/a
BB			None			
Walls	22 NOTE		Ceramic tile & white grout - 4" lt grey Floor to ceiling.		N	n/a
Ceiling	8		Plaster - smooth finish		N	n/a
Door	50 NOTE		Fire door 90 minute Assumed, test prior to disturbance		Y	Y
NOTE			Attic Access			

<b>Building:</b> Main Building 1-14 Located Adjacent to 10A	<b>Room Name:</b> Boys' Student RR	<b>Rm Ft<sup>2</sup>:</b> 160
	<b>Room Dimensions:</b> L=20 W=8 H=8	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	21	21A	Ceramic tile & brown grout - 2" grey		N	n/a
BB			None			
Walls	22 NOTE		Ceramic tile & white grout - 4" lt grey Floor to ceiling.		N	n/a
Ceiling	8		Plaster - smooth finish		N	n/a
Door	50 NOTE		Fire door 90 minute Assumed, test prior to disturbance		Y	Y

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Building:** Main Building 1-14

**Room Name:** Attic above Staff RRs

Located Adjacent to 10A

Component	HMR #	Sample #	Material Description	Substrate	ACM	Friable
					Y/N	Y/N
Floor			Ceiling joists		n/a	n/a
BB			None		n/a	n/a
Walls	24		Unfinished drywall with tape & joint compound		N	n/a
Walls	-		Concrete - bare & exposed		n/a	n/a
Ceiling	3		Plaster - sanded finish		N	n/a

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# YES Environmental, Inc.

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<b>Building:</b> Main Building 1-14 Located adjacent to Kitchen	<b>Room Name:</b> Hallway - adj to Kitchen	<b>Rm Ft<sup>2</sup>:</b> 320
<b>Room Dimensions:</b> L=40 W=8 H=9/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	51	51A	Floor tile & glue 12" dk blue oatmeal	ACM floor tile	N	n/a
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND			
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a
Floor	-		Wood diagonal sheathing	joists		
BB	41		Baseboard & glue - 3" black	Wood	N	n/a
BB	-		3" Wood	Plaster	n/a	n/a
Wall	8		Plaster - smooth finish		N	n/a
	NOTE		Up to 7'			
Wall	3		Plaster - sanded finish		N	n/a
	NOTE		from 7' to ceiling			
Ceiling	37	37A	Lay-in panels 2'x4' gouge pinhole	F/G batts	N	n/a
Ceiling	6	06C	Fiberglass batt insulation paper jacketed	Plaster #3	N	n/a
Ceiling	3		Plaster - sanded finish		N	n/a
Doors	50		Fire door 90 minute (2)		Y	Y
	NOTE		Assumed, test prior to disturbance			

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Main Building 1-14		Room Name:	Hallway - West of Library		Rm Ft <sup>2</sup> :	800	
Located between MPR & Library				Room Dimensions:	L=100	W=8	H=13		
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N			
Floor	52	52A	Floor tile & glue 12" grey/blue oatmeal	Floor tile #53	N	n/a			
Floor	53	53A	Concealed light brown tile & black mastic	Concrete	Y	N			
	NOTE		Floor tile = 4% CH, Black Mastic = 8% CH						
BB	12	12C	Baseboard & brown glue - 3" blue	Wood	N	n/a			
BB	-		3" Wood	Plaster	n/a	n/a			
Wall	8		Plaster - smooth finish		N	n/a			
	NOTE		Up to 7'						
Wall	3		Plaster - sanded finish		N	n/a			
	NOTE		from 7' to ceiling						
Ceiling	18		Plaster - rough finish	Metal Lath	Y	Y			
	NOTE		Previously sampled by HMS 2016 - 2% CH						
Doors	50		Fire door 90 minute (2)		Y	Y			
	NOTE		Assumed, test prior to disturbance						

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Main Building 1-14		Room Name:	Library	Rm Ft <sup>2</sup> :	960
		Room Dimensions:		L=40	W=24	H=13	
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N	
Floor	25	25B	Carpet & glue - blue w/white	Wood	N	n/a	
	NOTE		Covers approx. 80% of floor				
Floor	26		Sheet flooring & glue - grey mosaic pattern	Wood	N	n/a	
	NOTE		Covers approx. 10% of floor				
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a	
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N	
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND				
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a	
Floor	-		Wood diagonal sheathing	joists			
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a	
BB	-		3" Wood		n/a	n/a	
Wall	3		Plaster - sanded finish	wire mesh	N	n/a	
	NOTES		Most of the walls above 2-3'				
Wall	8		Plaster - smooth finish		N	n/a	
	NOTES		Most of the lower walls below 2-3'				
Counter Top	-		Formica	Wood	n/a	n/a	
Sink	-		Porcelain		n/a	n/a	
Ceiling	18		Plaster - rough finish	Metal Lath	Y	Y	
	NOTE		Previously sampled by HMS 2016 - 2% CH				
Window Infill	31		Unfinished drywall - painted	NOTE some window infills are plaster above doors.	N	n/a	
Unit Ventilator	44	44B	Pipe straight insulation - paper jacketed		N	n/a	

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Main Building 1-14 & Library	<b>Room Name:</b> Attic Above Library
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	-		Wood ceiling joists		n/a	n/a
Floor	45		Blown-in insulation - pink fiberglass		N	n/a
Walls	-		Concrete - bare & exposed		n/a	n/a
Ceiling	-		Diagonal sheathing roof deck		n/a	n/a
Flue Pipes	15		Transite flue pipes - Known Asbestos Material		Y	N
	NOTE		Known material			
TSI	44		Pipe straight insulation - paper jacketed		N	n/a

RED=contains asbestos

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Main Building 1-14 Adjacent to Library		Room Name:	Music (16)	Rm Ft <sup>2</sup> :	960
		Room Dimensions:		L=40	W=24	H=13	
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N	
Floor	25		Carpet & glue - blue w/white	Wood	N	n/a	
	NOTE		Covers approx. 80% of floor				
Floor	26		Sheet flooring & glue - grey mosaic pattern	Wood	N	n/a	
	NOTE		Covers approx. 10% of floor				
Floor	-		Wood underlayment	ACM floor tile	n/a	n/a	
Floor	9		Concealed floor tile, black mastic over 9" floor tile, black mastic & black felt	hardwood floor	Y	N	
	NOTE		All Floor Tile=6% CH; All Black Mastics=2-5% CH; All Felts=ND				
Floor	-		Hardwood Floor	Wood diagonal sheathing	n/a	n/a	
Floor	-		Wood diagonal sheathing	joists			
BB	12		Baseboard & brown glue - 3" blue	Wood	N	n/a	
BB	-		3" Wood		n/a	n/a	
Wall	3		Plaster - sanded finish	wire mesh	N	n/a	
	NOTES		Most of the walls above 2-3'				
Wall	8		Plaster - smooth finish		N	n/a	
	NOTES		Most of the lower walls below 2-3'				
Counter top	48	48C	Counter top material & glue - brown/cream mosaic pattern	Wood	Y	Y	
	NOTE		Counter top material=15% CH; glue=ND				
Sink	-		Porcelain		n/a	n/a	
Ceiling	18		Plaster - rough finish		Y	Y	
	NOTE		HMS Report 5.27.16 - 2% CH				
Window Infill	31		Unfinished drywall - painted	NOTE some window infills are plaster above doors.	N	n/a	
Unit Ventilator	44		Pipe straight insulation - paper jacketed		N	n/a	

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

## LIMITED SURVEY FOR FIRE ALARM PURPOSES ONLY

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> MPR Main Dining Room & Balcony Area
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Ceiling</b>	18		Plaster - rough finish		Y	Y
	NOTE		HMS Report 5.27.16 - 2% CH			
<b>Upper Walls</b>	18		Plaster - rough finish		Y	Y
	NOTE		HMS Report 5.27.16 - 2% CH			

<b>Building:</b> Main Building 1-14	<b>Room Name:</b> MPR Kitchen & Associated Rooms
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Ceilings</b>	8		Plaster - smooth finish		No	n/a
<b>Walls</b>	8		Plaster - smooth finish		No	n/a

Abatement performed June 2023 removed all layers of flooring in the Kitchen and SE Storage Room down to the diagonal sheathing. The northern section of the Kitchen that has a concrete substrate had the flooring removed in it as well during the project. In the MPR building, the men's restroom had the flooring in the hallway and custodial room abated. The MPR Building's main dining room only had a 4'x4' section removed down to diagonal sheathing at the entry to the men's restroom.

RED=contains asbestos

BLACK=no asbestos detected or non-suspect

<b>Building:</b>	Main Building - 1-14	<b>Room Name:</b>	Exterior
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Ground	-		Earth		n/a	n/a
Ground	-		Concrete - bare & exposed		n/a	n/a
Walls	68	68A-I	Concrete with stucco sanded finish		N	n/a
Windows	69	69A-F	Exterior window putty		N	n/a
Walls	70	70A-B	Exterior brick & mortar		N	n/a
Roof	54	54A-C	White coating on foam on silver paint on rolled composition rfg & felts	Diagonal sheathing	Y	N
	NOTE		White foam=ND; Silver paint = 5% CH, Felts=20% CH			
Roof	15		Transite flue pipes (33) - Known asbestos material		Y	N
Roof	55	55A-C	Silver paint coated roof mastics (grey/black) - Silver paint = 5-8% CH; Mastic =ND		Y	Y
	NOTE		On components such as, but not limited to, roof jacks, conduit sleepers, roof vents, HVAC platforms, etc.			

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CR 17	CR 18	CR 19	Mechanical
			Custodial Rm



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Client: Bakersfield City School District

Site: Horace Mann ES

YES Project No.: 22YES-64

Date of Inspection: 11/8/2022

## Inspection Report

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Building:</b>	Buildings B, C, D & E (Rooms 17-27)			<b>Room Name:</b>	Classroom 17	<b>Rm Ft<sup>2</sup>:</b> 960
				<b>Room Dimensions:</b>	L=32 W=30 H=10/13	
<b>Floor</b>	61		Carpet & glue - black with white dots	black mastic	N	n/a
<b>Floor</b>	34	34B	Carpet & glue - blue/green/red/cream multi	black mastic	N	n/a
<b>Floor</b>	56		Black mastic	concrete	N	n/a
	NOTE		Previously sampled by HMS 2016. no asbestos detected			
<b>BB</b>	57		Baseboard & glue 4" blue		N	n/a
<b>Walls</b>	-		Plywood		n/a	n/a
<b>Walls</b>	58		Tackboard & glue - Assumed, test prior to disturbance	plywood walls	Y	N
<b>Walls</b>	43		Chalkboards - Assumed, test prior to disturbance		Y	N
<b>Counters</b>	59		Sheet finyl & brown mastic - green striped		N	n/a
<b>Counters</b>	60		Sheet vinyl & brown mastic - dark wood grain		N	n/a
<b>Sink</b>	-		Porcelain		n/a	n/a
<b>Ceilings</b>	62		Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a
<b>Ceilings</b>	63	63A	Fiberglass batt insulation paper jacketed	Wood slats	N	n/a
<b>Ceilings</b>	-		Wood slats	F/G batt	n/a	n/a
<b>Ceilings</b>	64	64A	Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a
<b>TSI</b>	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y
<b>TSI</b>	65		Pipe straight insulation - paper jacketed f/g		N	n/a
<b>Window</b>	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted			

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Buildings B, C, D & E (Rooms 17-27)	<b>Room Name:</b>	Classroom 18	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=10/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	61	61B	Carpet & glue - black with white dots	black mastic	N	n/a
	NOTE		At entrances only			
Floor	34		Carpet & glue - blue/green/red/cream multi	black mastic	N	n/a
Floor	56		Black mastic	concrete	N	n/a
	NOTE		Previously sampled by HMS 2016. no asbestos detected			
BB	57	57A	Baseboard & glue 4" blue		N	n/a
Walls	-		Plywood		n/a	n/a
Walls	58		Tackboard & glue	plywood walls	Y	N
	NOTE		Assumed, test prior to disturbance			
Walls	43		Chalkboards		Y	N
	NOTE		Assumed, test prior to disturbance			
Counters	59		Sheet finyl & brown mastic - green striped		N	n/a
Counters	60	60A	Sheet vinyl & brown mastic - dark wood grain		N	n/a
	NOTE		on angled counter			
Sink	-		Porcelain		n/a	n/a
Ceilings	62	62A	Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a
Ceilings	63		Fiberglass batt insulation paper jacketed	Wood slats	N	n/a
Ceilings	-		Wood slats	F/G batt	n/a	n/a
Ceilings	75	75A	fiberglass pipe insulation cloth jacketed	Diagonal sheathing	N	n/a
TSI	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y
TSI	65		Pipe straight insulation - paper jacketed f/g		N	n/a
	NOTE		Located above the original ceiling on the north side of the room			
Window	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Buildings B, C, D & E (Rooms 17-27)	<b>Room Name:</b>	Classroom 19	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=10/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	61		Carpet & glue - black with white dots	black mastic	N	n/a
	NOTE		At entrances only.			
Floor	34		Carpet & glue - blue/green/red/cream multi	black mastic	N	n/a
Floor	56		Black mastic	concrete	N	n/a
	NOTE		Previously sampled by HMS 2016. no asbestos detected			
BB	57		Baseboard & glue 4" blue		N	n/a
Walls	-		Plywood		n/a	n/a
Walls	58		Tackboard & glue	plywood walls	Y	N
	NOTE		Assumed, test prior to disturbance			
Walls	43		Chalkboards		Y	N
	NOTE		Assumed, test prior to disturbance			
Counters	59	59A	Sheet finyl & brown mastic - green striped		N	n/a
Counters	60		Sheet vinyl & brown mastic - dark wood grain		N	n/a
	NOTE		on angled counter			
Sink	-		Porcelain		n/a	n/a
Ceilings	62		Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a
Ceilings	63		Fiberglass batt insulation paper jacketed	Wood slats	N	n/a
Ceilings	-		Wood slats	F/G batt	n/a	n/a
Ceilings	64		Fiberglass batt insulation black paper jacketed	Diagonal sheathing	n/a	n/a
TSI	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y
TSI	75		fiberglass pipe insulation cloth jacketed		N	n/a
	NOTE		Located above the original ceiling on the north side of the room			
Window	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

RED=contains asbestos

BLACK=no asbestos detected or non-suspect





# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Buildings B, C, D & E (Rooms 17-27) Adjacent to CR 19	<b>Room Name:</b> Custodial Room	<b>Rm Ft<sup>2</sup>:</b> 304
<b>Room Dimensions:</b> L=16 W=19 H=12		

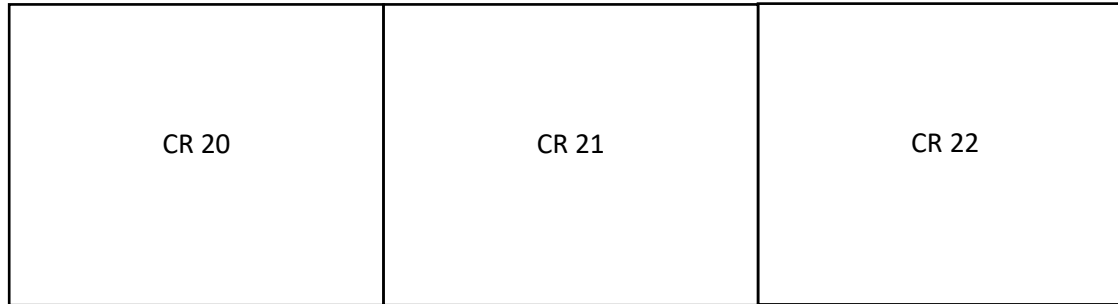
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	-		Concrete - bare & exposed		N	n/a
BB	-		Concrete - bare & exposed		N	n/a
Walls	67	67A	Plaster - sanded finish		N	n/a
Ceiling	67		Plaster - sanded finish		N	n/a
Window	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

<b>Building:</b> Buildings B, C, D & E (Rooms 17-27)	<b>Room Name:</b> Mechanical Room	<b>Rm Ft<sup>2</sup>:</b> 208
<b>Room Dimensions:</b> L=16 W=13 H=12		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	-		Concrete - bare & exposed		n/a	n/a
BB	-		Concrete - bare & exposed		n/a	n/a
Walls	67		Plaster - sanded finish		N	n/a
Ceiling	67		Plaster - sanded finish		N	n/a
Pipes	65	A	Pipe straight insulation - paper jacketed f/g		N	n/a
Pipes	75		Fiberglass pipe insulation cloth jacketed		N	n/a
	NOTE		Most of the pipe insulation is covered with plastic jacketing			
Door	66	66A	Door insulation - white/chalky - 12% CH		Y	Y
Window	72		Transite Window Panel - Known Asbestos Material - Known asbestos material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



Not Drawn to Scale



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b>	Buildings B, C, D & E (Rooms 17-27)	<b>Room Name:</b>	Classroom 20	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=10/13		

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	61		Carpet & glue - black with white dots	black mastic	N	n/a
	NOTE		At entrances only.			
Floor	34	34C	Carpet & glue - blue/green/red/cream multi	black mastic	N	n/a
Floor	56		Black mastic	concrete	N	n/a
	NOTE		Previously sampled by HMS 2016. no asbestos detected			
BB	57	57B	Baseboard & glue 4" blue		N	n/a
Walls	-		Plywood		n/a	n/a
Walls	58		Tackboard & glue	plywood walls	Y	N
	NOTE		Assumed, test prior to disturbance			
Walls	43		Chalkboards		Y	N
	NOTE		Assumed, test prior to disturbance			
Counters	59	59B	Sheet vinyl & brown mastic - green striped		N	n/a
Counters	60		Sheet vinyl & brown mastic - dark wood grain		N	n/a
	NOTE		on angled counter			
Sink	-		Porcelain		n/a	n/a
Ceilings	62		Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a
Ceilings	63		Fiberglass batt insulation paper jacketed	Wood slats	N	n/a
Ceilings	-		Wood slats	F/G batt	n/a	n/a
Ceilings	64		Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a
TSI	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y
TSI	75	75B	fiberglass pipe insulation cloth jacketed		N	n/a
	NOTE		Located above the original ceiling on the north side of the room			
Window	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Building:</b> Buildings B, C, D & E (Rooms 17-27) <b>Room Name:</b> Classroom 21 <b>Rm Ft<sup>2</sup>:</b> 960 <b>Room Dimensions:</b> L=32      W=30      H=10/13						
Floor	61	61A	Carpet & glue - black with white dots	black mastic	N	n/a
	NOTE		At entrances only.			
Floor	34		Carpet & glue - blue/green/red/cream multi	black mastic	N	n/a
Floor	56		Black mastic	concrete	N	n/a
	NOTE		Previously sampled by HMS 2016. no asbestos detected			
BB	57		Baseboard & glue 4" blue		N	n/a
Walls	-		Plywood		n/a	n/a
Walls	58		Tackboard & glue - Assumed, test prior to disturbance	plywood walls	Y	N
Walls	43		Chalkboards - Assumed, test prior to disturbance		Y	N
Counters	48	48B	Counter top material & glue - brown/cream mosaic pattern 15%	wood	Y	Y
Counters	71	71A	Sheet vinyl & brown mastic - pink wood grain		N	n/a
Counters	60	60B	Sheet vinyl & brown mastic - dark wood grain		N	n/a
Sink	-		Porcelain		n/a	n/a
Ceilings	62	62B	Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a
Ceilings	63		Fiberglass batt insulation paper jacketed	Wood slats	N	n/a
Ceilings	-		Wood slats	F/G batt	n/a	n/a
Ceilings	64		Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a
TSI	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y
TSI	75		Fiberglass pipe insulation cloth jacketed		N	n/a
	NOTE		Located above the original ceiling on the north side of the room			
Window	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

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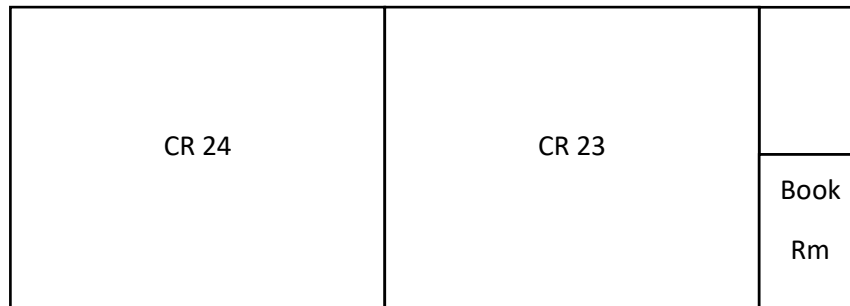
# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Buildings B, C, D & E (Rooms 17-27)		Room Name:	Classroom 22		Rm Ft <sup>2</sup> :	1140
		Room Dimensions:		L=38	W=30	H=10/13		
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N		
Floor	61		Carpet & glue - black with white dots	black mastic	N	n/a		
	NOTE		At entrances only.					
Floor	34		Carpet & glue - blue/green/red/cream multi	black mastic	N	n/a		
Floor	56		Black mastic	concrete	N	n/a		
	NOTE		Previously sampled by HMS 2016. no asbestos detected					
BB	57		Baseboard & glue 4" blue		N	n/a		
Walls	-		Plywood		n/a	n/a		
Walls	58		Tackboard & glue - Assumed, test prior to disturbance	plywood walls	Y	N		
Walls	43		Chalkboards - Assumed, test prior to disturbance		Y	N		
Counters	71		Sheet vinyl & brown mastic - pink wood grain		N	n/a		
Counters	48		Counter top material & glue - brown/cream mosaic pattern	Wood	Y	Y		
	NOTE		on angled counter. 15% Chrysotile					
Sink	-		Porcelain		n/a	n/a		
Ceilings	62		Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a		
Ceilings	63	63B	Fiberglass batt insulation paper jacketed	Wood slats	N	n/a		
Ceilings	-		Wood slats	F/G batt	n/a	n/a		
Ceilings	64	64B	Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a		
TSI	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y		
TSI	75		Fiberglass pipe insulation cloth jacketed		N	n/a		
	NOTE		Located above the original ceiling on the north side of the room					
Window	72		Transite Window Panel - Known Asbestos Material		Y	N		
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.					

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



Not Drawn to Scale



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

<b>Building:</b> Buildings B, C, D & E (Rooms 17-27) Located adjacent to CR 23	<b>Room Name:</b> Book Room	<b>Rm Ft<sup>2</sup>:</b> 112
	<b>Room Dimensions:</b> L=14 W=8 H=12	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	-		Concrete - bare & exposed		n/a	n/a
BB	-		Concrete - bare & exposed		n/a	n/a
Walls	73	73A	Plaster - smooth finish		N	n/a
Ceiling	73		Plaster - smooth finish		N	n/a
Sink	-		Porcelain			

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building:		Buildings B, C, D & E (Rooms 17-27)		Room Name:		Classroom 23		Rm Ft <sup>2</sup> :		960	
		Room Dimensions:		L=32		W=30		H=10/13			
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N					
Floor	61		Carpet & glue - black with white dots	black mastic	N	n/a					
	NOTE		At entrances only.								
Floor	34	34D	Carpet & glue - blue/green/red/cream multi	black mastic	N	n/a					
Floor	56		Black mastic	concrete	N	n/a					
	NOTE		Previously sampled by HMS 2016. no asbestos detected								
BB	57	57C	Baseboard & glue 4" blue		N	n/a					
Walls	-		Plywood		n/a	n/a					
Walls	58		Tackboard & glue	plywood walls	Y	N					
	NOTE		Assumed, test prior to disturbance								
Walls	43		Chalkboards		Y	N					
			Assumed, test prior to disturbance								
Counters	71		Sheet vinyl & brown mastic - pink wood grain		N	n/a					
Counters	78	78A	Sheet vinyl, black mastic & black felt - cream wood grain		N	n/a					
	NOTE		on angled counter								
Sink	-		Porcelain		n/a	n/a					
Ceilings	62	62C	Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a					
Ceilings	63		Fiberglass batt insulation paper jacketed	Wood slats	N	n/a					
Ceilings	-		Wood slats	F/G batt	n/a	n/a					
Ceilings	64		Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a					
TSI	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y					
TSI	75		Fiberglass pipe insulation cloth jacketed		N	n/a					
	NOTE		Located above the original ceiling on the north side of the room								
Window	72		Transite Window Panel - Known Asbestos Material		Y	N					
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.								

RED=contains asbestos

BLACK=no asbestos detected or non-suspect





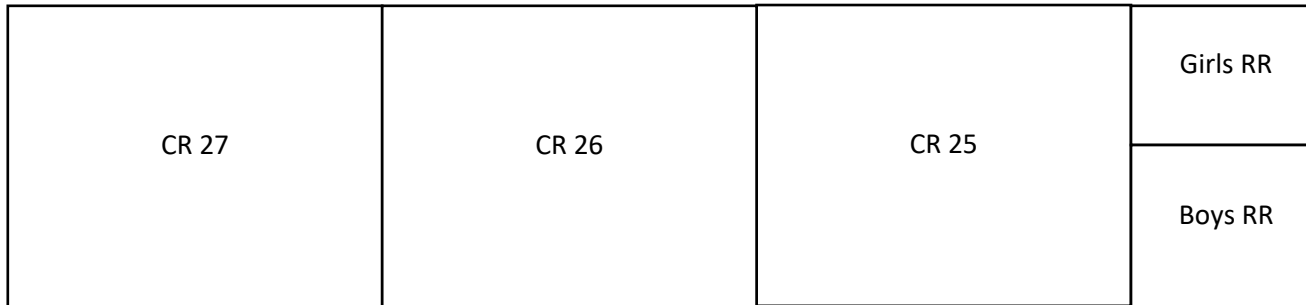
# YES Environmental, Inc.

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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Building:</b> Buildings B, C, D & E (Rooms 17-27) <b>Room Name:</b> Classroom 24 <b>Rm Ft<sup>2</sup>:</b> 960 <b>Room Dimensions:</b> L=32      W=30      H=10/13						
Floor	61	61C	Carpet & glue - black with white dots At entrances only.	black mastic	N	n/a
	NOTE					
Floor	34		Carpet & glue - blue/green/red/cream multi	black mastic	N	n/a
Floor	56		Black mastic	concrete	N	n/a
	NOTE		Previously sampled by HMS 2016. no asbestos detected			
BB	57		Baseboard & glue 4" blue		N	n/a
Walls	-		Plywood		n/a	n/a
Walls	58		Tackboard & glue	plywood walls	Y	N
	NOTE		Assumed, test prior to disturbance			
Walls	43		Chalkboards -Assumed, test prior to disturbance		Y	N
Counters	71		Sheet vinyl & brown mastic - pink wood grain		N	n/a
Counters	78		Sheet vinyl, black mastic & black felt - cream wood grain		N	n/a
	NOTE		on angled counter			
Sink	-		Porcelain		n/a	n/a
Ceilings	62		Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a
Ceilings	63	63C	Fiberglass batt insulation paper jacketed	Wood slats	N	n/a
Ceilings	-		Wood slats	F/G batt	n/a	n/a
Ceilings	64	64C	Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a
TSI	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y
TSI	75	75C	Fiberglass pipe insulation cloth jacketed		N	n/a
	NOTE		Located above the original ceiling on the north side of the room			
Window	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

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Not Drawn to Scale



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<b>Building:</b> Buildings B, C, D & E (Rooms 17-27) Located east of CR 25	<b>Room Name:</b> Boys RR	<b>Rm Ft<sup>2</sup>:</b> 224
	<b>Room Dimensions:</b> L=14 W=16 H=13	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	79	79A	Ceramic floor tile grout - brown (1"x2" browns)	Concrete	N	n/a
BB			none			
Walls	80		Ceramic wall tile grout - white (4"x6" cream w/gold)	Plaster	N	n/a
Walls	73		Plaster - smooth finish		N	n/a
Ceiling	73		Plaster - smooth finish		N	n/a
Window	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

<b>Building:</b> Buildings B, C, D & E (Rooms 17-27) Located east of CR 25	<b>Room Name:</b> Girls RR	<b>Rm Ft<sup>2</sup>:</b> 224
	<b>Room Dimensions:</b> L=14 W=16 H=13	

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	79		Ceramic floor tile grout - brown (1"x2" browns)	Concrete	N	n/a
BB			none			
Walls	80	80A	Ceramic wall tile grout - white (4"x6" cream w/gold)	Plaster	N	n/a
Walls	73	73B	Plaster - smooth finish		N	n/a
Ceiling	73		Plaster - smooth finish		N	n/a
Window	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Building:</b>	Buildings B, C, D & E (Rooms 17-27)		<b>Room Name:</b>	Classroom 25	<b>Rm Ft<sup>2</sup>:</b>	960
			<b>Room Dimensions:</b>	L=32 W=30 H=10/13		
<b>Floor</b>	61	61D	Carpet & glue - black with white dots	concrete	N	n/a
	NOTE		At entrances only.			
<b>Floor</b>	34		Carpet & glue - blue/green/red/cream multi	concrete	N	n/a
<b>BB</b>	57	57D	Baseboard & glue 4" blue		N	n/a
<b>Walls</b>	-		Plywood		n/a	n/a
<b>Walls</b>	58		Tackboard & glue	plywood walls	Y	N
	NOTE		Assumed, test prior to disturbance			
<b>Walls</b>	43		Chalkboards		Y	N
	NOTE		Assumed, test prior to disturbance			
<b>Counters</b>	71		Sheet vinyl & brown mastic - pink wood grain		N	n/a
<b>Counters</b>	78	78B	Sheet vinyl, black mastic & black felt - cream wood grain		N	n/a
	NOTE		on angled counter			
<b>Sink</b>	-		Porcelain		n/a	n/a
<b>Ceilings</b>	62		Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a
<b>Ceilings</b>	63		Fiberglass batt insulation paper jacketed	Wood slats	N	n/a
<b>Ceilings</b>	-		Wood slats	F/G batt	n/a	n/a
<b>Ceilings</b>	64		Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a
<b>TSI</b>	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y
<b>TSI</b>	75		fiberglass pipe insulation cloth jacketed		N	n/a
	NOTE		Located above the original ceiling on the north side of the room			
<b>Window</b>	72		Transite Window Panel - Known Asbestos Material		Y	N
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.			

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Building:		Buildings B, C, D & E (Rooms 17-27)		Room Name:	Classroom 26		Rm Ft <sup>2</sup> :	960	
		Room Dimensions:		L=32	W=30	H=10/13			
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N			
Floor	61		Carpet & glue - black with white dots	concrete	N	n/a			
	NOTE		At entrances only.						
Floor	34	34E	Carpet & glue - blue/green/red/cream multi	concrete	N	n/a			
BB	57		Baseboard & glue 4" blue		N	n/a			
Walls	-		Plywood		n/a	n/a			
Walls	58		Tackboard & glue	plywood walls	Y	N			
	NOTE		Assumed, test prior to disturbance						
Walls	43		Chalkboards		Y	N			
	NOTE		Assumed, test prior to disturbance						
Counters	71		Sheet vinyl & brown mastic - pink wood grain		N	n/a			
Counters	78		Sheet vinyl, black mastic & black felt - cream wood grain		N	n/a			
	NOTE		on angled counter						
Sink	-		Porcelain		n/a	n/a			
Ceilings	62	62D	Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a			
Ceilings	63	63D	Fiberglass batt insulation paper jacketed	Wood slats	N	n/a			
Ceilings	-		Wood slats	F/G batt	n/a	n/a			
Ceilings	64	64D	Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a			
TSI	81	A	Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y			
TSI	75		Fiberglass pipe insulation cloth jacketed		N	n/a			
	NOTE		Located above the original ceiling on the north side of the room						
Window	72		Transite Window Panel - Known Asbestos Material		Y	N			
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.						

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Building:		Buildings B, C, D & E (Rooms 17-27)		Room Name:	Classroom 27		Rm Ft <sup>2</sup> :	960	
		Room Dimensions:		L=32	W=30	H=10/13			
Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N			
Floor	61		Carpet & glue - black with white dots	concrete	N	n/a			
	NOTE		At entrances only.						
Floor	34		Carpet & glue - blue/green/red/cream multi	concrete	N	n/a			
BB	57		Baseboard & glue 4" blue		N	n/a			
Walls	-		Plywood		n/a	n/a			
Walls	58		Tackboard & glue	plywood walls	Y	N			
	NOTE		Assumed, test prior to disturbance						
Walls	43		Chalkboards		Y	N			
	NOTE		Assumed, test prior to disturbance						
Counters	71	71B	Sheet vinyl & brown mastic - pink wood grain		N	n/a			
Counters	78		Sheet vinyl, black mastic & black felt - cream wood grain		N	n/a			
	NOTE		on angled counter						
Sink	-		Porcelain		n/a	n/a			
Ceilings	62		Lay-in panels 2'x4' gouge PH pattern	F/G batt	N	n/a			
Ceilings	63		Fiberglass batt insulation paper jacketed	Wood slats	N	n/a			
Ceilings	-		Wood slats	F/G batt	n/a	n/a			
Ceilings	64		Fiberglass batt insulation black paper jacketed	Diagonal sheathing	N	n/a			
TSI	81		Cloth jacketed over mudded pipe joint/junction insulation-5% CH		Y	Y			
TSI	75		Fiberglass pipe insulation cloth jacketed		N	n/a			
	NOTE		Located above the original ceiling on the north side of the room						
Window	72		Transite Window Panel - Known Asbestos Material		Y	N			
	NOTE		This material can be accessed from both the outside & inside of the building. Therefore it is noted in both spaces - interiors and exterior of building.						

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<b>Building:</b> Classrooms 17-27	<b>Room Name:</b> Exterior
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Ground					n/a	n/a
Ground					n/a	n/a
<b>Walls</b>						
<b>Windows</b>	74	74A-G	Exterior window putty		Y	Y
	NOTE		2% - 7% CH			
<b>Windows</b>	72		Transite window panel (known to contain asbestos)		Y	N
	NOTE		These are window infills on the upper window. Noted on both interiors & exterior.			
<b>Walls</b>	76	76A-H	Exterior stucco & vapor barrier		N	n/a
<b>Eaves</b>	76	76A-H	Exterior stucco & vapor barrier		N	n/a
<b>Roof</b>	83	83A-D	White coating on foam on silver paint on shingled roofing & felts		Y	N
	NOTE		Silver paint = 2% CH		Y	N
<b>Roof</b>	84	84A-D	White coating on foam on silver paint on shingled roofing & felts		Y	N
	NOTE		Silver paint = 2% CH			
<b>Roof</b>	85	85A-B	White coating on foam on silver paint on rolled comp roofing & felts		Y	N
	NOTE		Silver paint = 2% CH, Felt = 20% CH			
<b>Roof</b>	82	82A-D	Foamed over mastic - black/grey on silver paint		Y	N
	NOTE		Foame=ND: Silver paint = 2% CH, Mastic = 5% CH			
<b>Pipe</b>	91		Transite Pipe 18"		Y	N
	NOTE		Known asbestos material. From the roof where it is exposed, it goes down into the building.			

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# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Client: Bakersfield City School District

Site: Horace Mann ES

YES Project No.: 22YES-64

Date of Inspection: 11/8/2022

## Inspection Report

<b>Building:</b>	Rooms 28-29	<b>Room Name:</b>	Classroom 28
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	92	92A	Drywall, orangepeel texture			
Ceiling	93	93A	Lay-in panels 2'x4' large fissure pinhole	f/g batt insulation		
Ceiling	94	94A	Fiberglass batt insulation paper jacketed			

Walls in this building were limited to the materials above the ceiling in accordance with BCSD plans for fire alarm system upgrade.

<b>Building:</b>	Rooms 28-29	<b>Room Name:</b>	Classroom 29
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	92	92B	Drywall, orangepeel texture			
Ceiling	93		Lay-in panels 2'x4' large fissure pinhole	f/g batt insulation		
Ceiling	94		Fiberglass batt insulation paper jacketed			

Walls in this building were limited to the materials above the ceiling in accordance with BCSD plans for fire alarm system upgrade.

