BAKERSFIELD CITY SCHOOL DISTRICT
RELOCATION OF (9) MODULAR CLASSROOMS AND (1) MODULAR RESTROOM AT FRANKLIN ELEMENTARY SCHOOL
BAKERSFIELD, KERN COUNTY, CALIFORNIA

BID OPENING:
May 22nd, 2025 at 2:00pm,

Job No. 1348
Appl. No. 15-6
File No. 03-123703

ADDENDUM NO. #02

NOTICE TO CONTRACTORS FIGURING THIS WORK

You are hereby notified of the following changes in the plans and specifications, which shall take precedence over anything to the contrary therein.

2-1) Refer to DSA Approved Project Drawings, Sheet No. A2 PARTIAL SITE PLAN, (B) PARTIAL DEMO SITE PLAN;

a. REVISE: Portion of (E) corridor cover and concrete walk at the North side of Buildings "H" and "I" shall be existing to remain in lieu of demolition as indicated per attached Drawing No. 01.

b. CLARIFY: (E) corridor cover, posts and footings on South side of Buildings "J" and "K" shall be demolished as indicated per attached Drawing No. 01.

c. ADD: Demolition of footings for (E) steel posts at corridor cover as indicated per attached Drawing No. 01.

2-2) Refer to DSA Approved Project Drawings, Sheet No. A2 PARTIAL SITE PLAN, (A) PARTIAL SITE PLAN;

a. ADD: Patching and painting of (E) exterior cement plaster as indicated per attached Drawing No. 02.

2-3) Refer to DSA Approved Specifications, INDEX, DIVISION 09 FINISHES;

a. ADD: Specification Section 09 68 13 TILE CARPETING as attached to this Addendum.

b. ADD: Specification Section 09 65 16 RESILIENT FLOORING AND RUBBER TOPSET BASE as attached to this Addendum.

c. ADD: Specification Section 09 69 53 DETECTABLE-TACTILE WARNING SURFACES as attached to this Addendum.

2-4) Refer to DSA Approved Specifications, INDEX, DIVISION 02 EXISTING CONDITIONS;

a. ADD: Specification Section 02 82 00 HAZARDOUS MATERIALS ABATEMENT as attached to this Addendum.

2-5) Refer to DSA Approved Project Manual, INDEX, DIVISION 00 PROCUREMENT & CONTRACTING REQUIREMENTS and Addendum No. 01, Item 1-1b., SECTION 00 11 16 NOTICE TO BIDDERS, ITEM #3;

a. REVISE: License for BP-03 Site Utilities to be A or C36 in lieu of C36.

2-6) Refer to DSA Approved Project Manual, INDEX, DIVISION 00 PROCUREMENT & CONTRACTING REQUIREMENTS and Addendum No. 01, Item 1-1b., SECTION WORK SCOPE BP-05 ELECTRICAL, FIRE ALARM & COMMUNICATIONS;

a. ADD: Work Scope Note 33 as follows:

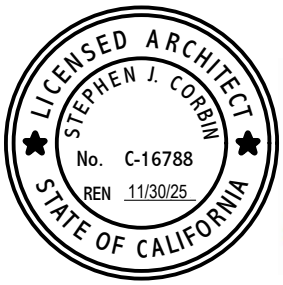
33. This prime contractor is required to pre-qualify with PG&E and is responsible to schedule and coordinate PG&E Inspections. See attached PG&E Pre-Qualification requirements.

b. ADD: Work Scope Note 34 as follows:

34. This prime contractor is to provide installation of Owner Furnished Electrical Equipment. See Addendum #02 OFCI Electrical Equipment document. All other electrical equipment is provided and installed by this bid package.

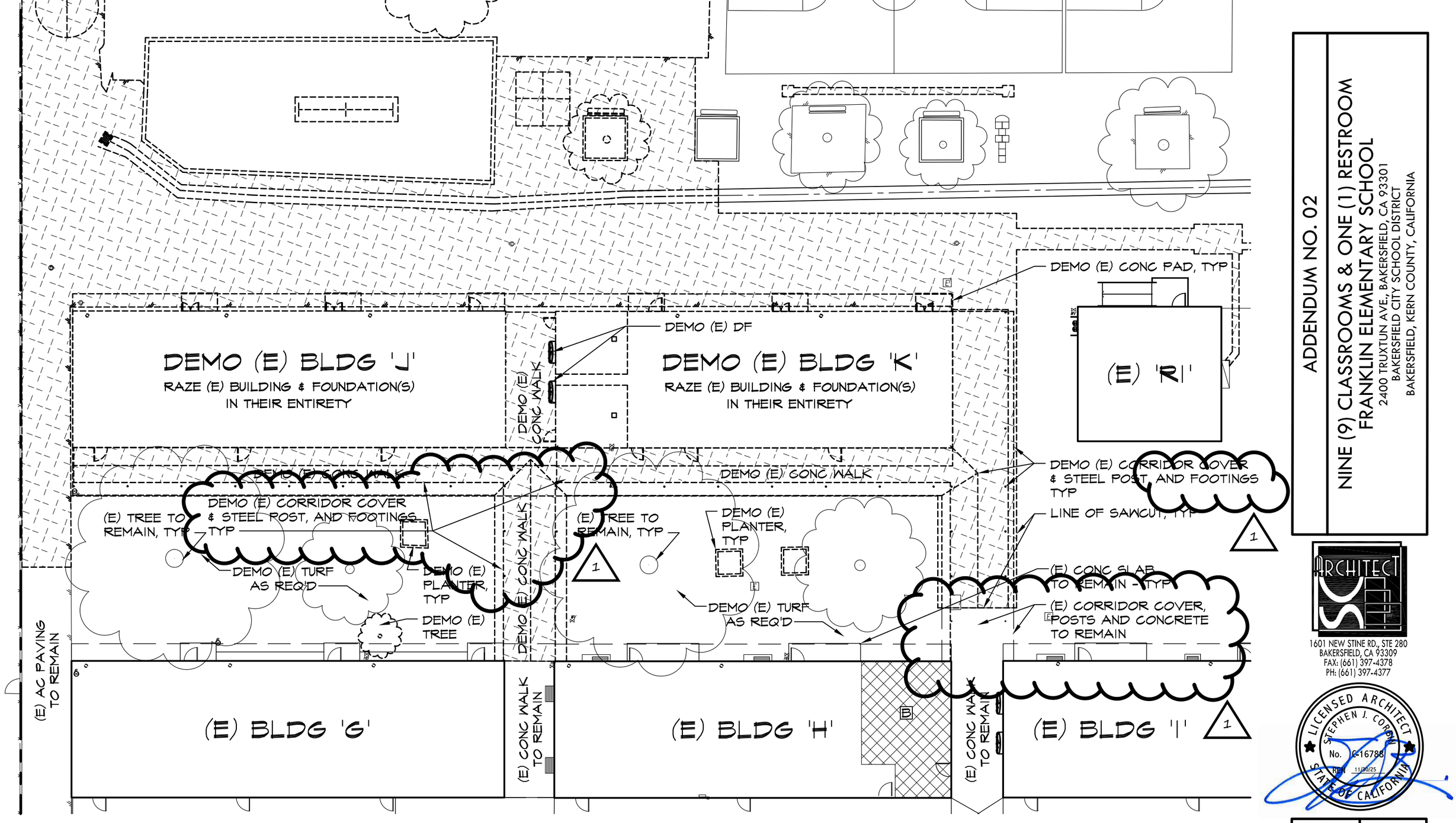
CONFORMANCE WITH SPECIFICATIONS

All work shall be in conformance with the specifications as they apply to work of a similar nature.



SCARCHITECT, INC.
1601 New Stine Road, Ste. 280
Bakersfield, CA 93309

Stephen J. Corbin, AIA, NCARB, LEED-AP BD+C
Architect



PLAN NORTH

B PARTIAL DEMO SITE PLAN

ITEM • 2-1a
REF. DSA APPROVED DRAWING, SHEET A2

1 CORRIDOR CLARIFICATIONS

SCALE: 1" = 20'-0"

ADDENDUM NO. 02

NINE (9) CLASSROOMS & ONE (1) RESTROOM
FRANKLIN ELEMENTARY SCHOOL
2400 TRUXTUN AVE., BAKERSFIELD, CA 93301
BAKERSFIELD CITY SCHOOL DISTRICT
BAKERSFIELD, KERN COUNTY, CALIFORNIA

ARCHITECT
1601 NEW STINE RD., STE 280
BAKERSFIELD, CA 93309
FAX: (661) 397-4378
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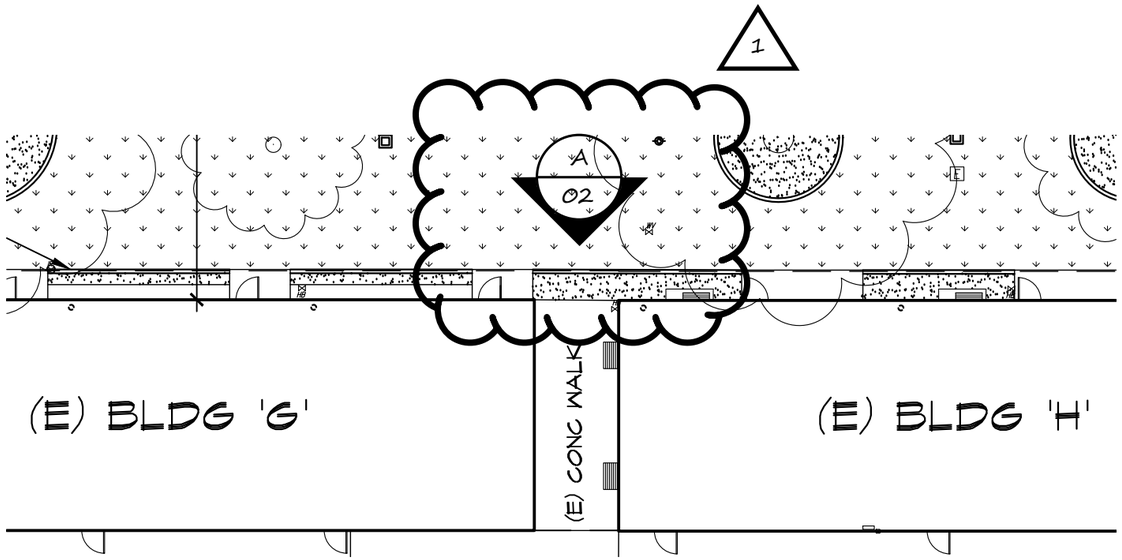
LICENSED ARCHITECT
STEPHEN J. CORBIN
No. C-16788
REN 11/30/25
STATE OF CALIFORNIA

JOB NO:	DATE:
1348	##/##/202#
APPL#: 03-123703	FILE#: 15-6
DWG NO: 01	



1 ADD PATCHING AND PAINTING OF (E) EXTERIOR CEM PLASTER

ITEM • 2-2a

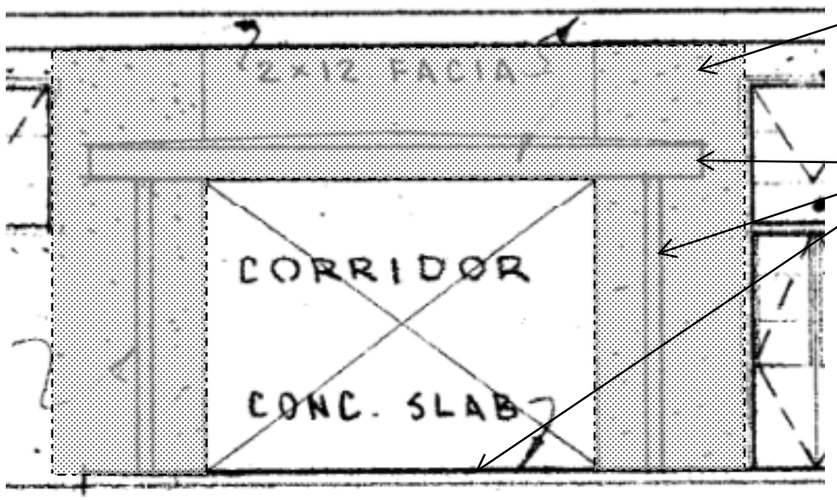
REF. DSA APPROVED DRAWING, SHEET A2

PLAN NORTH

A PARTIAL SITE PLAN

SCALE: 1" = 20'-0"

1



PATCH AND PAINT (E) EXTERIOR CEM PLASTER

(E) CORRIDOR COVER, POSTS, FOOTING AND CONCRETE WALK SCHEDULED FOR DEMOLITION

A 02 PARTIAL EXTERIOR ELEVATION

ADDENDUM NO. 02

NINE (9) CLASSROOMS & ONE (1) RESTROOM
FRANKLIN ELEMENTARY SCHOOL
2400 TRUXTUN AVE., BAKERSFIELD, CA 93301
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SECTION 09 68 13

TILE CARPETING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

A. This Section includes modular carpet tile.

B. Related Sections include:

1. Section 01 74 19 ”Construction Waste Management and Disposal” for recycling of existing carpet materials to be removed.
2. Section 02 41 19 ”Selective Demolition” for removal of existing floor coverings.
3. Section 09 05 65 “Concrete Moisture-Control System” for moisture-vapor-emission control system applied to concrete slab substrates prior to installation of finish flooring.
4. Section 09 65 13 "Resilient Base and Accessories” for the following resilient products used with carpet tile:
    a. Resilient base.
    b. Resilient transition moldings between carpet tile and adjacent finish flooring materials.

1.3 REFERENCES

A. American Association of Textile Chemists and Colorists (AATCC):

1. AATCC 16-E: Test Method for Colorfastness to Light.
2. AATCC 134: Test Method for Electrostatic Propensity of Carpets.
3. AATCC 165: Test Method for Colorfastness to Crocking, Textile Floor Coverings.
4. AATCC 174: Test Method for Antimicrobrial Activity Assessment of Carpets.
5. AATCC 175: Test Method for Stain Resistance for Pile Floor Coverings.

B. ASTM International:
   1. ASTM E 648: Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source.
   2. ASTM E 662: Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials.
   3. ASTM E 2471: Standard Test Method for Using Seeded-Agar for the Screening Assessment of Antimicrobrial Activity in Carpets.
   4. ASTM F 710: Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring.
   5. ASTM F 2170: Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes.

C. California Department of Public Health (CDPH):
   1. Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers – Version 1.1, February 2010.

D. CALGreen: California Green Building Standards Code - California Code of Regulations, Title 24, Part 11.

E. Carpet and Rug Institute (CRI):
   1. CRI Carpet Installation Standard.
   2. CRI Green Label Plus testing program.

F. Chemical Abstract Service (CAS):
   1. Chemical Abstract Registration Number (CASRN).

G. Collaborative for High Performance Schools (CHPS).
   1. Criteria Interpretation Library.
      a. EQ 7.0 – Low Emitting Materials.
      b. EQ 7.1 – Additional Low Emitting Materials.

H. Cradle to Cradle Products Innovation Institute:
   1. Cradle to Cradle Certified Product Standard.

I. European Standards (EN):
   1. EN 15804: Sustainability of Construction Works – Environmental Product Declarations – Core Rules for the Product Category of Construction Products.

J. GreenScreen for Safer Chemicals:
   1. GreenScreen Chemical Hazard Assessment Procedure V1.2.

K. Health Product Declaration Collaborative:
   1. Health Product Declaration Open Standard.

L. International Certified Floorcovering Installers Association.
   1. Commercial II certification level.

M. International Organization for Standardization (ISO):
   1. ISO 14021: Environmental Labels and Declarations – Self-Declared Environmental Claims (Type II Environmental Labeling).
   2. ISO 14025: Environmental Labels and Declarations – Type III Environmental Declarations – Principals and Procedures.
   3. ISO 14040: Environmental Management – Life Cycle Assessment – Principals and Framework.
   4. ISO 14044: Environmental Management – Life Cycle Assessment – Requirements and Guidelines.
   5. ISO 21930: Sustainability in Building Construction – Environmental Declaration of Building Products.

N. NSF International/American National Standards Institute (ANSI):
   1. NSF/ANSI 140: Sustainability Assessment for Carpet.

O. Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

P. SCS Global Services:
   1. Sustainable Carpet Certification.

Q. South Coast Air Quality Management District (SCAQMD):
   1. Rule 1168 – Adhesive and Sealant Applications.

1.4 DEFINITIONS

A. VOC: Volatile Organic Compounds.

1.5 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference at Project site.
   1. Review methods and procedures related to carpet tile installation including, but not limited to, the following:
      a. Delivery, storage, and handling procedures.
      b. Ambient conditions and ventilation procedures.
      c. Subfloor preparation procedures.

1.6 ACTION SUBMITTALS

A. Product Data: For each type of product.
   1. Include manufacturer’s written data on physical characteristics, durability, and fade resistance.
   2. Include manufacturer’s written installation recommendations for each type of substrate.

B. Shop Drawings: For carpet tile installation, plans showing the following:
   1. Columns, doorways, enclosing walls or partitions, built-in cabinets, and locations where cutouts are required in carpet tiles.
   2. Existing flooring materials to be removed.
   3. Existing flooring materials to remain.
   4. Carpet tile type, color, and dye lot.
   5. Type of subfloor.
   6. Type of installation.
   7. Pattern of installation.
   8. Pattern type, location, and direction.
   9. Pile direction patterns.
   10. Types, color, and locations of insets and borders.
   11. Type, color, and location of edge, transition, and other accessory strips.
   12. Transition details to other flooring materials.

C. Samples for Initial Selection: Submit manufacturer's full range of colors/patterns for the following items for selection by Architect.
   1. Carpet Tile.
      a. Minimum Number of Color/Patterns for Selection:
         i) Carpet Tile 1 – "**C-1**"; Walk-Off Mat:.
         ii) Carpet Tile – "**C-2**"; Field: .

D. Samples for Verification: For each of the following products and for each color and texture required. Label each Sample with manufacturer's name, material description, color, pattern, and designation indicated on Drawings and in schedules.
   1. Carpet Tile: Full-size Sample.
   2. Exposed Edge, Transition, and other Accessory Stripping: 12-inch long Samples.

E. Product Schedule: For carpet tile. Use same designations indicated on Drawings.

F. CALGreen Submittals:
   1. Manufacturer's product data for adhesives and adhesive primers indicating compliance with product requirements specified in "CALGreen Requirements" Article.
   2. Manufacturer's product data for carpet tile indicating compliance with product requirements specified in "CALGreen Requirements" Article.

1.7 INFORMATIONAL SUBMITTALS

A. Qualification Data: For Installer.

B. Product Test Reports: For carpet tile, for tests performed by a qualified testing agency.

C. Sample Warranties: For special warranties.

1.8 CLOSEOUT SUBMITTALS

A. Maintenance Data: For carpet tiles to include in maintenance manuals. Include the following:

1. Methods for maintaining carpet tile, including cleaning and stain-removal products and procedures and manufacturer's recommended maintenance schedule.
2. Precautions for cleaning materials and methods that could be detrimental to carpet tile.

1.9 MAINTENANCE MATERIAL SUBMITTALS

A. Furnish extra materials, from the same product run, that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

1. Carpet Tile: Full-size units equal to 5 percent of amount installed for each type indicated, but not less than 10 sq yds.

1.10 QUALITY ASSURANCE

A. Installer Qualifications: An experienced Installer who is certified by the International Certified Floorcovering Installers Association at the Commercial II certification level.

B. Mockups: Build mockups to verify selections made under Sample submittals, to demonstrate aesthetic effects, and to set quality standards for fabrication and installation.

1. Build mockups at locations and in sizes as shown on Drawings or if not shown, as directed by Architect.
2. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.11 DELIVERY, STORAGE, AND HANDLING

A. Comply with CRI's "CRI Carpet Installation Standard."

1.12 FIELD CONDITIONS

A. Comply with CRI's "CRI Carpet Installation Standard" for temperature, humidity, and ventilation limitations.

B. Environmental Limitations: Do not deliver or install carpet tiles until spaces are enclosed and weathertight, wet work in spaces is complete and dry, and ambient temperature and humidity conditions are maintained at occupancy levels planned for building occupants during the remainder of the construction period.

