



## ADDENDUM

Campus HVAC System Upgrade  
Freemont Magnet Elementary School  
Bakersfield City School District  
566-0018  
DSA #03-122640

Date: February 1, 2024

To: All Bidders

Subject: Addendum #002

**Total Addendum includes:  
139-Pages**

### 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. Acknowledge receipt of Addendum No. 002 in the space provided on the Bid Proposal Form. Failure to do so may subject bidder to disqualification.

#### **Item # Description**

##### **2.1 General:**

- 2.1.1 Existing plans are on file from the Owner at maintenance department and available for review prior to bidding.
- 2.1.2 All Bid Packages to reference the attached BCSD – Fremont ES – Campus HVAC System Upgrades – Job Walk Sign-In Sheet as performed on January 31, 2024 @ 3pm.
- 2.1.3 All Bid Packages to reference the attached BCSD – Fremont ES – Preliminary Baseline Schedule per Section 00-01-20.
- 2.1.4 All Bid Packages to reference the updated attached Mandatory Pre-Bid Jobwalk Agenda.
- 2.1.5 **The District has elected to open a 2<sup>nd</sup> mandatory jobwalk for all bid packages scheduled for Tuesday, February 13, 2024 at 3:00pm at Fremont Elementary School – Staff Parking Lot (607 Texas Street, Bakersfield, CA, 93307). Bidders that attended the mandatory jobwalk on January 31, 2024 are not required to attend the 2<sup>nd</sup> jobwalk.**

##### **2.2 Changes to the BCSD Project Manual (Division 00):**

- 2.2.1 All Bid Packages are responsible to review and implement the attached “Lead Remediation Scope of Work” from YES Environmental, Inc. dated January 29, 2024.
- 2.2.2 FES #001 – Demolition and Abatement Bid Package is responsible to review and implement the attached “Asbestos Abatement Scope of Work” from YES Environmental, Inc. dated January 31, 2024.

##### **2.3 Refer to Specifications Section 096813:**

- 2.3.1 Replace Data Sheet at the end of the section (Page 7) with attached Data Sheet.

##### **2.4 Refer to Sheet A0.00:**

- 2.4.1 Refer to General Notes:
  - 2.4.1.1 Add the following notes:
    - 20. ALL PRIME CONTRACTORS TO LOCATE ALL MAINLINE POINT OF CONNECTIONS FOR THEIR RESPECTIVE UTILITIES WITHIN 25' EACH WAY OF THE APPROXIMATE LOCATION REFLECTED ON THE DRAWINGS.**
    - 21. ALL PRIME CONTRACTOR ARE RESPONSIBLE FOR INVESTIGATING, VERIFYING, AND PROVIDING ALL BACKUP FRAMING, SUPPORTS, ROUGH-IN, FINISHES,**



**ETC. FOR ALL NEW RESPECTIVE COMPONENTS AS REFLECTED IN THE DSA APPROVED DRAWINGS.**

**22. ALL PRIME CONTRACTORS ARE RESPONSIBLE FOR HAUL AWAY AND SAFE DISPOSAL OFF-SITE FOR EXCESS SOIL SPOILS OR MATERIAL WASTE WITHIN THE NEW RESPECTIVE SCOPE LIMITS.**

2.4.2 Symbols Legend:

2.4.2.1 Revise description next to square symbol to read as follows:

**ACCESSORY NUMBER,  
REFER TO ACCESSORY  
SCHEDULE ON SHEET A2.00**

**2.5 Refer to Sheet A1.10:**

2.5.1 Refer to General Demo Site Plan Notes:

2.5.1.1 Add note 12 to read as follows:

**LINE OF SAWCUT SHALL BE FIELD VERIFIED AND PERFORMED TO THE NEAREST JOINT LINE WHERE APPLICABLE.**

2.5.2 Refer to Demo Site Plan Keynotes:

2.5.2.1 Revise Keynote 31 to read as follows:

**EX ASPHALT CONC PAVING**

**2.6 Refer to Sheet A1.20:**

2.6.1 Refer to Site Plan Keynotes:

2.6.1.1 Revise Keynote 26 to read as follows:

**REPLACE/ REINSTALL LANDSCAPE AND IRRIGATION TO MATCH EX AS REQUIRED AT SITE IMPROVEMENTS. ALL NEW LANDSCAPE IRRIGATION LINES ARE TO BE PRESSURE TESTED AND VERIFIED WITH M&O PRIOR TO BACKFILL. PRIME CONTRACTOR IS TO ENSURE THE CONTROLLER AND ZONES ARE UNAFFECTED AS A RESULT OR RESPONSIBILITY OF THE RESPECTIVE PRIME TO PROVIDE AND INSTALL NEW CONTROL WIRING.**

**2.7 Refer to Sheet A1.22:**

2.7.1 Refer to Partial Site Plan B:

2.7.1.1 Revise note at truncated surface removal to read as follows:

**REMOVE EX CONC WHEEL  
STOP- TYP. PATCH AREA WITH  
PERMA-PATCH S-25194  
PARKING LOT REPAIR  
COMPOUND**

2.7.1.2 Revise note concrete bumper removal to read as follows:

**REMOVE EX DETECTABLE  
WARNING SURFACE MTD  
DOMES/ MATS – PATCH HOLES  
WITH 3M 600 CONCRETE  
REPAIR PRODUCT**

2.7.1.3 Add detail reference at added wheel stop to read:

**WHEEL STOP- TYP (4). 22/A8.01**



- 2.7.2 Refer to Partial Site Plan C:
- 2.7.3 Revise Detail 32 as indicated on attached Detail **ADD-002.01** as denoted by clouded areas with Delta "2".
- 2.7.4 Refer to Partial Site Plan D:
  - 2.7.4.1 Add note to indicate 1/4" maximum slope in any direction at areas of replaced concrete under breezeway.
- 2.7.5 Refer to Partial Site Plan E:
  - 2.7.5.1 Revise as indicated on attached Detail **ADD-002.02** as denoted by clouded areas with Delta "2".
- 2.7.6 Refer to Partial Site Plan F:
  - 2.7.6.1 Revise dimensions at asphalt replacement width on south and west runs to read as follows:  
**+/-7'-0"**
  - 2.7.6.2 Add note for slope away from concrete paving at asphalt replacement west run to read as follows:  
**← 5% MAX**
  - 2.7.6.3 Add notes for slope away from concrete paving at asphalt replacement south runs to read as follows:  
**↓ 5% MAX**
- 2.8 Refer to Sheet A5.00:**
  - 2.8.1 Refer to General Ceiling Demolition Notes:
    - 2.8.1.1 Revise Note 11 to read as follows:  
**EX WIRELESS ACCESS NODES TO BE REMOVED BY OWNER.  
CONDUITS, WIRING AND BOXES TO BE REMOVED BY  
CONTRACTOR.**
- 2.9 Refer to Sheets, A6.00, A6.01, A6.02, A6.03, A6.04:**
  - 2.9.1 Refer to Interior Elevation Keynotes:
    - 2.9.1.1 Add note 34 to read as follows:  
**NOT USED**
    - 2.9.1.2 Add note 35 to read as follows:  
**EXISTING WALL MOUNTED TOILET W/ TOILET SEAT AT +17"**
- 2.10 Refer to Sheet A8.00:**
  - 2.10.1 Revise Detail 24 grab bar note to read as follows:  
**GRAB BAR EA SIDE (STAINLESS STEEL)**
- 2.11 Refer to Sheet A8.01:**
  - 2.11.1 Revise Detail 32 as indicated on attached Detail **ADD-002.03** as denoted by clouded areas with Delta "2".
- 2.12 Refer to Sheet S3.02:**
  - 2.12.1 Replace Detail 3 with attached Drawing **ADD-002.04** as denoted by clouded areas with Delta "2".
- 2.13 Refer to Sheet P1.00:**
  - 2.13.1 Replace in its entirety with attached Sheet by the same number as denoted by clouded areas with Delta "2".
- 2.14 Refer to Sheet P2.10:**



2.14.1 Replace in its entirety with attached Sheet by the same number as denoted by clouded areas with Delta "2".

**2.15 Refer to Sheet P2.20:**

2.15.1 Replace in its entirety with attached Sheet by the same number as denoted by clouded areas with Delta "2".

**2.16 Refer to Sheet P2.21:**

2.16.1 Replace in its entirety with attached Sheet by the same number as denoted by clouded areas with Delta "2".

**2.17 Refer to Sheet E-001:**

2.17.1 Replace in its entirety with attached Sheet by the same number as denoted by clouded areas with Delta "2".

**2.18 Refer to Sheet E-500:**

2.18.1 Replace in its entirety with attached Sheet by the same number as denoted by clouded areas with Delta "2".

**End of Addendum**



**BAKERSFIELD CITY SCHOOL DISTRICT  
FREMONT ELEMENTARY SCHOOL DISTRICT  
CAMPUS HVAC SYSTEM UPGRADES**

**MANDATORY PRE-BID JOBWALK  
SIGN-IN SHEET**

**PRE-BID MEETING & JOB WALK**  
 BAKERSFIELD CITY SCHOOL DISTRICT  
 22213.00-26-CAMPUS HVAC SYSTEM UPGRADES  
 1/31/2024 @ 3:00 PM

CONTACT NAME	COMPANY NAME	PHONE/ SUB	Trade	PHONE NUMBER	E-MAIL ADDRESS
CRAG HENRIKSEN	Emcon/mesa	<input type="checkbox"/> Home <input checked="" type="checkbox"/> Pro <input type="checkbox"/> Sub <input type="checkbox"/> Supplier	HVAC	661 335-1500	Cherishen@emcon.net
Jennifer Gray	STS construction	<input checked="" type="checkbox"/> Home <input type="checkbox"/> Sub <input type="checkbox"/> Supplier	Plumbing	661 835-9270	estimating@stskonstruction.com
DONNIE HENSLER	SKYDOW ELECTRIC	<input type="checkbox"/> Home <input type="checkbox"/> Sub <input type="checkbox"/> Supplier	ELECTRICAL	661 330-1292 661 213-4141	DONNIE@SKYDOWELECTRIC.COM
Phillip Fox	Integrated Demolition and Remediation Inc	<input type="checkbox"/> Home <input type="checkbox"/> Sub <input type="checkbox"/> Supplier	Demos	904-733-6304	jag@idrem.com
CB EVERNO GURET GONZALEZ	CB ELECTRIC	<input checked="" type="checkbox"/> Home <input type="checkbox"/> Sub <input type="checkbox"/> Supplier	ELECTRICAL	818-262-5469	gb@electricoutlook.com
Jeff West	JAGERT ELECTRIC	<input type="checkbox"/> Home <input type="checkbox"/> Sub <input type="checkbox"/> Supplier	ELECTRICAL	661 337-8046	DUSTIN@JSELECTRIC.NET
Vive Linars	SEBASTIAN TECH	<input type="checkbox"/> Home <input type="checkbox"/> Sub <input type="checkbox"/> Supplier	FA	661 331 0077	KLINAR@SEBASTIAN.COM
Alm Shattin	HPS Mechanical	<input type="checkbox"/> Home <input type="checkbox"/> Sub <input type="checkbox"/> Supplier	Plumbing	397-2121	alm@hpsmechanical.com

**PRE-BID MEETING & JOB WALK**  
 BAKERSFIELD CITY SCHOOL DISTRICT  
 22213.00-26-CAMPUS HVAC SYSTEM UPGRADES  
 1/31/2024 @ 3:00 PM

CONTACT NAME	COMPANY NAME	PRELU SUB	Trade	PHONE NUMBER	E-MAIL ADDRESS
Donnie Alfano	Visalia Ceramic Tile	<input checked="" type="checkbox"/> Prime <input type="checkbox"/> Sub <input type="checkbox"/> Supplier	Tile & Muraltaps	559 6512925	donnie@vctile.com
LOUIE TOVAL	KROEKER INC.	<input checked="" type="checkbox"/> Prime <input type="checkbox"/> Sub <input type="checkbox"/> Supplier	DEMO	(659) 351-4938	LOUIE@KROEKERINC.COM
Sam Porter	Enriched Energy Solutions	<input type="checkbox"/> Prime <input type="checkbox"/> Sub <input type="checkbox"/> Supplier	Electrical C-10	(760) 408 5019	andrew@goesi.com
René Reyes	TAPT plumbing CO	<input type="checkbox"/> Prime <input type="checkbox"/> Sub <input type="checkbox"/> Supplier	Plumbing	(661) 978-4934	rene-reyes8463@ATT.net
Tom Henderson	A-c Electric	<input type="checkbox"/> Prime <input type="checkbox"/> Sub <input type="checkbox"/> Supplier	Electrical	(661) 410-0000	tomhenderson@ a-c.electric.com
Curtis Long	Building Electronic Controls Inc.	<input type="checkbox"/> Prime <input type="checkbox"/> Sub <input type="checkbox"/> Supplier	Fire Alarm	661 332 1886	CurtisL@BETEC.COM
Todd Murphy	JT Construction	<input type="checkbox"/> Prime <input type="checkbox"/> Sub <input type="checkbox"/> Supplier	Demo Electrical	818-535-4185	todd@jtdor.com
KYLE WILSON	JAR COMPUTERSOLUTIONS	<input type="checkbox"/> Prime <input type="checkbox"/> Sub <input type="checkbox"/> Supplier	WIR WOL	(661) 343 9114	kylwilson@jarco.com

PRE-BID MEETING & JOB WALK  
 BAKERSFIELD CITY SCHOOL DISTRICT  
 22213.00-26-CAMPUS HVAC SYSTEM UPGRADES  
 1/31/2024 @ 3:00 PM

CONTACT NAME	COMPANY NAME	PHONE SUB	Trade	PHONE NUMBER	E-MAIL ADDRESS
Eulalia	Hayo Builders Inc.	<input type="checkbox"/> Home <input type="checkbox"/> Bus <input type="checkbox"/> Supplier	Carpentry	(559) 548 0905	Eulalia@hayobuilders.com
Neshai	U's Roofing	<input type="checkbox"/> Home <input type="checkbox"/> Bus <input type="checkbox"/> Supplier	Roofing	(559) 573-9331	Neshai@u'sroofing.com
FRED WARD	Pressure Wash/MD Demo	<input type="checkbox"/> Home <input type="checkbox"/> Bus <input type="checkbox"/> Supplier	Demolition	661 805-9888	fredward@mdcc.com
Jeff Ricks	Ricks A/C	<input type="checkbox"/> Home <input type="checkbox"/> Bus <input type="checkbox"/> Supplier	HVAC	661 343-0069	Jeff@ricksac.com
DAN BOWEN	Bowen Engineering	<input type="checkbox"/> Home <input type="checkbox"/> Bus <input type="checkbox"/> Supplier	Demolition	559 233 7444	Office@bowendemo.com
Kenneth Ricks	AZZ Technologies Inc.	<input type="checkbox"/> Home <input type="checkbox"/> Bus <input type="checkbox"/> Supplier	Electrical Fire Alarm	661 428-5400	AZZ Technologies, KR @Gmail.com
Miguel Castellanos	AP Architects	<input type="checkbox"/> Home <input type="checkbox"/> Bus <input type="checkbox"/> Supplier	Architect	661-327-1849	mcastellanos@aparchitects.net





PRE-BID MEETING & JOB WALK  
BAKERSFIELD CITY SCHOOL DISTRICT  
22213.00-26-CAMPUS HVAC SYSTEM UPGRADES  
1/31/2024 @ 3:00 PM

CONTACT NAME	COMPANY NAME	PRIME/ SUB	Trade	PHONE NUMBER	E-MAIL ADDRESS
Don Horsley	All-Tech	<input type="checkbox"/> Prime <input type="checkbox"/> Sub <input type="checkbox"/> Supplier	FIT	661-371-3366	dond@alltechfir.com
Tom Anderson	Safe Work CM	<input type="checkbox"/> Prime <input type="checkbox"/> Sub <input type="checkbox"/> Supplier	CM	502-954-8078	
ESTERAN SANCHEZ	SAFEWORKCM	<input type="checkbox"/> Prime <input type="checkbox"/> Sub <input type="checkbox"/> Supplier	CM	909.501.9187	esteran.sanchez@safe-work.com
Michael Delgado	Safe Work CM	<input type="checkbox"/> Prime <input type="checkbox"/> Sub <input type="checkbox"/> Supplier			
Grant Southwell	BCSD	<input type="checkbox"/> Prime <input type="checkbox"/> Sub <input type="checkbox"/> Supplier			
		<input type="checkbox"/> Prime <input type="checkbox"/> Sub <input type="checkbox"/> Supplier			
		<input type="checkbox"/> Prime <input type="checkbox"/> Sub <input type="checkbox"/> Supplier			
		<input type="checkbox"/> Prime <input type="checkbox"/> Sub <input type="checkbox"/> Supplier			

**JENNIFER GANGL**  
Estimating Analyst

Lic. 701750

**JTS**  
CONSTRUCTION  
BUILDING A BETTER  
COMMUNITY

**ESTIMATING**

**JTS**  
CONSTRUCTION  
BUILDING A BETTER  
COMMUNITY

Lic. 701750

**HPS**  
PLUMBING SERVICES

hpsmechanical.com  
CA LIC #79304

**BAKERSFIELD**  
3100 E. Belle Terrace  
Bakersfield, CA 93307  
PHONE: 661-397-2121

**JOSH JONES**  
ESTIMATOR  
jones@hpsmechanical.com

**HPS**  
PLUMBING SERVICES

**ALMA MARTINEZ**  
ESTIMATING ASSISTANT  
alma@hpsmechanical.com

hpsmechanical.com  
CA LIC #79304

**BAKERSFIELD**  
3100 E. Belle Terrace  
Bakersfield, CA 93307  
PHONE: 661-397-2121

**VISALIA CERAMIC TILE, INC.**

Tile Contractor

License #481599

**SURPASSING TILE INDUSTRY STANDARDS**

**Don Alfano**  
Regional Sales  
DonnieA@vctile.com

917 N. American Street, Visalia California 93291  
(559) 667-5029 cell (559) 651-2925 office (559) 651-2982 fax

**BEC**  
Building Exterior Coatings, Inc.

CI0-729905

MEMBER  
**NBCA**  
NATIONAL  
BUILDING CONTRACTORS ASSOCIATION

**Curtis Long**

3937 Alken Street, Suite A  
Bakersfield, CA 93308  
phone 661.588.1390  
fax 661.588.0116  
cell 661.332.1826  
email curtis@becinc.net

**EMCOR Services**

Mesa Energy  
Licenses #11975 & CA, CV, CH, CM, CW, CA#  
Mesa Energy Systems, Inc.

**CEAC HENRIKSEN**  
Project Estimator  
1822 N. 9th Blvd.  
Bakersfield, CA 93308  
Tel: (661) 335-1500  
Cell: (661) 865-6716  
E-mail: CEAC@HENRIKSEN.COM



Visalia • San Diego • Thousand Oaks • Fresno • Bakersfield • Central Coast  
San Francisco • Sacramento • Phoenix • Las Vegas • Reno • Seattle



**V's Generations Roofing**  
LIC# 1078124

**Netta Villavicencio**  
President

(559) 574-9331  
Nettavn@outlook.com



Tile Roofing  
Metal Roofing  
Gutter  
Shingles  
Single Ply

**KROECKER, INC**  
DEMOLITION AND RECYCLING CONTRACTORS

CALL: 442-3 S. Chestnut Ave. Fresno, CA 93725-9370  
FAX: (559) 237-3164 (FRESNO)  
FAX: (559) 268-3366 (DEMOL)



**LOUIE TOVAR**

Estimator  
Cell: (559) 908-3172  
louie@kroeckerinc.com  
kroeckerinc.com



**SERBAN**  
Sound & Communications

**All Tech**  
FIRE & SECURITY INC

**Kyle Lillard**  
Business Development

Cell (661) 331-0669  
Phone (661) 371-3300 ext 127  
Fax (661) 371-2628  
killard@serban.com

10010 Rosedale Hwy Site A  
Bakersfield, CA 93312  
LIC# 401115 C-7, C-10  
LIC# 1000173 C-10, C-16

**EMCOR Services**

Mesa Energy  
Licenses #11975 & CA, CV, CH, CM, CW, CA#  
Mesa Energy Systems, Inc.

**CEAC HENRIKSEN**  
Project Estimator  
1822 N. 9th Blvd.  
Bakersfield, CA 93308  
Tel: (661) 335-1500  
Cell: (661) 865-6716  
E-mail: CEAC@HENRIKSEN.COM



Visalia • San Diego • Thousand Oaks • Fresno • Bakersfield • Central Coast  
San Francisco • Sacramento • Phoenix • Las Vegas • Reno • Seattle



**Demolition**  
Asbestos Removal  
D.O.S.H. 1142

**Hazardous Waste**  
Removal  
Lic. #816496

**BOWEN ENGINEERING AND ENVIRONMENTAL**

**DANIEL BOWEN**

(559) 233-7464  
(559) 233-7468 Fax  
(559) 974-5311 Cell

4664 S. Cedar  
Fresno CA 93725  
office@bowendemo.com

4423 S. Chestnut Ave.  
Fresno, CA 93725-9370



NATIONAL  
DEMOLITION  
ASSOCIATION  
TEL: (559) 237-3164 (FRESNO)  
FAX: (559) 268-3366 (DEMOL)

**SAFEWORLD** CM



**CONSTRUCTION**  
BUILDING A BETTER  
COMMUNITY

**JENNIFER GANGL**  
Estimating Analyst

☎ 661-832-7797  
☎ 661-835-9270  
✉ jengangl@jtsconstruction.com  
🌐 jtsconstruction.com

Mailing: P.O. Box 41765, Bakersfield, California 93384  
Office: 7001 McDowell Drive, Bakersfield, California 93313

**ESTIMATING**



**CONSTRUCTION**  
BUILDING A BETTER  
COMMUNITY

☎ 661-833-9270  
☎ 661-835-8424  
✉ estimating@jtsconstruction.com  
🌐 jtsconstruction.com

Mailing: P.O. Box 41765, Bakersfield, California 93384  
Office: 7001 McDowell Drive, Bakersfield, California 93313

**HONESTY • PROFESSIONALISM • SERVICE**

**HONESTY • PROFESSIONALISM • SERVICE**



**S SERVICES & SYSTEMS**



Audio Visual Systems  
Telephone Systems  
Intercom Systems  
Mass Notification  
Professional Sound  
Nurse Call  
Fiber & Data Cabling

[WWW.SERBAN.COM](http://WWW.SERBAN.COM)

Fire Alarm Systems  
Testing and Inspection  
Access Control  
Security Systems  
Surveillance Systems  
Suppression Systems  
Security & Fire Alarm Monitoring

[WWW.ALLTECHFIRE.COM](http://WWW.ALLTECHFIRE.COM)



**S SERVICES & SYSTEMS**



Audio Visual Systems  
Telephone Systems  
Intercom Systems  
Mass Notification  
Professional Sound  
Nurse Call  
Fiber & Data Cabling

[WWW.SERBAN.COM](http://WWW.SERBAN.COM)

Fire Alarm Systems  
Testing and Inspection  
Access Control  
Security Systems  
Surveillance Systems  
Suppression Systems  
Security & Fire Alarm Monitoring

[WWW.ALLTECHFIRE.COM](http://WWW.ALLTECHFIRE.COM)

**Services Offered**

HVAC MAINTENANCE AND SERVICE  
PLUMBING SERVICE  
PROJECTS PIPING  
DESIGN BUILD RETROFITS

**Quality Policy**

OUR QUALITY POLICY IS TO PROVIDE PRODUCTS AND SERVICES THAT:

Bring Benefit to our Customers and Stockholders  
Constantly Evolve to Meet the Requirements of our Customers  
Embrace Existing and Emerging Technologies

**COMMERCIAL • RESIDENTIAL**  
**NEW • REMODEL**

Porcelain • Stone • Glass • Mosaics • Stone & Quartz Slabs

[www.vetile.com](http://www.vetile.com)

Se Hobbies Español • João Portugues



★★★★★

**YOUR 100% SOLUTION**

Fire Alarm - Security  
Structural Cabling  
Tele-Data Communication  
Audio/Visual  
Sound & Communication

[www.becinc.net](http://www.becinc.net)



**BAKERSFIELD CITY SCHOOL DISTRICT  
FREMONT ELEMENTARY SCHOOL DISTRICT**

**CAMPUS HVAC SYSTEM UPGRADES**

**MANDATORY PRE-BID JOBWALK  
AGENDA**

**MANDATORY  
PRE-BID MEETING & JOB WALK AGENDA**

**BID No. 22213.00-26**

**Campus HVAC System Upgrades**

**Location:** Fremont Elementary School – Staff Parking Lot  
607 Texas St., Bakersfield, CA 93307

**Date & Time:** 01/31/2024 @ 3:00 p.m.

---

**I. INTRODUCTIONS**

- A. Please Sign Attendance Sheet
  - B. Please Silence your Mobile/Electronic Devices
  - C. Welcome and Introductions
1. **Owner: Bakersfield City School District**
    - a. Daniel Wastafarro; Assistant Director II, M&O and Facilities
      - i. E-mail: [wastaferro@bcsd.com](mailto:wastaferro@bcsd.com)
    - b. Grant Southwell; Operations Manager
      - i. E-mail: [southwellg@bcsd.com](mailto:southwellg@bcsd.com)
  2. **Construction Management Team: SafeworkCM**
    - a. Michael Villegas; Vice President
    - b. Estevan Sanchez; Preconstruction Manager
      - i. E-mail: [Estevan.sanchez@safeworkcm.com](mailto:Estevan.sanchez@safeworkcm.com)
    - c. Tom Anderson; Sr. Project Manager
      - i. E-mail: [Tom.anderson@safeworkcm.com](mailto:Tom.anderson@safeworkcm.com)
      - ii. Phone: 502-334-8078
    - d. Caryn Cowin; Project Manager
    - e. Michael Delgado; Project Engineer
      - i. E-mail: [Michael.Delgado@safeworkcm.com](mailto:Michael.Delgado@safeworkcm.com)
      - ii. Phone: 909-368-3323
  3. **Architect of Record - AP Architects**
    - a. Patrick Fogarty; Principal Architect
      - i. E-mail: [mcastellanos@aparchitects.net](mailto:mcastellanos@aparchitects.net)
    - b. Miguel Castellanos; Architect
      - i. E-mail: [pfogarty@aparchitects.net](mailto:pfogarty@aparchitects.net)
  4. **YES Environmental – Environmental Consultant**
    - a. Kristy Yowell
  5. **Project Inspector – TBD**
  6. **Lab of Record – TBD**
  7. **Labor Compliance Consultant – TBD**

**II. GENERAL INFORMATION**

A. Notice for Invitation to Bid as posted on 1/16/2024.

<http://mot.bcsd.com/Construction%20Consultants/22216.00-35%20Fremont%20ES%20Campus%20HVAC%20Systems%20Updgrades/>

**III. PROJECT DESCRIPTION**

A. General Description of Project:

B. The Work consists of: Selective Demolition and Construction necessary for the 2-Phase Modernization of Fremont Elementary School. Existing Building(s) C, D, E, F, R19, & R20 will be Modernized in 2-Phases along with all Campus Fire Alarm Upgrades, ADA, & Site/ Chiller Yards. This work is associated with Civil, Architectural, Structural, Plumbing, Mechanical and Electrical-Low Voltage work as indicated in the Drawings and Specifications. Generally, these categories of work involve New Finishes, Hazardous Material Abatement, Demolition, Accessibility Compliance, Re-Roofing, HVAC Upgrades at Instructional Areas, Expanding Selected Infrastructure Utilities, Campus-Wide Fire Alarm Upgrades, and Extensive Modifications. The Project will involve the phasing and barricading of work areas as indicated on the Phasing Plan and enumerated in these Specifications. This is a Multiple Prime Package project as clarified below, Phase 1 Milestone construction duration will take place starting Spring 2024.

C. Project will be constructed under Multiple Prime Bid Packages. This will be a CM Multiple Prime Delivery Method. Please see updated Bid Package breakdown below Contractor shall review project scope and create a preliminary milestone schedule to ensure the existing mechanical system remains energized during construction duration.

D. **Bid Package Breakdown:**

a) #FES-01 – Demolition & Abatement; (B) or (C-21/22)

b) #FES-02 – General Trade; (B)

c) #FES-03 – Mechanical; (C-20)

d) #FES-04 – Electrical & Low Voltage; (C-10)

e) #FES-05 – Plumbing & Site Utilities; (C-36)

f) #FES-06 – Carpet; (C-15)

g) #FES-07 – Ceramic Tile; (C-54)

E. Agencies Having Jurisdiction

a. Bakersfield City School District

- b. DSA
- c. Local Authorities Having Jurisdiction.

#### IV. PUBLIC BID PROCESS

- A. Notice of Invitation NIB #22213.00-26 – Posted on 1/16/2024
- B. Bid Submission – will be due on 02/29/2024 @ 2:00pm and submitted to the Bakersfield City School District – 1501 Feliz Drive, 93307.
  - 1. Bid Submission Instructions – read and follow them carefully.
- C. Bidding documents required (reference the Contract Documents)

#### V. CONTRACT REQUIREMENTS

- A. Construction Schedule
  - i. **Phase 1**
    - Start Date 04/08/2024
    - Duration; 122 Calendar Days
    - Phase 1 Completion Date; 08/08/2024
  - ii. **Phase 2**
    - Start Date 08/08/2024
    - Duration: 122 Calendar Days
    - Phase 2 Completion Date; 12/08/2024
- B. Contract Terms and Conditions
  - 1. Public Works Project requiring Director of Industrial Relations Registration (DIR) for all trades and Prevailing Wage requirements.
  - 2. Bonds
    - a. 10% Bid Bond
    - b. 100% Performance and Payment Bond(s) will be required in the contract.
  - 3. Liquidated Damages: \$1,000.00 per Calendar Day.

#### VI. JOB WALK

- A. Site visit immediately following pre-bid meeting.
- B. Site visits requested after the job walk require a 48-hour notice. Contact Tom Anderson (Senior Project Manager) at [tom.anderson@safeworkcm.com](mailto:tom.anderson@safeworkcm.com), Michael Delgado (Project Engineer) at [michael.delgado@safeworkcm.com](mailto:michael.delgado@safeworkcm.com), [Estevan.sanchez@safeworkcm.com](mailto:Estevan.sanchez@safeworkcm.com), and CC Daniel Wastaferrero (BCSD) at [wastaferrero@bcsd.com](mailto:wastaferrero@bcsd.com) and Grant Southwell at [southwellg@bcsd.com](mailto:southwellg@bcsd.com) to schedule any site visits after the job walk, if necessary.