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**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11/8/2022

## Inspection Report

<b>Building:</b> Chiller Yard	<b>Room Name:</b> Chiller Yard
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
<b>Ground</b>	-		Concrete - bare & exposed		n/a	n/a
<b>Walls</b>	-		CMU		n/a	n/a
<b>Pipes</b>	86	86A-B	Pipe insulation paper/foil jacketed		N	n/a
	NOTE		all concealed behind metal jacketing			
<b>Valves</b>	87	87A	Mastic - black/grey		N	n/a
<b>Booster</b>	88	88A	Mudded end		N	n/a
<b>Pump Only</b>						
<b>Debris Pile</b>	90	A	Insulation blanket - cloth jacketed		N	n/a

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**Building:** Covered Walkway - North **Room Name:** Walkway  
Runs north to south between 23-27

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Roof	85	85B	White coating on foam on silver paint on rolled comp roofing & felts	Wood	Y	N
	NOTE		White foam=ND; Silver paint=2% CH; Felts 20% CH			
Roof	82	A-D	Mastic - black/grey on silver paint		Y	N
	NOTE		White foam=ND; Silver paint 2% CH; Mastic=5% CH			

**Building:** Covered Walkway - South **Room Name:** Walkway  
Runs north to south between 17-22

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Roof	85	85A	White coating on foam on silver paint on rolled comp roofing & felts	Wood	Y	N
	NOTE		White foam=ND; Silver paint=2% CH; Felts 20% CH			
Roof	82	A-D	Mastic - black/grey on silver paint		Y	N
	NOTE		White foam=ND; Silver paint 2% CH; Mastic=5% CH			

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**Client:** Bakersfield City School District  
**Site:** Horace Mann ES

**YES Project No.:** 22YES-64  
**Date of Inspection:** 11/8/2022

## Inspection Report

<b>Building:</b> Admin	<b>Room Name:</b> Representative of ceilings throughout
------------------------	---

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	111	111A	Unfinished drywall with tackboard glue		N	n/a
Ceiling	112	112A	Lay-in panels 2'x4' fiberglass w/OP pattern		N	n/a

**Inspection limited to ceilings and walls above the ceilings in these buildings for fire alarm work in accordance with BCSD plans.**

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**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11/8/2022

## Inspection Report

<b>Building:</b> Bungalows R2-R4	<b>Room Name:</b> Representative of ceilings throughout
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Ceiling	95	95A	Acoustic ceiling tile - 12" uniform hole (nailed)			

**Inspection limited to ceilings in this building for fire alarm work in accordance with BCSD plans.**

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**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11/8/2022

## Inspection Report

**Building:** Portable Classrooms B1-B2

**Room Name:** Representative of ceilings throughout

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	96	96A	Unfinished drywall with tackboard glue			
Ceiling	97	97A	Lay-in panels 2'x4' fiberglass w/OP pattern		N	n/a

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**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11/8/2022

## Inspection Report

<b>Building:</b> Bungalows B3-B4	<b>Room Name:</b> Representative of ceilings throughout
----------------------------------	---

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Ceiling	95		Acoustic ceiling tile - 12" uniform hole (nailed)		N	n/a

**Inspection limited to ceilings in this building for fire alarm work in accordance with BCSD plans.**

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**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11/8/2022

## Inspection Report

**Building:** Portable Classrooms B5-B7 **Room Name:** Representative of ceilings throughout

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	98	98A	Unfinished drywall with tackboard glue			
Ceiling	99	99A	Lay-in panels 2'x4' fiberglass w/OP pattern		N	n/a

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**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11/8/2022

## Inspection Report

<b>Building:</b>	Portable Restroom (R9)	<b>Room Name:</b>	Representative of ceilings throughout
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	101	101A	Unfinished drywall with FRP glue			
Ceiling	100	100A	Lay-in panels 2'x4' drywall vinyl jacketed		N	n/a

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**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11/8/2022

## Inspection Report

**Building:** Portable Classrooms B9-B14

**Room Name:** Representative of ceilings throughout

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	107	107A	Unfinished drywall with tackboard glue		N	n/a
Ceiling	108	108A	Lay-in panels 2'x4' fissure pinhole		N	n/a

**Inspection limited to ceilings and walls above the ceilings in these buildings for fire alarm work in accordance with BCSD plans.**

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**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11/8/2022

## Inspection Report

**Building:** Portable Classrooms B15-B20

**Room Name:** Representative of ceilings throughout

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	104	104A	Exterior black vapor barrier			
Walls	103	103A	Unfinished drywall with tackboard glue			
Ceiling	102	102A	Lay-in panels 2'x4' fissure pinhole		N	n/a

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BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11/8/2022

## Inspection Report

<b>Building:</b>	Portable Classrooms B21-B23	<b>Room Name:</b>	Representative of ceilings throughout
------------------	-----------------------------	-------------------	---------------------------------------

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	105	105A	Unfinished drywall with tackboard glue			
Ceiling	106	106A	Lay-in panels 2'x4' fissure pinhole		N	n/a

**Inspection limited to ceilings and walls above the ceilings in these buildings for fire alarm work in accordance with BCSD plans.**

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



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**Client:** Bakersfield City School District

**Site:** Horace Mann ES

**YES Project No.:** 22YES-64

**Date of Inspection:** 11/8/2022

## Inspection Report

**Building:** Portable Building R25 (Conference Room)

**Room Name:** Representative of ceilings throughout

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Walls	109	109A	Unfinished drywall with tackboard glue			
Ceiling	110	110A	Lay-in panels 2'x4' fissure pinhole		N	n/a

**Inspection limited to ceilings and walls above the ceilings in these buildings for fire alarm work in accordance with BCSD plans.**

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**Client:** Bakersfield City School District  
**Site:** Horace Mann ES

**YES Project No.:** 22YES-64  
**Date of Inspection:** 11/8/2022

## Inspection Report

<b>Building:</b>	Building F (Restroom Building)	<b>Room Name:</b>	Representative of ceilings throughout
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Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Ceiling	8		Plaster - smooth		N	n/a

**Inspection limited to ceilings and walls above the ceilings in these buildings for fire alarm work in accordance with BCSD plans.**

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Attachment B – Lead XRF Inspection, CDPH 8552 & Maps



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## CLIENT DEFINED SURVEY FOR LEAD BASED PAINT

**Client:** Bakersfield City School District

**Site:** Horace Mann Elementary School

**YES, Inc. Project Number:** 22YES-64

**NITON Serial #:** 105041 **Model #:** XLp 300A

Date	12-07-2022	Start Time	2:30 pm	Beginning Calibration	1.04 =	0.90	1.04 =	1.10	1.04 =	1.10	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	12-07-2022	End Time	6:30 pm	Ending Calibration	1.04 =	1.10	1.04 =	0.90	1.04 =	0.90	

NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>WEST MAIN BUILDING - INTERIOR</b>							
1.	CR 14 – WEST SIDE	PONY WALL	WOOD	GREY	FAIR	0.21	LCP
2.	CR 14 – SOUTH SIDE	DOOR	WOOD	GREY	FAIR	0.00	LCP
3.	CR 14 – SOUTH SIDE	DOOR JAMB	WOOD	GREY	FAIR	0.80	LCP
4.	CR 14 – SOUTH SIDE	DOOR STOP	WOOD	GREY	FAIR	0.60	LCP
5.	CR 14 – NORTH SIDE	CABINET DOOR	WOOD	GREY	FAIR	0.22	LCP
6.	CR 14 – NORTH SIDE	CABINET	WOOD	GREY	FAIR	1.90	LBP
7.	CR 14 – NORTH SIDE EAST END	DOOR	WOOD	LT GREEN	FAIR	0.13	LCP
8.	CR 13 – SOUTH WALL WEST END	WALL	PLASTER	CREAM	FAIR	0.02	LCP
9.	CR 13 – SOUTH SIDE	WINDOW SILL	WOOD	GREY	FAIR	0.00	LCP
10.	CR 13 – SOUTH SIDE EAST END	WINDOW FRAME	WOOD	GREY	FAIR	0.00	LCP
11.	CR 13 – NORTH SIDE	CHALKBOARD FRAME	WOOD	GREY	INTACT	0.40	LCP
12.	CR 13 – WEST SIDE	WALL	WOOD	CREAM	INTACT	0.00	LCP



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>WEST MAIN BUILDING – INTERIOR CONTINUED</b>							
13.	CR 13 – NORTH SIDE	DOOR TRANSOM	DRYWALL	GREY	INTACT	0.00	LCP
14.	CR 12 – WEST SIDE	LOWER WALL	SMOOTH PLASTER	GREY	INTACT	0.00	LCP
15.	CR 12 – SOUTH SIDE	LOWER WALL	SMOOTH PASTER	CREAM	INTACT	0.00	LCP
16.	CR 12 – SOUTH SIDE	UPPER WALL	ROUGH PLASTER	CREAM	INTACT	0.00	LCP
17.	CR 12 – WEST SIDE	PONY WALL	WOOD	GREY	INTACT	0.09	LCP
18.	CR 12 – SOUTH SIDE	CHALKBOARD TRAY	WOOD	GREY	INTACT	0.24	LCP
19.	CR 12 – NORTH SIDE	VERTICAL SQUARE COLUMN	WOOD	GREY	INTACT	0.40	LCP
20.	CR 11 – NORTH SIDE	DOOR	WOOD	GREY	INTACT	0.00	LCP
21.	CR 11 – SOUTH SIDE	VERTICAL CHASE	METAL	CREAM	INTACT	0.00	LCP
22.	CR 11 – NORTH SIDE	BASEBOARD	WOOD	CREAM	FAIR	0.40	LCP
23.	CR 11 – NORTH SIDE	LOWER WALL	SMOOTH PLASTER	CREAM	INTACT	0.18	LCP
24.	CR 11 – SOUTH SIDE	COUNTER TOP	WOOD	VARNISH	FAIR	0.06	LCP
25.	CR 10 – SOUTH SIDE	DOOR JAMB	WOOD	GREY	FAIR	1.40	LBP
26.	CR 10 – SOUTH SIDE	DOOR TRIM	WOOD	GREY	FAIR	0.30	LCP





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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>WEST MAIN BUILDING – INTERIOR CONTINUED</b>							
27.	CR 10 – NORTH SIDE	DOOR	WOOD	LT GREEN	FAIR	0.26	LCP
28.	CR 10 – NORTH SIDE	DOOR JAMB	WOOD	GREY	FAIR	0.40	LCP
29.	CR 10 – NORTH SIDE	CABINET	WOOD	GREY	FAIR	0.23	LCP
30.	CR 10 – NORTH SIDE	WALL	SANDED PLASTER	CREAM	INTACT	0.04	LCP
31.	CR 10 – NORTH SIDE	WINDOW SILL	WOOD	GREY	INTACT	0.17	LCP
32.	CR 10 – NORTH SIDE	WINDOW	WOOD	GREY	INTACT	2.40	LBP
33.	CR 9 – SOUTH SIDE	WINDOW SKIRT	WOOD	GREY	INTACT	0.00	LCP
34.	ROOM 10A – WEST SIDE	WALL	SMOOTH PLASTER	CREAM	FAIR	0.50	LCP
35.	WEST HALLWAY AT ROOM 10A	LOWER WALL	SMOOTH PLASTER	CREAM	INTACT	0.21	LCP
36.	WEST HALLWAY AT ROOM 9	MID-WALL CHAIR RAIL	WOOD	CREAM	INTACT	0.28	LCP
37.	WEST HALLWAY NORTH SIDE BETWEEN 12 & 10	FIRE EXTINGUISHER CABINET	METAL	CREAM	INTACT	0.11	LCP
38.	WEST HALLWAY AT CR 11	DOOR FRAME	WOOD	GREY	FAIR	0.17	LCP
39.	WEST HALLWAY – SOUTH SIDE BETWEEN 24 & 12	WALL	SANDED PLASTER	CREAM	FAIR	0.23	LCP



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>WEST MAIN BUILDING – INTERIOR CONTINUED</b>							
40.	WEST HALLWAY – WEST SIDE	DOUBLE DOORS	WOOD	LT GREEN	INTACT	0.21	LCP
41.	WOMEN’S RR – NORTH SIDE	WALL	CERAMIC TILE	LT GREY	INTACT	8.30	LBP
42.	WOMEN’S RR – CENTER	FLOOR	CERAMIC TILE	GREY	FAIR	0.00	LCP
43.	WOMEN’S RR – NE AREA	CABINET	WOOD	GREY	FAIR	0.20	LCP
44.	WOMEN’S RR – CENTER	CEILING	SMOOTH PLASTER	CREAM	INTACT	0.00	LCP
45.	WOMEN’S RR – AT ENTRY	DOOR FRAME	METAL	GREY	FAIR	0.00	LCP
<b>WEST MAIN BUILDING – EXTERIOR</b>							
46.	SOUTH SIDE CENTER	PONY WALL	CONCRETE	GREEN	INTACT	0.00	LCP
47.	SOUTH SIDE WEST END	LOUVER	METAL	CREAM	FAIR	0.00	LCP
48.	SOUTH SIDE WEST END	LOUVER FRAME	WOOD	CREAM	FAIR	0.00	LCP
49.	SOUTH SIDE CENTER	WINDOW TRIM	WOOD	CREAM	FAIR	0.00	LCP
50.	NORTH SIDE NEAR CR 14	WINDOW	WOOD	CREAM	FAIR	4.70	LBP
51.	NORTH SIDE NEAR CR 12	WINDOW SILL	WOOD	CREAM	FAIR	2.90	LBP
52.	NORTH SIDE NEAR CR 10	WINDOW SILL	CONCRETE	CREAM	INTACT	0.06	LCP
53.	NORTH SIDE AT CR 14	DOOR	WOOD	LT GREEN	FAIR	5.40	LBP



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>WEST MAIN BUILDING – EXTERIOR CONTINUED</b>							
54.	NORTH SIDE AT CR 14	DOOR FRAME	WOOD	LT GREEN	FAIR	4.30	LBP
55.	NORTH SIDE NEAR CR 10	WALL	STUCCO	CREAM	INTACT	0.01	LCP
56.	NORTH SIDE NEAR CR 10	WALL	STUCCO	GREEN	INTACT	0.00	LCP
57.	SOUTH SIDE AT CR 9	WALL	STUCCO	ORANGE	INTACT	0.00	LCP
58.	SOUTH SIDE AT CR 9	WALL INFILL	CONCRETE	CREAM	INTACT	0.00	LCP
59.	SOUTH SIDE AT CR 9	DOWN SPOUT	METAL	CREAM	FAIR	0.05	LCP
60.	SOUTH SIDE AT CENTER DOUBLE DOOR WAY	DOOR	METAL	GREY	INTACT	0.00	LCP
61.	SOUTH SIDE AT CENTER DOUBLE DOOR WAY	DOOR FRAME	METAL	GREY	INTACT	0.00	LCP
62.	SOUTH SIDE AT CENTER DOUBLE DOORWAY	DOOR TRANSOM	WOOD	LT GREEN	INTACT	0.02	LCP
63.	SOUTH SIDE CENTER	WINDOW TRIM	STUCCO	BLACK	INTACT	0.30	LCP
<b>EAST MAIN BUILDING - INTERIOR</b>							
64.	EAST HALLWAY – SOUTH SIDE NEAR CR 8	BASEBOARD	WOOD	CREAM	FAIR	2.00	LBP
65.	EAST HALLWAY NEAR CR 7	UPPER WALL	SANDED PLASTER	CREAM	INTACT	1.40	LBP
66.	EAST HALLWAY SOUTH SIDE BETWEEN CR 8 & EAST OFFICE	LOWER WALL	SMOOTH PLASTER	CREAM	INTACT	4.30	LBP



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>EAST MAIN BUILDING – INTERIOR CONTINUED</b>							
67.	EAST HALLWAY NORTH SIDE BETWEEN CR 4&5	LOWER WALL	SMOOTH PLASTER	CREAM	INTACT	3.60	LBP
68.	EAST HALLWAY SOUTH SIDE BETWEEN 3 & WEST ADJ OFFICE	UPPER WALL	SANDED PLASTER	CREAM	INTACT	5.70	LBP
69.	EAST HALLWAY SOUTH SIDE AT HR OFFICE	BASEBOARD	WOOD	CREAM	FAIR	2.70	LBP
70.	EAST HALLWAY – SOUTH SIDE AT SOUTH DOUBLE DOORS	DOUBLE DOOR	WOOD	LT GREEN	INTACT	0.18	LCP
71.	EAST HALLWAY – SOUTH SIDE AT SOUTH DOUBLE DOORS	DOOR INFILL	WOOD	LT GREEN	INTACT	0.00	LCP
72.	EAST HALLWAY – AT SOUTH DOUBLE DOORS	DOOR FRAME	WOOD	LT GREEN	FAIR	10.70	LBP
73.	EAST HALLWAY – AT SOUTH DOUBLE DOORS	DOOR STOP	WOOD	GREY	INTACT	2.20	LBP
74.	EAST HALLWAY AT HR OFFICE	DOOR TRANSOM	DRYWALL	GREY	INTACT	0.00	LCP
75.	EAST HALLWAY NORTH SIDE BETWEEN CR 4 & 5	WINDOW INFILL	DRYWALL	CREAM	INTACT	0.00	LCP
76.	EAST HALLWAY – FAR EAST DOOR WAY	WINDOW	WOOD	GREY	INTACT	2.60	LBP
77.	CR 8 – EAST SIDE	CABINET DOOR	WOOD	GREY	FAIR	0.14	LCP
78.	CR 8 – SOUTH SIDE	CABINET	WOOD	GREY	FAIR	0.07	LCP
79.	CR 8 – SOUTH SIDE	WINDOW SILL	WOOD	GREY	INTACT	0.00	LCP



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>EAST MAIN BUILDING – INTERIOR CONTINUED</b>							
80.	CR 7 – NORTH SIDE	DOOR FRAME	WOOD	GREY	FAIR	3.70	LBP
81.	CR 7 – NORTH SIDE	DOOR	WOOD	LT GREEN	FAIR	0.00	LCP
82.	CR 7 – NORTH SIDE	WINDOW	WOOD	GREY	INTACT	3.90	LBP
83.	CR 7 – EAST SIDE	CABINET	WOOD	GREY	FAIR	0.03	LCP
84.	CR 7 – EAST SIDE	UPPER WALL	WOOD	CREAM	INTACT	0.07	LCP
85.	CR 7 – EAST SIDE	CABINET TRIM	WOOD	GREY	INTACT	0.20	LCP
86.	ACADEMIC COACH OFFICE – CENTER	CEILING TILE 2'X4'	PRESSED BOARD	WHITE	INTACT	0.00	LCP
87.	ACADEMIC COACH OFFICE – CENTER	CEILING GRID	METAL	WHITE	INTACT	0.00	LCP
88.	ACADEMIC COACH OFFICE – CENTER	CEILING TILE 12"	PRESSED BOARD	WHITE	INTACT	0.00	LCP
89.	ACADEMIC COACH OFFICE – SOUTH SIDE	WALL	SANDED PLASTER	CREAM	INTACT	0.07	LCP
90.	AC NW RESTROOM – SINK	SINK	PORCELAIN	WHITE	INTACT	0.00	LCP
91.	AC NW RESTROOM – WEST SIDE	BASEBOARD	WOOD	CREAM	INTACT	3.00	LBP
92.	AC NW RESTROOM – EAST SIDE	UPPER WALL	SANDED PLASTER	CREAM	INTACT	0.24	LCP
93.	AC NW RESTROOM – WEST SIDE	LOWER WALL	SMOOTH PLASTER	CREAM	INTACT	0.21	LCP



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>EAST MAIN BUILDING – INTERIOR CONTINUED</b>							
94.	SUPPLY RM (ADJ. TO CR 3) – EAST SIDE	SHELF	WOOD	GREY	INTACT	0.10	LCP
95.	SUPPLY RM (ADJ. TO CR 3) – SOUTH SIDE	WINDOW SKIRT	WOOD	GREY	INTACT	0.00	LCP
96.	SUPPLY RM (ADJ. TO CR 3) – SOUTH SIDE	WINDOW SILL	WOOD	GREY	INTACT	0.00	LCP
97.	SUPPLY RM (ADJ. TO CR 3) – WEST SIDE	WALL	WOOD	GREY	INTACT	0.27	LCP
98.	HR SE RR – NORTH SIDE	LOWER WALL	SMOOTH PLASTER	GREY	INTACT	3.90	LBP
99.	HR SE RR – NORTH SIDE	UPPER WALL	SANDED PLASTER	GREY	INTACT	3.00	LBP
100.	HR SE RR – NORTH SIDE	SHELF	WOOD	GREY	INTACT	0.07	LCP
101.	HR SE RR – AT ENTRY	DOOR	WOOD	GREY	INTACT	2.80	LBP
102.	HR NE SUPPLY ROOM – NORTH SIDE	SHELF	WOOD	LT GREEN	FAIR	0.04	LCP
103.	CR 5 – SOUTH SIDE	WINDOW INFILL	DRYWALL	CREAM	INTACT	0.00	LCP
104.	CR 5 – SOUTH SIDE	WINDOW INFILL TRIM	WOOD	CREAM	INTACT	3.30	LBP
105.	CR 5 – SOUTH SIDE	DOOR	WOOD	GREY	FAIR	0.00	LCP
106.	GIRLS RR (ADJ. TO CR 4) – CENTER	CEILING	PLASTER	CREAM	INTACT	0.00	LCP



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>EAST MAIN BUILDING – INTERIOR CONTINUED</b>							
107	GIRLS RR (ADJ. TO CR 4) EAST SIDE	WALL	CERAMIC TILE	LT BLUE	INTACT	7.20	LBP
108	GIRLS RR (ADJ. TO CR 4) CENTER	FLOOR	CERAMIC TILE	GREY	INTACT	0.00	LCP
109	GIRLS RR (ADJ. TO CR 4) AT ENTRY	DOOR FRAME	METAL	GREY	FAIR	0.01	LCP
110	GIRLS RR (ADJ. TO CR 4) EAST SIDE	SINK	PORCELAIN	WHITE	INTACT	0.08	LCP
111	GIRLS RR (ADJ. TO CR 4) AT ENTRY	DOOR	WOOD	GREY	FAIR	0.00	LCP
112	CR 1 – SOUTH SIDE	WALL	SANDED PLASTER	CREAM	INTACT	0.18	LCP
113	CR 1 – WEST SIDE	CHALKBOARD TRAY	WOOD	CREAM	INTACT	0.30	LCP
114	CR 1 – NE DOORWAY	DOOR	WOOD	LT GREEN	FAIR	0.00	LCP
115	CR 1 – NE ENTRY	DOOR FRAME	WOOD	GREY	FAIR	0.15	LCP
116	CR 1 – EAST SIDE	WINDOW SILL	WOOD	GREY	FAIR	0.70	LCP
117	CR 1 – EAST SIDE	WINDOW	WOOD	GREY	FAIR	0.70	LCP
118	CR 1 – EAST SIDE	WINDOW FRAME	WOOD	GREY	FAIR	0.70	LCP
119	CR 1 RR FOYER – SOUTH SIDE	LOWER WALL	SMOOTH PLASTER	CREAM	INTACT	1.60	LBP
120	CR 1 RR FOYER – WEST SIDE	MID WALL CHAIR RAIL	WOOD	CREAM	INTACT	0.90	LCP



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>EAST MAIN BUILDING – INTERIOR CONTINUED</b>							
121	CR 1 RR FOYER – DOORWAY BETWEEN FOYER & CLASSROOM	DOOR FRAME	WOOD	GREY	FAIR	0.80	LCP
122	CR 1 BOYS RR – AT SINK	SINK	PORCELAIN	WHITE	INTACT	0.01	LCP
123	CR 2 – NORTH SIDE	CABINET	WOOD	GREY	FAIR	0.21	LCP
124	CR 2 – NORTH SIDE	CABINET DOOR	WOOD	GREY	FAIR	0.18	LCP
125	CR 2 – CENTER	CEILING TILE 2'X4'	PRESSED BOARD	WHITE	INTACT	0.00	LCP
126	CR 2 – CENTER	CEILING GRID	METAL	WHITE	INTACT	0.00	LCP
127	LIBRARY – EAST SIDE	LOWER WALL	SMOOTH PLASTER	CREAM	INTACT	0.40	LCP
128	LIBRARY – EAST SIDE	WINDOW SILL	WOOD	GREY	POOR	2.80	LBP
129	LIBRARY – EAST SIDE	WINDOW	WOOD	GREY	POOR	2.30	LBP
130	LIBRARY – NW AREA	CABINET	WOOD	LT GREY	INTACT	0.00	LCP
131	LIBRARY – EAST SIDE	CABINET	WOOD	DK BLUE	FAIR	1.30	LBP
<b>EAST MAIN BUILDING – EXTERIOR</b>							
132	CR 5 – NORTH SIDE	LOUVER	METAL	CREAM	FAIR	0.00	LCP
133	CR 5 – NORTH SIDE	LOUVER FRAME	WOOD	CREAM	FAIR	0.00	LCP





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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>EAST MAIN BUILDING – EXTERIOR CONTINUED</b>							
134	CR 6 – NORTH SIDE CENTER	UPPER ATTIC VENT	METAL	CREAM	INTACT	0.21	LCP
135	C 7 – CENTER	SHROUD	METAL	CREAM	FAIR	0.00	LCP
136	CR 7 – CENTER	WINDOW SILL	CONCRETE	CREAM	FAIR	0.40	LCP
137	SOUTH SIDE NEAR CR 2	HANDRAIL	METAL	GREEN	FAIR	0.01	LCP
138	CR 1 – AT WEST DOOR	DOOR	WOOD	LT GREEN	INTACT	24.10	LBP
139	CR 1 – WEST SIDE	WALL	STUCCO	CREAM	INTACT	0.14	LCP
140	CR 1 – AT WEST DOOR	DOOR FRAME	WOOD	LT GREEN	INTACT	0.22	LCP
141	CR 4 – NORTH SIDE CENTER	WINDOW	WOOD	CREAM	FAIR	17.80	LBP
142	CR 4 – NORTH SIDE CENTER	WINDOW SILL	WOOD	CREAM	FAIR	0.10	LCP
143	CR 5 – NORTH SIDE CENTER	WALL	STUCCO	ORANGE	INTACT	0.24	LCP
<b>BUILDING D – INTERIOR (17-19)</b>							
144	CR 17 – WEST SIDE	CABINET DOOR	WOOD	GREY	INTACT	0.40	LCP
145	CR 17 – WEST SIDE	CABINET	WOOD	GREY	INTACT	0.20	LCP
146	CR 17 – NORTH SIDE	SINK	PORCELAIN	WHITE	INTACT	8.40	LBP
147	CR 17 – EAST SIDE	UPPER WALL	WOOD	CREAM	INTACT	0.00	LCP



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>BUILDING D – INTERIOR (17-19) CONTINUED</b>							
148	CR 18 – AT SOUTH ENTRY	DOOR	WOOD	GREEN	FAIR	0.30	LCP
149	CR 18 – AT SOUTH ENTRY	DOOR JAMB	WOOD	GREEN	FAIR	0.80	LCP
150	CR 18 – AT SOUTH ENTRY	DOOR STOP	WOOD	GREY	FAIR	0.27	LCP
151	CR 18 – NORTH SIDE	WINDOW SILL	WOOD	GREY	FAIR	0.16	LCP
152	CR 18 – NORTH SIDE	WINDOW	WOOD	GREY	FAIR	0.15	LCP
153	CR 18 – NORTH SIDE	VERTICAL SQUARE POST	WOOD	GREY	FAIR	5.00	LBP
154	CR 18 – WEST SIDE	UPPER WALL	WOOD	CREAM	INTACT	0.06	LCP
155	CR 19 – CENTER	CEILING TILE 2'X4'	PRESSED BOARD	WHITE	INTACT	0.00	LCP
156	CR 19 – CENTER	CEILING GRID	METAL	WHITE	INTACT	0.00	LCP
157	CR 19 – NORTH ENTRY	DOOR	WOOD	GREEN	INTACT	0.22	LCP
158	CR 19 – NORTH ENTRY	DOOR JAMB	WOOD	GREEN	INTACT	1.30	LBP
159	CR 19 – NORTH ENTRY	DOOR STOP	WOOD	GREY	FAIR	0.30	LCP
160	CR 19 – SOUTH SIDE	VERTICAL SQUARE COLUMN	METAL	GREY	INTACT	2.10	LBP
161	CUSTODIAL RM – AT ENTRY	DOOR JAMB	WOOD	BROWN	POOR	0.09	LCP



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1201 24<sup>th</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>		
Date	12-07-2022	Start Time	2:30 pm	Beginning Calibration	1.04 = 0.90	1.04 = 1.10	1.04 = 1.10	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	12-07-2022	End Time	6:30 pm	Ending Calibration	1.04 = 1.10	1.04 = 0.90	1.04 = 0.90	
<b>BUILDING D – INTERIOR (17-19) CONTINUED</b>								
162	CUSTODIAL RM – AT ENTRY	DOOR STOP	WOOD	BROWN	POOR	0.06	LCP	
163	CUSTODIAL RM – EAST SIDE	SINK	PORCELAIN	WHITE	INTACT	0.00	LCP	
164	CUSTODIAL RM – SOUTH SIDE	WALL	SANDED PLASTER	GREEN	POOR	0.16	LCP	
165	CUSTODIAL RM – WEST SIDE	CABINETS	WOOD	GREEN	POOR	0.10	LCP	
<b>BUILDING D – EXTERIOR (17-19)</b>								
166	EAST SIDE	DRINKING FOUNTAIN	PORCELAIN	WHITE	INTACT	9.80	LBP	
167	EAST SIDE	WALL	STUCCO	CREAM	INTACT	0.00	LCP	
168	NE MECHANICAL RM	DOOR FRAME	WOOD	BROWN	POOR	0.04	LCP	
169	NE MECHANICAL RM – DOOR	DOOR	WOOD	BROWN	POOR	0.03	LCP	
170	NORTH SIDE EAST END	LOUVER	METAL	CREAM	INTACT	0.00	LCP	
171	NORTH SIDE AT CR 19	WINDOW SILL	WOOD	CREAM	INTACT	2.20	LBP	
172	NORTH SIDE AT CR 18	WINDOW	METAL	CREAM	INTACT	0.13	LCP	
173	NORTH SIDE AT CR 17	VERTICAL WINDOW SUPPORT	METAL	CREAM	INTACT	1.60	LBP	
INTENTIONALLY LEFT BLANK								



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>BUILDING D – EXTERIOR (17-19) CONTINUED</b>							
174	EAST SIDE	FIRE EXT. CABINET INFILL	WOOD	CREAM	FAIR	0.00	LCP
175	SOUTH SIDE AT CR 17	LOWER WALL	STUCCO	LT GREEN	INTACT	0.00	LCP
176	SOUTH SIDE CENTER	DRIP EDGE	METAL	GREEN	INTACT	0.00	LCP
177	SOUTH SIDE CENTER	FASCIA	METAL	GREEN	INTACT	0.00	LCP
178	SOUTH SIDE CENTER	SOFFIT	STUCCO	CREAM	INTACT	0.00	LCP
179	SOUTH SIDE AT CR 19	WINDOW INFILL	TRANSITE	CREAM	INTACT	0.03	LCP
<b>BUILDING E – INTERIOR (20-22)</b>							
180	CR 20 – NORTH SIDE	CABINET	WOOD	GREY	INTACT	0.24	LCP
181	CR 20 – NORTH SIDE	CABINET DOOR	WOOD	GREY	INTACT	0.50	LCP
182	CR 20 – NORTH SIDE	WINDOW SILL	WOOD	GREY	INTACT	0.40	LCP
183	CR 20 – NORTH SIDE	WINDOW	METAL	GREY	INTACT	0.08	LCP
184	CR 20 – NORTH SIDE	VERTICAL SQUARE COLUMN	METAL	GREY	INTACT	2.60	LBP
185	CR 20 – NORTH SIDE	SINK	PORCELAIN	WHITE	INTACT	0.01	LCP
186	CR 20 – WEST SIDE	WALL	WOOD	CREAM	INTACT	0.00	LCP
187	CR 21 – SOUTH SIDE	DOOR	WOOD	GREEN	FAIR	0.30	LCP



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>BUILDING E – INTERIOR (20-22) CONTINUED</b>							
188	CR 21 – SOUTH SIDE	DOOR JAMB	WOOD	GREEN	FAIR	0.60	LCP
189	CR 21 – SOUTH SIDE	DOOR STOP	WOOD	GREY	FAIR	0.24	LCP
190	CR 21 – NORTH SIDE	DOOR JAMB	WOOD	GREEN	FAIR	0.60	LCP
191	CR 21 – NORTH SIDE	DOOR	WOOD	GREEN	FAIR	0.00	LCP
192	CR 21 – NORTH SIDE CENTER	WALL	WOOD	CREAM	FAIR	0.21	LCP
193	CR 22 – CENTER	CEILING TILE 2'X4'	PRESSED BOARD	WHITE	INTACT	0.00	LCP
194	CR 22 – CENTER	CEILING GRID	METAL	WHITE	INTACT	0.00	LCP
195	CR 22 – SOUTH SIDE	VERTICAL SQUARE COLUMN	METAL	GREY	INTACT	3.20	LBP
<b>BUILDING E – EXTERIOR (20-22)</b>							
196	SOUTH SIDE EAST END	WALL	STUCCO	LT GREEN	INTACT	0.00	LCP
197	SOUTH SIDE AT CR 22	DOOR	WOOD	GREY	FAIR	0.14	LCP
198	SOUTH SIDE AT CR 22	DOOR FRAME	WOOD	GREY	FAIR	0.30	LCP
199	SOUTH SIDE CENTER	DRIP EDGE	METAL	GREEN	FAIR	0.00	LCP
200	SOUTH SIDE CENTER	FASCIA	METAL	GREEN	FAIR	0.28	LCP
201	SOUTH SIDE CENTER	SOFFIT	STUCCO	CREAM	INTACT	0.00	LCP



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>BUILDING C – INTERIOR (23-24)</b>							
202	CR 23 – WEST SIDE	CABINET	WOOD	LT GREY	INTACT	0.17	LCP
203	CR 23 – WEST SIDE	CABINET DOOR	WOOD	LT GREY	INTACT	0.27	LCP
204	CR 23 – SOUTH SIDE	WALL	WOOD	CREAM	INTACT	0.02	LCP
205	CR 23 – NORTH SIDE	DOOR	WOOD	GREEN	FAIR	0.00	LCP
206	CR 23 – NORTH SIDE	DOOR JAMB	WOOD	GREY	FAIR	0.08	LCP
207	CR 23 – NORTH SIDE	WINDOW SILL	WOOD	GREY	INTACT	0.01	LCP
208	CR 23 – NORTH SIDE	WINDOW	METAL	GREY	INTACT	0.05	LCP
209	CR 23 – NORTH SIDE	VERTICAL SQUARE COLUMN	METAL	GREY	INTACT	4.70	LBP
210	CR 24 – SOUTH SIDE	DOOR	WOOD	GREEN	FAIR	0.16	LCP
211	CR 24 – SOUTH SIDE	DOOR JAMB	WOOD	GREEN	FAIR	0.30	LCP
212	CR 24 – SOUTH SIDE	DOOR STOP	WOOD	GREY	FAIR	0.14	LCP
213	CR 24 – WEST SIDE	WALL	WOOD	CREAM	FAIR	0.00	LCP
214	CR 24 – NORTH SIDE	SINK	PORCELAIN	WHITE	INTACT	6.30	LBP
215	CR 24 – CENTER	CEILING TILE 2'X4'	PRESSED BOARD	WHITE	INTACT	0.00	LCP
INTENTIONALLY LEFT BLANK							



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>BUILDING C – INTERIOR (23-24) CONTINUED</b>							
216	CR 24 – CENTER	CEILING GRID	METAL	WHITE	INTACT	0.00	LCP
<b>BUILDING C – EXTERIOR (23-24)</b>							
217	SOUTH SIDE WEST END	DRIP EDGE	METAL	GREEN	INTACT	0.00	LCP
218	SOUTH SIDE CENTER	FASCIA	METAL	GREEN	INTACT	0.26	LCP
219	SOUTH SIDE WEST END	SOFFIT	STUCCO	CREAM	INTACT	0.00	LCP
220	NORTH SIDE EAST END	WINDOW SILL	WOOD	CREAM	FAIR	1.90	LBP
221	NORTH SIDE CENTER	WINDOW	METAL	CREAM	FAIR	0.20	LCP
222	NORTH SIDE EAST END	VERTICAL SUPPORT	METAL	CREAM	FAIR	3.10	LBP
223	NORTH SIDE	LOWER WALL	STUCCO	LT GREEN	INTACT	0.00	LCP
<b>BUILDING B – INTERIOR (25-27)</b>							
224	NE GIRLS RR – WEST SIDE	WALL	CERAMIC TILE	GOLD	INTACT	10.90	LBP
225	NE GIRLS RR – CENTER	FLOOR	CERAMIC TILE	BROWNS	INTACT	0.01	LCP
226	SE BOYS RR – WEST SIDE	UPPER WALL	SMOOTH PLASTER	CREAM	INTACT	0.11	LCP
227	CR 25 – WEST SIDE	CABINET	WOOD	LT GREY	FAIR	0.29	LCP
228	CR 25 – NE AREA	CABINET	WOOD	LT GREY	FAIR	0.22	LCP