C. Do not install carpet tiles over concrete slabs until slabs have cured and are sufficiently dry to bond with adhesive and concrete slabs have pH range recommended by carpet tile manufacturer.

D. Where demountable partitions or other items are indicated for installation on top of carpet tiles, install carpet tiles before installing these items.

1.13 WARRANTY

A. Special Warranty for Carpet Tiles: Manufacturer agrees to repair or replace components of carpet tile installation that fail in materials or workmanship within specified warranty period.

1. Warranty does not include deterioration or failure of carpet tile due to unusual traffic, failure of substrate, vandalism, or abuse.
2. Failures include, but are not limited to, the following:
    a. More than 10 percent loss of face fiber, edge raveling, snags, and runs.
    b. Dimensional instability.
    c. Loss of tuft-bind strength.
    d. Excess static discharge.
    e. Loss of face fiber.
    f. Delamination
3. Warranty Period: 10 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 CALGREEN REQUIREMENTS

A. General: Conform with all applicable requirements of the California Green Building Standards Code (CALGreen).

B. Provide adhesives and adhesive primers which comply with current VOC content limits of the South Coast Air Quality Management District (SCAQMD) Rule 1168, except as noted otherwise below. Such products shall also comply with Rule 1168 prohibition of the use of certain toxic compounds (chloroform, ethylene, dichloride, methylene chloride, perchloroethylene, and trichloroethyelen).

1. Aerosol adhesives and similar unit sizes of adhesives, and sealants (in units of product, less packaging, which do not weigh more than one pound and do not consist of more than 16 fluid ounces) shall comply with statewide VOC standards and other requirements, including prohibitions of use of certain toxic compounds, of the California Code of Regulations, Title 17, commencing with Section 94507.

C. Carpet Tile: Provide carpet tile products which meet at least one of the following:

1. Certified as complying with the testing and product requirements of the Carpet and Rug Institute's Green Label Plus program.
2. Compliant with the VOC-emission limits specified in the California Department of Public Health Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1, February 2010.
3. Meets requirements of NSF/ANSI 140 for certification at the Gold level or higher.
4. Meets requirements of SCS Global Services Sustainable Carpet Certification program at the Gold level or higher.
5. Compliant with 2014 California Collaborative for High Performance Schools California (CA-CHPS) Criteria Interpretation for EQ 7.0 and EQ 7.1 (formerly EQ 2.2) and listed in the CHPS High Performance Database.

2.2 PERFORMANCE REQUIREMENTS

A. Fire-Test-Response Characteristics for Tile Carpeting:

1. Critical Radiant Flux Classification: Class I, not less than 0.45 W/sq cm, as determined by testing identical products according to ASTM E 648.
2. Smoke Density: 450 or less, determined by testing identical products according to ASTM E 662.

2.3 CARPET TILE

A. Modular Carpet Tile ***C-1***; **Walk-Off Mat:** Modular carpet tile system designed for specific installation per manufacturer's recommendations. Maintain a visually continuous and finished overall appearance without any tile appearing improperly positioned.

1. Product: ***Interface, Inc.; SR799***.
    a. Color: Onyx
2. Construction: Tufted Textured Loop
3. Fiber Content: 100 percent nylon.
4. Fiber Type: Aquafil.
5. Dye Method: 100 percent solution dyed.
6. Pile Characteristic: Tip-sheared.
7. Pile Height: .19 inch.
8. Stitches: 10 per inch.
9. Gage: 1/12 inch.
10. Face Yarn Weight: 26 oz per sq yd.
11. Density: 6,686 oz per cu yd.
12. Primary Backing/Backcoating: Non-woven fiberglass-reinforced PVC.
13. Secondary Backing: Fiberglass-reinforced thermoplastic composite; 100 percent recyclable.
    a. Provide minimum 39 percent recycled content, post-consumer or post-industrial in secondary backing material.
14. Size: 19.6 inches square.
15. Applied Soil-Resistance Treatment: Manufacturer's standard material; 8.0 on the Red 40 Stain Scale, per AATCC 175.
16. Antimicrobial Treatment: Manufacturer's standard material; passes AATCC 174 (minimum 90 percent reduction of microorganisms according to Part 2; no macroscopic growth according to Part 3); passes ASTM E 2471.
17. Performance Characteristics: As follows:
    a. Colorfastness to Crocking: Not less than 4, wet and dry, per AATCC 165.
    b. Colorfastness to Light: Not less than 4 after 60 AFU (AATCC fading units) per AATCC 16, Option E.
    c. Electrostatic Propensity: Less than 3.0 kV per AATCC 134.
18. Minimum Recycled Content:
    a. Preconsumer: 33 percent.
    b. Postconsumer: 33 percent.
19. VOC Emissions:
    a. Complies with requirements specified in "CALGreen Requirements" Article.
    b. Certification: CRI Green Label Plus.

B. Modular Carpet Tile ***C-2; Field***: Modular carpet tile system designed for specific installation per manufacturer's recommendations. Maintain a visually continuous and finished overall appearance without any tile appearing improperly positioned.

1. Product: ***Interface, Inc.; Cubic***.
    a. Color: T.B.D.
2. Construction: Tufted.
3. Fiber Content: 100 percent nylon Type 6, 6.
4. Fiber Type: Aquafil.
5. Dye Method: 100 percent solution dyed.
6. Pile Characteristic: Textured loop.
7. Pile Height: .145 inch.
8. Stitches: 8.16 per inch.
9. Gage: 1/12 inch.
10. Face Yarn Weight: 18 oz per sq yd.
11. Density: 6,968 oz per cu yd.
12. Primary Backing/Backcoating: Non-woven fiberglass-reinforced PVC.
13. Secondary Backing: Fiberglass-reinforced thermoplastic composite; 100 percent recyclable.
    a. Provide minimum 39 percent recycled content, post-consumer or post-industrial in secondary backing material.
14. Size: 50 cm by 50 cm (19.69 inches square).
15. Applied Soil-Resistance Treatment: Manufacturer's standard material; 8.0 on the Red 40 Stain Scale, per AATCC 175.
16. Antimicrobial Treatment: Manufacturer's standard material; passes AATCC 174 (minimum 90 percent reduction of microorganisms according to Part 2; no macroscopic growth according to Part 3).
17. Performance Characteristics: As follows:
    a. Colorfastness to Crocking: Not less than 4, wet and dry, per AATCC 165.
    b. Colorfastness to Light: Not less than 4 after 60 AFU (AATCC fading units) per AATCC 16, Option E.
    c. Electrostatic Propensity: Less than 3.0 kV per AATCC 134.
18. Minimum Recycled Content:
    a. Preconsumer: 45 percent.
19. VOC Emissions:
    a. Complies with requirements specified in "CALGreen Requirements" Article.
    b. Certification: CRI Green Label Plus.

2.4 INSTALLATION ACCESSORIES

A. Trowelable Leveling and Patching Compounds: Latex-modified, hydraulic-cement-based formulation provided or recommended by carpet tile manufacturer.

B. Primer/Sealer: Carpet manufacturer's standard sealer material designed to seal gypsum-based underlayment surfaces.

C. Corner Connectors: Manufacturer's standard adhesively-surfaced 3-inch by 3-inch square tabs for connecting underside of corners of four adjacent carpet tile units to maintain a tight joint on all sides of tile, thereby maintaining an overall stable surface. Tabs are surfaced with pressure-sensitive acrylic adhesive on one side, only, of polyester backing, so as not to adhere tiles to substrate.

1. Product: Interface, Inc.; TacTiles.

D. Adhesives: Water-resistant, mildew-resistant, nonstaining, pressure-sensitive type to suit products and subfloor conditions indicated, that complies with flammability requirements for installed carpet tile and is recommended by carpet tile manufacturer for releasable installation.

1. VOC Content: Complies with requirements specified in "CALGreen Requirements" Article.

E. Resilient Transition Moldings: As specified in Section 09 65 13 "Resilient Base and Accessories."

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for maximum moisture content, alkalinity range, installation tolerances, and other conditions affecting carpet tile performance.

B. Examine carpet tile for type, color, pattern, and potential defects.

C. Verify that substrates are free of cracks, ridges, depressions, scale, and foreign deposits that might show through surface or interfere with adhesion of carpet tile and accessories

D. For painted subfloors, perform bond test recommended in writing by adhesive manufacturer.

E. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. General: Comply with CRI's "CRI Carpet Installation Standard," and with carpet tile manufacturer's written installation instructions for preparing substrates indicated to receive carpet tile.

B. Concrete substrates: Prepare according to ASTM F 710.

1. Remove coatings, including curing compounds, and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, without using solvents. Use mechanical methods recommended in writing by adhesive and carpet tile manufacturer.
2. Refer to Section 09 05 65 "Concrete Moisture-Control System" for moisture and alkalinity testing and treatment. Proceed with installation only after substrates pass testing.
3. Adhesion Testing: Perform tests recommended by carpet tile manufacturer. Proceed with installation only after substrates pass testing.

C. Metal Substrates: Clean grease, oil, soil, and rust, and prime if recommended in writing by adhesive manufacturer. Rough sand painted metal surfaces and remove loose paint. Sand aluminum surfaces, to remove metal oxides, immediately before applying adhesive.

D. Use trowelable leveling and patching compounds, according to manufacturer's written instructions, to fill cracks, holes, depressions, and protrusions in substrates. Fill or level cracks, holes, and depressions 1/8 inch wide or wider, and protrusions more than 1/32 inch, unless more stringent requirements are required by manufacturer's written instructions.

E. Apply primer/sealer over gypsum-based cementitious underlayment in accordance with carpet manufacturer's written instructions and as required to ensure proper adhesion of carpet to underlayment surface.

F. Broom and vacuum clean substrates to be covered immediately before installing carpet tile.

3.3 CARPET TILE INSTALLATION

A. General: Comply with with CRI's "Carpet Installation Standard," Section 18, "Modular Carpet," and with carpet tile manufacturer's written installation instructions.

B. Installation Method: As recommended in writing by carpet tile manufacturer, and as follows:

1. TacTiles

C. Maintain dye lot integrity. Do not mix dye lots in same area.

D. Maintain carpet tile patterns indicated on Drawings.

E. Cut and fit carpet tile to butt tightly to vertical surfaces, permanent fixtures, and built-in furniture including cabinets, pipes, outlets, edgings, thresholds, and nosings. Bind or seal cut edges as recommended by carpet tile manufacturer.

F. Extend carpet tile into toe spaces, door reveals, closets, open-bottomed obstructions, removable flanges, alcoves, and similar openings.

G. Maintain reference markers, holes, and openings that are in place or marked for future cutting by repeating on finish flooring as marked on subfloor. Use nonpermanent, nonstaining marking device.

H. Install pattern parallel to walls and borders.

I. Do not bridge building expansion joints with carpet tiles.

J. At access flooring, stagger joints of carpet tiles so carpet tile grid is offset from access flooring panel grid. Do not fill seams of access flooring panels with carpet adhesive; keep seams free of adhesive.

K. Resilient Molding Accessories: Butt to adjacent materials and tightly adhere to substrates throughout length of each piece. Install reducer strips at edges of carpet tiles that would otherwise be exposed.

3.4 CLEANING AND PROTECTION

A. Perform the following operations immediately after installing carpet tile.

1. Remove excess adhesive and other surface blemishes using cleaner recommended by carpet tile manufacturer.
2. Remove yarns that protrude from carpet tile surface.
3. Vacuum carpet tile using commercial machine with face-beater element.

B. Protect installed carpet tile to comply with CRI's "CRI Carpet Installation Standard," Section 20, "Protecting Indoor Installations."

C. Protect carpet tile against damage from construction operations and placement of equipment and fixtures during the remainder of construction period. Use protection methods indicated or recommended in writing by carpet tile manufacturer.

END OF SECTION 09 68 13

RESILIENT FLOORING AND RUBBER TOPSET BASE

DIVISIONS 00 AND 01 ARE A PART OF THIS SECTION

PART 1 GENERAL

1.01 SCOPE OF WORK

The work of this Section shall include all labor, material, equipment, and appliances required to complete all the work shown on the drawings and/or specified hereunder. delivery to the building is considered part of this contract.

1.02 WORK INCLUDED

a. All rubber topset base on walls and cabinets

1.03 RELATED WORK

a. Back-up bases or screeds upon which finish bases are to be laid.

1.04 SUBSTITUTIONS

See Article 19, Specification Section 10.

1.05 SUBMITTALS

a. Contractor shall provide a minimum of five (5) copies of manufacturer literature on all adhesives indicating compliance with 2013 California Green Building Standards Code, Section 5.504.4.1 and Table 5.504.4.1 Adhesive VOC limit and SCAQMD Rule 1168 VOC Limits for review and approval by the architect prior to beginning installation.

b. Contractor shall submit a minimum of three (3) product sample for each product which indicates size, shape and color availabilities to the architect for review and selection by Architect.

c. Contractor shall submit documentation that the Resilient Flooring Systems complies with the 2013 California Green Building Codes Standards, Section 5.504.4.6 per Section 5.504.4.6.1.

PART 2 PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

a. Base:
   (1) Armstrong
   (2) Burke
   (3) Mercer
   (4) Roppe

2.02 MATERIALS

a. Rubber Topset Base: 2-1/2", 4", and/or 6", 1/8" thick. Color as selected. Molded outside corners. Fed. Spec. SS-W-40A, Int. Amend. 1, Notice 1.

b. Adhesive shall be waterproof and of the type recommended by the manufacturer of the material with which it is used. Adhesives shall comply with 2022 California Green Building Standards Code, Section 5.504.4.1 and Table 5.504.4.1 Adhesive VOC limit and SCAQMD Rule 1168 VOC Limits

c. Cleaner: Armstrong's Liquid Cleaner, Hillyard's "Super Shine-All" or approved equal.

d. Wax: All first grade "Super Hil-Brite," as manufactured by Hillyard Chemical Co., Armstrong's "Linogloss" or approved equal.

PART 3 EXECUTION

3.01 GENERAL REQUIREMENTS

a. Workmanship: Only skilled workmen, experienced in their respective trades and work shall be employed. All work shall be performed in a first class workmanlike manner and shall be subject to the approval of the Architect or his representative.

b. Colors of all material shall be as selected by the Architect. Current color samples shall be furnished to the Architect for color selection.

c. Manufacturer's Recommendations: All materials shall be applied in accordance

d. Temperature of Rooms: No materials shall be applied in any room where the temperature is less than 70 degrees F. and this temperature shall be maintained during the laying of all specified material. The materials shall be stored in a dry place in the building at a temperature of not less than 70 degrees F. for a period of 24 hours before laying.

e. Protection: The contractor shall cover all his work as necessary to protect from damage until completion and acceptance of the building.

f. Base Stock For Owner: At completion of the work, the Contractor shall leave with the Owner for future repairs, 2% of total used in each color and pattern of material used.

3.02 INSTALLATION

a. Laying of Rubber Topset Base or Flat Rubber Base:

(1) Clean surface of all foreign matter.
(2) Apply rubber base in accordance with manufacturer's recommendation, using a waterproof adhesive. All joints shall be cut on the lap and shall be cut to a straight and true line.

b. Guarantee: All work executed under this Section of the Specifications shall be free from defects of materials and workmanship for a period of one (1) year from date of final acceptance of this work.

END OF SECTION
04/17/2025

DETECTABLE/TACTILE WARNING SURFACES

DIVISIONS 00 AND 01 ARE A PART OF THIS SECTION

1.01 SCOPE OF WORK

The work shall consist of all labor, materials, tools, equipment and service necessary to satisfactorily complete the installation of detectable/tactile warning surfaces.

1.02 WORK INCLUDED

A. Wet-Set Cast-In-Place detectable warning surfaces

1.03 RELATED SECTIONS

Concrete-Section 03 10 00
Concrete Paving-Section 32 13 13

1.04 SUBMITTALS

A. Manufacture's product data including samples of tiles and installation materials.

B. Shop Drawings are required for products showing fabrication details, tile surface profile, fasteners locations and plans of placement including joints.

C. Material test reports from qualified independent testing laboratory indicating that materials proposed for use meet the physical properties indicated herein.

D. Maintenance instructions for each type of tile and accessory as required.

1.05 QUALITY ASSURANCE

A. All products shall be made to the highest compliance with the physical properties listed herein. Installation of the product shall only be done by a qualified contractor approved by the manufacturer.

B. Proven detectable tactile warning surfaces, which comply with the Americans with Disabilities Act and California Building Code (Part 2, Title 24, C.C.R).

C. Vitrified Polymer Composite (VPC) tiles shall be an epoxy polymer composition employing a minimum of 25% by weight aluminum oxide.

D. Minimum physical propertied of the detectable/tactile surfaces:

- Water absorption – ASTM D570 less than 0.35%
- Slip Resistance – ASTM C1028 greater than 0.80
- Compressive Strength – ASTM 695 greater than 18,000 psi.
- Tensile Strength – ASTM 638 greater than 10,000 psi

- Flexural Strength – ASTM C293 greater than 24,000 psi
- Gardener Impact "GE" – ASTM D5420 greater than 450 in.lbf/in.
- Abrasive Wear – ASTM D2386 less than 0.030 after 1000 cycles
- Fire Resistance – ASTM E84 less than 25 flame spread
- Accelerated Weathering – ASTM G29 greater than 2000 hours no fading or chalking or ASTM G 155, Delta E <5.0 2,000 hours.

1.06 DELIVERY/STORAGE AND HANDLING

A. Tile shall be suitable packaged or crated to prevent damage in shipment and in handling.

B. Tiles shall be delivered to location at building site for storage prior to installation.

1.07 PROJECT/SITE CONDITIONS

A. Environmental Conditions and protection: Maintain minimum temperatures of 40° F in spaces to receive tactile tiles for at least 48 hours prior to installation, during installation and for not less than 48 hours after installation.

1.08 WARRANTY

The manufacturer shall warrant the detectable/tactile warning surfaces to be free from defects for a period of five years from date of substantial completion. The installation contractor shall warrant the installation to be free from defects for the same period. Warranty does not cover damage in whole or in part by conditions beyond the control of the manufacturer or installer, including built not limited to: use for which the materials not designed; casualty; faulty design or construction; failure of the substrate; damage caused by neglect or improper maintenance procedures and other causes not specified. This warranty is in lieu of all other warranties, expressed or implies, including but not limited to any warranty of merchant ability of fitness for a particular purpose.

1.09 SUBSTITUTIONS

A. Substitutions for equal products may be considered as long as the appropriate submittals are made per the General Conditions Article 19.

PART 2 PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

A. ADA Armor-Tile, Engineered Plastics Inc.-www.armor-tile.com

B. Detectable Warning Systems, Inc. –www.detactable-warning.com

C. ADA Solutions, Inc.-www.adatile.com

D. Or approved Equal.

2.02 MATERIALS

A. Detectable/tactile warning surface shall be Safety Yellow, colorfast UV size to be 36" min in direction of travel x width of sidewalk, see plans for location.

B. Stainless steel low profile expansion anchors 3/16" diameter x 2" long.

C. Heavy-duty epoxy perimeter sealant system.

PART 3 EXECUTION

3.01 EXAMINATION

A. Installation temperature shall be at least 40°F or maximum of 100°F.

B. Verify with the general contractor that the concrete substrate is properly cured, clean and suitably dry, usually 40 days or more.

3.02 PREPARATION OF SURFACES

A. Fill cracks or voids with compound as approved by the manufacture.

B. High spots on the substrates shall be removed by grinding them down.

3.03 CAST IN PLACE INSTALLATION

Install materials in strict accordance with manufacture's installation instructions.

3.04 CLEANING

A. Remove all unused material, tools and equipment. Dispose of properly.

B. If detectable/tactile surface requires, clean the tiles in accordance with the manufacturer's instructions.

3.05 PROTECTION

Protect the tiles from damage using coverings if required until acceptance of work by the customer.

END OF SECTION
04/21/2025

YES Environmental, Inc.