**BAKERSFIELD CITY SCHOOL DISTRICT  
FREMONT ELEMENTARY SCHOOL DISTRICT  
CAMPUS HVAC SYSTEM UPGRADES**

**PRELIMINARY  
BASELINE SCHEDULE**



Activity ID	Activity Name	OD	RD	Start	Finish	Total Float	Qtr 1, 2024												Qtr 2, 2024				Qtr 3, 2024			Qtr 4, 2024			Qtr 1, 2025				2, 2025	
							Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Jan	Feb	Mar	Jan	Feb	Mar	Apr	Jan	Feb	Mar	Apr	
<b>BCSD Fremont Campus HVAC Sys. Upgrade - Baseline DRAFT R1</b>							07-Dec-24 04:00 PM, BCSD Fremont Camp																											
<b>Milestones</b>							07-Dec-24 04:00 PM, Milestones																											
<b>Procurement</b>							05-Apr-24 04:00 PM, Procurement																											
A1000	Notice Inviting Bids Issue (1/16/24)	0	0	16-Jan-24			◆ Notice Inviting Bids Issue (1/16/24)																											
A1010	Manadatory Jobwalk (1/31/24)	0	0		31-Jan-24		◆ Manadatory Jobwalk (1/31/24)																											
A1020	Pre-Bid RFC Due (2/21/24)	0	0		21-Feb-24	27	◆ Pre-Bid RFC Due (2/21/24)																											
A1030	Final Addendum (2/26/24)	0	0		26-Feb-24	22	◆ Final Addendum (2/26/24)																											
A1040	Bids Due (2/29/24)	0	0		29-Feb-24	19	◆ Bids Due (2/29/24)																											
A3260	Board Approval (3/19/24)	0	0		19-Mar-24	0	◆ Board Approval (3/19/24)																											
A3270	Bid Package Contract Execution	18	18	19-Mar-24	05-Apr-24	0	■ Bid Package Contract Execution																											
<b>Construction Phase 1</b>							07-Aug-24 04:00 PM, Construction Phase 1																											
A1060	Phase 1 Start (4/8/24)	0	0	08-Apr-24		0	◆ Phase 1 Start (4/8/24)																											
A1070	Construction Duration (122 CD)	122	122	08-Apr-24	07-Aug-24	0	■ Construction Duration (122 CD)																											
A1080	Phase 1 Completion (8/8/24)	0	0		07-Aug-24	0	◆ Phase 1 Completion (8/8/24)																											
<b>Construction Phase 2</b>							07-Dec-24 04:00 PM, Construction Phase 2																											
A1100	Phase 2 Start (8/8/24)	0	0	08-Aug-24		0	◆ Phase 2 Start (8/8/24)																											
A1110	Construction Duration (122 CD)	122	122	08-Aug-24	07-Dec-24	0	■ Construction Duration (122 CD)																											
A1120	Phase 2 Completion (12/8/24)	0	0		07-Dec-24	0	◆ Phase 2 Completion (12/8/24)																											
<b>Overall Construction</b>							07-Dec-24 04:00 PM, Overall Construction																											
A1140	Total Construction Duration (244 CD)	244	244	08-Apr-24	07-Dec-24	0	■ Total Construction Duration (244 CD)																											
<b>Submittals</b>							10-Jun-24 04:00 PM, Submittals																											
<b>Procure/Submit</b>							20-May-24 04:00 PM, Procure/Submit																											
A3140	P/S PCC Mix Design	10	10	08-Apr-24	19-Apr-24	20	■ P/S PCC Mix Design																											
A3160	P/S HMA Mix Design	10	10	08-Apr-24	19-Apr-24	144	■ P/S HMA Mix Design																											
A1180	P/S Fire Alarm Materials	10	10	08-Apr-24	19-Apr-24	4	■ P/S Fire Alarm Materials																											
A1190	P/S HVAC Materials	10	10	08-Apr-24	19-Apr-24	122	■ P/S HVAC Materials																											
A1200	P/S Interior Finishes	10	10	08-Apr-24	19-Apr-24	121	■ P/S Interior Finishes																											
A1210	P/S Plumbing Fixtures	10	10	08-Apr-24	19-Apr-24	20	■ P/S Plumbing Fixtures																											
A3180	P/S Haz Material Reporting	10	10	07-May-24	20-May-24	125	■ P/S Haz Material Reporting																											
<b>Review/Approve</b>							10-Jun-24 04:00 PM, Review/Approve																											
A3150	R/A PCC Mix Design	21	21	20-Apr-24	10-May-24	30	■ R/A PCC Mix Design																											
A3170	R/A HMA Mix Design	21	21	20-Apr-24	10-May-24	208	■ R/A HMA Mix Design																											
A1250	R/A Fire Alarm Materials	21	21	20-Apr-24	10-May-24	6	■ R/A Fire Alarm Materials																											
A1260	R/A HVAC Materials	21	21	20-Apr-24	10-May-24	177	■ R/A HVAC Materials																											
A1270	R/A Interior Finishes	21	21	20-Apr-24	10-May-24	174	■ R/A Interior Finishes																											
A1280	R/A Plumbing Fixtures	21	21	20-Apr-24	10-May-24	30	■ R/A Plumbing Fixtures																											
A3190	R/A Haz Material Reporting	21	21	21-May-24	10-Jun-24	180	■ R/A Haz Material Reporting																											
<b>Procurement</b>							08-Jul-24 04:00 PM, Procurement																											
A1320	HVAC Units (Delivery to Site)	10	10	11-May-24	20-May-24	177	■ HVAC Units (Delivery to Site)																											
A1330	Fire Alarm System	59	59	11-May-24	08-Jul-24	6	■ Fire Alarm System																											
<b>Permits &amp; Notifications</b>							27-Apr-24 04:00 PM, Permits & Notifications																											
A2970	AQMD Notification- Bldg. E, F, R20, R21	10	10	08-Apr-24	17-Apr-24	4	■ AQMD Notification- Bldg. E, F, R20, R21																											
A2960	Fire Permit for Upgraded Fire Alarm System	15	15	08-Apr-24	22-Apr-24	229	■ Fire Permit for Upgraded Fire Alarm System																											
A3200	Construction Permits	15	15	08-Apr-24	22-Apr-24	229	■ Construction Permits																											
A2980	AQMD Notification- Bldg. C & D	10	10	18-Apr-24	27-Apr-24	102	■ AQMD Notification- Bldg. C & D																											
<b>Construction</b>							31-Oct-24 04:00 PM, Construction																											

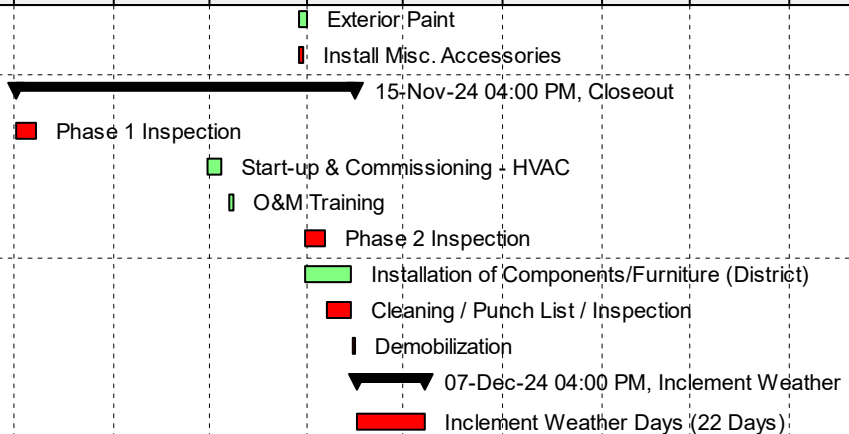
Activity ID	Activity Name	OD	RD	Start	Finish	Total Float	Qtr 1, 2024				Qtr 2, 2024			Qtr 3, 2024			Qtr 4, 2024			Qtr 1, 2025						
							Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr				
A3110	Mobilization & Site Setup	10	10	08-Apr-24	19-Apr-24	0																				
A3240	Removal of Existing Components/Furniture (District)	3	3	08-Apr-24	10-Apr-24	7																				
<b>Phase 1</b>							73	73	22-Apr-24	02-Aug-24	86															
<b>Campus Fire Alarm Upgrades</b>							72	72	22-Apr-24	01-Aug-24	4															
A3210	Safe Off Required Electrical	1	1	22-Apr-24	22-Apr-24	55																				
A1430	Remove Power Extender	1	1	23-Apr-24	23-Apr-24	55																				
A1450	Remove FATC	1	1	24-Apr-24	24-Apr-24	55																				
A1460	Remove/Replace DPM	1	1	09-Jul-24	09-Jul-24	4																				
A1470	Replace Voice Panel	1	1	10-Jul-24	10-Jul-24	4																				
A1480	Replace Battery Cabinet	2	2	11-Jul-24	12-Jul-24	4																				
A1490	Replace FACP	1	1	15-Jul-24	15-Jul-24	4																				
A1390	Install New Panels (Exterior Bldgs)	5	5	16-Jul-24	22-Jul-24	4																				
A1440	Replace Smoke Detector Heads	5	5	23-Jul-24	29-Jul-24	4																				
A2920	Testing - Fire Alarm System	2	2	30-Jul-24	31-Jul-24	4																				
A3120	Inspection - Fire Alarm System	1	1	01-Aug-24	01-Aug-24	4																				
<b>Site</b>							73	73	22-Apr-24	02-Aug-24	86															
<b>Demo/Removals</b>							35	35	22-Apr-24	10-Jun-24	124															
A1540	Remove Landscaping/Irrigation	5	5	22-Apr-24	26-Apr-24	109																				
A1550	Cut/Cap Exist. Utilities	5	5	29-Apr-24	03-May-24	109																				
A1560	Mech. Yard Removals	5	5	06-May-24	10-May-24	109																				
A1570	Sawcut Concrete/AC	5	5	13-May-24	17-May-24	109																				
A1580	Demo Concrete & AC	5	5	20-May-24	24-May-24	109																				
A1590	Remove Exist. Concrete Util. Trench	5	5	28-May-24	03-Jun-24	124																				
A1600	Remove/Abate Existing Wood Header	5	5	04-Jun-24	10-Jun-24	124																				
<b>Sitework</b>							48	48	28-May-24	02-Aug-24	86															
A1620	E/L/B Electrical Conduit & Pull Box	15	15	28-May-24	17-Jun-24	109																				
A1650	HVAC Unit Slab - Excavate	2	2	28-May-24	29-May-24	110																				
A1660	HVAC Unit Slab - Place CL2AB	1	1	30-May-24	30-May-24	116																				
A1700	R19 Ext. Concrete - Excavate	3	3	30-May-24	03-Jun-24	110																				
A1670	HVAC Unit Slab - FRPS	10	10	31-May-24	13-Jun-24	116																				
A1710	R19 Ext. Concrete - Place CL2AB	2	2	04-Jun-24	05-Jun-24	112																				
A1730	Drinking Fountain Concrete - Excavate	2	2	04-Jun-24	05-Jun-24	110																				
A1810	Utility Trench Concrete Infill	2	2	04-Jun-24	05-Jun-24	127																				
A1720	R19 Ext. Concrete - FRPS	10	10	06-Jun-24	19-Jun-24	112																				
A1740	Install DF UG Plumbing	3	3	06-Jun-24	10-Jun-24	110																				
A1780	Concrete Landing - Excavate	3	3	06-Jun-24	10-Jun-24	112																				
A1750	Drinking Fountain Concrete- Place CL2AB	2	2	11-Jun-24	12-Jun-24	110																				
A1790	Concrete Landing - Place CL2AB	2	2	11-Jun-24	12-Jun-24	112																				
A1820	Flush Conc. Paving at Ex. Finish Flr (Door)	5	5	12-Jun-24	18-Jun-24	118																				
A1760	Drinking Fountain Concrete - FRPS	10	10	13-Jun-24	26-Jun-24	110																				
A1800	Concrete Landing - FRPS Concrete	10	10	13-Jun-24	26-Jun-24	112																				
A1680	Set HVAC Units	3	3	14-Jun-24	18-Jun-24	116																				
A1630	Pull Electrical Wire	5	5	18-Jun-24	24-Jun-24	109																				
A1830	Install 2.5"AC over 11" CL2AB - Util. Trench	2	2	18-Jun-24	19-Jun-24	117																				
A1690	Install CL Fence	2	2	19-Jun-24	20-Jun-24	116																				
A1850	Remove Existing Striping	3	3	20-Jun-24	24-Jun-24	112																				
A1860	Install Striping	2	2	25-Jun-24	26-Jun-24	112																				

█ Remaining Level of Effort   
█ Remaining Work   
◆ Milestone   
█ Actual Work   
█ Critical Remaining Work   
 Summary

Activity ID	Activity Name	OD	RD	Start	Finish	Total Float	Qtr 1, 2024				Qtr 2, 2024			Qtr 3, 2024			Qtr 4, 2024			Qtr 1, 2025		2, 2025
							Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
							A1770	Install Dual HT Drinking Fountain	2	2	27-Jun-24 C	28-Jun-24 C	110									
A1840	Install 2.5"AC over 11" CL2AB - Misc. Areas	2	2	27-Jun-24 C	28-Jun-24 C	110																
A1640	Terminate Wiring	5	5	23-Jul-24 O	29-Jul-24 O	90																
A1870	Repair Landscaping/Irrigation	5	5	29-Jul-24 O	02-Aug-24 C	86																
<b>Buildings E, F, R19, R20</b>		<b>71</b>	<b>71</b>	<b>22-Apr-24 O</b>	<b>31-Jul-24 O</b>	<b>88</b>																
<b>Demo/Removals</b>		<b>26</b>	<b>26</b>	<b>22-Apr-24 O</b>	<b>28-May-24 C</b>	<b>3</b>																
A2990	Building E Abatement	3	3	22-Apr-24 O	24-Apr-24 O	0																
A3000	Building F Abatement	3	3	25-Apr-24 O	29-Apr-24 O	0																
A3050	Building E Clearance	1	1	25-Apr-24 O	25-Apr-24 O	0																
A1920	Building E Interior Removals	3	3	26-Apr-24 O	30-Apr-24 O	0																
A3010	Building R19 Abatement	2	2	30-Apr-24 O	01-May-24 C	1																
A3060	Building F Clearance	1	1	30-Apr-24 O	30-Apr-24 O	0																
A1930	Building F Interior Removals	3	3	01-May-24 C	03-May-24 C	0																
A3020	Building R20 Abatement	2	2	02-May-24 C	03-May-24 C	1																
A3070	Building R19 Clearance	1	1	02-May-24 C	02-May-24 C	1																
A3080	Building R20 Clearance	1	1	06-May-24 C	06-May-24 C	1																
A1940	Building R19 Interior Removals	2	2	06-May-24 C	07-May-24 C	0																
A1950	Building R20 Interior Removals	2	2	08-May-24 C	09-May-24 C	0																
A1960	Building Bathroom Interior Removals	2	2	10-May-24 C	13-May-24 C	0																
A1970	Sawcut/Demo Interior Concrete	1	1	14-May-24 C	14-May-24 C	12																
A1980	Building E Exterior Removals	2	2	14-May-24 C	15-May-24 C	0																
A2020	Building Bathroom Exterior Removals	2	2	14-May-24 C	15-May-24 C	4																
A1990	Building F Exterior Removals	2	2	16-May-24 C	17-May-24 C	0																
A2000	Building R19 Exterior Removals	1	1	20-May-24 C	20-May-24 C	0																
A2010	Building R20 Exterior Removals	1	1	21-May-24 C	21-May-24 C	0																
A2030	Remove/ Repair/Replace Exist. Roofing	4	4	22-May-24 C	28-May-24 C	0																
<b>Interior &amp; Roof Work</b>		<b>34</b>	<b>34</b>	<b>15-May-24 C</b>	<b>02-Jul-24 O</b>	<b>108</b>																
A2070	Install/Relocate Plumbing	5	5	15-May-24 C	21-May-24 C	12																
A2080	Install/Relocate Electrical	5	5	15-May-24 C	21-May-24 C	12																
A2090	Concrete Slab Infill	1	1	22-May-24 C	22-May-24 C	12																
A2100	Install Gyp. Board/Tape & Finish	5	5	23-May-24 C	30-May-24 C	12																
A2130	Install Roof HVAC Mounts	3	3	29-May-24 C	31-May-24 C	0																
A2110	Install Alum Windows	5	5	31-May-24 C	06-Jun-24 C	108																
A2140	Set Roof HVAC Units	5	5	03-Jun-24 C	07-Jun-24 C	115																
A2150	Install HVAC Ductwork/Vents - Interior	3	3	03-Jun-24 C	05-Jun-24 C	0																
A2180	Install Ceiling	6	6	06-Jun-24 C	13-Jun-24 C	0																
A2210	Install/Replace Doors	3	3	07-Jun-24 C	11-Jun-24 O	108																
A2160	Install HVAC Ductwork - Exterior	5	5	10-Jun-24 C	14-Jun-24 C	115																
A2200	Repair/Replace Exterior Cem Plaster	15	15	12-Jun-24 C	02-Jul-24 O	108																
A2120	Install Cabinetry	5	5	14-Jun-24 C	20-Jun-24 C	0																
A2170	Install HVAC Controllers	5	5	17-Jun-24 C	21-Jun-24 C	115																
A2190	Install Carpet	3	3	21-Jun-24 C	25-Jun-24 C	0																
<b>Bathrooms</b>		<b>12</b>	<b>12</b>	<b>22-May-24 C</b>	<b>07-Jun-24 C</b>	<b>12</b>																
A2250	Install/Relocate Plumbing	5	5	22-May-24 C	29-May-24 C	12																
A2260	Concrete Slab Infill	1	1	30-May-24 C	30-May-24 C	12																
A2270	Install Gyp. Board/Tape & Finish	3	3	31-May-24 C	04-Jun-24 C	12																
A2280	Install Tile	3	3	05-Jun-24 C	07-Jun-24 C	12																

Activity ID	Activity Name	OD	RD	Start	Finish	Total Float	Qtr 1, 2024				Qtr 2, 2024			Qtr 3, 2024			Qtr 4, 2024			Qtr 1, 2025							
							Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr					
<b>Finish Work</b>		25	25	26-Jun-24 C	31-Jul-24 0	0																		31-Jul-24 04:00 PM, Finish Work			
A2320	Install Sink and Fixtures	4	4	26-Jun-24 C	01-Jul-24 0	0																		■ Install Sink and Fixtures			
A2330	Install Partitions	2	2	02-Jul-24 0	03-Jul-24 0	0																		■ Install Partitions			
A2340	Install Bathroom Accessories	3	3	05-Jul-24 0	09-Jul-24 0	0																		■ Install Bathroom Accessories			
A2350	Install Light Fixtures	5	5	10-Jul-24 0	16-Jul-24 0	0																		■ Install Light Fixtures			
A2360	Interior Paint	5	5	17-Jul-24 0	23-Jul-24 0	0																		■ Interior Paint			
A2370	Exterior Paint	3	3	24-Jul-24 0	26-Jul-24 0	0																		■ Exterior Paint			
A2380	Install Misc. Accessories	3	3	29-Jul-24 0	31-Jul-24 0	0																		■ Install Misc. Accessories			
<b>Phase 2</b>		60	60	08-Aug-24 C	31-Oct-24 C	23																		31-Oct-24 04:00 PM, Phase 2			
<b>Building C &amp; D</b>		60	60	08-Aug-24 C	31-Oct-24 C	23																		31-Oct-24 04:00 PM, Building C & D			
<b>Demo/Removals</b>		29	29	08-Aug-24 C	18-Sep-24 C	40																		18-Sep-24 04:00 PM, Demo/Removals			
A3030	Building C Abatement	3	3	08-Aug-24 C	12-Aug-24 C	0																		■ Building C Abatement			
A3040	Building D Abatement	3	3	13-Aug-24 C	15-Aug-24 C	1																		■ Building D Abatement			
A3090	Building C Clearance	1	1	13-Aug-24 C	13-Aug-24 C	0																		■ Building C Clearance			
A2430	Building C Interior Removals	4	4	14-Aug-24 C	19-Aug-24 C	0																		■ Building C Interior Removals			
A3100	Building D Clearance	1	1	16-Aug-24 C	16-Aug-24 C	1																		■ Building D Clearance			
A2440	Building D Interior Removals	4	4	20-Aug-24 C	23-Aug-24 C	0																		■ Building D Interior Removals			
A2470	Building Bathroom Interior Removals	2	2	26-Aug-24 C	27-Aug-24 C	0																		■ Building Bathroom Interior Removals			
A2480	Sawcut/Demo Interior Concrete	3	3	28-Aug-24 C	30-Aug-24 C	40																		■ Sawcut/Demo Interior Concrete			
A2490	Building C Exterior Removals	3	3	03-Sep-24 C	05-Sep-24 C	40																		■ Building C Exterior Removals			
A2500	Building D Exterior Removals	3	3	06-Sep-24 C	10-Sep-24 C	40																		■ Building D Exterior Removals			
A2530	Building Bathroom Exterior Removals	1	1	11-Sep-24 C	11-Sep-24 C	40																		■ Building Bathroom Exterior Removals			
A2540	Remove/ Repair/Replace Exist. Roofing	5	5	12-Sep-24 C	18-Sep-24 C	40																		■ Remove/ Repair/Replace Exist. Roofing			
<b>Interior &amp; Roof Work</b>		31	31	28-Aug-24 C	10-Oct-24 C	38																		10-Oct-24 04:00 PM, Interior & Roof Work			
A2580	Install/Relocate Plumbing	5	5	28-Aug-24 C	04-Sep-24 C	16																		■ Install/Relocate Plumbing			
A2590	Install/Relocate Electrical	4	4	28-Aug-24 C	03-Sep-24 C	0																		■ Install/Relocate Electrical			
A2600	Concrete Slab Infill	2	2	04-Sep-24 C	05-Sep-24 C	0																		■ Concrete Slab Infill			
A2620	Install Alum Windows	3	3	06-Sep-24 C	10-Sep-24 C	0																		■ Install Alum Windows			
A2700	Install/Replace Doors	3	3	11-Sep-24 C	13-Sep-24 C	0																		■ Install/Replace Doors			
A2610	Install Gyp. Board/Tape & Finish	4	4	16-Sep-24 C	19-Sep-24 C	0																		■ Install Gyp. Board/Tape & Finish			
A2690	Repair/Replace Exterior Cem Plaster	10	10	16-Sep-24 C	27-Sep-24 C	47																		■ Repair/Replace Exterior Cem Plaster			
A2640	Install Roof HVAC Mounts	5	5	19-Sep-24 C	25-Sep-24 C	40																		■ Install Roof HVAC Mounts			
A2660	Install Ductwork	4	4	20-Sep-24 C	25-Sep-24 C	0																		■ Install Ductwork			
A2650	Set Roof HVAC Units	2	2	26-Sep-24 C	27-Sep-24 C	40																		■ Set Roof HVAC Units			
A2670	Install Ceiling	4	4	26-Sep-24 C	01-Oct-24 C	0																		■ Install Ceiling			
A2630	Install Cabinetry	4	4	02-Oct-24 C	07-Oct-24 C	0																		■ Install Cabinetry			
A2680	Install Carpet	3	3	08-Oct-24 C	10-Oct-24 C	0																		■ Install Carpet			
<b>Bathrooms</b>		10	10	05-Sep-24 C	18-Sep-24 C	16																		18-Sep-24 04:00 PM, Bathrooms			
A2740	Install/Relocate Plumbing	3	3	05-Sep-24 C	09-Sep-24 C	16																		■ Install/Relocate Plumbing			
A2750	Concrete Slab Infill	2	2	10-Sep-24 C	11-Sep-24 C	16																		■ Concrete Slab Infill			
A2760	Install Gyp. Board	3	3	12-Sep-24 C	16-Sep-24 C	16																		■ Install Gyp. Board			
A2770	Install Tile	2	2	17-Sep-24 C	18-Sep-24 C	16																		■ Install Tile			
<b>Finish Work</b>		15	15	11-Oct-24 0	31-Oct-24 C	10																		31-Oct-24 04:00 PM, Finish Work			
A2810	Install Sink and Fixtures	3	3	11-Oct-24 0	15-Oct-24 C	0																		■ Install Sink and Fixtures			
A2820	Install Partitions	1	1	16-Oct-24 C	16-Oct-24 C	0																		■ Install Partitions			
A2830	Install Bathroom Accessories	2	2	17-Oct-24 C	18-Oct-24 C	0																		■ Install Bathroom Accessories			
A2840	Install Light Fixtures	3	3	21-Oct-24 C	23-Oct-24 C	0																		■ Install Light Fixtures			
A2850	Interior Paint	3	3	24-Oct-24 C	28-Oct-24 C	0																		■ Interior Paint			

Activity ID	Activity Name	OD	RD	Start	Finish	Total Float	Qtr 1, 2024				Qtr 2, 2024			Qtr 3, 2024			Qtr 4, 2024			Qtr 1, 2025		2, 2025
							Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
							A2860	Exterior Paint	3	3	29-Oct-24 C	31-Oct-24 C	10									
A2870	Install Misc. Accessories	2	2	29-Oct-24 C	30-Oct-24 C	0																
<b>Closeout</b>		<b>75</b>	<b>75</b>	<b>01-Aug-24 C</b>	<b>15-Nov-24 C</b>	<b>13</b>																
A3220	Phase 1 Inspection	5	5	01-Aug-24 C	07-Aug-24 C	0																
A2910	Start-up & Commissioning - HVAC	5	5	30-Sep-24 C	04-Oct-24 C	40																
A3130	O&M Training	2	2	07-Oct-24 C	08-Oct-24 C	40																
A3230	Phase 2 Inspection	5	5	31-Oct-24 C	06-Nov-24 C	0																
A3250	Installation of Components/Furniture (District)	10	10	31-Oct-24 C	14-Nov-24 C	14																
A2930	Cleaning / Punch List / Inspection	5	5	07-Nov-24 C	14-Nov-24 C	0																
A2940	Demobilization	1	1	15-Nov-24 C	15-Nov-24 C	0																
<b>Inclement Weather</b>		<b>22</b>	<b>22</b>	<b>16-Nov-24 C</b>	<b>07-Dec-24 C</b>	<b>0</b>																
A2950	Inclement Weather Days (22 Days)	22	22	16-Nov-24 C	07-Dec-24 C	0																





**BAKERSFIELD CITY SCHOOL DISTRICT  
FREMONT ELEMENTARY SCHOOL DISTRICT  
CAMPUS HVAC SYSTEM UPGRADES**

**YES ENVIRONMENTAL, INC.  
LEAD REMEDIATION  
SCOPE OF WORK**



# LEAD REMEDIATION SCOPE OF WORK

## Site Information:

Fremont Elementary School – HVAC Replacement  
607 Texas Street, Bakersfield, CA 93307



## Prepared for:

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

## Prepared by:

Kristy Yowell, CAC 09-4500 / CDPH 4640  
YES Environmental, Inc. (YES, Inc.)  
YES, Inc. Project Number 23YES-87  
January 29, 2024

This SOW should be printed in color.



**LEAD SCOPE OF WORK**

Fremont Elementary School – HVAC Replacement

**PURPOSE OF PROJECT**

In order for Bakersfield City School District to modernize portions of buildings throughout the campus, lead-containing and lead-based materials will either be removed or disturbed, and the work must be done using lead-safe work practices. The contractor is responsible for field verifying their own measurements for bidding, notification, waste characterization, or any other purpose.

This Scope of Work should be used in conjunction with all Federal, State and local codes. *The information provided in this section is intended to assist the contractor in determining the extent of work; however, this information does not replace or supersede any direction or description of work as presented in the plans and specifications for this project.* If YES, Inc.'s scope of work and the plans and specifications differ, the contractor shall be obliged to bring any discrepancies to the attention of the architect/owner's representative prior to bidding the project via submission of a request for information to the architect.

**DEFINITIONS**

- Abatement Activities: precleaning of jobsite, setup of containment/regulated area, removal of asbestos-containing materials and final cleaning inside containment/regulated area in preparation for post abatement clearance air sampling or completion of work visual.
- Asbestos-Containing: material containing any detectable amount of asbestos. Acronym ACM.
- Lead-Containing: material containing any detectable amount of lead. Acronym LCP or LBP.
- Remediation Activities: precleaning of jobsite, setup of containment/regulated area, removal or disturbance of any sort of lead-containing materials and final cleaning inside containment/regulated area in preparation for job completion visual inspection by consultant.
- Contractor: Remediation contractor, abatement contractor or any trade qualified to conduct the work described in this Scope of Work.
- Consultant: BCSD's environmental consultant.

Types of Lead Materials			
Types	Definition	Lead Content Standard	
LBP	Lead-based paint, coating or material	By XRF: By Paint Chip:	1mg/cm <sup>2</sup> or greater 0.5 wt%; or 5,000 ppm or greater
LCP	Lead-containing paint, coating or material	By XRF: By Paint Chip:	<1mg/cm <sup>2</sup> <0.5 wt%; or 5,000 ppm
ND	No lead detected	By XRF: By Paint Chip:	Requires paint chip confirmation <reporting limit

Material Description	Locations	Lead Type & Result
Interior ceramic wall & baseboard tile – various colors & sizes XRF Line #s: 129	See XRF table for specific testing information Buildings C, D & E – Restrooms throughout	LBP ≥1.00 mg/cm <sup>2</sup>
Exterior paint – light grey wood fascia XRF Line #: 10	Building A – Fascia near east Staff Restrooms	LBP ≥1.00 mg/cm <sup>2</sup>





Material Description	Locations See XRF table for specific testing information	Lead Type & Result
Exterior paint – white porcelain sink XRF Line #: 23	Building A – Staff Lounge	LBP ≥1.00 mg/cm <sup>2</sup>
Exterior paint – grey metal vertical window mullion XRF Line #: 39	Buildings C, D & E	LBP ≥1.00 mg/cm <sup>2</sup>
Exterior paint – grey wood walls XRF Line #s: 201-202	All exterior wood components on R2-R9 (Classrooms 21-28)	LBP ≥1.00 mg/cm <sup>2</sup>
All other painted components on campus – interior and exterior	Throughout the buildings inspected	LCP 0.00-0.99 mg/cm <sup>2</sup>

**ADDITIONAL LEAD INFORMATION**

Contractors, whose employees work at this site, are required to assess if their work will be subject to the requirements of the Cal/OSHA lead construction standard (CCR Title 8 § 1532.1). Cal/OSHA standards are designed to regulate and enforce on-the-job worker safety. Employers are required by law to ensure that employees are not exposed to airborne lead levels which exceed the permissible exposure limit (PEL). The standard requires worker exposure monitoring, medical surveillance, training, special work practices, etc.

Each contractor/employer who bids and/or performs work at the site will need to assess potential lead exposure to employees performing their particular scope of work. Contractors who perform work at this site may need to obtain additional data (beyond the data presented in this report) during their assessment and Cal/OSHA compliance planning. Individual contractors/subcontractors should be allowed access to the project to obtain any needed data (samples, consultation, etc.) to complete their employee exposure assessment.

Any work performed at the site where LBP or LCP is likely to be disturbed should be performed by a contractor trained and qualified to perform lead-related construction work. Any work that exceeds Cal/OSHA’s permissible exposure limit or is performed to remediate a lead hazard must be conducted by CDPH certified personnel.

**LEAD REGULATIONS FURTHER EXPLAINED**

The lead work described in this Scope of Work is designed to assist the prime contractor and his sub-contractors to meet the requirements of the California lead standard for the construction industry, CCR Title 8, Section 1532.1. The requirements in this SOW are NOT intended to permanently eliminate lead-based paint or lead paint hazards. The results of the lead inspection indicate the materials anticipated to be disturbed contain lead-containing paint, not lead-based paint. Therefore, CDPH form 8551 which addresses Abatement of Lead Hazards shall not be submitted on this project.

Should changes to any of the following occur, it may result in the requirement of form 8551 to be submitted to CDPH:

- 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.



[REDACTED]

[REDACTED]

### **MORE ON ASBESTOS & LEAD LOCATIONS, CONTENT & TYPE**

Please see the attached initial asbestos and lead inspection report following this scope of work for identification of materials suspect to contain asbestos that have been sampled by YES, Inc. If any materials other than those identified in this scope of work and initial inspection are discovered and may be disturbed, work must be stopped and the project must be re-evaluated.

Of the materials being removed or disturbed, the contractor shall then refer to YES, Inc.'s initial inspection report and Scope of Work to determine the specific materials that contain asbestos and/or lead and those that have been determined to be free of asbestos and/or lead.

The initial inspection report does **not** denote materials to be removed; it reports whether materials present contain asbestos and/or lead. Contractor should refer to the architectural drawings and specifications for extent of work and locations.

### **NOTIFICATIONS**

The contractor shall be responsible for the submission of all notifications triggered by lead disturbance. This includes, but is not limited to, the renovation or demolition permit release form to San Joaquin Valley Air Pollution Control District, Cal/OSHA Asbestos Notification and the Cal/OSHA Lead Work Pre-Job Notification.

### **SUPERVISOR & WORKER TRAINING REQUIRED**

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

In addition, any contractor disturbing lead-based painted components on these structures must be RRP certified by the EPA as a company, and all individuals performing activities that disturb painted surfaces on behalf of the firm are either certified renovators or have been trained by a certified renovator. All renovations performed by the firm must be performed in accordance with the work practice standards of the Lead-Based Paint Renovation, Repair, and Painting Program in accordance with 40 CFR Part 745 Subpart E.

### **CAL/OSHA LEAD IN CONSTRUCTION STANDARD**

The requirements within this scope of work (SOW) are designed to assist the remediation contractor to meet the requirements of the Cal/OSHA lead standard for the construction industry, Title 8 CCR Section 1532.1. The more stringent requirement between this SOW and Title 8 CCR Section 1532.1 shall take precedence.

### **PRE-JOB SUBMITTAL REQUIREMENTS**

A hard copy of the remediation contractor's pre-job submittal packet shall be submitted to YES, Inc. and:

1. Include all of the items listed in the attached Submittal Requirements;
2. Be provided to and approved by YES, Inc. prior to the start of work by the remediation contractor.
3. Manifests shall be submitted to the project manager on the first day of the project for review, and also for final approval prior to waste removal from the job site.
4. Double sided copies are not acceptable.
5. Delays in providing the required submittals may affect the start of the project.
6. Electronic submittals will not be accepted.



**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		X	

**ALLOWABLE FORMS OF COMMUNICATION**

The contractor shall establish a means of communication between the supervisor and workers inside the containment/regulated area which includes two-way radios or equivalent. At no time will yelling, whistling or banging on containment, walls or on the decontamination chambers be allowed as a form of communication.

**OCCUPANCY**

This building will be unoccupied in the areas where lead disturbance is occurring. Other areas inside the building, but outside of the containment, may be occupied by staff and students, and other trades conducting work at this site.

**WASTE BIN/CONTAINERS**

All bins/containers brought on-site to deposit waste into must be lockable or securable. Bins shall be secured at the end of every shift. Plywood shall be placed under the wheels of each bin to protect the existing surface. Bins must be double lined with 6-mil poly prior to waste being deposited. Containers must have the appropriate labels affixed on them as soon as any lead-contaminated debris is deposited.

**LEAD CONTAINMENT SETUP REQUIREMENTS**

1. All poly used on this project shall be 6-mil and flame retardant.
2. A wash station that includes water, soap, towels and sticky mat shall be set up and used for hygiene purposes and to prevent the tracking out of lead-contaminated debris. Should a contractor's disturbance methods demand or choose to don disposable suits, the wash station must be built as a chamber. A chamber shall be built large enough to accommodate all workers donning PPE without being able to be seen by staff, students, or anyone else walking by.
3. The contractor is required to contain the disturbance of lead in a manner which prevents lead-contaminated dust, debris and water from leaving the regulated work area. Uncontrolled releases will not be allowed and will be cause for stopping the project until modified work practices and containment that prevent these releases from occurring are designed and implemented.
4. The containment must be developed in compliance with the requirements of CCR 8 1532.1, these specifications and must be approved by the consultant.
5. All those entering the regulated area must sign in on a roster that documents their presence in the area.

**WORKER PROTECTION**

The contractor shall provide respiratory protection as outlined in current Cal/OSHA regulations. However, at a minimum:

1. During the removal and detail cleaning of lead-containing or lead-based painted components, workers shall wear at a minimum, half-face negative-pressure respirator with P-100 HEPA cartridges.
2. Quality disposable coveralls such as Tyvek-like suits shall be worn by all workers during all remediation activities on this project. Exceptions to this must be submitted to consultant in writing for review/approval.
3. Contractor shall provide the chain of custody and laboratory results of their worker air monitoring results each week on Wednesday for the previous week's samples. Unless a negative exposure assessment is produced, worker air monitoring must continue as long as remediation activities are being performed.



### **HEPA FILTERED EQUIPMENT REQUIREMENTS**

Units arriving dirty or appearing to be contaminated shall be removed from the project site. Units must be positioned in the standard upright manner in which the manufacturer designed the equipment to operate.

### **LEAD DISTURBANCE PROCEDURES**

1. Lead remediation shall be performed using the most expedient method, contingent upon approval from the consultant.
2. All LCP and LBP components or materials must be stabilized in a manner approved by the consultant before it is disturbed.
3. All removal methods must be performed using amended water.
4. Lead-containing paints or components shall be disturbed and/or removed while being kept wet, inside a containment and promptly placed into leak-tight containers.
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. The contractor must plan only to disturb amounts of material that can be cleaned up and containerized before the next work stoppage.

### **PROHIBITED WORK PRACTICES**

1. Uncontrolled releases. This is cause for stopping the project until modified work practices and containment that prevent these releases from occurring are designed and implemented.
2. Dry removal or dry disturbance of any kind. Garden hoses are prohibited on this project during remediation activities.
3. Mechanical tools without HEPA vacuum attachment and HEPA vacuum properly attached according to manufacturer recommendation.

### **COMPLETION OF LEAD REMOVAL**

The consultant will inspect work areas for visual signs of dust and debris related to the disturbance of lead. All surface areas must be clean. Residual dust, of any nature, that was generated on this project and found within the regulated area will be assumed to contain lead and must be cleaned. A passing visual inspection shall constitute the LCP and LBP paints or components are rendered stabilized before being removed in compliance with Cal/OSHA's Lead in Construction Standard 8 CCR 1532.1 and the work identified in the architectural drawings. Should the condition of the LCP and LBP change from the date and time the visual inspection was given by the consultant, the contractor shall stop work and contact the consultant for re-evaluation and/or reinspection of the component.

### **LEAD DISPOSAL**

Waste characterization is the responsibility of the lead remediation contractor. Lead waste shall be secured on-site until characterized. Testing results shall be provided to the on-site project monitor within ten calendar days of the waste being generated. Lead waste shall be disposed of in accordance with the contractor's waste characterization.

The Contractor is required to comply with all regulations in Title 8 Section 1532.1 Lead in Construction, all appropriate sections of Title 17 Lead Related Construction and Cal/EPA Title 22 for waste classification and disposal. The containers shall be leak tight and meet the requirements as stated in these specifications. Bags and other containers shall not be overfilled.

### **Attachments:**

- A. Lead Submittal Requirements
- B. Site & Building Maps
- C. Lead Survey



## Attachment A – Submittal Requirements

### Lead Submittal Requirements

Note: not all of the items listed below are applicable for every project. Only the items applicable are required to be included in the submittal packet.