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>BUILDING B – INTERIOR (25-27) CONTINUED</b>							
229	CR 25 – SOUTH SIDE	WALL	WOOD	CREAM	INTACT	0.00	LCP
230	CR 26 – NORTH ENTRY	DOOR	WOOD	GREEN	FAIR	0.00	LCP
231	CR 26 – NORTH ENTRY	DOOR JAMB	WOOD	GREEN	FAIR	0.70	LCP
232	CR 26 – NORTH SIDE CENTER	WINDOW SILL	WOOD	DK GREY	INTACT	1.50	LBP
233	CR 26 – NORTH SIDE CENTER	WINDOW	METAL	DK GREY	INTACT	0.13	LCP
234	CR 26 – NORTH SIDE CENTER	VERTICAL SQUARE COLUMN	METAL	DK GREY	INTACT	2.00	LBP
235	CR 26 – EAST SIDE	WALL	WOOD	CREAM	INTACT	0.00	LCP
236	CR 26 – CENTER	CEILING TILE 2'X4'	PRESSED BOARD	WHITE	INTACT	0.00	LCP
237	CR 26 – CENTER	CEILING GRID	METAL	WHITE	INTACT	0.00	LCP
<b>BUILDING B – EXTERIOR (25-27)</b>							
238	NORTH SIDE WEST END	DRIP EDGE	METAL	GREEN	INTACT	0.00	LCP
239	NORTH SIDE CENTER	FASCIA	METAL	GREEN	INTACT	0.26	LCP
240	NORTH SIDE WEST END	SOFFIT	STUCCO	CREAM	INTACT	0.00	LCP
241	NORTH SIDE EAST END	WINDOW SILL	WOOD	CREAM	FAIR	1.90	LBP
242	SOUTH SIDE CENTER	WINDOW	METAL	CREAM	FAIR	0.20	LCP





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Date	12-07-2022	Start Time	2:30 pm	Beginning Calibration	1.04 =	0.90	1.04 =	1.10	1.04 =	1.10	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	12-07-2022	End Time	6:30 pm	Ending Calibration	1.04 =	1.10	1.04 =	0.90	1.04 =	0.90	
NO.	SAMPLE LOCATION			COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>			
<b>BUILDING B – EXTERIOR (25-27) CONTINUED</b>											
243	SOUTH SIDE EAST END			VERTICAL SUPPORT	METAL	CREAM	FAIR	3.10		LBP	
244	SOUTH SIDE CENTER			LOWER WALL	STUCCO	LT GREEN	INTACT	0.00		LCP	



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Date	12-09-2022	Start Time	12:30 pm	Beginning Calibration	1.04 =	1.10	1.04 =	0.90	1.04 =	1.10	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	12-09-2022	End Time	1:30 PM	Ending Calibration	1.04 =	0.90	1.04 =	0.90	1.04 =	0.80	
NO.	SAMPLE LOCATION			COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>			
<b>COVERED WALKWAY THAT RUNS NORTH TO SOUTH BETWEEN 24 &amp; 20 AND 25 &amp; 19 – EXTERIOR</b>											
245	WALKWAY – CENTER			VERTICAL SQUARE COLUMN	METAL	GREEN	INTACT	4.60		LBP	
246	WALKWAY – CENTER			CEILING	STUCCO	CREAM	INTACT	0.00		LCP	
247	WALKWAY – SOUTH SIDE CENTER			DRIP EDGE	METAL	CREAM	INTACT	0.13		LCP	
<b>MAIN BUILDING’S NE COVERED WALKWAY – EXTERIOR</b>											
248	WALKWAY – CENTER			VERTICAL SQUARE COLUMN	METAL	GREEN	FAIR	3.30		LBP	
249	WALKWAY – NORTH SIDE			DRIP EDGE	METAL	GREEN	POOR	0.21		LCP	
250	WALKWAY – CENTER			CEILING	STUCCO	CREAM	INTACT	0.01		LCP	



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NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>		
Date	5-17-23	Start Time	4:00 pm	Beginning Calibration	1.04 = 0.88	1.04 = 0.99	1.04 = 0.89	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	5-17-23	End Time	5:00 PM	Ending Calibration	1.04 = 1.08	1.04 = 1.09	1.04 = 1.13	
<b>PORTABLE BUILDINGS – EXTERIOR R5-R26 (B1-B23)</b>								
251	R14 (B10) – WEST SIDE	WALL	WOOD	CREAM	INTACT	0.10	LCP	
252	R17 (B13) – WEST SIDE	WALL	WOOD	CREAM	INTACT	0.03	LCP	
253	R20 (B16) – SOUTH SIDE	WALL	WOOD	CREAM	INTACT	0.08	LCP	
254	R23 (B19) – SOUTH SIDE	WALL	WOOD	CREAM	INTACT	0.14	LCP	
255	R28 (B23) – NORTH SIDE	WALL	WOOD	CREAM	INTACT	0.11	LCP	
256	R26 (B21) – EAST SIDE	WALL	WOOD	CREAM	INTACT	0.09	LCP	
257	R9 – PORTABLE RESTROOM – WEST SIDE	WALL	WOOD	CREAM	INTACT	0.15	LCP	
258	R11 (B6) – NORTH SIDE CENTER	WALL	WOOD	CREAM	INTACT	0.01	LCP	
259	R7 (B2) – NORTH SIDE CENTER	WALL	WOOD	CREAM	INTACT	0.15	LCP	
260	R5 (B4) – NORTH SIDE CENTER	WALL	WOOD	CREAM	INTACT	0.16	LCP	
<b>PORTABLE BUILDINGS – EXTERIOR R2-R4</b>								
261	R3 (PTC) – SOUTH SIDE CENTER	WALL	WOOD	CREAM	INTACT	1.27	LBP	
<b>28-29 (PRE-K) – EXTERIOR</b>								
262	EAST SIDE CENTER	WALL	STUCCO	GREEN	INTACT	0.01	LCP	



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Date	5-17-23	Start Time	4:00 pm	Beginning Calibration	1.04 =	0.88	1.04 =	0.99	1.04 =	0.89	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	5-17-23	End Time	5:00 PM	Ending Calibration	1.04 =	1.08	1.04 =	1.09	1.04 =	1.13	
NO.	SAMPLE LOCATION			COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>			
<b>BUILDING F (RESTROOMS) – EXTERIOR</b>											
263	EAST SIDE CENTER			WALL	STUCCO	CREAM	INTACT	0.07		LCP	
<b>R25 (CONFERENCE) – EXTERIOR</b>											
264	NORTH SIDE CENTER			WALL	WOOD	CREAM	INTACT	0.01		LCP	
<b>R1 (ADMIN) – EXTERIOR</b>											
265	NORTH SIDE CENTER			WALL	WOOD	CREAM	INTACT	0.03		LCP	

End of XRF report.

## LEAD HAZARD EVALUATION REPORT

**Section 1 – Date of Lead Hazard Evaluation** 12-07-2022

**Section 2 – Type of Lead Hazard Evaluation (Check one box only)**

Lead Inspection     Risk assessment     Clearance Inspection     Other (specify) \_\_\_\_\_

**Section 3 – Structure Where Lead Hazard Evaluation Was Conducted**

Address [number, street, apartment (if applicable)]		City	County	Zip Code
2710 Niles street		Bakersfield	Kern	93306
Construction date (year) of structure	Type of structure		Children living in structure?	
Unknown	<input type="checkbox"/> Multi-unit building <input checked="" type="checkbox"/> School or daycare <input type="checkbox"/> Single family dwelling <input type="checkbox"/> Other _____		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't Know	

**Section 4 – Owner of Structure (if business/agency, list contact person)**

Name		Telephone number	
Bakersfield City School District		661-631-5883	
Address [number, street, apartment (if applicable)]		City	State
1300 Baker Street		Bakersfield	CA
		Zip Code	
			93305

**Section 5 – Results of Lead Hazard Evaluation (check all that apply)**

No lead-based paint detected     Intact lead-based paint detected     Deteriorated lead-based paint detected  
 No lead hazards detected     Lead-contaminated dust found     Lead-contaminated soil found     Other \_\_\_\_\_

**Section 6 – Individual Conducting Lead Hazard Evaluation**

Name		Telephone number	
Kristy Yowell		661-477-4662	
Address [number, street, apartment (if applicable)]		City	State
13708 Carpaccio Lane		Bakersfield	CA
		Zip Code	
			93306
CDPH certification number	Signature		Date
4640	<i>Kristy Yowell</i>		2-13-2023

Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable)

n/a

**Section 7 – Attachments**

- A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;
- B. Each testing method, device, and sampling procedure used;
- C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number.

First copy and attachments retained by inspector  
Second copy and attachments retained by owner

Third copy only (no attachments) mailed or faxed to:  
California Department of Public Health  
Childhood Lead Poisoning Prevention Branch Reports  
850 Marina Bay Parkway, Building P, Third Floor  
Richmond, CA 94804-6403  
Fax: (510) 620-5656

## LEAD HAZARD EVALUATION REPORT

**Section 1 – Date of Lead Hazard Evaluation** 05-17-2023

**Section 2 – Type of Lead Hazard Evaluation (Check one box only)**

Lead Inspection     Risk assessment     Clearance Inspection     Other (specify) \_\_\_\_\_

**Section 3 – Structure Where Lead Hazard Evaluation Was Conducted**

Address [number, street, apartment (if applicable)]		City	County	Zip Code
2710 Niles street		Bakersfield	Kern	93306
Construction date (year) of structure	Type of structure		Children living in structure?	
Unknown	<input type="checkbox"/> Multi-unit building <input checked="" type="checkbox"/> School or daycare <input type="checkbox"/> Single family dwelling <input type="checkbox"/> Other _____		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't Know	

**Section 4 – Owner of Structure (if business/agency, list contact person)**

Name		Telephone number		
Bakersfield City School District		661-631-5883		
Address [number, street, apartment (if applicable)]		City	State	Zip Code
1300 Baker Street		Bakersfield	CA	93305

**Section 5 – Results of Lead Hazard Evaluation (check all that apply)**

No lead-based paint detected     Intact lead-based paint detected     Deteriorated lead-based paint detected  
 No lead hazards detected     Lead-contaminated dust found     Lead-contaminated soil found     Other \_\_\_\_\_

**Section 6 – Individual Conducting Lead Hazard Evaluation**

Name		Telephone number		
Kristy Yowell		661-477-4662		
Address [number, street, apartment (if applicable)]		City	State	Zip Code
13708 Carpaccio Lane		Bakersfield	CA	93306
CDPH certification number	Signature		Date	
4640	<i>Kristy Yowell</i>		6-15-2023	

Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable)

n/a

**Section 7 – Attachments**

- A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;
- B. Each testing method, device, and sampling procedure used;
- C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number.

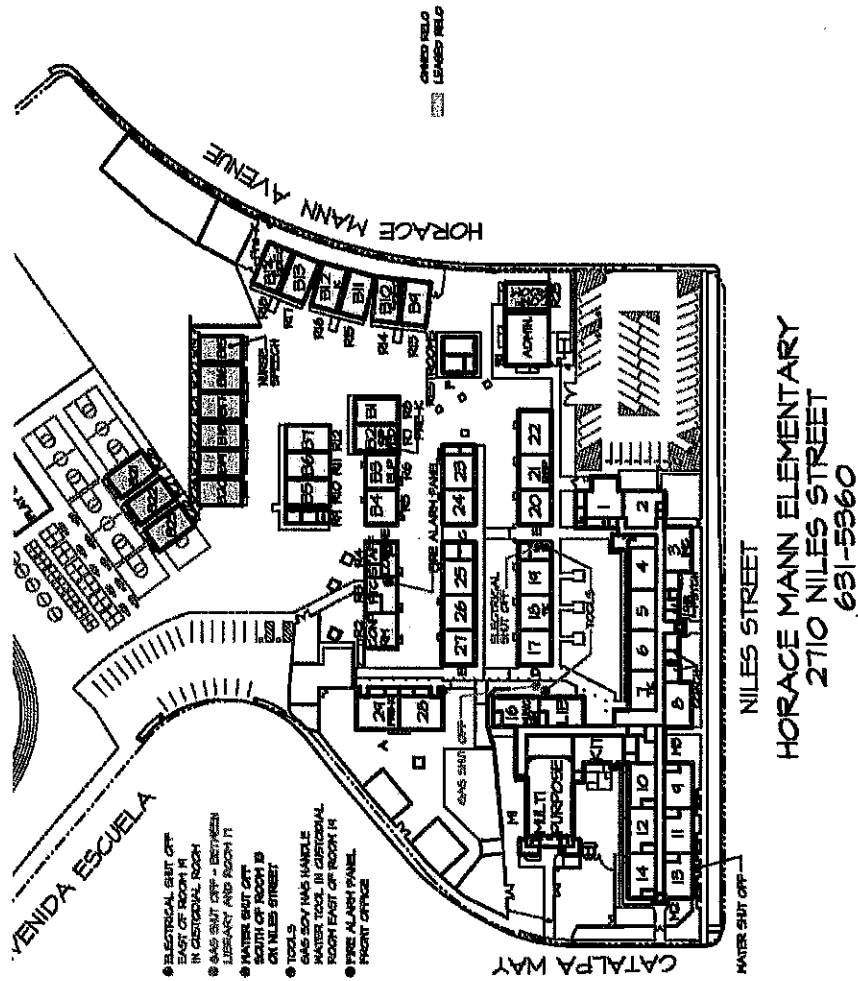
First copy and attachments retained by inspector  
Second copy and attachments retained by owner

Third copy only (no attachments) mailed or faxed to:  
California Department of Public Health  
Childhood Lead Poisoning Prevention Branch Reports  
850 Marina Bay Parkway, Building P, Third Floor  
Richmond, CA 94804-6403  
Fax: (510) 620-5656



Bakersfield City School District  
Horace Mann ES - 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 - January 2023

*Sample Maps  
L & P*



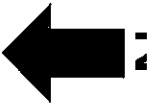
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OR 11.85 ACRES



**SITE PLAN**  
**11-17-21**

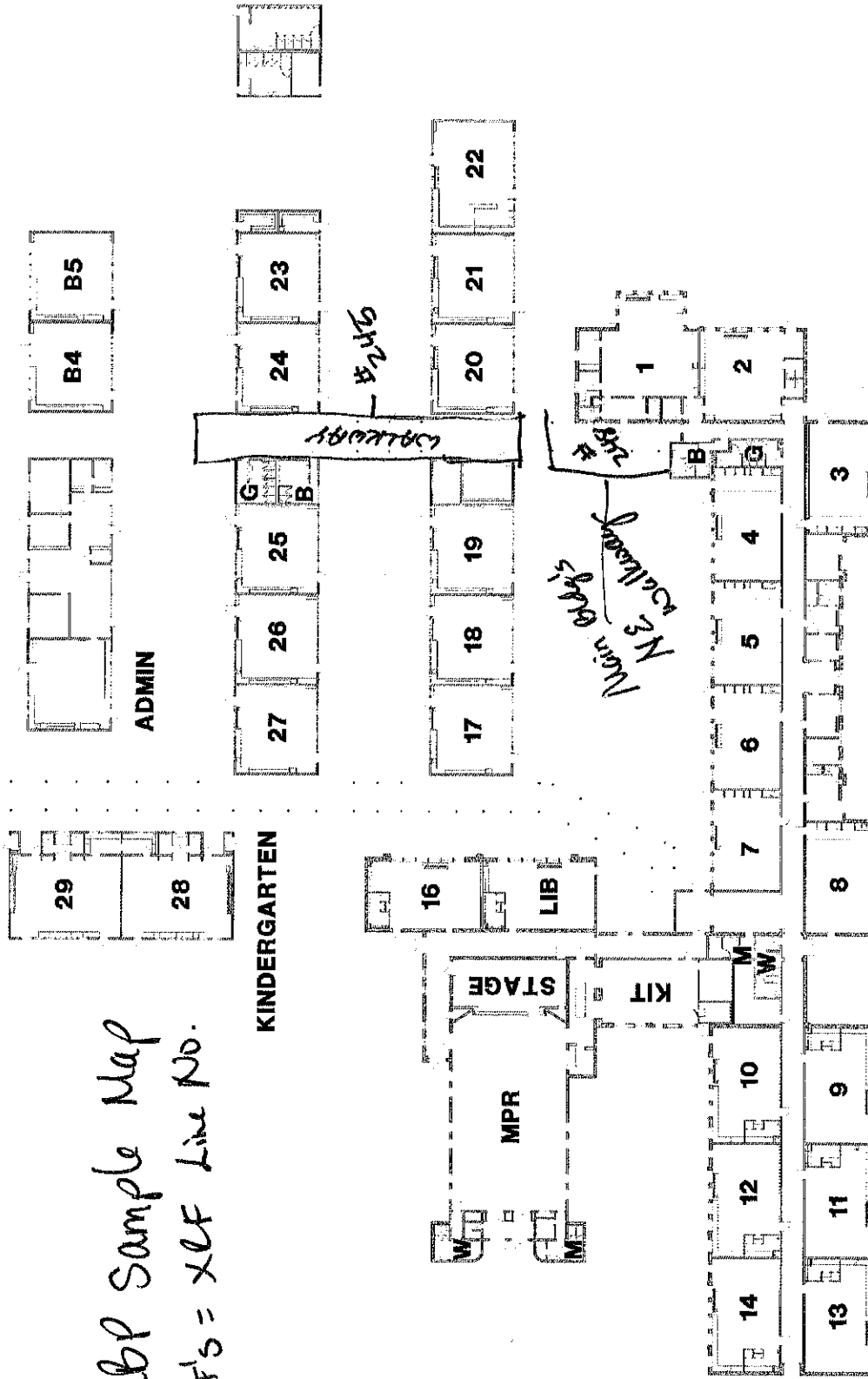
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Not Drawn to Scale



Bakersfield City School District  
Horace Mann ES - 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 - January 2023

*LBP Sample Map  
#s = XCF Line No.*

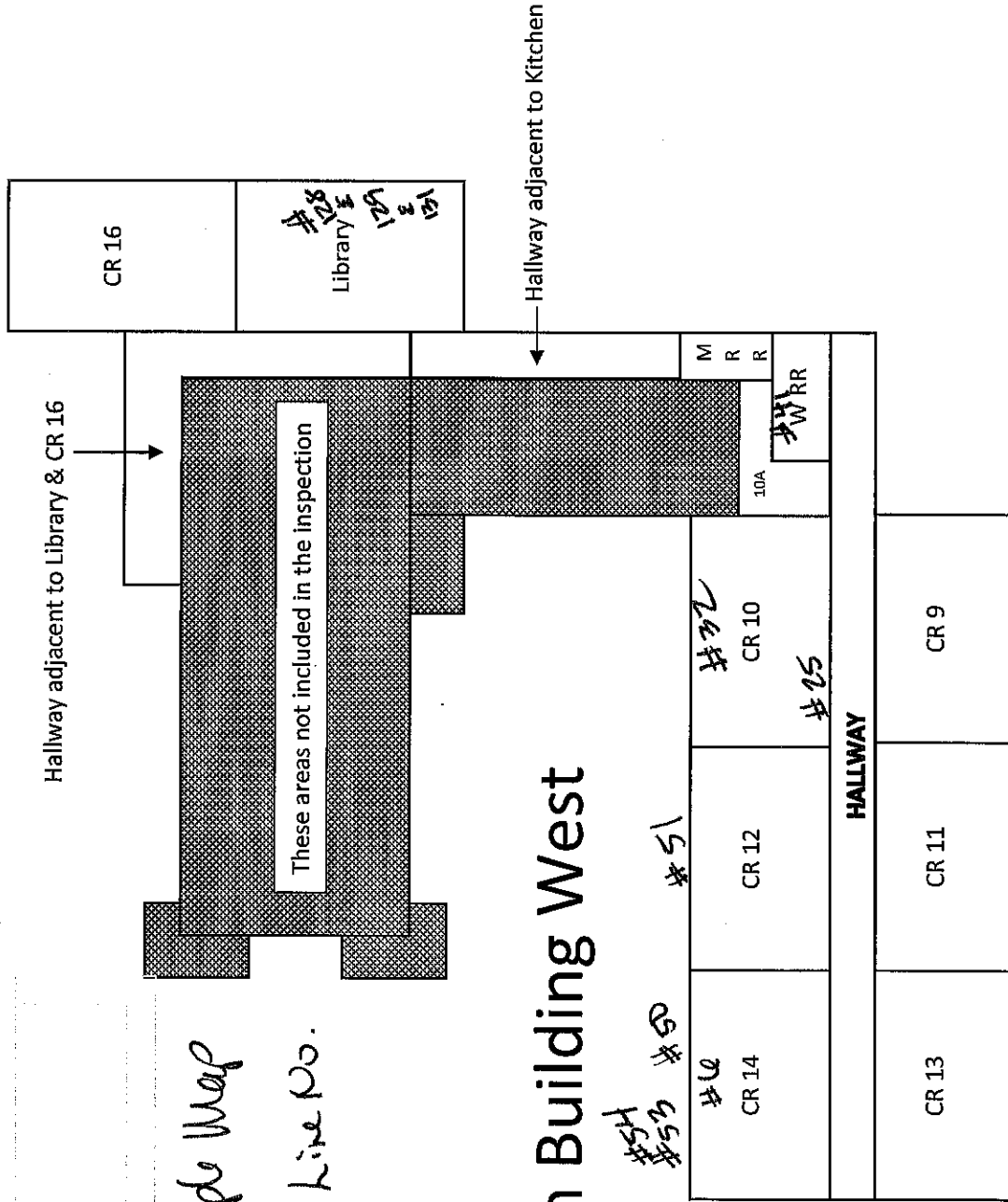


Not Drawn to Scale





Bakersfield City School District  
Horace Mann ES - 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 - January 2023

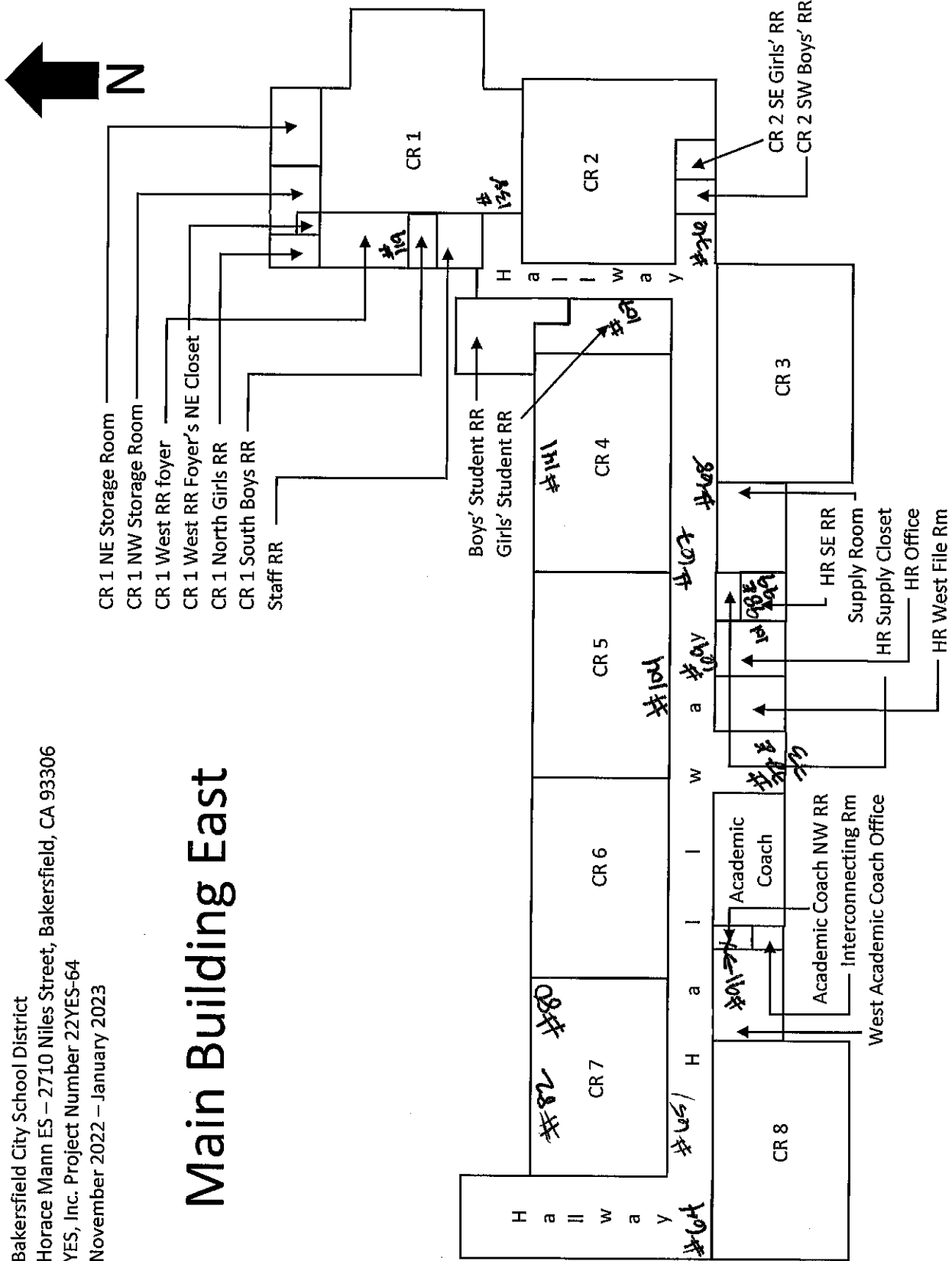


# Main Building West

Not Drawn to Scale

Bakersfield City School District  
Horace Mann ES - 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 - January 2023

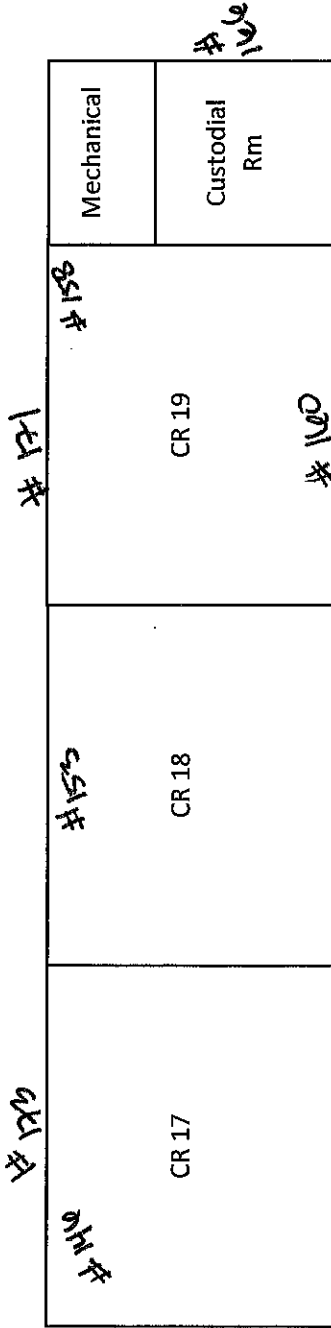
# Main Building East



Not Drawn to Scale



Bakersfield City School District  
Horace Mann ES – 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 – January 2023



Not Drawn to Scale



Bakersfield City School District  
Horace Mann ES -- 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 -- January 2023

<p>18181#</p> <p>CR 20</p>	<p>CR 21</p>	<p>CR 22</p> <p>1915</p>
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Not Drawn to Scale



Bakersfield City School District  
Horace Mann ES – 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 – January 2023

HZFA CR 24	# 209 CR # 220	NE
		SR
		Book
		Rm

Not Drawn to Scale



Bakersfield City School District  
Horace Mann ES – 2710 Niles Street, Bakersfield, CA 93306  
YES, Inc. Project Number 22YES-64  
November 2022 – January 2023

CR 27	CR 26	CR 25	# 241	# 241 Girls RR
			# 242	Boys RR

Not Drawn to Scale



Attachment C – Chain of Custody & Laboratory Results



# YES Environmental, Inc.

1201 24<sup>TH</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/8/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>KY</i>	Date	7/2/2021
Received By	Annette McKissack (EHO)	Date	11/10/2022 940

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-01A	CARPET SQUARES & GLUE – BLUE/GREY STRIPED
	MB – CR 1 – NORTH SIDE CENTER
22YES-64-01B	CARPET SQUARES & GLUE – BLUE/GREY STRIPED
	MB – CR 8 – NW CORNER
22YES-64-02A	BASEBOARD & GLUE – 4" BLACK
	MB – CR 1 – NORTH SIDE EAST END
22YES-64-02B	BASEBOARD & GLUE – 4" BLACK
	MB – CR 8 – NORTH SIDE EAST END
22YES-64-03A	PLASTER – SANDED FINISH
	MB – CR 1 – SOUTH WALL CENTER ABOVE LAY-IN PANELS
22YES-64-03B	PLASTER – SANDED FINISH
	MB – CR 1 – SOUTH SIDE OF CEILING IN THE CENTER (ABOVE ACTs)
22YES-64-04A	ACOUSTIC CEILING TILE 12" UNIFORM HOLES & BROWN GLUES
	MB – CR 1 – SOUTH SIDE OF CEILING (ABOVE LAY-IN TILE)
22YES-64-04B	ACOUSTIC CEILING TILE 12" UNIFORM HOLES & BROWN GLUES
	MB – HR OFFICE – EAST SIDE OF CEILING (ABOVE LAY-IN TILE)
22YES-64-05A	SHEET VINYL & BROWN GLUE – LT BEIGE MOSAIC PATTERN
	MB – CR 1 – SOUTH COUNTER TOP
22YES-64-06A	FIBERGLASS BATT INSULATION- PAPER JACKETED
	MB – CR 1 – SOUTH SIDE CEILING





Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/8/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>KY</i>	Date	7/2/2021
Received By	Annette McKissack (BR)	Date	11/10/2022 940

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-06B	FIBERGLASS BATT INSULATION- PAPER JACKETED MB – CR 8 – NORTH SIDE CENTER
22YES-64-07A/29A/30A	LAY-IN PANEL 2'X4' GOUGE PH (OLDER #7) & LAY-IN PANEL 2'X4' GOUGE PH (NEWER #29) & LAY-IN PANEL 2'X4' FISSURED PH (OLDER #30) MB – CR 3 – VARIOUS LOCATIONS IN CEILING
22YES-64-07B	LAY-IN PANEL 2'X4' GOUGE PH MB – CR 1 – SOUTH SIDE CENTER
22YES-64-08A	PLASTER – SMOOTH FINISH MB – CR 8 – EAST WALL NORTH END
22YES-64-09A	CONCEALED GREEN FLOOR TILE, BLACK MASTIC & BLACK FELT MB – CR 1 – NORTH SIDE CENTER (CORE SAMPLE UNDER CARPET)
22YES-64-10A	CARPET & GLUE – BLACK WITH WHITE DOTS MB – CR 1'S RESTROOM FOYER – EAST SIDE CENTER
22YES-64-11A	SHEET FLOORING & GLUE – BLACK/WHITE SAND PATTERN MB – CR 1'S RESTROOM FOYER – EAST SIDE CENTER - UNDER CARPET
22YES-64-11B	SHEET FLOORING & GLUE – BLACK/WHITE SAND PATTERN MB – HALLWAY 1-8 – AT SOUTH ALCOVE BETWEEN ACADEMIC COACH OFFICE & HR OFFICE
22YES-64-12A	BASEBOARD & BROWN GLUES – 3" BLUE MB – CR 1'S RR FOYER'S NE CLOSET – AT ENTRY
22YES-64-12B	BASEBOARD & BROWN GLUES – 3" BLUE MB – CR 3 – SOUTH WALL EAST END



# YES Environmental, Inc.

# #32222507

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 1201 24<sup>TH</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/8/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>KY</i>	Date	7/2/2021
Received By	Annette Makissarak (Eho)	Date	11/10/2022 ayo

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-14A	BRICK & MORTAR
	MB – ATTIC ABOVE CR1 RR FOYER – WEST EXTERIOR WALL
22YES-64-16A	UNFINISHED DRYWALL (NO T&J)
	MB – ATTIC ABOVE CR1 RR FOYER – WEST EXTERIOR WALL
22YES-64-17A	SHEET FLOORING & BROWN GLUE – LT BLUE MOSAIC PATTERN
	MB – STAFF RR – NW CORNER
22YES-64-20A	SHEET FLOORING & BROWN GLUE – PINK/BLUE/CREAM SAND PATTERN
	MB – CR 2'S SE GIRLS RR – SE CORNER
22YES-64-21A	CERAMIC FLOOR TILE GROUT – BROWN (2" GREY)
	MB – BOYS STUDENT RR – AT EXISTING DAMAGE (NEAR CR 2)
22YES-64-22A	CERAMIC FLOOR TILE GROUT – WHITE (4" LT GREY)
	MB – GIRLS STUDENT RR – AT ENTRY (NEAR CR 2)
22YES-64-24A	UNFINISHED DRYWALL WITH TAPE & JOINT COMPOUND
	MB – ATTIC ABOVE BOYS & GIRLS RR – EAST SIDE SOUTH END
22YES-64-25A	CARPET & GLUE – BLUE WITH WHITE
	MB – CR 3 – NE CORNER
22YES-64-26A	SHEET FLOORING & GLUE – GREY MOSAIC PATTERN
	MB – CR 3 – WEST SIDE CENTER
22YES-64-26B	SHEET FLOORING & GLUE – GREY MOSAIC PATTERN
	MB – ACADEMIC COACH RESTROOM – AT ENTRY



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Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/8/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell	Date	7/2/2021
Received By	Anneke Makissak (RM)	Date	11/10/2022 940

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-27A	SHEET FLOORING & GLUE – PURPLE WITH BLACK/WHITE FLECKS
	MB – CR 3 – WEST WALL SOUTH END
22YES-64-28A	SHEET VINYL & BROWN GLUES – BLUE FABRIC PATTERN
	MB – CR 3 – WEST COUNTER TOP
22YES-64-28B	SHEET VINYL & BROWN GLUES – BLUE FABRIC PATTERN
	MB – CR 8 – AT SINK
22YES-64-31A	UNFINISHED DRYWALL – PAINTED
	MB – CR 3 – NORTH SIDE WINDOW INFILL
22YES-64-31B	UNFINISHED DRYWALL – PAINTED
	MB – CR 6 – SOUTH SIDE WINDOW INFILL
22YES-64-32A	SHEET FLOORING & GLUE – DARK BLUE/GREY MOSAIC PATTERN
	MB – HR SE RESTROOM – AT ENTRY
22YES-64-33A	SHEET FLOORING & GLUE – SOLID CREAM
	MB – ROOM BETWEEN ACADEMIC COACH & WEST ADJ. OFFICE
22YES-64-34A	CARPET & GLUE – BLUE/GREEN/RED/CREAM MULTI
	MB – OFFICE EAST OF CR 8 – EAST WALL CENTER
22YES-64-41A	BASEBOARD & GLUE – 3" BLACK
	MB – CR 9 – SW CORNER
22YES-64-42A	PLASTER – SMOOTH FINISH
	MB – 10A – SOUTH WALL AT EXISTING DAMAGE





# LA Testing

520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982

<http://www.LATesting.com> / [pasadenalab@latesting.com](mailto:pasadenalab@latesting.com)

LA Testing Order: 322222507  
Page 134 of 198

Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

**Attention:** Kristy Yowell  
YES Environmental, Inc.  
13708 Carpaccio Lane  
Bakersfield, CA 93306

**Phone:** (661) 477-4662

**Fax:**

**Received Date:** 11/10/2022 9:40 AM

**Analysis Date:** 11/11/2022 - 11/14/2022

**Collected Date:** 11/08/2022

**Project:** 22YES-64/ Bakersfield City School District Horace Mann ES - MOD Insp

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
224-YES-64-01A-Carpet 322222507-0001	MB - CR 1 - north side center - Carpet squares & glue - blue/ grey striped	Gray/Blue Fibrous Homogeneous	98% Synthetic	2% Non-fibrous (Other)	None Detected
224-YES-64-01A-Pad 322222507-0001A	MB - CR 1 - north side center - Carpet squares & glue - blue/ grey striped	Gray Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
224-YES-64-01A-Glue 322222507-0001B	MB - CR 1 - north side center - Carpet squares & glue - blue/ grey striped	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-01B-Carpet 322222507-0002	MB - CR 8 - NW croer - Carpet squares & glue - blue/ grey striped	Blue Fibrous Homogeneous	98% Synthetic	2% Non-fibrous (Other)	None Detected
224-YES-64-01B-Pad 322222507-0002A	MB - CR 8 - NW croer - Carpet squares & glue - blue/ grey striped	Gray Non-Fibrous Homogeneous	8% Glass	92% Non-fibrous (Other)	None Detected
224-YES-64-01B-Glue 322222507-0002B	MB - CR 8 - NW croer - Carpet squares & glue - blue/ grey striped	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-02A-Baseboard 322222507-0003	MB - CR 1 - north side east end - Baseboard & glue - 4" black	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-02A-Glue 322222507-0003A	MB - CR 1 - north side east end - Baseboard & glue - 4" black	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-02B-Baseboard 322222507-0004	MB - CR 8 - north side east end - Baseboard & glue - 4" black	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-02B-Glue 322222507-0004A	MB - CR 8 - north side east end - Baseboard & glue - 4" black	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-03A 322222507-0005	MB - CR 1 - south wall center above lay - in panels - Plaster - sanded finish	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-03B 322222507-0006	MB - CR 1 - south side of ceiling in the center (above ACTs) - Plaster - sanded finish	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 11/14/2022 10:06:00