1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

ASBESTOS ABATEMENT & LEAD REMEDIATION SCOPE OF WORK

Site Information:
Franklin ES – Demolition of Rooms 22-26
2400 Truxtun Ave., Bakersfield, CA 93301

Prepared for:
Bakersfield City School District
1300 Baker Street, Bakersfield, CA 93305
(661) 631-5885

Prepared by:
Kristy Yowell, President
CAC No. 09-4500 / CDPH Inspector/Assessor No. LRC-00004640
YES Environmental, Inc. (YES, Inc.)
Project Number 25YES-44
April 2025

This SOW should be printed in color.

ASBESTOS & LEAD SCOPE OF WORK

Franklin Elementary School – Demolition of Rooms 22-26

PURPOSE OF PROJECT

In order for Bakersfield City School District (BCSD) to modernize Franklin Elementary School, asbestos and lead-containing materials must be removed. The contractor is responsible for 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

The contractor shall refer to the plans and specifications for phasing information.

DAYS TO COMPLETE REMEDIATION ACTIVITIES

The contractor shall have twenty (20) business days to complete all remediation activities. The remediation work must be performed in the phasing described in the plans and specifications. Contractor may have multiple mobilizations necessary to complete the work.

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.

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. *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.*

The contractor shall refer to the plans and specifications to determine the location and quantity of materials to be removed or disturbed.

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.

Where 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.

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. These specifications **are not** designed to comply with the requirements for abatement as defined in the CDPH Title 17 regulation. Unless stated specifically otherwise in these specifications, the Owner does not anticipate any work being done as part of this project that meets the definition of abatement as used in Title 17. **Therefore, unless specifically directed otherwise by this specification or by the direction of the Owner and/or Consultant, the Contractor and/or subcontractors shall NOT submit Form 8551, "ABATEMENT OF LEAD HAZARDS," to CDPH since that form provides inappropriate notice for the work done on this project**.

The Contractor may be required to complete and submit this form should a lead hazard be created or the scope of work changes. 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.

LEAD-BASED PAINTED OR COATED COMPONENTS

The contractor shall refer to the attached initial inspection report for specific testing combinations and the summary of the lead results.

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.

CALIFORNIA DEPARTMENT OF PUBLIC HEALTH

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:

- 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.

EPA's RENOVATION, REPAIR AND PAINTING RULE (RRP)

Not applicable to demolition projects.

UNIT PRICING

These prices must be submitted on a separate form and must be included with your bid.

TSI

The contractor shall include in their base bid abatement of 500 linear feet of asbestos-containing pipe insulation, elbows, joints and junctions. The TSI may be found in wall cavities, ceilings, attic spaces, etc.

Floor Tile

Contractor shall include in their base bid abatement of concealed asbestos-containing floor tile and mastic under cabinets, unit ventilators, shelves, etc. The shelves, unit ventilators, cabinets, etc. are exposed and the contractor shall assume there is ACM beneath.

NOTIFICATIONS

The remediation contractor shall be responsible for the submission of all notifications triggered by asbestos removal and lead disturbance. This includes the renovation or demolition permit release form to San Joaquin Valley Air Pollution Control District and the Cal/OSHA Lead Work Pre-Job Notification.

SUPERVISOR & WORKER TRAINING REQUIRED

ASBESTOS

Workers and supervisors disturbing asbestos shall have AHERA accredited training as asbestos workers or contractor supervisors.

LEAD

Workers and supervisors disturbing components with lead must have, at a minimum, action-level lead training as described by Cal/OSHA 8 CCR 1532.1.

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 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 will not be accepted.
5. Electronic submittals will only be accepted for initial reviewing purposes only.
6. Delays in providing the required submittals may affect the start of the project.

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	
Challenge testing of HEPA filtered equipment within 5 days of the start of the project		X	

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.*

In addition, the contractor shall remove all fixtures, components, etc., located inside structures requiring abatement activities and are scheduled to be demolished, prior to abatement commencing. Examples of this are PCB-containing ballasts and mercury-containing fluorescent light tubes. **Re-entry post abatement in structures scheduled to be demolished will not be permitted.**

ALLOWABLE FORMS OF COMMUNICATION

The remediation 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, student, 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 asbestos or lead-contaminated debris is deposited.

ASBESTOS CONTAINMENT/REGULATED AREA SETUP REQUIREMENTS

Containment setup requirements for all containments/regulated areas:

1. 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.
2. 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.
3. All poly used on this project shall be a minimum of 6-mil thickness and flame retardant (FR).
4. All interior containments shall have view windows installed at locations approved by the consultant.
5. 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.
6. 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.
7. 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.

8. 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.
9. 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).
10. 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.
11. 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.
12. Any walls requiring protection from being contaminated by asbestos during abatement shall be covered with at least two layers of 6-mil FR poly.
13. The consultant must give final approval for containment/regulated area setups before abatement or disturbance of ACM commences.
14. 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.
15. 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.
16. Abatement shall not commence if waste bins are not onsite at the time abatement is ready to begin.
17. 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.
18. 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.
19. 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.
20. 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.

LEAD CONTAINMENT SETUP REQUIREMENTS

1. Any poly sheeting used on this project shall be 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.
3. The remediation contractor is required to contain the disturbance of lead in a manner which prevents lead-contaminated dust, debris, water, or air 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 and these specifications.
5. All those entering the regulated area must sign in on a roster that documents their presence in the area.

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 transite pipe, roofing materials, roofing mastic, and other non-friable materials, workers shall wear at a minimum, half-face negative-pressure respirator with P-100 HEPA cartridges.
2. During the removal and detail cleaning of drywall, pipe insulation, and other friable materials workers shall wear at a minimum, powered-air purifying respirator with P-100 HEPA cartridges.
3. 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.
4. Disposable coveralls and eye protection shall be worn by all workers during all remediation, and detail cleaning phases of this project.
5. Should personal air monitoring results not be received the following week after being collected, the asbestos/lead 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 on all interior containments 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. 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.
2. Interior abatement may not commence until the consultant has visually inspected the rooms to confirm that all soft demolition has been completed.
3. No bulk loading of floor tiles, floor tile mastics, transite or drywall will be allowed.
4. 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.
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.
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. Contractor shall generate only as much debris as they can bag and deposit into a waste bin at the end of the an 8-hour shift.
8. 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.
9. 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.
10. 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.
11. All interior components shall be opened up and detail cleaned to remove asbestos materials. This includes but is not limited to wall cavities, eaves, attics and all spaces beneath the roof.
12. The contractor shall leave their poly secured in place where the disconnection point is located when the covered walkways are disconnected from existing walkways and structures being demolished.

LEAD REMOVAL PROCEDURES

1. All paint or coated components with LBP shall be either removed entirely before the structure is demolished or stabilized if the condition of the paint or coating is fair or poor. The consultant reserves final approval whether stabilization or removal is most expedient.
2. Removal shall be performed using the most expedient method, contingent upon approval from the consultant.
3. All removal methods must be performed using amended water or local HEPA exhaust attachment.
4. Removed lead-containing paints or components shall be kept wet and promptly placed into leak-tight containers.
5. 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.
6. The remediation 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.
3. Mechanical tools without HEPA vacuum attachment and HEPA vacuum properly attached according to manufacturer recommendation.
4. No brooms are allowed on this project.

COMPLETION OF ASBESTOS ABATEMENT & CLEARANCE AIR SAMPLES

1. After final cleaning of the building or structures intended to be demolished, 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.
2. 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 will determine completion of work.

COMPLETION OF LEAD REMOVAL

1. 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.
2. 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 lead and must be cleaned.

PERSONAL AIR MONITORING RESULTS FOR WORKERS

The remediation 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.

Roofing mastics, transite and any other ACM contaminated materials removed by non-mechanical or hand methods shall be discarded as non-friable, non-hazardous asbestos-containing waste and manifested accordingly.

All fire doors, TSI, drywall and ACM removed by mechanical means shall be discarded as friable, hazardous asbestos-containing waste and manifested.

The contractor shall notify YES, Inc. and the District representative at least **24** hours in advance of when the manifest must be signed.

LEAD DISPOSAL

Waste characterization is the responsibility of the Contractor. Lead waste shall be secured on-site until characterized. Testing results shall be provided to the consultant within ten calendar days of the waste being generated. Lead waste shall be disposed of in accordance with the remediation 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 (work practices) 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. Submittal Requirements
B. Initial Inspection Report

Attachment A – Submittal Requirements

Asbestos & 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)
    a. CSLB license with asbestos certification
    b. EPA RRP contractor registration
2. DOSH registration
3. Notifications
    a. San Joaquin Valley APCD or appropriate local EPA enforcement agency for the job site location.
    b. Cal/OSHA
        i. Asbestos notification
        ii. Lead notification
    c. Equipment rented
        i. Proof the rental company has been made aware the rented equipment will be used for asbestos and/or lead 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 CDPH training
    c. Proof of Medical approval to wear a respirator
    d. 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
    a. 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
    e. Air pressure differential manometer readings (for negative pressure enclosures)
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

Attachment B – Initial Inspection Report

1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

SUMMARY OF COMPREHENSIVE ASBESTOS, LEAD, PCB, MERCURY & FLUORESCENT LIGHT TUBE INSPECTION FINDINGS

Site Information:
Franklin ES – Classrooms 22-27 & Chiller Yard
2400 Truxtun Avenue, Bakersfield, CA 93301

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.
Project Number 22YES-72
April 2025

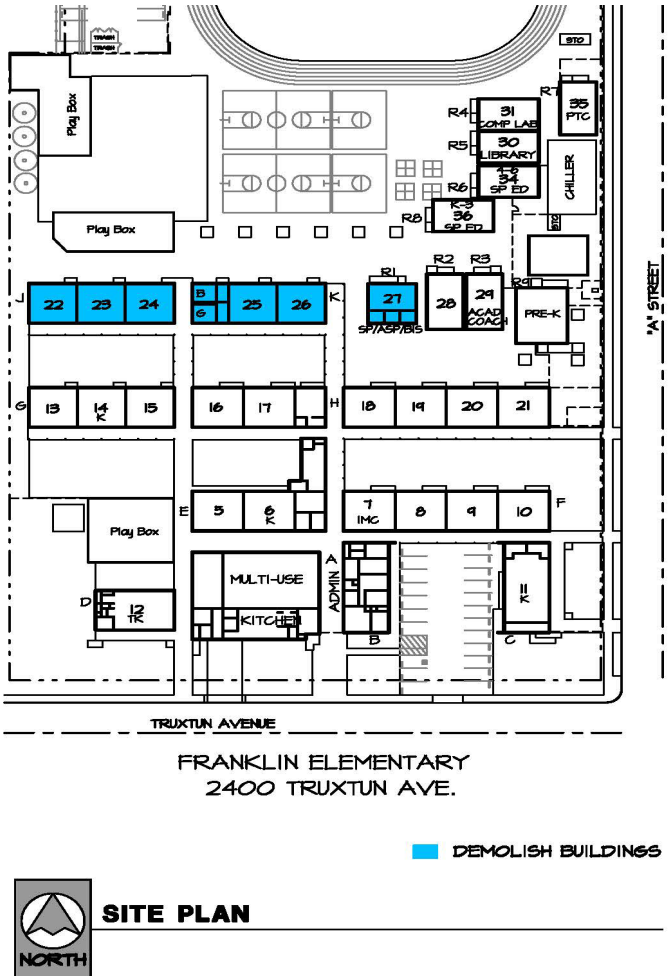
1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

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 Franklin Elementary School located at 2400 Truxtun Avenue, Bakersfield, CA:

- Building J – Classrooms 22-24 – Comprehensive of all rooms associated with this building
- Building K – Classrooms 25-26 – Comprehensive of all rooms associated with this building including the restrooms, storage rooms, etc.
- Building R1 – Classroom 27 – Comprehensive of all rooms associated with this building
- The Chiller Yard was comprehensively inspected.

YES, Inc. performed the inspection over the course of several months, beginning in November 2022 and concluding in December 2022. 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.



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 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 Niton XLp 300 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^2), 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: By Paint Chip:	1.0 mg/cm^2 or greater 0.5 wt%; or 5,000 ppm
LCP	Lead-containing paint, coating or material	By XRF: By Paint Chip:	<1.0 mg/cm^2 <0.5 wt%; or 5,000 ppm
ND	No lead detected	By XRF: By Paint Chip:	Requires paint chip confirmation <limit of detection

Summary of XRF Findings

Material Description	Locations	Lead Type & Result
Interior ceramic wall tile – 4'x6' cream with gold flecks XRF Line #: 47	Building K – Boys' Restroom and Girls' Restroom walls	LBP 4.90 mg/cm^2
Interior orange paint on structural metal	Throughout buildings J, K & Covered Walkway	LBP ≥1.00 mg/cm^2
All other painted components on campus – interior and exterior	Throughout building J, K & R1	LCP 0.00-0.99 mg/cm^2

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

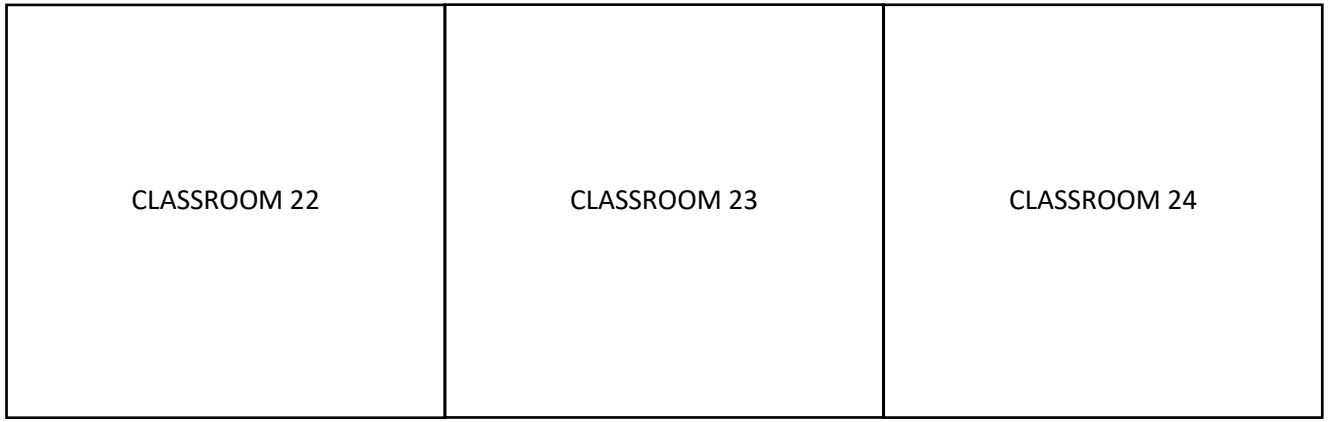
1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Attachment A – Asbestos Inspection Report by Room & Maps

Bakersfield City School District
Franklin Elementary School - 2400 Truxtun Ave., Bakersfield, CA 93301
YES, Inc. Project Number: 22YES-72
December 2022

N

Building J - CR'S 23-24



Not Drawn to Scale

YES Environmental, Inc.

1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Client: Bakersfield City School District

YES Project No.: 22YES-72

Site: Franklin ES

Date of Inspection: 11/29/2022

Inspection Report

Building: Building J - CRs 22-24 **Room Name:** Attic

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 joists			
Walls	-		Wood			
Pipe	35		Transite Pipe; known, typically 10% CH		Y	N
Ceiling	-		Roof deck - diagonal sheathing			

RED=Asbestos-containing

BLACK=No asbestos detected

Friable Category=condition assessed at the time of inspection.
Condition can change at any time.
Condition will most likely change when disturbed.

YES Environmental, Inc.

1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building: Building J - CRs 22-24 **Room Name:** Classroom 22 **Rm Ft²:** 960

Room Dimensions: L=32 W=30 H=9/14

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	3	03A	Carpet & glue - tan w/grey/black/blue multi	ACM floor tile	N	
	NOTE		Covers approx. 80% of floor			
Floor	1	01A	Floor tile & glue - 12" cream oatmeal	ACM floor tile	N	
	NOTE		Covers approx. 10% of floor at sink			
Floor	2		Floor tile & glue - 12" light cream oatmeal	ACM floor tile	N	
	NOTE		Covers approx. 10% of floor at unit ventilator			
Floor	4	04A	Concealed floor tile & black mastic - various colors of tile	Concrete	Y	N
	NOTE		Exists under the entire floor throughout.			
	NOTE		Tile=5% CH; Black Mastic=ND			
BB	5		Baseboard & glue - 4" lt brown		N	
Wall	-		Plywood		N	
Wall	7	07B	Tackboard and brown glues	Wood	N	
Sink	-		Porcelain sink		N	
Flat Counter	-		Formica		N	
Angled Counter	6		Concealed sheet vinyl counter top		N	
Ceiling	8		Lay-in panel 2'x4' gouge pinhole	F/G batts	N	
Ceiling	9		Fiberglass batt insulation - foil backing	12" ACTs	N	
Ceiling	10	10A	Acoustic ceiling tile 12" random hole & brown mastic	F/G batts	N	
Ceiling	11	11A	Unfinished drywall (no T&J) - 2% CH	F/G batts	Y	Y
Ceiling	12	12A	Fiberglass batt insulation - lt brown paper backing	Diagonal Sheathing	N	

RED=Asbestos-containing
BLACK=No asbestos detected

Friable Category=condition assessed at the time of inspection.
Condition can change at any time.
Condition will most likely change when disturbed.

YES Environmental, Inc.

1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building: Building J - CRs 22-24 **Room Name:** Classroom 23 **Rm Ft²:** 960

Room Dimensions: L=32 W=30 H=9/14

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	3		Carpet & glue - tan w/grey/black/blue multi	ACM floor tile	N	
	NOTE		Covers approx. 80% of floor			
Floor	1		Floor tile & glue - 12" cream oatmeal	ACM floor tile	N	
	NOTE		Covers approx. 10% of floor at sink			
Floor	2	02A	Floor tile & glue - 12" light cream oatmeal	ACM floor tile	N	
	NOTE		Covers approx. 10% of floor at unit ventilator			
Floor	4		Concealed floor tile & black mastic - various colors of tile	Concrete	Y	N
	NOTE		Exists under the entire floor throughout.			
	NOTE		Tile=5% CH; Black Mastic=ND			
BB	5	05A	Baseboard & glue - 4" lt brown		N	
Wall	-		Plywood		N	
Wall	7		Tackboard glues	Wood	N	
Sink	-		Porcelain sink		N	
Flat Counter	-		Formica		N	
Angled Counter	6	06A	Concealed sheet vinyl counter top		N	
Ceiling	8	08A	Lay-in panel 2'x4' gouge pinhole	F/G batts	N	
Ceiling	9	09A	Fiberglass batt insulation - foil backing	12" ACTs	N	
Ceiling	10		Acoustic ceiling tile 12" random hole & brown mastic	F/G batts	N	
Ceiling	11		Unfinished drywall (no T&J) - 2% CH	F/G batts	Y	Y
Ceiling	12		Fiberglass batt insulation - lt brown paper backing	Diagonal Sheathing	N	

RED=Asbestos-containing
BLACK=No asbestos detected

Friable Category=condition assessed at the time of inspection.
Condition can change at any time.
Condition will most likely change when disturbed.

YES Environmental, Inc.