#### Prestart Submittals

1. Contractor's license(s) & Training
  - a. CSLB license
  - b. EPA RRP
  - c. Proof of Lead Training
2. Notifications
  - a. San Joaquin Valley APCD or appropriate local EPA enforcement agency for the job site location.
  - b. Cal/OSHA
    - i. Lead notification
  - c. Equipment rented
    - i. Proof the rental company has been made aware the rented equipment will be used for lead related work.
3. Site specific safety/emergency plan
  - a. This must include, but is not limited to, the nearest hospital's phone number and address;
  - b. Local police department phone number and address;
  - c. Title, name and phone number of the contractor's contact whom should be contacted in the event of an emergency.
4. Contractor worker documentation for all workers on-site
  - a. Proof of lead training (Cal/OSHA, CDPH or EPA, etc.)
  - b. Proof of medical approval to wear a respirator
  - c. Respirator fit test
5. Contractor's respiratory protection program
6. Negative exposure assessment (if requesting to don lesser PPE than specified in the SOW)
7. Safety data sheets
  - a. All hazardous materials (as defined by Cal/OSHA)
8. Waste Disposal
  - a. Paperwork for landfill proving the landfill will accept the waste
  - b. Proof of licensed waste hauler and company for hazardous waste
  - c. Waste characterization of lead waste
  - d. Manifest for all types of waste to be generated

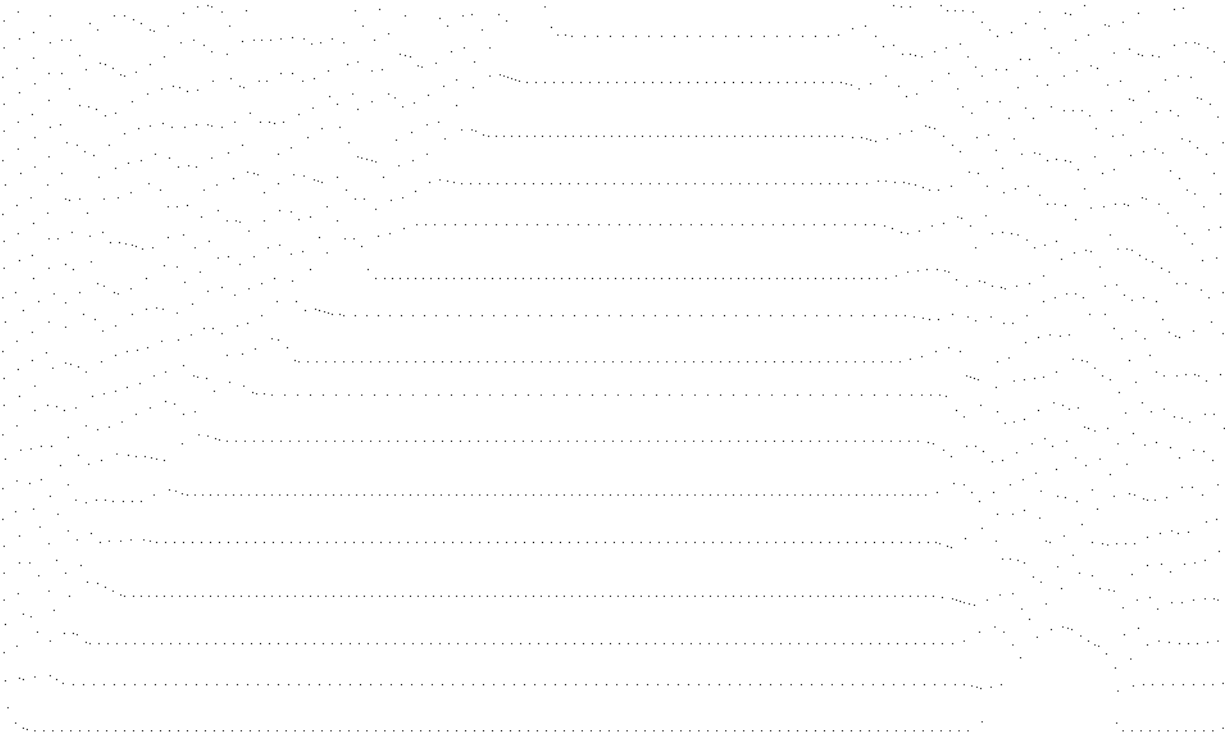


**Submittals Required During the Project**

1. Daily copies
  - a. Safety meeting (if held daily)
  - b. Worker roster of all employees onsite – regardless of training
  - c. Entry/exit log for employees entering/exiting containment/regulated area
2. Weekly
  - a. Safety meeting
  - b. Worker personal air monitoring
  - c. Area air monitoring

**Submittals Required at the Conclusion of the Project**

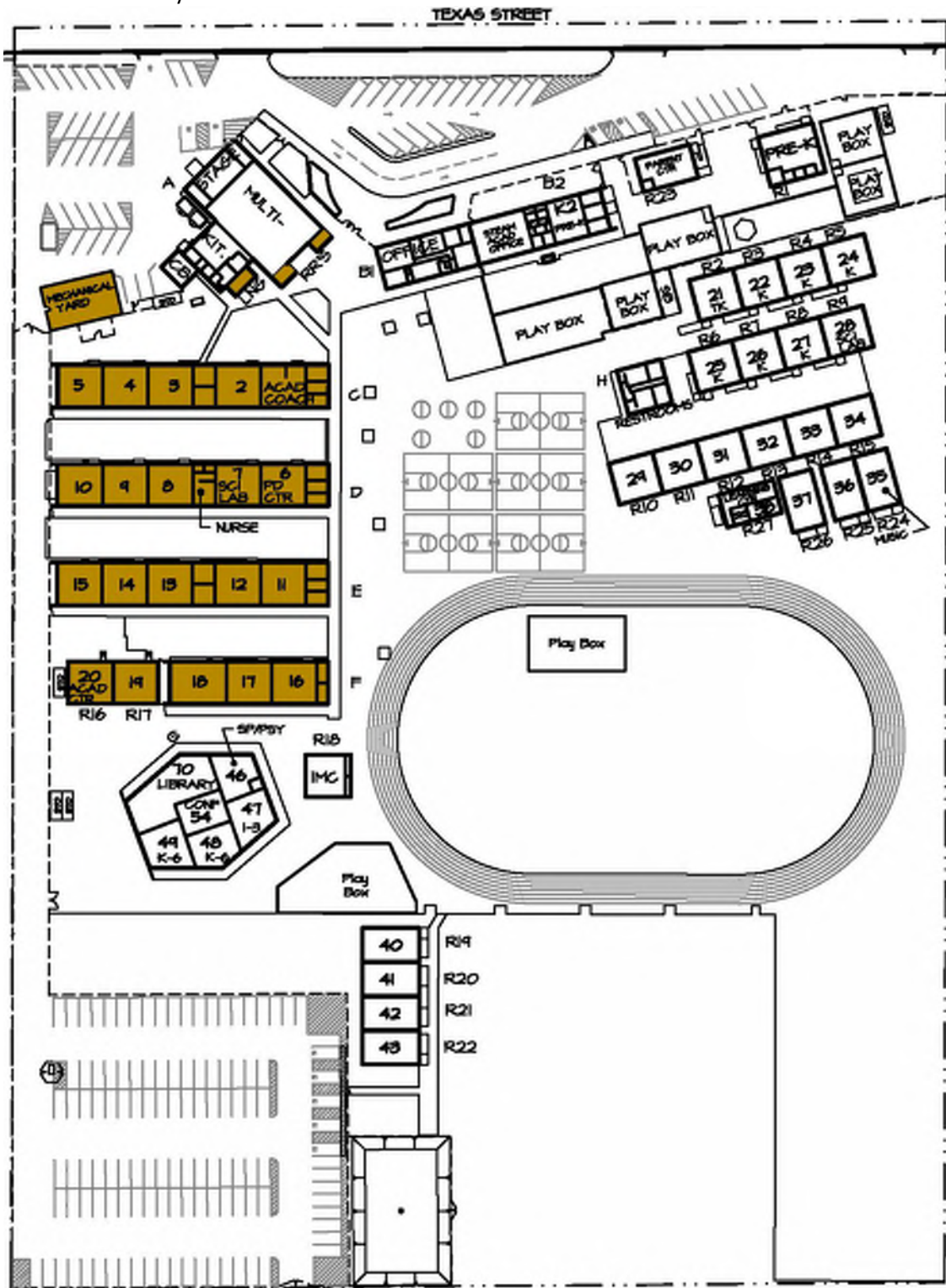
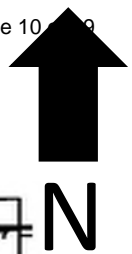
1. Contractor Air Monitoring & Lab Results (refer to the SOW for required frequency)
2. Any other paperwork as requested by the Consultant or Building Owner





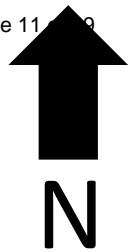
**Attachment B – Site & Building Maps**

Bakersfield City School District  
Fremont ES – 607 Texas Street, Bakersfield, CA 93307  
YES, Inc. Project Number 22YES-109  
December 2022 – May 2023

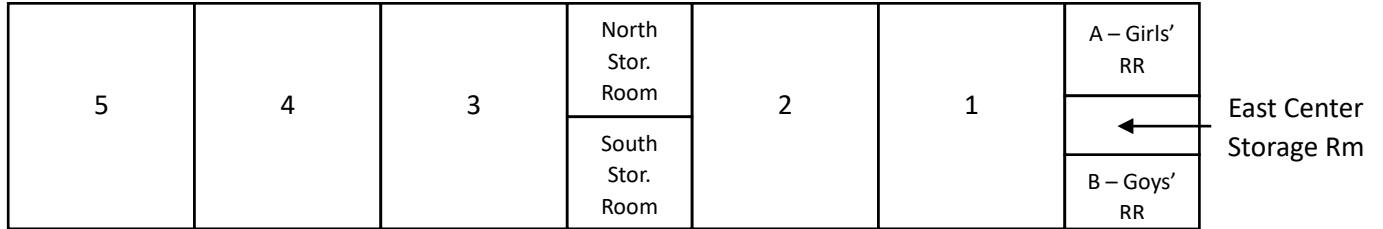


FREMONT MAGNET ELEMENTARY SCHOOL  
607 TEXAS ST.

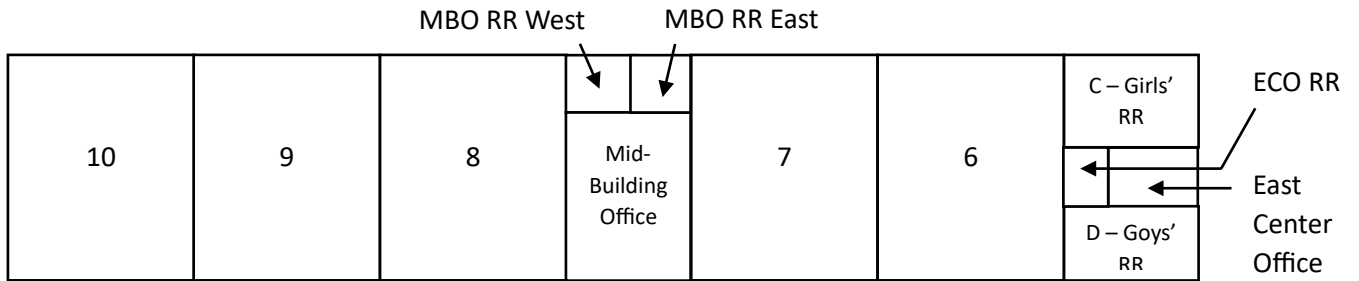




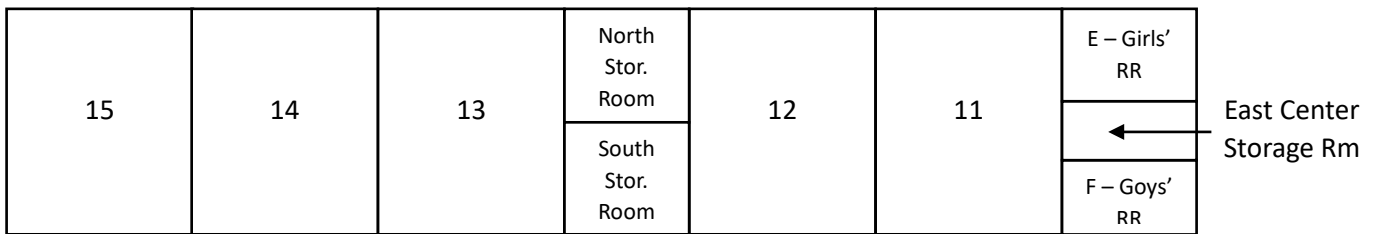
**Building C**



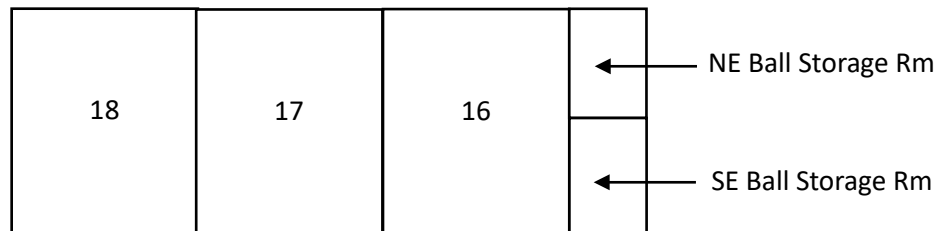
**Building D**



**Building E**



**Building F**





**Attachment C – Lead Survey**



**CLIENT DEFINED SURVEY FOR LEAD BASED PAINT**

**Client:** Bakersfield City School District

**Site:** Fremont ES

**YES, Inc. Project Number:**

**NITON Serial #: 105041 Model #: XLp 300A**

NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>		
<b>BUILDING A - EXTERIOR</b>								
1.	SOUTHEAST AT STAFF 1 RR	WALL	STUCCO	YELLOW	FAIR	0.04	LCP	
2.	SOUTHEAST AT STAFF 1 RR	DOOR FRAME	WOOD	GREY	FAIR	0.60	LCP	
3.	SOUTHWEST AT STAFF 2 RR	DOOR	WOOD	GREY	FAIR	0.00	LCP	
4.	SOUTHWEST AT STAFF 2 RR	WINDOW INFILL	WOOD	LT GREY	FAIR	0.50	LCP	
5.	SOUTHWEST AT LOUNGE – EAST WALL	DOOR TRIM	WOOD	GREY	FAIR	0.24	LCP	
6.	SOUTHWEST AT LOUNGE – EAST WALL	DOOR	WOOD	GREY	FAIR	0.40	LCP	
7.	SOUTHWEST AT LOUNGE – EAST WALL	WALL	STUCCO	CREAM	FAIR	0.10	LCP	
8.	SOUTHWEST AT LOUNGE – EAST WALL	CABINET FRAME	WOOD	CREAM	FAIR	0.03	LCP	
9.	SOUTHEAST AT LOUNGE	WINDOW TRIM	WOOD	GREY	FAIR	0.70	LCP	
10.	SOUTHWEST AT STAFF 2 RR	INTERIOR FASCIA	WOOD	LT GREY	FAIR	1.60	LBP	
11.	SOUTHWEST AT STAFF 2 RR	SOFFIT	WOOD	LT GREY	FAIR	0.40	LCP	



Date	12.14.22	Start Time	3:45 PM	Beginning Calibration	1.04 =	0.80	1.04 =	0.80	1.04 =	0.90	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	12.14.22	End Time	9:00 PM	Ending Calibration	1.04 =	0.90	1.04 =	1.00	1.04 =	0.90	
NO.	SAMPLE LOCATION			COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>			
<b>BUILDING A – EXTERIOR CONTINUED</b>											
12.	SOUTHWEST AT STAFF 2 RR			SOFFIT	STUCCO	LT GREY	FAIR	0.00		LCP	
13.	SOUTHEAST AT STAFF LOUNGE			FASCIA	WOOD	GREY	FAIR	0.60		LCP	
14.	SOUTHEAST AT STAFF LOUNGE			DRIP EDGE	METAL	GREY	FAIR	0.01		LCP	
<b>BUILDING A – INTERIOR</b>											
15.	STAFF LOUNGE - SOUTHEAST			DOOR	WOOD	VARNISH	FAIR	0.00		LCP	
16.	STAFF LOUNGE - SOUTHEAST			DOOR FRAME	WOOD	CREAM	POOR	0.00		LCP	
17.	STAFF LOUNGE - SOUTHEAST			DOOR TRIM	WOOD	CREAM	POOR	0.04		LCP	
18.	STAFF LOUNGE - SOUTHEAST			SCREEN DOOR	WOOD	VARNISH	POOR	0.00		LCP	
19.	STAFF LOUNGE - SOUTHEAST			CABINET	WOOD	BLUE	FAIR	0.00		LCP	
20.	STAFF LOUNGE - SOUTH, MIDDLE			VERTICAL COLUMN	WOOD	CREAM	FAIR	0.20		LCP	
21.	STAFF LOUNGE - SOUTH, MIDDLE			WINDOW SILL	WOOD	CREAM	FAIR	0.10		LCP	
22.	STAFF LOUNGE - SOUTH, WEST SIDE			WALL	PLASTER	CREAM	FAIR	0.03		LCP	
23.	STAFF LOUNGE - WEST, SOUTH SIDE			SINK	PORCELAIN	WHITE	INTACT	9.20		LBP	
24.	STAFF LOUNGE - CENTER			CEILING	12" ACT PRESSED BOARD	WHITE	FAIR	0.00		LCP	



NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>BUILDING A – INTERIOR CONTINUED</b>							
25.	STAFF 1 RR - NORTH WALL	WALL	CERAMIC TILE	BLUE	INTACT	0.00	LCP
26.	STAFF 1 RR - NORTH WALL	SINK	PORCELAIN	WHITE	INTACT	0.01	LCP
27.	STAFF 1 RR - WEST SIDE, NORTH	DOOR FRAME	WOOD	GREY	FAIR	0.28	LCP
28.	STAFF 1 RR - WEST SIDE, NORTH	DOOR	WOOD	GREY	FAIR	0.00	LCP
29.	STAFF 1 RR - SOUTH AREA, MIDDLE	FLOOR	CERAMIC TILE	CREAM, BLUE FLAKE	INTACT	0.00	LCP
30.	STAFF 1 RR - NORTH AREA, MIDDLE	CEILING	PLASTER	CREAM	INTACT	0.02	LCP
31.	STAFF 2 RR - SOUTH AREA, EAST	WALL	CERAMIC TILE	TAN	INTACT	0.00	LCP
32.	STAFF 2 RR - NORTH AREA, MIDDLE	SINK	PORCELAIN	WHITE	INTACT	0.00	LCP
33.	STAFF 2 RR - EAST AREA, MIDDLE	FLOOR	CERAMIC TILE	BEIGE	INTACT	0.00	LCP
34.	STAFF 2 RR - SOUTH AREA, EAST	CEILING	PLASTER	CREAM	INTACT	0.10	LCP
<b>BUILDING C – EXTERIOR</b>							
35.	NORTH SIDE AT CR 1	DOOR FRAME	WOOD	GREY	FAIR	0.60	LCP
36.	NORTH SIDE AT CR 1	DOOR	WOOD	GREY	FAIR	0.00	LCP
37.	NORTH SIDE AT CR 3	HVAC LOUVERS	METAL	LT GREY	FAIR	0.00	LCP



Date	12.14.22	Start Time	3:45 PM	Beginning Calibration	1.04 =	0.80	1.04 =	0.80	1.04 =	0.90	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	12.14.22	End Time	9:00 PM	Ending Calibration	1.04 =	0.90	1.04 =	1.00	1.04 =	0.90	
NO.	SAMPLE LOCATION			COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>			
<b>BUILDING C – EXTERIOR CONTINUED</b>											
38.	NORTH SIDE AT CR 5			WINDOW FRAME	METAL	GREY	FAIR	0.30		LCP	
39.	NORTH SIDE AT CR 5			VERTICAL MULLION	METAL	GREY	FAIR	2.80		LBP	
40.	EAST SIDE, MIDDLE			WALL	STUCCO	YELLOW	FAIR	0.07		LCP	
41.	EAST SIDE, MIDDLE			VENT FRAME	WOOD	GREY	INTACT	0.01		LCP	
42.	SOUTH SIDE, EAST END			WALL	STUCCO	LT GREY	FAIR	0.04		LCP	
43.	SOUTH SIDE, WEST END			CABINET DOOR	WOOD	LT GREY	POOR	0.14		LCP	
44.	SOUTH SIDE, MIDDLE			FASCIA	WOOD	GREY	FAIR	0.28		LCP	
45.	SOUTH SIDE, MIDDLE			DRIP EDGE	METAL	GREY	POOR	0.00		LCP	
46.	SOUTH SIDE, MIDDLE			SOFFIT	STUCCO	LT GREY	FAIR	0.00		LCP	
47.	SOUTH SIDE, MIDDLE			FASCIA NAILER	WOOD	LT GREY	FAIR	0.20		LCP	
48.	WEST SIDE, MIDDLE			ROOF DECK	WOOD	LT GREY	FAIR	0.03		LCP	
49.	WEST SIDE, MIDDLE			ROOF FRAMING	WOOD	LT GREY	FAIR	0.00		LCP	
<b>BUILDING C – INTERIOR</b>											
50.	CR 1 - WEST SIDE, MIDDLE			CABINET FRAME	WOOD	BLUE	FAIR	0.18		LCP	



NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>BUILDING C – INTERIOR CONTINUED</b>							
51.	CR 1 - NORTH SIDE, EAST END	DOOR FRAME	WOOD	GREY	FAIR	0.70	LCP
52.	CR 1 - NORTH SIDE, EAST END	DOOR	WOOD	GREY	FAIR	0.00	LCP
53.	CR 1 - NORTH SIDE, EAST END	WALL	WOOD	GOLD	INTACT	0.15	LCP
54.	CR 2 - WEST WALL, SOUTH END	WALL	WOOD	CREAM	FAIR	0.00	LCP
55.	CR 2 - NORTH, WEST END	SINK	PORCELAIN	WHITE	INTACT	0.00	LCP
56.	CR 2 - SOUTH, MIDDLE	WINDOW FRAME	METAL	CREAM	INTACT	0.09	LCP
57.	CR 2 - SOUTH, MIDDLE AT WINDOWS	VERTICAL COLUMN	METAL	CREAM	INTACT	0.30	LCP
58.	CR 2 - SOUTH, MIDDLE	WINDOW SILL	WOOD	CREAM	INTACT	0.29	LCP
59.	CR 2 - SOUTH, MIDDLE	VERTICAL WINDOW MULLION	METAL	CREAM	INTACT	0.27	LCP
60.	SOUTH STORAGE - WEST WALL, SOUTH SIDE	SINK	PORCELAIN	WHITE	INTACT	0.00	LCP
61.	SOUTH STORAGE - WEST WALL, MIDDLE	WALL RAIL	WOOD	CREAM	FAIR	0.03	LCP
62.	SOUTH STORAGE - NORTH WALL, MIDDLE	WALL	PLASTER	CREAM	FAIR	0.00	LCP
63.	SOUTH STORAGE - NORTH WALL, WEST	DOOR FRAME	WOOD	CREAM	FAIR	0.28	LCP



Date	12.14.22	Start Time	3:45 PM	Beginning Calibration	1.04 =	0.80	1.04 =	0.80	1.04 =	0.90	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	12.14.22	End Time	9:00 PM	Ending Calibration	1.04 =	0.90	1.04 =	1.00	1.04 =	0.90	
NO.	SAMPLE LOCATION			COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>			
<b>BUILDING C – INTERIOR CONTINUED</b>											
64.	SOUTH STORAGE - NORTH WALL, WEST			DOOR TRIM	WOOD	CREAM	FAIR	0.16		LCP	
65.	SOUTH STORAGE - NORTH WALL, WEST			DOOR	WOOD	VARNISH	FAIR	0.00		LCP	
66.	SOUTH STORAGE - SOUTH WALL, WEST END			DOOR FRAME	WOOD	GREY	FAIR	0.30		LCP	
67.	SOUTH STORAGE - SOUTH WALL, WEST END			DOOR TRIM	WOOD	GREY	FAIR	0.11		LCP	
68.	SOUTH STORAGE - SOUTH WALL, WEST END			DOOR	WOOD	GREY	FAIR	0.00		LCP	
69.	SOUTH STORAGE - SOUTH WALL, WEST END			WINDOW FRAME	METAL	CREAM	FAIR	0.08		LCP	
70.	SOUTH STORAGE - SOUTH AREA			CEILING	PLASTER	CREAM	FAIR	0.13		LCP	





NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>BUILDING C – INTERIOR CONTINUED</b>							
71.	CR 3 - WEST WALL, SOUTH AREA	WALL	WOOD	CREAM	FAIR	0.01	LCP
72.	CR 3 -NORTHEAST AREA	12" ACT. CEILING	PRESSED BOARD	WHITE	FAIR	0.00	LCP
73.	CR 3 - NORTHEAST AREA	CEILING REVEAL	METAL	CREAM	INTACT	0.00	LCP
74.	CR 3 - NORTHEAST AREA	T-BAR CEILING GRID	METAL	WHITE	INTACT	0.00	LCP
75.	CR 3 - NORTHEAST AREA	2'X4' LAY-IN CEILING PANELS	PRESSED BOARD	WHITE	INTACT	0.00	LCP
76.	CR 4 - WEST WALL, SOUTH	WALL	WOOD	CREAM	FAIR	0.00	LCP
77.	CR 4 - WEST AREA, MIDDLE	CABINET TRAY	WOOD	BLUE	FAIR	0.00	LCP
78.	CR 4 - WEST AREA, SOUTH	CABINET FRAME	WOOD	BLUE	FAIR	0.24	LCP
79.	CR 4 - NORTH WALL, WEST END	WINDOW SILL	WOOD	CREAM	FAIR	0.80	LCP
80.	CR 4 - NORTH WALL, MIDDLE	WINDOW FRAME	METAL	CREAM	FAIR	0.05	LCP
81.	CR 4 - NORTH WALL, MIDDLE	VERTICAL COLUMN	METAL	CREAM	FAIR	0.40	LCP
82.	CR 4 - NORTH WALL, MIDDLE	VERTICAL MULLION	METAL	CREAM	FAIR	0.30	LCP
83.	CR 4 - NORTH AREA, WEST SIDE	SINK	PORCELAIN	WHITE	INTACT	0.00	LCP
84.	CR 4 - EAST WALL, SOUTH END	WALL	WOOD	GOLD	FAIR	0.06	LCP



NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>BUILDING C – INTERIOR CONTINUED</b>							
85.	CR 5 - WEST WALL, NORTH AREA	WALL	WOOD	CREAM	FAIR	0.01	LCP
86.	CR 5 - SOUTH WALL, WEST AREA	DOOR TRIM	WOOD	GREY	FAIR	0.40	LCP
87.	CR 5 - SOUTH WALL, WEST AREA	DOOR FRAME	WOOD	GREY	FAIR	0.50	LCP
88.	CR 5 - SOUTH WALL, WEST AREA	DOOR	WOOD	GREY	FAIR	0.00	LCP
89.	CR 5 - SOUTH WALL, MIDDLE	WINDOW SILL	WOOD	CREAM	FAIR	0.23	LCP
90.	CR 5 - SOUTH WALL, MIDDLE	WINDOW FRAME	METAL	CREAM	FAIR	0.40	LCP
91.	CR 5 - SOUTH WALL, MIDDLE	VERTICAL MULLION	METAL	CREAM	FAIR	0.29	LCP
92.	CR 5 - SOUTH WALL, MIDDLE	VERTICAL COLUMN	METAL	CREAM	FAIR	0.30	LCP
93.	CR 5 - SOUTH AREA, MIDDLE	12" ACT. CEILING	PRESSED BOARD	WHITE	FAIR	0.00	LCP
94.	CR 5 - SOUTH AREA, MIDDLE	CEILING REVEAL	METAL	WHITE	INTACT	0.00	LCP
95.	CR 5 - SOUTH AREA, MIDDLE	T-BAR CEILING GRID	METAL	WHITE	INTACT	0.01	LCP
96.	CR 5 - SOUTH AREA, MIDDLE	2'X4' LAY-IN CEILING PANELS	PRESSED BOARD	WHITE	INTACT	0.00	LCP
<b>BUILDING D - EXTERIOR</b>							
97.	NORTH SIDE, MIDDLE	HVAC LOUVER	METAL	LT GREY	FAIR	0.00	LCP



NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>BUILDING D – EXTERIOR CONTINUED</b>							
98.	NORTH SIDE, WEST END	DRIP EDGE	METAL	GREY	FAIR	0.00	LCP
99.	NORTH SIDE, WEST END	FASCIA	WOOD	GREY	FAIR	0.30	LCP
100.	NORTH SIDE, WEST END	SOFFIT REVEAL	METAL	LT GREY	FAIR	0.30	LCP
101.	NORTH SIDE, WEST END	SOFFIT	STUCCO	LT GREY	FAIR	0.00	LCP
102.	EAST SIDE, SOUTH END	DOOR TRIM	WOOD	GREY	FAIR	0.00	LCP
103.	EAST SIDE, SOUTH END	DOOR FRAME	WOOD	GREY	FAIR	0.27	LCP
104.	EAST SIDE, SOUTH END	DOOR	WOOD	GREY	FAIR	0.00	LCP
105.	EAST SIDE, SOUTH END	WALL	STUCCO	YELLOW	FAIR	0.01	LCP
106.	SOUTH SIDE, EAST END	WALL	STUCCO	LT GREY	FAIR	0.04	LCP
107.	SOUTH SIDE, MIDDLE	CABINET FRAME	WOOD	LT GREY	FAIR	0.25	LCP
108.	SOUTH SIDE, MIDDLE	CABINET DOOR	WOOD	LT GREY	POOR	0.17	LCP
109.	SOUTH SIDE, MIDDLE	WINDOW SILL	WOOD	GREY	FAIR	0.50	LCP
110.	SOUTH SIDE, MIDDLE	WINDOW FRAME	METAL	GREY	FAIR	0.06	LCP
111.	SOUTH SIDE, MIDDLE	VERTICAL MULLION	METAL	GREY	FAIR	4.00	LBP



NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>BUILDING D – EXTERIOR CONTINUED</b>							
112	SOUTH SIDE, WEST END	DOOR TRIM	WOOD	GREY	FAIR	0.40	LCP
113	SOUTH SIDE, WEST END	DOOR FRAME	WOOD	GREY	FAIR	0.50	LCP
114	SOUTH SIDE, WEST END	DOOR	WOOD	GREY	FAIR	0.26	LCP
115	SOUTH SIDE, WEST END	SOFFIT	STUCCO	LT GREY	FAIR	0.00	LCP
<b>BUILDING D - INTERIOR</b>							
116	BOYS RR - SOUTHEAST AREA	WALL	CERAMIC TILE	TAN	INTACT	0.00	LCP
117	BOYS RR - SOUTHEAST AREA	SINK	PORCELAIN	WHITE	INTACT	0.00	LCP
118	BOYS RR - SOUTH WALL, MIDDLE	WINDOW FRAME	METAL	CREAM	FAIR	0.11	LCP
119	BOYS RR - SOUTH WALL, MIDDLE	VERTICAL COLUMN	METAL	CREAM	FAIR	0.01	LCP
120	BOYS RR - EAST WALL, NORTH	DOOR	WOOD	GREY	FAIR	0.00	LCP
121	BOYS RR - CENTER	FLOOR	CERAMIC TILE	TAN	FAIR	0.00	LCP
122	STAFF RR - SOUTH WALL, MIDDLE	WALL	PLASTER	CREAM	FAIR	0.03	LCP
123	STAFF RR - WEST WALL	DOOR TRIM	WOOD	CREAM	FAIR	0.10	LCP
124	STAFF RR - WAITING, WEST WALL	DOOR FRAME	WOOD	CREAM	FAIR	0.60	LCP



NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>BUILDING D – INTERIOR CONTINUED</b>							
125	STAFF RR WAITING - WEST WALL	DOOR	WOOD	VARNISH	FAIR	0.00	LCP
126	STAFF RR WAITING - NORTH, MIDDLE	ATTIC ACCESS TRIM	WOOD	CREAM	FAIR	0.50	LCP
127	STAFF RR WAITING - NORTH, MIDDLE	ATTIC ACCESS DOOR	WOOD	CREAM	FAIR	0.05	LCP
128	STAFF RR WAITING - NORTH, MIDDLE	12" ACT CEILING	PRESSED BOARD	CREAM	FAIR	0.00	LCP
129	STAFF RR - EAST WALL	WALL BASE	CERAMIC TILE	OATMEAL	FAIR	7.60	LBP
130	STAFF RR - WEST WALL, MIDDLE	WALL	PLASTER	CREAM	INTACT	0.15	LCP
131	STAFF RR - NORTH, MIDDLE	SINK	PORCELAIN	WHITE	INTACT	0.05	LCP
132	STAFF RR - CENTER	CEILING	PLASTER	CREAM	INTACT	0.03	LCP
133	STAFF RR - CENTER	FLOOR	CERAMIC TILE	BROWN/TAN	FAIR	0.00	LCP
134	GIRLS RR - SOUTH WALL, EAST END	WALL	CERAMIC TILE	BLUE	INTACT	0.00	LCP
135	GIRLS RR - WEST WALL, MIDDLE	WALL	PLASTER	CREAM	FAIR	0.00	LCP
136	GIRLS RR - NORTH WALL, MIDDLE	WINDOW FRAME	METAL	CREAM	FAIR	0.10	LCP
137	GIRLS RR - NORTH WALL, MIDDLE	VERTICAL COLUMN	METAL	CREAM	FAIR	0.11	LCP
138	GIRLS RR - EAST WALL, SOUTH	DOOR	WOOD	GREY	FAIR	0.00	LCP



NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>BUILDING D – INTERIOR CONTINUED</b>							
139	GIRLS RR - NORTH, MIDDLE	CEILING	PLASTER	CREAM	FAIR	0.09	LCP
140	GIRLS RR - NORTH, MIDDLE	FLOOR	CERAMIC TILE	CREAM/BLUE FLECKS	FAIR	0.00	LCP
141	CR 6 - WEST WALL	WALL	WOOD	GOLD	INTACT	0.01	LCP
142	CR 6 - NORTH, WEST AREA	CABINET	WOOD	VARNISH	INTACT	0.00	LCP
143	CR 6 - NORTH WALL, EAST AREA	DOOR TRIM	WOOD	CREAM	FAIR	0.40	LCP
144	CR 6 - NORTH WALL, EAST AREA	DOOR FRAME	WOOD	CREAM	FAIR	0.50	LCP
145	CR 6 - NORTH WALL, EAST AREA	DOOR	WOOD	GREY	FAIR	0.02	LCP
146	CR 6 - EAST WALL, NORTH AREA	WALL	WOOD	GREEN	INTACT	0.03	LCP
147	CR 6 - SOUTH WALL, EAST END	WALL	WOOD	CREAM	FAIR	0.00	LCP
148	CR 6 - SOUTH SIDE, MIDDLE	LAY-IN CEILING GRID	METAL	WHITE	INTACT	0.00	LCP
149	CR 6 - SOUTH SIDE, MIDDLE	2'X4' LAY-IN CEILING PANELS	PRESSED BOARD	WHITE	INTACT	0.00	LCP
150	CR 7 – WEST WALL CENTER	WALL	WOOD	CREAM	INTACT	0.02	LCP
151	CR 7 -WEST WALL, NORTH END	WALL TRIM	WOOD	CREAM	INTACT	0.0	LCP
152	CR7 - NORTH WALL, WEST END	WINDOW FRAME	METAL	CREAM	FAIR	0.22	LCP



NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>BUILDING D – INTERIOR CONTINUED</b>							
153	CR 7 - NORTH WALL, WEST END	VERTICAL MULLION	METAL	CREAM	FAIR	0.21	LCP
154	CR 7 - NORTH WALL, EAST END	WINDOW SILL	WOOD	CREAM	FAIR	0.50	LCP
155	CR 7 - NORTH WALL, EAST END	VERTICAL COLUMN	METAL	CREAM	FAIR	0.70	LCP
156	CR 7 - SOUTH WALL, EAST END	WALL	WOOD	GOLDENROD	FAIR	0.00	LCP
157	CR 7 - SOUTH WALL, WEST END	DOOR TRIM	WOOD	CREAM	FAIR	0.15	LCP
158	CR 7 - SOUTH WALL, WEST END	DOOR FRAME	WOOD	CREAM	FAIR	0.26	LCP
159	CR 7 - SOUTH WALL, WEST END	DOOR	WOOD	GREY	FAIR	0.01	LCP
160	CR 7 - SOUTH SIDE, MIDDLE	12" ACT CEILING TILE	PRESSED BOARD	WHITE	INTACT	0.00	LCP
161	CR 7 - SOUTH SIDE, MIDDLE	CEILING REVEAL	METAL	CREAM	INTACT	0.00	LCP
162	NURSE - WEST WALL, MIDDLE	WALL	PLASTER	CREAM	FAIR	0.01	LCP
163	NURSE - WEST WALL, NORTH END	MIRROR TRIP	WOOD	CREAM	INTACT	0.00	LCP
164	NURSE - NORTH WALL, MIDDLE	WINDOW FRAME	METAL	CREAM	FAIR	0.08	LCP
165	NURSE - SINK AREA, EAST WALL	WALL	WOOD	CREAM	FAIR	0.00	LCP
166	NURSE - SOUTH WALL, MIDDLE	DOOR TRIM	WOOD	GREY	FAIR	0.18	LCP



NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>BUILDING D – INTERIOR CONTINUED</b>							
167	NURSE - SOUTH WALL, MIDDLE	DOOR FRAME	WOOD	GREY	FAIR	0.30	LCP
168	NURSE - SOUTH WALL, MIDDLE	DOOR	WOOD	GREY	FAIR	0.01	LCP
169	NURSE - SOUTH SIDE, WEST AREA	12" ACT CEILING	PRESSED BOARD	WHITE	FAIR	0.00	LCP
170	NURSE - STAFF RR 4, WEST, MIDDLE	WALL	WOOD	CREAM	FAIR	0.00	LCP
171	NURSE - STAFF RR 5, SOUTH, MIDDLE	WALL BASE	CERAMIC TILE	OATMEAL	FAIR	8.40	LBP
172	NURSE - STAFF RR 5, SOUTH, MIDDLE	FLOOR	CERAMIC TILE	BROWN/TAN	FAIR	0.00	LCP
173	CR 8 - WEST WALL, NORTH END	CABINET	WOOD	BLUE	FAIR	0.06	LCP
174	CR 8 - WEST WALL, MIDDLE	CABINET TRAY	WOOD	BLUE	FAIR	0.19	LCP
175	CR 8 - WEST WALL, NORTH END	WALL TRIM	WOOD	CREAM	FAIR	0.12	LCP
176	CR 8 - EAST WALL, MIDDLE, HIGH	WALL	WOOD	GOLD	INTACT	0.00	LCP
177	CR 8 - EAST WALL, MIDDLE	WALL TRIM	WOOD	GOLD	INTACT	0.40	LCP
178	CR 8 - EAST WALL, MIDDLE, LOW	WALL	WOOD	GOLD	INTACT	0.00	LCP
179	CR 8 - SOUTH WALL, EAST END	CABINET	WOOD	BLUE	FAIR	0.00	LCP
180	CR 8 - WEST AREA, MIDDLE	2'X4' CEILING TILE	PRESSED BOARD	WHITE	FAIR	0.00	LCP





NO.	SAMPLE LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>	
<b>BUILDING D – INTERIOR CONTINUED</b>							
181	CR 8 - WEST AREA, MIDDLE	CEILING GRID	METAL	WHITE	FAIR	0.00	LCP
182	CR 9 - NORTH WALL, MIDDLE	WINDOW SILL	WOOD	CREAM	FAIR	0.30	LCP
183	CR 9 - NORTH WALL, MIDDLE	WINDOW FRAME	METAL	CREAM	FAIR	0.06	LCP
184	CR 9 - NORTH WALL, MIDDLE	VERTICAL MULLION	METAL	CREAM	FAIR	0.06	LCP
185	CR 9 - NORTH WALL, WEST END	VERTICAL COLUMN	METAL	CREAM	FAIR	0.13	LCP
186	CR 9 - NORTH WALL, WEST END	SINK	PORCELAIN	WHITE	INTACT	0.00	LCP
187	CR 9 - EAST WALL, SOUTH END, HIGH	WALL	WOOD	GOLDENROD	INTACT	0.01	LCP
188	CR 9 - EAST WALL, SOUTH END	WALL TRIM	WOOD	GOLDENROD	FAIR	0.12	LCP
189	CR 9 - EAST WALL, NORTH END, LOW	WALL	WOOD	GOLDENROD	INTACT	0.00	LCP
190	CR 10 - WEST WALL, SOUTH, HIGH	WALL	WOOD	CREAM	FAIR	0.01	LCP
191	CR 10 - WEST WALL, SOUTH END	WALL TRIM	WOOD	CREAM	FAIR	0.04	LCP
192	CR 10 - WEST WALL, SOUTH, LOW	WALL	WOOD	CREAM	FAIR	0.00	LCP
193	CR 10 - SOUTH SIDE, MIDDLE	12" ACT CEILING TILE	PRESSED BOARD	WHITE	FAIR	0.00	LCP
194	CR 10 - SOUTH SIDE, MIDDLE	CEILING REVEAL	METAL	CREAM	INTACT	0.00	LCP



Date	12.15.22	Start Time	3:30 PM	Beginning Calibration	1.04 =	1.10	1.04 =	1.20	1.04 =	1.10	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	12.15.22	End Time	9:00 PM	Ending Calibration	1.04 =	1.00	1.04 =	1.10	1.04 =	1.20	
NO.	SAMPLE LOCATION			COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>			
<b>BUILDING E - EXTERIOR</b>											
195	NORTH SIDE, WEST END			HVAC LOUVER	METAL	LT GREY	FAIR	0.00		LCP	
196	NORTH SIDE, MIDDLE			DOOR TRIM	WOOD	GREY	FAIR	0.30		LCP	

Date	5.17.23	Start Time	7:00 PM	Beginning Calibration	1.04 =	1.07	1.04 =	1.01	1.04 =	1.01	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	5.17.23	End Time	8:00 PM	Ending Calibration	1.04 =	1.06	1.04 =	1.07	1.04 =	1.12	
NO.	SAMPLE LOCATION			COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>			
<b>BUILDINGS R24-R26 (CRS 35-37) - EXTERIOR</b>											
197	R25 (CR 36) – SOUTH			WALL	WOOD	GREY	INTACT	0.14		LCP	
<b>BUILDING R27 (CR 38) – EXTERIOR</b>											
198	WEST SIDE CENTER			WALL	WOOD	GREY	INTACT	0.14		LCP	
<b>BUILDINGS R10-R15 (CRS 29-34) - EXTERIOR</b>											
199	NORTH SIDE CENTER AT CR 30			WALL	WOOD	GREY	INTACT	0.03		LCP	



Date	5.17.23	Start Time	7:00 PM	Beginning Calibration	1.04 =	1.07	1.04 =	1.01	1.04 =	1.01	Lead-Containing Paint (LCP) or Lead-Based Paint (LBP)
Date	5.17.23	End Time	8:00 PM	Ending Calibration	1.04 =	1.06	1.04 =	1.07	1.04 =	1.12	
NO.	SAMPLE LOCATION			COMPONENT	SUBSTRATE	COLOR	CONDITION	XRF RESULT MG/CM <sup>2</sup>			
<b>BUILDING H (RESTROOM BLDG) - EXTERIOR</b>											
200	EAST SIDE CENTER			WALL	STUCCO	GREY	INTACT	0.01		LCP	
<b>BUILDINGS R2-R9 (CRS 21-28) - EXTERIOR</b>											
201	CR 27 – SOUTH SIDE CENTER			WALL	WOOD	GREY	INTACT	1.26		LBP	
202	CR 21 – NORTH SIDE CENTER			WALL	WOOD	GREY	INTACT	1.53		LBP	
<b>BUILDING R1 (PRE – K) - EXTERIOR</b>											
203	WEST SIDE CENTER			WALL	WOOD	GREY	INTACT	0.07		LCP	
<b>BUILDING R23 (PARENT CENTER) - EXTERIOR</b>											
204	SOUTH SIDE CENTER			WALL	WOOD	GREY	INTACT	0.12		LCP	
<b>BUILDING R18 (IMC) - EXTERIOR</b>											
205	EAST SIDE CENTER			WALL	STUCCO	GREY	INTACT	0.16		LCP	
<b>BUILDING G (CRS 46-54 &amp; 70) - EXTERIOR</b>											
206	EAST SIDE CENTER			WALL	STUCCO	YELLOW	INTACT	0.02		LCP	
<b>BUILDINGS R19-22 (CRS 40-43) - EXTERIOR</b>											
207	EAST SIDE CENTER AT CR 40			WALL	WOOD	GREY	INTACT	0.17		LCP	

End of XRF report.



**BAKERSFIELD CITY SCHOOL DISTRICT  
FREMONT ELEMENTARY SCHOOL DISTRICT  
CAMPUS HVAC SYSTEM UPGRADES**

**YES ENVIRONMENTAL, INC.  
ASBESTOS ABATEMENT  
SCOPE OF WORK**



# ASBESTOS ABATEMENT SCOPE OF WORK

## Site Information:

Fremont Elementary School – HVAC Replacement  
607 Texas Street, Bakersfield, CA 93307



## Prepared for:

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

## Prepared by:

Kristy Yowell, CAC 09-4500 / CDPH 4640  
YES Environmental, Inc. (YES, Inc.)  
YES, Inc. Project Number 23YES-87  
January 31, 2024

This SOW should be printed in color.



**ASBESTOS SCOPE OF WORK**  
Fremont Elementary School – HVAC Replacement

**PURPOSE OF PROJECT**

In order for Bakersfield City School District to install a new HVAC system, portions of buildings throughout campus have asbestos-containing materials and/or materials contaminated by asbestos that will either be removed or disturbed, and the work must be done using asbestos-safe work practices. The contractor is responsible for field verifying their own measurements for bidding, notification, waste characterization, or any other purpose.

This Scope of Work should be used in conjunction with all Federal, State and local codes. *The information provided in this section is intended to assist the contractor in determining the extent of work; however, this information does **not** replace or supersede any direction or description of work as presented in the plans and specifications for this project.* If YES, Inc.'s scope of work and the plans and specifications differ, the contractor shall be obliged to bring any discrepancies to the attention of the architect/owner's representative prior to bidding the project via submission of a request for information to the architect.

**PHASING**

This is a phased project. The contractor shall refer to the plans and specifications for phasing information.

**MOBILIZATIONS**

The contractor shall include in their bid cost for multiple mobilizations that will be requirements in order to coordinate necessary abatement and/or remediation activities with other trades, the District, and all other associated

**DAYS BY PHASE FOR ABATEMENT ACTIVITIES**

The contractor is limited to the follow number of days in order to complete abatement and remediation activities. This number of days does not include removal of containment.

**Base Bid Work**  
Phase 1 = 20 Business Days  
Phase 2 = 20 Business Days  
Total = 180 Business Days

**Additional Days For Alternate Work**  
Phase 1 = 15 Business Days  
Phase 2 = 15 Business Days  
Total = 30 Business Days

**DEFINITIONS**

Abatement Activities: precleaning of jobsite, setup of containment/regulated area, removal of asbestos-containing materials and final cleaning inside containment/regulated area in preparation for post abatement clearance air sampling or completion of work visual.

Asbestos-Containing: material containing any detectable amount of asbestos. Acronym ACM.

Lead-Containing: material containing any detectable amount of lead. Acronym LCP or LBP.

Remediation Activities: precleaning of jobsite, setup of containment/regulated area, removal or disturbance of any sort of lead-containing materials and final cleaning inside containment/regulated area in preparation for job completion visual inspection by consultant.

Contractor: Remediation contractor, abatement contractor or any trade qualified to conduct the work described in this Scope of Work.

Consultant: BCSD's environmental consultant.



**ASBESTOS & LEAD LOCATIONS, CONTENT & TYPE**

Please see the attached Inspection Report by Room (IRBR) following this scope of work for identification of materials suspect to contain asbestos that have been sampled by YES, Inc. If any materials other than those identified in this scope of work and IRBRs are discovered and may be disturbed, work must be stopped and the project must be re-evaluated.

Of the materials being removed or disturbed, the contractor shall then refer to YES, Inc.'s IRBRs, XRF report and Scope of Work to determine the specific materials that contain asbestos and/or lead and those that have been determined to be free of asbestos and/or lead.

**The IRBRs and XRF report do not denote materials to be removed; they report whether materials present contain asbestos and/or lead. Contractor should refer to the plans and specifications for abatement locations.**

**NOTIFICATIONS**

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

**SUPERVISOR & WORKER TRAINING REQUIRED**

Workers and supervisors disturbing asbestos shall have AHERA accredited training as asbestos workers or contractor supervisors. Any exceptions to these training requirements shall be submitted to the consultant and building owner representative for review and await on approval before commencing with disturbance of ACM.

**PRE-JOB SUBMITTAL REQUIREMENTS**

A hard copy of the contractor's pre-job submittal packet shall be submitted to the consultant and:

1. Include all of the items listed in the attached Submittal Requirements;
2. Be provided to and approved by the consultant prior to the start of work by the contractor.
3. Manifests shall be submitted to the consultant on the first day of the project for review, and also for final approval prior to waste removal from the job site.
4. Double sided copies are not acceptable.
5. Delays in providing the required submittals may affect the start of the project.
6. Electronic submittals will not be accepted.

**OTHER CONSIDERATIONS**

Item	District Provided	Contractor Must Provide	Not Applicable / Required
Water	X		
Power	X		
Removal of Items to be saved	X		
Removal & Disposal of Items Remaining in Work Area		X	
Safety & Security of Equipment		X	
On-site challenge testing of HEPA filtered equipment within 5 calendar days of the start of the job		X	



### **SOFT DEMOLITION REQUIREMENTS**

The contractor shall perform all soft demolition requirements prior to the commencement of containment setup. All components such as, but not limited to, cabinetry and walls shall be removed to expose any potentially concealed asbestos-containing materials prior to the start of abatement. However, if the removal of any of these components may disturb ACM, they shall be removed after containment and negative pressure are established and approved by the consultant. In addition, should the contractor discover any concealed ACM, they shall immediately bring it to the attention of the consultant and owner representative who will confirm the material and quantity. The agreed upon quantity and type of material(s) shall be recorded on the contractor's daily paperwork on the day it is discovered.

### **LAYERS OF ROOFING**

The contractor is responsible for removal of all roofing layers down to the wood or metal substrate regardless of asbestos content, unless otherwise noted in the Scope of Work. Where it is unknown how many layers of roofing materials exist, it must be assumed that there are multiple roofing material layers present. The contractor may, upon request and approval by the client, collect core samples of any roof to be removed for the purpose of determining its depth and structure. If coring is conducted, it is the responsibility of the contractor to repair the areas affected to industry standards using non-asbestos materials.

### **INCLEMENT WEATHER**

Roof abatement shall be planned and scheduled when there are favorable weather conditions, such as when there is a forecast for "clear skies" and no rain for three or more days. The contractor shall remove only that amount of roofing material that can be re-roofed or covered and secured from weather on the same work day. Work may be halted at the discretion of the onsite project manager if wind conditions occur, which can or does cause removed roofing materials to be blown off the roof area or beyond the designated removal area. All roofing work shall be coordinated to allow other trades to work at the same time as long as their work is located in areas where contamination cannot occur.

### **ALLOWABLE FORMS OF COMMUNICATION**

The contractor shall establish a means of communication between the supervisor and workers inside the containment/regulated area which includes two-way radios or equivalent. At no time will yelling, whistling or banging on containment, walls or on the decontamination chambers be allowed as a form of communication.

### **OCCUPANCY**

The building will be unoccupied in the areas where abatement is occurring. Other areas on campus, but outside of the abatement containment or regulated areas, may be occupied by staff, students, and other trades conducting work at this site.

### **WASTE BIN/CONTAINERS**

All bins/containers brought on-site to deposit waste into must be lockable or securable. Bins shall be secured at the end of every shift. Plywood shall be placed under the wheels of each bin to protect the existing surface. Bins must be double lined with 6-mil poly prior to waste being deposited. Containers must have the appropriate labels affixed on them as soon as any ACM debris is deposited.

### **ASBESTOS CONTAINMENT/REGULATED AREA SETUP REQUIREMENTS**

Containment setup requirements for all containments/regulated areas:

1. Buildings C, D, E, F, and bungalow buildings R19-R20 shall have no more than one containment constructed for purposes of interior abatement in each of the buildings. These containments shall use either an exterior poly tunnel to connect the various rooms or submit an alternative option to the consultant for review. Without receiving approval of any alternate option, the contractor shall build the containment to meet the requirements in this SOW. Any other building's requiring containment for abatement will be addressed on a case-by-case basis by the consultant.





2. 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.
3. 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.
4. The contractor shall exercise care during the construction and deconstruction of the required exterior poly tunnel. If products used to set up the tunnel or the interior containments leave a residue, the contractor shall be responsible for the removal of the residue immediately following receipt of the passing clearance air sampling results.
5. All poly used on this project shall be a minimum of 6-mil thickness and flame retardant (FR).
6. All interior containments shall have view windows installed at locations approved by the consultant.
7. 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.
8. 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.
9. 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.
10. 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.
11. 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).
12. 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.
13. 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.
14. Any walls requiring protection from being contaminated by asbestos during abatement shall be covered with at least two layers of 6-mil FR poly.
15. The consultant must give final approval for containment/regulated area setups before abatement or disturbance of ACM commences.



16. 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.
17. 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.
18. Abatement shall not commence if waste bins are not onsite at the time abatement is ready to begin.
19. 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.
20. 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.
21. 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.
22. 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.

#### **ADDITIONAL EXTERIOR CONTAINMENT/REGULATED AREA REQUIREMENTS**

23. 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.
24. 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.
25. At no time shall asbestos-containing materials be allowed to exit the containment/regulated area without being single wrapped in six-mil flame retardant poly, or double bagged and placed in a double lined dumpster with 6-mil poly.

#### **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 windows, flooring, flooring mastics, roofing, roofing mastics, transite and other various namely non-friable ACM workers shall wear at a minimum, half-face negative-pressure respirator with P-100 HEPA cartridges. Should Class I materials be discovered and require disturbance, workers shall wear at a minimum, powered-air purifying respirators equipped with P-100 HEPA cartridges. Dual cartridges (P-100 & Organic Vapor) shall be utilized during mastic removal involving chemical stripping.
2. Quality disposable coveralls such as Tyvek-like suits shall be worn by all workers during all remediation activities on this project. Exceptions to this must be submitted to consultant in writing for review/approval.
3. Should personal air monitoring results not be received and provided to the consultant on the following week after being collected on the worker, the consultant reserves the right to require the workers to don PAPRs until personal air monitoring results are received.



## NEGATIVE PRESSURE & HEPA FILTERED EQUIPMENT REQUIREMENTS

1. Challenge testing is required on equipment using HEPA filters (see Other Considerations above). Units arriving dirty or appearing to be contaminated shall be removed from the project site. Units must be positioned in the standard upright manner in which the manufacturer designed the equipment to operate.
2. The contractor shall ensure that sufficient negative air units are used to create a minimum air pressure differential of -0.030" and recorded on a manometer for interior containments. 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 interior containment(s) 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. The contractor shall use the following product to remove the asbestos-containing mastic throughout: CHEMSAFE CLEAR. See attached Safety Data Sheet for product.
3. 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.
4. 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.
5. Unless the roofing mastics are 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 mastics be dropped or thrown into bins or dumpsters from the roof.**
6. 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.
7. Any component contaminated by ACM and is non-porous (cleanable) shall be brought to the consultant for approval. Contingent upon approval of the component being non-porous, the contractor may setup a cleaning area for these components that is separate from the non-cleanable items. Immediately following the cleanable items being cleaned, the contractor shall notify the consultant of this activity and request a visual inspection for cleanliness. Following the receipt of a passing visual inspection from the consultant, the component may then be passed out of containment and discarded as construction debris or saved for the district to reuse.
8. Contractor shall generate only as much debris as they can bag and deposit into a waste bin at the end of an 8-hour shift.
9. 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.
10. Asbestos-contaminated waste that has been containerized shall be transported out of the work area through the worker decontamination enclosure or through an approved pass-out arrangement.

## PROHIBITED WORK PRACTICES

1. Uncontrolled releases. This is cause for stopping the project until modified work practices and containment that prevent these releases from occurring are designed and implemented.
2. Dry removal, dry disturbance of any kind, bead blasting and bulk loading.
3. Wet methods do not include the use of garden hoses.
4. Mechanical tools without HEPA vacuum attachment and HEPA vacuum properly attached according to manufacturer recommendation.



### COMPLETION OF ASBESTOS ABATEMENT & CLEARANCE AIR SAMPLES

1. After final cleaning of any interior containment of a building intended to be reoccupied has been completed, a visual clearance inspection shall be performed by the consultant. Contractor personnel shall be present and available to address any deficiencies in cleaning. On the business day following visual clearance of the containment, a set of five clearance air samples shall be collected to be analyzed by Transmission Electron Microscopy (TEM) or Phase Contrast Microscopy (PCM).
2. Final clearance for re-occupancy using the TEM shall be contingent upon meeting AHERA criteria for response action completion of an average of 70 structures per square millimeter (70 s/mm<sup>2</sup>) or less for the 5 samples collected inside the containment (40 CFR 763, Appendix A). In the event clearance air samples do not meet this re-occupancy criteria, the contractor shall be responsible for re-cleaning failed areas, and for costs associated with collection and analysis of additional clearance air samples (\$1,400/per set of clearances) in accordance with the sampling protocol described above.
3. Where PCM clearance criteria is used, final clearance for re-occupancy shall be contingent upon meeting AHERA criteria for response action completion when the results of the samples collected show that the concentration of fibers for each of the five samples is less than or equal to a limit of quantitation for PCM (0.01 fibers per cubic centimeter (0.01 f/cm<sup>3</sup>) of air).
4. After final cleaning of any exterior containment has been completed, a visual clearance inspection shall be performed by the consultant. The consultant will inspect work areas for visual signs of dust and debris related to the disturbance of asbestos. All surface areas must be clean. Residual dust, of any nature, that was generated on this project and found within or immediately outside the regulated area/containment, will be assumed to contain asbestos and must be re-cleaned. A passing visual inspection performed by the consultant on exterior containments/regulated areas will determine completion of work.

### PERSONAL AIR MONITORING RESULTS FOR WORKERS

The contractor shall promptly post and provide a copy of worker personal air monitoring results in compliance with Cal/OSHA requirements to the consultant. Results of worker air monitoring shall be turned in to the consultant each Tuesday for the previous week air samples.

### ASBESTOS DISPOSAL

Non-asbestos containing materials which are removed from containment before any asbestos-containing materials are disturbed, may be discarded as construction debris.

Non-friable ACM or materials contaminated by non-friable ACM removed by non-mechanical or hand methods shall be discarded as non-friable, non-hazardous asbestos-containing waste and manifested accordingly. ACM waste with less than 1% asbestos shall be discarded as non-friable, non-hazardous asbestos-containing waste and manifested accordingly.

Friable ACM, materials contaminated by friable ACM, and non-friable materials removed by mechanical means shall be discarded as friable, hazardous asbestos-containing waste and manifested.

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

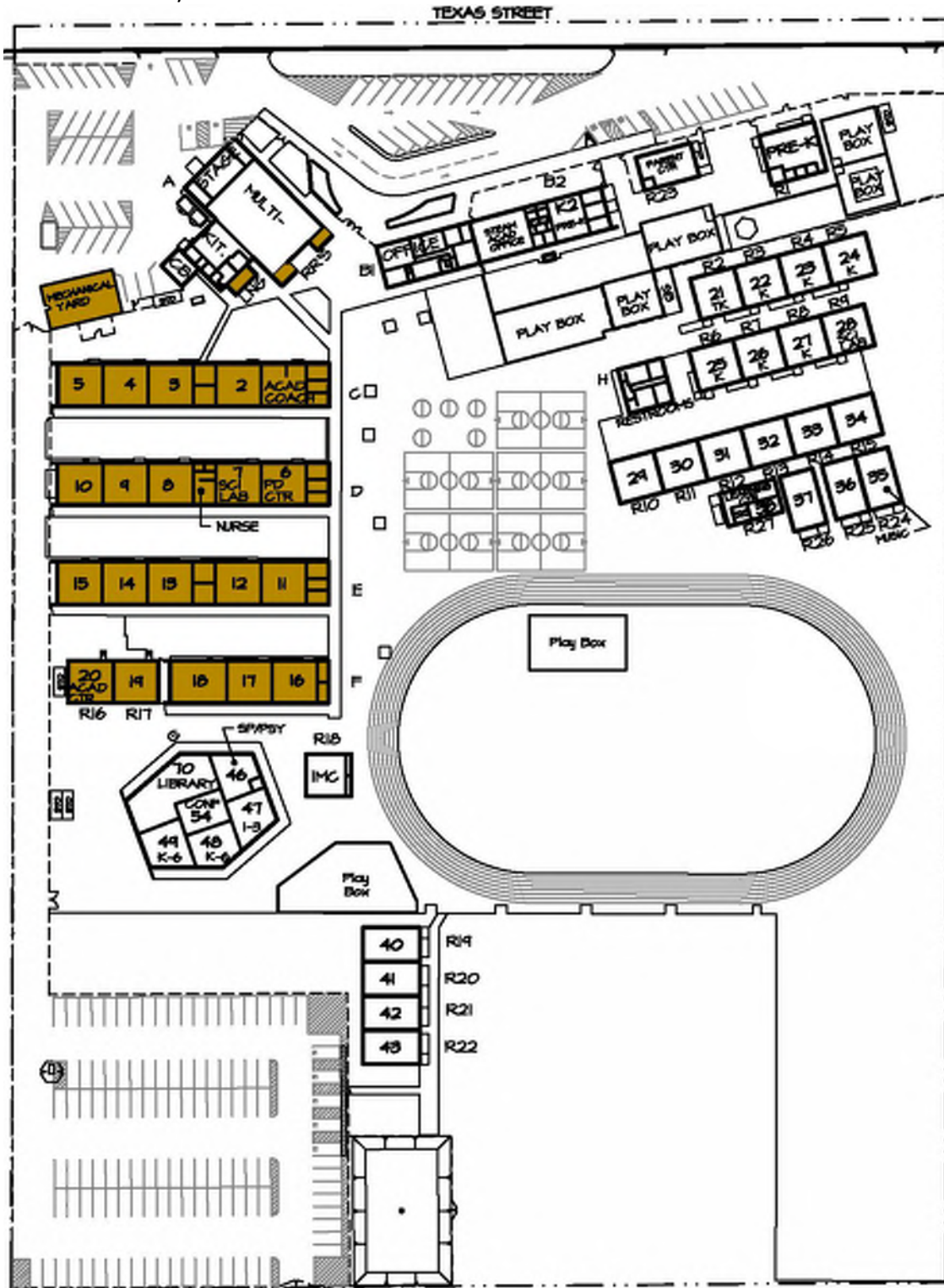
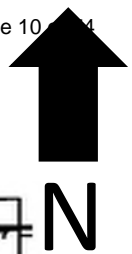
### Attachments:

- A. Site & Building Maps
- B. Submittal Requirements
- C. Safety Data Sheets for Chemsafe Clear
- D. Asbestos Inspection Report by Room

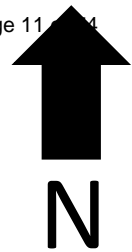


**Attachment A – Site & Building Maps**

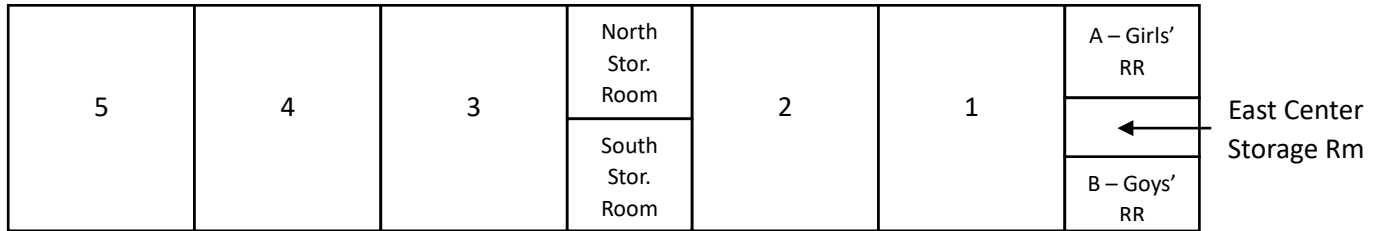
Bakersfield City School District  
Fremont ES – 607 Texas Street, Bakersfield, CA 93307  
YES, Inc. Project Number 22YES-109  
December 2022 – May 2023



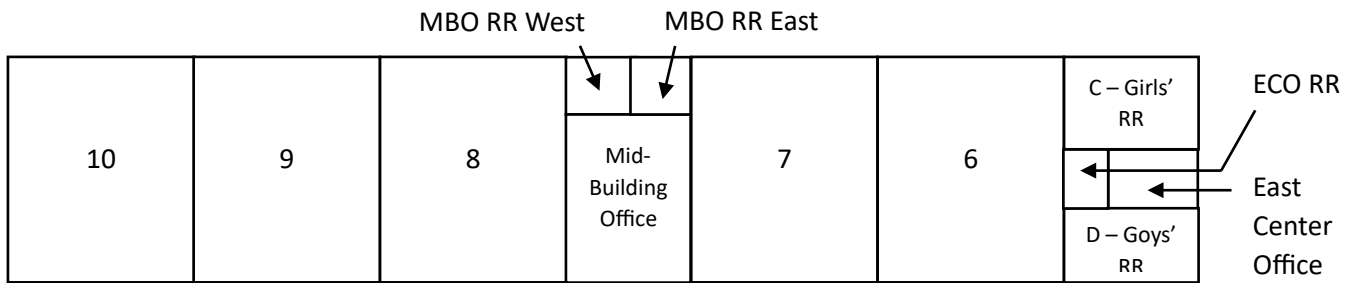
FREMONT MAGNET ELEMENTARY SCHOOL  
607 TEXAS ST.



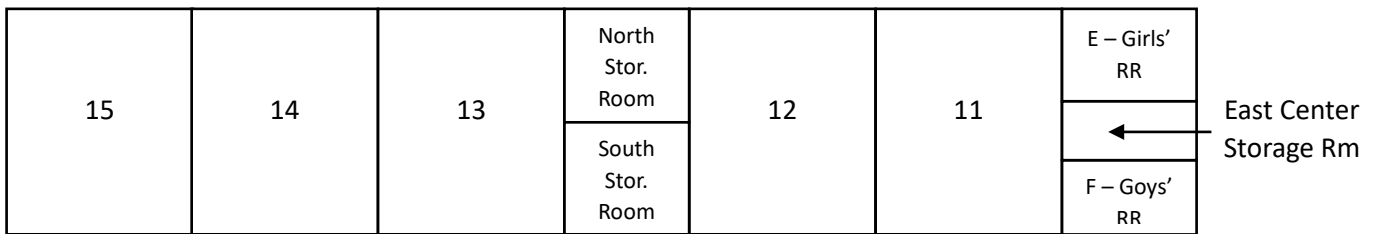
**Building C**



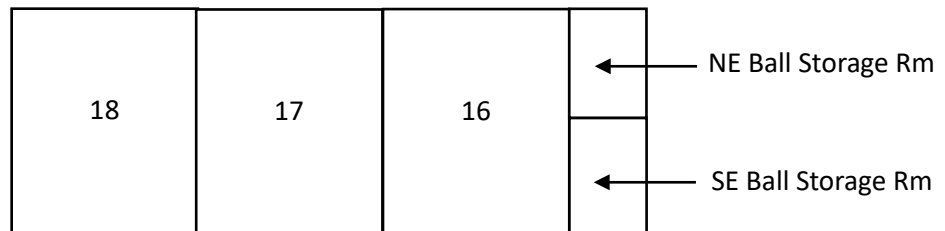
**Building D**



**Building E**



**Building F**





## **Attachment B – Submittal Requirements**

### Asbestos Submittal Requirements

Note: not all of the items listed below are applicable for every project. Only the items applicable are required to be included in the submittal packet.

#### **Prestart Submittals**

1. Contractor's license(s)
  - a. CSLB license with asbestos certification
2. DOSH registration
3. Notifications
  - a. Appropriate local EPA enforcement agency for the job site location.
  - b. Cal/OSHA asbestos notification
  - c. Equipment rented
    - i. Proof the rental company has been made aware the rented equipment will be used for asbestos related work.
4. Site specific safety/emergency plan
  - a. This must include, but is not limited to, the nearest hospital's phone number and address;
  - b. Local police department phone number and address;
  - c. Title, name and phone number of the contractor's contact whom should be contacted in the event of an emergency.
5. Contractor worker documentation for all workers on-site
  - a. Proof of AHERA training
  - b. Proof of Medical approval to wear a respirator
  - c. Respirator fit test
6. Contractor's respiratory protection program
7. Challenge testing certificates
8. Negative exposure assessment (if requesting to don lesser PPE than specified in the SOW)
9. Safety data sheets for all hazardous materials (as defined by Cal/OSHA)
10. Waste Disposal
  - a. Paperwork for landfill proving the landfill will accept the waste
  - b. Proof of licensed waste hauler and company for hazardous waste
  - c. Waste characterization of lead waste
  - d. Manifest for all types of waste to be generated

#### **Submittals Required During the Project**

1. Daily copies
  - a. Safety meeting (if held daily)
  - b. Worker roster of all employees onsite – regardless of training
  - c. Entry/exit log for employees entering/exiting containment/regulated area
  - d. HEPA filter change log
2. Weekly
  - a. Safety meeting
  - b. Worker personal air monitoring
  - c. Area air monitoring

#### **Submittals Required at the Conclusion of the Project**

1. Contractor air monitoring & laboratory results (refer to the SOW for required frequency)
2. Any other paperwork as requested by the Consultant or Building Owner





**Attachment C – Safety Data Sheet**

**SAFETY DATA SHEET****TRADE NAME: CHEMSAFE CLEAR**

PAGE 1 OF 8

ISSUE DATE: 1/15/1990

REVISION DATE: 4/15/2015

**1. PRODUCT AND COMPANY IDENTIFICATION****GHS PRODUCT IDENTIFIER:**

TRADE NAME; CHEMSAFE CLEAR (CARB COMPLIANT)

**OTHER MEANS OF IDENTIFICATION:****RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE:**

RECOMMENDED USE: Mastic Removal

**SUPPLIER'S DETAILS:**

1480 GRANDVIEW AVE.  
THOROFARE, NJ 08086  
(800)767-6933

**EMERGENCY PHONE NUMBER:**

COMPANY PHONE NUMBER: (800)767-6933  
(24HR) EMERGENCY NUMBER: CHEM-TREC (800)424-9300

**2. HAZARD IDENTIFICATION****GHS CLASSIFICATION:**

GHS CLASSIFICATION SCALE: 1=SEVERE HAZARD, 4=SLIGHT HAZARD)

ASPIRATION HAZARD  
SERIOUS EYE DAMAGE IRRITATION

CATEGORY 1  
CATEGORY 2A

**LABEL ELEMENTS:****SIGNAL WORD: DANGER****HAZARD STATEMENTS:**

Causes serious eye irritation  
May be fatal if swallowed and enters airways

**SAFETY DATA SHEET****TRADE NAME: CHEMSAFE CLEAR**

PAGE 2 OF 8

**HAZARD SYMBOLS:****PRECAUTIONARY STATEMENTS:**

Keep out of reach of children  
 Wash hands, face and all exposed skin areas after handling.  
 Wear protective gloves/protective clothing/eye protection/face protection

**PRECAUTIONARY STATEMENTS (RESPONSE):**

IF SWALLOWED: Immediately call a poison center or doctor or physician. Do not induce vomiting.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

**PRECAUTIONARY STATEMENTS (STORAGE):**

Store locked up.

**PRECAUTIONARY STATEMENTS (DISPOSAL):**

Dispose of contents/container to an approved waste disposal plant in accordance with applicable local/regional/national and international regulations and product characteristics at time of disposal.

**OTHER HAZARDS:**

Repeated or prolonged exposure can cause skin dryness or cracking.