# LA Testing

520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982

<http://www.LATesting.com> / [pasadenalab@lateesting.com](mailto:pasadenalab@lateesting.com)

<b>LA Testing Order:</b> 322222507 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> 22YES-64 <b>Project ID:</b>
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
224-YES-64-04A-Ceiling Tile 322222507-0007	MB - CR 1 - south side of ceiling (above lay - in tile) - Acoustic ceiling tile 12" uniform holes & brown glues	Brown/White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
224-YES-64-04A-Glue 322222507-0007A	MB - CR 1 - south side of ceiling (above lay - in tile) - Acoustic ceiling tile 12" uniform holes & brown glues	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-04B-Ceiling Tile 322222507-0008	MB - HR office - east side of ceiling (above lay-in tile) - Acoustic ceiling tile 12" uniform holes & brown glues	Brown/White Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
224-YES-64-04B-Glue 322222507-0008A	MB - HR office - east side of ceiling (above lay-in tile) - Acoustic ceiling tile 12" uniform holes & brown glues	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-05A-Sheet Vinyl 322222507-0009	MB - CR 1 - south counter top - Sheet vinyl & brown glue - LT beige mosaic pattern	Brown/Beige Non-Fibrous Homogeneous	35% Cellulose	65% Non-fibrous (Other)	None Detected
224-YES-64-05A-Glue 322222507-0009A	MB - CR 1 - south counter top - Sheet vinyl & brown glue - LT beige mosaic pattern	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-06A-Paper Jacket 322222507-0010	MB - CR 1 - south side ceiling - Fiberglass batt insulation - paper jacketed	Brown/Black Non-Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
224-YES-64-06A-Insulation 322222507-0010A	MB - CR 1 - south side ceiling - Fiberglass batt insulation - paper jacketed	Pink Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
224-YES-64-06B-Paper Jacket 322222507-0011	MB - CR 8 - north side center - Fiberglass batt insulation - paper jacketed	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
224-YES-64-06B-Insulation 322222507-0011A	MB - CR 8 - north side center - Fiberglass batt insulation - paper jacketed	Pink/Peach Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
224-YES-64-07A 322222507-0012	MB - CR 3 - various locations in ceiling - Lay-in panel 2'x4' gouge PH (older #7) & lay-in panel 2'x4' gouge PH (newer #29) & lay-in panel 2'x4' fissured PH (older #30)	Gray/White Fibrous Homogeneous	40% Cellulose 20% Min. Wool	20% Perlite 20% Non-fibrous (Other)	None Detected

Initial report from: 11/14/2022 10:06:00



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<b>LA Testing Order:</b> 322222507 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> 22YES-64 <b>Project ID:</b>
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
224-YES-64-29A 322222507-0012A	MB - CR 3 - various locations in ceiling - Lay-in panel 2'x4' gouge PH (older #7) & lay-in panel 2'x4' gouge PH (newer #29) & lay-in panel 2'x4' fissured PH (older #30)	Gray/White Fibrous Heterogeneous	40% Cellulose 20% Min. Wool	20% Perlite 20% Non-fibrous (Other)	None Detected
224-YES-64-30A 322222507-0012B	MB - CR 3 - various locations in ceiling - Lay-in panel 2'x4' gouge PH (older #7) & lay-in panel 2'x4' gouge PH (newer #29) & lay-in panel 2'x4' fissured PH (older #30)	Gray/White Fibrous Homogeneous	40% Cellulose 20% Min. Wool	20% Perlite 20% Non-fibrous (Other)	None Detected
224-YES-64-07B 322222507-0013	MB - CR 1 - south side center - Lay-in panel 2'x4' gouge PH	White/Beige Fibrous Heterogeneous	40% Cellulose 20% Min. Wool	20% Perlite 20% Non-fibrous (Other)	None Detected
224-YES-64-08A-Finish Coat 322222507-0014	MB - CR 8 - east wall north end - Plaster - smooth finish	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-08A-Base Coat 322222507-0014A	MB - CR 8 - east wall north end - Plaster - smooth finish	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-09A-Floor Tile 322222507-0015	MB - CR 1 - north side center (core sample under carpet) - Concealed green floor tile, black mastic & blackfelt	Green Non-Fibrous Homogeneous		94% Non-fibrous (Other)	6% Chrysotile
224-YES-64-09A-Mastic 322222507-0015A	MB - CR 1 - north side center (core sample under carpet) - Concealed green floor tile, black mastic & blackfelt	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-09A-Felt 322222507-0015B	MB - CR 1 - north side center (core sample under carpet) - Concealed green floor tile, black mastic & blackfelt	Black Fibrous Homogeneous	55% Cellulose	45% Non-fibrous (Other)	None Detected
224-YES-64-10A-Carpet 322222507-0016	MB - CR 1's restroom foyer - east side center - Carpet & glue - black with white dots	Various/Black Fibrous Homogeneous	98% Synthetic	2% Non-fibrous (Other)	None Detected
224-YES-64-10A-Pad 322222507-0016A	MB - CR 1's restroom foyer - east side center - Carpet & glue - black with white dots	Beige Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
224-YES-64-10A-Glue 322222507-0016B	MB - CR 1's restroom foyer - east side center - Carpet & glue - black with white dots	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 11/14/2022 10:06:00



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LA Testing Order: 322222507 Page 137 of 198

Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
224-YES-64-11A-Sheet Flooring 322222507-0017	MB - CR 1's restroom foyer - east side center - under carpet - Sheet flooring & glue - black/ white sand pattern	Gray/White Fibrous Heterogeneous	20% Cellulose 2% Synthetic 5% Glass	73% Non-fibrous (Other)	None Detected
224-YES-64-11A-Glue 322222507-0017A	MB - CR 1's restroom foyer - east side center - under carpet - Sheet flooring & glue - black/ white sand pattern	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-11B-Sheet Flooring 322222507-0018	MB - hallway 1-8 - at south alcove between academic coach office & HR office - Sheet flooring & glue - black/ white sand pattern	Gray/White/Black Fibrous Heterogeneous	20% Cellulose 5% Glass	75% Non-fibrous (Other)	None Detected
224-YES-64-11B-Glue 322222507-0018A	MB - hallway 1-8 - at south alcove between academic coach office & HR office - Sheet flooring & glue - black/ white sand pattern	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-12A-Cove Base 322222507-0019	MB - CR 1's RR foyer's NE closet - at entry - Baseboard & brown glues - 3" blue	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-12A-Glue 322222507-0019A	MB - CR 1's RR foyer's NE closet - at entry - Baseboard & brown glues - 3" blue	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-12B-Baseboard 322222507-0020	MB - CR 3 - south wall east end - Baseboard & brown glues - 3" blue	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-12B-Glue 322222507-0020A	MB - CR 3 - south wall east end - Baseboard & brown glues - 3" blue	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-14A-Brick 322222507-0021	MB - attic above CR1 RR foyer - west exterior wall - Brick & mortar	Pink/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-14A-Mortar 322222507-0021A	MB - attic above CR1 RR foyer - west exterior wall - Brick & mortar	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-16A 322222507-0022	MB - attic above CR1 RR foyer - west exterior wall - Unfinished drywall (no T&J)	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
224-YES-64-17A-Sheet Flooring 322222507-0023	MB - staff RR - NW corner - Sheet flooring & brown glue - LT blue mosaic pattern	Blue Fibrous Heterogeneous	20% Cellulose 3% Glass	77% Non-fibrous (Other)	None Detected

Initial report from: 11/14/2022 10:06:00





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<b>LA Testing Order:</b> 322222507 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> 22YES-64 <b>Project ID:</b>
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
224-YES-64-17A-Glue 322222507-0023A	MB - staff RR - NW corner - Sheet flooring & brown glue - LT blue mosaic pattern	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-20A-Sheet Flooring 322222507-0024	MB - CR 2's S girls rr - SE corner - Sheet flooring & brown glue - pink/blue/cream sand pattern	Blue Fibrous Heterogeneous	10% Synthetic	90% Non-fibrous (Other)	None Detected
224-YES-64-20A-Glue 322222507-0024A	MB - CR 2's S girls rr - SE corner - Sheet flooring & brown glue - pink/blue/cream sand pattern	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-20A 322222507-0024B	MB - CR 2's S girls rr - SE corner - Sheet flooring & brown glue - pink/blue/cream sand pattern	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-21A 322222507-0025	MB - boys student rr - at existing damage (near CR 2) - Ceramic floor tile grout - brown (2" grey)	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-22A 322222507-0026	MB - girls student rr - at entry (near CR 2) - Ceramic floor tile grout - white (4" Lt GREY)	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-24A-Drywa II 322222507-0027	MB - attic above boys & girls rr - east side south end - Unfinished drywall with tape & joint compound	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
224-YES-64-24A-Joint Compound 322222507-0027A	MB - attic above boys & girls rr - east side south end - Unfinished drywall with tape & joint compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-24A-Mesh 322222507-0027B	MB - attic above boys & girls rr - east side south end - Unfinished drywall with tape & joint compound	Yellow Fibrous Homogeneous	90% Glass	10% Non-fibrous (Other)	None Detected
224-YES-64-25A-Carpet 322222507-0028	MB - CR 3 - NE corner - Carpet & glue - blue with white	Blue Fibrous Homogeneous	98% Synthetic	2% Non-fibrous (Other)	None Detected
224-YES-64-25A-Glue 322222507-0028A	MB - CR 3 - NE corner - Carpet & glue - blue with white	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-26A-Sheet Flooring 322222507-0029	MB - CR 3 - west side center - Sheet flooring & glue - grey mosaic pattern	Gray Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected



# LA Testing

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<b>LA Testing Order:</b> 322222507 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> 22YES-64 <b>Project ID:</b>
--

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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
224-YES-64-26A-Glue  322222507-0029A	MB - CR 3 - west side center - Sheet flooring & glue - grey mosaic pattern	Yellow/Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-26B-Sheet Flooring  322222507-0030 <i>No Glue present for analysis</i>	MB - academic coach restroom - at entry - Sheet flooring & glue - grey mosaic pattern	Gray Fibrous Heterogeneous	20% Cellulose 5% Synthetic	75% Non-fibrous (Other)	None Detected
224-YES-64-27A-Sheet Flooring  322222507-0031	MB - CR 3 - west wall south end - Sheet flooring & glue - purple with black/white flecks	White/Black/Purple Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
224-YES-64-27A-Glue  322222507-0031A	MB - CR 3 - west wall south end - Sheet flooring & glue - purple with black/white flecks	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-28A-Sheet Vinyl  322222507-0032	MB - CR 3 - west counter top - Sheet vinyl & brown glues - blue fabric pattern	Blue Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
224-YES-64-28A-Glue  322222507-0032A	MB - CR 3 - west counter top - Sheet vinyl & brown glues - blue fabric pattern	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-28B-Sheet Vinyl  322222507-0033 <i>No glue present for analysis</i>	MB - CR 8 - at sink - Sheet vinyl & brown glues - blue fabric pattern	Brown/Blue Non-Fibrous Homogeneous	8% Cellulose	92% Non-fibrous (Other)	None Detected
224-YES-64-31A  322222507-0034	MB - CR 6 - north side window infill - Unfinished drywall - painted	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
224-YES-64-31B  322222507-0035	MB - CR 6 - south side window infill - Unfinished drywall - painted	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
224-YES-64-32A-Sheet Flooring  322222507-0036	MB - HR SE restroom - at entry - Sheet flooring & glue - dark blue/ grey mosaic pattern	Gray/Blue Fibrous Heterogeneous	5% Synthetic 5% Glass	90% Non-fibrous (Other)	None Detected
224-YES-64-32A-Glue  322222507-0036A	MB - HR SE restroom - at entry - Sheet flooring & glue - dark blue/ grey mosaic pattern	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-32A-Leveling Compound  322222507-0036B	MB - HR SE restroom - at entry - Sheet flooring & glue - dark blue/ grey mosaic pattern	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-33A-Sheet Flooring  322222507-0037	MB - room between academic coach & west adj. office - Sheet flooring & glue - solid cream	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 11/14/2022 10:06:00



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LA Testing Order: 322222507  
Page 140 of 198

Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
224-YES-64-33A-Glue 322222507-0037A	MB - room between academic coach & west adj. office - Sheet flooring & glue - solid cream	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-33A-Leveling Compound 322222507-0037B	MB - room between academic coach & west adj. office - Sheet flooring & glue - solid cream	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-34A-Carpet 322222507-0038	MB - office east of CR 8 - east wall center - Carpet & glue - blue/green/red/cream multi	Various/Black Fibrous Homogeneous	98% Synthetic	2% Non-fibrous (Other)	None Detected
224-YES-64-34A-Pad 322222507-0038A	MB - office east of CR 8 - east wall center - Carpet & glue - blue/green/red/cream multi	Gray Non-Fibrous Homogeneous	3% Glass	97% Non-fibrous (Other)	None Detected
224-YES-64-34A-Glue 322222507-0038B	MB - office east of CR 8 - east wall center - Carpet & glue - blue/green/red/cream multi	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-41A-Baseboard 322222507-0039	MB - CR 9 - SW corner - Baseboard & glue - 3" black	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-41A-Glue 322222507-0039A	MB - CR 9 - SW corner - Baseboard & glue - 3" black	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-42A-Finish Coat 322222507-0040	MB - 10A - south wall at existing damage - Plaster - smooth finish	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-42A-Base Coat 322222507-0040A	MB - 10A - south wall at existing damage - Plaster - smooth finish	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-44A-Paper Jacket 322222507-0041	MB - CR 9 - unit ventilator - Pipe straight insulation - paper jacketed fiberglass	White/Silver Fibrous Heterogeneous	45% Cellulose 10% Glass	45% Non-fibrous (Other)	None Detected
224-YES-64-44A-Glue 322222507-0041A	MB - CR 9 - unit ventilator - Pipe straight insulation - paper jacketed fiberglass	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
224-YES-64-44A-Insulation 322222507-0041B	MB - CR 9 - unit ventilator - Pipe straight insulation - paper jacketed fiberglass	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
224-YES-64-45A 322222507-0042	MB - attic above CRS 9-14 - at CR 9 access - Blown - in insulation - pink fiberglass	Pink Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected

Initial report from: 11/14/2022 10:06:00



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<b>LA Testing Order:</b> 322222507	Page 141 of 198
<b>Customer ID:</b> YWEL75	
<b>Customer PO:</b> 22YES-64	
<b>Project ID:</b>	

Analyst(s)

*Nahid Motamedi (66)*

*Yisely Sanchez (18)*

Jerry Drapala Ph.D, Laboratory Manager  
or Other Approved Signatory

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Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Initial report from: 11/14/2022 10:06:00



Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/9/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>(Signature)</i>	Date	11/10/2022
Received By	Annette McKissack (Rbc) <i>(Signature)</i>	Date	11/11/2022 9:40

22YES-64-01C	CARPET SQUARES & GLUE – BLUE/GREY STRIPED MB - CR 14 – NW CORNER
22YES-64-06C	FIBERGLASS BATT INSULATION – PAPER JACKETED MB – HALLWAY ADJ. TO KITCHEN – WEST SIDE CENTER
22YES-64-12C	BASEBOARD & BROWN GLUE 3" BLUE MB – HALLWAY ADJ. TO LIBRARY – NORTH WALL WEST END
22YES-64-21B	CERAMIC FLOOR TILE GROUT – BROWN MB – WOMEN'S RR – AT EXISTING DAMAGE (2" GREY)
22YES-64-25B	CARPET & GLUE – BLUE WITH WHITE MB – LIBRARY – SE AREA
22YES-64-34B	CARPET & GLUE – BLUE/GREEN/RED/CREAM MULTI CRS 17-22 – CR 17 – NORTH SIDE UNDER CABINET
22YES-64-34C	CARPET & GLUE – BLUE/GREEN/RED/CREAM MULTI CRS 17-22 – CR 20 – NORTH SIDE UNDER CABINET
22YES-64-37A	LAY-IN PANEL – 2'X4' GOUGE PH MB – HALLWAY ADJ. TO KITCHEN – WEST SIDE CENTER
22YES-64-37B	LAY-IN PANEL – 2'X4' GOUGE PH MB – RM 10A – NW CORNER OF CEILING
22YES-64-39A	ACOUSTIC CEILING TILE 12" & BROWN GLUES – UNIFORM HOLES MB – RM 10A – NW CORNER OF CEILING



Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
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Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/9/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>KY</i>	Date	11/10/2022
Received By	Annette McKissack <i>EM</i>	Date	11/11/2022 940

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-40A	PLASTER – SANDED FINISH
	MB – RM 10A – NW CORNER OF CEILING
22YES-64-41B	BASEBOARD & GLUE 3" BLACK
	MB – CR 14 – UNDER CABINET
22YES-64-44B	PIPE STRAIGHT INSULATION PAPER JACKETED
	MB – LIBRARY – ON UNIT VENTILATOR
22YES-64-47A	COUNTER TOP MATERIAL & BROWN GLUE – GREEN FABRIC PATTERN
	MB – CR 10 – WEST BACKSPLASH
22YES-64-48A	COUNTER TOP MATERIAL & BROWN GLUE – BROWN/CREAM MOSAIC
	MB – CR 3 – AT SINK
22YES-64-48B	COUNTER TOP MATERIAL & BROWN GLUE – BROWN/CREAM MOSAIC
	CRS 17-22 – CR 21 – WEST COUNTER
22YES-64-48C	COUNTER TOP MATERIAL & BROWN GLUE – BROWN/CREAM MOSAIC
	MB – MUSIC ROOM – NE COUNTER
22YES-64-49A	ACOUSTIC CEILING TILE 12" & BLACK GLUE – FISSURE PH PATTERN
	MB – HALLWAY – WHERE BOTH AGES OF HALLWAY MEET IN ALCOVE
22YES-64-51A	FLOOR TILE & GLUE 12" DK BLUE OATMEAL
	MB – HALLWAY ADJ. TO KITCHEN – NW CORNER
22YES-64-52A	FLOOR TILE & GLUE 12" GREY/BLUE OATMEAL
	MB – HALLWAY ADJ TO LIBRARY -AT EXISTING DAMAGE



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Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/9/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell	Date	11/10/2022
Received By	Annette Adkissack (EHR)	Date	11/11/2022 940

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-53A	CONCEALED LT BROWN TILE & BLACK MASTIC
	MB – HALLWAY ADJ. TO LIBRARY – AT EXISTING DAMAGE
22YES-64-54A	WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMPOSITION ROOFING & FELTS
	MB – ROOF 3-8 – CENTER OF ROOF
22YES-64-54B	WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMPOSITION ROOFING & FELTS
	MB – ROOF 1-2 – WEST SIDE CENTER
22YES-64-54C	WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMPOSITION ROOFING & FELTS
	MB – ROOF 9-14 – WEST SIDE CENTER
22YES-64-55A	ROOF MASTIC – GREY/BLACK & SILVER PAINT
	MB – ROOF 3-8 – EAST END SOUTH SIDE AT VENT PIPE
22YES-64-55B	ROOF MASTIC – GREY/BLACK
	MB - ROOF 9-14 – EAST END AT HVAC UNIT CURB
22YES-64-55C	ROOF MASTIC – GREY/BLACK & SILVER PAINT
	MB – ROOF 3-8 – EAST END MIDDLE
22YES-64-57A	BASEBOARD & OFF-WHITE GLUE 4" BLUE
	CRS 17-22 – CR 18 – NORTH SIDE UNDER CABINET
22YES-64-57B	BASEBOARD & OFF-WHITE GLUE 4" BLUE
	CRS 17-22 – CR 20 – NORTH SIDE UNDER CABINET
22YES-64-59A	SHEET VINYL & BROWN MASTIC – GREEN STRIPED
	CRS 17-22 – CR 19 – NW COUNTER



# YES Environmental, Inc.

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Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/9/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>KY</i>	Date	11/10/2022
Received By	Annette McKissack (EHC)	Date	11/11/2022 940

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-59B	SHEET VINYL & BROWN MASTIC – GREEN STRIPED
	CRS 17-22 – CR 20 – NW COUNTER
22YES-64-60A	SHEET VINYL & BROWN MASTIC – DK WOOD GRAIN
	CRS 17-22 – CR 18 – WEST SIDE COUNTER
22YES-64-60B	SHEET VINYL & BROWN MASTIC – DK WOOD GRAIN
	CRS 17-22 – CR 21 – WEST ANGLED COUNTER
22YES-64-60C	SHEET VINYL & BROWN MASTIC – DK WOOD GRAIN
	MB – CR 10 – AT SINK COUNTER TOP
22YES-64-61A	CARPET & GLUE – BLACK WITH WHITE DOTS
	CRS 17-22 – CR 21 – AT NORTH ENTRY
22YES-64-61B	CARPET & GLUE – BLACK WITH WHITE DOTS
	CRS 17-22 – CR 18 – AT NORTH SIDE EAST END
22YES-64-62A	LAY-IN PANELS 2'X4' GOUGE PH PATTERN
	CRS 17-22 – CR 18 – EAST SIDE CENTER
22YES-64-62B	LAY-IN PANELS 2'X4' GOUGE PH PATTERN
	CRS 17-22 – CR 21 – NE AREA OF CEILING
22YES-64-63A	FIBERGLASS BATT INSULATION PAPER JACKETED
	CRS 17-22 – CR 17 – WEST SIDE ABOVE FCP
22YES-64-63B	FIBERGLASS BATT INSULATION PAPER JACKETED
	CRS 17-22 – CR 22 – NE AREA OF CEILING





# YES Environmental, Inc.

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Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/9/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES - MOD Insp		
Submitted By	Kristy Yowell	Date	11/10/2022
Received By	Annette McKissack (E/R)	Date	11/11/2022 0140

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION - 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-64A	FIBERGLASS BATT INSULATION BLACK PAPER JACKETED
	CRS 17-22 - CR 17 - WEST SIDE ABOVE ORIGINAL CEILING
22YES-64-64B	FIBERGLASS BATT INSULATION BLACK PAPER JACKETED
	CRS 17-22 - CR 22 - NE CEILING AREA
22YES-64-65A	PIPE STRAIGHT INSULATION PAPER JACKETED FIBERGLASS
	CRS 17-22 - MECH RM (ADJ. TO CR 19) - ON PIPE STRAIGHT
22YES-64-66A	WHITE/CHALKY DOOR INSULATION
	CRS 17-22- MECH RM DOOR - AT EXTERIOR DAMAGE
22YES-64-67A	PLASTER - SANDED FINISH
	CRS 17-22 - CUSTODIAL RM (ADJ. TO CR 19) AT ENTRY
22YES-64-68A	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB - 1-2 - MIDDLE OF CR 2 EAST END
22YES-64-68B	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB - 9-14 - NORTH SIDE EAST AREA
22YES-64-68C	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB - 9-14 - SE CORNER
22YES-64-68D	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB - 9-14 - SOUTH SIDE EAST END AT DOOR
22YES-64-68E	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB - 3-8 - SW CORNER OF SOUTH WALL



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Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/9/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES - MOD Insp		
Submitted By	Kristy Yowell <i>KY</i>	Date	11/10/2022
Received By	Annette Mekissarak (ehc)	Date	11/11/2022 940

SAMPLE ID	1 <sup>st</sup> LINE: MATERIAL DESCRIPTION - 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-68F	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB - 3-8 - EAST END SOUTH SIDE AT DOOR INFILL
22YES-64-68G	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB - 3-8 - SOUTH SIDE CENTER AT DOOR STEPS
22YES-64-68H	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB - 3-8 - NORTH SIDE AT CR 5 DOOR
22YES-64-68I	SANDED FINISH STUCCO (ON CONCRETE WALL)
	MB - 1-2 - EAST SIDE NORTH END AT CORNER
22YES-64-69A	EXTERIOR WINDOW PUTTY - CREAM
	MB - 1-2 - NORTH SIDE EAST CORNER
22YES-64-69B	EXTERIOR WINDOW PUTTY - CREAM
	MB - 1-2 - EAST SIDE CENTER
22YES-64-69C	EXTERIOR WINDOW PUTTY - CREAM
	MB - 3-8 - NORTH SIDE MIDDLE OF CR 5
22YES-64-69D	EXTERIOR WINDOW PUTTY - CREAM
	MB - 9-14 - NORTH SIDE CENTER
22YES-64-69E	EXTERIOR WINDOW PUTTY - GREY
	MB - 9-14 - NORTH SIDE AT CR 12
22YES-64-69F	EXTERIOR WINDOW PUTTY - CREAM
	MB - 3-8 - SOUTH SIDE CENTER ABOVE DOUBLE DOOR



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Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/9/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>KY</i>	Date	11/10/2022
Received By	Anneke McKissack (EFC)	Date	11/11/2022 940

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-70A	EXTERIOR BRICK & MORTAR
	MB – 9-14 – WEST END NORTH SIDE AT CORNER
22YES-64-70B	EXTERIOR BRICK & MORTAR
	MB – 9-14 – SOUTH SIDE EAST END AT CORNER
22YES-64-71A	SHEET VINYL & BROWN MASTIC – PINK WOOD GRAIN
	CRS 17-22 – CR 21 – NORTH COUNTER
22YES-64-73A	PASTER – SMOOTH FINISH
	CRS 23-27 – BOOK ROOM – WEST ALL AT ENTRY
22YES-64-74A	EXTERIOR WINDOW PUTTY – GREY
	CRS 17-27 – CR 27 – SOUTH SIDE WEST END
22YES-64-74B	EXTERIOR WINDOW PUTTY – CREAM
	CRS 17-27 – CR 25 – NORTH SIDE WEST END
22YES-64-74C	EXTERIOR WINDOW PUTTY – GREY
	CRS 17-27 – CR 24 – NORTH SIDE EAST END
22YES-64-74D	EXTERIOR WINDOW PUTTY – CREAM
	CRS 17-27 – CR 23 – SOUTH SIDE EAST END
22YES-64-74E	EXTERIOR WINDOW PUTTY – GREY
	CRS 17-27 – CR 22 – SOUTH SIDE WEST END
22YES-64-74F	EXTERIOR WINDOW PUTTY – CREAM
	CRS 17-27 – CR 18 – SOUTH SIDE EAST END



**YES Environmental, Inc.**

201 24<sup>TH</sup> Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/9/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>KY</i>	Date	11/10/2022
Received By	Annette McKissack (Ely)	Date	11/11/2022 940

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-74G	EXTERIOR WINDOW PUTTY – OLD GREY & NEW GREY 2 AGES
	CRS 17-27 – CR 21 – NORTH SIDE CENTER
22YES-64-75A	FIBERGLASS PIPE INSULATION CLOTH JACKETED
	CRS 17-27 – CR 18 – NE AREA ABOVE ORIGINAL CEILING
22YES-64-75B	FIBERGLASS PIPE INSULATION CLOTH JACKETED
	CRS 17-27 – CR 20 – NE AREA ABOVE ORIGINAL CEILING
22YES-64-76A	EXTERIOR STUCCO & VAPOR BARRIER
	CRS 17-27 – EAST WALL OF CRS 20-22 - CENTER
22YES-64-76B	EXTERIOR STUCCO & VAPOR BARRIER
	CRS 17-27 – WEST SIDE 25-27 – UNDER DRINKING FOUNTAIN
22YES-64-76C	EXTERIOR STUCCO & VAPOR BARRIER
	CRS 17-27 – SOUTH WALL 24-23 – CENTER OF WALL
22YES-64-76D	EXTERIOR STUCCO & VAPOR BARRIER
	CRS 17-27 – NORTH WALL OF 17-19 – CENTER
22YES-64-76E	EXTERIOR STUCCO & VAPOR BARRIER
	CRS 17-27 – SOUTH WALL OF 22-23 EAST END
22YES-64-76F	EXTERIOR STUCCO
	CRS 17-27 – NORTH SIDE 17-19 – SOFFIT EAST END
22YES-64-76G	EXTERIOR STUCCO
	CRS 17-27 – SOUTH SIDE OF 25-27 CENTER OF SOFFIT





# LA Testing

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LA Testing Order: 322222593 Page 151 of 198

Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

**Attention:** Kristy Yowell  
YES Environmental, Inc.  
13708 Carpaccio Lane  
Bakersfield, CA 93306

**Phone:** (661) 477-4662

**Fax:**

**Received Date:** 11/11/2022 9:40 AM

**Analysis Date:** 11/15/2022

**Collected Date:** 11/09/2022

**Project:** 22YES-64 Bakersfield City School District/ Horace Mann ES - MOD Insp

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-01C-Carpet 322222593-0001	Mb - cr 14 - nw corner - carpet squares & glue - blue/grey striped	Gray/Blue Fibrous Homogeneous	10% Cellulose 85% Synthetic	5% Non-fibrous (Other)	None Detected
<i>No glue present for analysis</i>					
22YES-64-01C-Padding 322222593-0001A	Mb - cr 14 - nw corner - carpet squares & glue - blue/grey striped	Gray Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
22YES-64-06C-Wrap 322222593-0002	Mb - hallway adj. to kitchen - west side center - fiberglass batt insulation - paper jacketed	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
22YES-64-06C-Tar 322222593-0002A	Mb - hallway adj. to kitchen - west side center - fiberglass batt insulation - paper jacketed	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-06C-Insulation 322222593-0002B	Mb - hallway adj. to kitchen - west side center - fiberglass batt insulation - paper jacketed	Pink Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-12C-Baseboard 322222593-0003	Mb - hallway adj. to library - north wall west end - baseboard & brown glue 3" blue	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-12C-Glue 322222593-0003A	Mb - hallway adj. to library - north wall west end - baseboard & brown glue 3" blue	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-21B 322222593-0004	Mb - women's rr - at existing damage (2" grey) - ceramic floor tile grout - brown	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-25B-Carpet 322222593-0005	Mb - library - se area - carpet & glue - blue with white	White/Blue Fibrous Homogeneous	95% Synthetic	5% Non-fibrous (Other)	None Detected
22YES-64-25B-Glue 322222593-0005A	Mb - library - se area - carpet & glue - blue with white	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-34B-Carpet 322222593-0006	Crs 17-22 - cr17 - north side under cabinet - carpet & glue - blue/green/red/cream mutli	Blue/Green/Gold Fibrous Homogeneous	95% Synthetic	5% Non-fibrous (Other)	None Detected

Initial report from: 11/16/2022 09:04:28



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LA Testing Order: 322222593 Page 152 of 198

Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-34B-Padding 322222593-0006A	Crs 17-22 - cr17 - north side under cabinet - carpet & glue - blue/green/red/cream mutli	Tan Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
22YES-64-34B-Glue 322222593-0006B	Crs 17-22 - cr17 - north side under cabinet - carpet & glue - blue/green/red/cream mutli	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-34C-Carpet 322222593-0007	Crs 17-22 - cr17 - north side under cabinet - carpet & glue - blue/green/red/cream mutli	Black/Blue/Green Fibrous Homogeneous	95% Synthetic	5% Non-fibrous (Other)	None Detected
22YES-64-34C-Padding 322222593-0007A	Crs 17-22 - cr17 - north side under cabinet - carpet & glue - blue/green/red/cream mutli	Tan Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
22YES-64-34C-Glue 322222593-0007B	Crs 17-22 - cr17 - north side under cabinet - carpet & glue - blue/green/red/cream mutli	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-37A 322222593-0008	Mb - hallway adj. to kitchen - west side center - lay-in panel - 2'x4' gouge ph	White/Beige Fibrous Homogeneous	40% Cellulose 10% Min. Wool	30% Perlite 20% Non-fibrous (Other)	None Detected
22YES-64-37B 322222593-0009	Mb - rm 10a - nw corner of ceiling - lay-in panel - 2'x4' gouge ph	White/Beige Fibrous Heterogeneous	40% Cellulose 10% Min. Wool	30% Perlite 20% Non-fibrous (Other)	None Detected
22YES-64-39A 322222593-0010	Mb - rm 10a - nw corner of ceiling - acoustic ceiling tile 12" & brown glues - uniform holes	Brown/White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
22YES-64-40A 322222593-0011	Mb - rm 10a - nw corner of ceiling - plaster - sanded finish	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-41B-Baseboard 322222593-0012	Mb - cr 14 - under cabinet - baseboard & glue 3" black	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-41B-Glue 1 322222593-0012A	Mb - cr 14 - under cabinet - baseboard & glue 3" black	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-41B-Glue 2 322222593-0012B	Mb - cr 14 - under cabinet - baseboard & glue 3" black	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-44B-Wrap 322222593-0013	Mb - library - on unit ventilator - pipe straight insulation paper jacketed	Silver/Beige Fibrous Homogeneous	40% Cellulose 10% Glass	50% Non-fibrous (Other)	None Detected

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LA Testing Order: 322222593 Page 153 of 198

Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-44B-Insulation 322222593-0013A	Mb - library - on unit ventilator - pipe straight insulation paper jacketed	Yellow Non-Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-47A-Laminated 322222593-0014	Mb - cr 10 west backsplash - counter top material & brown glue - green fabric pattern	Green Non-Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
22YES-64-47A-Glue 322222593-0014A	Mb - cr 10 west backsplash - counter top material & brown glue - green fabric pattern	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-48A-Sheet Vinyl 322222593-0015	Mb - cr3 - at sink - counter top material & brown glue - brown/cream mosaic	Brown/Beige Fibrous Heterogeneous	15% Cellulose 3% Synthetic 3% Glass	79% Non-fibrous (Other)	None Detected
22YES-64-48A-Mastic 322222593-0015A	Mb - cr3 - at sink - counter top material & brown glue - brown/cream mosaic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-48B-Sheet Vinyl 1 322222593-0016	Crs 17-22 - cr21 - west corner - counter top material & brown glue - brown/cream mosaic	Brown/Beige Fibrous Heterogeneous	15% Cellulose 5% Synthetic 3% Glass	77% Non-fibrous (Other)	None Detected
22YES-64-48B-Mastic 1 322222593-0016A	Crs 17-22 - cr21 - west corner - counter top material & brown glue - brown/cream mosaic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-48B-Sheet Vinyl 2 322222593-0016B	Crs 17-22 - cr21 - west corner - counter top material & brown glue - brown/cream mosaic	Red/Green/Beige Fibrous Heterogeneous	20% Cellulose 5% Synthetic	75% Non-fibrous (Other)	None Detected
22YES-64-48B-Mastic 2 322222593-0016C	Crs 17-22 - cr21 - west corner - counter top material & brown glue - brown/cream mosaic	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-48B-Felt Backing 322222593-0016D	Crs 17-22 - cr21 - west corner - counter top material & brown glue - brown/cream mosaic	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
22YES-64-48B-Mastic 3 322222593-0016E	Crs 17-22 - cr21 - west corner - counter top material & brown glue - brown/cream mosaic	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-48C-Sheet Vinyl 322222593-0017	Mb - music room - ne counter - counter top material & brown glue - brown/cream mosaic	Brown/Beige Fibrous Heterogeneous	5% Cellulose	80% Non-fibrous (Other)	15% Chrysotile
22YES-64-48C-Glue 322222593-0017A	Mb - music room - ne counter - counter top material & brown glue - brown/cream mosaic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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<b>LA Testing Order:</b> 322222593 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> 22YES-64 <b>Project ID:</b>
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-49A-Ceiling Tile 322222593-0018	Mb - hallway - hallway - where both ages of hallway meet in alcove - acoustic ceiling tile 12" & black glue - fissured ph pattern	Gray/White Fibrous Homogeneous	40% Cellulose 20% Min. Wool	20% Perlite 20% Non-fibrous (Other)	None Detected
22YES-64-49A-Glue 322222593-0018A	Mb - hallway - hallway - where both ages of hallway meet in alcove - acoustic ceiling tile 12" & black glue - fissured ph pattern	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-51A-Floor Tile 322222593-0019	Mb - hallway adj. to kitchen - nw corner - floor tile & glue 12" dk blue oatmeal	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-51A-Glue 322222593-0019A	Mb - hallway adj. to kitchen - nw corner - floor tile & glue 12" dk blue oatmeal	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-52A-Floor Tile 322222593-0020	Mb - hallway adj. to library - at existing damage - floor tile & glue 12" grey/blue oatmeal	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-52A-Glue 322222593-0020A	Mb - hallway adj. to library - at existing damage - floor tile & glue 12" grey/blue oatmeal	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-53A-Floor Tile 322222593-0021	Mb - hallway adj. to library - at existing damage - concealed lt brown tile & black mastic	Brown/Tan Non-Fibrous Homogeneous		96% Non-fibrous (Other)	4% Chrysotile
22YES-64-53A-Mastic 322222593-0021A	Mb - hallway adj. to library - at existing damage - concealed lt brown tile & black mastic	Black Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
22YES-64-54A-Coating 322222593-0022	Mb - roof 3-8 - center of roof - white coating on foam on silver paint on rolled composition roofing & felts	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-54A-Foam 322222593-0022A	Mb - roof 3-8 - center of roof - white coating on foam on silver paint on rolled composition roofing & felts	Yellow/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-54A-Silver Paint 322222593-0022B	Mb - roof 3-8 - center of roof - white coating on foam on silver paint on rolled composition roofing & felts	Gray/Black/Silver Fibrous Heterogeneous		95% Non-fibrous (Other)	5% Chrysotile