1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building: Building J - CRs 22-24 **Room Name:** Classroom 24 **Rm Ft²:** 960

Room Dimensions: L=32 W=30 H=9/14

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	3		Carpet & glue - tan w/grey/black/blue multi	ACM floor tile	N	
	NOTE		Covers approx. 80% of floor			
Floor	1		Floor tile & glue - 12" cream oatmeal	ACM floor tile	N	
	NOTE		Covers approx. 10% of floor at sink			
Floor	2		Floor tile & glue - 12" light cream oatmeal	ACM floor tile	N	
	NOTE		Covers approx. 10% of floor at unit ventilator			
Floor	4	04B	Concealed floor tile & black mastic - various colors of tile	Concrete	Y	N
	NOTE		Exists under the entire floor throughout.			
	NOTE		Tile=5% CH; Black Mastic=ND			
BB	5		Baseboard & glue - 4" lt brown		N	
Wall	-		Plywood		N	
Wall	7	07A	Tackboard and brown glue	Wood	N	
Sink	-		Porcelain sink		N	
Flat Counter	-		Formica		N	
Angled Counter	6		Concealed sheet vinyl counter top		N	
Ceiling	8		Lay-in panel 2'x4' gouge pinhole	F/G batts	N	
Ceiling	9		Fiberglass batt insulation - foil backing	12" ACTs	N	
Ceiling	10	10B	Acoustic ceiling tile 12" random hole & brown mastic	F/G batts	N	
Ceiling	11	11B	Unfinished drywall (no T&J) - 2% CH	F/G batts	Y	Y
Ceiling	12		Fiberglass batt insulation - lt brown paper backing	Diagonal Sheathing	N	

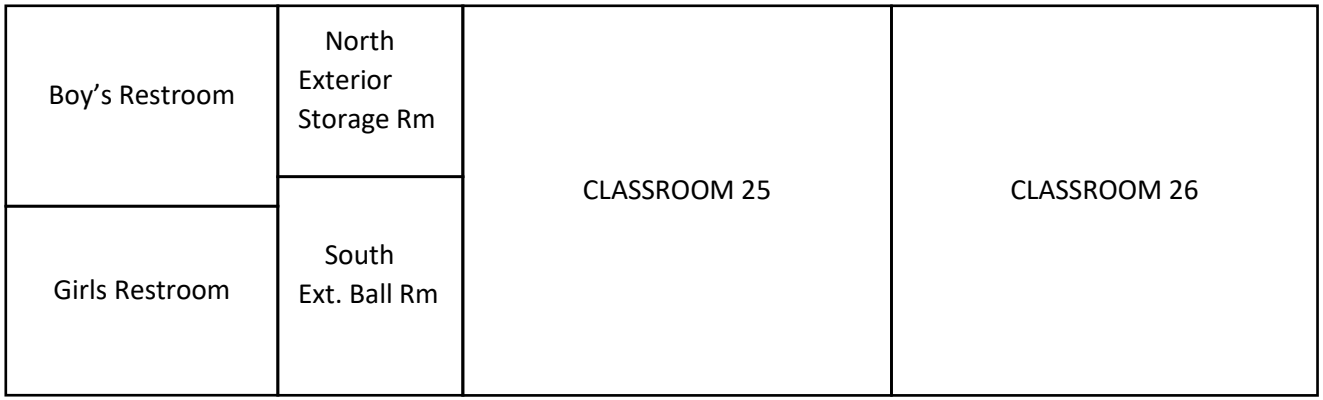
Friable Category=condition assessed at the time of inspection.
Condition can change at any time.
Condition will most likely change when disturbed.

RED=Asbestos-containing
BLACK=No asbestos detected

Bakersfield City School District
Franklin Elementary School - 2400 Truxtun Ave., Bakersfield, CA 93301
YES, Inc. Project Number: 22YES-72
December 2022

N

Building K – CR'S 25-26



Not Drawn to Scale

YES Environmental, Inc.

1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Client: Bakersfield City School District

YES Project No.: 22YES-72

Site: Franklin ES

Date of Inspection: 11/29/2022

Inspection Report

Building: Building K - CRs 25-26 **Room Name:** Attic

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 joists			
Walls	-		Wood			
Pipe	35		Transite Pipe; known, typically 10% CH		Y	N
Ceiling	-		Roof deck - diagonal sheathing			

RED=Asbestos-containing

BLACK=No asbestos detected

Friable Category=condition assessed at the time of inspection.
Condition can change at any time.
Condition will most likely change when disturbed.

YES Environmental, Inc.

1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building: Building K - CRs 25-26 **Room Name:** Restroom D (girls') **Rm Ft²:** 240

Adjacent to CR 25 **Room Dimensions:** L=16 W=15 H= +/- 12

Component	HMR #	Sample #	Material Description	Substrate	Y/N	Friable Y/N
Floor	13		Ceramic floor tile 1x2" browns & brown grout		N	
BB			none		N	
Walls	14		Ceramic wall tile 4x6" cream w/gold specks & white grout	Plaster	N	
	NOTE		AFF 5'			
Walls	15		Plaster - smooth - Previously Sampled in Asbestos Management Plan		N	
Ceiling	15		Plaster - smooth - Previously Sampled in Asbestos Management Plan		N	

Building: Building K - CRs 25-26 **Room Name:** Restroom B (boys') **Rm Ft²:** 240

Adjacent to CR 25 **Room Dimensions:** L=16 W=15 H= +/- 12

Component	HMR #	Sample #	Material Description	Substrate	Y/N	Friable Y/N
Floor	13	13A	Ceramic floor tile 1x2" browns & brown grout		N	
BB			none		N	
Walls	14	14A	Ceramic wall tile 4x6" cream w/gold specks & white grout	Plaster	N	
	NOTE		AFF 5'			
Walls	15		Plaster - smooth - Previously Sampled in Asbestos Management Plan		N	
Ceiling	15		Plaster - smooth - Previously Sampled in Asbestos Management Plan		N	

RED=Asbestos-containing

BLACK=No asbestos detected

Friable Category=condition assessed at the time of inspection.
Condition can change at any time.
Condition will most likely change when disturbed.

YES Environmental, Inc.

1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building: Building K - CRs 25-26 **Room Name:** South Ext. Ball Room **Rm Ft²:** 150
Adjacent to CR 25 **Room Dimensions:** L=15 W=10 H= +/- 12

Component	HMR #	Sample #	Material Description	Substrate	Y/N	Friable Y/N
Floor	2	02B	Floor tile 12" Newer ltl cream oatmeal & yellow glues	Concrete	N	
BB			none		N	
Walls	16	16A	Plaster - sanded finish- painted	Plaster	N	
Ceiling	16		Plaster - sanded		N	

Building: Building K - CRs 25-26 **Room Name:** North Ext. Storage Rm **Rm Ft²:** 120
Adjacent to CR 25 **Room Dimensions:** L=15 W=8 H= +/- 12

Component	HMR #	Sample #	Material Description	Substrate	Y/N	Friable Y/N
Floor	-		Conrete - bare & exposed	Concrete	N	
BB			none		N	
Walls	16	16B	Plaster - sanded finish- painted	Plaster	N	
Ceiling	16		Plaster - sanded		N	
Pipe	35		Transite Pipe; known, typically 10% CH		Y	N

RED=Asbestos-containing
BLACK=No asbestos detected

Friable Category=condition assessed at the time of inspection.
Condition can change at any time.
Condition will most likely change when disturbed.

YES Environmental, Inc.

1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building: Building K - CRs 25-26 **Room Name:** Classroom 25 **Rm Ft²:** 960

Room Dimensions: L=32 W=30 H=9/14

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	3		Carpet & glue - tan w/grey/black/blue multi	ACM Floor Tile	N	
	NOTE		Covers approx. 80% of floor			
Floor	1	01B	Floor tile & glue - 12" cream oatmeal	ACM Floor Tile	N	
	NOTE		Covers approx. 10% of floor at sink			
Floor	2		Floor tile & glue - 12" light cream oatmeal	ACM Floor Tile	N	
	NOTE		Covers approx. 10% of floor at unit ventilator			
Floor	4	04C	Concealed floor tile & black mastic - various colors of tile	Concrete	Y	N
	NOTE		Exists under the entire floor throughout.			
	NOTE		Tile=5% CH; Black Mastic=ND			
BB	5	05B	Baseboard & glue - 4" lt brown		N	
Wall	-		Plywood		N	
Wall	7		Tackboard glues	Wood	N	
Sink	-		Porcelain sink		N	
Flat Counter	-		Formica		N	
Angled Counter	6	06B	Concealed sheet vinyl counter top and glue		N	
Ceiling	8		Lay-in panel 2'x4' gouge pinhole	F/G batts	N	
Ceiling	9		Fiberglass batt insulation - foil backing	12" ACTs	N	
Ceiling	10	10C	Acoustic ceiling tile 12" random hole & brown mastic	F/G batts	N	
Ceiling	11	11C	Unfinished drywall (no T&J) - 2% CH	F/G batts	Y	Y
Ceiling	12	12B	Fiberglass batt insulation - lt brown paper backing	Diagonal Sheathing	N	

Friable Category=condition assessed at the time of inspection.
Condition can change at any time.
Condition will most likely change when disturbed.

RED=Asbestos-containing
BLACK=No asbestos detected

YES Environmental, Inc.

1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Building: Building K - CRs 25-26 **Room Name:** Classroom 26 **Rm Ft²:** 960

Room Dimensions: L=32 W=30 H=9/14

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Floor	3	03B	Carpet & glue - tan w/grey/black/blue multi	ACM Floor Tile	N	
	NOTE		Covers approx. 80% of floor			
Floor	1		Floor tile & glue - 12" cream oatmeal	ACM Floor Tile	N	
	NOTE		Covers approx. 10% of floor at sink			
Floor	2		Floor tile & glue - 12" light cream oatmeal	ACM Floor Tile	N	
	NOTE		Covers approx. 10% of floor at unit ventilator			
Floor	4		Concealed floor tile & black mastic - various colors of tile	Concrete	Y	N
	NOTE		Exists under the entire floor throughout.			
	NOTE		Tile=5% CH; Black Mastic=ND			
BB	5		Baseboard & glue - 4" lt brown		N	
Wall	-		Plywood		N	
Wall	7	07C	Tackboard and brown glue	Wood	N	
Sink	-		Porcelain sink		N	
Flat Counter	-		Formica		N	
Angled Counter	6		Concealed sheet vinyl counter top		N	
Ceiling	8	08B	Lay-in panel 2'x4' gouge pinhole	F/G batts	N	
Ceiling	9	09B	Fiberglass batt insulation - foil backing	12" ACTs	N	
Ceiling	10		Acoustic ceiling tile 12" random hole & brown mastic	F/G batts	N	
Ceiling	11		Unfinished drywall (no T&J) - 2% CH	F/G batts	Y	Y
Ceiling	12		Fiberglass batt insulation - lt brown paper backing	Diagonal Sheathing	N	

Friable Category=condition assessed at the time of inspection.
Condition can change at any time.
Condition will most likely change when disturbed.

RED=Asbestos-containing
BLACK=No asbestos detected

YES Environmental, Inc.

1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Client: Bakersfield City School District
Site: Franklin ES

YES Project No.: 22YES-72
Date of Inspection: 11/29/2022

Inspection Report

Building: Building J & K Exteriors **Room Name:** Exteriors
Classrooms 22-26

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Ground	-		Concrete		N	
Ground	33	33A-B	Asphalt		N	
Windows	17	17A-D	Exterior window putty		N	
Walls	32	32A-D	Exterior stucco & vapor barrier		N	
Eaves	-		Wood		N	
Roofs	30	30A-B	White coated foam on silver paint on shingled roofing	Diagonal Sheathing	Y	N
	NOTE		Foam=ND; Silver Paint=2%; Felts=20% CH			
Roofs	31	31A	White coated foam=ND & silver paint=2% CH		Y	N
	NOTE		On components such as, but not limited to, roof jack, pipes, vents, etc.			
Roof Pipe	35		Transite Pipe; known, typically 10% CH		Y	N

RED=Asbestos-containing
BLACK=No asbestos detected

Friable Category=condition assessed at the time of inspection.
Condition can change at any time.
Condition will most likely change when disturbed.

YES Environmental, Inc.

1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Client: Bakersfield City School District
Site: Franklin ES

YES Project No.: 22YES-72
Date of Inspection: 11/29/2022

Inspection Report

Building: All Covered Walkways

Component	HMR #	Sample #	Material Description	Substrate	ACM Y/N	Friable Y/N
Ground	-		Concrete		N	
Ground	33		Asphalt		N	
Ceilings	32		Exterior stucco & vapor barrier		N	
Eaves	-		Wood		N	
Roof	30		White coated foam on silver paint on shingled roofing	Diagonal Sheathing	Y	N
	NOTE		Foam=ND; Silver Paint=2%; Felts=20% CH			
All Roofs	38		Mastics some w/silver paint, foam, etc.		Y	N
	NOTE		Black mastic=2%-5% CH; Silver paint=2%			
			On components such as, but not limited to, roof jacks, roof patches, HVAC platforms, vents, pipes, etc.			

RED=Asbestos-containing
BLACK=No asbestos detected

Friable Category=condition assessed at the time of inspection.
Condition can change at any time.
Condition will most likely change when disturbed.

Attachment B – Lead XRF Inspection, CDPH 8552 & Maps

YES Environmental, Inc.

1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

CLIENT DEFINED SURVEY FOR LEAD BASED PAINT

Client: Bakersfield City School District

Site: Franklin Elementary School – Classrooms 22-27

YES, Inc. Project Number: 22YES-72 **NITON Serial #:** 105041 **Model #:** XLp 300A

Date	12-6-2022	Start Time	5 pm	Beginning Calibration	1.04 =	1.00	1.04 =	1.00	1.04 =	0.90	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	12-6-2022	End Time	9:30 pm	Ending Calibration	1.04 =	0.80	1.04 =	0.90	1.04 =	1.10	

NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM²	
BUILDING J – INTERIOR							
1.	CR 22 – SOUTH SIDE	DOOR JAMB	WOOD	CREAM	FAIR	0.50	LCP
2.	CR 22 – SOUTH SIDE	DOOR	WOOD	GREEN	FAIR	0.01	LCP
3.	CR 22 – NORTH SIDE	DOOR	METAL	GREEN	FAIR	0.22	LCP
4.	CR 22 – NORTH SIDE	VERTICAL SQUARE COLUMN	WOOD	CREAM	FAIR	0.50	LCP
5.	CR 22 – NORTH SIDE	WINDOW INFILL	WOOD	CREAM	FAIR	0.00	LCP
6.	CR 23 – CENTER	CEILING TILE 2'X4'	PRESS BOARD	CREAM	FAIR	0.02	LCP
7.	CR 23 – CENTER	CEILING GRID	METAL	CREAM	FAIR	0.00	LCP
8.	CR 23 – NORTH SIDE	CEILING TILE 12"	PRESS BOARD	CREAM	FAIR	0.01	LCP
9.	CR 23 – WEST SIDE	CABINET	WOOD	CREAM	FAIR	0.24	LCP
10.	CR 23 – WEST SIDE	CABINET DOOR	WOOD	CREAM	FAIR	0.24	LCP
11.	CR 23 – SOUTH SIDE	WALL	WOOD	CREAM	FAIR	0.04	LCP
12.	CR 23 – WEST SIDE	SHELF SUPPORT	WOOD	CREAM	INTACT	0.00	LCP

YES Environmental, Inc.

1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Date	12-6-2022	Start Time	5 pm	Beginning Calibration	1.04 =	1.00	1.04 =	1.00	1.04 =	0.90	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	12-6-2022	End Time	9:30 pm	Ending Calibration	1.04 =	0.80	1.04 =	0.90	1.04 =	1.10	

NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM^2	
BUILDING J – INTERIOR CONTINUED							
13.	CR 24 – NORTH SIDE	WALL	WOOD	CREAM	INTACT	0.07	LCP
14.	CR 24 – NORTH SIDE	DOOR	WOOD	GREEN	FAIR	0.00	LCP
15.	CR 24 – NORTH SIDE	DOOR STOB/JAMB	WOOD	CREAM	INTACT	0.00	LCP
16.	CR 24 – NORTH SIDE	DOOR TRIM	WOOD	CREAM	INTACT	0.00	LCP
EXTERIOR BLDG J							
17.	SOUTH SIDE EAST END	WALL	STUCCO	CREAM	INTACT	0.12	LCP
18.	SOUTH SIDE CENTER	VERTICAL ROUND POLE	METAL	GREEN	FAIR	0.02	LCP
19.	SOUTH SIDE CENTER	ROOF DECK	WOOD	CREAM	FAIR	0.01	LCP
20.	SOUTH SIDE CENTER	FASCIA	WOOD	GREEN	FAIR	0.01	LCP
21.	SOUTH SIDE CENTER	CEILING JOIST	WOOD	CREAM	FAIR	0.01	LCP
22.	SOUTH SIDE CENTER	DRIP EDGE	METAL	GREEN	INTACT	0.00	LCP
23.	SOUTH SIDE CENTER	HEADER BEAM	WOOD	WOOD	FAIR	0.01	LCP
24.	SOUTH SIDE CENTER	L-BRACKET	METAL	CREAM	INTACT	0.11	LCP
25.	NORTH SIDE EAST SIDE	WINDOW SILL	WOOD	CREAM	FAIR	0.12	LCP

YES Environmental, Inc.

1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Date	12-6-2022	Start Time	5 pm	Beginning Calibration	1.04 =	1.00	1.04 =	1.00	1.04 =	0.90	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	12-6-2022	End Time	9:30 pm	Ending Calibration	1.04 =	0.80	1.04 =	0.90	1.04 =	1.10	

NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM^2	
EXTERIOR BLDG J CONTINUED							
26.	NORTH SIDE CENTER	WINDOW	METAL	CREAM	FAIR	0.40	LCP
27.	NORTH SIDE CENTER	MULLION	METAL	CREAM	FAIR	0.40	LCP
28.	NORTH SIDE EAST END	LOUVER	METAL	CREAM	FAIR	0.00	LCP
29.	NORTH SIDE EAST END	PIPE CHASE COVER	METAL	CREAM	FAIR	0.00	LCP
30.	NORTH SIDE CENTER	DOOR	METAL	GREEN	FAIR	0.25	LCP
31.	NORTH SIDE	WALL	STUCCO	CREAM	FAIR	0.00	LCP
BUILDING K – INTERIOR							
32.	NORTH BALL STORAGE RM – WEST SIDE	WALL	PLASTER	LT BLUE	FAIR	0.00	LCP
33.	NORTH BALL STORAGE RM – EAST SIDE	WALL	PLASTER	DK BLUE	FAIR	0.00	LCP
34.	NORTH BALL STORAGE RM – NORTH SIDE	WALL	PLASTER	TAN	FAIR	0.00	LCP
35.	CR 25 – SOUTH SIDE	WALL	WOOD	CREAM	INTACT	0.11	LCP
36.	CR 25 – WEST SIDE	CABINET DOOR	WOOD	CREAM	FAIR	0.20	LCP
37.	CR 25 – WEST SIDE	CABINET	WOOD	CREAM	FAIR	0.07	LCP
38.	CR 25 – NORTH SIDE	DOOR	METAL	GREEN	FAIR	0.22	LCP

YES Environmental, Inc.

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Date	12-6-2022	Start Time	5 pm	Beginning Calibration	1.04 =	1.00	1.04 =	1.00	1.04 =	0.90	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	12-6-2022	End Time	9:30 pm	Ending Calibration	1.04 =	0.80	1.04 =	0.90	1.04 =	1.10	

NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM^2	
BUILDING K – INTERIOR CONTINUED							
39.	CR 25 – NORTH SIDE	DOOR FRAME	METAL	CREAM	FAIR	0.27	LCP
40.	CR 25 – NORTH SIDE	VERTICAL SQUARE POST	WOOD	CREAM	FAIR	0.70	LCP
41.	CR 26 – CENTER	CEILING 2'X4'	PRESS BOARD	CREAM	INTACT	0.00	LCP
42.	CR 26 – CENTER	CEILING GRID	METAL	CREAM	INTACT	0.00	LCP
43.	CR 26 – NORTH SIDE	CEILING 12"	PRESS BOARD	CREAM	INTACT	0.00	LCP
44.	CR 26 – NORTH SIDE	WINDOW SILL	WOOD	CREAM	INTACT	0.50	LCP
45.	CR 26 – NORTH SIDE	WINDOW	WOOD	CREAM	INTACT	0.50	LCP
46.	CR 26 – EAST SIDE	WALL	WOOD	CREAM	INTACT	0.05	LCP
47.	SW GIRLS RR – WEST SIDE	LOWER WALL	CERAMIC TILE	CREAM	INTACT	4.90	LBP
48.	SW GIRLS RR – CENTER	FLOOR	CERAMIC TILE	BROWNS	INTACT	0.01	LCP
49.	SW GIRLS RR – SOUTH SIDE	UPPER WALL	PLASTER	CREAM	INTACT	0.00	LCP
EXTERIOR BUILDING K							
50.	WEST SIDE	DRINKING FOUNTAIN	PORCELAIN	WHITE	INTACT	0.13	LCP
51.	SOUTH SIDE EAST END	WALL	STUCCO	CREAM	INTACT	0.12	LCP

YES Environmental, Inc.