### 3. COMPOSITION INFORMATION ON INGREDIENTS

INGREDIENT IDENTITY	CAS NUMBER	PERCENTAGE
DISTILLATES, PETROLEUM HYDROTREATED, LIGHT	64742-47-8	PROPRIETARY
BUTOXYDIGLYCOL	112-34-5	PROPRIETARY

REMAINING INGREDIENTS ARE NOT REPORTABLE UNDER OSHA/SDS GUIDELINES. THE EXACT PERCENTAGES OF SOME INGREDIENTS HAVE BEEN WITHHELD AS (CBI) CONFIDENTIAL BUSINESS INFORMATION TRADE SECRET.

### 4. FIRST AID MEASURES

INGESTION: If swallowed, wash out mouth with water. Do not induce vomiting, this product is an aspiration hazard. If spontaneous vomiting occurs, keep head below hips to prevent aspiration of liquid into the lung. Never give anything by mouth to an unconscious person.

**SKIN CONTACT:** Remove contaminated clothing. Wash with soap and plenty of water for 15 minutes. Wash contaminated clothing before reuse. If irritation occurs get medical advice.

**INHALATION:** Move individual away from exposure and into fresh air. If breathing is irregular or stopped, administer artificial respiration. In case of shortness of breath, give oxygen. Call a physician immediately.

**EYE CONTACT:** Rinse cautiously with water for several minutes. Remove contact lenses if easy to do. Continue rinsing. If eye irritation persists, get medical attention/advice.

### **Most Important Symptoms and Effects, Acute and Delayed**

**INGESTION:** Symptoms may include diarrhea, gastric pain, and vomiting.

**SKIN CONTACT:** Symptoms may include redness, dryness and cracking of skin.

**INHALATION:** Not expected; however, symptoms may include irritation of respiratory tract and/or CNS symptoms such as dizziness, confusion, drowsiness or fatigue.

**EYE CONTACT:** Symptoms may include stinging, tearing, redness and blurred vision.

### **Indication of immediate medical attention and special treatment needed, if necessary.**

Treat Symptomatically.

## **5. FIRE FIGHTING MEASURES**

**Suitable extinguishing media:** Use fire extinguishers suitable for surrounding fire, possibly consisting of water spray, dry chemical, carbon dioxide, or foam.

**Unsuitable extinguishing media-** Do not use water jet.

**Specific hazards arising from the chemical:** In a fire or if heated, a pressure increase will occur and the container may burst. Material will burn in a fire. Flash point is over 200F. Material will emulsify and not directly float with water spray and emulsion could aid in not exacerbating fire.

**Hazardous thermal decomposition products:** carbon monoxide and CO<sub>2</sub>

**Special protective actions for fire-fighters:** Keep product containers and surrounding areas cool with water spray. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters:** Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## **6. ACCIDENTAL RELEASE MEASURES**

### **Personal precautions, protective equipment and emergency procedures:**

**For non-emergency personnel:** No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Avoid breathing vapor or mists. Put on appropriate personal protective equipment. Wear appropriate respirator when ventilation is inadequate.

**For emergency responders:** If specialized clothing is required to deal with the spillage, take note of information in section 8 for further information. See also information in non-emergency personnel above.

**Environmental precautions:** Avoid dispersal of spilled material with soil, waterways, drains and sewers. See section 12 for additional ecological information.

#### **Methods and materials for containment and cleaning up.**

**Small spill:** Stop leak if without risk. Move containers from the spill area. Absorb with an inert dry non combustible material such as diatomaceous earth or vermiculite and place in an appropriate waste disposal container. Mop any remaining residues with soap and water and dispose of wastes via a licensed waste disposal contractor according to federal, state and local regulations.

**Large spill:** Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, drains, water courses and confined areas. Wash spillages into an effluent treatment plant or absorb with an inert dry non combustible material such as diatomaceous earth or vermiculite and place in a appropriate waste disposal containers. Mop any remaining residues with soap and water and dispose of wastes via a licensed waste disposal contractor according to federal, state and local regulations.

## **7. HANDLING AND STORAGE**

#### **Precautions for Safe Handling:**

**Safe Handling Advice:** Utilize appropriate personal protective equipment when handling product. Do not swallow. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mists. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container and tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. No smoking. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection and face protection during use. Emptied containers can contain product residues and remain hazardous. Do not reuse, flame cut, braze or weld container and observe all sds information around empty containers and dispose of in accordance with federal, state and local regulations.

**Advice on general occupational hygiene:** Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also section 8 for additional hygiene information.

#### **Conditions for safe storage including any incompatibilities:**

Store in original container in a dry, cool and well ventilated area away from strong oxidizing agents (see section 10) and food and drink. Store locked up. Eliminate all ignition sources. Keep container tightly closed when not in use. Do not store in unlabeled containers.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

<u>Control Parameters</u>	<u>Occupational Exposure Limits</u>		
<u>Ingredient Identity</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>NIOSH IDLH</u>
Butoxydiglycol	112-34-5	TWA 10ppm	

Distillates, Petroleum TWA:skin absorption 200mg/m<sup>3</sup> (as total hydrocarbon vapor) 8 hours  
Hydrotreated, Light 64742-47-8

### Appropriate Engineering Controls

**Engineering Controls:** Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants and air concentrations below occupational exposure standards.

### Individual protection measures, such as personal protective equipment. (PPE)

**Eye/Face Protection:** Wear approved tightly sealed safety goggles

**Skin & Body Protection:** Wear chemical resistant, impervious gloves at all times when handling chemical products. Check during use that gloves are still retaining their impervious properties, as the time for breakthrough can change from different manufacturers and chemical mixtures cannot always be accurately measured. Appropriate footwear and suitable protective clothing should be worn for the degree and risk of exposure.

**Respiratory Protection:** If workplace exposure limits of product or any component is exceeded, utilize proper respiratory protection program guidelines (see OSHA 1910.134 and American National Standard ANSI Z88.2) Use a properly fitted NIOSH/MSHA air-purifying or air-fed respirator in compliance with the above mentioned standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: clear liquid  
Odor: near odorless  
Odor threshold: not available  
pH: not applicable  
Melting Point/Freezing Point: -56F  
Initial Boiling Point/Range: 344F-473F  
Flash Pt: >200F lowest ingredient, does not sustain combustion  
Evaporation Rate: <1 (butyl acetate=1)  
Lower explosive limits: .6% Aliphatic Solvent  
Upper explosive limits: 5.5% Aliphatic Solvent  
Vapor Pressure: meets CARB guidelines  
Vapor Density: 4.5-5 (air=1)  
Relative Density: .84  
Solubility in water: Emulsifies  
Partition coefficient: not applicable  
Auto ignition temp: >428F  
Decomposition Temp: not available  
Viscosity: pourable liquid

**10. STABILITY AND REACTIVITY**

Reactivity: Stable in normal ambient temperature and pressure

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: not under normal conditions of storage and use.

Conditions to Avoid: Open flames, sparks

Incompatible Materials: Oxidizing materials

Hazardous Decomposition Products: Carbon monoxide and Carbon Dioxide

**11. TOXICOLOGICAL INFORMATION**

**Acute toxicity: Not classified,**

**Skin corrosion irritation: not classified,**

**Serious Eye damage: classified, Category 2, Causes serious eye irritation, Butoxydiglycol 112-34-5**

**Sensitization: Not classified,**

**Mutagenicity: Not classified,**

**Carcinogenicity: Not classified**

**Reproductive Toxicity: Not Classified**

**Teratogenicity: Not Available**

**Specific target Organ Toxicity (single exposure)**

**Not classified**

**Specific target Organ Toxicity (repeated exposure):**

**Not classified**

**Aspiration Hazard:**

**Distillate petroleum hydrotreated, light 64742-47-8 , Aspiration Hazard Category 1**

**SAFETY DATA SHEET****TRADE NAME: CHEMSAFE CLEAR**

PAGE 7 OF 8

**Information on the likely routes of exposure:****Ingestion:** May be harmful if swallowed. May be fatal if swallowed and enters airways.**Inhalation:** Do not breathe vapors or mists.**Skin:** May be harmful in contact with skin.**Eye:** Causes serious eye irritation**Symptoms related to the physical, chemical and toxicological characteristics****Ingestion:** See section iv, most important symptoms and effects, acute and delayed.**Inhalation:** See section iv, most important symptoms and effects, acute and delayed.**Skin:** See section iv, most important symptoms and effects, acute and delayed.**Eye:** See section iv, most important symptoms and effects, acute and delayed.**Delayed and immediate effects and also chronic effects from short and long term exposure.**

General: Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis

Carcinogenicity: no known significant effects or critical hazards. Not classifiable.

**Numerical measures of Toxicity**

Not Available

**12. ECOLOGICAL INFORMATION****Toxicity:**

<u>Ingredient name</u>	<u>Result</u>	<u>Species</u>	<u>Exposure</u>
Distillate Petroleum, Hydrotreated, light	Chronic NOEL 0.48 mg/l	Daphnia	21 days

**Persistence and degradability:**Distillate Petroleum: Biodegradability-inherent  
Hydrotreated

Butoxydiglycol 112-34-5: readily biodegradable

**Bioaccumulation Potential:**

Not expected to bioaccumulate

**Mobility in Soil:**

No data

**Other adverse Effects:**

No known significant effects or critical hazards

**13. DISPOSAL CONSIDERATIONS**

Dispose in accordance with applicable federal, state and local regulations.



**SAFETY DATA SHEET****TRADE NAME: CHEMSAFE CLEAR**

PAGE 8 OF 8

**14. TRANSPORTATION INFORMATION**

**DOT:** NOT REGULATED  
**IATA:** NOT REGULATED  
**IMDG:** NOT REGULATED

**15. REGULATORY INFORMATION**

**U.S. FEDERAL REGULATIONS:** All ingredients are listed or exempted with TSCA.

SARA 302/304: no products were found.

SARA 311/312: acute health hazard

Ingredient	%	FIRE HAZARD	PRESSURE RELEASE	REACTIVE	IMMEDIATE ACUTE	DELAYED CHRONIC
Distillate Petroleum, Hydrotreated	80-95	YES	NO	NO	NO	NO
Butoxydiglycol 112-34-5	PROPRIETARY				YES	YES

SARA 313: butoxydiglycol, <12%

STATE REGULATIONS:

Ingredient	New York	New Jersey	Massachusetts	Pennsylvania
Distillate Petroleum Hydrotreated. 64742-47-8	No	No	No	No
Butoxydiglycol 112-34-5	No	Yes	Yes	yes

California Prop 65: none known

**16. OTHER INFORMATION**

HMIS RATING: HEALTH (1) FIRE (1) REACTIVITY (0)  
 4=EXTREME, 3=HIGH, 2=MODERATE, 1=SLIGHT, 0=INSIGNIFICANT

**NOTICE TO READER:**

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. The information on this sds was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Users are advised to confirm in advance of need, that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the sds. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.



**Attachment D – Asbestos Inspection Report by Room**



# YES Environmental, Inc.

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

Client: Bakersfield City School District

YES Project No.: 22YES-109

Site: Fremont ES

Date of Inspection: 12/13/2022

## Inspection Report

<b>Building:</b> Building A - MPR Building	<b>Room Name:</b> Staff Lounge	<b>Rm Ft<sup>2</sup>:</b> 210
	<b>Room Dimensions:</b> L=21 W=10 H=10	

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	7		Carpet & glue - Off-white w/Black/Grey/Blue/Tan specks	ACM tile	N	N/A
Floor	17	17A	Concealed floor tile 7% CH & black mastic = ND - 9" tan	Concrete	Y	N
BB	8	08A	Baseboard & glue 4" lt brown		N	N/A
Wall	37	37B	Plaster - sanded finish		N	N/A
Ceiling	10	10B	Acoustic ceiling tile 12" random hole & brown glue	Drywall	N	N/A
Ceiling	11	11A	Unfinished drywall		N	N/A

<b>Building:</b> Building A - MPR Building	<b>Room Name:</b> SW Staff RR 2	<b>Rm Ft<sup>2</sup>:</b> 130
Exterior Restrooms - east side of building	<b>Room Dimensions:</b> L=13 W=10 H=8	

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	12		Ceramic floor tile brown grout (1" lt brown)		N	N/A
Walls	13	13A	Ceramic wall tile white grout (6" brown)	Plaster	N	N/A
Walls	14		Plaster - smooth		N	N/A
Ceiling	14		Plaster - smooth		N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

<b>Building:</b> Building A - MPR Building	<b>Room Name:</b> NE Staff RR 1	<b>Rm Ft<sup>2</sup>:</b> 130
Exterior restrooms - east side of building	<b>Room Dimensions:</b> L=13 W=10 H=8	

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	12	12A	Ceramic floor tile brown grout (1" lt brown)		N	N/A
Walls	13	13A	Ceramic wall tile white grout (6" brown)	Plaster	N	N/A
Walls	14		Plaster - smooth		N	N/A
Ceiling	14		Plaster - smooth		N	N/A

RED=contains asbestos  
BLACK=no asbestos detected or non-suspect

<b>Building:</b> Building A - MPR Building	<b>Room Name:</b> Exterior
Roof Footprint: L=194 W=45	<b>Building Footprint:</b> L=186 W=30 H=12

Component	HMR #	Sample #	Material Description	Substrate	Asbestos Y/N	Friable Y/N
Ground	-		Concrete - bare & exposed		N/A	N/A
Walls	1	01A-B	Exterior stucco - painted & vapor barrier		N	N/A
Soffit	1		Exterior stucco - painted		N	N/A
<b>Windows</b>	<b>2</b>	<b>2I</b>	<b>Exterior window putty - painted - 2% CH</b>		<b>Y</b>	<b>Y</b>
Roof	38	38A	White coating on foam roofing on rolled composition roofing & felts		N	N/A
Roof	3	03I	White foam over shingles & felts - LIMITED TO THE AREAS ABOVE STAFF LOUNGE & RR		N	N/A
<b>Roof</b>	<b>4</b>	<b>04E</b>	<b>Mastics - black/grey (foamed over) 8-10% CH</b>		<b>Y</b>	<b>N</b>
	<b>NOTE</b>		<b>On components such as, but not limited to, roof jacks, roof patches, pipes, HVAC platforms, etc.</b>			

RED=contains asbestos  
 BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

Client: Bakersfield City School District

YES Project No.: 22YES-109

Site: Fremont ES

Date of Inspection: 12/13/2022

## Inspection Report

<b>Building:</b> Building B (Admin)	<b>Room Name:</b> Representative of interiors throughout these rooms.
-------------------------------------	---

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Walls	-		Plywood		N/A	N/A
Walls	-		Tackboard - appear to be attached w/screws		N/A	N/A
Ceiling	22		False ceiling panel - 2'x4' gouge pinhole	F/G batts	N	N/A
Ceiling	26		Fiberglass batts foil/paper jacketing	ACTs	N	N/A
Ceiling	10		Acoustic ceiling tile 12" random hole & brown glue	Drywall	N	N/A
Ceiling	11		Unfinished drywall	F/G batts	N	N/A
Ceiling	25		Fiberglass batts paper jacketing	Diagonal sheathing	N	N/A

**Inspection limited to ceilings in this building for fire alarm work in accordance with BCSD plans.**

RED=contains asbestos

BLACK=no asbestos detected or non-suspect

<b>Building:</b> Building A - MPR Building	<b>Room Name:</b> Exterior
Roof Footprint: L=194 W=45	<b>Building Footprint:</b> L=186 W=30 H=12

Component	HMR #	Sample #	Material Description	Substrate	Asbestos Y/N	Friable Y/N
Ground	-		Concrete - bare & exposed		N/A	N/A
Walls	1		Exterior stucco - painted & vapor barrier		N	N/A
Soffit	1		Exterior stucco - painted		N	N/A
<b>Windows</b>	<b>2</b>	<b>21</b>	<b>Exterior window putty - painted - 2% CH</b>		<b>Y</b>	<b>Y</b>
Roof	3		White foam over shingles & felts		N	N/A
<b>Roof</b>	<b>4</b>		<b>Mastics - black/grey (foamed over) 8-10% CH</b>		<b>Y</b>	<b>N</b>
	<b>NOTE</b>		<b>On components such as, but not limited to, roof jacks, roof patches, pipes, HVAC platforms, etc.</b>			

RED=contains asbestos  
 BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

**Client:** Bakersfield City School District

**YES Project No.:** 22YES-109

**Site:** Fremont ES

**Date of Inspection:** 12/13/2022

## Inspection Report

<b>Building:</b> Building C - CRs 1-5 east of CR 1	<b>Room Name:</b> A - Girl's Restroom	<b>Rm Ft<sup>2</sup>:</b> 195
<b>Room Dimensions:</b> L=15 W=13 H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	15		Ceramic floor tile brown grout (1"x2" browns)		N	N/A
Wall	16		Ceramic wall tile white grout (4"x6" cream w/gold specks)	Plaster	N	N/A
	NOTE		AFF 7'			
Wall	14		Plaster - smooth		N	N/A
Ceiling	14		Plaster - smooth		N	N/A

<b>Building:</b> Building C - CRs 1-5 east of CR 1	<b>Room Name:</b> East Center Storage Rm	<b>Rm Ft<sup>2</sup>:</b> 120
<b>Room Dimensions:</b> L=15 W=8 H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	-		Concrete - bare & exposed		N/A	N/A
BB	-		None		N/A	N/A
Walls	14	14A	Plaster - smooth		N	N/A
Ceiling	14		Plaster - smooth		N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect





# YES Environmental, Inc.

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

<b>Building:</b> Building C - CRs 1-5 east of CR 1	<b>Room Name:</b> B - Boy's Restroom	<b>Rm Ft<sup>2</sup>:</b> 195
<b>Room Dimensions:</b> L=15    W=13    H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	15		Ceramic floor tile brown grout (1"x2" browns)		N	N/A
Wall	16		Ceramic wall tile white grout (4"x6" cream w/gold specks)	Plaster	N	N/A
	NOTE		AFF 7'			
Wall	14	14B	Plaster - smooth		N	N/A
Ceiling	14		Plaster - smooth		N	N/A

RED=contains asbestos  
 BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

<b>Building:</b>	Building C - CRs 1-5	<b>Room Name:</b>	Classroom 1 - Academic Coach	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32      W=30      H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	18		Carpet squares & corner glue tabs - blue w/ multi colored pattern	Black mastic	N	N/A
	NOTE		Covers about 90% of floor			
Floor	20		Carpet & corner glue tabs - black with white specks	Black mastic	N	N/A
	NOTE		Covers about 10% of floor at entrances			
Floor	21		Black mastic	Concrete	N	N/A
	NOTE		Previously sampled in 2018 22YES-18 #s: 01A-04A			
BB	19	19A	Baseboard & glue 4" black		N	N/A
Walls	-		Plywood		N/A	N/A
Walls	-		Tackboard - appear to be attached w/screws		N/A	N/A
Sink	-		Porcelain		N/A	N/A
Ceiling	22		False ceiling panel - 2'x4' gouge pinhole	F/G batts	N	N/A
Ceiling	26		Fiberglass batts foil/paper jacketing	ACTs	N	N/A
Ceiling	10		Acoustic ceiling tile 12" random hole & brown glue	Drywall	N	N/A
Ceiling	11		Unfinished drywall	F/G batts	N	N/A
Ceiling	25		Fiberglass batts paper jacketing	Diagonal sheathing	N	N/A
<b>Unit</b>						
Ventilator	28		Fiberglass pipe insulation w/paper jacket		N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

<b>Building:</b>	Building C - CRs 1-5	<b>Room Name:</b>	Classroom 2	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	18		Carpet squares & corner glue tabs - blue w/ multi colored pattern	Black mastic	N	N/A
	NOTE		Covers about 90% of floor			
Floor	20		Carpet & corner glue tabs - black with white specks	Black mastic	N	N/A
	NOTE		Covers about 10% of floor at entrances			
Floor	21		Black mastic	Concrete	N	N/A
	NOTE		Previously sampled in 2018 22YES-18 #s: 01A-04A			
BB	19		Baseboard & glue 4" black		N	N/A
Walls	-		Plywood		N/A	N/A
Walls	-		Tackboard - appear to be attached w/screws		N/A	N/A
Sink	-		Porcelain		N/A	N/A
Ceiling	22		False ceiling panel - 2'x4' gouge pinhole	F/G batts	N	N/A
Ceiling	26	26A	Fiberglass batts foil/paper jacketing	ACTs	N	N/A
Ceiling	10	10A	Acoustic ceiling tile 12" random hole & brown glue	Drywall	N	N/A
Ceiling	11	11B	Unfinished drywall	F/G batts	N	N/A
Ceiling	25	25A	Fiberglass batts paper jacketing	Diagonal sheathing	N	N/A
<b>Unit</b>						
Ventilator	28	28A	Fiberglass pipe insulation w/paper jacket		N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

<b>Building:</b> Building C - CRs 1-5 Between Classroom 2 & 3	<b>Room Name:</b> South Stor. Rm	<b>Rm Ft<sup>2</sup>:</b> 210
	<b>Room Dimensions:</b> L=15 W=14 H=+/- 12	

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	-		Concrete - painted		N/A	N/A
BB	27		Baseboard & glue 4" grey		N	N/A
Walls	14		Plaster - smooth		N	N/A
Ceiling	14		Plaster - smooth		N	N/A
NOTE			ATTIC ACCESS			

<b>Building:</b> Building C - CRs 1-5 Between Classroom 2 & 3	<b>Room Name:</b> North Stor. Rm	<b>Rm Ft<sup>2</sup>:</b> 210
	<b>Room Dimensions:</b> L=15 W=14 H=+/- 12	

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	-		Concrete - painted		N/A	N/A
BB	27	27A	Baseboard & glue 4" grey		N	N/A
Walls	14		Plaster - smooth		N	N/A
Ceiling	14		Plaster - smooth		N	N/A

RED=contains asbestos  
BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

<b>Building:</b>	Building C - CRs 1-5	<b>Room Name:</b>	Classroom 3	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	18	18B	Carpet squares & corner glue tabs - blue w/ multi colored pattern	Black mastic	N	N/A
		NOTE	Covers about 90% of floor			
Floor	20		Carpet & corner glue tabs - black with white specks	Black mastic	N	N/A
		NOTE	Covers about 10% of floor at entrances			
Floor	21		Black mastic	Concrete	N	N/A
		NOTE	Previously sampled in 2018 22YES-18 #s: 01A-04A			
BB	19		Baseboard & glue 4" black		N	N/A
Walls	-		Plywood		N/A	N/A
Walls	-		Tackboard - appear to be attached w/screws		N/A	N/A
Sink	-		Porcelain		N/A	N/A
Ceiling	22	22B	False ceiling panel - 2'x4' gouge pinhole	F/G batts	N	N/A
Ceiling	26	26B	Fiberglass batts foil/paper jacketing	ACTs	N	N/A
Ceiling	10		Acoustic ceiling tile 12" random hole & brown glue	Drywall	N	N/A
Ceiling	11		Unfinished drywall	F/G batts	N	N/A
Ceiling	25		Fiberglass batts paper jacketing	Diagonal sheathing	N	N/A
Unit						
Ventilator	28		Fiberglass pipe insulation w/paper jacket		N	N/A

RED=contains asbestos  
 BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

<b>Building:</b>	Building C - CRs 1-5	<b>Room Name:</b>	Classroom 4	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	18	18A	Carpet squares & corner glue tabs - blue w/ multi colored pattern	Black mastic	N	N/A
	NOTE		Covers about 90% of floor			
Floor	20		Carpet & corner glue tabs - black with white specks	Black mastic	N	N/A
	NOTE		Covers about 10% of floor at entrances			
Floor	21		Black mastic	Concrete	N	N/A
	NOTE		Previously sampled in 2018 22YES-18 #s: 01A-04A			
BB	19	19B	Baseboard & glue 4" black		N	N/A
Walls	-		Plywood		N/A	N/A
Walls	-		Tackboard - appear to be attached w/screws		N/A	N/A
Sink	-		Porcelain		N/A	N/A
Ceiling	22	22A	False ceiling panel - 2'x4' gouge pinhole	F/G batts	N	N/A
Ceiling	26		Fiberglass batts foil/paper jacketing	ACTs	N	N/A
Ceiling	10		Acoustic ceiling tile 12" random hole & brown glue	Drywall	N	N/A
Ceiling	11		Unfinished drywall	F/G batts	N	N/A
Ceiling	25		Fiberglass batts paper jacketing	Diagonal sheathing	N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

<b>Building:</b>	Building C - CRs 1-5	<b>Room Name:</b>	Classroom 5	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	18		Carpet squares & corner glue tabs - blue w/ multi colored pattern	Black mastic	N	N/A
	NOTE		Covers about 90% of floor			
Floor	20	20A	Carpet & corner glue tabs - black with white specks	Black mastic	N	N/A
	NOTE		Covers about 10% of floor at entrances			
Floor	21		Black mastic	Concrete	N	N/A
	NOTE		Previously sampled in 2018 22YES-18 #s: 01A-04A			
BB	19		Baseboard & glue 4" black		N	N/A
Walls	-		Plywood		N/A	N/A
Walls	-		Tackboard - appear to be attached w/screws		N/A	N/A
Sink	-		Porcelain		N/A	N/A
Ceiling	22		False ceiling panel - 2'x4' gouge pinhole	F/G batts	N	N/A
Ceiling	26		Fiberglass batts foil/paper jacketing	ACTs	N	N/A
Ceiling	10	10C	Acoustic ceiling tile 12" random hole & brown glue	Drywall	N	N/A
Ceiling	11	11C	Unfinished drywall	F/G batts	N	N/A
Ceiling	25		Fiberglass batts paper jacketing	Diagonal sheathing	N	N/A
Unit						
Ventilator	28	28B	Fiberglass pipe insulation w/paper jacket		N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect

<b>Building:</b> Building C - CRs 1-5	<b>Room Name:</b> Exterior
Roof Footprint: L=194 W=45	<b>Building Footprint:</b> L=186 W=30 H=12

Component	HMR #	Sample #	Material Description	Substrate	Asbestos Y/N	Friable Y/N
Ground	-		Concrete - bare & exposed		N/A	N/A
Walls	1	01D	Exterior stucco - painted & vapor barrier		N	N/A
Soffit	1	01C	Exterior stucco - painted		N	N/A
<b>Windows</b>	<b>2</b>	<b>02A-B</b>	<b>Exterior window putty - painted - 2% CH</b>		<b>Y</b>	<b>Y</b>
Roof	3	03A-B	White foam over shingles & felts		N	N/A
<b>Roof</b>	<b>4</b>	<b>04A</b>	<b>Mastics - black/grey (foamed over) 8-10% CH</b>		<b>Y</b>	<b>N</b>
	<b>NOTE</b>		<b>On componenets such as, but not limited to, roof jacks, roof patches, pipes, HVAC platforms, etc.</b>			

RED=contains asbestos  
 BLACK=no asbestos detected or non-suspect





# YES Environmental, Inc.

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

**Client:** Bakersfield City School District

**YES Project No.:** 22YES-109

**Site:** Fremont ES

**Date of Inspection:** 12/13/2022

## Inspection Report

<b>Building:</b> Building D - CRs 6-10 east of CR 6	<b>Room Name:</b> C - Girl's Restroom	<b>Rm Ft<sup>2</sup>:</b> 195
<b>Room Dimensions:</b> L=15 W=13 H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	29	29A	Ceramic floor tile brown grout (1" grey)		N	N/A
Wall	31	31A	Ceramic wall tile white grout (6" Blue)	Plaster	N	N/A
	NOTE		AFF 7'			
Wall	14		Plaster - smooth		N	N/A
Ceiling	14		Plaster - smooth		N	N/A

<b>Building:</b> Building D - CRs 6-10 east of CR 1	<b>Room Name:</b> East Center Office	<b>Rm Ft<sup>2</sup>:</b> 96
<b>Room Dimensions:</b> L=12 W=8 H=8		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	18		Carpet squares & corner glue tabs - blue w/ multi colored pattern	Concrete	N	N/A
Floor	20		Carpet & corner glue tabs - black with white specks	Concrete	N	N/A
BB	19		Baseboard & glue 4" black		N	N/A
Walls	14		Plaster - smooth		N	N/A
Ceiling	14		Plaster - smooth		N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

<b>Building:</b> Building D - CRs 6-10 east of CR 1	<b>Room Name:</b> East Center Office Restroom	<b>Rm Ft<sup>2</sup>:</b> 32
<b>Room Dimensions:</b> L=8      W=4      H=8		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	15		Ceramic floor tile brown grout (1"x2" browns)		N	N/A
BB	16		Ceramic wall tile white grout (4"x6" cream w/gold specks)		N	N/A
Walls	14		Plaster - smooth		N	N/A
Ceiling	14		Plaster - smooth		N	N/A

<b>Building:</b> Building D - CRs 6-10 east of CR 1	<b>Room Name:</b> D - Boy's Restroom	<b>Rm Ft<sup>2</sup>:</b> 195
<b>Room Dimensions:</b> L=15      W=13      H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	29		Ceramic floor tile brown grout (1" grey)		N	N/A
Wall	30	30A	Ceramic wall tile white grout (6" Brown)	Plaster	N	N/A
	NOTE		AFF 7'			
Wall	14		Plaster - smooth		N	N/A
Ceiling	14		Plaster - smooth		N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

<b>Building:</b>	Building D - CRs 6-10	<b>Room Name:</b>	Classroom 6	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	32	32A	Carpet squares & corner glue tabs - brown/green/yellow/orange s	Black mastic	N	N/A
	NOTE		Covers about 90% of floor			
Floor	20		Carpet & corner glue tabs - black with white specks	Black mastic	N	N/A
	NOTE		Covers about 10% of floor at entrances			
Floor	21		Black mastic	Concrete	N	N/A
	NOTE		Previously sampled in 2018 22YES-18 #s: 01A-04A			
BB	33	33A	Baseboard & glue 4" silver		N	N/A
Walls	-		Plywood		N/A	N/A
Walls	-		Tackboard - appear to be attached w/screws		N/A	N/A
Sink	-		Stainless steel sink - no coating		N/A	N/A
Ceiling	34	34A	False ceiling panel - 2'x4' gouge pinhole (look like 2'x2')	F/G batts	N	N/A
Ceiling	26	26C	Fiberglass batts foil/paper jacketing	ACTs	N	N/A
Ceiling	10		Acoustic ceiling tile 12" random hole & brown glue	Drywall	N	N/A
Ceiling	11	11D	Unfinished drywall	F/G batts	N	N/A
Ceiling	25	25B	Fiberglass batts paper jacketing	Diagonal sheathing	N	N/A
Unit						
Ventilator	28		Fiberglass pipe insulation w/paper jacket		N	N/A

RED=contains asbestos  
 BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

<b>Building:</b>	Building D - CRs 6-10	<b>Room Name:</b>	Classroom 7	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	20		Carpet & corner glue tabs - black with white specks	Black mastic	N	N/A
	NOTE		Covers about 5% of floor at entrances			
Floor	18		Carpet squares & corner glue tabs - blue w/ multi colored pattern	Black mastic	N	N/A
	NOTE		Covers about 45% of room			
Floor	35	35A	Vinyl plank flooring & glue - blue/yellow/orange	Black mastic	N	N/A
	NOTE		Covers about 50% of room			
Floor	21		Black mastic	Concrete	N	N/A
	NOTE		Previously sampled in 2018 22YES-18 #s: 01A-04A			
BB	19		Baseboard & glue 4" black		N	N/A
Walls	-		Plywood		N/A	N/A
Walls	-		Tackboards appeared to be attached with screws		N/A	N/A
Sinks	-		Stainless steel sink - no coating		N/A	N/A
Ceiling	34		False ceiling panel - 2'x4' gouge pinhole (look like 2'x2')	F/G batts	N	N/A
	NOTE		Covers about 70% of room			
Ceiling	22		False ceiling panel - 2'x4' gouge pinhole	F/G batts	N	N/A
	NOTE		Covers about 30% of room			
Ceiling	10		Acoustic ceiling tile 12" random hole & brown glue	Drywall	N	N/A
Ceiling	11		Unfinished drywall	F/G batts	N	N/A
Ceiling	25		Fiberglass batts paper jacketing	Diagonal sheathing	N	N/A
Unit						
Ventilator	28		Fiberglass pipe insulation w/paper jacket		N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

<b>Building:</b>	Building D - CRs 6-10	<b>Room Name:</b>	Mid-Bldg Office	<b>Rm Ft<sup>2</sup>:</b>	375
		<b>Room Dimensions:</b>	L=25 W=15 H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	18		Carpet squares & corner glue tabs - blue w/ multi colored pattern	Black mastic	N	N/A
	NOTE		Covers about 85% of floor			
Floor	36	36A	Sheet flooring & glue - cream mosaic	Black mastic	N	N/A
	NOTE		Covers about 15% of floor			
Floor	21		Black mastic	Concrete	N	N/A
	NOTE		Previously sampled in 2018 22YES-18 #s: 01A-04A			
BB	19		Baseboard & glue 4" black		N	N/A
Walls	37	37A	Plaster - sanded finish		N	N/A
Ceiling	10		Acoustic ceiling tile 12" random hole & brown glue	Drywall	N	N/A
Ceiling	11		Unfinished drywall	F/G batts	N	N/A
Ceiling	25		Fiberglass batts paper jacketing	Diagonal sheathing	N	N/A

<b>Building:</b>	Building D - CRs 6-10	<b>Room Name:</b>	Mid-Bldg Office RR West	<b>Rm Ft<sup>2</sup>:</b>	40
		<b>Room Dimensions:</b>	L=5 W=8 H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	15	15A	Ceramic floor tile brown grout (1"x2" browns)		N	N/A
BB	16	16A	Ceramic wall tile white grout (4"x6" cream w/gold specks)		N	N/A
Walls	14		Plaster - smooth		N	N/A
Ceiling	14		Plaster - smooth		N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

<b>Building:</b>	Building D - CRs 6-10	<b>Room Name:</b>	Mid-Bldg Office RR East	<b>Rm Ft<sup>2</sup>:</b>	15
		<b>Room Dimensions:</b>	L=5      W=3      H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	36		Sheet flooring & glue - cream mosaic		N	N/A
BB - Coved	36		Sheet flooring & glue - cream mosaic		N	N/A
Walls	37		Plaster - sanded finish			
Walls	-		Plywood		N/A	N/A
	NOTE		West & south walls			
Ceiling	10		Acoustic ceiling tile 12" random hole & brown glue	Drywall	N	N/A
Ceiling	11		Unfinished drywall	F/G batts	N	N/A
Ceiling	25		Fiberglass batts paper jacketing	Diagonal sheathing	N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

<b>Building:</b>	Building D - CRs 6-10	<b>Room Name:</b>	Classroom 8	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
<b>Floor</b>	18		Carpet squares & corner glue tabs - blue w/ multi colored pattern	Black mastic	N	N/A
	NOTE		Covers about 90% of floor			
<b>Floor</b>	20		Carpet & corner glue tabs - black with white specks	Black mastic	N	N/A
	NOTE		Covers about 10% of floor at entrances			
<b>Floor</b>	21		Black mastic	Concrete	N	N/A
	NOTE		Previously sampled in 2018 22YES-18 #s: 01A-04A			
<b>BB</b>	19	19C	Baseboard & glue 4" black		N	N/A
<b>Walls</b>	-		Plywood		N/A	N/A
<b>Walls</b>	-		Tackboard - appear to be attached w/screws		N/A	N/A
<b>Sink</b>	-		Porcelain		N/A	N/A
<b>Ceiling</b>	22	22C	False ceiling panel - 2'x4' gouge pinhole	F/G batts	N	N/A
<b>Ceiling</b>	26		Fiberglass batts foil/paper jacketing	ACTs	N	N/A
<b>Ceiling</b>	10		Acoustic ceiling tile 12" random hole & brown glue	Drywall	N	N/A
<b>Ceiling</b>	11		Unfinished drywall	F/G batts	N	N/A
<b>Ceiling</b>	25		Fiberglass batts paper jacketing	Diagonal sheathing	N	N/A
<b>Unit</b>						
<b>Ventilator</b>	28	28C	Fiberglass pipe insulation w/paper jacket		N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

<b>Building:</b>	Building D - CRs 6-10	<b>Room Name:</b>	Classroom 9	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
<b>Floor</b>	18	18C	Carpet squares & corner glue tabs - blue w/ multi colored pattern	Black mastic	N	N/A
	NOTE		Covers about 90% of floor			
<b>Floor</b>	20		Carpet & corner glue tabs - black with white specks	Black mastic	N	N/A
	NOTE		Covers about 10% of floor at entrances			
<b>Floor</b>	21		Black mastic	Concrete	N	N/A
	NOTE		Previously sampled in 2018 22YES-18 #s: 01A-04A			
<b>BB</b>	19		Baseboard & glue 4" black		N	N/A
<b>Walls</b>	-		Plywood		N/A	N/A
<b>Walls</b>	-		Tackboard - appear to be attached w/screws		N/A	N/A
<b>Sink</b>	-		Porcelain		N/A	N/A
<b>Ceiling</b>	22		False ceiling panel - 2'x4' gouge pinhole	F/G batts	N	N/A
<b>Ceiling</b>	26		Fiberglass batts foil/paper jacketing	ACTs	N	N/A
<b>Ceiling</b>	10	10D	Acoustic ceiling tile 12" random hole & brown glue	Drywall	N	N/A
<b>Ceiling</b>	11	11E	Unfinished drywall	F/G batts	N	N/A
<b>Ceiling</b>	25	25C	Fiberglass batts paper jacketing	Diagonal sheathing	N	N/A
<b>Unit</b>						
<b>Ventilator</b>	28		Fiberglass pipe insulation w/paper jacket		N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect





# YES Environmental, Inc.

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

<b>Building:</b>	Building D - CRs 6-10	<b>Room Name:</b>	Classroom 10	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	18		Carpet squares & corner glue tabs - blue w/ multi colored pattern	Black mastic	N	N/A
	NOTE		Covers about 90% of floor			
Floor	20		Carpet & corner glue tabs - black with white specks	Black mastic	N	N/A
	NOTE		Covers about 10% of floor at entrances			
Floor	21		Black mastic	Concrete	N	N/A
	NOTE		Previously sampled in 2018 22YES-18 #s: 01A-04A			
BB	19		Baseboard & glue 4" black		N	N/A
Walls	-		Plywood		N/A	N/A
Walls	-		Tackboard - appear to be attached w/screws		N/A	N/A
Sink	-		Porcelain		N/A	N/A
Ceiling	22		False ceiling panel - 2'x4' gouge pinhole	F/G batts	N	N/A
Ceiling	26		Fiberglass batts foil/paper jacketing	ACTs	N	N/A
Ceiling	10		Acoustic ceiling tile 12" random hole & brown glue	Drywall	N	N/A
Ceiling	11		Unfinished drywall	F/G batts	N	N/A
Ceiling	25		Fiberglass batts paper jacketing	Diagonal sheathing	N	N/A
<b>Unit</b>						
Ventilator	28		Fiberglass pipe insulation w/paper jacket		N	N/A

RED=contains asbestos  
 BLACK=no asbestos detected or non-suspect

<b>Building:</b> Building D - CRs 6-10	<b>Room Name:</b> Exterior
Roof Footprint: L=194 W=45	<b>Building Footprint:</b> L=186 W=30 H=12

Component	HMR #	Sample #	Material Description	Substrate	Asbestos Y/N	Friable Y/N
Ground	-		Concrete - bare & exposed		N/A	N/A
Walls	1	01F & 01H	Exterior stucco - painted & vapor barrier		N	N/A
Soffit	1	01G	Exterior stucco - painted		N	N/A
Windows	2	02C-D	Exterior window putty - painted - 2% CH		Y	Y
Roof	3	03C-E	White foam over shingles & felts		N	N/A
Roof	4	04B	Mastics - black/grey (foamed over) 8-10% CH		Y	N
	NOTE		On components such as, but not limited to, roof jacks, roof patches, pipes, HVAC platforms, etc.			