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<b>LA Testing Order:</b> 322222593 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> 22YES-64 <b>Project ID:</b>
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-54A-Roofing 322222593-0022C	Mb - roof 3-8 - center of roof - white coating on foam on silver paint on rolled composition roofing & felts	Gray/Black Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
22YES-64-54A-Felt 1 322222593-0022D	Mb - roof 3-8 - center of roof - white coating on foam on silver paint on rolled composition roofing & felts	Black/Silver Fibrous Homogeneous	10% Cellulose	70% Non-fibrous (Other)	20% Chrysotile
22YES-64-54A-Felt 2 322222593-0022E	Mb - roof 3-8 - center of roof - white coating on foam on silver paint on rolled composition roofing & felts	Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
22YES-64-54B-Coating 322222593-0023	Mb - roof 1-2 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>No roofing present for analysis</i>					
22YES-64-54B-Foam 322222593-0023A	Mb - roof 1-2 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Yellow/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-54B-Silver Paint 322222593-0023B	Mb - roof 1-2 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Silver Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
22YES-64-54B-Tar 322222593-0023C	Mb - roof 1-2 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-54B-Felts 322222593-0023D	Mb - roof 1-2 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Black Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-54C-Coating 322222593-0024	Mb - roof 9-14 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-54C-Foam 322222593-0024A	Mb - roof 9-14 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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LA Testing Order: 322222593 Page 156 of 198

Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-54C-Silver Paint 322222593-0024B	Mb - roof 9-14 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Black/Silver Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
22YES-64-54C-Roofing 322222593-0024C	Mb - roof 9-14 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Black Fibrous Homogeneous	15% Cellulose 5% Synthetic	80% Non-fibrous (Other)	None Detected
22YES-64-54C-Tar 322222593-0024D	Mb - roof 9-14 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-54C-Felts 322222593-0024E	Mb - roof 9-14 - west side center - white coating on foam on silver paint on rolled composition roofing & felts	Black Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-55A-Silver Paint/Mastic 322222593-0025 <i>Unable to separate</i>	Mb - roof 3-8 - east end south side at vent pipe - roof mastic - grey/black & silver paint	Black/Silver Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
22YES-64-55A-Felt 322222593-0025A	Mb - roof 3-8 - east end south side at vent pipe - roof mastic - grey/black & silver paint	Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
22YES-64-55B-Mastic 322222593-0026	Mb - roof 9-14 - east end at hvac unit curb - roof mastic - grey/black	Black Non-Fibrous Homogeneous	8% Synthetic	92% Non-fibrous (Other)	None Detected
22YES-64-55B-Foam 322222593-0026A	Mb - roof 9-14 - east end at hvac unit curb - roof mastic - grey/black	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-55C-Mastic 322222593-0027	Mb - roof 3-8 - east end middle - roof mastic - grey/black & silver paint	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-55C-Felt 322222593-0027A	Mb - roof 3-8 - east end middle - roof mastic - grey/black & silver paint	Black Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-55C-Silver Paint 322222593-0027B	Mb - roof 3-8 - east end middle - roof mastic - grey/black & silver paint	Black/Silver Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
22YES-64-55C-Foam 322222593-0027C	Mb - roof 3-8 - east end middle - roof mastic - grey/black & silver paint	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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LA Testing Order: 322222593 Page 157 of 198

Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-57A-Baseboard 322222593-0028	Crs 17-22 - cr 18 - north side under cabinet - baseboard & off-white glue 4" blue	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-57A-Glue 322222593-0028A	Crs 17-22 - cr 18 - north side under cabinet - baseboard & off-white glue 4" blue	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-57B-Baseboard 322222593-0029	Crs 17-22 - cr 20 - north side under cabinet - baseboard & off-white glue 4" blue	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-57B-Glue 322222593-0029A	Crs 17-22 - cr 20 - north side under cabinet - baseboard & off-white glue 4" blue	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-59A-Sheet Vinyl 322222593-0030	Crs 17-22 - cr 19 - nw counter - sheet vinyl & brown mastic - green striped	Green Fibrous Heterogeneous	25% Cellulose 5% Synthetic	70% Non-fibrous (Other)	None Detected
22YES-64-59A-Mastic 322222593-0030A	Crs 17-22 - cr 19 - nw counter - sheet vinyl & brown mastic - green striped	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-59B-Sheet Vinyl 322222593-0031	Crs 17-22 - cr 20 - nw counter - sheet vinyl & brown mastic - green striped	Green Fibrous Heterogeneous	25% Cellulose 5% Synthetic	70% Non-fibrous (Other)	None Detected
22YES-64-59B-Mastic 322222593-0031A	Crs 17-22 - cr 20 - nw counter - sheet vinyl & brown mastic - green striped	Brown/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-59B-Felt Backing 322222593-0031B	Crs 17-22 - cr 20 - nw counter - sheet vinyl & brown mastic - green striped	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
22YES-64-60A-Sheet Vinyl 322222593-0032	Crs 17-22 - cr 18 - west side counter - sheet vinyl & brown mastic - dk wood grain	Brown Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
22YES-64-60A-Mastic 322222593-0032A	Crs 17-22 - cr 18 - west side counter - sheet vinyl & brown mastic - dk wood grain	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-60B-Sheet Vinyl 322222593-0033	Crs 17-22 - cr 21 - west angled counter - sheet vinyl & brown mastic - dk wood grain	Brown/Green Fibrous Heterogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
22YES-64-60B-Mastic 322222593-0033A	Crs 17-22 - cr 21 - west angled counter - sheet vinyl & brown mastic - dk wood grain	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-60C-Sheet Vinyl 322222593-0034	Mb - cr 10 - at sink counter top - sheet vinyl & brown mastic - dk wood grain	Brown Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
22YES-64-60C-Mastic 322222593-0034A	Mb - cr 10 - at sink counter top - sheet vinyl & brown mastic - dk wood grain	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-61A-Carpet 322222593-0035	Crs 17-22 - cr 21 - at north entry - carpet & glue - black with white dots	White/Black Fibrous Homogeneous	95% Synthetic	5% Non-fibrous (Other)	None Detected
22YES-64-61A-Padding 322222593-0035A	Crs 17-22 - cr 21 - at north entry - carpet & glue - black with white dots	Tan Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
22YES-64-61A-Glue 322222593-0035B	Crs 17-22 - cr 21 - at north entry - carpet & glue - black with white dots	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-61B-Carpet 322222593-0036	Crs 17-22 - cr 18 - at north side east end - carpet & glue - black with white dots	White/Black Fibrous Homogeneous	95% Synthetic	5% Non-fibrous (Other)	None Detected
22YES-64-61B-Padding 322222593-0036A	Crs 17-22 - cr 18 - at north side east end - carpet & glue - black with white dots	Tan Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
22YES-64-61B-Glue/Leveling Compound 322222593-0036B <i>Unable to Separate</i>	Crs 17-22 - cr 18 - at north side east end - carpet & glue - black with white dots	Yellow/Beige/Clear Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-62A 322222593-0037	Crs 17-22 - cr 18 - east side center - lay-in panel - 2'x4' gouge ph pattern	Gray/White Fibrous Homogeneous	40% Cellulose 10% Min. Wool	30% Perlite 20% Non-fibrous (Other)	None Detected
22YES-64-62B 322222593-0038	Crs 17-22 - cr 21 - ne area of ceiling - lay-in panel - 2'x4' gouge ph pattern	Gray/White Fibrous Heterogeneous	40% Cellulose 10% Min. Wool	30% Perlite 20% Non-fibrous (Other)	None Detected
22YES-64-63A-Wrap 322222593-0039	Crs 17-22 - cr 17 - west side above fcp - fiberglass batt insulation paper jacketed	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
22YES-64-63A-Tar 322222593-0039A	Crs 17-22 - cr 17 - west side above fcp - fiberglass batt insulation paper jacketed	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-63A-Insulation 322222593-0039B	Crs 17-22 - cr 17 - west side above fcp - fiberglass batt insulation paper jacketed	Pink Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected



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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-63B-Wrap 322222593-0040	Crs 17-22 - cr 22 - ne area of ceiling - fiberglass batt insulation paper jacketed	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
22YES-64-63B-Tar 322222593-0040A	Crs 17-22 - cr 22 - ne area of ceiling - fiberglass batt insulation paper jacketed	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-63B-Insulation 322222593-0040B	Crs 17-22 - cr 22 - ne area of ceiling - fiberglass batt insulation paper jacketed	Pink Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-64A-Wrap 322222593-0041	Crs 17-22 - cr 17 - west side above original ceiling - fiberglass batt insulation black paper jacketed	Black Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
22YES-64-64A-Insulation 322222593-0041A	Crs 17-22 - cr 17 - west side above original ceiling - fiberglass batt insulation black paper jacketed	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-64B-Wrap 322222593-0042	Crs 17-22 - cr 22 - ne ceiling area - fiberglass batt insulation black paper jacketed	Black Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
22YES-64-64B-Insulation 322222593-0042A	Crs 17-22 - cr 22 - ne ceiling area - fiberglass batt insulation black paper jacketed	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-65A-Wrap 322222593-0043	Crs 17-22 - mech rm (adj. to cr 19) - on pipe straight - pipe straight insulation paper jacketed fiberglass	White Fibrous Homogeneous	60% Cellulose 30% Glass	10% Non-fibrous (Other)	None Detected
22YES-64-65A-Insulation 322222593-0043A	Crs 17-22 - mech rm (adj. to cr 19) - on pipe straight - pipe straight insulation paper jacketed fiberglass	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-66A 322222593-0044	Crs 17-22 - mech rm door - at exterior damage - white/chalky door insulation	White Fibrous Homogeneous		88% Non-fibrous (Other)	12% Chrysotile
22YES-64-67A-Finish Coat 322222593-0045	Crs 17-22 - custodial rm (adj. to cr 19) at entry - plaster - sanded finish	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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Customer ID: YWEL75

Customer PO: 22YES-64

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-67A-Base Coat <small>32222593-0045A</small>	Crs 17-22 - custodial rm (adj. to cr 19) at entry - plaster - sanded finish	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68A-Skim Coat <small>32222593-0046</small>	Mb - 1-2 - middle of cr 2 east end - sanded finish stucco (on concrete wall)	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68A-Stucco <small>32222593-0046A</small>	Mb - 1-2 - middle of cr 2 east end - sanded finish stucco (on concrete wall)	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68B-Skim Coat <small>32222593-0047</small>	Mb - 9-14 - north side east area - sanded finish stucco (on concrete wall)	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68B-Stucco <small>32222593-0047A</small>	Mb - 9-14 - north side east area - sanded finish stucco (on concrete wall)	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68C-Skim Coat <small>32222593-0048</small>	Mb - 9-14 - se corner - sanded finish stucco (on concrete wall)	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68C-Finish Coat <small>32222593-0048A</small>	Mb - 9-14 - se corner - sanded finish stucco (on concrete wall)	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68C-Base Coat <small>32222593-0048B</small>	Mb - 9-14 - se corner - sanded finish stucco (on concrete wall)	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68D-Skim Coat <small>32222593-0049</small>	Mb - 9-14 - south side east end at door - sanded finish stucco (on concrete wall)	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68D-Finish Coat <small>32222593-0049A</small>	Mb - 9-14 - south side east end at door - sanded finish stucco (on concrete wall)	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68D-Base Coat <small>32222593-0049B</small>	Mb - 9-14 - south side east end at door - sanded finish stucco (on concrete wall)	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68E <small>32222593-0050</small>	Mb - 3-8 - sw corner of south wall - sanded finish stucco (on concrete wall)	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68F <small>32222593-0051</small>	Mb - 3-8 - east end south side at door infill - sanded finish stucco (on concrete wall)	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68G-Finish Coat <small>32222593-0052</small>	Mb - 3-8 - south side center at door steps - sanded finish stucco (on concrete wall)	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected



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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-68G-Base Coat <small>32222593-0052A</small>	Mb - 3-8 - south side center at door steps - sanded finish stucco (on concrete wall)	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68H-Mastic Like <small>32222593-0053</small>	Mb - 3-8 - north side at cr 5 door - sanded finish stucco (on concrete wall)	Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
22YES-64-68H-Skim Coat <small>32222593-0053A</small>	Mb - 3-8 - north side at cr 5 door - sanded finish stucco (on concrete wall)	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68H-Stucco <small>32222593-0053B</small>	Mb - 3-8 - north side at cr 5 door - sanded finish stucco (on concrete wall)	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68I-Finish Coat <small>32222593-0054</small>	Mb - 1-2 - east side north end at corner - sanded finish stucco (on concrete wall)	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-68I-Base Coat <small>32222593-0054A</small>	Mb - 1-2 - east side north end at corner - sanded finish stucco (on concrete wall)	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-69A-Texture <small>32222593-0055</small>	Mb - 1-2 - north side east corner - exterior window putty - cream	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-69A-Window Putty <small>32222593-0055A</small>	Mb - 1-2 - north side east corner - exterior window putty - cream	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-69B <small>32222593-0056</small>	Mb - 1-2 - east side center - exterior window putty - cream	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-69C <small>32222593-0057</small>	Mb - 3-8 - north side middle of cr 5 - exterior window putty - cream	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-69D <small>32222593-0058</small>	Mb - 9-14 - north side center - exterior window putty - cream	White Non-Fibrous Homogeneous		3% Mica 97% Non-fibrous (Other)	None Detected
22YES-64-69E <small>32222593-0059</small>	Mb - 9-14 - north side at cr 12 - exterior window putty - grey	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-69F <small>32222593-0060</small>	Mb - 3-8 - south side center above double door - exterior window putty - cream	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-70A-Brick <small>32222593-0061</small>	Mb - 9-14 - west end north side at corner - exterior brick & mortar	Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-70A-Mortar <small>32222593-0061A</small>	Mb - 9-14 - west end north side at corner - exterior brick & mortar	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-70A-Stucco <small>32222593-0061B</small>	Mb - 9-14 - west end north side at corner - exterior brick & mortar	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected





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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-70B-Mortar  32222593-0062 <i>No Brick Present for Analysis</i>	Mb - 9-14 - south side east end at corner - exterior brick & mortar	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-70B-Stucco  32222593-0062A	Mb - 9-14 - south side east end at corner - exterior brick & mortar	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-71A-Sheet Vinyl  32222593-0063	Crs 17-22 - cr 21 - north corner - sheet vinyl & brown mastic - pink wood grain	Red Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
22YES-64-71A-Mastic  32222593-0063A	Crs 17-22 - cr 21 - north corner - sheet vinyl & brown mastic - pink wood grain	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-73A-Finish Coat  32222593-0064	Crs 23-27 - book room - west all at entry - plaster - smooth finish	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-73A-Base Coat  32222593-0064A	Crs 23-27 - book room - west all at entry - plaster - smooth finish	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-74A  32222593-0065	Crs 17-27 - cr 27 - south side west end - exterior window putty - grey	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-74B  32222593-0066	Crs 17-27 - cr 25 - north side west end - exterior window putty - cream	Beige Non-Fibrous Homogeneous		93% Non-fibrous (Other)	7% Chrysotile
22YES-64-74C  32222593-0067	Crs 17-27 - cr 24 - north side east end - exterior window putty - grey	Gray Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
22YES-64-74D  32222593-0068	Crs 17-27 - cr 23 - south side east end - exterior window putty - cream	Beige Non-Fibrous Homogeneous		93% Non-fibrous (Other)	7% Chrysotile
22YES-64-74E  32222593-0069	Crs 17-27 - cr 22 - south side west end - exterior window putty - grey	Gray Non-Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
22YES-64-74F  32222593-0070	Crs 17-27 - cr 18 - south side east end - exterior window putty - cream	Beige Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
22YES-64-74G-Window Putty 1  32222593-0071	Crs 17-27 - cr 21 - north side center - exterior window putty - old grey & new grey 2 ages	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-74G-Window Putty 2  32222593-0071A	Crs 17-27 - cr 21 - north side center - exterior window putty - old grey & new grey 2 ages	Gray/Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-75A-Insulation 1 32222593-0072	Crs 17-27 - cr 18 - ne area above original ceiling - fiberglass pipe insulation cloth jacketed	Blue Non-Fibrous Homogeneous	65% Cellulose	35% Non-fibrous (Other)	None Detected
22YES-64-75A-Insulation 2 32222593-0072A	Crs 17-27 - cr 18 - ne area above original ceiling - fiberglass pipe insulation cloth jacketed	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-75B-Wrap 32222593-0073	Crs 17-27 - cr 20 - ne area above original ceiling - fiberglass pipe insulation cloth jacketed	Beige Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
22YES-64-75B-Insulation 32222593-0073A	Crs 17-27 - cr 20 - ne area above original ceiling - fiberglass pipe insulation cloth jacketed	Yellow/Beige Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-76A-Skim Coat 32222593-0074	Crs 17-27 - east wall of crs 20-22 - center - exterior stucco & vapor barrier	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76A-Finish Coat 32222593-0074A	Crs 17-27 - east wall of crs 20-22 - center - exterior stucco & vapor barrier	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76A-Base Coat 32222593-0074B	Crs 17-27 - east wall of crs 20-22 - center - exterior stucco & vapor barrier	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76A-Vapor Barrier 32222593-0074C	Crs 17-27 - east wall of crs 20-22 - center - exterior stucco & vapor barrier	Brown/Black Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
22YES-64-76B-Skim Coat 32222593-0075	Crs 17-27 - west side 25-27 - under drinking fountain - exterior stucco & vapor barrier	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76B-Finish Coat 32222593-0075A	Crs 17-27 - west side 25-27 - under drinking fountain - exterior stucco & vapor barrier	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76B-Base Coat 32222593-0075B	Crs 17-27 - west side 25-27 - under drinking fountain - exterior stucco & vapor barrier	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76B-Vapor Barrier 32222593-0075C	Crs 17-27 - west side 25-27 - under drinking fountain - exterior stucco & vapor barrier	Brown/Black Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
22YES-64-76C-Finish Coat 32222593-0076	Crs 17-27 - south wall 24-23 - center of wall - exterior stucco & vapor barrier	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected



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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-76C-Base Coat 322222593-0076A	Crs 17-27 - south wall 24-23 - center of wall - exterior stucco & vapor barrier	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76C-Vapor Barrier 322222593-0076B	Crs 17-27 - south wall 24-23 - center of wall - exterior stucco & vapor barrier	Brown Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
22YES-64-76D-Skim Coat 322222593-0077	Crs 17-27 - north wall of 17-19 - center - exterior stucco & vapor barrier	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76D-Finish Coat 322222593-0077A	Crs 17-27 - north wall of 17-19 - center - exterior stucco & vapor barrier	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76D-Base Coat 322222593-0077B	Crs 17-27 - north wall of 17-19 - center - exterior stucco & vapor barrier	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76D-Vapor Barrier 322222593-0077C	Crs 17-27 - north wall of 17-19 - center - exterior stucco & vapor barrier	Brown/Black Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
22YES-64-76E-Finish Coat 322222593-0078	Crs 17-27 - south wall of 22-23 east end - exterior stucco & vapor barrier	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76E-Base Coat 322222593-0078A	Crs 17-27 - south wall of 22-23 east end - exterior stucco & vapor barrier	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76F-Finish Coat 322222593-0079	Crs 17-27 - north side 17-19 - soffit east end - exterior stucco	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76F-Base Coat 322222593-0079A	Crs 17-27 - north side 17-19 - soffit east end - exterior stucco	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76G-Finish Coat 322222593-0080	Crs 17-27 - south side of 25-27 center of soffit - exterior stucco	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76G-Base Coat 322222593-0080A	Crs 17-27 - south side of 25-27 center of soffit - exterior stucco	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76H-Finish Coat 322222593-0081	Crs 17-27 - south side of 20-22 center of soffit - exterior stucco	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-76H-Base Coat 322222593-0081A	Crs 17-27 - south side of 20-22 center of soffit - exterior stucco	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected



# LA Testing

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<http://www.LATesting.com> / [pasadenalab@lateesting.com](mailto:pasadenalab@lateesting.com)

<b>LA Testing Order:</b> 322222593	Page 165 of 198
<b>Customer ID:</b> YWEL75	
<b>Customer PO:</b> 22YES-64	
<b>Project ID:</b>	

Analyst(s)

*James Siepler (61)*  
*Rafael Palacios (117)*

Jerry Drapala Ph.D, Laboratory Manager  
or Other Approved Signatory

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Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Initial report from: 11/16/2022 09:04:28



Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/10/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>Kristy Yowell</i>	Date	11/14/2022
Received By		Date	

22YES-64-34D	CARPET & GLUE – BLUE/GREEN/RED/CREAM MULTI
	CR 17-27 – CR 23 – NW AREA UNDER CARPET
22YES-64-34E	CARPET & GLUE – BLUE/GREEN/RED/CREAM MULTI
	CRS 17-27 – CR 26 – EAST SIDE SOUTH END
22YES-64-57C	BASEBOARD & BROWNS & YELLOW GLUES 4" BLUE
	CRS 17-27 – CR 23 – NORTH WALL AT DOOR
22YES-64-57D	BASEBOARD & BROWNS & YELLOW GLUES 4" BLUE
	CRS 17-27 – CR 25 – NORTH WALL UNDER CABINETS
22YES-64-61C	CARPET & GLUE – BLACK WITH WHITE DOTS
	CRS 17-27 – CR 24 – NW AREA
22YES-64-61D	CARPET & GLUE – BLACK WITH WHITE DOTS
	CRS 17-27 – CR 25 – NE CORNER
22YES-64-62C	LAY-IN PANELS 2'X4' GOUGE PINHOLE PATTERN
	CRS 17-27 – CR 23 – SW CORNER OF CEILING
22YES-64-62D	LAY-IN PANELS 2'X4' GOUGE PINHOLE PATTERN
	CRS 17-27 – CR 26 – NORTH SIDE NW AREA
22YES-64-63C	FIBERGLASS BATT INSULATION PAPER JACKETED
	CRS 17-27 – CR 24 – NW AREA OF CEILING
22YES-64-63D	FIBERGLASS BATT INSULATION PAPER JACKETED
	CRS 17-27 – CR 26 – NW AREA OF CEILING ABOVE LAY-IN PANEL



Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/10/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>Kristy Yowell</i>	Date	11/14/2022
Received By		Date	

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-64C	FIBERGLASS BATT INSULATION BLACK PAPER JACKETED
	CRS 17-27 – CR 24 – ABOVE ORIGINAL CEILING NW AREA
22YES-64-64D	FIBERGLASS BATT INSULATION BLACK PAPER JACKETED
	CRS 17-27 – CR 26 – NW AREA ABOVE ORIGINAL CEILING
22YES-64-71B	SHEET VINYL & BROWN MASTIC – PINK WOOD GRAIN
	CRS 17-27 – CR 27 – NORTH COUNTER
22YES-64-73B	PLASTER – SMOOTH FINISH
	CRS 17-27 – GIRLS RR (ADJ. CR 25) NW CORNER
22YES-64-75C	FIBERGLASS PIPE INSULATION CLOTH JACKETED
	CRS 17-27 – CR 24 – NW AREA ABOVE ORIGINAL CEILING
22YES-64-78A	SHEET VINYL, BURLAP BACKING & BROWN GLUE – CREAM WOOD GRAIN
	CRS 17-27 – CR 23 – WEST ANGLED COUNTER
22YES-64-78B	SHEET VINYL, BURLAP BACKING & BROWN GLUE – CREAM WOOD GRAIN
	CRS 17-27 – CR 25 – WEST ANGLED COUNTER
22YES-64-79A	CERAMIC FLOOR TILE GROUT – BROWN (1"X2" BROWNS)
	CRS 17-27 – BOYS RR (ADJ. TO CR 25) AT SINK AT EXISTING DAMAGE
22YES-64-80A	CERAMIC WALL TILE GROUT – WHITE (4" X6" CREAM W/GOLD)
	CRS 17-27 – GIRLS RR (ADJ. TO CR 25) – WEST WALL NORTH END
22YES-64-81A	CLOTH JACKET OVER MUDDERED PIPE JOINT/JUNCTION INSULATION (GREY FIBROUS)
	CRS 17-27 – CR 26 – NW AREA ABOVE ORIGINAL CEILING



Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
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Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/10/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>Kristy Yowell</i>	Date	11/14/2022
Received By		Date	

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-82A	MASTIC – BLACK/GREY – FOAMED OVER
	CRS 17-27 – ROOF – CR 23 NORTH SIDE AT VENT PIPE
22YES-64-82B	MASTIC – BLACK/GREY– FOAMED OVER
	CRS 17-27 – ROOF – CR 25 SOUTH SIDE AT ROOF JACK
22YES-64-83A	WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS
	CRS 23-27 – ROOF – CR 23 EAST END NEAR RIDGE
22YES-64-83B	WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS
	CRS 23-27 – ROOF – CR 27 SOUTH SIDE NEAR RIDGE
22YES-64-83C	WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS
	CRS 23-27 – ROOF – CR 25 NORTH SIDE NEAR RIDGE
22YES-64-83D	WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS
	CRS 23-27 – ROOF – CR 24 NORTH SIDE WEST END
22YES-64-84A	WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS
	CRS 17-22 – ROOF – CR 17 – SOUTH SIDE WEST END
22YES-64-84B	WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS
	CRS 17-22 – ROOF – CR 19 NORTH SIDE EAST END
22YES-64-84C	WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS
	CRS 17-22 – ROOF – CR 20 – NORTH SIDE WEST END
22YES-64-84D	WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS
	CRS 17-22 – ROOF – CR 21 SOUTH SIDE CENTER



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Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	11/10/2022	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Horace Mann ES – MOD Insp		
Submitted By	Kristy Yowell <i>Kristy Yowell</i>	Date	11/14/2022
Received By		Date	

SAMPLE ID	1 <sup>ST</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-85A	WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS
	COVERED WALKWAY SOUTH – SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27)
22YES-64-85B	WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS
	COVERED WALKWAY NORTH – SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27)
22YES-64-86A	FIBERGLASS INSULATION PAPER/FOIL JACKETED
	CHILLER YARD – NORTH CENTER - ON PIPE STRAIGHT NEAR TANK
22YES-64-86B	FIBERGLASS INSULATION PAPER/FOIL JACKETED
	CHILLER YARD – NW CORNER - ON PIPE AT TANK
22YES-64-87A	MASTIC – BLACK/GREY
	CHILLER YARD – CENTER ON VALVE NEXT TO BOOSTER PUMP
22YES-64-88A	MUDDIED END
	CHILLER YARD – CENTER AT BOOSTER PUMP ONLY
22YES-64-90A	INSULATION BLANKET – FIBERGLASS WITH CLOTH & VINYL JACKETING
	CHILLER YARD – DEBRIS PILE AT DOUBLE DOORS
22YES-64-82C	MASTIC – BLACK/GREY– FOAMED OVER SILVER PAINT
	CRS 17-27 – ROOF – CR 19 CENTER ON 3” PIPE
22YES-64-82D	MASTIC – BLACK/GREY– FOAMED OVER SILVER PAINT
	CRS 17-27 – ROOF – CR 17 NORTH SIDE WEST END ON 2” PIPE
22YES-64-89A	SANDWICHED VAPOR BARRIER - BLACK
	MB – CR 12 STORAGE AREA – SOUTH SIDE WEST END







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EMSL Order: 472200202  
Page 171 of 198

Customer ID: YWEL75

Customer PO:

Project ID:

**Attention:** Kristy Yowell  
YES Environmental, Inc.  
13708 Carpaccio Lane  
Bakersfield, CA 93306

**Phone:** (661) 477-4662

**Fax:**

**Received Date:** 11/16/2022 7:55 PM

**Analysis Date:** 11/17/2022 - 11/18/2022

**Collected Date:** 11/10/2022

**Project:** 22YES-64 BAKERSFIELD CITY SCHOOL DISTRICT

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-34D-Carpet 472200202-0001	CR 17-27 - CR 23 - NW AREA UNDER CARPET - CARPET & GLUE - BLUE/GREEN/RED/C REAM MULTI	Gray Fibrous Homogeneous	80% Synthetic	20% Non-fibrous (Other)	None Detected
22YES-64-34D-Mastic 472200202-0001A	CR 17-27 - CR 23 - NW AREA UNDER CARPET - CARPET & GLUE - BLUE/GREEN/RED/C REAM MULTI	Clear Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-34E-Carpet 472200202-0002	CRS 17-27 - CR 26 - EAST SIDE SOUTH END - CARPET & GLUE - BLUE/GREEN/RED/C REAM MULTI	Blue Fibrous Homogeneous	40% Synthetic	60% Non-fibrous (Other)	None Detected
22YES-64-34E-Mastic 472200202-0002A	CRS 17-27 - CR 26 - EAST SIDE SOUTH END - CARPET & GLUE - BLUE/GREEN/RED/C REAM MULTI	Clear Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-57C-Baseboard 472200202-0003	CRS 17-27 - CR 23 - NORTH WALL AT DOOR - BASEBOARD & BROWNS & YELLOW GLUES 4" BLUE	Blue Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-57C-Mastic 472200202-0003A	CRS 17-27 - CR 23 - NORTH WALL AT DOOR - BASEBOARD & BROWNS & YELLOW GLUES 4" BLUE	Beige Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-57D-Baseboard 472200202-0004	CRS 17-27 - CR 25 - NORTH WALL UNDER CABINETS - BASEBOARD & BROWNS & YELLOW GLUES 4" BLUE	Blue Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-57D-Mastic 472200202-0004A	CRS 17-27 - CR 25 - NORTH WALL UNDER CABINETS - BASEBOARD & BROWNS & YELLOW GLUES 4" BLUE	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected

Initial report from: 11/18/2022 13:23:08



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<b>EMSL Order:</b> 472200202 Page 172 of 198 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> <b>Project ID:</b>
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-61C-Carpet 472200202-0005	CRS 17-27 - CR 24 - NW AREA - CARPET & GLUE - BLACK WITH WHITE DOTS	Black Fibrous Homogeneous	80% Synthetic	20% Non-fibrous (Other)	None Detected
22YES-64-61C-Mastic 472200202-0005A	CRS 17-27 - CR 24 - NW AREA - CARPET & GLUE - BLACK WITH WHITE DOTS	Clear Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-61D-Carpet 472200202-0006	CRS 17-27 - CR 25 - NE CORNER - CARPET & GLUE - BLACK WITH WHITE DOTS	Blue Fibrous Homogeneous	40% Synthetic	60% Non-fibrous (Other)	None Detected
22YES-64-61D-Mastic 472200202-0006A	CRS 17-27 - CR 25 - NE CORNER - CARPET & GLUE - BLACK WITH WHITE DOTS	Clear Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-62C 472200202-0007	CRS 17-27 - CR 23 - SW CORNER OF CEILING - LAY-IN PANELS 2'X4' GOUGE PINHOLE PATTERN	Beige Fibrous Homogeneous	70% Cellulose 10% Glass	20% Non-fibrous (Other)	None Detected
22YES-64-62D 472200202-0008	CRS 17-27 - CR 26 - NORTH SIDE NW AREA - LAY-IN PANELS 2'X4' GOUGE PINHOLE PATTERN	Beige Fibrous Homogeneous	80% Cellulose 10% Glass	10% Non-fibrous (Other)	None Detected
22YES-64-63C 472200202-0009	CRS 17-27 - CR 24 - NW AREA OF CEILING - FIBERGLASS BATT INSULATION PAPER JACKETED	Pink Fibrous Homogeneous	10% Cellulose 80% Glass	10% Non-fibrous (Other)	None Detected
22YES-64-63D 472200202-0010	CRS 17-27 - CR 26 - NW AREA OF CEILING ABOVE LAY-IN PANEL - FIBERGLASS BATT INSULATION PAPER JACKETED	Tan/Pink Fibrous Homogeneous	10% Cellulose 80% Glass	10% Non-fibrous (Other)	None Detected
22YES-64-64C 472200202-0011	CRS 17-27 - CR 24 - ABOVE ORIGINAL CEILING NW AREA - FIBERGLASS BATT INSULATION PAPER JACKETED	Yellow Fibrous Homogeneous	5% Cellulose 90% Glass	5% Non-fibrous (Other)	None Detected
22YES-64-64D 472200202-0012	CRS 17-27 - CR 26 - NW AREA ABOVE ORIGINAL CEILING - FIBERGLASS BATT INSULATION PAPER JACKETED	Yellow Fibrous Homogeneous	5% Cellulose 80% Glass	15% Non-fibrous (Other)	None Detected
22YES-64-71B-Sheet Flooring 472200202-0013	CRS 17-27 - CR 27 - NORTH COUNTER - SHEET VINYL & BROWN MASTIC - PINK WOOD GRAIN	Pink Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected

Initial report from: 11/18/2022 13:23:08



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<b>EMSL Order:</b> 472200202 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> <b>Project ID:</b>
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-71B-Mastic 472200202-0013A	CRS 17-27 - CR 27 - NORTH COUNTER - SHEET VINYL & BROWN MASTIC - PINK WOOD GRAIN	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-73B 472200202-0014	CRS 17-27 - GIRS RR (ADJ. CR 25) NW CORNER - PLASTER - SMOOTH FINISH	White Non-Fibrous Homogeneous		20% Quartz 60% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-75C 472200202-0015	CRS 17-27 - CR 24 - NW AREA ABOVE ORIGINAL CEILING - FIBERGLASS PIPE INSULATION CLOTH JACKETED	Yellow Fibrous Homogeneous	10% Cellulose 80% Glass	10% Non-fibrous (Other)	None Detected
22YES-64-78A-Sheet Flooring 472200202-0016	CRS 17-27 - CR 23 - WEST ANGLED COUNTER - SHEET VINYL, BURLAP BACKING & BROWN GLUE - CREAM WOOD GRAIN	Green Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-78A-Mastic 1 472200202-0016A	CRS 17-27 - CR 23 - WEST ANGLED COUNTER - SHEET VINYL, BURLAP BACKING & BROWN GLUE - CREAM WOOD GRAIN	Brown Non-Fibrous Homogeneous	5% Cellulose	80% Matrix 15% Non-fibrous (Other)	None Detected
22YES-64-78A-Mastic 2 472200202-0016B	CRS 17-27 - CR 23 - WEST ANGLED COUNTER - SHEET VINYL, BURLAP BACKING & BROWN GLUE - CREAM WOOD GRAIN	Tan Non-Fibrous Homogeneous	40% Cellulose	40% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-78B-Sheet Flooring 472200202-0017	CRS 17-27 - CR 25 - WEST ANGLED COUNTER - SHEET VINYL, BURLAP BACKING & BROWN GLUE - CREAM WOOD GRAIN	Green Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
22YES-64-78B-Mastic 472200202-0017A	CRS 17-27 - CR 25 - WEST ANGLED COUNTER - SHEET VINYL, BURLAP BACKING & BROWN GLUE - CREAM WOOD GRAIN	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-79A 472200202-0018	CRS 17-27 - BOYS RR (ADJ. TO CR 25) AT SINK AT EXISTING DAMAGE - CERMAIC FLOOR TILE GROUT - BROWN (1"X2" BROWNS)	Gray Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected



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<b>EMSL Order:</b> 472200202 <b>Customer ID:</b> YWEL75 <b>Customer PO:</b> <b>Project ID:</b>
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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-80A  472200202-0019	CRS 17-27 - GIRLS RR (ADJ. TO CR 2) - WEST WALL NORTH END - CERAMIC WALL TILE GROUT - WHITE (4"X6" CREAM W/GOLD)	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-81A  472200202-0020	CRS 17-27 - CR 26 - NW AREA ABOVE ORIGINAL CEILING - CLOTH JACKET OVER MUDDER PIPE JOINT/JUNCTION INSULATION (GREY FIBROUS)	Gray Fibrous Homogeneous	70% Glass	25% Non-fibrous (Other)	5% Chrysotile
22YES-64-82A-Mastic  472200202-0021	CRS 17-27 - ROOF - CR 23 NORTH SIDE AT VENT PIPE - MASTIC - BLACK/GREY - FOAMED OVER	Black Non-Fibrous Homogeneous		80% Matrix 15% Non-fibrous (Other)	5% Chrysotile
22YES-64-82A-Foam  472200202-0021A	CRS 17-27 - ROOF - CR 23 NORTH SIDE AT VENT PIPE - MASTIC - BLACK/GREY - FOAMED OVER	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-82B-Mastic  472200202-0022	CRS 17-27 - ROOF - CR 25 SOUTH SIDE AT ROOF JACK - MASTIC - BLACK/GREY - FOAMED OVER	Black Non-Fibrous Homogeneous		80% Matrix 15% Non-fibrous (Other)	5% Chrysotile
22YES-64-82B-Foam  472200202-0022A	CRS 17-27 - ROOF - CR 25 SOUTH SIDE AT ROOF JACK - MASTIC - BLACK/GREY - FOAMED OVER	Yellow Non-Fibrous Homogeneous		90% Matrix 10% Non-fibrous (Other)	None Detected
22YES-64-83A-Coating  472200202-0023	CRS 23-27 - ROOF - CR 23 EAST END NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-83A-Foam  472200202-0023A	CRS 23-27 - ROOF - CR 23 EAST END NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected



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EMSL Order: 472200202  
Page 175 of 198

Customer ID: YWEL75

Customer PO:

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-83A-Shingle 472200202-0023B	CRS 23-27 - ROOF - CR 23 EAST END NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	20% Cellulose 5% Glass	75% Non-fibrous (Other)	None Detected
22YES-64-83A-Felt 472200202-0023C	CRS 23-27 - ROOF - CR 23 EAST END NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
22YES-64-83B-Coating 472200202-0024	CRS 23-27 - ROOF - CR 27 SOUTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-83B-Foam 472200202-0024A	CRS 23-27 - ROOF - CR 27 SOUTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-83B-Silver Paint 472200202-0024B	CRS 23-27 - ROOF - CR 27 SOUTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Blue Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-83B-Shingle 472200202-0024C	CRS 23-27 - ROOF - CR 27 SOUTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Non-Fibrous Homogeneous	20% Cellulose 10% Glass	70% Non-fibrous (Other)	None Detected
22YES-64-83B-Felt 472200202-0024D	CRS 23-27 - ROOF - CR 27 SOUTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected



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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-83C-Coating  472200202-0025	CRS 23-27 - ROOF - CR 25 NORTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-83C-Foam  472200202-0025A	CRS 23-27 - ROOF - CR 25 NORTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-83C-Silver Paint  472200202-0025B	CRS 23-27 - ROOF - CR 25 NORTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-83C-Shingle  472200202-0025C	CRS 23-27 - ROOF - CR 25 NORTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Non-Fibrous Homogeneous	10% Cellulose 5% Glass	80% Matrix 5% Non-fibrous (Other)	None Detected
22YES-64-83C-Felt  472200202-0025D	CRS 23-27 - ROOF - CR 25 NORTH SIDE NEAR RIDGE - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	30% Cellulose	60% Matrix 10% Non-fibrous (Other)	None Detected
22YES-64-83D-Coating  472200202-0026	CRS 23-27 - ROOF - CR 24 NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-83D-Foam  472200202-0026A	CRS 23-27 - ROOF - CR 24 NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-83D-Silver Paint  472200202-0026B	CRS 23-27 - ROOF - CR 24 NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile

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 Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-83D-Shingle 472200202-0026C	CRS 23-27 - ROOF - CR 24 NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Non-Fibrous Homogeneous	20% Cellulose	60% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-83D-Felt 472200202-0026D	CRS 23-27 - ROOF - CR 24 NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	30% Cellulose	60% Matrix 10% Non-fibrous (Other)	None Detected
22YES-64-84A-Coating 472200202-0027	CRS 17-22 - ROOF - CR 17 - SOUTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84A-Foam 472200202-0027A	CRS 17-22 - ROOF - CR 17 - SOUTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84A-Silver Paint 472200202-0027B	CRS 17-22 - ROOF - CR 17 - SOUTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-84A-Shingle 472200202-0027C	CRS 17-22 - ROOF - CR 17 - SOUTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
22YES-64-84A-Felt 472200202-0027D	CRS 17-22 - ROOF - CR 17 - SOUTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
22YES-64-84B-Coating 472200202-0028	CRS 17-22 - ROOF - CR 19 NORTH SIDE EAST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected





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**Project ID:**

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-84B-Foam  472200202-0028A	CRS 17-22 - ROOF - CR 19 NORTH SIDE EAST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84B-Silver Paint  472200202-0028B	CRS 17-22 - ROOF - CR 19 NORTH SIDE EAST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-84B-Shingle  472200202-0028C	CRS 17-22 - ROOF - CR 19 NORTH SIDE EAST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	10% Cellulose 10% Glass	80% Non-fibrous (Other)	None Detected
22YES-64-84B-Felt  472200202-0028D	CRS 17-22 - ROOF - CR 19 NORTH SIDE EAST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
22YES-64-84C-Coating  472200202-0029	CRS 17-22 - ROOF - CR 20 - NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84C-Foam  472200202-0029A	CRS 17-22 - ROOF - CR 20 - NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84C-Silver Paint  472200202-0029B	CRS 17-22 - ROOF - CR 20 - NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-84C-Shingle  472200202-0029C	CRS 17-22 - ROOF - CR 20 - NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Non-Fibrous Homogeneous	10% Cellulose 5% Glass	80% Matrix 5% Non-fibrous (Other)	None Detected



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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-84C-Felt  472200202-0029D	CRS 17-22 - ROOF - CR 20 - NORTH SIDE WEST END - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	40% Cellulose	40% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84D-Coating  472200202-0030	CRS 17-22 - ROOF - CR 21 SOUTH SIDE CENTER - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84D-Foam  472200202-0030A	CRS 17-22 - ROOF - CR 21 SOUTH SIDE CENTER - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84D-Silver Paint  472200202-0030B	CRS 17-22 - ROOF - CR 21 SOUTH SIDE CENTER - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-84D-Shingle  472200202-0030C	CRS 17-22 - ROOF - CR 21 SOUTH SIDE CENTER - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Non-Fibrous Homogeneous	20% Cellulose	60% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-84D-Felt  472200202-0030D	CRS 17-22 - ROOF - CR 21 SOUTH SIDE CENTER - WHITE COATING ON FOAM ON SILVER PAINT ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	40% Cellulose	40% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-85A-Coating  472200202-0031	COVERED WALKWAY SOUTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected



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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-85A-Foam  472200202-0031A	COVERED WALKWAY SOUTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-85A-Silver Paint  472200202-0031B	COVERED WALKWAY SOUTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-85A-Roofing  472200202-0031C	COVERED WALKWAY SOUTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	Black Non-Fibrous Homogeneous	20% Cellulose	60% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-85A-Felt  472200202-0031D	COVERED WALKWAY SOUTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	Black Fibrous Homogeneous	20% Cellulose	40% Matrix 20% Non-fibrous (Other)	20% Chrysotile
22YES-64-85B-Coating  472200202-0032	COVERED WALKWAY NORTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected



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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-85B-Foam 472200202-0032A	COVERED WALKWAY NORTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-64-85B-Silver Paint 472200202-0032B	COVERED WALKWAY NORTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-85B-Roofing 472200202-0032C	COVERED WALKWAY NORTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	Black Non-Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
22YES-64-85B-Felt 472200202-0032D	COVERED WALKWAY NORTH - SOUTH SIDE MIDDLE (N/W WALKWAY BETWEEN 17/22 & 23-27) - WHITE COATING ON FOAM ON SILVER PAINT ON ROLLED COMP ROOFING & FELTS	Black Fibrous Homogeneous		60% Matrix 20% Non-fibrous (Other)	20% Chrysotile
22YES-64-86A 472200202-0033	CHILLER YARD - NORTH CENTER - ON PIPE STRAIGHT NEAR TANK - FIBERGLASS INSULATION PAPER/FOIL JACKETED	Brown Fibrous Homogeneous	95% Glass	5% Non-fibrous (Other)	None Detected
22YES-64-86B 472200202-0034	CHILLER YARD - NW CORNER - ON PIPE AT TANK - FIBERGLASS INSULATION PAPER/FOIL JACKETED	Tan/Yellow Fibrous Homogeneous	5% Cellulose 90% Glass	5% Non-fibrous (Other)	None Detected



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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-87A  472200202-0035	CHILLER YARD - CENTER ON VALVE NEXT TO BOOSTER PUMP - MASTIC - BLACK/GREY	Black Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
22YES-64-88A  472200202-0036	CHILLER YARD - CENTER AT BOOSTER PUMP ONLY - MUDDERED END	White Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
22YES-64-90A  472200202-0037	CHILLER YARD - DEBRIS PILE AT DOUBLE DOORS - INSULATION BLANKET - FIBERGLASS WITH CLOTH & VINYL JACKETING	Gray/Tan/White Fibrous Homogeneous	99% Glass	1% Non-fibrous (Other)	None Detected
22YES-64-82C-Silver Paint  472200202-0038	CRS 17-27 - ROOF - CR 19 CENTER ON 3" PIPE - MASTIC - BLACK/GREY - FOAMED OVER SILVER PAINT	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-82C-Mastic  472200202-0038A	CRS 17-27 - ROOF - CR 19 CENTER ON 3" PIPE - MASTIC - BLACK/GREY - FOAMED OVER SILVER PAINT	Black Non-Fibrous Homogeneous		80% Matrix 15% Non-fibrous (Other)	5% Chrysotile
22YES-64-82D-Silver Paint  472200202-0039	CRS 17-27 - ROOF - CR 17 NORTH SIDE WEST END ON 2" PIPE - MASTIC - BLACK/GREY - FOAMED OVER SILVER PAINT	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-64-82D-Mastic  472200202-0039A	CRS 17-27 - ROOF - CR 17 NORTH SIDE WEST END ON 2" PIPE - MASTIC - BLACK/GREY - FOAMED OVER SILVER PAINT	Black Non-Fibrous Homogeneous		80% Matrix 15% Non-fibrous (Other)	5% Chrysotile
22YES-64-89A  472200202-0040	MB - CR 12 STORAGE AREA - SOUTH SIDE WEST END - SANDWICHED VAPOR BARRIER - BLACK	Gray Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
22YES-64-89B  472200202-0041	MB - CR 2 - SOUTH SIDE EAST END - SANDWICHED VAPOR BARRIER - BLACK	Black Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
22YES-64-89C  472200202-0042	MB - HR OFFICE - HALLWAY BETWEEN ROOMS - SANDWICHED VAPOR BARRIER - BLACK	Black Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected

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Analyst(s)

*Aimee Hartwig (42)*

*Jonathan Nomura (53)*

Jonathan Nomura, Laboratory Manager  
or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc. Santa Clara, CA NVLAP Lab Code 600318-0

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**YES Environmental, Inc.**

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1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	5/16/2023	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA Testing
Job Site Name & Description	Horse Mann ES – MOD Inspection		
Submitted By	Kristy Yowell <i>(Signature)</i>	Date	5/17/2023
Received By	Annette McKissack <i>(Signature)</i>	Date	05/18/23 945

SAMPLE ID	1 <sup>st</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-92A	DRYWALL, ORANGE PEEL TEXTURE
	RM 28 – NORTHSIDE CENTER
22YES-64-92B	DRYWALL, ORANGE PEEL TEXTURE
	RM 29 – SOUTHEAST CORNER
22YES-64-93A	LAY-IN PANELS 2'X4' LARGE FISSURE PINHOLE
	RM 28 – NORTHSIDE CENTER
22YES-64-94A	FIBERGLASS BATT INSULATION PAPER JACKETED
	RM 28 – NORTHSIDE CENTER
22YES-64-95A	ACOUSTIC CEILING TILE - 12" UNIFORM HOLE (NAILED)
	R2-R4 – STAFF LOUNGE – SOUTHWEST CORNER
22YES-64-96A	UNFINISHED DRYWALL WITH TACKBOARD GLUE
	B2 – EAST WALL
22YES-64-97A	LAY-IN PANELS 2'X4' FIBERGLASS ORANGE PEEL PATTERN
	B1 – WEST WALL
22YES-64-98A	UNFINISHED DRYWALL WITH TACKBOARD GLUE
	B7 – WEST WALL
22YES-64-99A	LAY-IN PANELS 2'X4' FIBERGLASS ORANGE PEEL PATTERN
	B5 – EAST SIDE
22YES-64-100A	LAY-IN PANELS 2'X4' DRYWALL VINYL JACKETED
	R9 – RESTROOM PORTABLE - CENTER



# YES Environmental, Inc.

#322313084 Page 185 of 198

1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	5/16/2023	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA Testing
Job Site Name & Description	<i>Horace</i> Mann ES – MOD Inspection		
Submitted By	Kristy Yowell <i>(Signature)</i>	Date	5/17/2023
Received By	<i>Annette McKissack (E&amp;C)</i>	Date	<i>05/18/23 945</i>

SAMPLE ID	1 <sup>st</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-101A	UNFINISHED DRYWALL WITH FRP GLUE
	R9 – RESTROOM PORTABLE – WEST WALL CENTER
22YES-64-102A	LAY-IN PANELS 2'X4' FISSURE PINHOLE
	B19 – EAST SIDE CENTER
22YES-64-103A	UNFINISHED DRYWALL WITH TACKBOARD GLUE
	B19 – EAST SIDE CENTER
22YES-64-104A	EXTERIOR BLACK VAPOR BARRIER
	B19 – EAST WALL
22YES-64-105A	UNFINISHED DRYWALL WITH TACKBOARD GLUE
	B22 – WEST SIDE
22YES-64-106A	LAY-IN PANELS 2'X4' FISSURE PINHOLE
	B22 – WEST SIDE
22YES-64-107A	UNFINISHED DRYWALL WITH TACKBOARD GLUE
	B12 – NORTH SIDE CENTER
22YES-64-108A	LAY-IN PANELS 2'X4' FIBERGLASS ORANGE PEEL PATTERN
	B12 – NORTH SIDE CENTER
22YES-64-109A	UNFINISHED DRYWALL WITH TACKBOARD GLUE
	R25 – CONFERENCE ROOM – NORTH SIDE CENTER
22YES-64-110A	LAY-IN PANELS 2'X4' FISSURE PINHOLE
	R25 – CONFERENCE ROOM – NORTH SIDE CENTER





**YES Environmental, Inc.**

1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Contact Name & Phone Number	Kristy Yowell (661) 477-4662	Account #	YWEL75
Comments	Please e-mail results to: <a href="mailto:kristy@yowellenvironmental.com">kristy@yowellenvironmental.com</a>	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Dispersion Staining	
Date Samples Collected	5/16/2023	72 Hour	
Job # & Client	22YES-64 Bakersfield City School District	LAB	LA Testing
Job Site Name & Description	<i>Horace</i> Mann ES – MOD Inspection		
Submitted By	Kristy Yowell <i>[Signature]</i>	Date	5/17/2023
Received By	<i>Annette McKissack (Efx)</i>	Date	05/18/23 945

SAMPLE ID	1 <sup>st</sup> LINE: MATERIAL DESCRIPTION – 2 <sup>ND</sup> LINE: SAMPLE LOCATION
22YES-64-111A	UNFINISHED DRYWALL WITH TACKBOARD GLUE
	ADMIN – SOUTHWEST AREA
22YES-64-112A	LAY-IN PANELS 2'X4' FIBERGLASS ORANGE PEEL PATTERN
	ADMIN – SOUTHWEST AREA



# LA Testing

520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982

<http://www.LATesting.com> / [pasadenalab@latesting.com](mailto:pasadenalab@latesting.com)

LA Testing Order: 322313084  
Page 187 of 198

Customer ID: YWEL75

Customer PO:

Project ID:

**Attention:** Kristy Yowell  
YES Environmental, Inc.  
1201 24th Street, Suite B110-377  
Bakersfield, CA 93301

**Phone:** (661) 477-4662

**Fax:**

**Received Date:** 05/18/2023 9:45 AM

**Analysis Date:** 05/22/2023

**Collected Date:** 05/17/2023

**Project:** 22YES-64 Bakersfield City School District Horace Mann ES - MOD Inspection

## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-92A-Texture 322313084-0001	Rm 28 - northside center - Drywall, orange peel texture	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-92A-Drywall 322313084-0001A	Rm 28 - northside center - Drywall, orange peel texture	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-92B-Texture 322313084-0002	Rm 29 - southeast corner - Drywall, orange peel texture	White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-92B-Drywall 322313084-0002A	Rm 29 - southeast corner - Drywall, orange peel texture	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-93A 322313084-0003	Rm 28 - northside center - Lay-in panels 2'x4' large fissure pinhole	Gray/White Fibrous Homogeneous	35% Cellulose 15% Min. Wool	10% Perlite 40% Non-fibrous (Other)	None Detected
22YES-64-94A-Insulation 322313084-0004	Rm 28 - northside center - Fiberglass batt unsualtion paper jacketed	White/Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-94A-Paper Jacketed 322313084-0004A	Rm 28 - northside center - Fiberglass batt unsualtion paper jacketed	Brown Fibrous Homogeneous	45% Cellulose	55% Non-fibrous (Other)	None Detected
22YES-64-94A-Mastic Like 322313084-0004B	Rm 28 - northside center - Fiberglass batt unsualtion paper jacketed	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-95A 322313084-0005	R2-R4 - staff lounge - southwest corner - Acoustic ceiling tile - 12" uniform hole (nailed)	Brown/White Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
22YES-64-96A-Drywall 322313084-0006	B2 - east wall - Unfinished drywall with tackboard glue	Brown/White Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
22YES-64-96A-Glue 322313084-0006A	B2 - east wall - Unfinished drywall with tackboard glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-97A-Fiberglass 322313084-0007	B1 - west wall - Lay-in panels 2'x4' fiberglass orange peel pattern	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-97A-Peel Pattern 322313084-0007A	B1 - west wall - Lay-in panels 2'x4' fiberglass orange peel pattern	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-98A-Drywall 322313084-0008	B7 - west wall - Unfinished drywall with tackboard glue	Brown/White Non-Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected

Initial report from: 05/22/2023 14:01:37



# LA Testing

520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982

<http://www.LATesting.com> / [pasadenalab@latesting.com](mailto:pasadenalab@latesting.com)

LA Testing Order: 322313084  
Page 188 of 198

Customer ID: YWEL75

Customer PO:

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-98A-Glue 322313084-0008A	B7 - west wall - Unfinished drywall with tackboard glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-99A-Fiberglass 322313084-0009	B5 - east side - Lay-in panels 2'x4' fiberglass orange peel pattern	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-99A-Peel Pattern 322313084-0009A	B5 - east side - Lay-in panels 2'x4' fiberglass orange peel pattern	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-100A 322313084-0010	R9 - restroom portable - center - Lay-in panels 2'x4' drywall vinyl jacketed	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
22YES-64-101A-Drywall 322313084-0011	R9 - restroom portable - west wall center - Unfinished drywall with frp glue	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-101A-Glue 322313084-0011A	R9 - restroom portable - west wall center - Unfinished drywall with frp glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-102A 322313084-0012	B19 - east side center - Lay-in panels 2'x4' fissure pinhole	White/Beige Fibrous Heterogeneous	40% Cellulose 25% Min. Wool	20% Perlite 15% Non-fibrous (Other)	None Detected
22YES-64-103A-Drywall 322313084-0013	B19 - east side center - Unfinished drywall with tackboard glue	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-103A-Glue 322313084-0013A	B19 - east side center - Unfinished drywall with tackboard glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-104A 322313084-0014	B19 - east wall - Exterior black vapor barrier	Brown/Black Fibrous Homogeneous	65% Cellulose	35% Non-fibrous (Other)	None Detected
22YES-64-105A-Drywall 322313084-0015	B22 - west side - Unfinished drywall with tackboard glue	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-105A-Glue 322313084-0015A	B22 - west side - Unfinished drywall with tackboard glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-105A-Insulation 322313084-0015B	B22 - west side - Unfinished drywall with tackboard glue	White/Beige Fibrous Homogeneous	95% Glass	5% Non-fibrous (Other)	None Detected
22YES-64-106A 322313084-0016	B12 - north side center - Lay-in panels 2'x4' fissure pinhole	Gray/White Fibrous Homogeneous	40% Cellulose 10% Min. Wool	10% Perlite 40% Non-fibrous (Other)	None Detected
22YES-64-107A-Drywall 322313084-0017	B12 - north isde center - Unfinished drywall with tackboard glue	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
22YES-64-107A-Glue 322313084-0017A	B12 - north isde center - Unfinished drywall with tackboard glue	Yellow/Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected



# LA Testing

520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982

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LA Testing Order: 322313084  
Page 189 of 198

Customer ID: YWEL75

Customer PO:

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
22YES-64-108A-Fiberglass 322313084-0018	B12 - north side center - Lay-in panels 2'x4' fiberglass orange peel pattern	White/Yellow Fibrous Heterogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-108A-Peel 322313084-0018A	B12 - north side center - Lay-in panels 2'x4' fiberglass orange peel pattern	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-109A-Drywall 322313084-0019	R25 - conference room - north side center - Unfinished drywall with tackboard glue	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
22YES-64-109A-Glue 322313084-0019A	R25 - conference room - north side center - Unfinished drywall with tackboard glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-110A 322313084-0020	R25 - conference room - north side center - Lay-in panels 2'x4' fissure pinhole	White/Beige Fibrous Heterogeneous	40% Cellulose 25% Min. Wool	20% Perlite 15% Non-fibrous (Other)	None Detected
22YES-64-111A-Drywall 322313084-0021	Admin - southwest area - Unfinished drywall with tackboard glue	Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	78% Non-fibrous (Other)	None Detected
22YES-64-111A-Glue 322313084-0021A	Admin - southwest area - Unfinished drywall with tackboard glue	Yellow/Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22YES-64-112A-Fiberglass 322313084-0022	Admin - southwest area - Lay-in panels 2'x4' fiberglass orange peel pattern	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
22YES-64-112A-Peel 322313084-0022A	Admin - southwest area - Lay-in panels 2'x4' fiberglass orange peel pattern	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Caleb Elquezabal (18)

Tania Lopez (21)

Jerry Drapala Ph.D, Laboratory Manager  
or Other Approved Signatory

LA Testing maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by LA Testing. LA Testing bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore LA Testing recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Initial report from: 05/22/2023 14:01:37



Attachment D – Consultant & Laboratory Certifications

DEPARTMENT OF INDUSTRIAL RELATIONS

**Division of Occupational Safety and Health-Asbestos Certification**

1750 Howe Avenue, Suite 460

Sacramento, CA 95825

(916) 574-2993 Office <http://www.dir.ca.gov/dosh/asbestos.html> [actu@dir.ca.gov](mailto:actu@dir.ca.gov)



903034500C

324

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December 07, 2022

**Kristy L Yowell**  
**13708 Carpaccio Lane**  
**Bakersfield CA 93306**

Dear Certified Asbestos Consultant or Technician:

Enclosed is your certification card. **To maintain your certification, you must abide by the rules printed on the back of the certification card.**

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days before the expiration date shown on your card. [8 CCR 341.15(h)(1)].

Please hold and do not send copies of your required AHERA refresher renewal certificates to our office until you apply for renewal of your certification.

Certificates must be kept current if you are actively working as a CAC or CSST. The grace period is only for those who are not actively working as an asbestos consultant or site surveillance technician.

Please contact our office at the above address or email w any changes in your contact/ mailing information within 15 days of the change.

Sincerely,

*Eric Berg*

Eric Berg  
Deputy Chief of Health

Attachment: Certification Card

cc: File

Renewal – Card Attached





STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC HEALTH



# LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
 <b>Kristy Yowell</b>	Lead Inspector/Assessor	LRC-00004640	2/9/2024
	Lead Supervisor	LRC-00004639	2/9/2024

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at [www.cdph.ca.gov/programs/clppb](http://www.cdph.ca.gov/programs/clppb) or calling (800) 597-LEAD

DEPARTMENT OF INDUSTRIAL RELATIONS

**Division of Occupational Safety and Health-Asbestos Certification**

1750 Howe Avenue, Suite 460

Sacramento, CA 95825

(916) 574-2993 Office <http://www.dir.ca.gov/dosh/asbestos.html> [actu@dir.ca.gov](mailto:actu@dir.ca.gov)



201287047T

465

467

**YES Environmental Inc.**  
**Allen R. Evans**  
**1201 24th Street, Suite B110-377**  
**Bakersfield CA 93301**

**March 20, 2023**

Dear Certified Asbestos Consultant or Technician:

Enclosed is your certification card. **To maintain your certification, you must abide by the rules printed on the back of the certification card.**

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days before the expiration date shown on your card. [8 CCR 341.15(h)(1)].

Please hold and do not send copies of your required AHERA refresher renewal certificates to our office until you apply for renewal of your certification.

Certificates must be kept current if you are actively working as a CAC or CSST. The grace period is only for those who are not actively working as an asbestos consultant or site surveillance technician.

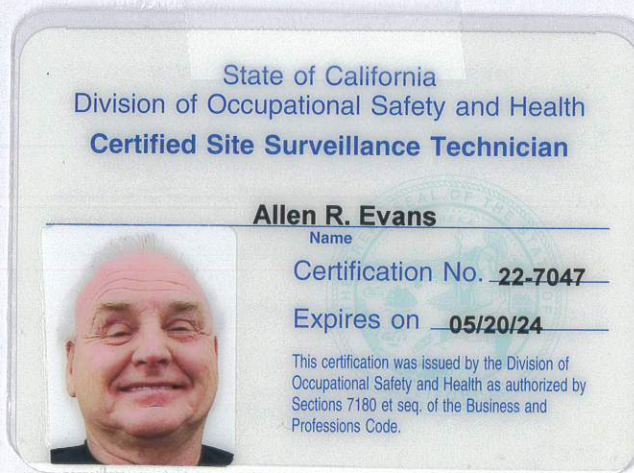
Please contact our office at the above address or email w any changes in your contact/ mailing information within 15 days of the change.

Sincerely,

Kevin Graulich  
Principal Safety Engineer

Attachment: Certification Card

cc: File







STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC HEALTH



# LEAD-RELATED CONSTRUCTION CERTIFICATE

**INDIVIDUAL:**



**Allen Evans**

**CERTIFICATE TYPE:**

Lead Sampling Technician

**NUMBER:**

LRC-00010539

**EXPIRATION DATE:**

10/21/2023

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at [www.cdph.ca.gov/programs/clppb](http://www.cdph.ca.gov/programs/clppb) or calling (800) 597-LEAD

United States Department of Commerce  
National Institute of Standards and Technology



---

**Certificate of Accreditation to ISO/IEC 17025:2017**

---

NVLAP LAB CODE: 200232-0

**LA Testing**  
South Pasadena, CA

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,  
listed on the Scope of Accreditation, for:*

**Asbestos Fiber Analysis**

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

---

2022-07-01 through 2023-06-30

*Effective Dates*



---

*For the National Voluntary Laboratory Accreditation Program*

**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017**

**LA Testing**

520 Mission Street

South Pasadena, CA 91030

Mr. Jerry Drapala Ph.D.

Phone: (323) 254-9960 Fax: (323) 254-9982

Email: [jdrapala@latesting.com](mailto:jdrapala@latesting.com)

<http://www.latesting.com>

**ASBESTOS FIBER ANALYSIS**

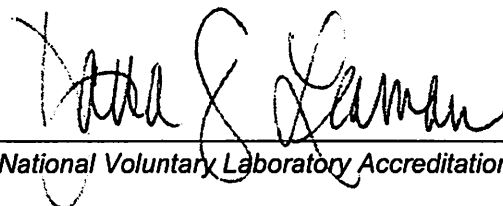
**NVLAP LAB CODE 200232-0**

**Bulk Asbestos Analysis**

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

**Airborne Asbestos Analysis**

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.



For the National Voluntary Laboratory Accreditation Program

United States Department of Commerce  
National Institute of Standards and Technology



**Certificate of Accreditation to ISO/IEC 17025:2017**

NVLAP LAB CODE: 101048-3

**EMSL Analytical, Inc.**  
San Leandro, CA

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,  
listed on the Scope of Accreditation, for:*

**Asbestos Fiber Analysis**

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2022-07-01 through 2023-06-30

*Effective Dates*



*For the National Voluntary Laboratory Accreditation Program*

**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017**

**EMSL Analytical, Inc.**

464 McCormick St.  
San Leandro, CA 94577  
Cecilia Yu  
Phone: 510-895-3675  
Email: cyu@emsl.com  
http://www.emsl.com

**ASBESTOS FIBER ANALYSIS**

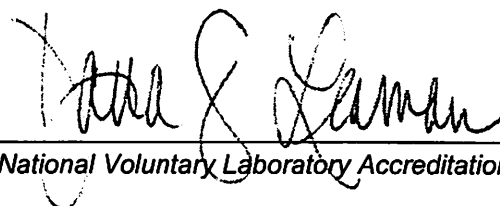
**NVLAP LAB CODE 101048-3**

**Bulk Asbestos Analysis**

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

**Airborne Asbestos Analysis**

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.



For the National Voluntary Laboratory Accreditation Program



**BCSD**

# **HMES - PHASING PLAN**

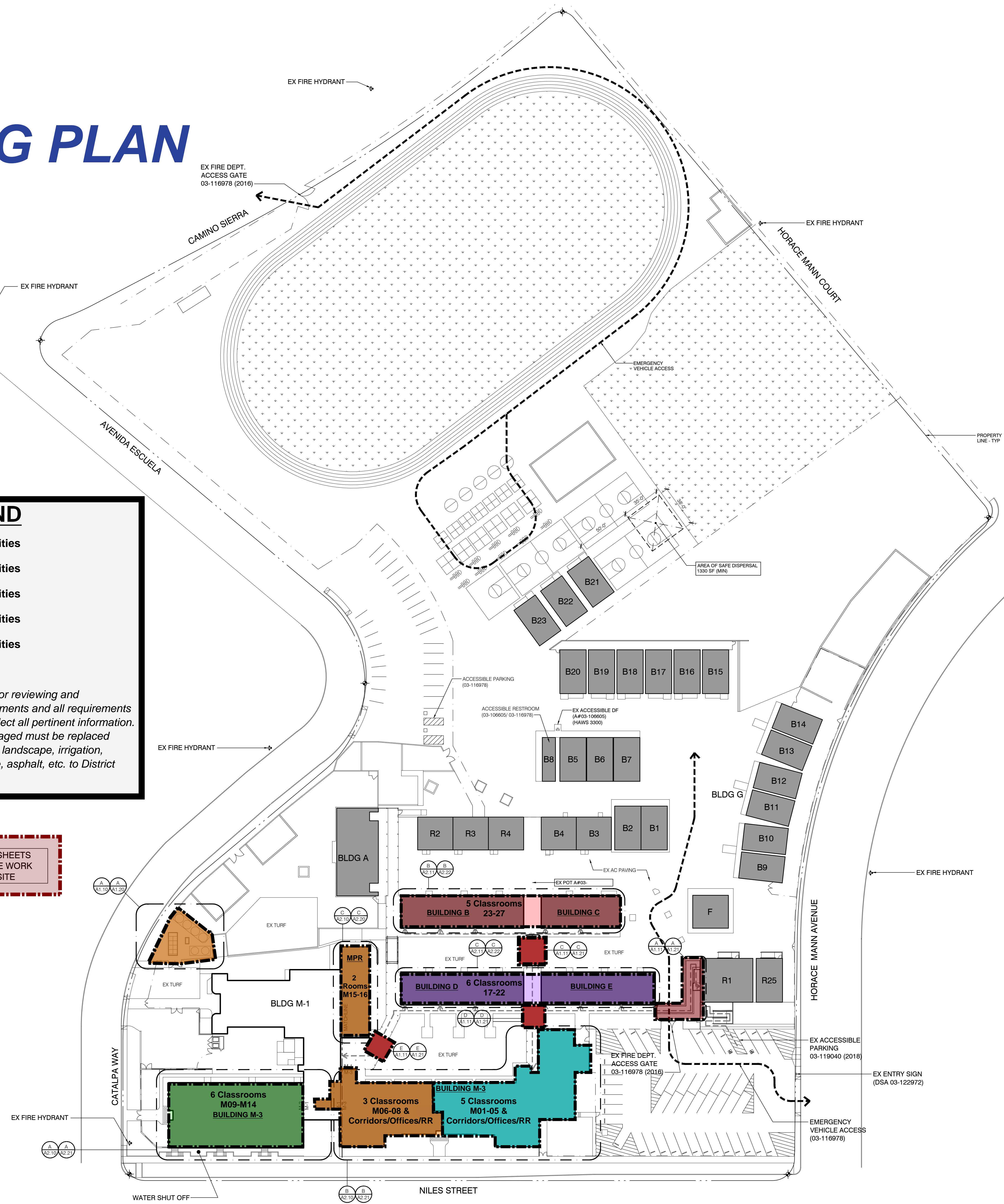
# PHASING PLAN

### LEGEND

- Phase 1 Activities
- Phase 2 Activities
- Phase 3 Activities
- Phase 4 Activities
- Phase 5 Activities

*All Contractors are responsible for reviewing and understanding the contract documents and all requirements as the Phasing Plan may not reflect all pertinent information. All disturbed areas that are damaged must be replaced in-kind such as but not limited to landscape, irrigation, fencing, railing, utilities, concrete, asphalt, etc. to District Standards.*

Phase 1  
SEE FIRE ALARM SHEETS  
FOR CAMPUSWIDE WORK  
AT BUILDING ON SITE



Campus Site Plan  
Scale: 1" = 40'-0"

### BUILDING DIRECTORY

ID	Room Number	Description	Area	Code	Room Type
M-1	1000/11363/51332/41306	MULTIPURP/ CAFETERA/ TOILETS/ ADMIN	823	03-118412	CLASSROOM
M-2	3234/11363/51332/41306	4 CLASSROOMS/ LIBRARY/ STORAGE	822	03-118412	WORKROOM
M-3	10077/51332/41306	4 CLASSROOMS/ TOILETS/ ADMIN/ STORAGE	821	03-118917	CLASSROOM
A	41306	2 KINDERGARTEN/ TOILETS/ STORAGE	R-17	03-119040	ADMINISTRATION
B	11363/51332	3 CLASSROOMS/ TOILETS	R-25	03-119040	ADMINISTRATION
C	11363/51332	2 CLASSROOMS/ STORAGE			
D	11363/51332	3 CLASSROOMS/ STORAGE			
E	11363/51332	3 CLASSROOMS			
F	41306	TOILETS			
G	101662/41306/30116	6 RELO CLASSROOMS/ TOILETS/ SPECIAL ED			
R-1	03-119040	ADMINISTRATION			
R-2,R-3	17766/43987	STAFF LOUNGE			
R-4					
B3,B4	17766	2 CLASSROOMS			
B1	03-106605	CLASSROOM			
B2	03-106605	CLASSROOM			
B5	03-106605	CLASSROOM			
B6	03-106605	CLASSROOM			
B7	03-106605	CLASSROOM			
B8	03-106605/116978	TOILETS (09/27/05 CERTIFICATION)			
B15	03-116978	CLASSROOM (08/14/17 CERTIFICATION)			
B16	03-116978	CLASSROOM (08/14/17 CERTIFICATION)			
B17	03-116978	CLASSROOM (08/14/17 CERTIFICATION)			
B18	03-116978	CLASSROOM (08/14/17 CERTIFICATION)			
B19	03-116978	CLASSROOM (08/14/17 CERTIFICATION)			
B20	03-117375	CLASSROOM			

### FIRE ACCESS ROAD LEGEND

--- EXISTING 20' WIDE FIRE ACCESS ROAD WITH MINIMUM 20' WIDE NOMINAL OPENING AT EXISTING GATES PER A#03-118218 - CLOSED WITH CERTIFICATION  
(LOCAL FIRE AUTHORITY APPROVAL DATE 07/25/18)

### ACCESSIBLE PATH OF TRAVEL (P.O.T.)

--- ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER-FREE ACCESS ROUTE WITHOUT ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1/2" MAXIMUM SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAXIMUM AND AT LEAST 48" IN WIDTH SURFACE IS STABLE, FIRM AND SLIP-RESISTANT. CROSS-SLOPE SHALL NOT BE STEEPER THAN 1:48 AND SLOPE IN THE DIRECTION OF TRAVEL SHALL NOT BE STEEPER THAN 1:20. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 8" MINIMUM AND FREE OF OBJECTS PROTRUDING MORE THAN 4" FROM THE WALL, ABOVE 27" AND LESS THAN 80" ABOVE THE FLOOR. ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.

SEE ENLARGED PLANS FOR MORE INFORMATION.