1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Date	12-6-2022	Start Time	5 pm	Beginning Calibration	1.04 =	1.00	1.04 =	1.00	1.04 =	0.90	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	12-6-2022	End Time	9:30 pm	Ending Calibration	1.04 =	0.80	1.04 =	0.90	1.04 =	1.10	

NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM^2	
EXTERIOR BUILDING K CONTINUED							
52.	SOUTH SIDE CENTER	VERTICAL ROUND POLE	METAL	GREEN	FAIR	0.02	LCP
53.	SOUTH SIDE CENTER	ROOF DECK	WOOD	CREAM	FAIR	0.01	LCP
54.	SOUTH SIDE CENTER	FASCIA	WOOD	GREEN	FAIR	0.01	LCP
55.	SOUTH SIDE CENTER	CEILING JOIST	WOOD	CREAM	FAIR	0.01	LCP
56.	SOUTH SIDE CENTER	DRIP EDGE	METAL	GREEN	INTACT	0.00	LCP
57.	SOUTH SIDE CENTER	HEADER BEAM	WOOD	WOOD	FAIR	0.01	LCP
58.	SOUTH SIDE CENTER	L-BRACKET	METAL	CREAM	INTACT	0.11	LCP
59.	NORTH SIDE EAST SIDE	WINDOW SILL	WOOD	CREAM	FAIR	0.12	LCP
60.	NORTH SIDE CENTER	WINDOW	METAL	CREAM	FAIR	0.40	LCP
61.	NORTH SIDE CENTER	MULLION	METAL	CREAM	FAIR	0.40	LCP
62.	NORTH SIDE EAST END	LOUVER	METAL	CREAM	FAIR	0.00	LCP
63.	NORTH SIDE EAST END	PIPE CHASE COVER	METAL	CREAM	FAIR	0.00	LCP
64.	NORTH SIDE CENTER	DOOR	METAL	GREEN	FAIR	0.25	LCP
65.	NORTH SIDE	WALL	STUCCO	CREAM	FAIR	0.00	LCP

YES Environmental, Inc.

1201 24th Street, Suite B110-377, Bakersfield, CA 93301 / (661) 527-0820

Date	12-6-2022	Start Time	5 pm	Beginning Calibration	1.04 =	1.00	1.04 =	1.00	1.04 =	0.90	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	12-6-2022	End Time	9:30 pm	Ending Calibration	1.04 =	0.80	1.04 =	0.90	1.04 =	1.10	

NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM^2	
EXTERIOR BUILDING CR 27 R1							
66.	SOUTH SIDE	DRIP EDGE	METAL	GREEN	FAIR	0.01	LCP
67.	SOUTH SIDE CENTER	SMALL FASCIA	WOOD	GREEN	INTACT	0.40	LCP
68.	SOUTH SIDE CENTER	LARGE FASCIA	WOOD	GREEN	FAIR	0.23	LCP
69.	NORTH SIDE CENTER	EAVE	WOOD	CREAM	INTACT	0.16	LCP
70.	WEST SIDE CENTER	WALL	WOOD	CREAM	FAIR	0.02	LCP
71.	NORTH SIDE	HAND RAIL	METAL	GREEN	FAIR	0.00	LCP
72.	NORTH SIDE	WINDOW TRIM	WOOD	CREAM	FAIR	0.26	LCP
73.	NORTH SIDE EAST END	WINDOW	METAL	CREAM	FAIR	0.29	LCP
74.	NORTH SIDE	DOOR TRIM	WOOD	GREEN	FAIR	0.00	LCP
75.	NORTH SIDE	DOOR	METAL	GREEN	FAIR	0.00	LCP
INTERIOR BUILDING R1 – CR 27							
76.	NORTH RM - NORTH SIDE	WINDOW SILL	WOOD	CREAM	FAIR	0.02	LCP
77.	NORTH RM - NORTH SIDE EAST	WINDOW SIDE	WOOD	CREAM	GOOD	0.29	LCP
78.	NORTH RM - NORTH SIDE EAST END	WINDOW FRAME	METAL	CREAM	INTACT	0.08	LCP
79.	NORTH RM - EAST SIDE	WALL	WOOD	GREEN	INTACT	0.17	LCP

Date	12-6-2022	Start Time	5 pm	Beginning Calibration	1.04 =	1.00	1.04 =	1.00	1.04 =	0.90	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	12-6-2022	End Time	9:30 pm	Ending Calibration	1.04 =	0.80	1.04 =	0.90	1.04 =	1.10	

NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM^2	
INTERIOR BUILDING R1 – CR 27 CONTINUED							
80.	NORTH RM – WEST SIDE	WALL	WOOD	ORANGE	INTACT	0.01	LCP
81.	NORTH RM – CENTER	CEILING 12”	PRESS BOARD	CREAM	INTACT	0.00	LCP
82.	SW OFFICE – SOUTH SIDE	VERTICAL SQUARE POST	WOOD	CREAM	INTACT	0.60	LCP
83.	MIDDLE OFFICE – CENTER	CEILING TILE 2’X4’	PRESS BOARD	WHITE	INTACT	0.00	LCP
84.	MIDDLE OFFICE – CENTER	CEILING GRID	METAL	WHITE	INTACT	0.00	LCP
85.	SE OFFICE	DOOR WINDOW FRAME	METAL	BLACK	INTACT	0.00	LCP

End of XRF report.

LEAD HAZARD EVALUATION REPORT

Section 1 — Date of Lead Hazard Evaluation 12/06/2022

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
2400 Truxtun Ave.	Bakersfield	Kern	93301

Construction date (year) of structure	Type of structure	Children living in structure?
Unknown	☐ Multi-unit building ☑ School or daycare ☐ Single family dwelling ☐ Other _____	☐ Yes ☑ No ☐ 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	Kristy Yowell	3.24.23

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 specifc 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

CDPH 8552 (6/07)

Attachment C – Chain of Custody & Laboratory Results

YES Environmental Services, 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: kristy@yowellenvironmental.com & allen@yowellenvironmental.com	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Disperson Staining	
Date Samples Collected	11/30/2022	72 HR TAT	
Job # & Client	22YES-72 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Franklin ES – MOD Inspection Rooms 22-27		
Submitted By	Kristy Yowell	Date	12/1/2022
Received By		Date	

SAMPLE ID	1st LINE: MATERIAL DESCRIPTION – 2ND LINE: SAMPLE LOCATION
22YES-72-01A	FLOOR TILE & YELLOW GLUE – 12" OLDER CREAM OATMEAL
	BLDG J – ROOM 22 – WEST SIDE SOUTH END
22YES-72-01B	FLOOR TILE & YELLOW GLUE – 12" OLDER CREAM OATMEAL
	BLDG K – ROOM 25 – SW AREA
22YES-72-02A	FLOOR TILE & YELLOW GLUE – 12" NEWER LT CREAM OATMEAL
	BLDG J – ROM 23 – AT UNIT VENTILATOR
22YES-72-02B	FLOOR TILE & YELLOW GLUE – 12" NEWER LT CREAM OATMEAL
	BLDG K – SOUTH EXT. BALL ROOM – AT EXISTING DAMAGE
22YES-72-03A	CARPET & GLUE – TAN W/BLACK/BLUE/GREY SPOTS
	BLDG J – ROOM 22 – NE CORNER
22YES-72-03B	CARPET & GLUE – TAN W/BLACK/BLUE/GREY SPOTS
	BLDG K – ROOM 26 – SW AREA
22YES-72-04A	CONCEALED TAN TILE & BLACK MASTIC
	BLDG J – RM 22 – NE CORNER
22YES-72-04B	CONCEALED TAN TILE & BLACK MASTIC
	BLDG J – ROOM 24 – SOUTH SIDE CENTER
22YES-72-04C	CONCEALED TAN TILE & BLACK MASTIC
	BLDG K -CR 25 – SW AREA
22YES-72-05A	BASEBOARD & BROWN GLUES – 4" LT BROWN
	BLDG J – ROOM 23 – NORTH SIDE CENTER

12.05.22 9am
Received Thomura 12/2/22 11:45 AM
Relinquished: 12-6-22 4:00PM

YES Environmental Services, 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: kristy@yowellenvironmental.com & allen@yowellenvironmental.com	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Disperson Staining	
Date Samples Collected	11/30/2022	72 HR TAT	
Job # & Client	22YES-72 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Franklin ES – MOD Inspection Rooms 22-27		
Submitted By	Kristy Yowell	Date	12/1/2022
Received By		Date	

SAMPLE ID	1st LINE: MATERIAL DESCRIPTION – 2ND LINE: SAMPLE LOCATION
22YES-72-05B	BASEBOARD & BROWN GLUES – 4" LT BROWN
	BLDG K – RM 25 – NORTH SIDE CENTER
22YES-72-06A	SOLID CREAM SHEET VINYL COUNTER TOP & GLUE
	BLDG J – ROOM 23 – WEST ANGLED COUNTER
22YES-72-06B	SOLID CREAM SHEET VINYL COUNTER TOP & GLUE
	BLDG K – RM 25 – WEST ANGLED COUNTER
22YES-72-07A	TACKBOARD & BROWN GLUE
	BLDG J – RM 24 – WEST WALL NORTH END
22YES-72-07B	TACKBOARD & BROWN GLUE
	BLDG J – RM 22 – EAST WALL NORTH END
22YES-72-07C	TACKBOARD & BROWN GLUE
	BLDG K – RM 26 – SOUTH WALL AT DOOR
22YES-72-08A	LAY-IN PANEL 2'X4' GOUGE PINHOLE
	BLDG J – RM 23 – WEST WALL CENTER
22YES-72-08B	LAY-IN PANEL 2'X4' GOUGE PINHOLE
	BLDG K – RM 26 – EAST SIDE CENTER
22YES-72-09A	FIBERGLASS BATT INSULATION – FOIL BACKING
	BLDG J – RM 23 – WEST SIDE CENTER OF CEILING
22YES-72-09B	FIBERGLASS BATT INSULATION – FOIL BACKING
	BLDG K – CR 26 – EAST SIDE CENTER OF CEILING

CE (2x2) 12-05-22 JAM

Relinquished: RG for 12-6-22 4:00pm

YES Environmental Services, 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: kristy@yowellenvironmental.com & allen@yowellenvironmental.com	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Disperson Staining	
Date Samples Collected	11/30/2022	72 HR TAT	
Job # & Client	22YES-72 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Franklin ES – MOD Inspection Rooms 22-27		
Submitted By	Kristy Yowell	Date	12/1/2022
Received By		Date	

SAMPLE ID	1st LINE: MATERIAL DESCRIPTION – 2ND LINE: SAMPLE LOCATION
22YES-72-10A	ACOUSTIC CEILING TILE & BROWN GLUE – 12" RANDOM HOLE PATTERN
	BLDG J – RM 22 – NE AREA OF ORIGINAL CEILING
22YES-72-10B	ACOUSTIC CEILING TILE & BROWN GLUE – 12" RANDOM HOLE PATTERN
	BLDG J – RM 24 – EAST SIDE CENTER OF ORIGINAL CEILING
22YES-72-10C	ACOUSTIC CEILING TILE & BROWN GLUE – 12" RANDOM HOLE PATTERN
	BLDG K – RM 25 – WEST SIDE CENTER OF ORIGINAL CEILING
22YES-72-11A	UNFINISHED DRYWALL (NO T&J)
	BLDG J – RM 22 – NE AREA OF ORIGINAL CEILING
22YES-72-11B	UNFINISHED DRYWALL (NO T&J)
	BLDG J – RM 24 – EAST SIDE CENTER OF ORIGINAL CEILING
22YES-72-11C	UNFINISHED DRYWALL (NO T&J)
	BLDG K – RM 25 – WEST SIDE CENTER OF ORIGINAL CEILING
22YES-72-12A	FIBERGLASS BATT INSULATION – W/PAPER BACKING
	BLDG J – RM 22 – NE AREA OF UPPERMOST CEILING
22YES-72-12B	FIBERGLASS BATT INSULATION – W/PAPER BACKING
	BLDG K – RM 25 – WEST SIDE OF UPPERMOST CEILING
22YES-72-12C	FIBERGLASS BATT INSULATION – W/PAPER BACKING
	PR1 (CR 27) – NORTH ROOM – WEST SIDE CENTER
22YES-72-13A	CERAMIC FLOOR TILE GROUT – BROWN (1"X2" BROWNS)
	BLDG K – RR B (BOY'S) – NORTH SIDE CENTER

CC (RG) 12.05.22 9AM

Relinquished: RG Fx 12-6-22 4:00PM

YES Environmental Services, 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: kristy@yowellenvironmental.com & allen@yowellenvironmental.com	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Disperson Staining	
Date Samples Collected	11/30/2022	72 HR TAT	
Job # & Client	22YES-72 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Franklin ES – MOD Inspection Rooms 22-27		
Submitted By	Kristy Yowell	Date	12/1/2022
Received By		Date	

SAMPLE ID	1st LINE: MATERIAL DESCRIPTION – 2ND LINE: SAMPLE LOCATION
22YES-72-14A	CERAMIC WALL TILE GROUT – WHITE (4"X6" CREAM W/GOLD)
	BLDG K – RR B (BOY'S) – NORTH WALL EAST END
22YES-72-16A	PLASTER – SANDED FINISH – PAINTED
	BLDG K – EXT. BALL ROOM – WEST WALL SOUTH END
22YES-72-17A	EXTERIOR WINDOW PUTTY – GREY
	BLDG J – NORTH WALL EAST END
22YES-72-17B	EXTERIOR WINDOW PUTTY – GREY
	BLDG J – SOUTH UPPER WINDOW NEAR CR 22
22YES-72-17C	EXTERIOR WINDOW PUTTY – GREY
	BLDG K – NORTH WALL EAST END
22YES-72-17D	EXTERIOR WINDOW PUTTY - GREY
	BLDG K – SOUTH SIDE WEST END
22YES-72-18A	EXTERIOR WINDOW PUTTY
	PR1 (CR 27) – SOUTH SIDE WEST END
22YES-72-18B	EXTERIOR WINDOW PUTTY
	PR1 (CR 27) – NORTH SIDE CENTER
22YES-72-19A	CARPET & GLUE – BLUE/RED/CREAM/GREEN MULTI
	PR1 (CR 27) – NORTH ROOM – WEST SIDE CENTER
22YES-72-20A	BASEBOARD & GLUE 4" BLACK
	PR1 (CR 27) – NORTH ROOM - NW AREA

CJE (efx2) 12·05·22 9Am

Relinquished: RG Fx 12-6-22 4:00Pm

YES Environmental Services, 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: kristy@yowellenvironmental.com & allen@yowellenvironmental.com	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Disperson Staining	
Date Samples Collected	11/30/2022	72 HR TAT	
Job # & Client	22YES-72 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Franklin ES – MOD Inspection Rooms 22-27		
Submitted By	Kristy Yowell (KY)	Date	12/1/2022
Received By		Date	

SAMPLE ID	1st LINE: MATERIAL DESCRIPTION – 2ND LINE: SAMPLE LOCATION
22YES-72-21A	BASEBOARD & GLUE 4" BLUE
	PR1 (CR 27) – SE OFFICE – SE AREA
22YES-72-22A	CONCEALED TILE, BLACK MASTIC, VAPOR BARRIER & BLACK MASTIC
	PR1 (CR 27) – NORTH ROOM – NW AREA
22YES-72-22B	CONCEALED TILE, BLACK MASTIC, VAPOR BARRIER & BLACK MASTIC
	PR1 (CR 27) – SE OFFICE – WEST SIDE CENTER
22YES-72-23A	TACKBOARD & GLUE
	PR1 (CR 27) – SE OFFICE – NORTH WALL ABOVE CEILING TILES
22YES-72-24A	DRYWALL, TAPE & JOINT COMPOUND
	PR1 (CR 27) – SE OFFICE – NORTH WALL ABOVE CEILING TILES
22YES-72-25A	ACOUSTIC CEILING TILE 12" UNIFORM HOLE (NAILED)
	PR1 (CR27) – NORTH ROOM – WEST SIDE OF CEILING
22YES-72-26A	GREY SINK COATING
	PR1 (CR 27) – NORTH ROOM – UNDER STAINLESS-STEEL SINK
22YES-72-27A	WHITE COATED FOAM ROOFING ON SHINGLED ROOFING & FELTS
	PR1 (CR 27) – ROOF – NORTH SIDE CENTER
22YES-72-27B	WHITE COATED FOAM ROOFING ON SHINGLED ROOFING & FELTS
	PR1 (CR 27) – ROOF – SW AREA
22YES-72-30A	WHITE COATED FOAM ROOFING ON SILVER PAINT ON ROLLED COMPOSITION ROOFING
	BLDG J – ROOF – CR 23 CENTER

C76 (efx2) 12-05-22 9Am

Relinquished RG Fx 12-6-22 4:00PM

YES Environmental Services, 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: kristy@yowellenvironmental.com & allen@yowellenvironmental.com	TYPE OF ANALYSIS AND TURN AROUND TIME	
Collected By	Kristy Yowell	PLM with Disperson Staining	
Date Samples Collected	11/30/2022	72 HR TAT	
Job # & Client	22YES-72 Bakersfield City School District	LAB	LA TESTING
Job Site Name & Description	Franklin ES – MOD Inspection Rooms 22-27		
Submitted By	Kristy Yowell (KY)	Date	12/1/2022
Received By		Date	

SAMPLE ID	1st LINE: MATERIAL DESCRIPTION – 2ND LINE: SAMPLE LOCATION
22YES-72-30B	WHITE COATED FOAM ROOFING ON SILVER PAINT ON ROLLED COMPOSITION ROOFING
	BLDG K – CR 25 ROOF – CENTER
22YES-72-31A	WHITE COATING ON SILVER PAINT
	BLDG J – CR 23 – ON NW ROOF PIPE

CTO (ELY3) 12·05·22 9AM

Relinquished: RG Fx 12-6-22 4:00PM

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EMSL Order: 472200225
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: 12/07/2022 3:08 PM
Analysis Date: 12/07/2022 - 12/09/2022
Collected Date: 11/30/2022

Project: 22YES-72 BAKERSFIELD CITY SCHOOL DISTRICT

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
22YES-72-01A-Floor Tile *472200225-0001*	BLDG J - ROOM 22 - WEST SIDE SOUTH END - FLOOR TILE & YELLOW GLUE - 12" OLDER CREAM OATMEAL	White Non-Fibrous Homogeneous		20% Ca Carbonate 80% Non-fibrous (Other)	None Detected
22YES-72-01A-Glue *472200225-0001A*	BLDG J - ROOM 22 - WEST SIDE SOUTH END - FLOOR TILE & YELLOW GLUE - 12" OLDER CREAM OATMEAL	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-01B-Floor Tile *472200225-0002*	BLDG K - ROOM 25 - SW AREA - FLOOR TILE & YELLOW GLUE - 12" OLDER CREAM OATMEAL	White Non-Fibrous Homogeneous		20% Ca Carbonate 80% Non-fibrous (Other)	None Detected
22YES-72-01B-Glue *472200225-0002A*	BLDG K - ROOM 25 - SW AREA - FLOOR TILE & YELLOW GLUE - 12" OLDER CREAM OATMEAL	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-02A-Floor Tile *472200225-0003*	BLDG J - ROOM 23 - AT UNIT VENTILATOR - FLOOR TILE & YELLOW GLUE - 12" NEWER LT CREAM OATMEAL	White Non-Fibrous Homogeneous		20% Ca Carbonate 80% Non-fibrous (Other)	None Detected
22YES-72-02A-Glue *472200225-0003A*	BLDG J - ROOM 23 - AT UNIT VENTILATOR - FLOOR TILE & YELLOW GLUE - 12" NEWER LT CREAM OATMEAL	Clear Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-02B-Floor Tile *472200225-0004*	BLDG K - SOUTH EXT. BALL ROOM - AT EXISTING DAMAGE - FLOOR TILE & YELLOW GLUE - 12" NEWER LT CREAM OATMEAL	White Non-Fibrous Homogeneous		20% Ca Carbonate 80% Non-fibrous (Other)	None Detected
22YES-72-02B-Glue *472200225-0004A*	BLDG K - SOUTH EXT. BALL ROOM - AT EXISTING DAMAGE - FLOOR TILE & YELLOW GLUE - 12" NEWER LT CREAM OATMEAL	Clear Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected

Initial report from: 12/08/2022 09:13:02

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EMSL Order: 472200225
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

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
22YES-72-03A-Carpet *472200225-0005*	BLDG J - ROOM 22 - NE CORNER - CARPET & GLUE - TAN W/BLACK/BLUE/GREY SPOTS	Various Fibrous Homogeneous	40% Synthetic	60% Non-fibrous (Other)	None Detected
22YES-72-03A-Glue *472200225-0005A*	BLDG J - ROOM 22 - NE CORNER - CARPET & GLUE - TAN W/BLACK/BLUE/GREY SPOTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-03B-Carpet *472200225-0006*	BLDG K - ROOM 26 - SW AREA - CARPET & GLUE - TAN W/BLACK/BLUE/GREY SPOTS	Various Fibrous Homogeneous	40% Synthetic	60% Non-fibrous (Other)	None Detected
22YES-72-03B-Glue *472200225-0006A*	BLDG K - ROOM 26 - SW AREA - CARPET & GLUE - TAN W/BLACK/BLUE/GREY SPOTS	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-04A-Floor Tile *472200225-0007*	BLDG J - RM 22 - NE CORNER - CONCEALED TAN TILE & BLACK MASTIC	Brown Non-Fibrous Homogeneous		80% Matrix 15% Non-fibrous (Other)	5% Chrysotile
22YES-72-04A-Mastic *472200225-0007A*	BLDG J - RM 22 - NE CORNER - CONCEALED TAN TILE & BLACK MASTIC	Black Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-04B-Floor Tile *472200225-0008*	BLDG J - ROOM 24 - SOUTH SIDE CENTER - CONCEALED TAN TILE & BLACK MASTIC	Brown Non-Fibrous Homogeneous		80% Matrix 15% Non-fibrous (Other)	5% Chrysotile
22YES-72-04B-Mastic *472200225-0008A*	BLDG J - ROOM 24 - SOUTH SIDE CENTER - CONCEALED TAN TILE & BLACK MASTIC	Black Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-04C-Floor Tile *472200225-0009*	BLDG K - CR 25 - SW AREA - CONCEALED TAN TILE & BLACK MASTIC	Tan Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-72-04C-Mastic *472200225-0009A*	BLDG K - CR 25 - SW AREA - CONCEALED TAN TILE & BLACK MASTIC	Black Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-05A-Baseboard *472200225-0010*	BLDG J - ROOM 23 - NORTH SIDE CENTER - BASEBOARD & BROWN GLUES - 4" LT BROWN	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected

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EMSL Order: 472200225
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

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
22YES-72-05A-Glue *472200225-0010A*	BLDG J - ROOM 23 - NORTH SIDE CENTER - BASEBOARD & BROWN GLUES - 4" LT BROWN	Brown/White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-05B-Baseboard *472200225-0011*	BLDG K - RM 25 - NORTH SIDE CENTER - BASEBOARD & BROWN GLUES - 4" LT BROWN	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-05B-Glue *472200225-0011A*	BLDG K - RM 25 - NORTH SIDE CENTER - BASEBOARD & BROWN GLUES - 4" LT BROWN	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-06A-Sheet Vinyl *472200225-0012*	BLDG J - ROOM 23 - WEST ANGLED COUNTER - SOLID CREAM SHEET VINYL COUNTER TOP & GLUE	White Fibrous Homogeneous	15% Cellulose 5% Synthetic	80% Non-fibrous (Other)	None Detected
22YES-72-06A-Glue *472200225-0012A*	BLDG J - ROOM 23 - WEST ANGLED COUNTER - SOLID CREAM SHEET VINYL COUNTER TOP & GLUE	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-06B-Sheet Vinyl *472200225-0013*	BLDG K - RM 25 - WEST ANGLED COUNTER - SOLID CREAM SHEET VINYL COUNTER TOP & GLUE	White Fibrous Homogeneous	15% Cellulose 5% Synthetic	80% Non-fibrous (Other)	None Detected
22YES-72-06B-Glue *472200225-0013A*	BLDG K - RM 25 - WEST ANGLED COUNTER - SOLID CREAM SHEET VINYL COUNTER TOP & GLUE	Brown/Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-07A-Tackboard *472200225-0014*	BLDG J - RM 24 - WEST WALL NORTH END - TACKBOARD & BROWN GLUE	Various Fibrous Homogeneous	80% Cellulose 5% Synthetic 5% Glass	10% Non-fibrous (Other)	None Detected
22YES-72-07A-Glue *472200225-0014A*	BLDG J - RM 24 - WEST WALL NORTH END - TACKBOARD & BROWN GLUE	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-07B-Tackboard *472200225-0015*	BLDG J - RM 22 - EAST WALL NORTH END - TACKBOARD & BROWN GLUE	Various Fibrous Homogeneous	80% Cellulose 5% Synthetic 5% Glass	10% Non-fibrous (Other)	None Detected
22YES-72-07B-Glue *472200225-0015A*	BLDG J - RM 22 - EAST WALL NORTH END - TACKBOARD & BROWN GLUE	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected

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EMSL Order: 472200225
Customer ID: YWEL75
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Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
22YES-72-07C-Tackboard *472200225-0016*	BLDG K - RM 26 - SOUTH WALL AT DOOR - TACKBOARD & BROWN GLUE	Various Fibrous Homogeneous	80% Cellulose 5% Synthetic 5% Glass	10% Non-fibrous (Other)	None Detected
22YES-72-07C-Glue *472200225-0016A*	BLDG K - RM 26 - SOUTH WALL AT DOOR - TACKBOARD & BROWN GLUE	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-08A *472200225-0017*	BLDG J - RM 23 - WEST WALL CENTER - LAY-IN PANEL 2'X4' GOUGE PINHOLE	Beige Fibrous Homogeneous	75% Cellulose 5% Glass	20% Non-fibrous (Other)	None Detected
22YES-72-08B *472200225-0018*	BLDG K - RM 26 - EAST SIDE CENTER - LAY-IN PANEL 2'X4' GOUGE PINHOLE	Beige Fibrous Homogeneous	75% Cellulose 5% Glass	20% Non-fibrous (Other)	None Detected
22YES-72-09A *472200225-0019*	BLDG J - RM 23 - WEST SIDE CENTER OF CEILING - FIBERGLASS BATT INSULATION - FOIL BACKING	White Fibrous Homogeneous	90% Glass	10% Non-fibrous (Other)	None Detected
22YES-72-09B *472200225-0020*	BLDG K - CR 26 - EAST SIDE CENTER OF CEILING - FIBERGLASS BATT INSULATION - FOIL BACKING	White Fibrous Homogeneous	90% Glass	10% Non-fibrous (Other)	None Detected
22YES-72-10A-Ceiling Tile *472200225-0021*	BLDG J - RM 22 - NE AREA OF ORIGINAL CEILING - ACOUSTIC CEILING TILE & BROWN GLUE - 12" RANDOM HOLE PATTERN	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
22YES-72-10A-Glue *472200225-0021A*	BLDG J - RM 22 - NE AREA OF ORIGINAL CEILING - ACOUSTIC CEILING TILE & BROWN GLUE - 12" RANDOM HOLE PATTERN	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-10B-Ceiling Tile *472200225-0022*	BLDG J - RM 24 - EAST SIDE CENTER OF ORIGINAL CEILING - ACOUSTIC CEILING TILE & BROWN GLUE - 12" RANDOM HOLE PATTERN	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected

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EMSL Order: 472200225
Customer ID: YWEL75
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Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
22YES-72-10B-Glue *472200225-0022A*	BLDG J - RM 24 - EAST SIDE CENTER OF ORIGINAL CEILING - ACOUSTIC CEILING TILE & BROWN GLUE - 12" RANDOM HOLE PATTERN	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-10C-Ceiling Tile *472200225-0023*	BLDG K - RM 25 - WEST SIDE CENTER OF ORIGINAL CEILING - ACOUSTIC CEILING TILE & BROWN GLUE - 12" RANDOM HOLE PATTERN	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
22YES-72-10C-Glue *472200225-0023A*	BLDG K - RM 25 - WEST SIDE CENTER OF ORIGINAL CEILING - ACOUSTIC CEILING TILE & BROWN GLUE - 12" RANDOM HOLE PATTERN	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-11A *472200225-0024*	BLDG J - RM 22 - NE AREA OF ORIGINAL CEILING - UNFINISHED DRYWALL	White Non-Fibrous Homogeneous		80% Gypsum 18% Non-fibrous (Other)	2% Chrysotile
22YES-72-11B *472200225-0025*	BLDG J - RM 24 - EAST SIDE CENTER OF ORIGINAL CEILING - UNFINISHED DRYWALL	White Non-Fibrous Homogeneous		80% Gypsum 18% Non-fibrous (Other)	2% Chrysotile
22YES-72-11C *472200225-0026*	BLDG K - RM 25 - WEST SIDE CENTER OF ORIGINAL CEILING - UNFINISHED DRYWALL	White Non-Fibrous Homogeneous		80% Gypsum 18% Non-fibrous (Other)	2% Chrysotile
22YES-72-12A *472200225-0027*	BLDG J - RM 22 - NE AREA OF UPPERMOST CEILING - FIBERGLASS BATT INSULATION - W/PAPER BACKING	Tan/Yellow Fibrous Heterogeneous	5% Cellulose 90% Glass	5% Non-fibrous (Other)	None Detected
22YES-72-12B *472200225-0028*	BLDG K - RM 25 - WEST SIDE OF UPPERMOST CEILING - FIBERGLASS BATT INSULATION - W/PAPER BACKING	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

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
22YES-72-12C *472200225-0029*	PR1 (CR 27) - NORTH ROOM - WEST SIDE CENTER - FIBERGLASS BATT INSULATION - W/PAPER BACKING	Tan/White Fibrous Homogeneous	5% Cellulose 90% Glass	5% Non-fibrous (Other)	None Detected
22YES-72-13A *472200225-0030*	BLDG K - RR B (BOY'S) - NORTH SIDE CENTER - CERAMIC FLOOR TILE GROUT - BROWN	Gray Non-Fibrous Homogeneous		20% Quartz 60% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-14A *472200225-0031*	BLDG K - RRB (BOY'S) - NORTH WALL EAST END - CERAMIC WALL TILE GROUT - WHITE	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-16A *472200225-0032*	BLDG K - EXT. BALL ROOM - WEST WALL SOUTH END - PLASTER - SANDED FINISH - PAINTED	Beige Non-Fibrous Homogeneous		20% Quartz 60% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-17A *472200225-0033*	BLDG J - NORTH WALL EAST END - EXTERIOR WINDOW PUTTY - GREY	Gray Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
22YES-72-17B *472200225-0034*	BLDG J - SOUTH UPPER WINDOW NEAR CR 22 - EXTERIOR WINDOW PUTTY - GREY	Gray Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
22YES-72-17C *472200225-0035*	BLDG K - NORTH WALL EAST END - EXTERIOR WINDOW PUTTY - GREY	Gray Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
22YES-72-17D *472200225-0036*	BLDG K - SOUTH SIDE WEST END - EXTERIOR WINDOW PUTTY - GREY	Gray Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
22YES-72-18A *472200225-0037*	PR1 (CR 27) - SOUTH SIDE WEST END - EXTERIOR WINDOW PUTTY - GREY	Gray Non-Fibrous Homogeneous		80% Ca Carbonate 18% Non-fibrous (Other)	2% Chrysotile
22YES-72-18B *472200225-0038*	PR1 (CR 27) - NORTH SIDE CENTER - EXTERIOR WINDOW PUTTY - GREY	Gray Non-Fibrous Homogeneous		80% Ca Carbonate 18% Non-fibrous (Other)	2% Chrysotile
22YES-72-19A-Carpet *472200225-0039*	PR1 (CR 27) - NORTH ROOM - WEST SIDE CENTER - CARPET & GLUE - BLUE/RED/CREAM/ GREEN MULTI	Various Fibrous Homogeneous	40% Synthetic	60% Non-fibrous (Other)	None Detected

Initial report from: 12/08/2022 09:13:02

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
22YES-72-19A-Glue *472200225-0039A*	PR1 (CR 27) - NORTH ROOM - WEST SIDE CENTER - CARPET & GLUE - BLUE/RED/CREAM/ GREEN MULTI	Clear Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-20A-Baseboard *472200225-0040*	PR1 (CR 27) - NORTH ROOM - NW AREA - BASEBOARD & GLUE 4" BLACK	Black Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-20A-Glue *472200225-0040A*	PR1 (CR 27) - NORTH ROOM - NW AREA - BASEBOARD & GLUE 4" BLACK	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-21A-Baseboard *472200225-0041*	PR1 (CR 27) - SE OFFICE - SE AREA - BASEBOARD & GLUE 4" BLUE	Blue Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-21A-Glue *472200225-0041A*	PR1 (CR 27) - SE OFFICE - SE AREA - BASEBOARD & GLUE 4" BLUE	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-22A-Vapor Barrier *472200225-0042*	PR1 (CR 27) - NORTH ROOM - NW AREA - CONCEALED TILE, BLACK MASTIC, VAPOR BARRIER & BLACK MASTIC	Black Fibrous Homogeneous	50% Cellulose	50% Non-fibrous (Other)	None Detected
22YES-72-22A-Mastic *472200225-0042A*	PR1 (CR 27) - NORTH ROOM - NW AREA - CONCEALED TILE, BLACK MASTIC, VAPOR BARRIER & BLACK MASTIC	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-22B-Vapor Barrier *472200225-0043*	PR1 (CR 27) - SE OFFICE - WEST SIDE CENTER - CONCEALED TILE, BLACK MASTIC, VAPOR BARRIER & BLACK MASTIC	Black Fibrous Homogeneous	50% Cellulose	50% Non-fibrous (Other)	None Detected
22YES-72-22B-Mastic *472200225-0043A*	PR1 (CR 27) - SE OFFICE - WEST SIDE CENTER - CONCEALED TILE, BLACK MASTIC, VAPOR BARRIER & BLACK MASTIC	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-22B-Floor Tile *472200225-0043B*	PR1 (CR 27) - SE OFFICE - WEST SIDE CENTER - CONCEALED TILE, BLACK MASTIC, VAPOR BARRIER & BLACK MASTIC	Tan Non-Fibrous Homogeneous		80% Matrix 15% Non-fibrous (Other)	5% Chrysotile

Initial report from: 12/08/2022 09:13:02

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

EMSL Order: 472200225
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

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
22YES-72-23A-Tackboard *472200225-0044*	PR1 (CR 27) - SE OFFICE - NORTH WALL ABOVE CEILING TILES - TACKBOARD & GLUE	Tan/White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
22YES-72-23A-Glue *472200225-0044A*	PR1 (CR 27) - SE OFFICE - NORTH WALL ABOVE CEILING TILES - TACKBOARD & GLUE	Tan Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-24A-Drywall *472200225-0045*	PR1 (CR 27) - SE OFFICE - NORTH WALL ABOVE CEILING TILES - DRYWALL, TAPE & JOINT COMPOUND	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
22YES-72-24A-Joint Compound *472200225-0045A*	PR1 (CR 27) - SE OFFICE - NORTH WALL ABOVE CEILING TILES - DRYWALL, TAPE & JOINT COMPOUND	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
22YES-72-25A *472200225-0046*	PR1 (CR 27) - NORTH ROOM - WEST SIDE OF CEILING - ACOUSTIC CEILING TILE 12" UNIFORM HOLE	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
22YES-72-26A *472200225-0047*	PR1 (CR 27) - NORTH ROOM - UNDER STAINLESS-STEEL SINK - GREY SINK COATING	Gray Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-27A-Foam *472200225-0048*	PR1 (CR 27) - ROOF - NORTH SIDE CENTER - WHITE COATED FOAM ROOFING ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-27A-Shingle *472200225-0048A*	PR1 (CR 27) - ROOF - NORTH SIDE CENTER - WHITE COATED FOAM ROOFING ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	10% Cellulose 10% Glass	80% Non-fibrous (Other)	None Detected
22YES-72-27A-Felt *472200225-0048B*	PR1 (CR 27) - ROOF - NORTH SIDE CENTER - WHITE COATED FOAM ROOFING ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	50% Cellulose	50% Non-fibrous (Other)	None Detected

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EMSL Order: 472200225
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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
22YES-72-27B-Foam *472200225-0049*	PR1 (CR 27) - ROOF - SW AREA - WHITE COATED FOAM ROOFING ON SHINGLED ROOFING & FELTS	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-27B-Shingle *472200225-0049A*	PR1 (CR 27) - ROOF - SW AREA - WHITE COATED FOAM ROOFING ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	10% Cellulose 10% Glass	80% Non-fibrous (Other)	None Detected
22YES-72-27B-Felt *472200225-0049B*	PR1 (CR 27) - ROOF - SW AREA - WHITE COATED FOAM ROOFING ON SHINGLED ROOFING & FELTS	Black Fibrous Homogeneous	50% Cellulose	50% Non-fibrous (Other)	None Detected
22YES-72-30A-Coating *472200225-0050*	BLDG J - ROOF - CR 23 CENTER - WHITE COATED FOAM ROOFING ON SILVER PAINT ON ROLLED COMPOSITION ROOFING	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-30A-Foam *472200225-0050A*	BLDG J - ROOF - CR 23 CENTER - WHITE COATED FOAM ROOFING ON SILVER PAINT ON ROLLED COMPOSITION ROOFING	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-30A-Silver Paint *472200225-0050B*	BLDG J - ROOF - CR 23 CENTER - WHITE COATED FOAM ROOFING ON SILVER PAINT ON ROLLED COMPOSITION ROOFING				Layer Not Present
22YES-72-30A-Roofing *472200225-0050C*	BLDG J - ROOF - CR 23 CENTER - WHITE COATED FOAM ROOFING ON SILVER PAINT ON ROLLED COMPOSITION ROOFING	Black Non-Fibrous Homogeneous	10% Cellulose	70% Non-fibrous (Other)	20% Chrysotile
22YES-72-30B-Coating *472200225-0051*	BLDG K - CR 25 ROOF - CENTER - WHITE COATED FOAM ROOFING ON SILVER PAINT ON ROLLED COMPOSITION ROOFING	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

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
22YES-72-30B-Foam *472200225-0051A*	BLDG K - CR 25 ROOF - CENTER - WHITE COATED FOAM ROOFING ON SILVER PAINT ON ROLLED COMPOSITION ROOFING	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-30B-Silver Paint *472200225-0051B*	BLDG K - CR 25 ROOF - CENTER - WHITE COATED FOAM ROOFING ON SILVER PAINT ON ROLLED COMPOSITION ROOFING	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
22YES-72-30B-Roofing *472200225-0051C*	BLDG K - CR 25 ROOF - CENTER - WHITE COATED FOAM ROOFING ON SILVER PAINT ON ROLLED COMPOSITION ROOFING	Black Fibrous Homogeneous	10% Cellulose	70% Non-fibrous (Other)	20% Chrysotile
22YES-72-31A-Coating *472200225-0052*	BLDG J - CR 23 - ON NW ROOF PIPE - WHITE COATING ON SILVER PAINT	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
22YES-72-31A-Silver Paint *472200225-0052A*	BLDG J - CR 23 - ON NW ROOF PIPE - WHITE COATING ON SILVER PAINT	Silver Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile

Analyst(s)
Jonathan Nomura (89)

Jonathan Nomura, Laboratory Manager
or Other Approved Signatory

Initial report from: 12/08/2022 09:13:02

Attachment D – Consultant & Laboratory Certifications

STATE OF CALIFORNIA Gavin Newsom, Governor

DEPARTMENT OF INDUSTRIAL RELATIONS
Division of Occupational Safety and Health-Asbestos & Carcinogen Unit
1750 Howe Avenue, Suite 460
Sacramento, CA 95825
(916) 574-2993 Office http://www.dir.ca.gov/dosh/asbestos.html actu@dir.ca.gov

903034500C **324** **326**

January 17, 2025

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,

Dean Mochrie, CAC
Senior Safety Engineer

Attachment: Certification Card

cc: File

California Department of PublicHealth

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
 **Kristy Yowell**	Lead Inspector/Assessor	LRC-00004640	2/9/2026
	Lead Supervisor	LRC-00004639	2/9/2026

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 or calling (800) 597-LEAD

STATE OF CALIFORNIA Gavin Newsom, Governor

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

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.