RED=contains asbestos  
 BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

**Client:** Bakersfield City School District

**YES Project No.:** 22YES-109

**Site:** Fremont ES

**Date of Inspection:** 12/13/2022

## Inspection Report

<b>Building:</b> Building E - CRs 11-15 east of CR 11	<b>Room Name:</b> E - Girl's Restroom	<b>Rm Ft<sup>2</sup>:</b> 195
<b>Room Dimensions:</b> L=15 W=13 H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	29		Ceramic floor tile brown grout (1" grey)		N	N/A
Wall	31	31B	Ceramic wall tile white grout (6" Blue)	Plaster	N	N/A
	NOTE		AFF 7'			
Wall	14		Plaster - smooth		N	N/A
Ceiling	14		Plaster - smooth		N	N/A

<b>Building:</b> Building E - CRs 11-15 east of CR 11	<b>Room Name:</b> East Center Storage Rm	<b>Rm Ft<sup>2</sup>:</b> 120
<b>Room Dimensions:</b> L=15 W=8 H=8		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	-		Concrete - bare & exposed	Concrete	N/A	N/A
BB			None		N/A	N/A
Walls	14	14B	Plaster - smooth		N	N/A
Ceiling	14		Plaster - smooth		N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

<b>Building:</b> Building E - CRs 11-15 east of CR 11	<b>Room Name:</b> F - Boy's Restroom	<b>Rm Ft<sup>2</sup>:</b> 195
<b>Room Dimensions:</b> L=15    W=13    H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	29	29B	Ceramic floor tile brown grout (1" grey)		N	N/A
Wall	30	30B	Ceramic wall tile white grout (6" Brown)	Plaster	N	N/A
	NOTE		AFF 7'			
Wall	14		Plaster - smooth		N	N/A
Ceiling	14		Plaster - smooth		N	N/A

RED=contains asbestos  
BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

<b>Building:</b>	Building E - CRs 11-15	<b>Room Name:</b>	Classroom 11	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	45	45A	Carpet & glue - black with white specks NOTE Covers about 10% of floor at entrances	Black mastic	N	N/A
Floor	44	44A	Carpet squares & glue - blue w/ multi colored pattern NOTE Covers about 90% of room	Black mastic	N	N/A
Floor	21		Black mastic NOTE Previously sampled in 2018 22YES-18 #s: 01A-04A	Concrete	N	N/A
BB	19	19D	Baseboard & glue 4" black		N	N/A
Walls	-		Plywood		N/A	N/A
Walls	-		Tackboard - appear to be attached w/screws		N/A	N/A
Sink	-		Porcelain		N/A	N/A
Ceiling	22		False ceiling panel - 2'x4' gouge pinhole	F/G batts	N	N/A
Ceiling	26		Fiberglass batts foil/paper jacketing	ACTs	N	N/A
Ceiling	10		Acoustic ceiling tile 12" random hole & brown glue	Drywall	N	N/A
Ceiling	11		Unfinished drywall	F/G batts	N	N/A
Ceiling	25		Fiberglass batts paper jacketing	Diagonal sheathing	N	N/A
<b>Unit</b>						
Ventilator	28	28D	Fiberglass pipe insulation w/paper jacket		N	N/A

RED=contains asbestos  
BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

<b>Building:</b>	Building E - CRs 11-15	<b>Room Name:</b>	Classroom 12	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
<b>Floor</b>	45		Carpet & glue - black with white specks	Black mastic	N	N/A
	NOTE		Covers about 10% of floor at entrances			
<b>Floor</b>	44		Carpet squares & glue - blue w/ multi colored pattern	Black mastic	N	N/A
	NOTE		Covers about 90% of room			
<b>Floor</b>	21		Black mastic	Concrete	N	N/A
	NOTE		Previously sampled in 2018 22YES-18 #s: 01A-04A			
<b>BB</b>	19		Baseboard & glue 4" black		N/A	N/A
<b>Walls</b>	-		Plywood		N/A	N/A
<b>Walls</b>	-		Tackboards appeared to be attached with screws		N/A	N/A
<b>Sinks</b>	-		Stainless steel sink - no coating		N/A	N/A
<b>Ceiling</b>	22	22D	False ceiling panel - 2'x4' gouge pinhole	F/G batts	N	N/A
<b>Ceiling</b>	26	26D	Fiberglass batts foil/paper jacketing		N	N/A
<b>Ceiling</b>	10	10F	Acoustic ceiling tile 12" random hole & brown glue	Drywall	N	N/A
<b>Ceiling</b>	11	11F	Unfinished drywall	F/G batts	N	N/A
<b>Ceiling</b>	25	25D	Fiberglass batts paper jacketing	Diagonal sheathing	N	N/A
<b>Unit</b>						
<b>Ventilator</b>	28		Fiberglass pipe insulation w/paper jacket		N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

<b>Building:</b> Building E - CRs 11-15 Between 12 & 13	<b>Room Name:</b> South Storage Room	<b>Rm Ft<sup>2</sup>:</b> 225
<b>Room Dimensions:</b> L=15    W=15    H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	45		Carpet & glue - black with white specks	Black mastic	N	N/A
	NOTE		Covers about 10% of floor at entrances			
Floor	44		Carpet squares & glue - blue w/ multi colored pattern	Black mastic	N	N/A
	NOTE		Covers about 90% of room			
Floor	21		Black mastic	Concrete	N	N/A
	NOTE		Previously sampled in 2018 22YES-18 #s: 01A-04A			
BB	19		Baseboard & glue 4" black		N	N/A
Walls	14		Plaster - smooth		N	N/A
Ceiling	14		Plaster - smooth	F/G batts	N	N/A
Ceiling	25		Fiberglass batts paper jacketing	Diagonal sheathing	N	N/A
NOTE			ATTIC ACCESS			

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

<b>Building:</b> Building E - CRs 11-15 Between 12 & 13	<b>Room Name:</b> North Storage Room	<b>Rm Ft<sup>2</sup>:</b> 225
<b>Room Dimensions:</b> L=15    W=15    H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
<b>Floor</b>	45		Carpet & glue - black with white specks	Black mastic	N	N/A
	NOTE		Covers about 10% of floor at entrances			
<b>Floor</b>	44		Carpet squares & glue - blue w/ multi colored pattern	Black mastic	N	N/A
	NOTE		Covers about 90% of room			
<b>Floor</b>	21		Black mastic	Concrete	N	N/A
	NOTE		Previously sampled in 2018 22YES-18 #s: 01A-04A			
<b>BB</b>	19		Baseboard & glue 4" black		N	N/A
<b>Walls</b>	14		Plaster - smooth		N	N/A
<b>Ceiling</b>	14		Plaster - smooth	F/G batts	N	N/A
<b>Ceiling</b>	25		Fiberglass batts paper jacketing	Diagonal sheathing	N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect





# YES Environmental, Inc.

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

<b>Building:</b>	Building E - CRs 11-15	<b>Room Name:</b>	Classroom 13	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
<b>Floor</b>	45	45B	Carpet & glue - black with white specks NOTE Covers about 10% of floor at entrances	Black mastic	N	N/A
<b>Floor</b>	44	44B	Carpet squares & glue - blue w/ multi colored pattern NOTE Covers about 90% of room	Black mastic	N	N/A
<b>Floor</b>	21		Black mastic NOTE Previously sampled in 2018 22YES-18 #s: 01A-04A	Concrete	N	N/A
<b>BB</b>	19	19E	Baseboard & glue 4" black		N	N/A
<b>Walls</b>	-		Plywood		N/A	N/A
<b>Walls</b>	-		Tackboards appeared to be attached with screws		N/A	N/A
<b>Sinks</b>	-		Stainless steel sink - no coating		N/A	N/A
<b>Ceiling</b>	22		False ceiling panel - 2'x4' gouge pinhole	F/G batts	N	N/A
<b>Ceiling</b>	26		Fiberglass batts foil/paper jacketing		N	N/A
<b>Ceiling</b>	10		Acoustic ceiling tile 12" random hole & brown glue	Drywall	N	N/A
<b>Ceiling</b>	11		Unfinished drywall	F/G batts	N	N/A
<b>Ceiling</b>	25		Fiberglass batts paper jacketing	Diagonal sheathing	N	N/A
<b>Unit</b>						
<b>Ventilator</b>	28		Fiberglass pipe insulation w/paper jacket		N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

<b>Building:</b>	Building E - CRs 11-15	<b>Room Name:</b>	Classroom 14	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	45		Carpet & glue - black with white specks	Black mastic	N	N/A
	NOTE		Covers about 10% of floor at entrances			
Floor	44		Carpet squares & glue - blue w/ multi colored pattern	Black mastic	N	N/A
	NOTE		Covers about 90% of room			
Floor	21		Black mastic	Concrete	N	N/A
	NOTE		Previously sampled in 2018 22YES-18 #s: 01A-04A			
BB	19		Baseboard & glue 4" black		N	N/A
Walls	-		Plywood		N/A	N/A
Walls	-		Tackboards appeared to be attached with screws		N/A	N/A
Sinks	-		Stainless steel sink - no coating		N/A	N/A
Ceiling	22	22E	False ceiling panel - 2'x4' gouge pinhole	F/G batts	N	N/A
Ceiling	26	26E	Fiberglass batts foil/paper jacketing		N	N/A
Ceiling	10	10E	Acoustic ceiling tile 12" random hole & brown glue	Drywall	N	N/A
Ceiling	11	11G	Unfinished drywall	F/G batts	N	N/A
Ceiling	25	25E	Fiberglass batts paper jacketing	Diagonal sheathing	N	N/A
Unit						
Ventilator	28		Fiberglass pipe insulation w/paper jacket		N	N/A

RED=contains asbestos  
 BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

<b>Building:</b>	Building E - CRs 11-15	<b>Room Name:</b>	Classroom 15	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32    W=30    H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	45		Carpet & glue - black with white specks	Black mastic	N	N/A
	NOTE		Covers about 10% of floor at entrances			
Floor	44		Carpet squares & glue - blue w/ multi colored pattern	Black mastic	N	N/A
	NOTE		Covers about 90% of room			
Floor	21		Black mastic	Concrete	N	N/A
	NOTE		Previously sampled in 2018 22YES-18 #s: 01A-04A			
BB	19		Baseboard & glue 4" black		N	N/A
Walls	-		Plywood		N/A	N/A
Walls	-		Tackboards appeared to be attached with screws		N/A	N/A
Sinks	-		Stainless steel sink - no coating		N/A	N/A
Ceiling	22		False ceiling panel - 2'x4' gouge pinhole	F/G batts	N	N/A
Ceiling	26		Fiberglass batts foil/paper jacketing		N	N/A
Ceiling	10		Acoustic ceiling tile 12" random hole & brown glue	Drywall	N	N/A
Ceiling	11		Unfinished drywall	F/G batts	N	N/A
Ceiling	25		Fiberglass batts paper jacketing	Diagonal sheathing	N	N/A
<b>Unit</b>						
Ventilator	28	28E	Fiberglass pipe insulation w/paper jacket		N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect

<b>Building:</b> Building E - CRs 11-15	<b>Room Name:</b> Exterior
Roof Footprint: L=194 W=45	<b>Building Footprint:</b> L=186 W=30 H=12

Component	HMR #	Sample #	Material Description	Substrate	Asbestos Y/N	Friable Y/N
Ground	-		Concrete - bare & exposed		N/A	N/A
Walls	1	01J-K	Exterior stucco - painted & vapor barrier		N	N/A
Soffit	1	01I	Exterior stucco - painted		N	N/A
Windows	2	02E-F	Exterior window putty - painted - 2% CH		Y	Y
Roof	3	03F	White foam over shingles & felts		N	N/A
Roof	4	04C	Mastics - black/grey (foamed over) 8-10% CH		Y	N
	NOTE		On components such as, but not limited to, roof jacks, roof patches, pipes, HVAC platforms, etc.			

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

**Client:** Bakersfield City School District

**YES Project No.:** 22YES-109

**Site:** Fremont ES

**Date of Inspection:** 12/13/2022

## Inspection Report

<b>Building:</b> Building F - CRs 16-18 east of CR 16	<b>Room Name:</b> NE Ball Storage Rm	<b>Rm Ft<sup>2</sup>:</b> 90
<b>Room Dimensions:</b> L=15 W=6 H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	-		Concrete - bare & exposed		N/A	N/A
BB	-		Wood	Plaster	N/A	N/A
Wall	14		Plaster - smooth		N	N/A
Ceiling	14		Plaster - smooth		N	N/A

<b>Building:</b> Building F - CRs 16-18 east of CR 16	<b>Room Name:</b> SE Ball Storage Rm	<b>Rm Ft<sup>2</sup>:</b> 90
<b>Room Dimensions:</b> L=15 W=6 H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	-		Concrete - bare & exposed		N/A	N/A
BB	-		Wood	Plaster	N/A	N/A
Wall	14		Plaster - smooth		N	N/A
Ceiling	14		Plaster - smooth		N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

<b>Building:</b>	Building F - CRs 16-18	<b>Room Name:</b>	Classroom 16	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	45	45C	Carpet & glue - black with white specks NOTE Covers about 10% of floor at entrances	Black mastic	N	N/A
Floor	44		Carpet squares & glue - blue w/ multi colored pattern NOTE Covers about 90% of room	Black mastic	N	N/A
Floor	21		Black mastic NOTE Previously sampled in 2018 22YES-18 #s: 01A-04A	Concrete	N	N/A
BB	19		Baseboard & glue 4" black		N	N/A
Walls	-		Plywood		N/A	N/A
Walls	-		Tackboard - appear to be attached w/screws		N/A	N/A
Sink	-		Porcelain		N/A	N/A
Ceiling	22		False ceiling panel - 2'x4' gouge pinhole	F/G batts	N	N/A
Ceiling	26		Fiberglass batts foil/paper jacketing	ACTs	N	N/A
Ceiling	10	10G	Acoustic ceiling tile 12" random hole & brown glue	Drywall	N	N/A
Ceiling	11	11H	Unfinished drywall	F/G batts	N	N/A
Ceiling	25	25F	Fiberglass batts paper jacketing	Diagonal sheathing	N	N/A
Unit						
Ventilator	28		Fiberglass pipe insulation w/paper jacket		N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

<b>Building:</b>	Building F - CRs 16-18	<b>Room Name:</b>	Classroom 17	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
<b>Floor</b>	45		Carpet & glue - black with white specks	Black mastic	N	N/A
	NOTE		Covers about 10% of floor at entrances			
<b>Floor</b>	44	44C	Carpet squares & glue - blue w/ multi colored pattern	Black mastic	N	N/A
	NOTE		Covers about 90% of room			
<b>Floor</b>	21		Black mastic	Concrete	N	N/A
	NOTE		Previously sampled in 2018 22YES-18 #s: 01A-04A			
<b>BB</b>	19	19F	Baseboard & glue 4" black		N	N/A
<b>Walls</b>	-		Plywood		N/A	N/A
<b>Walls</b>	-		Tackboard - appear to be attached w/screws		N/A	N/A
<b>Sink</b>	-		Porcelain		N/A	N/A
<b>Ceiling</b>	22		False ceiling panel - 2'x4' gouge pinhole	F/G batts	N	N/A
<b>Ceiling</b>	26		Fiberglass batts foil/paper jacketing	ACTs	N	N/A
<b>Ceiling</b>	10		Acoustic ceiling tile 12" random hole & brown glue	Drywall	N	N/A
<b>Ceiling</b>	11		Unfinished drywall	F/G batts	N	N/A
<b>Ceiling</b>	25		Fiberglass batts paper jacketing	Diagonal sheathing	N	N/A
<b>Unit</b>						
<b>Ventilator</b>	28	28F	Fiberglass pipe insulation w/paper jacket		N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

<b>Building:</b>	Building F - CRs 16-18	<b>Room Name:</b>	Classroom 18	<b>Rm Ft<sup>2</sup>:</b>	960
		<b>Room Dimensions:</b>	L=32 W=30 H=+/- 12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
<b>Floor</b>	45		Carpet & glue - black with white specks	Black mastic	N	N/A
	NOTE		Covers about 10% of floor at entrances			
<b>Floor</b>	44		Carpet squares & glue - blue w/ multi colored pattern	Black mastic	N	N/A
	NOTE		Covers about 90% of room			
<b>Floor</b>	21		Black mastic	Concrete	N	N/A
	NOTE		Previously sampled in 2018 22YES-18 #s: 01A-04A			
<b>BB</b>	19		Baseboard & glue 4" black		N	N/A
<b>Walls</b>	-		Plywood		N/A	N/A
<b>Walls</b>	-		Tackboard - appear to be attached w/screws		N/A	N/A
<b>Sink</b>	-		Porcelain		N/A	N/A
<b>Ceiling</b>	22	22F	False ceiling panel - 2'x4' gouge pinhole	F/G batts	N	N/A
<b>Ceiling</b>	26	26F	Fiberglass batts foil/paper jacketing	ACTs	N	N/A
<b>Ceiling</b>	10	10H	Acoustic ceiling tile 12" random hole & brown glue	Drywall	N	N/A
<b>Ceiling</b>	11	11I	Unfinished drywall	F/G batts	N	N/A
<b>Ceiling</b>	25	25G	Fiberglass batts paper jacketing	Diagonal sheathing	N	N/A
<b>Unit</b>						
<b>Ventilator</b>	28		Fiberglass pipe insulation w/paper jacket		N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



<b>Building:</b> Building F - CRs 16-18	<b>Room Name:</b> Exterior
Roof Footprint: L=118 W=45	<b>Building Footprint:</b> L=110 W=30 H=12

Component	HMR #	Sample #	Material Description	Substrate	Asbestos Y/N	Friable Y/N
Ground	-		Concrete - bare & exposed		N/A	N/A
Walls	1	01M-N	Exterior stucco - painted & vapor barrier		N	N/A
Soffit	1	01L	Exterior stucco - painted		N	N/A
Windows	2	02G-H	Exterior window putty - painted - 2% CH		Y	Y
Roof	3	03G-H	White foam over shingles & felts		N	N/A
Roof	4	04D	Mastics - black/grey (foamed over) 8-10% CH		Y	N
	NOTE		On components such as, but not limited to, roof jacks, roof patches, pipes, HVAC platforms, etc.			

RED=contains asbestos  
 BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

**Client:** Bakersfield City School District

**YES Project No.:** 22YES-109

**Site:** Fremont ES

**Date of Inspection:** 12/13/2022

## Inspection Report

<b>Building:</b> Building G (46-54 & 70)	<b>Room Name:</b> Representative of interiors throughout these rooms.
--	---

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Walls	59	59A	Unfinished drywall (no t&j)		N	N/A
	NOTE		Tackboards glued to drywall in all rooms is below ceiling. No glue above.			
Ceiling	60	60A	Lay-in panels 2'x4' XL Fissure PH		N	N/A
Ceiling	61	61A	Lay-in panels 2'x4' Gouge PH		N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

Client: Bakersfield City School District

YES Project No.: 22YES-109

Site: Fremont ES

Date of Inspection: 12/13/2022

## Inspection Report

<b>Building:</b> Portable Building R1 (Pre-K)	<b>Room Name:</b> Representative of interiors throughout these rooms.
---	---

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Walls	55	55A	Unfinished drywall with tackboard glue		N	N/A
Ceiling	56	56A	Lay-in panels 2'x4' Fissure PH		N	N/A

Inspection limited to ceilings in this building for fire alarm work in accordance with BCSD plans.

<b>Building:</b> Portable Building R1 (Pre-K)	<b>Room Name:</b> Representative of exteriors throughout these rooms.
---	---

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Walls	-		Wood		N/A	N/A

Exterior inspection was limited to the upper walls in accordance with BCSD plans for fire alarm system upgrade.

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

Client: Bakersfield City School District

YES Project No.: 22YES-109

Site: Fremont ES

Date of Inspection: 12/13/2022

## Inspection Report

<b>Building:</b> Portable Buildings R2-R9 (CRs 21-28)	<b>Room Name:</b> Representative of interiors throughout these rooms.
---	---

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Walls	-		Wood		N/A	N/A
Ceiling	54	54A	Acoustic ceiling tile - 12" uniform holes		N	N/A

Inspection limited to ceilings in this building for fire alarm work in accordance with BCSD plans.

<b>Building:</b> Portable Buildings R2-R9 (CRs 21-28)	<b>Room Name:</b> Representative of exteriors throughout these rooms.
---	---

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Walls	-		Wood		N/A	N/A

Exterior inspection was limited to the upper walls in accordance with BCSD plans for fire alarm system upgrade.

RED=contains asbestos  
BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

Client: Bakersfield City School District

YES Project No.: 22YES-109

Site: Fremont ES

Date of Inspection: 12/13/2022

## Inspection Report

<b>Building:</b> Portable Buildings R10-15 (CRs 29-34)	<b>Room Name:</b> Representative of interiors throughout these rooms.
--	---

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Walls	52	52A	Unfinished drywall with tackboard glue		N	N/A
Ceiling	53	53A	Lay-in panels 2'x4' Gouge PH		N	N/A

Inspection limited to ceilings in this building for fire alarm work in accordance with BCSD plans.

<b>Building:</b> Portable Buildings R10-15 (CRs 29-34)	<b>Room Name:</b> Representative of exteriors throughout these rooms.
--	---

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Walls	-		Wood		N/A	N/A

Exterior inspection was limited to the upper walls in accordance with BCSD plans for fire alarm system upgrade.

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

Client: Bakersfield City School District

YES Project No.: 22YES-109

Site: Fremont ES

Date of Inspection: 12/13/2022

## Inspection Report

<b>Building:</b>	Building R16 & R17	<b>Room Name:</b>	Classroom 19	<b>Rm Ft<sup>2</sup>:</b>	1024
		<b>Room Dimensions:</b>	L=32 W=32 H=12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	45		Carpet & glue - black with white specks	Wood	N	N/A
	NOTE		Covers about 10% of floor at entrances			
Floor	44		Carpet squares & glue - blue w/ multi colored pattern	Wood	N	N/A
	NOTE		Covers about 90% of room			
NOTE			Floor substrate was drilled and no concealed flooring was found.			
BB	19		Baseboard & glue 4" black		N	N/A
Walls	-		Plywood		N/A	N/A
Walls	-		Tackboard - appear to be attached w/screws		N/A	N/A
Sink	-		Porcelain		N/A	N/A
Ceiling	46		Acoustic ceiling tile 12" random hole	Wood slat & F/G	N	N/A
Ceiling	47		Fiberglass insulation with black paper backing	Diagonal sheathing	N	N/A
Ceiling	25		Fiberglass batts paper jacketing	Diagonal sheathing	N	N/A
Unit						
Ventilator	28		Fiberglass pipe insulation w/paper jacket		N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

<b>Building:</b>	Building R16 & R17	<b>Room Name:</b>	Classroom 20	<b>Rm Ft<sup>2</sup>:</b>	1024
		<b>Room Dimensions:</b>	L=32 W=32 H=12		

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Floor	45		Carpet & glue - black with white specks	ACM mastic	N	N/A
	NOTE		2% CH Asbestos-containing mastic left from 2020 abatement.			
Floor	44		Carpet squares & glue - blue w/ multi colored pattern	ACM Mastic	N	N/A
	NOTE		2% CH Asbestos-containing mastic left from 2020 abatement.			
Floor	66		Black flooring mastic - 2% CH	Wood	Y	N
BB	19		Baseboard & glue 4" black		N	N/A
Walls	-		Plywood		N/A	N/A
Walls	-		Tackboard - appear to be attached w/screws		N/A	N/A
Sink	-		Porcelain		N/A	N/A
Ceiling	46	46A	Acoustic ceiling tile 12" random hole	Wood slat & F/G	N	N/A
Ceiling	47	47A	Fiberglass insulation with black paper backing	Diagonal sheathing	N	N/A
<b>Unit</b>						
Ventilator	28		Fiberglass pipe insulation w/paper jacket		N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect

<b>Building:</b>	Portable Building R16 & 17 - CRs 19-20	<b>Room Name:</b>	Exterior
------------------	--	-------------------	----------

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	Friable
					Y/N	Y/N
Ground	-		Concrete - bare & exposed		N/A	N/A
Walls	5	05A-B	Exterior paints - lt grey/blue & dk grey		N	N/A
Eaves	5		Exterior paints - lt grey/blue & dk grey		N	N/A
Windows	6	06A-B	Exterior window putty - painted		N	N/A
Roof	23	23A-B	White coating on foam roofing on shingled roofing & felts		N	N/A
Roof	24	24A-B	Mastics - black/grey (foamed over) 10% CH		Y	N
	NOTE		On components such as, but not limited to, roof jacks, roof patches, pipes, HVAC platforms, etc.			

RED=contains asbestos

BLACK=no asbestos detected or non-suspect





# YES Environmental, Inc.

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

**Client:** Bakersfield City School District

**YES Project No.:** 22YES-109

**Site:** Fremont ES

**Date of Inspection:** 12/13/2022

## Inspection Report

<b>Building:</b> Building R18 (IMC)	<b>Room Name:</b> Representative of interiors throughout these rooms.
-------------------------------------	---

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Walls	62	62A	Drywall, tape, joint compound, orange-peel texture & paint		N	N/A
Ceiling	63	63A	Lay-in panels 2'x4' Fissure PH		N	N/A

**Inspection limited to ceilings in this building for fire alarm work in accordance with BCSD plans.**

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

Client: Bakersfield City School District

YES Project No.: 22YES-109

Site: Fremont ES

Date of Inspection: 12/13/2022

## Inspection Report

<b>Building:</b> Portable Buildings R19-R22 (CRs 40-43)	<b>Room Name:</b> Representative of interiors throughout these rooms.
---	---

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Walls	64	64A	Unfinished drywall with tackboard glue		N	N/A
Ceiling	65	65A	Lay-in panels 2'x4' Fiberglass Orange-Peel Pattern		N	N/A

Inspection limited to ceilings in this building for fire alarm work in accordance with BCSD plans.

<b>Building:</b> Portable Buildings R19-R22 (CRs 40-43)	<b>Room Name:</b> Representative of exteriors throughout these rooms.
---	---

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Walls	-		Wood		N/A	N/A

Exterior inspection was limited to the upper walls in accordance with BCSD plans for fire alarm system upgrade.

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

Client: Bakersfield City School District

YES Project No.: 22YES-109

Site: Fremont ES

Date of Inspection: 12/13/2022

## Inspection Report

<b>Building:</b> Portable Building R23 (parent center)	<b>Room Name:</b> Representative of interiors throughout these rooms.
--	---

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Walls	57	57A	Unfinished drywall with tackboard glue		N	N/A
Ceiling	58	58A	Lay-in panels 2'x4' Fissure PH		N	N/A

Inspection limited to ceilings in this building for fire alarm work in accordance with BCSD plans.

<b>Building:</b> Portable Building R23 (parent center)	<b>Room Name:</b> Representative of exteriors throughout these rooms.
--	---

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Walls	-		Wood		N/A	N/A

Exterior inspection was limited to the upper walls in accordance with BCSD plans for fire alarm system upgrade.

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

Client: Bakersfield City School District

YES Project No.: 22YES-109

Site: Fremont ES

Date of Inspection: 12/13/2022

## Inspection Report

<b>Building:</b> Portable Buildings R24-R26 (CRs 35-37)	<b>Room Name:</b> Representative of interiors throughout these rooms.
---	---

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Walls	48	48A	Unfinished drywall with tackboard glue		No	N/A
Ceiling	49	49A	Lay-in panels 2'x4' Fissure PH		No	N/A

Inspection limited to ceilings in this building for fire alarm work in accordance with BCSD plans.

<b>Building:</b> Portable Buildings R24-R26 (CRs 35-37)	<b>Room Name:</b> Representative of exteriors throughout these rooms.
---	---

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Walls	-		Wood		N/A	N/A

Exterior inspection was limited to the upper walls in accordance with BCSD plans for fire alarm system upgrade.