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS AS PART OF THE DESIGN OF THIS PROJECT. THE P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NON-COMPLIANT WITH THE CBC HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECTS' WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NON-COMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NON-COMPLIANT BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

- HAND ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 34 INCHES AND 44 INCHES ABOVE FLOOR, LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, BY PAND BARS, PUSH-PULL ACTIVATION BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP AND TURN OPENING HARDWARE. LOCKED EXIT DOORS SHALL OPERATE AS ABOVE IN EGRESS DIRECTION.
- MAXIMUM EFFORT TO OPERATE SHALL NOT EXCEED 5 POUNDS FOR EXTERIOR DOORS AND 8 POUNDS FOR INTERIOR DOORS. SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS WHEN FIRE DOORS ARE REQUIRED. THE MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED NOT TO EXCEED 15 POUNDS.
- CONSTRUCTION: THE BOTTOM 10" OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. WHERE NARROW FRAMES ARE USED, A 1" HIGH SMOOTH PANEL SHALL BE INSTALLED ON THE PUSH SIDE OF THE DOOR, WHICH WILL ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.
- FOR HINGED DOORS, THE OPENING WIDTH SHALL BE MEASURED WITH THE DOOR POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION. AT LEAST ONE OF A PAIR OF DOORS SHALL MEET THIS OPENING WIDTH REQUIREMENT.
- IN ADDITION TO ALL LOCAL CODES, ACCESSIBILITY REQUIREMENTS SHALL COMPLY WITH THE CALIFORNIA BUILDING CODE, TITLE 24, AS WELL AS FEDERAL ADA (AMERICANS WITH DISABILITIES ACT).

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 03-122671 INC.  
REVIEWED FOR:  
SS  FLS  ACS   
DATE: 11/08/2023

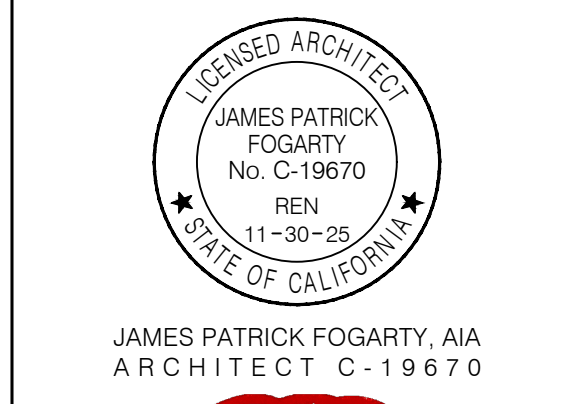


3434 Truxtun Avenue, Suite 240  
Bakersfield, California 93301  
tel|661.327.1690 fax|661.327.7204  
web|www.daparchitects.net

## CAMPUS HVAC SYSTEM UPGRADE

Horace Mann  
Elementary School  
2710 Niles St Bakersfield, CA 93306  
Bakersfield City School District

### ARCHITECT



JAMES PATRICK FOGARTY, AIA  
ARCHITECT, C-19670

### CONSULTANT

### PROJECT INFO

Project No	566-0016
Date	10.30.23
DSA File No	15-6
DSA No	03-122671

### REVISIONS

No	Date	Item
△	00.00.08	DESCRIPTION

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### CAMPUS SITE PLAN

# A1.00



**BCSD**

**OWNER-FURNISHED  
CONTRACTOR-INSTALLED [OF CI]**

**MECHANICAL EQUIPMENT**





**BAKERSFIELD CITY SCHOOL DISTRICT**

**HORACE MANN ELEMENTARY SCHOOL**

**OWNER-FURNISHED  
CONTRACTOR-INSTALLED  
(OFCI)**

**MECHANICAL EQUIPMENT**

*HVAC Equipment noted in the below attachments are currently being stored at the BCSD District M&O Warehouse (1201 Citation Way, Bakersfield, CA). Contractor is expected to provide all equipment, labor, and materials needed to transport and deliver the listed equipment to the project site for installation. Coordinate all new work with ALL Prime Packages.*



# Bakersfield City School District

1300 Baker Street  
 Bakersfield, CA 93305-4326  
 Phone: (661) 631-4600 Fax: (661) 861-9907

## PURCHASE ORDER

No: **P24002909**

Date: 08/24/2023

**V  
E  
N  
D  
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SIGLER WHOLESALE DISTRIBUTORS  
 7021 SCHIRRA CT.  
 BAKERSFIELD, CA 93313

Phone: (661) 636-0792 Fax: (860) 622-6719

**S  
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Bakersfield City School District  
 Horace Mann Elementary  
 2710 Niles Street  
 Bakersfield, CA 93306

For: Maintenance, Operations and Facilities  
 HORACE MANN 22214.00-32-HVAC

Vendor # 295960

Terms: NET 30 DAYS

Due Date: 09/20/2023

Buyer: Melissa Hernandez

Req # R24003681

FOB: N/A

Ship Via: OUR PICK-UP

ITEM	QUANTITY	UNIT	ISSUE	DESCRIPTION	UNIT COST	EXTENSION
1	24	EA		HORACE MANN 22214.00-32-HVAC BID #23-06-01 Carrier HP-1 (5) Ton Unit, Model: 50GCQM06 Electric		
2	3	EA		Carrier HP-3 (6) Ton Unit, Model: 50FCQM07 Electric		
3	2	EA		Carrier HP-5 (2.5) Ton Unit, Model: 50VT-C30 Electric PRICING PER HVAC EQUIPMENT REPLACEMENT BID #23-06-01 BOARD APPROVAL DATE: AUGUST 8, 2023		

**Special Instructions to Vendor:**

- Purchase order number must appear on all invoices, shipping papers and correspondence.
- Submit itemized invoice to the Accounts Payable Office,  
 1300 Baker Street, Bakersfield, CA 93305
- Packing slip must accompany each delivery, showing PO number, serial number, and description.
- No changes without authorization from the Purchasing Department.
- If freight charges apply, prepay and add to invoice. No C.O.D. charges permitted.
- Receiving hours: 8:00 a.m. - 4:00 p.m., Monday - Friday.
- This PO is a covered transaction for purposes of 49 CFR Part 29. As such, the vendor/contractor certifies that to the best of its knowledge and belief that it and its principals are not presently debarred, suspended, proposed for disbarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency.
- MATERIAL SAFETY DATA SHEETS MUST BE SUPPLIED WHERE APPLICABLE

SUB TOTAL

SALES TAX

SHIPPING

**TOTAL**

AUTHORIZED SIGNATURE

David J. West

**VENDOR**



**Bakersfield City School District**  
 1300 Baker Street  
 Bakersfield, CA 93305-4326  
 Phone: (661) 631-4600 Fax: (661) 861-9907

PURCHASE ORDER	
No:	<b>P24003185</b>
Date:	08/29/2023

<b>VENDOR</b>	NORMAN S. WRIGHT DUCKWORTH MECHANICAL EQUIPMENT CO., LLC 7595 N. DEL MAR AVENUE FRESNO, CA 93711
	Phone: (559) 449-8701 Fax: (559) 449-8734

<b>SHIP TO</b>	Bakersfield City School District Horace Mann Elementary 2710 Niles Street Bakersfield, CA 93306
	For: Maintenance, Operations and Facilities HORACE MANN 22214.00-32-HVAC

Vendor # 317913  
 Terms: NET 30 DAYS Due Date: 09/20/2023


Buyer: Melissa Hernandez Req # R24003859  
 FOB: FRESNO Ship Via: UPS

ITEM	QUANTITY	UNIT	ISSUE	DESCRIPTION	UNIT COST	EXTENSION
1	8	EA		HORACE MANN 22214.00-32-HVAC		
2	6	EA		Greenheck EF-1, Model: SP-A190-VG		
				Greenheck EF-4, Model: CUE-099-VG		
				PRICING PER BID #23-06-01		
				BOARD APPROVAL DATE: AUGUST 8, 2023		

**Special Instructions to Vendor:**

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1300 Baker Street, Bakersfield, CA 93305
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- MATERIAL SAFETY DATA SHEETS MUST BE SUPPLIED WHERE APPLICABLE**

SUB TOTAL	
SALES TAX	
SHIPPING	
<b>TOTAL</b>	

AUTHORIZED SIGNATURE  
  
 David J. West

Review Bid Documents/ Drawings for Quantities.



# TS250 Internet-Enabled Thermostat with Integrated CO<sup>2</sup> Sensor

The Pelican Internet-Enabled Thermostat with an integrated CO<sup>2</sup> sensor provides commercial customers with virtual climate and air quality management. The TS250 delivers accurate temperature management, air quality (CO<sup>2</sup>) management, leading edge energy efficiency, built-in safeties and alarming, and fine tuned comfort. Coupled with the Pelican Web App, the TS250 tracks space temperature, CO<sup>2</sup> levels, and HVAC operational data in real-time and historically. All information is displayed in real-time online and is viewable on any Internet-connected device.



**+ MESH WIRELESS NETWORK**

The TS250 communicates wirelessly with a GW400 to reach the Internet. Each TS250 has built-in state-of-the-art wireless mesh network communication and repeating.

**+ FAULT ALARMING**

Built-in system and space analytics with automated email or text message alerts when a fault is detected.

**+ WEB APP**

Virtual and central management of TS250 available on all smart phones, tablets, and PCs. Directly manage thermostat temperature and CO<sup>2</sup> levels through a web browser. Designed for intuitive control over multiple thermostats.

**+ HISTORICAL TREND DATA**

Online viewable historical data of space temperature, setpoints, HVAC demand, CO<sup>2</sup> level, and fan demand.

**+ INSTALLATION**

Industry standard HVAC terminals utilize existing thermostat wire. Included with TS250 is Pelican's innovative limited wiring relay pack (WM500) used in applications where there are only three (3) wires to the HVAC unit.

**+ SCHEDULING**

Through the Pelican Web App you can schedule the TS250 thermostat for daily, 5-2, or 7-day schedules. Thermostats can also be scheduled as groups, for simple multi-thermostat management.

**Designed and assembled in the USA  
5-Year Limited Warranty**



## Specifications

<b>POWER</b>	
Hardwire	24VAC, 60Hz; 50 mA
Voltage Range	23 - 30VAC
Relay Current	1.0A running

<b>COMPATIBILITY</b>	
24VAC gas, electric, or oil heating systems. Conventional and Heat Pump	

<b>WIRING</b>	
Conventional	R, RC, W, W2, Y, Y2, G, C
Heat Pump	R, RC, O/B, AUX, Y, Y2, G, C

<b>SYSTEM PROTECTION</b>	
Four-Minute Compressor Short-Cycle Protection	
Temporary Schedule Override	
Auxiliary/Emergency Heat Efficiency Algorithm	
Keypad Lockout	
Trend Data Analytics and Fault Monitoring	

<b>THERMOSTAT RANGE</b>	
Operating Range	-20°F to 122°F
Differential Temperature	±0.5°F
Operating Humidity (%RH)	5 to 90% RH; non-condensing
Integrated Room CO <sup>2</sup> Sensor	0 - 2000 PPM; +/- 50ppm accuracy
Storage Temperature	-20°F to 160°F

<b>SIZE</b>	
Inch	H 3.5 x W 5.97 x D 1.5
mm	H 89 x W 150 x D 38
Horizontal Mounting	

Pelican Wireless Systems | 2655 Collier Canyon Road, Livermore CA 94551  
(888) 512-0490 | sales@pelicanwireless.com

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**BCSD**

**OWNER-FURNISHED  
CONTRACTOR-INSTALLED [OF CI]**

**ELECTRICAL EQUIPMENT**



**HORACE MANN ELEMENTARY SCHOOL**

2710 Niles St.  
Bakersfield, CA 93306

***OWNER-FURNISHED CONTRACTOR-INSTALLED  
[OFCI]***

***ELECTRICAL EQUIPMENT***



**OWNER-FURNISHED CONTRACTOR-INSTALLED [OFICI]**  
***ELECTRICAL EQUIPMENT LIST & DRAWINGS***

<b>DESCRIPTION</b>	<b>QTY</b>
Main Switchboard ("MS"), Underground Pull Section (UGPS)*	1
Main Switchboard ("MS"), 1600A Meter Section (M)*	1
Main Switchboard ("MS"), 1600A Distribution Panel (DP)*	1
Electrical Panel, 400A 3P Panel ("M1")	1
Electrical Panel, 400A 3P Panel ("M2")	1
Electrical Panel, 225A 3P Panel ("M3")	1
Electrical Panel, 225A 3P Panel ("M4")	1
Mini Power Zone, 100A 1P ("LM2")	1

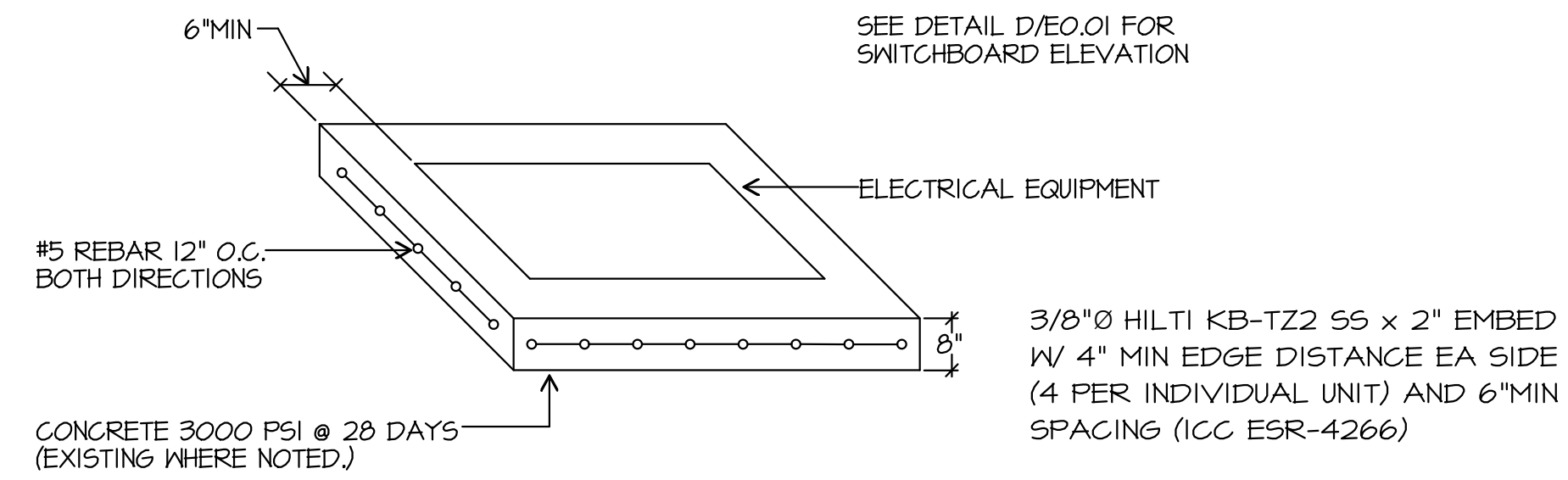
**Horace Mann Elementary School**

2710 Niles Street

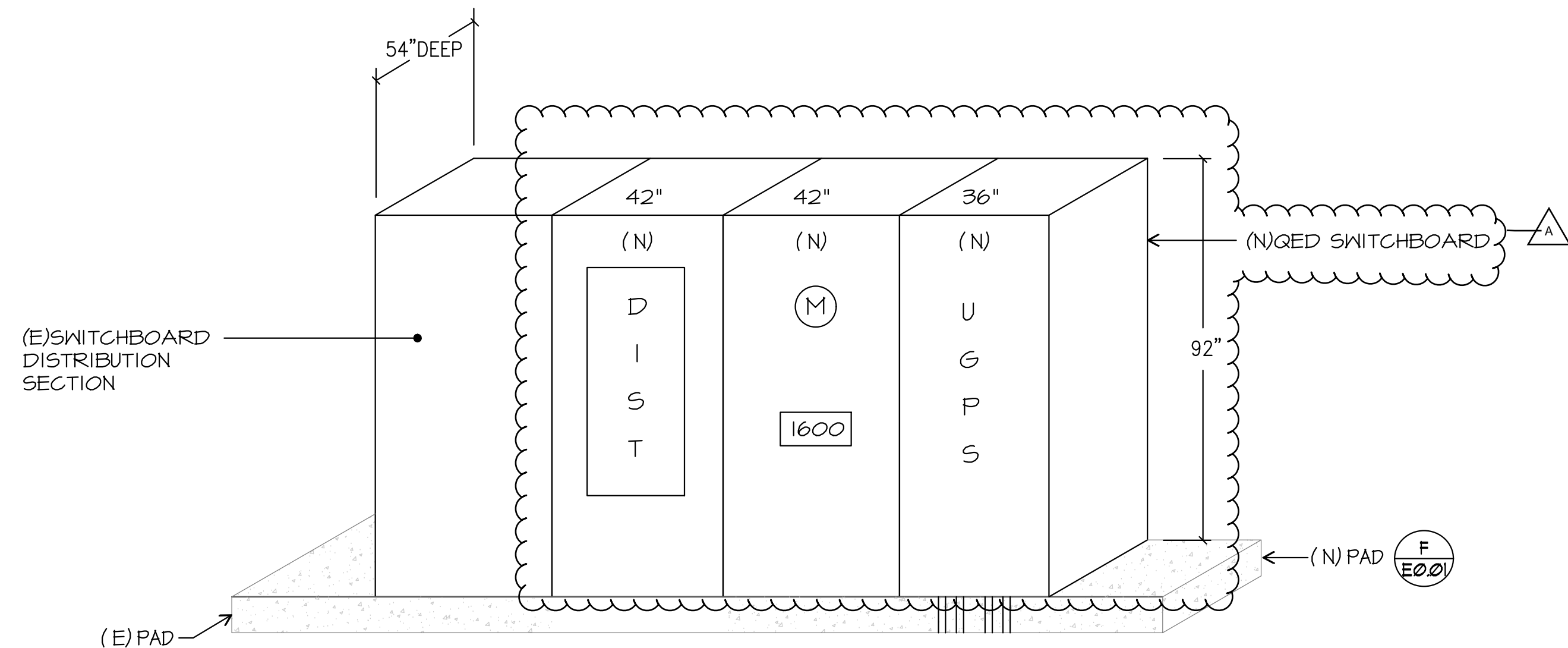
Bakersfield, CA 93306

Bakersfield City School District

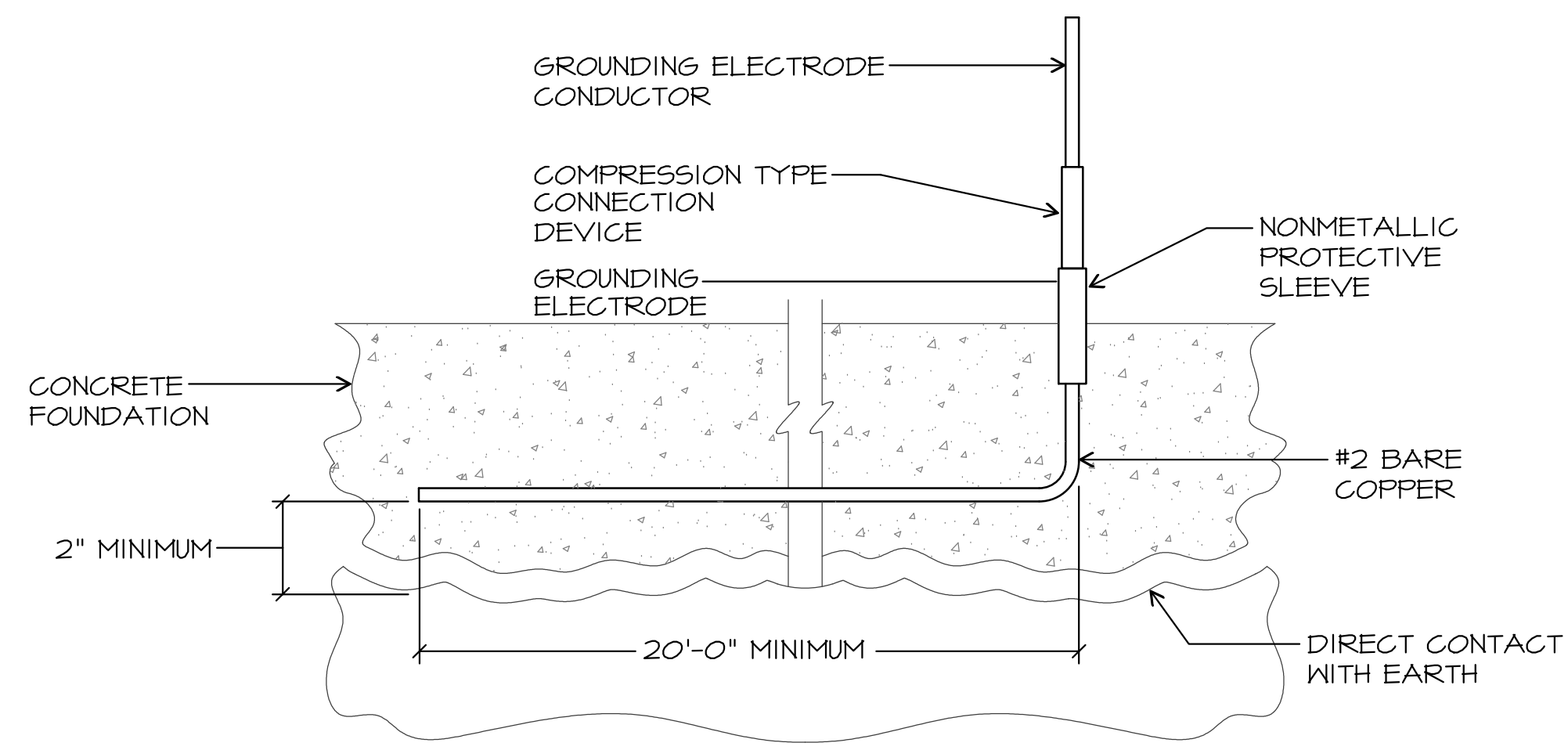




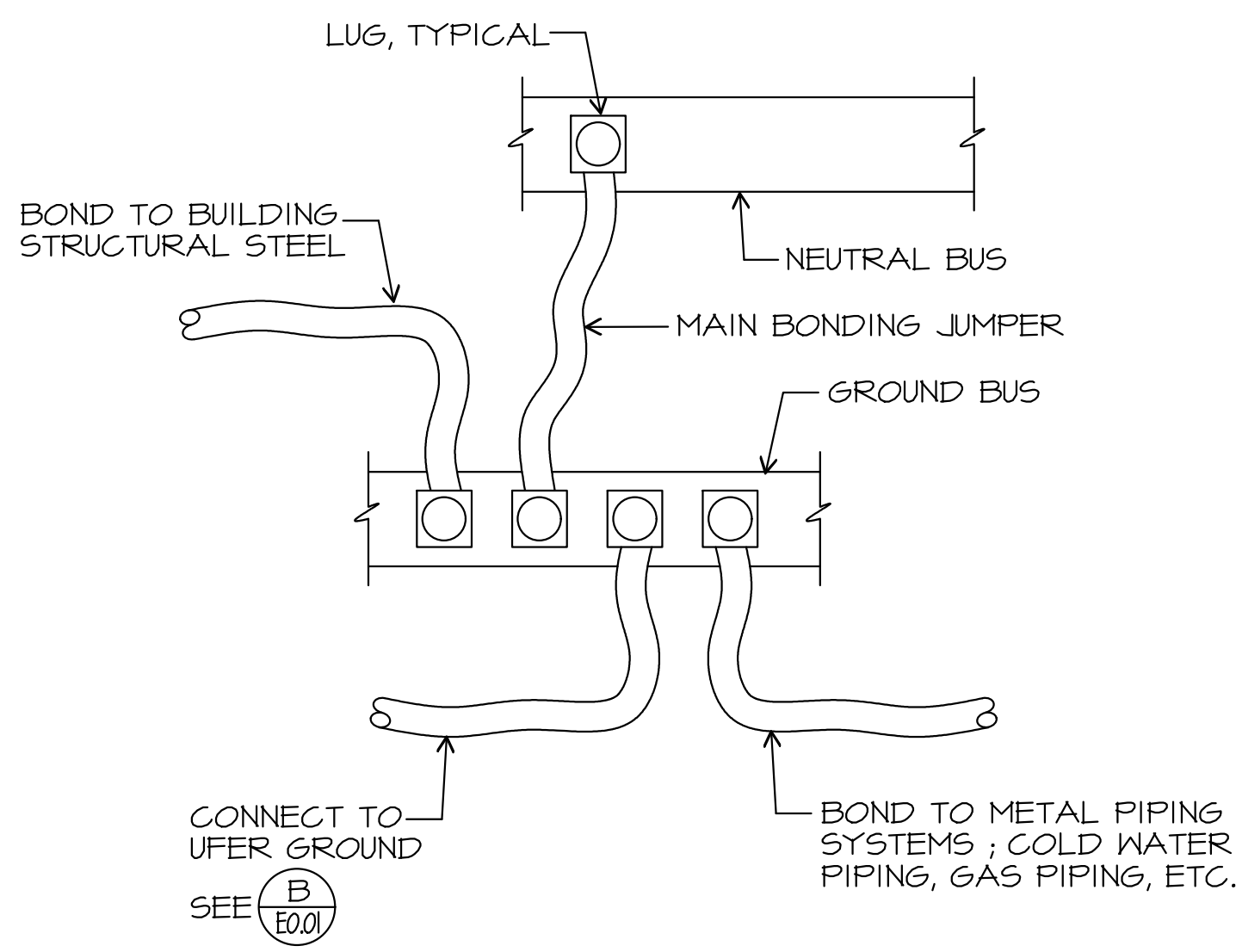
HOUSEKEEPING PAD DETAIL  
SCALE: NONE



SWITCHBOARD ELEVATION  
SCALE: NONE



UFER GROUND DETAIL  
SCALE: NONE



BONDING DIAGRAM  
SCALE: NONE

**ELECTRICAL LOAD CALCULATIONS**

EXISTING MAXIMUM DEMAND  
MINUS CHILLER LOAD = 382A  
382A x 1.25 = 478A

PANEL M1 : 289A  
PANEL M2 : 393A  
PANEL M3 : 216A  
PANEL M4 : 180A

TOTAL = 1556A

AT 277/480 VOLTS 3 PHASE = 1,296,148VA

**GENERAL NOTES**

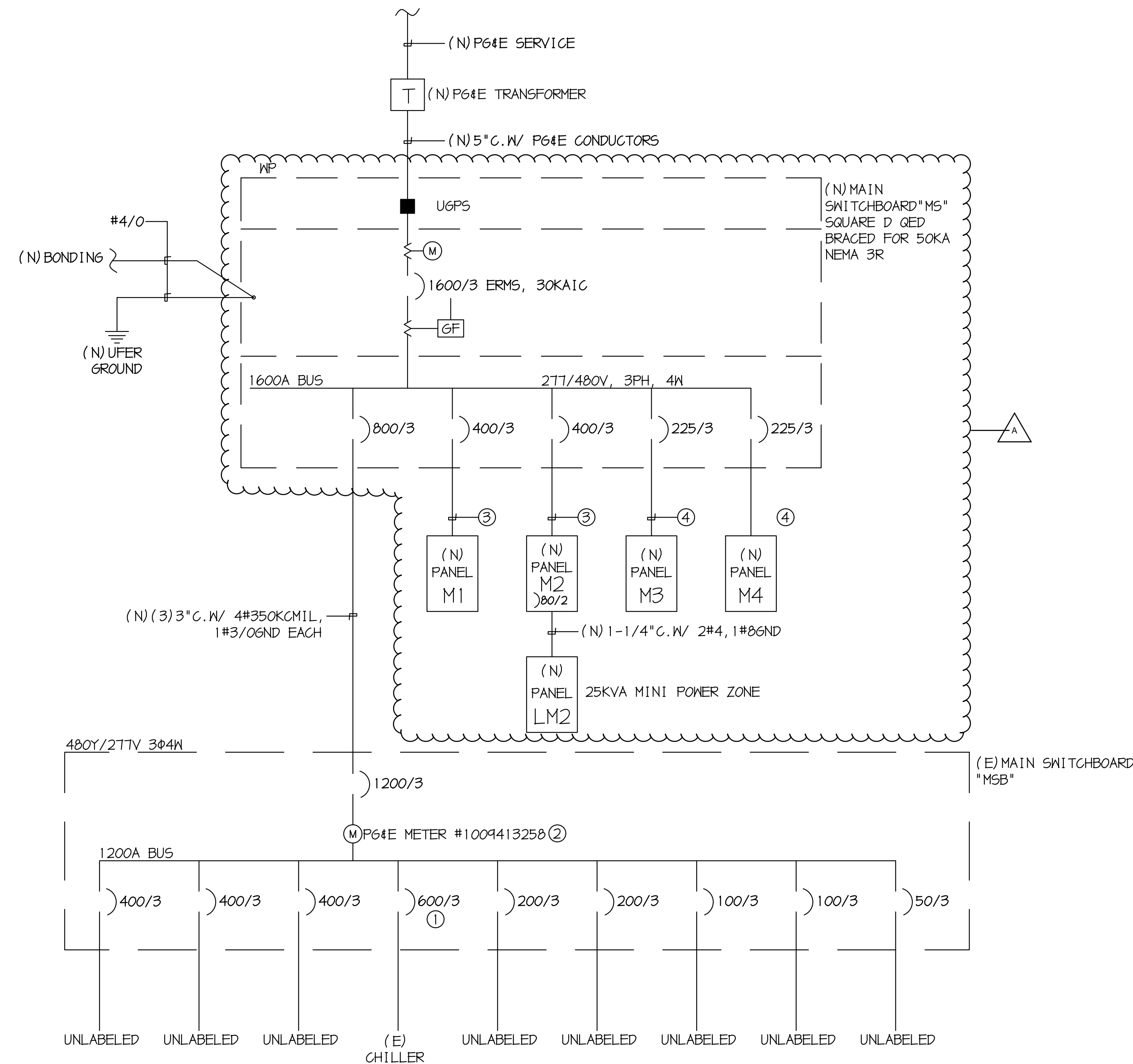
- VISIT JOB SITE AND VERIFY EXISTING CONDITIONS PRIOR TO BID.
- THE ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE 2019 CALIFORNIA ELECTRICAL CODE AND ALL APPLICABLE LOCAL ORDINANCES. WHERE PLANS CALL FOR A HIGHER STANDARD THAN APPLICABLE CODES, THE PLANS SHALL GOVERN.
- CONDUIT RUNS ARE SHOWN DIAGRAMMATICALLY. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD TO SUIT FIELD CONDITIONS.
- ALL ELECTRICAL EQUIPMENT, APPLIANCES AND LIGHTING FIXTURES SHALL BE LISTED BY A RECOGNIZED TEST LAB AND BEAR THAT LABEL OR APPROVAL.
- CONTRACTOR SHALL FURNISH, INSTALL AND CONNECT ALL MATERIAL AND EQUIPMENT FOR THIS WORK UNLESS OTHERWISE NOTED.
- FURNISH DISCONNECT SWITCHES AT REMOTE MOTORS.
- ALL SPACES AS INDICATED ON PANELS OR SWITCHBOARDS SHALL BE COMPLETE WITH HARDWARE AND BISSING FOR FUTURE BREAKER OR SWITCH.
- CHECK ARCHITECTURAL PLANS FOR DOOR SWINGS BEFORE INSTALLING SWITCH OUTLETS.
- GROUNDING AND BONDING SHALL BE PER CODE PLUS ANY ADDITIONAL PROVISIONS SPECIFIED OR SHOWN ON DRAWINGS.
- ALL CONDUIT RUNS SHALL CONTAIN A CODE SIZED GREEN GROUND WIRE.
- THESE PLANS ARE NOT COMPLETE UNTIL APPROVED BY THE AUTHORITY HAVING JURISDICTION.
- ALL FEEDER CONDUCTORS SHALL BE IN CONDUIT. BRANCH CIRCUITS MAY BE NON-METALLIC SHEATHED CABLE.
- ALL CONDUCTORS SHALL BE COPPER WITH TYPE THHN/THWN INSULATION.
- COORDINATE WITH SERVING ELECTRICAL UTILITY COMPANY AND MAKE PROVISIONS FOR ELECTRICAL SERVICE ACCORDINGLY. INCLUDE ALL SERVICE COSTS AND UTILITY COMPANY CHARGES IN BID.

**SINGLE LINE NOTES**

- REMOVE EXISTING CHILLER FEED BREAKER
- EXISTING METER SOCKET TO BE BLANKED OFF
- (N) (2) 2-1/2" C. W/ (4) #3/0 (1) #6GND
- (N) (1) 2-1/2" C. W/ (4) #4/0, (1) #6GND

**SYMBOLS**

- CONDUIT EXISTING
  - CONDUIT CONCEALED IN WALL OR CEILING
  - CONDUIT CONCEALED UNDER FLOOR OR BELOW GRADE
  - CONDUIT STUBBED OUT AND CAPPED
  - CONDUIT TURNED UP
  - CONDUIT TURNED DOWN
  - HATCH MARKS INDICATE NO. OF #12 WIRES IN CODE SIZED CONDUIT (3) MAX. IN 1/2" C., (5) MAX. IN 3/4" C., (8) MAX. IN 1", NO MARKS = 2#12
  - HOME RUN: LETTER INDICATES PANEL, NUMBER(S) INDICATES CIRCUIT(S)
  - SAW CUT
  - GROUND CONNECTION
  - DISTRIBUTION SWITCHBOARD OR PANEL
  - PANEL, BRANCH CIRCUIT TYPE, SURFACE AND FLUSH SIGNAL TERMINAL CABINET, SURFACE & FLUSH
  - LINEAR SURFACE FIXTURE
  - OUTLET DATA: BAR INDICATES WALL MOUNT, LETTER INDICATES SWITCH CONTROL, NO. INDICATES CIRCUIT.
  - SURFACE FIXTURE ON FLUSH OUTLET.
  - RECESSED FIXTURE WITH JUNCTION BOX FOR THRU WIRING
  - EXIT LIGHT WITH ARROWS AS SHOWN ON PLANS, WALL AND CEILING MOUNT.
  - LOW LEVEL EXIT SIGN, 4" AFF, 4" FROM DOOR JAMB
  - LIGHT FIXTURE DESIGNATION, LETTER INDICATES TYPE, NO. INDICATES WATTAGE. SEE FIXTURE SCHEDULE.
  - MECHANICAL EQUIPMENT DESIGNATION. SEE MECHANICAL DRAWINGS.
  - SPECIAL RECEPTACLE - SEE PLAN
  - METER
  - FLUSH FLOOR RECEPTACLE
  - RECEPTACLE, DUPLEX, 15A, 125V, NEMA 5-15R +18" UNO.
  - DUPLEX RECEPTACLE MTD. ABOVE BACKSLASH
  - DUPLEX RECEPTACLE W/LOWER HALF SWITCHED
  - GROUND FAULT CIRCUIT INTERRUPTING RECEPTACLE
  - DOUBLE DUPLEX RECEPTACLE
  - CEILING RECEPTACLE
  - RECEPTACLE, DUPLEX, 20A, 125V, NEMA 5-20R +18" UNO.
  - JUNCTION BOX 4" SQUARE, 1-1/2" DEEP UNO.
  - THERMOSTAT F.D.O. 448"
  - MOTOR, NO. INDICATES HORSEPOWER
  - CLOCK OUTLET +7-6" UNO.
  - DISCONNECT SWITCH, NON-FUSED
  - DISCONNECT SWITCH FUSED HORSEPOWER RATED OR SIZED AS NOTED
  - COMBINATION MAGNETIC STARTER WITH DISCONNECT SWITCH AND FUSES
  - MAGNETIC MOTOR STARTER W/OVERLOADS IN EACH PHASE
  - DIMMER W/INTEGRAL "ON-OFF" SW.
  - PUSHBUTTON
  - PHOTOCELL
  - SMOKE DETECTOR
  - TELEPHONE/COMPUTER/DATA OUTLET, TWO GANG BOX W/1 GANG COVERPLATE & GRANITE OPENING +18" UNO.
  - CABLE TV OUTLET +18" UNO.
  - MOTION SENSOR
  - EXISTING SWITCH
  - SINGLE POLE SWITCH
  - DOUBLE POLE SWITCH
  - THREE WAY SWITCH
  - SWITCH W/PILOT LT.
  - MANUAL MOTOR STARTER
  - FACP
  - GROUND FAULT CIRCUIT INTERRUPTING
  - LABOR SAVING TANDEM
  - MAIN LUGS ONLY
  - WITH
  - CONDUIT ONLY
  - WEATHERPROOF
  - FURNISHED BY OTHERS, INSTALL & CONNECT
  - UNLESS NOTED OTHERWISE
  - NATIONAL ELECTRICAL CODE
  - NOT IN CONTRACT
  - EXISTING
  - NEW
  - REMOVE
  - RELOCATE
  - SURFACE MOUNT
  - UNDERGROUND
  - COLD WATER PIPE
  - ABOVE FINISHED FLOOR
  - HEATING AND AIR CONDITIONING RATED CIRCUIT BREAKER
  - NIGHT LIGHT
- NOTE: NOT ALL SYMBOLS SHOWN ARE USED ON THIS PROJECT.