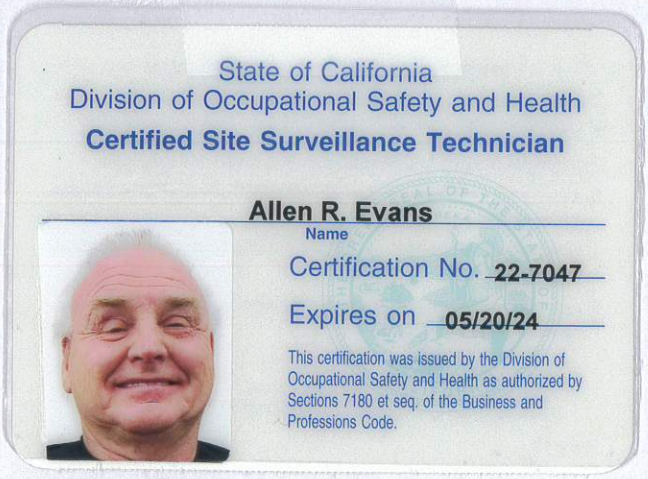
Please contact our office at the above address or email w any changes in your contact/mailing information within 15 days of the change.

Sincerely,

Kevin Graulich
Principal Safety Engineer

Attachment: Certification Card

cc: File



California Department of PublicHealth

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
 **Allen Evans**	Lead Sampling Technician	LRC-00010539	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 or calling (800) 597-LEAD

Five Minute Meeting:

Topic: PG&E Applicant Installer Pre-Qualification Requirements

Date: 10/15/2024

Audience: PG&E Applicant Installers, Gas and Electric Inspectors, Job Owners, and Clerical teams supporting new business installations

The key thing you need to know

Natural Gas and Electricity are both hazardous commodities that can result in hazards to installers, the public, and the environment if not installed, tested, and commissioned in accordance with PG&E Standards and Procedures.

Effective March 1, 2025, all Applicants and/or their Contractors installing PG&E facilities (*Applicant Installers*) must be Pre-Qualified by PG&E in order to ensure the safety, quality and compliant installation of facilities to be owned and operated by PG&E. In addition, all applicant installers installing gas facilities must have programs and documentation in place to meet 49CFR Part 199 Subparts B and C of the Department of Transportation Pipeline and Hazardous Materials Safety Drug and Alcohol Testing.

Why it matters to you

Applicant Installers will no longer be able to install PG&E facilities without obtaining and maintaining PG&E's Pre-Qualification "Safety, Quality, and Conduct Assessment" (SQCA) in *Onboard Learning Management System by Industrial Training Services (ITS*).

Prior to performing inspections on applicant-installed facilities, PG&E inspectors must validate that applicant installer personnel have completed PG&E's pre-qualification assessment by scanning the individuals ITS wallet Card (see job aid page 4 of this document)

Key discussion points

- Each applicant installer contractor will be required to register and create an account with ITS (see job aid page 5 of this document) Each individual performing or documenting work to install PG&E facilities (laborers, operators, welders, fitters, field engineers, etc.) will be required to complete an individual SQCA, available starting 11/15/24. Each individual successfully completing the assessment will be issued an ITS Wallet Card with a QR code that can be scanned by PG&E inspectors using a smart phone device to view and validate the pre-qualification in the field. For individuals and homeowners installing PG&E facilities for which the applicant, installer, and customer are one in the same, please reach out to PG&EApplicantInstallerPreQual@pge.com to obtain an ITS profile 12 weeks prior to pre-construction meeting *(Note: applicant installers already maintaining OQs required for gas installations in ITS will be able to use their existing account and wallet cards by simply adding the SQCA to the student's profile)*

- Each Applicant installer installing gas facilities will also be required to register with National Compliance Monitoring System (NCMS) and submit documentation supporting a compliant drug and alcohol testing program for any individual performing an Operator Qualified (OQ) covered task. (see job aid page 6 of this document) You must register with ITS and complete the SQCA prior to being approved to register with NCMS *(Note: NCMS is integrated with ITS to provide evidence of the individuals compliance with drug and alcohol testing on the ITS wallet card)*

- The comprehensive list of Pre-Qualified Applicant Installers *(and designers)* can be found at **Applicant Designer and Installer Qualification Program (pge.com)**

- **PG&E reserves the right to revoke applicant installer pre-qualification and ability to install PG&E assets for willful, serious, or repeated breaches of safety, poor quality, non-compliant work, or breaches of conduct. Breaches of conduct include, but are not limited to, disrespectful, offensive, or intimidating language or behavior towards PG&E personnel. Reinstatement of pre-qualification status will be considered upon submittal and adherence to a documented corrective action plan.**

Questions to ask for understanding

Q: How is the Pre-Qualification Safety, Quality, and Conduct Assessment administered?

A. The assessment is a self-guided, web-based training in ITS followed by a short quiz. Upon passing the quiz, the individual's wallet card data will be updated to show the individual is pre-qualified to install PG&E facilities. The assessment is available in both English and Spanish and is designed to be completed in less than 30minutes.

Q: I'm a PG&E inspector**,** when should I scan the applicant installer's ITS wallet card?

A. Ideally, scan the wallet card at the pre-construction meeting, but at a minimum the pre-qualification must be scanned prior to accepting work performed by the applicant installer.

Q: I'm a PG&E inspector, how often should I scan the applicant installer's ITS wallet card?

A. Prior to accepting work on each and every inspection in case an applicant installer's pre-qualification status has been revoked.

Q: I'm a PG&E inspector, I scanned the applicant installer's wallet card, but no pre-qualification showed up and they are adamant they took and passed the assessment for pre-qualification.

A. ITS is the system of record and the pre-qualification must be present when scanned to be valid. Refer the applicant installer back to their ITS administrator to resolve if the records are not populating.

Q: The applicant installer misplaced their badge, but they are adamant they are pre-qualified.

A. The ITS GO app (available through the app store) can be used to validate the pre-qualification by searching for the individual by name and company. See separate communication for "5MM ITS GO App Release for OQ"

Q: Is the Pre-Qualification an individual or company level qualification?

A. The assessment must be completed at an individual level, but the pre-qualification can be revoked at the individual and/or employer level.

Q: Where will these requirements be formally documented?

A. The January publication of the Greenbook will include the pre-qualification requirements

Q: I'm a job owner, but I'm not sure how this impacts me. What should I expect?

A. It's important to communicate with the applicants that you work with to ensure they are aware of the change in requirements when entering into contract, throughout the job progress, and again at the pre-construction meeting. It's also important to note that for jobs where the applicant, installer, and customer are one in the same, the Job Estimate needs to include ITS administration costs. Please refer to the internal PG&E Applicant Installer Pre-Qualification Teams page for up-to-date estimates. Impacted stakeholders will receive an invite to the page at a later date.

Q: My job is currently in construction but will not be finished before the effective date. Will these prequalification requirements apply to my project?

A. Yes, these requirements will be effective for any work performed after March 1st. If an installer chooses not to proceed with becoming pre-qualified, then an alternate pre-qualified installer will need to be onboarded to the project. If there are extenuating project circumstances for electric only facilities, please reach out to PG&EApplicantInstallerPreQual@pge.com for guidance.

Q: What sort of activities could lead to pre-qualification removal?

A. Willful safety violations that put any workers or facilities in a situation that is immediately hazardous to life and health.
B. Repeated failures by the same individual/company documented on inspection logs where ample coaching by PG&E has been provided
C. Bullying, intimidating, or arguing with an inspector for failing an inspection.
D. Repeated instances of scheduling inspections and having no work to inspect or last-minute cancelations in an attempt to monopolize inspection time slots on the calendar.
E. Over pressurized air test
F. Willfully concealing damage to PG&E facilities caused by the installer
G. Modifying or falsifying inspection records or installer qualifications/Span of Control

Who do I contact with questions?

For General Applicant Installer Pre-Qualification Questions

PG&EApplicantInstallerPreQual@pge.com

For Gas DOT Compliance

DOTContractorCompliance@pge.com

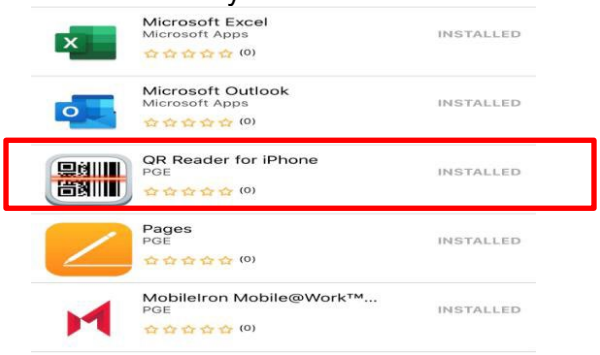
For Gas Operator Qualifications

OQPgmMgr@pge.com

Job aid: How to scan ITS wallet Cards

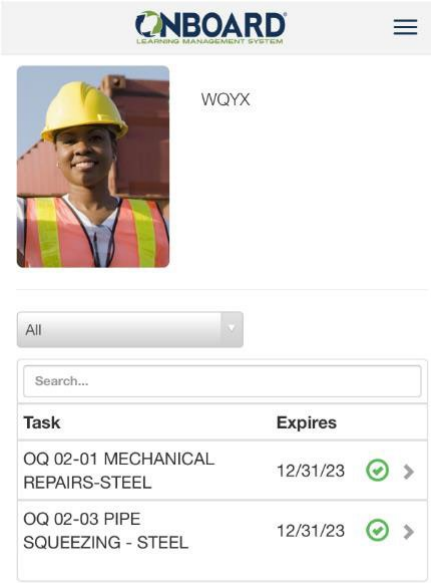
Audience: Applicant Installers, PG&E Gas and Electric Inspectors

Step 1 – Download “QR reader for iPhone” app from Apps@Work (PG&E employees only) or simply utilize the camera on your smart device



Step 2 – Scan the QR code on the applicant installers e-wallet card using the QR reader or Camera

Step 3 – The qualification details will be displayed on the smart device after the e-wallet card is scanned including the applicant installers pre-qualification and DOT status



Job aid: How to create an account and register with Industrial Training Services (ITS)

Audience: Applicant Installers

Skip this step if you already have an ITS account for Operator Qualificaitons when installing gas facilities; simply profile your students for the SQCA

- PG&E Applicant Installers will need to contact Sales@ITS-Training.com or call 270-753-2150 Ext 100 to begin the agreement process.
- ITS Contracts Department will send an information form to each contractor to complete in Panda Docs.
- Once completed, ITS will send an agreement for signature.
- Contractor must provide a copy of their Certificate of Insurance (COI) showing a minimum of $1,000,000 per occurrence for General Liability Insurance.
- Set-Up Fee $350 (must be paid prior to account creation plus a minimum of 1 Admin)
- Fees: Admin $150, Student $80, Inactive $10, eWallet card $10 + Shipping
- Questions for ITS regarding set-up? Email Sales@ITS-Training.com
- Once the set-up fee is paid, the company will be created. The Admin will need to attend an Admin Training session before gaining full access to OnBoard.

Job aid: How to create an account and register with National Compliance Monitoring System (NCMS)

Audience: Gas Applicant Installers

Who We Are:

National Compliance Management Service (NCMS) provides contractor monitoring services for Pacific Gas & Electric (PG&E). We will review your company's drug testing program to ensure it meets the DOT/PHMSA expectations, which PG&E is held to. If your company does not already maintain an acceptable testing program, we can help guide you in the direction of starting an acceptable testing program.

Monitoring Process:

Before we can monitor your company, we need the approval of PG&E. Upon successful completion of the Safety, Quality, and Conduct Assessment in ITS, your company contacts will receive an engagement email from pipelinesafety@nationalcompliance.com within 10 business days. The email your company will receive will provide step by step directions on how to obtain access to our website and complete our online audit process.

The first step in this process is subscribing to the NCMS website – www.nationalcompliance.com (this process will be detailed in the engagement email sent from NCMS). Once subscribed, your company will receive a username and a website link, via email. The website link will need to be utilized to establish a password for your new NCMS website credentials. Once credentials have been established, your company will be able to access the audit request and supply NCMS with the requested information. All information your company supplies will be reviewed and either be approved or rejected. If rejected, NCMS representatives will provide guidance on the shortfalls and your company will have the opportunity to resolve any issues.

Once the audit has been completed, your company must continue to maintain their NCMS platform and complete any NCMS requests, which will be sent from NCMS throughout the year via email.

Contractors that are not familiar with running a compliant DOT testing program often choose to utilize a third-party administrator (TPA), who assists contractors in establishing and maintaining a compliant drug and alcohol testing program and also assists contractors in completing the NCMS program review. NCMS works closely with Pipeline Testing Consortium (PTC), who has established a number of processes that aid their contractor clients with their testing programs. If your company is interested in the services PTC offers, contact info@pipelinetesting.com or call 800-294-8758 Ext 1.

National Compliance Management Services (NCMS)

Pipelinesafety@nationalcompliance.com
620-669-0954

Prepared By:
jerry whitbey
6100 schirra ct
Bakersfield,CA 93313
jerry.whitbey@graybar.com
D:661-835-4362

Proposal Name: BCSD FRANKLIN

Quote Name: BCSD FRANKLIN

Proposal Number: P-250305-5088032

Quote Number: Q-5771425

Quote Date: 03/05/2025

Through Addenda Number: 0

Sales Representative: Dave Bruun

Conditions of Sale

This Quotation is subject to Coordinated Project Terms. See https://www.se.com/us/en/download/document/0100PL0043/

Quoted price in currencies other than U.S. Dollars is per the annual Schneider Electric exchange guidance.
Quote is valid for 30 days. Quoted lead times are approximate and subject to change.

Schneider Electric reserves the right to amend, withdraw or otherwise alter this submission without penalty or charge as a result of any event beyond its control arising from or due to the current Covid-19 epidemic or events subsequent to this epidemic / pandemic including changes in laws, regulations, by laws or direction from a competent authority.

Seq #	Qty	Product Description
1	1	**Designation :** MSB **Product Details:** 1 - Square D Standard Swbd-QED-2 Switchboard ---------- Square D Standard Swbd Designed and Tested in accordance with: UL 891/NATIONAL ELECTRIC CODE/NEMA PB-2 System Voltage - 480Y/277V 3Ph 4W 60Hz System Ampacity - 1600A Source Description - Single Main Bussing - Aluminum Plated w/Tin and Copper Plated w/Silver Neutral Bus - 100% Max Available Fault Current (RMS) - 65kA Enclosure - Type 3R Non-Walk-in Accessibility: Front Only Rodent Barrier Exterior Paint Color - ANSI 49 Strip Heaters: Declined Ground Lug provided for each device SIS Control Wire Bottom Closure Plates Aluminum Ground Bus Seismic Qualified Dimensions ---------- 2 - 42" Wide Section(s) 1 - 36" Wide Section(s) 1 - Dimensions: 120.00" W X 35.5" D X 91.5"H 3 - 35.5" Deep Enclosure(s) Approximate Weight: 2842.00 lbs / 1289.13 kgs Incoming Requirements ---------- Suitable for Use As Service Entrance Entry Point: Left of Lineup, Through the Bottom Connection Type: Cable Reverse Feed Hot Sequence Utility: Pacific Gas & Electric (CA) Standard Door Pattern 1-30in Door, 2 Sockets Mains ---------- 1 - 1600AS/1600AT 480V 100% Rated 65 kA 3 Pole UL, Fixed Mounted Electronic Trip Circuit Breaker: Type RK Power Trip Unit, Long Time, Short Time, Instantaneous, Ground Fault Padlock Attachment Energy Reduction Maintenance Switch Feeders ---------- 2 - 300AT 480V 80% Rated 65 kA 3 Pole UL, Group Mounted Basic Electronic Trip Circuit Breaker: Type MJ 1 - 350AT 480V 80% Rated 65 kA 3 Pole UL, Group Mounted Basic Electronic Trip Circuit Breaker: Type MJ 1 - 20AT 480V 80% Rated 65 kA 2 Pole UL, Group Mounted Thermal Magnetic Circuit Breaker: Type BJ 1 - 30AT 480V 80% Rated 65 kA 3 Pole UL, Group Mounted Thermal Magnetic Circuit Breaker: Type BJ 1 - 70AT 480V 80% Rated 65 kA 3 Pole UL,

Group Mounted Thermal Magnetic Circuit Breaker: Type BJ
2 - 100AT 480V 80% Rated 65 kA 3 Pole UL, Group Mounted Thermal Magnetic Prepared Space: Type BJ
5 - 200AT 480V 80% Rated 100 kA 3 Pole UL, Group Mounted Thermal Magnetic Circuit Breaker: Type JL
1 - 225AT 480V 80% Rated 100 kA 3 Pole UL, Group Mounted Thermal Magnetic Circuit Breaker: Type JL
1 - 50AT 480V 80% Rated 65 kA 3 Pole UL, Group Mounted Thermal Magnetic Circuit Breaker: Type BJ
1 - 20AT 480V 80% Rated 65 kA 3 Pole UL, Group Mounted Thermal Magnetic Circuit Breaker: Type BJ
1 - 15AT 480V 80% Rated 65 kA 3 Pole UL, Group Mounted Thermal Magnetic Circuit Breaker: Type BJ

Seq #	Qty	Product Description
2	1	**Designation :** 400AMP DISC. **Product Details:** HU365NR-HU365R WITH NEUTRAL

REV	DESCRIPTION	BY	DATE	–	----	--	--/--/--	–	----	--	--/--/--
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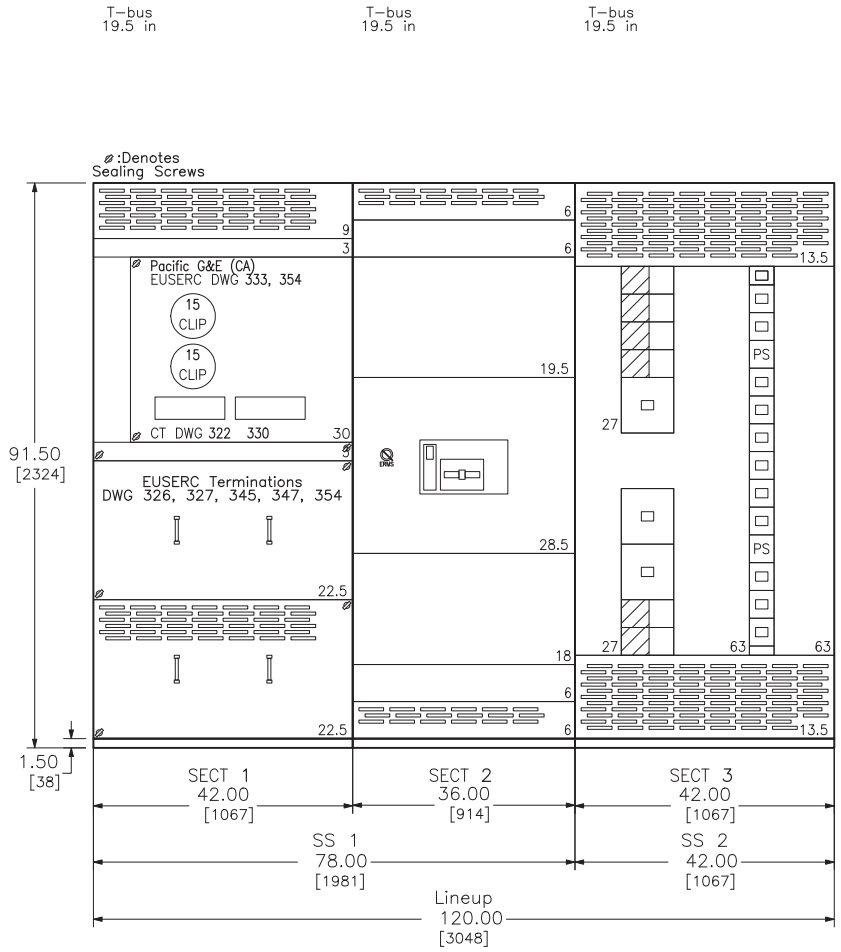

SWITCHBOARD GENERAL NOTES

PRODUCT DESCRIPTION & RATINGS

Power System Data

480Y/277V 3Ph 4W 60Hz / 3 Phase Wye
Solidly Grounded
System Short Circuit Current Rating: 65kA RMS
Incoming Section 1 Cable Through the Bottom Left of Lineup

Bus System Data

1600A Tin/Aluminum & Silver/Copper Main Bus
(4) .25x2.00 IN/6x51 mm Al Bus Bar Per Phase/Neutral
(1) .25x1.50 IN/6x38 mm Al Ground Bus

Enclosure Data

Type 3R Free Standing
Exterior Paint Color: ANSI 49
Front Accessibility Only Required
Handling: Rollers
Rodent barriers
1.5H Corrosion Resist Base Channels
Steel Bottom Closure Plate
Base channels cannot be removed from EUSERC switchboard line–ups
Utility sealing hardware installed for unmetered bus compartments

Estimated Shipping Weight

Shipping Split 1 1731.00 lbs / 785.18 kgs
Shipping Split 2 1111.00 lbs / 503.95 kgs
Complete Lineup 2842.00 lbs / 1289.13 kgs

Code Standards

U.L. Deadfront and suitable for use as Service Entrance
when not more than six (6) disconnecting means are provided.