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



# YES Environmental, Inc.

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

**Client:** Bakersfield City School District

**YES Project No.:** 22YES-109

**Site:** Fremont ES

**Date of Inspection:** 12/13/2022

## Inspection Report

<b>Building:</b> Portable Building R27 (CR 38)	<b>Room Name:</b> Representative of interiors throughout these rooms.
--	---

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Walls	50	50A	Unfinished drywall with tackboard glue		N	N/A
Ceiling	51	51A	Lay-in panels 2'x4' Fissure PH		N	N/A

**Inspection limited to ceilings in this building for fire alarm work in accordance with BCSD plans.**

<b>Building:</b> Portable Building R27 (CR 38)	<b>Room Name:</b> Representative of exteriors throughout these rooms.
--	---

Component	HMR #	Sample #	Material Description	Substrate	Asbestos	
					Y/N	Friable Y/N
Walls	-		Wood		N/A	N/A

**Exterior inspection was limited to the upper walls in accordance with BCSD plans for fire alarm system upgrade.**

RED=contains asbestos

BLACK=no asbestos detected or non-suspect

<b>Building:</b> Chiller Yard	<b>Room Name:</b> Chiller Yard
-------------------------------	--------------------------------

<b>Component</b>	<b>HMR #</b>	<b>Sample #</b>	<b>Material Description</b>	<b>Substrate</b>	<b>Asbestos Y/N</b>	<b>Friable Y/N</b>
<b>Ground</b>	-		Concrete pads		N/A	N/A
<b>Ground</b>	-		Gravel		N/A	N/A
<b>Walls</b>	-		CMU		N/A	N/A
<b>Pipes</b>	39 NOTE	39A-B	Concealed chalkly pipe insulation - cream metal jacketed throughout		N	N/A
<b>Pipes</b>	40 NOTE	40A-B	Fiberglass pipe straight insulation - foil/paper jacketed metal jacketed throughout		N	N/A
<b>Control</b>						
<b>Switch</b>	41	41A	Black mastic		N	N/A
<b>Pipes</b>	42	42A	Exterior silver paint		N	N/A
<b>Wood Walls</b>	43	43A	Exterior white paint		N	N/A

RED=contains asbestos

BLACK=no asbestos detected or non-suspect



**BAKERSFIELD CITY SCHOOL DISTRICT  
FREMONT ELEMENTARY SCHOOL DISTRICT  
CAMPUS HVAC SYSTEM UPGRADES**

**AP ARCHITECTS  
SPECIFICATION REVISIONS**

## BCSD – CAMPUS HVAC SYSTEM UPGRADE

Name	Compound Tile
Style Number	2B67
Collection	Teamwork “Sea Breeze”
Brand	Aladdin Commercial
Product Type	Carpet Tile
SPECIFICATIONS	
Minimum Sq. Yd.	No minimum
Construction	Tufted
Surface Texture	Textured Loop
Gauge	1/12 (47.00 rows per 10 cm)
Density	6059
Weight Density	103, 003
Sustainable Content	Contains a minimum 39% pre-consumer recycled content by total weight
Stitches Per Inch	11.5 (42.52 per 10 cm)
Finished Pile Thickness	.101" (2.57 mm)
Dye Method	Solution Dyed / Yarn Dyed
Backing Material	Ultrasat
Face Yarn	Colorstrand® Nylon
Tufted Weight	17oz per sq yd (576 g/m <sup>2</sup> )
Pattern Repeat	Not Applicable
Size/Width	24" x 24" (.6096 m x .6096 m)
Protective Treatment	Mohawk Protection Plus Stain
Installation Method	Quarter Turn, Monolithic, Asher and Multidirectional
IAQ Green Label Plus	<a href="#">Green Label Plus 1098</a>
PERFORMANCE	
Static	AATCC-134 Under 3.5 KV
Flammability	ASTM E 648 Class 1 (Glue Down)
Smoke Density	ASTM E 662 Less than 450

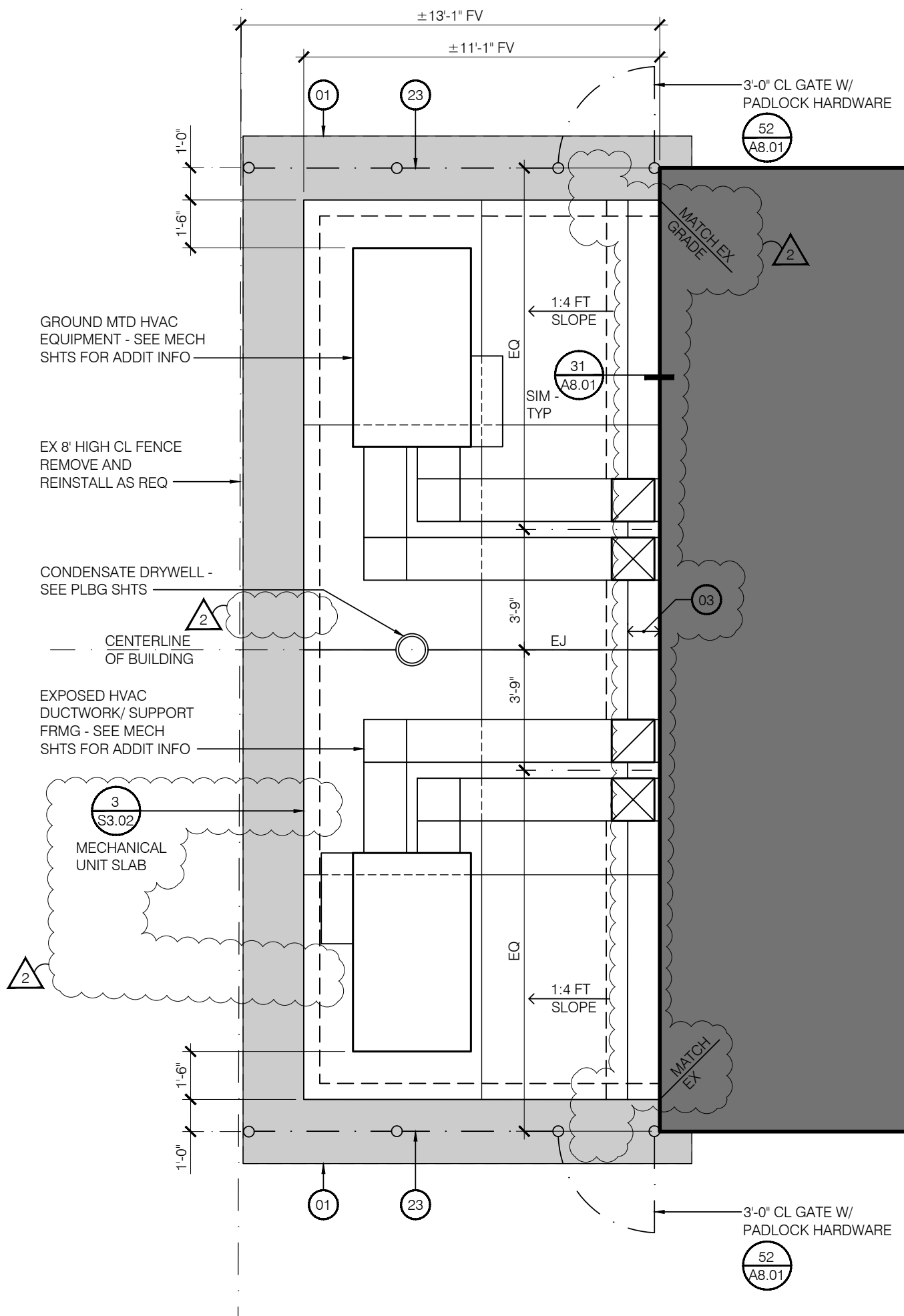
END OF SECTION 096813





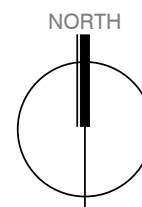
**BAKERSFIELD CITY SCHOOL DISTRICT  
FREMONT ELEMENTARY SCHOOL DISTRICT  
CAMPUS HVAC SYSTEM UPGRADES**

**AP ARCHITECTS  
DRAWING REVISIONS**



### C. Partial Site Plan

Scale: 1/4" = 1'-0"



## CAMPUS HVAC SYSTEM UPGRADE

Fremont Magnet  
Elementary School

3000 College Heights Blvd. Ridgecrest, CA. 93555  
Kern Community College District

#### PROJECT INFO

Project No	566-0018
Drawn By	
Checked By	
Date	02.01.24

#### NOTES

No	Date	Item
△	02.01.24	ADD-002

PARTIAL SITE PLANS

ADD-002.01

02.08.24 11:49

**CAMPUS HVAC SYSTEM UPGRADE**

Freemont Magnet  
Elementary School  
607 Texas St. Bakersfield, CA. 93307  
Bakersfield City School District

02.08.24 11:51

**PROJECT INFO**

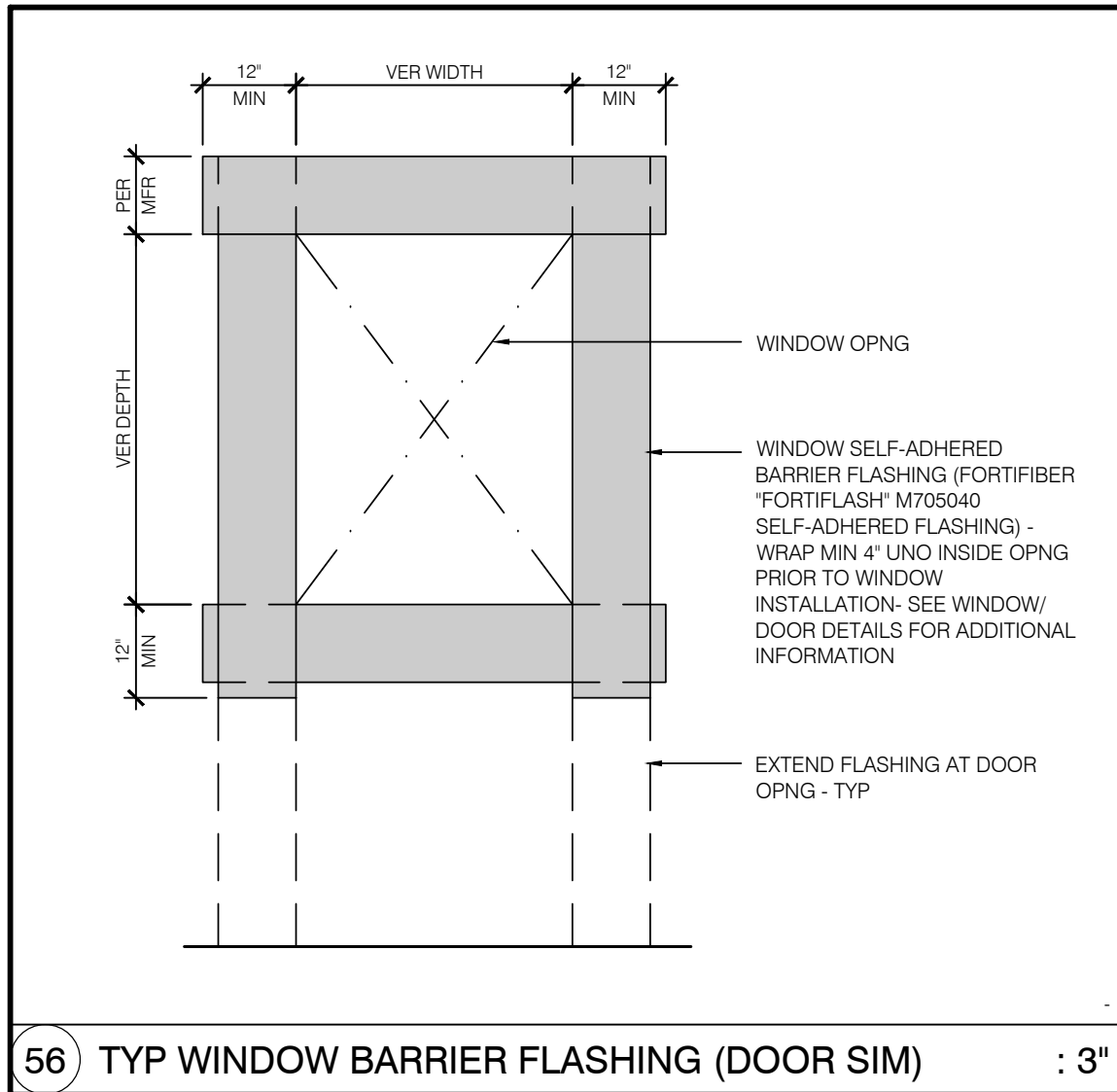
Project No	566-0018
Drawn By	
Checked By	
Date	02.01.24

**NOTES**

No	Date	Item
△	02.01.24	ADD-002

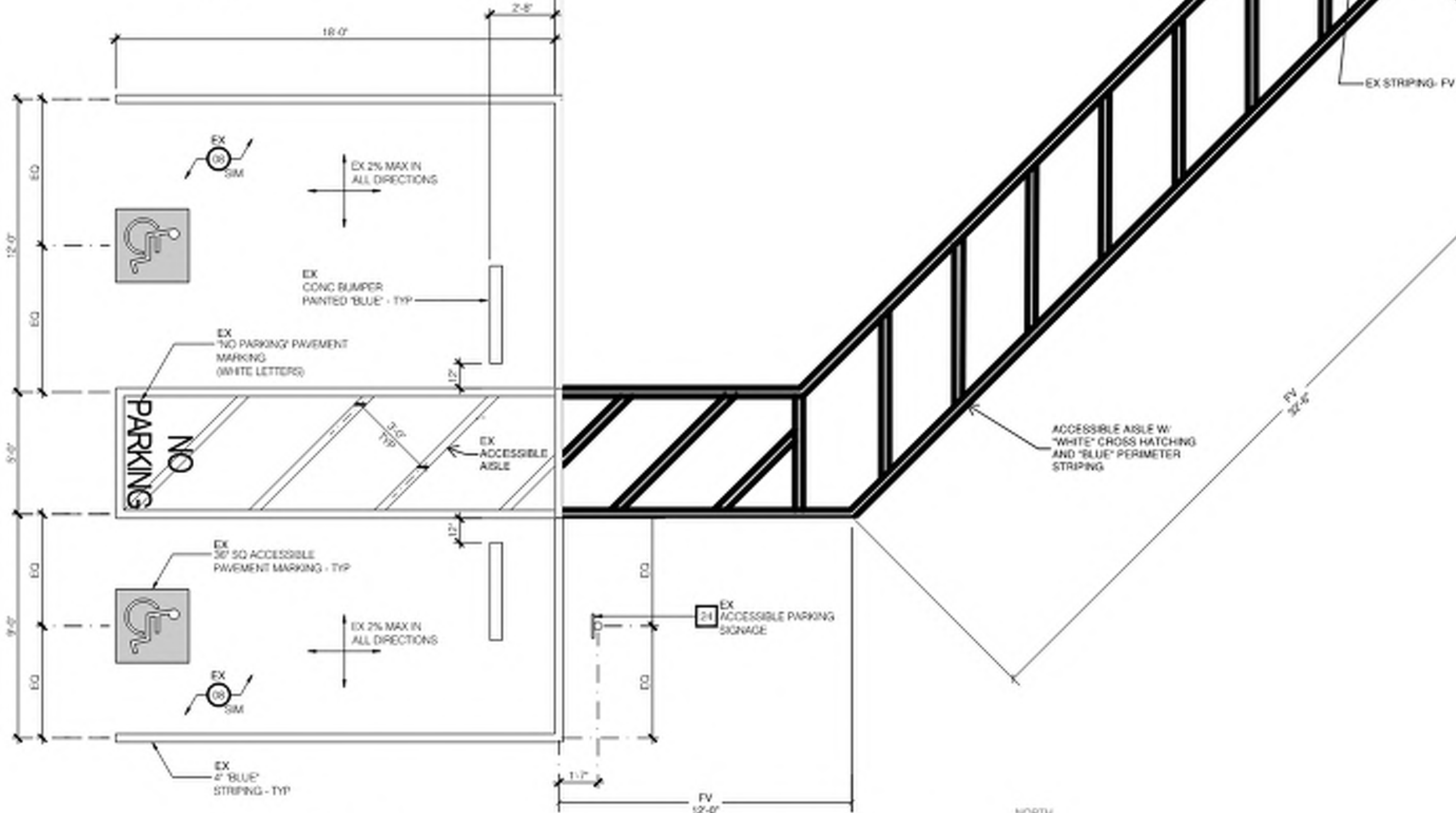
DETAILS

**ADD-002.02**



2

NOTE:  
SEE SHEET A1.00 FOR  
ADD'l STALL STRIPING  
(3 STALLS)



**E. Partial Site Plan**

NOT TO SCALE



**CAMPUS HVAC SYSTEM UPGRADE**

Fremont Magnet  
Elementary School  
607 Texas St., Bakersfield, CA 93307  
Bakersfield City School District

PROJECT INFO

Project No	566-0018
Drawn By	
Checked By	
Date	02.01.24

NOTES

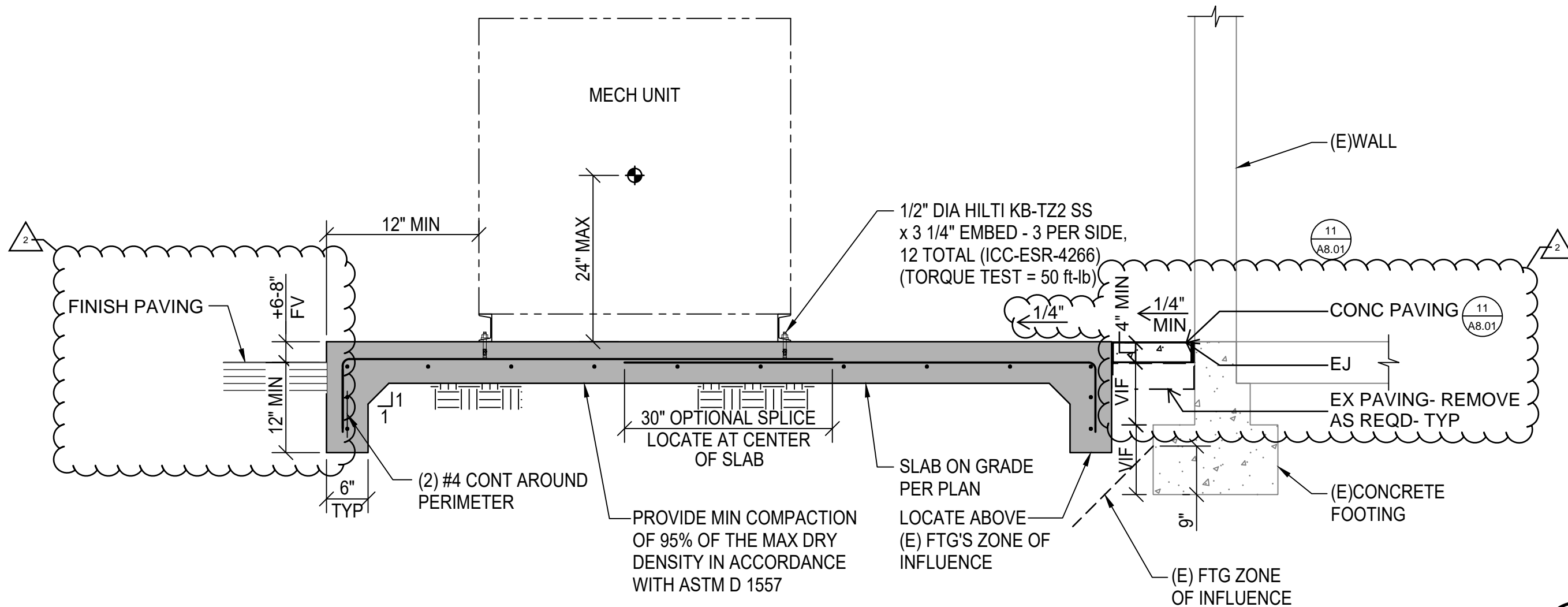
No	Date	Item
Δ	02.01.24	ADD-002

3/S3.02

**ADD-002.03**

CAMPUS HVAC SYSTEM UPGRADE

Freemont Magnet  
Elementary School  
607 Texas St. Bakersfield, CA 93307  
Bakersfield City School District



SECTION AT MECH UNIT SLAB ON GRADE

3

02.07.24 13:52

PROJECT INFO

Project No	566-0018
Drawn By	
Checked By	
Date	02.01.24

NOTES

No	Date	Item
△	02.01.24	ADD-002

3/S3.02

ADD-002.04

PLUMBING LEGEND					
SYMBOL	ABBR.	ITEM	SYMBOL	ABBR.	ITEM
—	ACC.	ACCESSIBLE	— GR.	GRD.	GRADE
—	A.D.	ACCESS DOOR/WALL BOX	— G.W.	G.W.	GREASE WASTE
—	A.F.F.	ABOVE FINISHED FLOOR	— H.B.	H.B.	HOSE BIBB
—	C.D.	CONDENSATE DRAIN	— HV(A-C)	HV(A-C)	AIR CONDITIONING EGPT.
—	C.I.	CAST IRON	— L.	L.	LAVATORY
—	C.L.G.	CEILING	— LOC.	LOC.	LOCATION
—	C.O.	CLEANOUT	— (N)	(N)	NEW
—	COMB.	COMBUSTION	— NOT IN CONTRACT		
—	CONN.	CONNECTION	— P.O.C.	P.O.C.	POINT OF CONNECTION
—	CONT.	CONTINUATION	— PROV.	PROV.	PROVIDE
—	C.O.T.G.	CLEANOUT TO GRADE	— P.R.V.	P.R.V.	PRESSURE REDUCING VALVE
—	(D.C.W.)	(DOMESTIC) COLD WATER	— R.D.	R.D.	ROOF DRAIN
—	D.H.	DEMO HATCH	— R.F.L.	R.F.L.	RAINWATER LEADER
—	(D.H.W.)	(DOMESTIC) HOT WATER	— S.	S.	SINK
—	(D.H.W.R.)	(DOMESTIC) HOT WATER RETURN	— S.M.	S.M.	SOIL AND WASTE
—	DN.	DOWN	— SIM.	SIM.	SIMILAR
—	DRN.	DRAIN	— S.O.V.	S.O.V.	SHUT OFF VALVE
—	(E)	EXISTING	— S.S.	S.S.	STAINLESS STEEL
—	(E)C.W.	EXISTING COLD WATER	— S.S.	S.S.	SERVICE SINK
—	(E)H.W.	EXISTING HOT WATER	— SURF.	SURF.	SURFACE
—	(E)H.W.R.	EXISTING HOT WATER RETURN	— T.F.P.	T.F.P.	TEMPERATURE AND PRESSURE RELIEF
—	(E)C.D.	EXISTING CONDENSATE DRAIN	— T.P.	T.P.	TRAP PRIMER
—	E.D.F.	ELECTRIC DRINKING FOUNTAIN	— (TYP)	(TYP)	TYPICAL
—	E.W.H.	ELECTRIC WATER HEATER	— UR.	UR.	URINAL
—	F.C.O.	FLOOR CLEANOUT	— V.O.	V.O.	VENT OFFSET
—	F.D.	FLOOR DRAIN	— V.T.R.	V.T.R.	VENT THRU ROOF
—	FLR.	FLOOR	— (E)W.	(E)W.	EXISTING WASTE
—	F.S.	FLOOR SINK	— W.	W.	WASTE
—	G.	GAS	— W.C.	W.C.	WATER CLOSET
—	(E) G.	EXISTING GAS	— W.H.	W.H.	WATER HEATER
—	G.D.	GARBAGE DISPOSAL	— W.C.O.	W.C.O.	WALL CLEANOUT

**Plumbing Fixture Schedule:**

**WC-1**  
Floor mounted accessible 16.5" high flush-valve elongated water closet, "American Standard" # 3461.001, 1.28 gallons / flush, "Zurn" # ZER6000AV-HET-CCP battery powered 1.28 CPF sensor flush-valve, heavy duty plastic elongated open-front seat, bolt caps, 3" S.&W., 2" V.O., 1-1/4" C.W. (reduce to 1" @ flush-valve), see plan for trap primer accessory.

**WC-2**  
Floor mounted 14" high flush-valve elongated elementary height water closet, "American Standard" # 2599.001 1.28 gallons / flush, "Zurn" # ZER6000AV-HET-CCP battery powered 1.28 CPF sensor flush-valve, heavy duty plastic elongated open-front seat, bolt caps, 3" S.&W., 2" V.O., 1-1/4" C.W. (reduce to 1" @ flush-valve), see plan for trap primer accessory.

**UR**  
Wall m't'd. accessible urinal, "Kohler" # K-4991-ET-0 Brandon, "Zurn" # ZER6003AV-UF-CP battery powered (pin) sensor flush-valve, wall hanger, (mount hanger per detail on plans) see manufacturers installation instructions for mounting heights, 3/4" C.W., 2" W., 2" W.C.O., 1-1/2" V.O. (see detail A/P1.03)

**L**  
Wall hung vitreous china accessible lavatory, "Kohler" # K-2867 (20" x 18") Hudson, offset grid drain, "Chicago" #3400-ABCP metering faucet (0.5 GPM), (2) threaded angle wall stops with braided S.S. supplies, 17 ga. C.P. trap/orisist tailpiece, 1/2" C.W., 2" W., 2" W.C.O., 1-1/2" V., provide "Zurn" #Z1251 Concealed arm system wall support.

**S**  
Counter mounted stainless steel accessible classroom sink with U-channel type mounting system, "Elkay" #PSDKADQ2517C with "Haws" #5510LF goose-neck faucet and "Haws" #5054LF bubbler, strainer / grid drain, (2) threaded angled wall stops with braided stainless steel supplies, supplies from each stop (one to bubbler and faucet), 17 ga. C.P. trap/tailpiece, 1/2" C.W., 2" W., 2" W.C.O., 1-1/2" V.O.

**DF**  
"Haws" #1119 dual high-flow drinking fountain with bottle filler, 18 GA. type 304 SS construction with "Haws" #6700 backing plate. Refer to the architectural drawings for mounting elevations. 1/2" C.W., 2" W., 2" W.C.O., 2" V.O.

**Equipment Anchorage Notes:**

All Mechanical, Plumbing, and Electrical components shall be anchored and installed per the details on the DSA approved construction documents. The following components shall be anchored or braced to meet the force and displacement requirements prescribed in the 2019 CBC, Sections 1617A.1.10 through 1617A.1.26 and ASCE 7-16 Chapters 13, 26 and 30.

- All permanent equipment and components.
- Temporary, movable or mobile equipment that is permanently attached (E.G. hard wired) to the building utility services such as electricity, gas or water. "Permanently attached" shall include all electrical connections except plugs for 110/220 volt receptacles having a flexible cable.
- Temporary, moveable or mobile equipment which is heavier than 400 pounds or has a center mass located 4 feet or more above the adjacent floor or roof level that directly support the component are required to be restrained in a manner approved by DSA.

The following Mechanical and Electrical components shall be positively attached to the structure, but need not demonstrate design compliance with the references noted above. These components shall have flexible connections provided between the component and associated ductwork, piping and conduit. Flexible connections must allow movement in both transverse and longitudinal directions:

- Components weighing less than 400 pounds and have a center of mass located 4 feet or less above the adjacent floor or roof level that directly support the component.
- Components weighing less than 20 pounds, or in the case of distributed systems, less than 5 pounds per foot, which are suspended from a roof or floor or hung from a wall.

The anchorage of all Mechanical, Electrical and Plumbing components shall be subject to the approval of the design professional in general responsible charge or structural engineer delegated responsibility and acceptance with DSA. The project inspector will verify that all components and equipment have been anchored in accordance with above requirements.

**Piping, Ductwork, and Electrical Distribution System Bracing Note:**

Piping, ductwork, and electrical distribution systems shall be braced to comply with the forces and displacements prescribed in ASCE 7-16 Section 13.3 as defined in ASCE 7-16 Section 13.6.5, 13.6.6, 13.6.7, 13.6.8, and 2019 CBC, Sections 1617A.1.24, 1617A.1.25 and 1617A.1.26.

The method of showing bracing and attachments to the structure for the identified distribution system are as noted below. When bracing and attachments are based on a pre-approved installation guide (e.g., OSHPD OPM for 2013 CBC or later), copies of the bracing system installation guide or manual shall be available on the jobsite prior to the start of and during the hanging and bracing of the distribution systems. The Structural Engineer of Record shall verify the adequacy of the structure to support the hanger and brace loads.

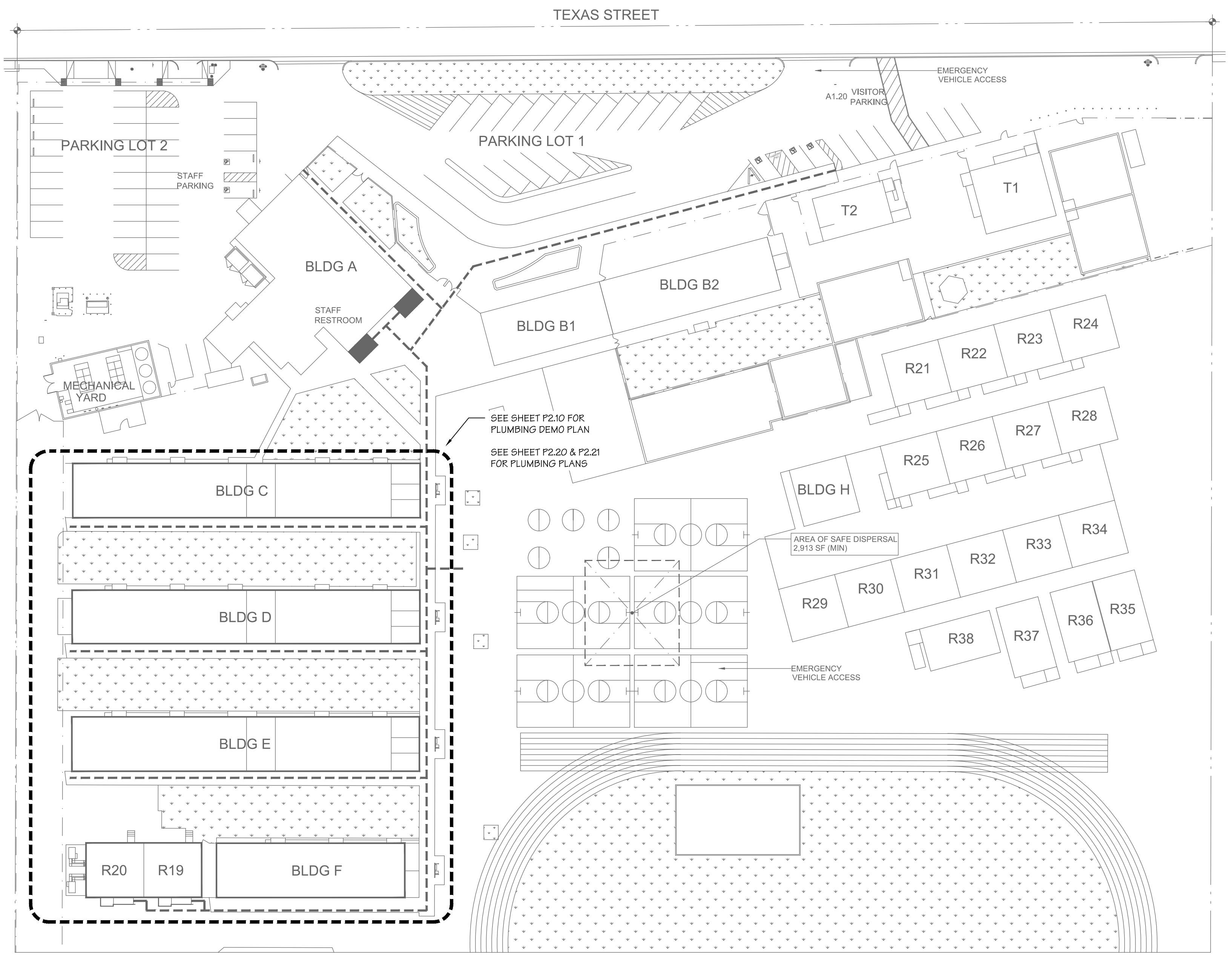
Mechanical Piping (MP), Mechanical Ducts (MD), Plumbing Piping (PP)  
Electrical Distribution Systems (E):

MP  MD  Option 1: Detailed on the approved drawings with project specific notes and details  
PP  E