SINGLE LINE DIAGRAM



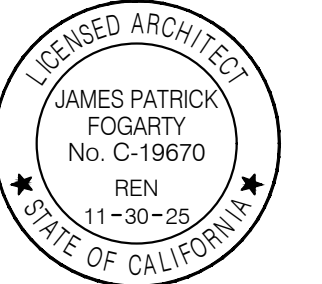
3434 Truxtun Avenue, Suite 240  
Bakersfield, California 93301  
tel|661.327.1690 fax|661.327.7204  
web|www.aparchitects.net

**CAMPUS HVAC SYSTEM UPGRADE**

Horace Mann  
Elementary School

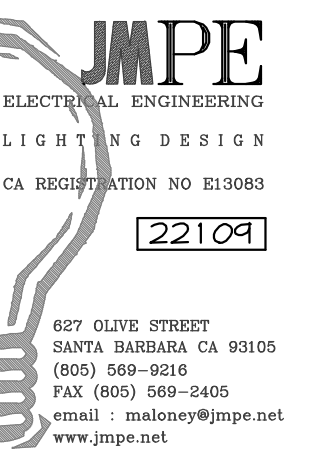
2710 Miles St Bakersfield, CA 93306  
Bakersfield City School District

ARCHITECT



JAMES PATRICK FOGARTY, AIA  
ARCHITECT C-19670

CONSULTANT



**PROJECT INFO**

Project No	566-0016
Date	10.30.23
DSA File No	15-6
DSA No	69-122671

**REVISIONS**

No	Date	Item
1	11.09.23	ELECTRICAL EQUIPMENT

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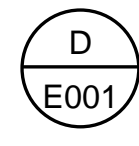
**SINGLE LINE DIAGRAM GENERAL NOTES**

E0.01

(N) PANEL " M3 "												
SERVICE: 277/480V 3Φ 4W				MAIN BKR.: 225A				BUS: 225A			LOC.: SEE PLAN	
MTG.: SURFACE												
REMARKS	LOAD			R	L	M	P	T	C	R	P	C
	ΦA	ΦB	ΦC									
HP-1	7401											
"		7401										
"			7401									
HP-1	7401											
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DEMOLITION NOTES  
 IN CHILLER YARD REMOVE ALL ELECTRICAL EQUIPMENT FEEDING CHILLER/BOILER EQUIPMENT. 120/208V PANEL TO REMAIN.

(E) ABANDONED CABINETS TO BE REMOVED, REPLACED WITH (N) SERVICE.



ELECTRICAL SITE PLAN

SCALE: 1/16" = 1'-0"

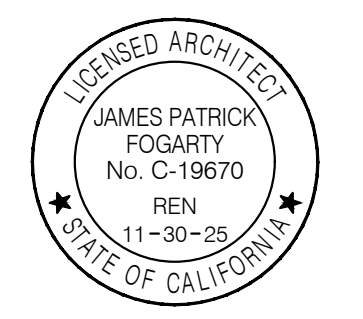


3434 Truxtun Avenue, Suite 240  
 Bakersfield, California 93301  
 tel | 661.327.1690 fax | 661.327.7204  
 web | www.aparchitects.net

CAMPUS HVAC SYSTEM UPGRADE

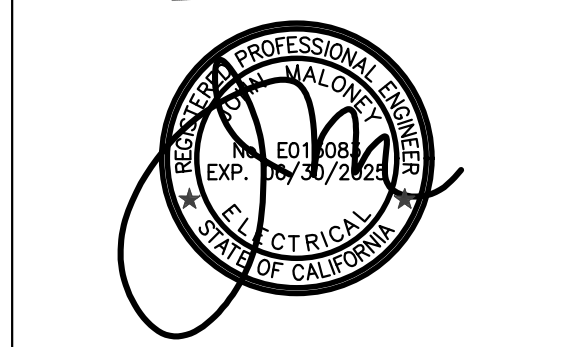
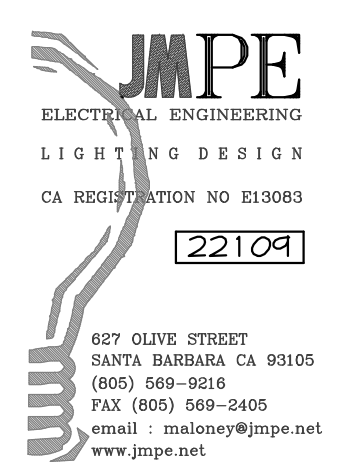
Horace Mann Elementary School  
 2710 Niles St Bakersfield, CA 93306  
 Bakersfield City School District

ARCHITECT



JAMES PATRICK FOGARTY, AIA  
 ARCHITECT C-19670

CONSULTANT



PROJECT INFO

Project No	566-0016
Date	10.30.23
DSA File No	15-6
DSA No	03-122671

REVISIONS

No	Date	Item
1	11.09.23	ELECTRICAL EQUIPMENT

THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF AP ARCHITECTS. ALL DESIGNS AND DRAWINGS ARE FOR THE USE ON THE SPECIFIED PROJECT AND SHALL NOT BE USED OTHERWISE WITHOUT THE EXPRESSED WRITTEN PERMISSION OF AP ARCHITECTS. WRITTEN SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DETAILS SHALL BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION. COPYRIGHT

ELECTRICAL SITE PLAN

E1.00



**BCSD**

# **STATE DAVIS BACON CONDITIONS**

## **STATE LABOR, WAGE & HOUR, APPRENTICE, AND RELATED PROVISIONS**

- A. The project is a public works Project, as defined in Labor Code section 1720, and must be performed in accordance with the requirements of Labor Code sections 1720 to 1815 and Title 8 CCR sections 16000 to 17270, which govern the payment of prevailing wage rates on public works projects.
- B. Notice is hereby given pursuant to the provisions of Section 1770 et seq of the California Labor Code, Director of the Department of Industrial Relations determined the general prevailing rate of per diem wages, including those for holiday and overtime work, in the locality in which this work is to be performed for each craft or type of workman or mechanic needed to execute the contract which will be awarded to the successful bidder, and the prevailing rates are as set forth in the web address [www.dir.ca.gov/Dirdatabases.html](http://www.dir.ca.gov/Dirdatabases.html) and are incorporated herein by reference.
- C. When permitted by law, holiday and overtime work shall be paid at a rate of at least one and one-half times the specified rate of per diem wages, unless otherwise specified.
- D. Each worker of the CONTRACTOR and any of its subcontractors engaged in work on the Project shall be paid not less than the prevailing wage rate, regardless of any contractual relationship which may be alleged to exist between the CONTRACTOR or any subcontractor and such workers.
- E. Each worker needed to execute the Work on the Project shall be paid travel and subsistence payments, as defined in the applicable collective bargaining agreements filed with the Department of Industrial Relations, in accordance with Labor Code Section 1773.1.
- F. CONTRACTOR shall post at appropriate and conspicuous location(s) on the Project Site a schedule showing all applicable prevailing wage rates in accordance with Labor Code section 1773.2.
- G. As a penalty, the CONTRACTOR and any violating subcontractor under the CONTRACTOR, shall forfeit not more than (\$200) two-hundred dollars for each calendar day, or any portion thereof, any worker is paid less than the established prevailing wage rates for the work or craft in which the worker is employed by CONTRACTOR or any subcontractor on the project. The difference between the established prevailing wage rates and the amount paid to each worker for each whole or partial calendar day for which each worker was paid less than the established prevailing wage rates, shall be paid to each worker by the CONTRACTOR or subcontractor, in accordance with Labor Code Section 1775, and CONTRACTOR and its subcontractors shall comply with Labor Code 1775 in all respects.
- H. The subcontracts executed between CONTRACTOR and its subcontractors for the performance of the Work shall include a copy of the provisions of Labor Code Sections 1771, 1775, 1776, 1777.5, 1813, and 1815.
- I. Any worker employed to perform work on the Project which is not covered by any classification available in the Agency's office, shall be paid not less than the minimum rate of wages specified for the classification which most nearly corresponds with work to be performed by him and that minimum wage rate shall be retroactive to the time of initial employment of the person in the classification.
- J. Pursuant to Labor Code Sections 1773.1, per diem wages are deemed to include employer payments for health and welfare, pension, vacation, travel time and subsistence pay.
- K. CONTRACTOR and each subcontractor shall keep or cause to be kept accurate payroll records showing the name, address, social security number, work classification, straight time and overtime hours worked each day and week and the actual per diem wages paid to each journeyman, apprentice, worker, or other employee employed by CONTRACTOR and/or each subcontractor in connection with the project. All payroll records shall be made available for inspection as provided by Labor Code Section 1776. The contractor or subcontractor has 10 days in which to comply subsequent to

receipt of a written notice requesting the records. As a penalty, the CONTRACTOR shall forfeit one hundred dollars (\$100) for each calendar day, or portion thereof, for each worker, until strict compliance is effectuated. These penalties shall be withheld from progress payments then due. Failure to timely submit payroll records may result in debarment by the Labor Commissioner. Be aware, California Labor Code Section 1771.5 requires contract payments to be withheld when payroll records are delinquent or inadequate. It is the responsibility of CONTRACTOR to comply with all the provisions of Labor Code Section 1776.

L. The project is subject to compliance monitoring and enforcement by the DIR pursuant to and will require prime contractors and subcontractors to upload **ALL payroll records on the DIR website: <http://www.dir.ca.gov/PublicWorks/PublicWorks.html>**. Any additional requirements that materialize from this legislation must be complied with.

### **Apprentices**

A. The CONTRACTOR acknowledges and agrees that if this Contract involves a dollar amount greater than or a number of working days greater than that specified in Labor Code Section 1777.5, this Contract is governed by the provisions of Labor Code Section 1777.5. It shall be the responsibility of the CONTRACTOR to ensure compliance with this Section and with the provisions of Labor Code Section 1777.5 for all apprenticing occupations.

B. Apprentices of any crafts or trades may be employed and, when required by Labor Code Section 1777.5, shall be employed provided they are properly registered in full compliance with the provisions of the Labor Code.

C. Every such apprentice shall be paid the standard wage paid to apprentices under the regulations of the craft or trade at which he or she is employed and shall be employed only at the work or the craft or trade to which he or she is registered.

D. Only apprentices, as defined in Labor Code Section 3077, who are in training under apprenticeship standards and written apprentice agreements under Chapter 4 commencing with Section 3070 of the Labor Code are eligible to be employed on public works. The employment and training of each apprentice shall be in accordance with the provisions of the apprenticeship standards and apprentice agreements under which he or she is training.

E. Pursuant to Labor Code Section 1777.5, the CONTRACTOR and any subcontractors employing workers in any apprenticeship craft or trade, in performing any work under this Contract, shall apply to the applicable joint apprenticeship committee for a certificate approving CONTRACTOR or subcontractor under the applicable apprenticeship standards for the employment and training of apprentices.

F. Every contractor and subcontractor shall submit contract award information to the applicable joint apprenticeship committee which shall include an estimate of journeyman hours to be performed under the Contract, the number of apprentices to be employed and the approximate dates the apprentices will be employed.

G. The CONTRACTOR and all subcontractors shall comply with Labor Code Section 1777.6, which forbids certain discriminatory practices in the employment of apprentices.

H. CONTRACTOR shall become fully acquainted with the laws concerning apprentices prior to commencement of the Project. Special attention is directed to sections 1777.5, 1777.6 and 1777.7 of the Labor Code and Title 8 of the California Code of Regulations. Questions may be directed to the State Division of Apprenticeship Standards, 455 Golden Gate Avenue, San Francisco, California.

### **Hours of Work**

A. As provided in the Wage Rates Section commencing with Section 1810 Labor Code, eight hours of labor shall constitute a legal day of work. The standard time of service of any worker employed at any time by the CONTRACTOR, or by any subcontractor on any subcontract under this Contract, upon the Project or upon any part of the Project

contemplated by this Contract, shall not exceed eight hours per day and forty hours during any one week unless all overtime and off time laws are complied with in full. Upon completion of all hours worked in excess of eight hours per day and forty hours during any one week, work shall be permitted upon the project at not less than one and one-half times the basic rate of pay. All work performed on Saturday, Sunday, and/or holiday shall be paid pursuant to the Prevailing Wage Determination.

B. The CONTRACTOR shall keep and shall cause each subcontractor to keep accurate records showing the name of and actual hours worked each calendar day and each calendar week by each worker employed by CONTRACTOR in connection with the Project or any part of the Project. The record shall be kept open at all reasonable hours to the inspection of the AGENCY and to the Division of Labor Standards Enforcement, Department of Industrial Relations, State of California.

C. As a penalty, the CONTRACTOR shall pay \$25.00 for each worker employed by CONTRACTOR or by any subcontractor in the performance of this Contract for each calendar day during which the worker is required or permitted to work more than eight hours in any calendar day and 40 hours in any one calendar week in violation of the provisions of the Wage Rates Section commencing with Section 1810 of the Labor Code. Any work performed after regular working hours or on Sundays or other holidays shall be performed without additional expense to AGENCY.

## **FEDERAL LABOR, WAGE & HOUR, APPRENTICE, AND RELATED PROVISIONS**

1. As this Project is funded in whole or in part by federal funds, Contractor and all Subcontractors are subject to civil or criminal prosecution for any violation of the federal False Claims Act set forth under section 1001 of title 18 and section 231 of title 31 of the United States Code.

### **2. Minimum Wages**

2.1. The Davis-Bacon Act and 29 CFR parts 1 through 7 shall apply if the Project is financed in whole or in part from Federal funds or in accordance with guarantees of a Federal agency or financed from funds obtained by pledge of any contract of a Federal agency to make a loan, grant or annual contribution.

2.2. All laborers and mechanics employed or working upon the Site of the Work (or under the United States Housing Act of 1937 or under the Housing Act of 1949 in the construction or development of the Project), will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account, except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3), the full amount of wages and bona fide fringe benefits, or cash equivalents thereof, due at time of payment computed at rates not less than those contained in the applicable wage determination of the Secretary of Labor regardless of any contractual relationship which may be alleged to exist between the Contractor and such laborers and mechanics.

2.2.1. Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of this section; also, regular contributions made or costs incurred for more than a weekly period, but not less often than quarterly, under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of Work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing Work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, that the employer's payroll records accurately set forth the time spent in each classification in which Work is performed. The wage determination including any additional classification and wage rates conformed under this section and the Davis-Bacon poster (WH-1321) shall be posted at all times by the Contractor and its Subcontractors at the Site of the Work in a prominent

and accessible place where it can be easily seen by the workers.

2.2.2. Any class of laborers or mechanics, including helpers, and which is to be employed under the Contract which is not listed in the wage determination shall be classified in conformance with the wage determination. An additional classification and wage rate and fringe benefits will not be approved unless when the following criteria have been met:

2.2.2.1. The Work to be performed by the classification requested is not performed by a classification in the wage determination; and

2.2.2.2. The classification is utilized in the area by the construction industry; and

2.2.2.3. The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

3. If the Contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the Agency agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the Contractor to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210.
4. In the event the Contractor, the laborers or mechanics to be employed in the classification or their representatives, and the Agency do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the Contractor shall provide the questions, including the views of all interested parties and the recommendation of the Agency, to the Agency for the Agency's review and referral to the Administrator for determination.
5. The wage rate (including fringe benefits where appropriate) determined pursuant to this section, shall be paid to all workers performing Work in the classification under this Contract from the first day on which Work is performed in the classification.
6. Whenever the minimum wage rate prescribed in any applicable wage determination for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, Contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.
7. If the Contractor does not make payments to a trustee or other third person, the Contractor may consider, as part of the wages of any laborer or mechanic, the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, provided that the Secretary of Labor has found, upon the written request of the Contractor, that the applicable standards of the Davis-Bacon Act have been met. If the Secretary of Labor so requires, the Contractor shall set aside in a separate account sufficient assets to meet obligations under the plan or program.

8. **Withholding.**

Agency may, upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the Contractor under this Contract or any other Federal contract with the same Contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same Contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the Contractor or any Subcontractor the full amount of wages required by the Contract. In the event of Contractor's or any Subcontractors' failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the Site of the Work (or under the United States Housing Act of 1937 or under the Housing Act of 1949 in the construction or development of the project), all or part of the wages required by the Contract, the Agency may, after written notice to the Contractor, sponsor, applicant, or owner, take such action as it deems necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.



## 8.1. Payrolls and basic records.

- 8.2. Payrolls and basic records relating thereto shall be maintained by the Contractor during the course of the Work and preserved for a period of three years thereafter for all laborers and mechanics working at the Site of the Work (or under the United States Housing Act of 1937, or under the Housing Act of 1949, in the construction or development of the project). Such records shall contain the name, address, and social security number of each worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis- Bacon Act, the Contractor shall maintain records that show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.
- 8.3. The Contractor shall submit weekly for each week in which any Contract Work is performed a copy of all payrolls to the Department of Industrial Relations (**DIR**) website: <http://www.dir.ca.gov/Public-Works/PublicWorks.html>. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information shall be submitted on a form acceptable to the Agency. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <https://www.dol.gov/whd/programs/dbra/wh347.htm> or its successor site. Contractor is responsible for the submission of copies of payrolls by all Subcontractors. Contractor and Subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the Agency, the Contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. Contractor may require a Subcontractor to provide addresses and social security numbers to the Contractor for its own records, without weekly submission to the DIR or other government agency.
- 8.3.1. Each payroll submitted shall be accompanied by a **“Statement of Compliance,”** signed by the Contractor or Subcontractor or his or her agent who pays or supervises the payment of the persons employed under the Contract and shall certify the following:
- 8.3.1.1. That the payroll for the payroll period contains the information required to be provided under 29 CFR 5.5 (a)(3)(ii) of Regulations, 29 CFR part 5,
- 8.3.1.2. That the appropriate information is being maintained under 29 CFR 5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and
- 8.3.1.3. That such information is correct and complete;
- 8.3.1.4. That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the Contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and
- 8.3.1.5. That no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;
- 8.3.1.6. That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of Work performed, as specified in the applicable wage determination incorporated into or applicable to the Contract.

- 8.3.1.7. The weekly submission of a properly executed certification in the form set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by this section.
- 8.3.1.8. The falsification of any of the above certifications may subject the Contractor or one or more Subcontractors to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.
- 8.3.2. The Contractor or Subcontractor shall make the records required under this section available for inspection, copying, or transcription by authorized representatives of the Agency or the federal Department of Labor, and shall permit representatives to interview employees during working hours on the job. If the Contractor or Subcontractor fails to submit the required records or to make them available, the Federal agency may, after written notice to the Contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

## **9. Apprentices and trainees**

- 9.1. **Apprentices.** Apprentices will be permitted to work at less than the predetermined rate for the Work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first ninety (90) days of probationary employment as an apprentice in an eligible apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job Site in any craft classification shall not be greater than the ratio permitted to the Contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of Work actually performed. In addition, any apprentice performing Work on the job Site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the Work actually performed. Where a Contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the Contractor's or Subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the Contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the Work performed until an acceptable program is approved.
- 9.2. **Trainees.** Except as provided in 29 CFR 5.16, trainees will not be permitted to Work at less than the predetermined rate for the Work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job Site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every

trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of Work actually performed. In addition, any trainee performing Work on the job Site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the Work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the Contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the Work performed until an acceptable program is approved.

9.3. **Equal employment opportunity.** The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

10. **Compliance with Copeland Act requirements.** Contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this Contract.

10.1. **Subcontracts.** The Contractor or Subcontractor shall insert in any subcontracts the clauses contained in 29 CFR 5.5(a)(1) through (10) and such other clauses as the Federal agency may by appropriate instructions require, and also a clause requiring the Subcontractors to include these clauses in any lower tier subcontracts. The Contractor shall be responsible for the compliance by any Subcontractor or lower tier Subcontractor with all the Contract clauses in 29 CFR 5.5.

10.2. **Contract termination:** debarment. A breach of the Contract clauses in 29 CFR 5.5 may be grounds for termination of the Contract, and for debarment as a Contractor and a Subcontractor as provided in 29 CFR 5.12.

10.3. **Compliance with Davis-Bacon and Related Act requirements.** All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this Contract.

10.4. **Disputes concerning labor standards.** Disputes arising out of the labor standards provisions of this Contract shall not be subject to the general disputes clause of this Contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the Contractor (or any of its Subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

## 11. Certification of eligibility.

11.1. By entering into this Contract, the Contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the Contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

11.2. No part of this Contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

11.3. Contractor shall be subject to the penalty for making false statements prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

11.4. **Clauses Mandated by Contract Work Hours and Safety Standards Act.** As used in the following paragraphs, the terms laborers and mechanics include watchmen and guards.

11.5. **Overtime requirements.** No Contractor or Subcontractor contracting for any part of the Contract Work which may require or involve the employment of laborers or mechanics shall require or permit any such

laborer or mechanic in any workweek in which he or she is employed on such Work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

- 11.6. **Violation; liability for unpaid wages; liquidated damages.** In the event of any violation of the clause set forth in the foregoing paragraph the Contractor and any Subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such Contractor and Subcontractor shall be liable to the United States for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the foregoing paragraph, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the foregoing paragraph.
- 11.7. **Withholding for unpaid wages and liquidated damages.** The Agency may upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of Work performed by the Contractor or Subcontractor under the Contract or any other Federal contract with the same Contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same Contractor, such sums as may be determined to be necessary to satisfy any liabilities of such Contractor or Subcontractor for unpaid wages and liquidated damages as provided in the foregoing paragraph.
- 11.8. **Subcontracts.** The Contractor or Subcontractor shall insert in any subcontracts the foregoing paragraphs concerning "Overtime requirements" and "Violation; liability for unpaid wages; liquidated damages" and also a clause requiring each Subcontractor to include these clauses in any lower tier subcontracts. Contractor shall be responsible for compliance by any Subcontractor or lower tier Subcontractor with the clauses set forth in this section.



**BCSD**

**PG&E  
NEW ELECTRICAL SERVICE  
CONSTRUCTION SKETCH**

LEGEND	
INSTALL	DESCRIPTION
SS	SERVICE CABLE - 3 RUNS OF 1000A QPX IN 1-5" CONDUIT
DS	VACANT CONDUIT (SERVICE), 5-5"
▲	PM TRANSFORMER, DF-LB, SIZE AS SHOWN
×	CUTOUT - FUSED AS SHOWN
⊞	MAIN SERVICE PANEL
EXISTING	DESCRIPTION
□	3 PHASE PRIMARY CABLE/CONDUCTOR - SIZE AS SHOWN
●	PM TRANSFORMER, DF-LB, SIZE AS SHOWN
○	JOINTLY OWNED POLE
×	CUTOUT - FUSED AS SHOWN
•	RISER
⊞	MAIN SERVICE PANEL

CONDUIT BENDING RADII		
SIZE	VERTICAL	HORIZONTAL
5"	36"	60"

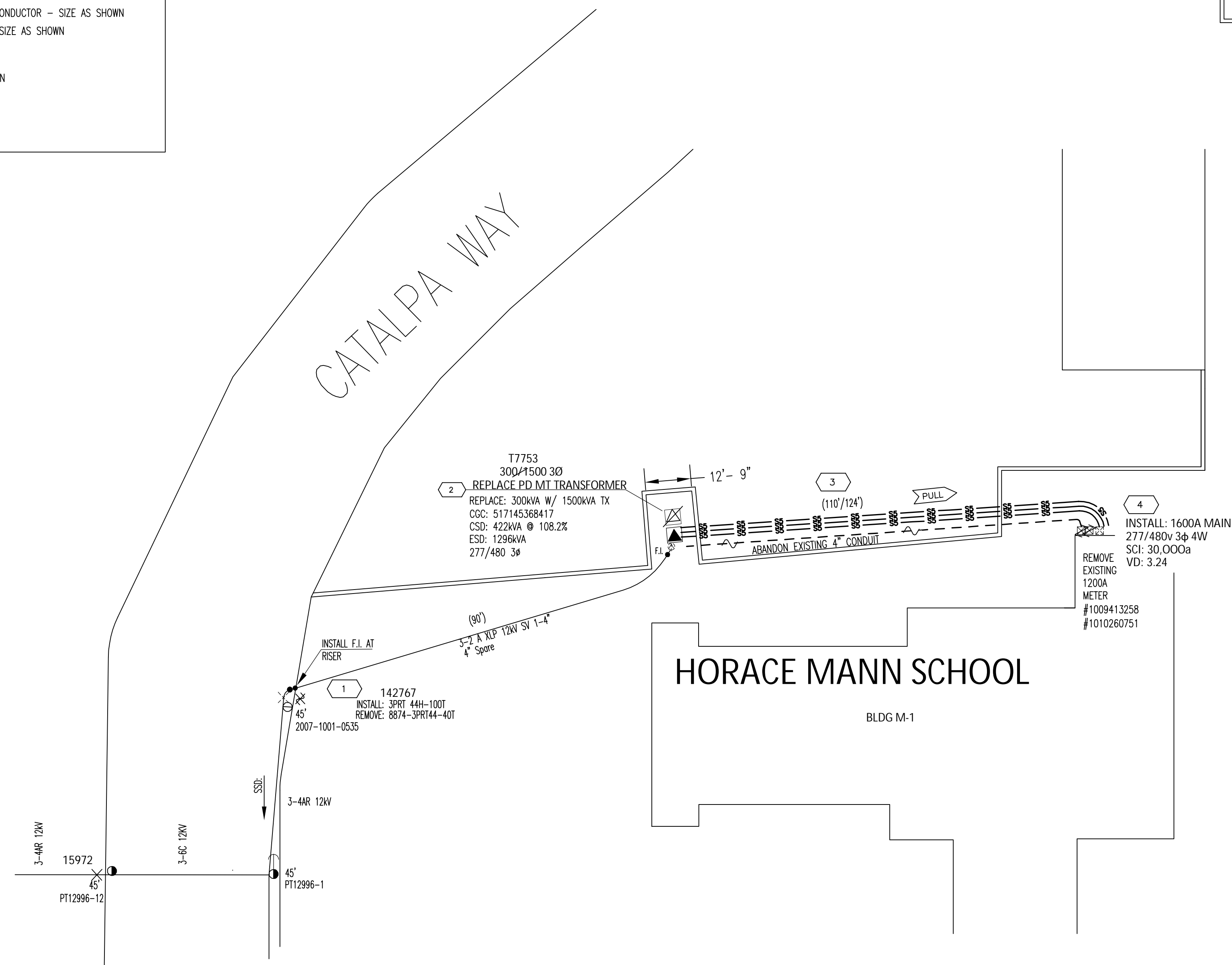
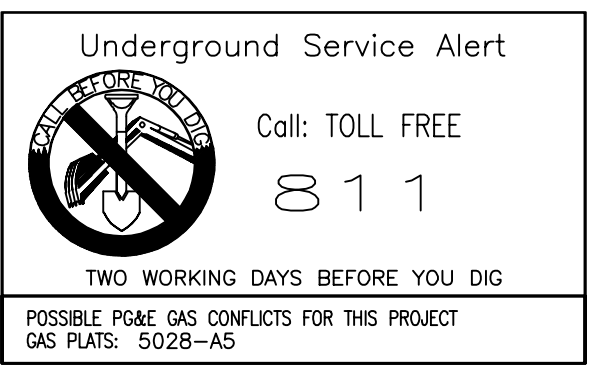
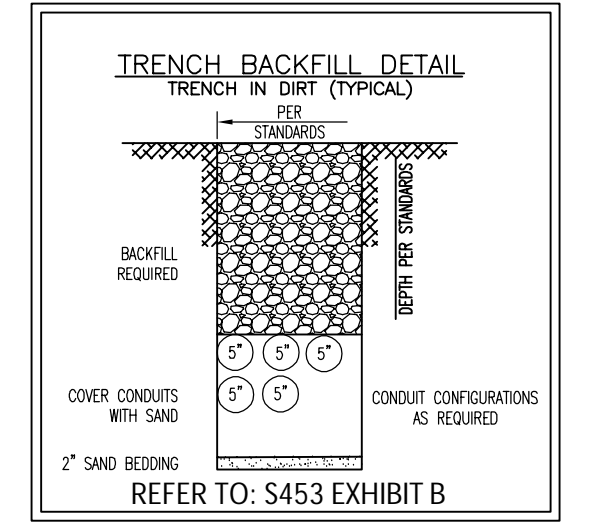
CABLE PULLING	
LOC	LBS.
2	381 LBS

**APPLICANT TO TRENCH AND INSTALL:**

CONDUITS AS SHOWN SCH 140 OR BETTER AS SHOWN  
ALL CONDUITS ARE TO BE INSTALLED WITH 2500LB POLYESTER PULL TAPE (PGE CODE 56-0154)

EQUIPMENT PROTECTION WITH CLEARANCES 051122 IN GREEN BOOK  
BARRIER POSTS MAY BE REQUIRED DURING PERIOD OF CONSTRUCTION.

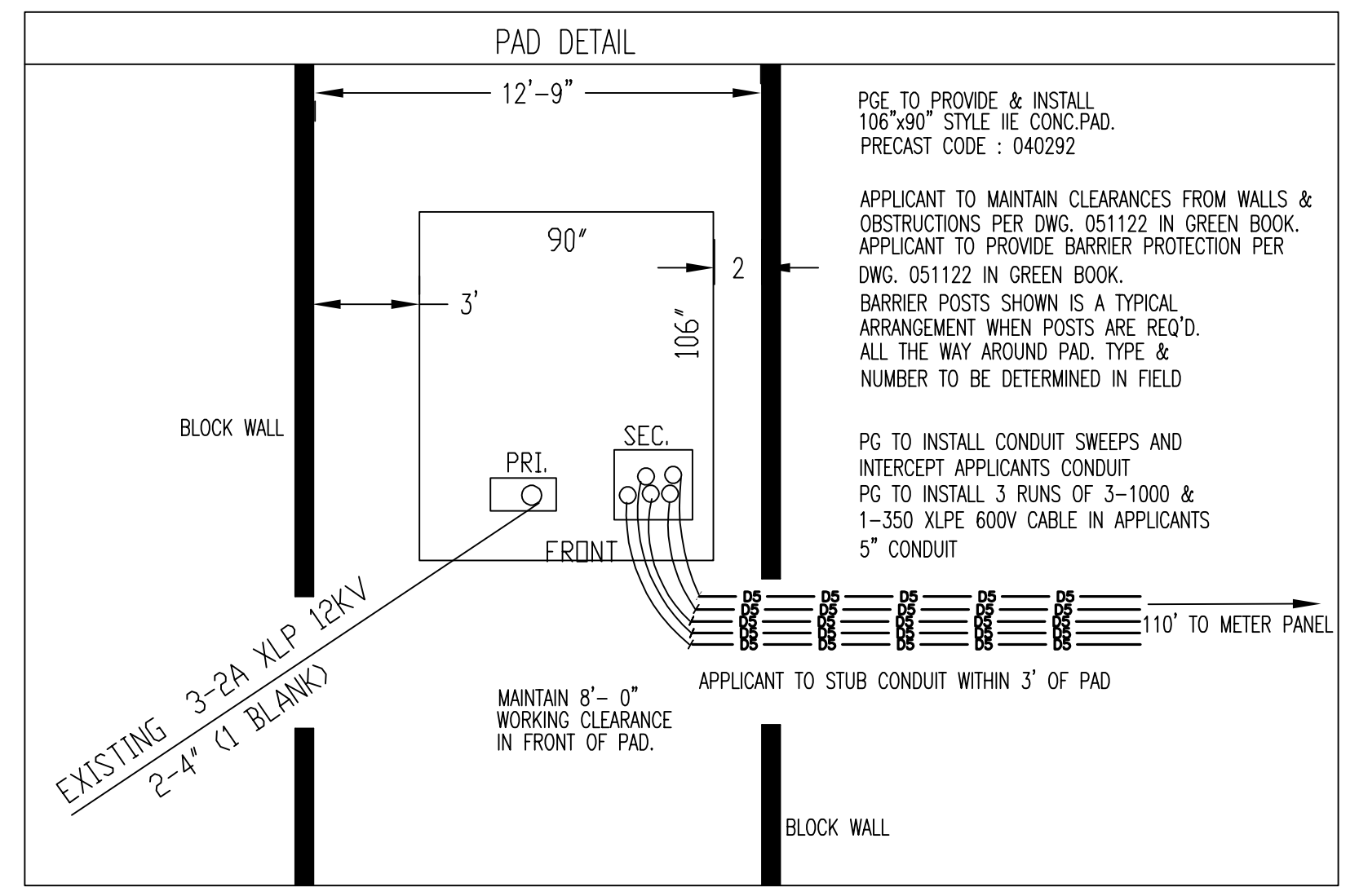
CALL 398-5711 TO SCHEDULE PG&E INSPECTION.  
ALLOW PG&E (2) WORKING DAYS TO COMPLETE YOUR INSPECTION REQUEST.



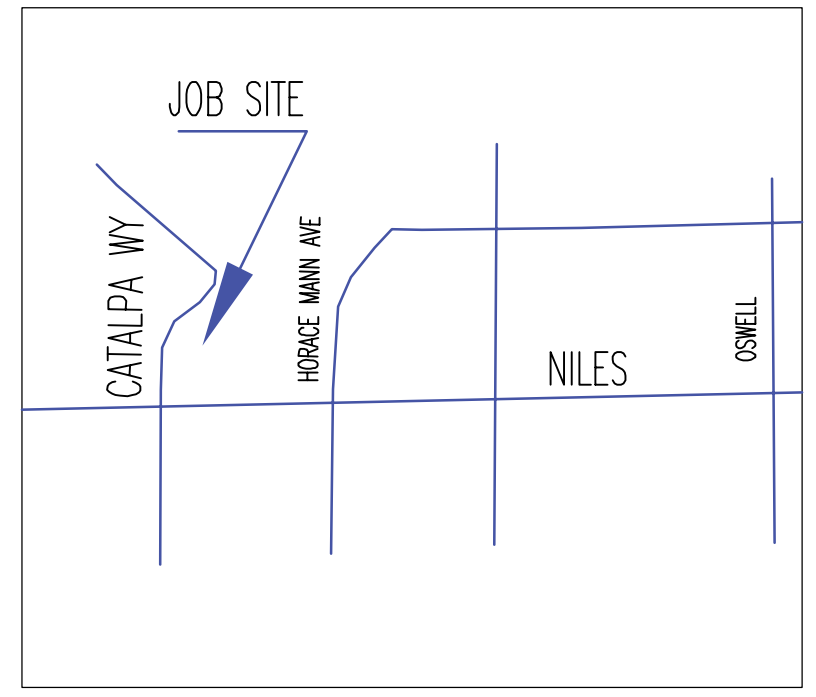
**HORACE MANN SCHOOL**  
BLDG M-1

**TRANSFORMER DATA**

LOC. NO.	KVA	NO. OF CUST.	LOAD	CAL. GRID COORDINATE NO.	INSPECTION DATE	M&S CODE	PRI. VOLTAGE
T-7753	1500	1	1296KVA	5171453 - 68417		26-1414	21Y/12



**SSD: SWITCH 3365  
SW COR CENTER & REMBRANDT**



VICINITY SKETCH

EST: DAVID ARNEVANDRIZ 415-444-6269  
 ADE: BONNIE ANDERSON 661-398-3947  
 SUP: TED SMITH 661-699-6465  
 REP: JOHNNY GARCIA 661-369-5341  
 PLN: DAVID HART 559-385-4719  
 NOTIF: T24828696 JPH: N/A  
 SCALE: 1"=20' DATE: JULY 2023  
 PM: 35429735 SHEET: 1 OF 1 REV: 0

ENGINEERING AND PLANNING DEPT.  
 4101 WIBLE RD  
 BAKERSFIELD

NO ENVIRONMENTAL ISSUES  
 GAS CONFLICT: NEAR LOC.

PRIMARY VOLTAGE: 12 KV VOLTAGE AREA: 1  
 LATITUDE: 35.3765 LONGITUDE: -118.958  
 SOURCE SIDE DEVICE: SWITCH 3365  
 SUB. & CIRCUIT: MAGNUSDEN 1101  
 DSSN SAG: SSU RAPTOR ZONE: YES  
 LOADING AREA: LIGHT ARRESTER DIST: 2  
 CORROSION AREA: NON INSULATION DIST: B  
 EXEMPT EQUIP. INST.: FIRE AREA

CONSTRUCTION SKETCH  
 2710 NILES ST  
 HORACE MANN SCHOOL  
 BAKERSFIELD  
 PACIFIC GAS & ELECTRIC COMPANY