Rating Nameplates

ST1– Deadfront – Section Bus 1600A
ST2– Service Entrance – Section Bus 1600A
ST3– Deadfront – Section Bus 1600A

PRODUCT INFORMATION

Wiring

All wiring to be SIS Wire type

Instruction Bulletins

Reference 80043–055 For Handling, Installation,
Anchoring, Inspection And Maintenance Information

Product Accessories/Options

Seismic Qualified
24V Trip Unit Display Power
Locally Mounted ERMS Switch

DUAL DIMENSIONS: INCHES
MILLIMETERS

JOB NAME:	BCSD FRANKLIN	EQUIPMENT DESIGNATION:	MSB
JOB LOCATION:		EQUIPMENT TYPE:	QED–2 Switchboard
DRAWN BY:	CAD	DRAWING TYPE:	GENERAL NOTES
ENGR:			SQUARE D by Schneider Electric
DATE:	March 05 2025		
DRAWING STATUS:	QUOTE	DWG# FQ–5771425–173794088–01	PG 1 OF 2 REV –

REV	DESCRIPTION	BY	DATE	–	----	--	--/--/--	–	----	--	--/--/--
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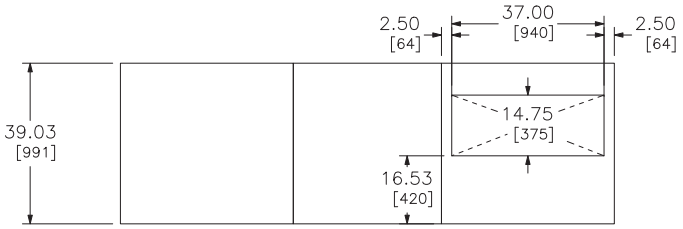
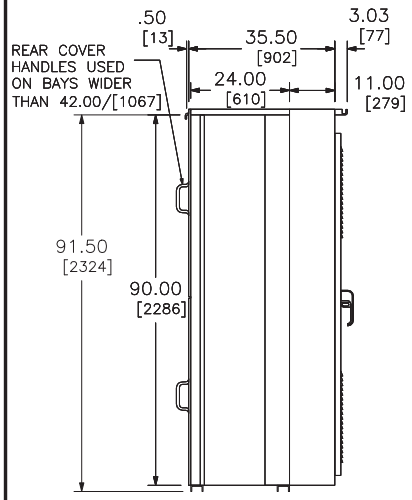
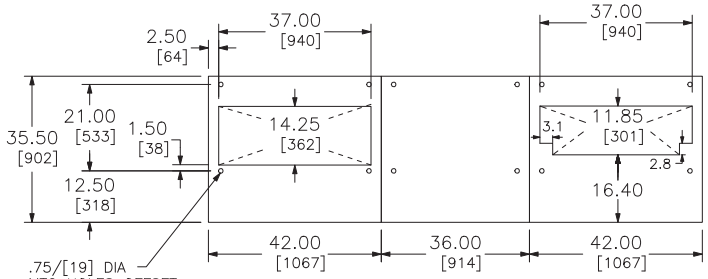


TOP VIEW – FRONT



LEFT SIDE VIEW



FLOOR PLAN – FRONT

NOTE: ALL DEVICES REQUIRING DRILLING OR INSERTION IN MOUNTING PAD SUCH AS CONDUIT, ANCHORING STUDS, SLEEVE INSERTS, ETC. SHOULD BE INSTALLED BEFORE SETTING EQUIPMENT IN PLACE.

DUAL DIMENSIONS: INCHES / MILLIMETERS

NOTE:
A MINIMUM OF 2.00/[51] CLEARANCE BEHIND THE SWITCHBOARD IS REQUIRED FOR TOP COVER OVERHANG.

JOB NAME:	BCSD FRANKLIN	EQUIPMENT DESIGNATION:	MSB
JOB LOCATION:		EQUIPMENT TYPE:	QED-2 Switchboard
DRAWN BY:	CAD	DRAWING TYPE:	SIDE, TOP VIEW & FLOOR PLAN
ENGR:			SQUARE D by Schneider Electric
DATE:	March 05 2025		
DRAWING STATUS:	QUOTE	DWG# FQ-5771425-173794088-01	PG 2 OF 2 REV –

REV	DESCRIPTION	BY	DATE	–	----	--	--/--/--	–	----	--	--/--/--
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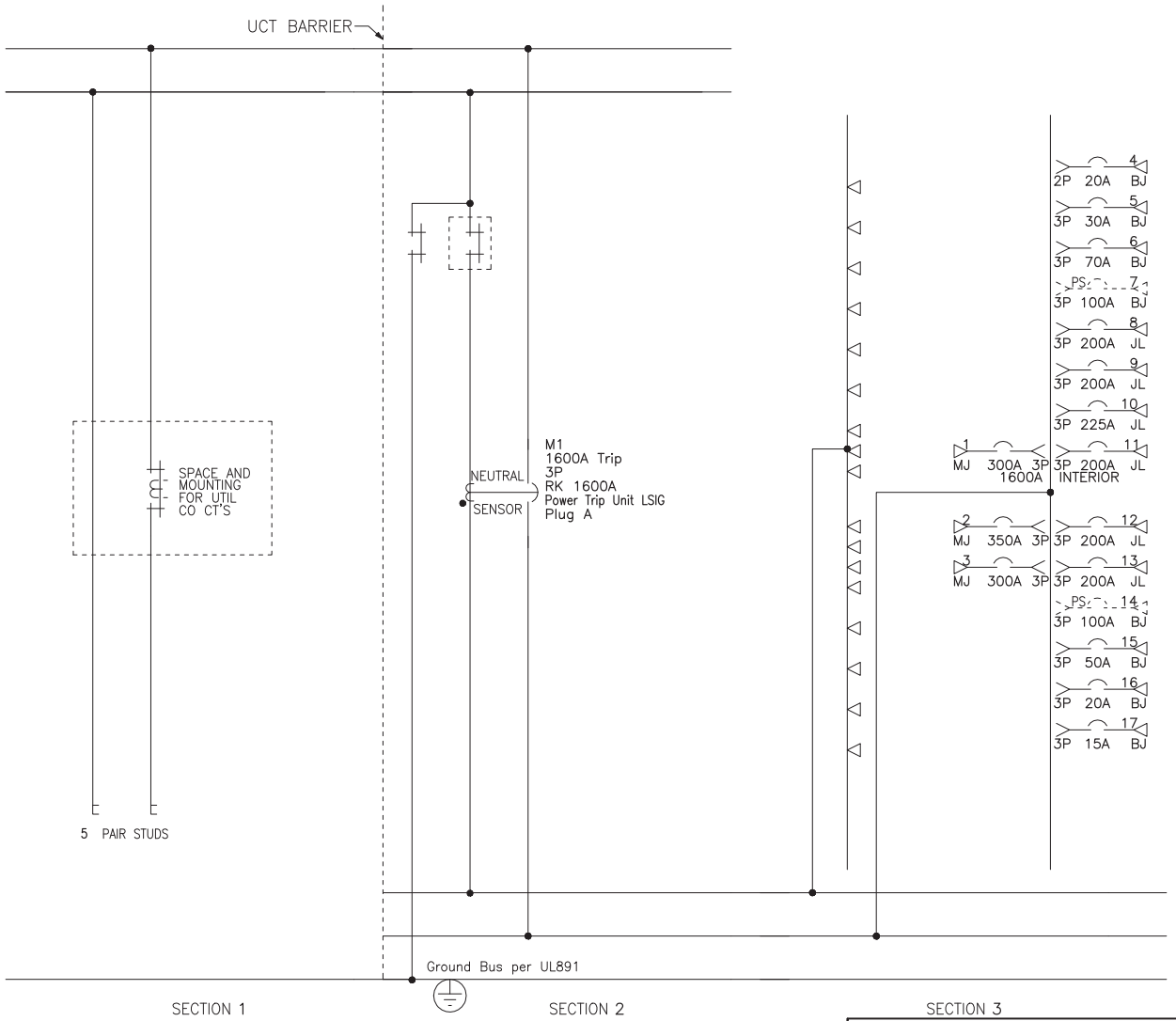


JOB NAME:	BCSD FRANKLIN	EQUIPMENT DESIGNATION:	MSB
JOB LOCATION:		EQUIPMENT TYPE:	QED-2 Switchboard
DRAWN BY:	CAD	DRAWING TYPE:	ONE LINE
ENGR:			
DATE:	March 05 2025		
DRAWING STATUS:	QUOTE	DWG#	0Q-5771425-173794088-01

PG 1 OF 2 REV –

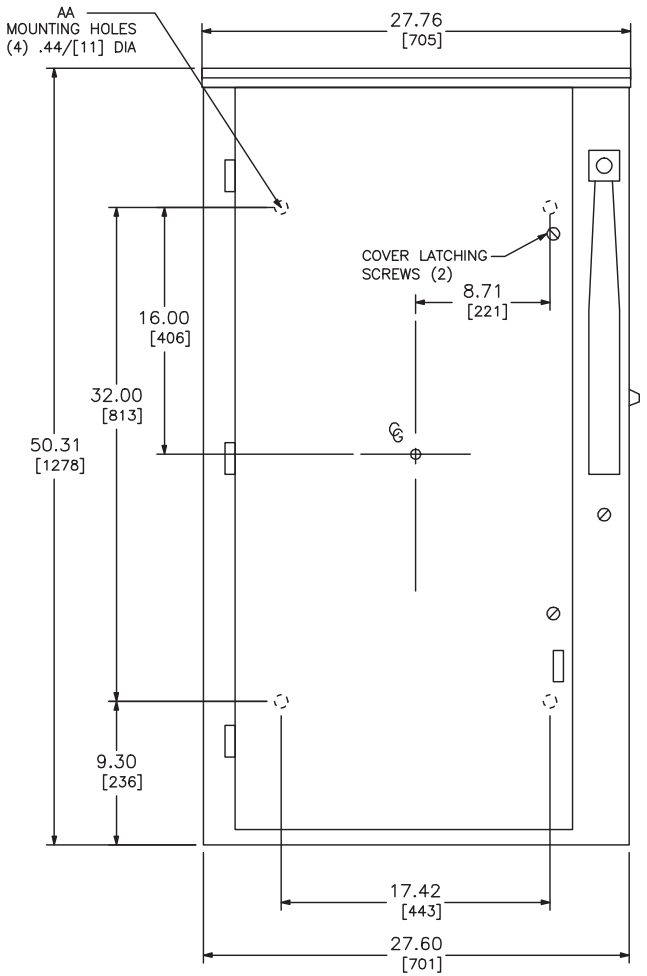
REV	DESCRIPTION	BY	DATE	–	----	--	--/--/--	–	----	--	--/--/--
–	----	--	--/--/--	–	----	--	--/--/--	–	----	--	--/--/--

POWER STYLE QED–2 SWITCHBOARD

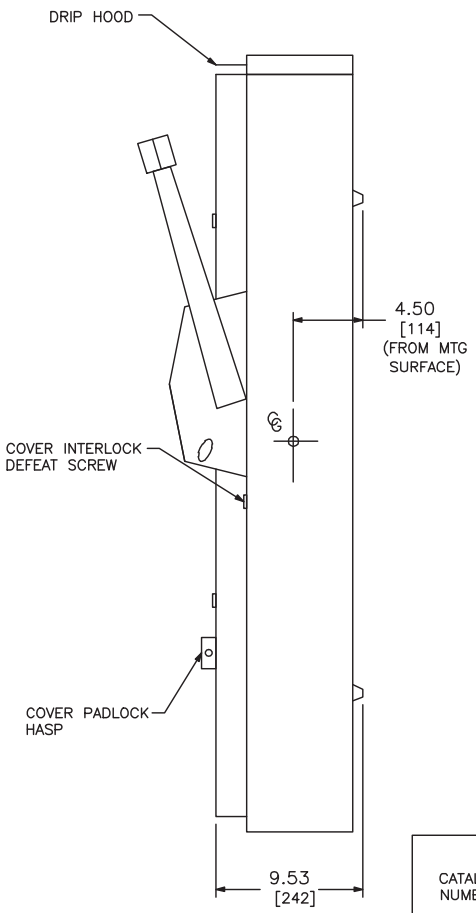
SECT NO	CKT NO	IMD /GMD CONFIG	DEVICE/FRAME RATING	TRIP AMP	FUSE/ TRIP	#P	DESIGNATION	N/P	LUG/WIRE INFORMATION				ACCESSORIES / NOTES
									QTY	PHASE WIRE RANGE	QTY	NEUT WIRE RANGE	
1	UCT	–	1600A	–	–	–	Pacific G&E (CA)	No	5	Pair Studs	5	Pair Studs	
2	M1	FIX	RK 1600A Plug A 100%	1600A	P–LSIG	3P		No	–	–	–	–	GF PLA,ERMS,TU
3	1	9 in	MJ	300A	–	3P		No	1	3/0 – 500 kcmil	1	3/0 – 500kcmil	
3	2	9 in	MJ	350A	–	3P		No	2	3/0 – 250 kcmil	2	3/0 – 250 kcmil	
3	3	9 in	MJ	300A	–	3P		No	1	3/0 – 500 kcmil	1	3/0 – 500kcmil	
3	4	3 in	BJ	20A	–	2P		No	1	#14 – 1/0 AWG	1	#14 – 1/0 AWG	
3	5	4.5 in	BJ	30A	–	3P		No	1	#14 – 1/0 AWG	1	#14 – 1/0 AWG	
3	6	4.5 in	BJ	70A	–	3P		No	1	#14 – 1/0 AWG	1	#14 – 1/0 AWG	
3	7	4.5 in	BJ (PS)	(100A)	–	3P		No	1	#14 – 1/0 AWG	1	#14 – 1/0 AWG	
3	8	4.5 in	JL	200A	–	3P		No	1	3/0 – 350 kcmil	1	3/0 – 350kcmil	
3	9	4.5 in	JL	200A	–	3P		No	1	3/0 – 350 kcmil	1	3/0 – 350kcmil	
3	10	4.5 in	JL	225A	–	3P		No	1	3/0 – 350 kcmil	1	3/0 – 350kcmil	
3	11	4.5 in	JL	200A	–	3P		No	1	3/0 – 350 kcmil	1	3/0 – 350kcmil	
3	12	4.5 in	JL	200A	–	3P		No	1	3/0 – 350 kcmil	1	3/0 – 350kcmil	
3	13	4.5 in	JL	200A	–	3P		No	1	3/0 – 350 kcmil	1	3/0 – 350kcmil	
3	14	4.5 in	BJ (PS)	(100A)	–	3P		No	1	#14 – 1/0 AWG	1	#14 – 1/0 AWG	
3	15	4.5 in	BJ	50A	–	3P		No	1	#14 – 1/0 AWG	1	#14 – 1/0 AWG	
3	16	4.5 in	BJ	20A	–	3P		No	1	#14 – 1/0 AWG	1	#14 – 1/0 AWG	
3	17	4.5 in	BJ	15A	–	3P		No	1	#14 – 1/0 AWG	1	#14 – 1/0 AWG	

LEGEND	
ERMS	Energy Reduction Maintenance SW
GF	Ground Fault
PLA	Padlock Attachment–Fixed
TU	24V Trip Unit Display Power

JOB NAME: BCSD FRANKLIN	EQUIPMENT DESIGNATION: MSB
JOB LOCATION:	EQUIPMENT TYPE: QED–2 Switchboard
DRAWN BY: CAD	DRAWING TYPE: SCHEDULE
ENGR:	SQUARE D by Schneider Electric
DATE: March 05 2025	DWG# OQ–5771425–173794088–01 PG 2 OF 2 REV –
DRAWING STATUS: QUOTE	



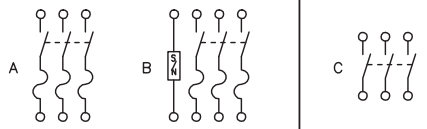
NEMA TYPE 3R
NO KNOCKOUTS



NOTE: SIDE
HINGED DOOR

WIRING DIAGRAMS

FUSIBLE	NOT FUSIBLE
A B	C



TERMINAL LUGS DATA			
AMPERE	MAX WIRE	MIN WIRE	TYPE
400	(1) 750 KCMIL OR (2) 300 KCMIL	(1) #1/0 AWG OR (2) #1/0 AWG	AL OR CU

SEISMIC NOTES:
USE (4) 3/8" DIA GRADE 5 STEEL MOUNTING BOLTS @ HOLES AA
MAX CONFIGURED WEIGHT 179 LB FOR THE PURPOSE OF DETERMINING SEISMIC ANCHORAGE REQUIREMENTS. FOR ALL OTHER APPLICATIONS, CONTACT SCHNEIDER ELECTRIC.

DUAL DIMENSIONS: INCHES
MILLIMETERS

CATALOG NUMBER	VOLTAGE RATINGS	WIRING DIAG	HORSEPOWER RATINGS							
			240VAC		480VAC		600VAC		250 VDC	600 VDC
			STD	MAX	STD	MAX	STD	MAX		
			3Ø	3Ø	3Ø	3Ø	3Ø	3Ø	STD	STD
H325NR	240VAC;250VDC	B	50	125	–	–	–	–	50	–
H325R	240VAC;250VDC	A	50	125	–	–	–	–	50	–
H365NR	600VAC;600VDC	B	50	125	100	250	125	350	50	50
H365R	600VAC;600VDC	A	50	125	100	250	125	350	50	50
HU365R	600VAC;600VDC	C	–	125	–	250	–	350	50	50

NOTES:
FINISH – GRAY BAKED ENAMEL
UL LISTED – FILE E–154828
ALL NEUTRALS – INSULATED GROUNDABLE
SUITABLE FOR USE AS SERVICE EQUIPMENT
SHORT CIRCUIT CURRENT RATINGS:
10,000 AMPERES WHEN USED WITH OR PROTECTED BY CLASS H OR K FUSES.
200,000 AMPERES WHEN USED WITH OR PROTECTED BY CLASS R FUSES HAVING CLASS R REJECTION KITS INSTALLED OR CLASS J FUSES.

HEAVY DUTY SAFETY SWITCHES
VISIBLE BLADE TYPE
400 AMPERE – SERIES E5
ENCLOSURE – NEMA TYPE 3R RAINPROOF (SUFFIX R)
SEISMIC

SQUARE D
by Schneider Electric

DWG# NO. 3455S

MARCH 2011

3455