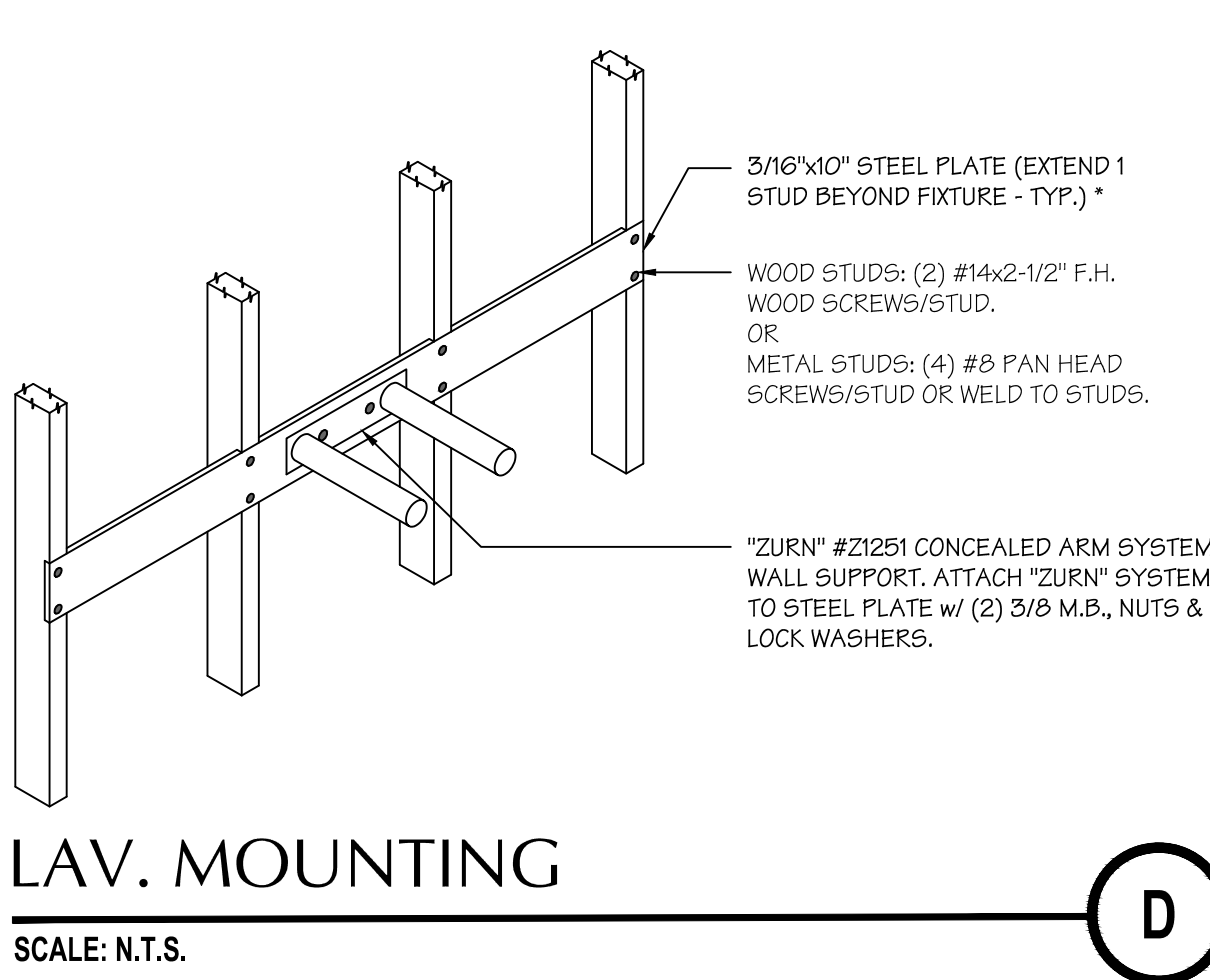
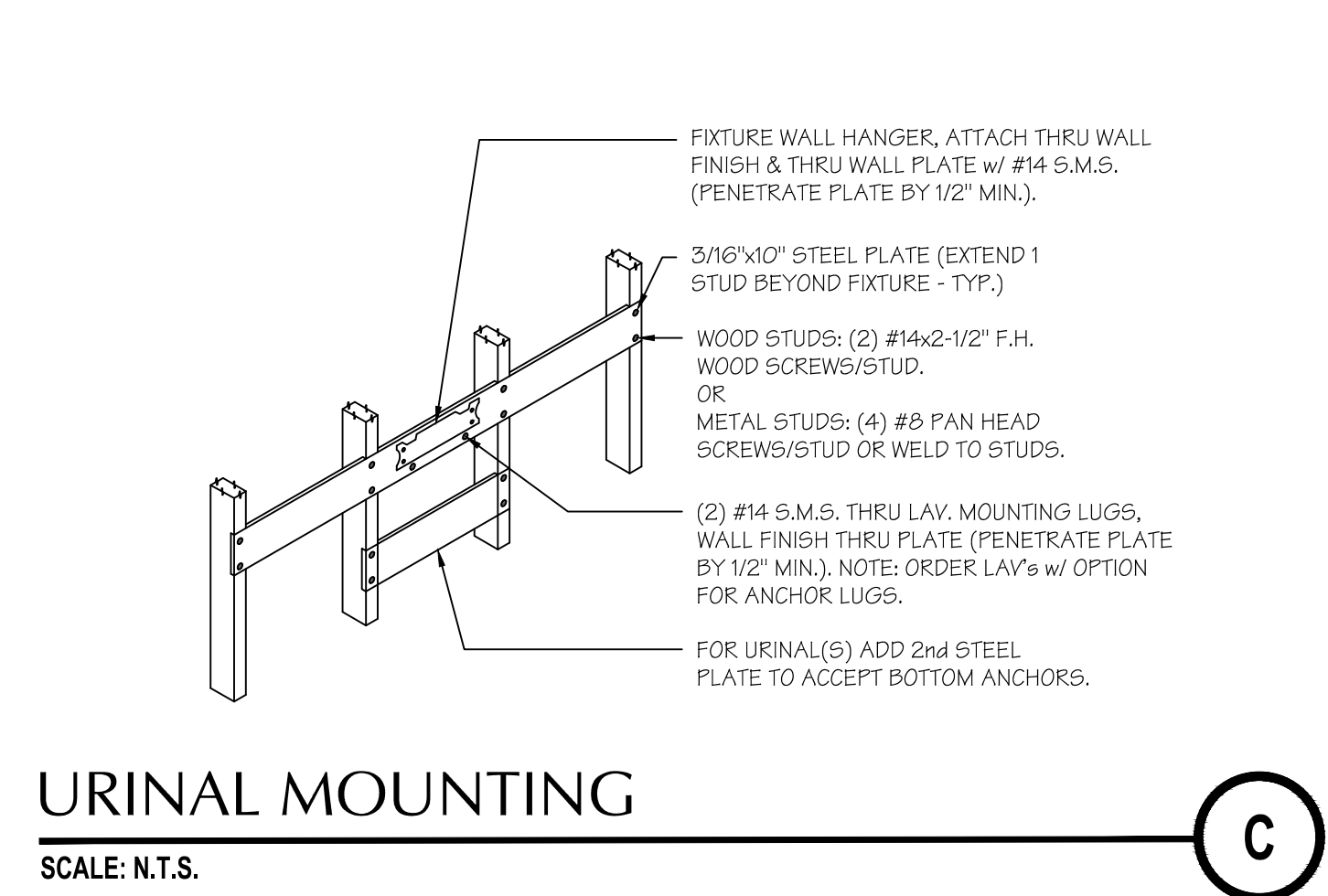
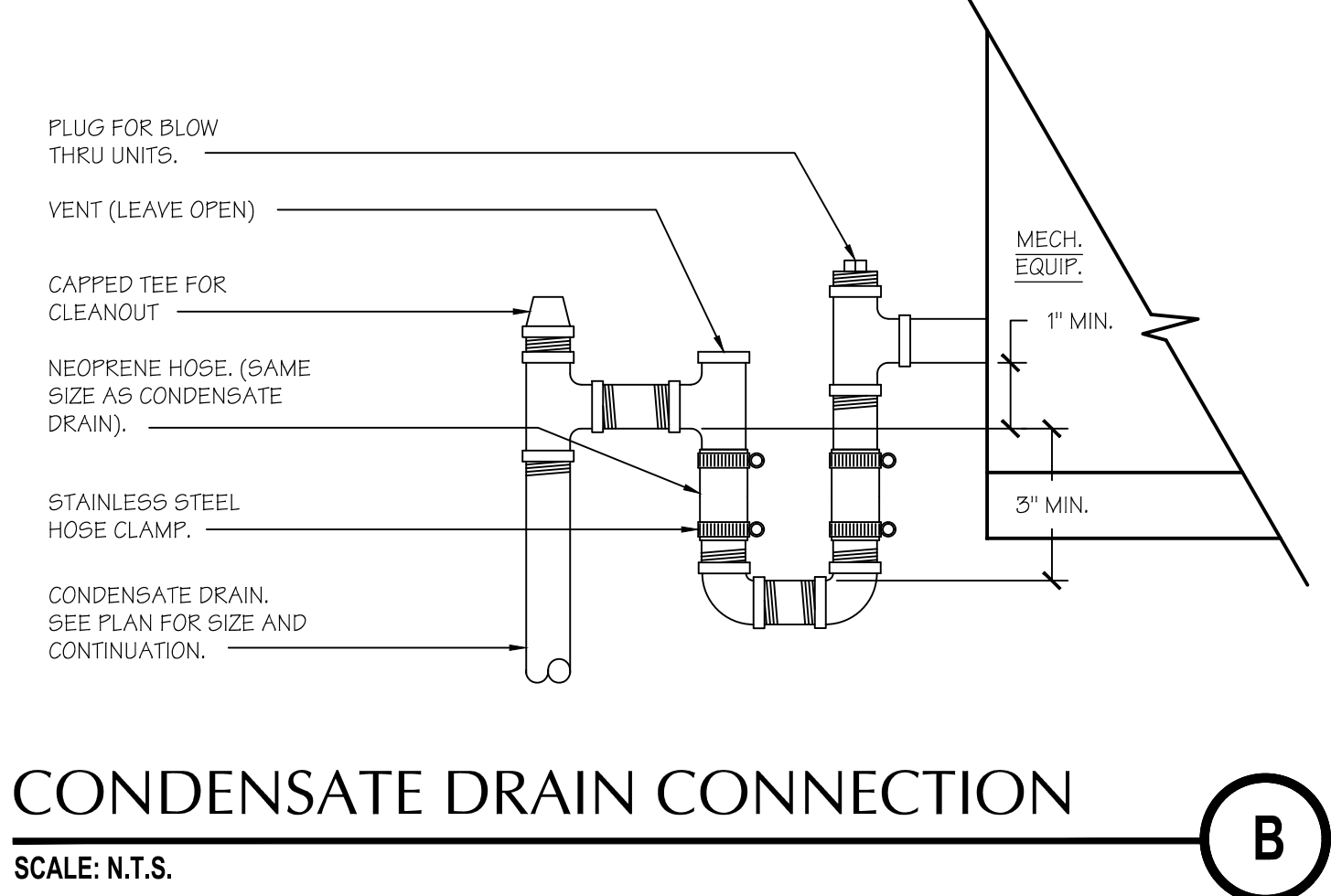
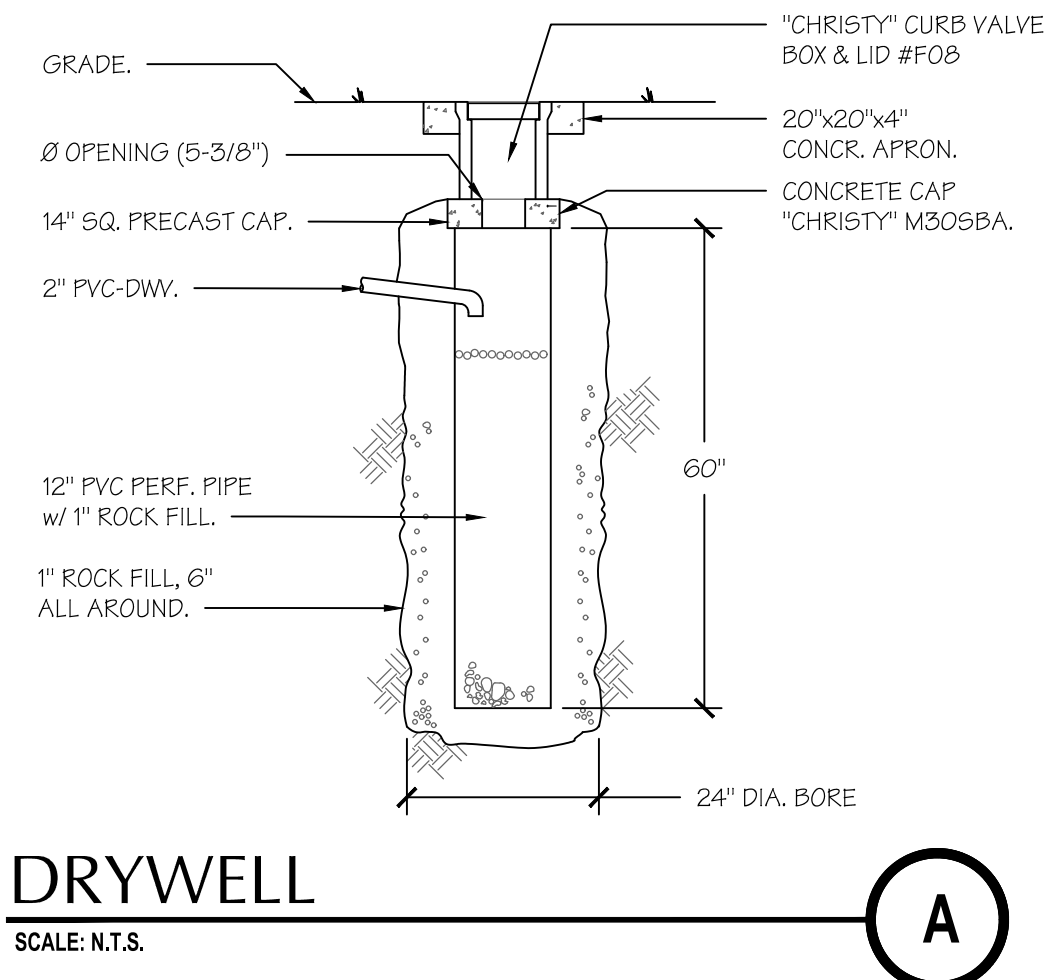
MP  MD  Option 2: Shall comply with the applicable OSHPD Pre-Approval (OPM#)  
PP  E  #160B-line OPM-052.

**Codes:**  
California Code of Regulations (C.C.R.)  
Part 1 - 2022 California Standards Administrative Code, Title 24, C.C.R.  
Part 2 - 2019 California Building Code (C.B.C.), Title 24, C.C.R. Volumes 1-2.  
Part 3 - 2019 California Electrical Code, Title 24, C.C.R.  
Part 4 - 2019 California Mechanical Code (C.M.C.), Title 24, C.C.R.  
Part 5 - 2019 California Plumbing Code (C.P.C.), Title 24, C.C.R.  
Part 6 - 2019 California Energy Code, Title 24, C.C.R.  
Part 9 - 2019 California Fire Code, Title 24, C.C.R.  
Part 11 - 2019 California Green Building Standards Code, Title-24, C.C.R.

**Standards and Guides:**  
ADASAD - Americans with Disabilities Act Standards for Accessible Design.  
Fixtures - Plumbing fixtures to comply with table 5.303.6 of the California Green Building Standards - 2019 Edition.



**PLUMBING SITE PLAN**  
SCALE: 1"=40'-0"



**ap architects**  
3434 Truxtun Avenue, Suite 240  
Bakersfield, California 93301  
Tel: 661.327.1690 Fax: 661.327.7204  
Web: www.aparchitects.net

**CAMPUS HVAC SYSTEM UPGRADE**

**Fremont Magnet Elementary School**  
807 Texas St. Bakersfield, CA 93307  
Bakersfield City School District

**ARCHITECT**

JAMES PATRICK FOGARTY, AIA  
ARCHITECT G-19670

**CONSULTANT**

JAMES PATRICK FOGARTY, AIA  
ARCHITECT G-19670

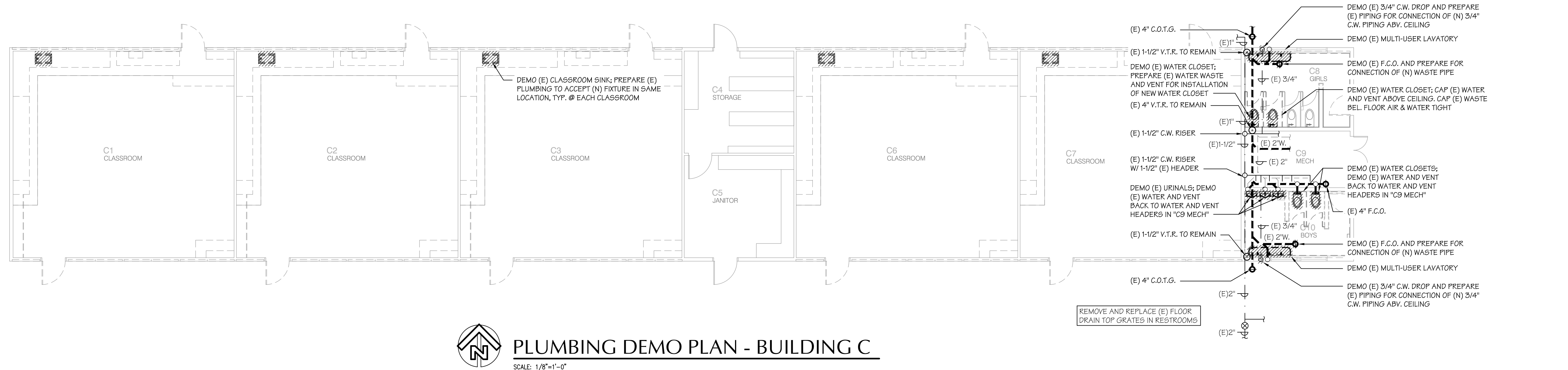
**PROJECT INFO**

Project No.	566-0018
Date	09.14.22
DSA File No.	15-4
DSA No.	05-122940

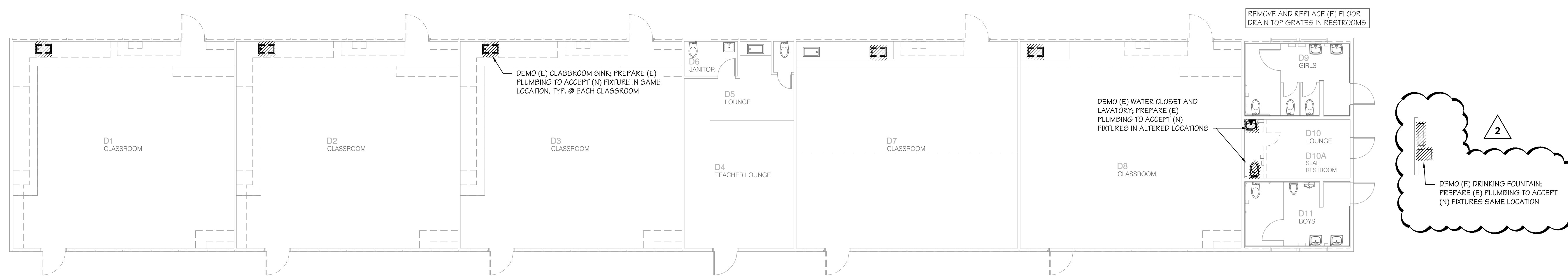
**REVISIONS**

No.	Date	Item
1	02.01.24	ADD-002

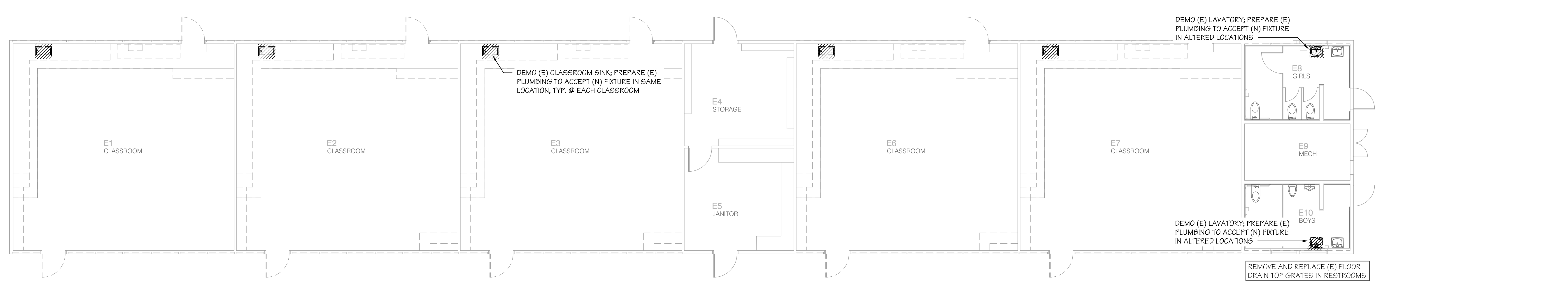
THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF THE ADDINGTON PARTNERSHIP. ALL DESIGNS AND DRAWINGS ARE FOR THE USE ON THE SPECIFIED PROJECT AND SHALL NOT BE USED OTHERWISE WITHOUT THE EXPRESS WRITTEN PERMISSION OF THE ADDINGTON PARTNERSHIP. WRITTEN SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DETAILS SHALL BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION. © COPYRIGHT 02.06.24.14.36



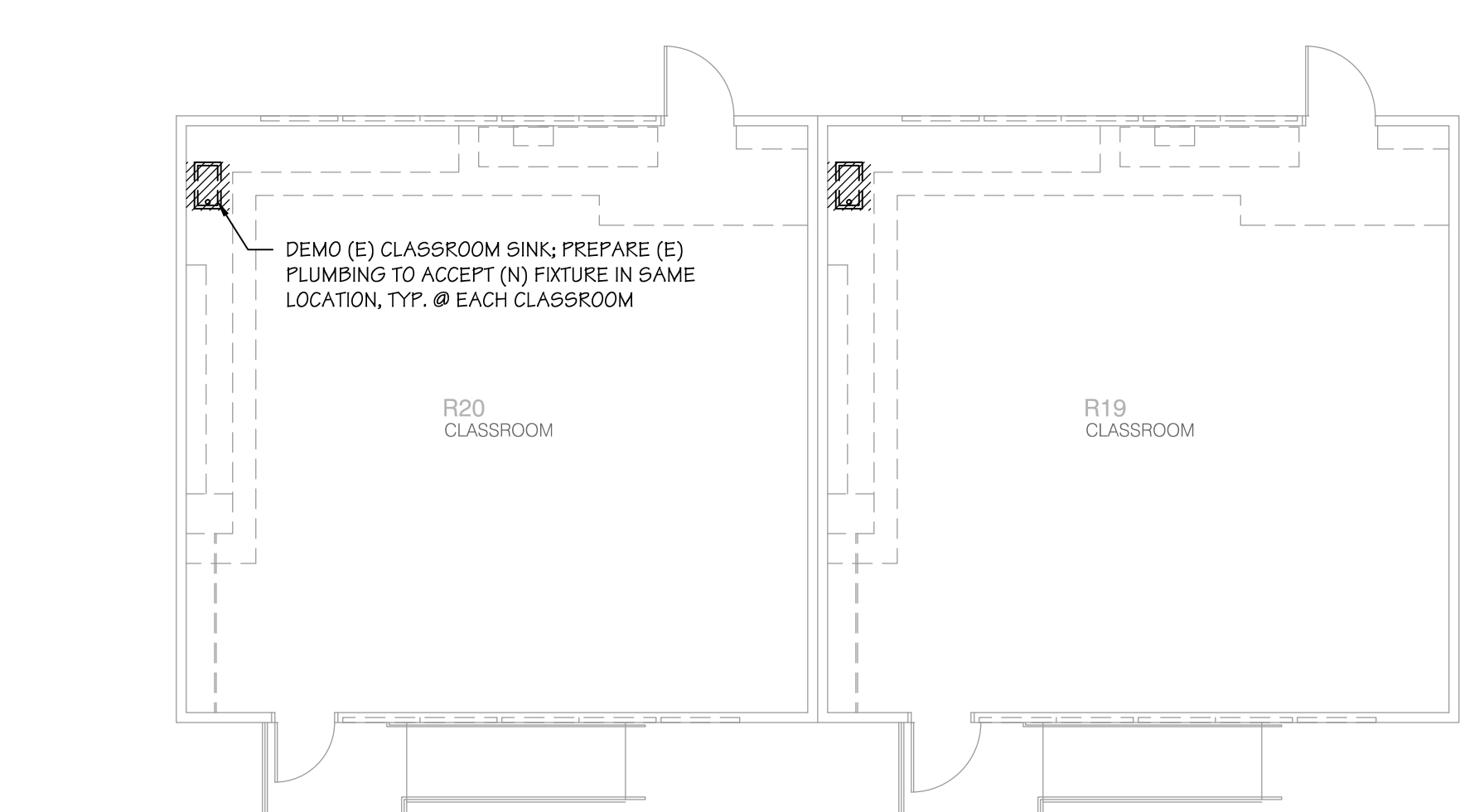
**PLUMBING DEMO PLAN - BUILDING C**  
SCALE: 1/8"=1'-0"



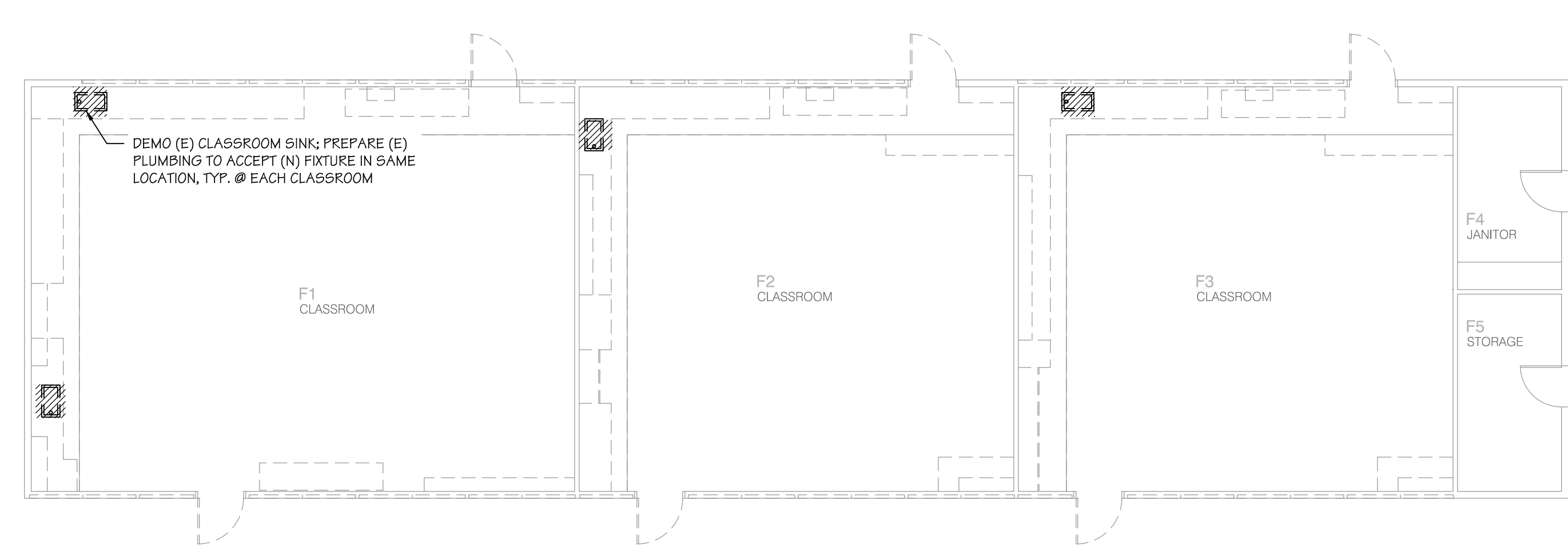
**PLUMBING DEMO PLAN - BUILDING D**  
SCALE: 1/8"=1'-0"



**PLUMBING DEMO PLAN - BUILDING E**  
SCALE: 1/8"=1'-0"



**PLUMBING DEMO PLAN - BUILDING R19/R20**  
SCALE: 1/8"=1'-0"



**PLUMBING DEMO PLAN - BUILDING F**  
SCALE: 1/8"=1'-0"

**CAMPUS HVAC SYSTEM UPGRADE**

**Fremont Magnet Elementary School**  
607 Texas St Bakersfield, CA 93307  
Bakersfield City School District

ARCHITECT

CONSULTANT

**PROJECT INFO**

Project No	566-0018
Date	09.14.22
DSA File No	154
DSA No	03-122840

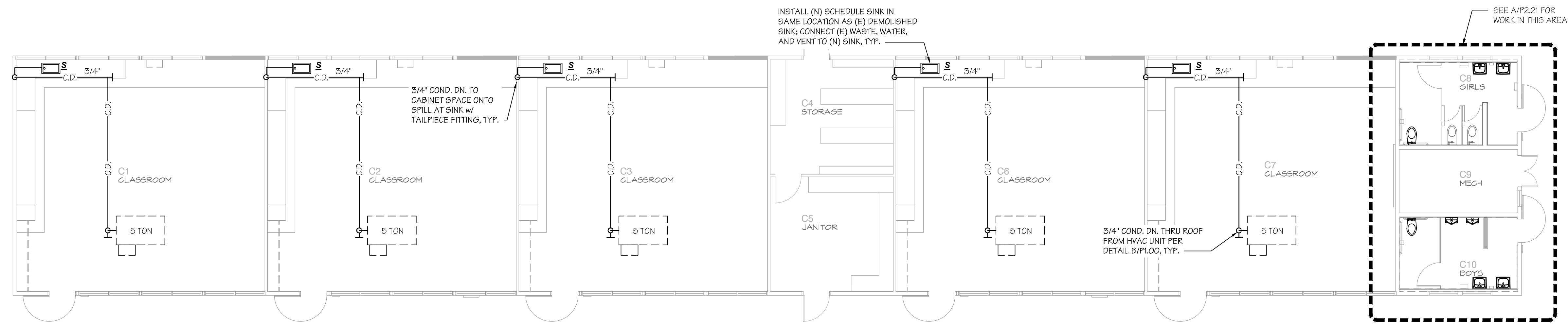
**REVISIONS**

No	Date	Item
1	02.01.24	ADD-002

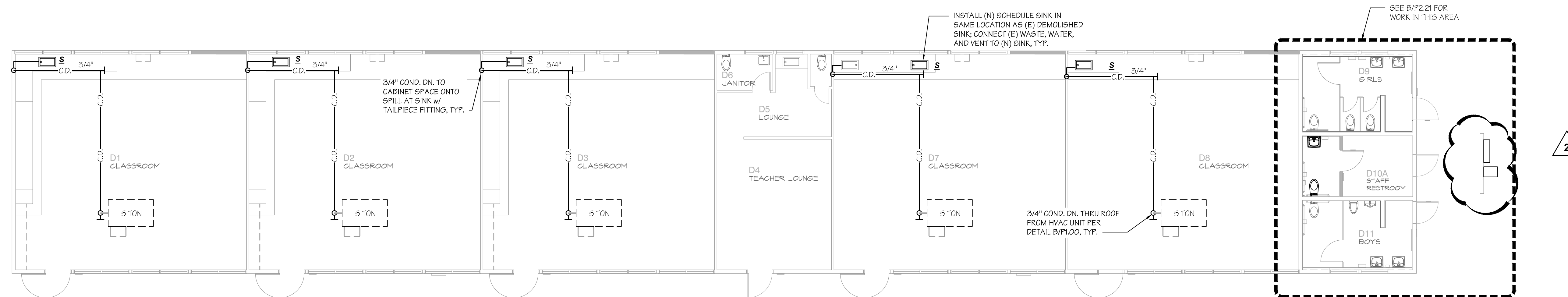
THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF THE ADDINGTON PARTNERSHIP. ALL DESIGNS AND DRAWINGS ARE FOR THE USE ON THE SPECIFIED PROJECT AND SHALL NOT BE USED OTHERWISE WITHOUT THE EXPRESSED WRITTEN PERMISSION OF THE ADDINGTON PARTNERSHIP. WRITTEN SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DETAILS SHALL BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION. © COPYRIGHT 02.06.24 14:36

PLUMBING DEMOLITION PLAN

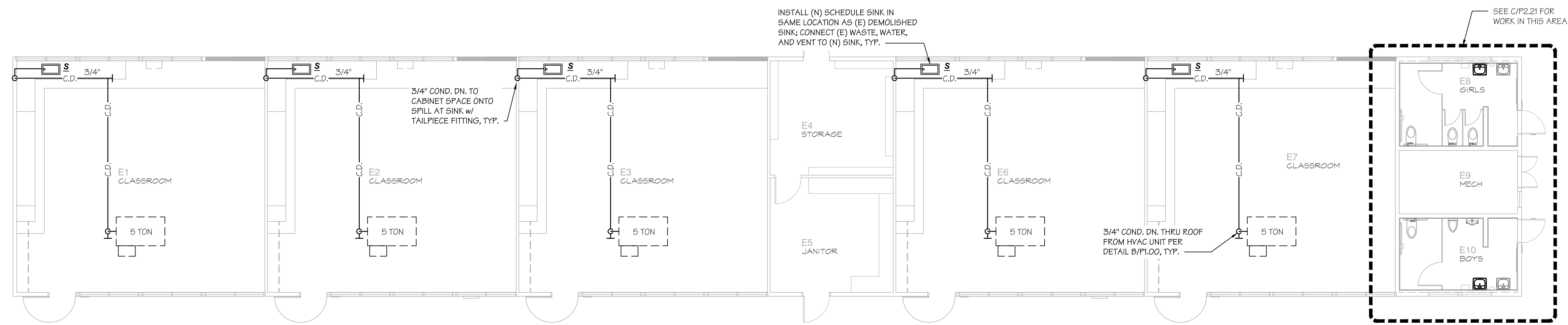
**P2.10**



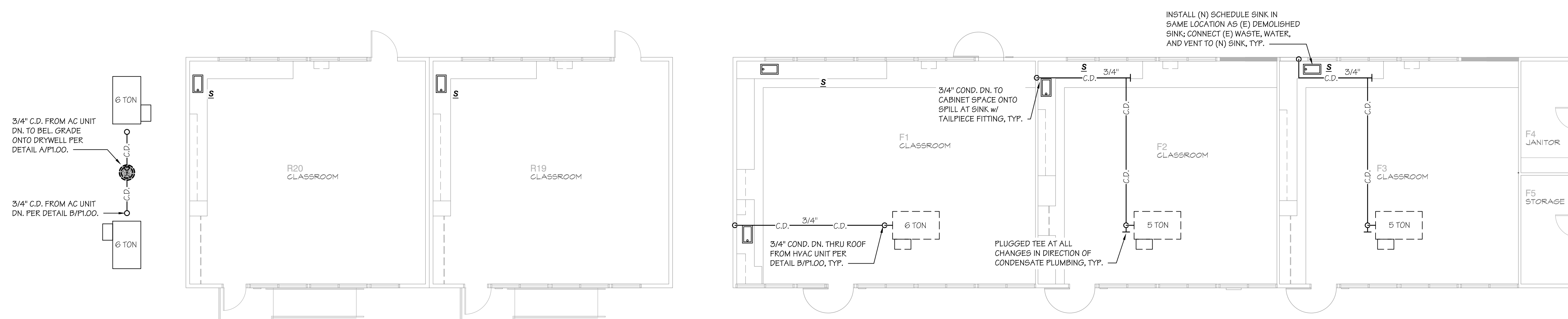
**PLUMBING PLAN - BUILDING C**  
SCALE: 1/8"=1'-0"



**PLUMBING PLAN - BUILDING D**  
SCALE: 1/8"=1'-0"



**PLUMBING PLAN - BUILDING E**  
SCALE: 1/8"=1'-0"



**PLUMBING PLAN - BUILDING R19/R20**  
SCALE: 1/8"=1'-0"

**PLUMBING PLAN - BUILDING F**  
SCALE: 1/8"=1'-0"



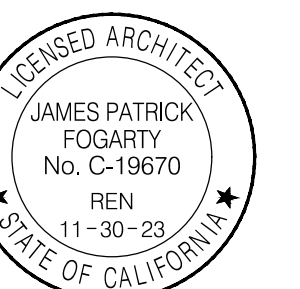
3434 Truxtun Avenue, Suite 240  
Bakersfield, California, 93301  
tel|661.327.1690 fax|661.327.7204  
web|www.aparchitects.net

**CAMPUS HVAC SYSTEM UPGRADE**

**Fremont Magnet Elementary School**

607 Texas St Bakersfield, CA 93307  
Bakersfield City School District

ARCHITECT



JAMES PATRICK FOGARTY, AIA  
ARCHITECT C-19670

CONSULTANT



**PROJECT INFO**

Project No	566-0018
Date	09.14.22
DSA File No	15-4
DSA No	03-122840

**REVISIONS**

No	Date	Item
1	02.01.24	ADD-002

THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF THE ADDINGTON PARTNERSHIP. ALL DESIGNS AND DRAWINGS ARE FOR THE USE ON THE SPECIFIED PROJECT AND SHALL NOT BE USED OTHERWISE WITHOUT THE EXPRESS WRITTEN PERMISSION OF THE ADDINGTON PARTNERSHIP. WRITERS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DETAILS SHALL BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.  
© COPYRIGHT 02.06.24 14.36

PLUMBING PLAN

**P2.20**

**bme BASKIN MECHANICAL ENGINEERS**  
175 Fulton Street  
Fresno, CA 93721  
Tel: (559) 237-0376  
Job: 22013  
Plt: 02-01-24

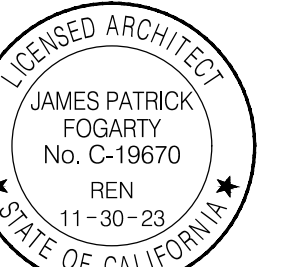


CAMPUS HVAC  
SYSTEM UPGRADE

Fremont Magnet  
Elementary School

607 Texas St Bakersfield, CA 93307  
Bakersfield City School District

ARCHITECT



JAMES PATRICK FOGARTY, AIA  
ARCHITECT C-19670

CONSULTANT



PROJECT INFO

Project No	566-0018
Date	09.14.22
DSA File No	15-4
DSA No	03-122840

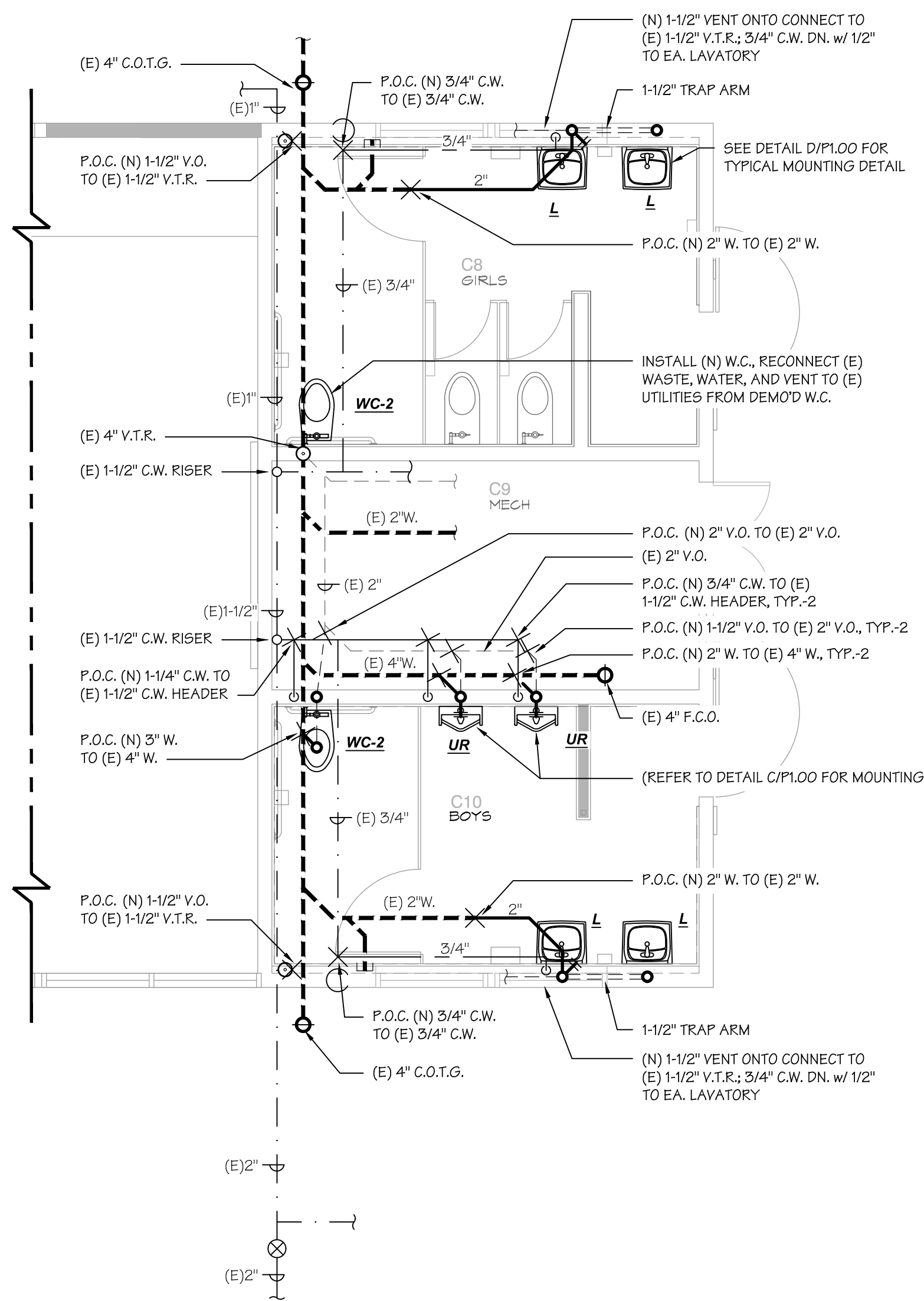
REVISIONS

No	Date	Item
△	02.01.24	ADD-002

THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF THE ADDINGTON PARTNERSHIP. ALL DESIGNS AND DRAWINGS ARE FOR THE USE ON THE SPECIFIED PROJECT AND SHALL NOT BE USED OTHERWISE WITHOUT THE EXPRESSED WRITTEN PERMISSION OF THE ADDINGTON PARTNERSHIP. WRITTEN SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DETAILS SHALL BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.  
© COPYRIGHT 02.06.24.14.36

PLUMBING PLAN

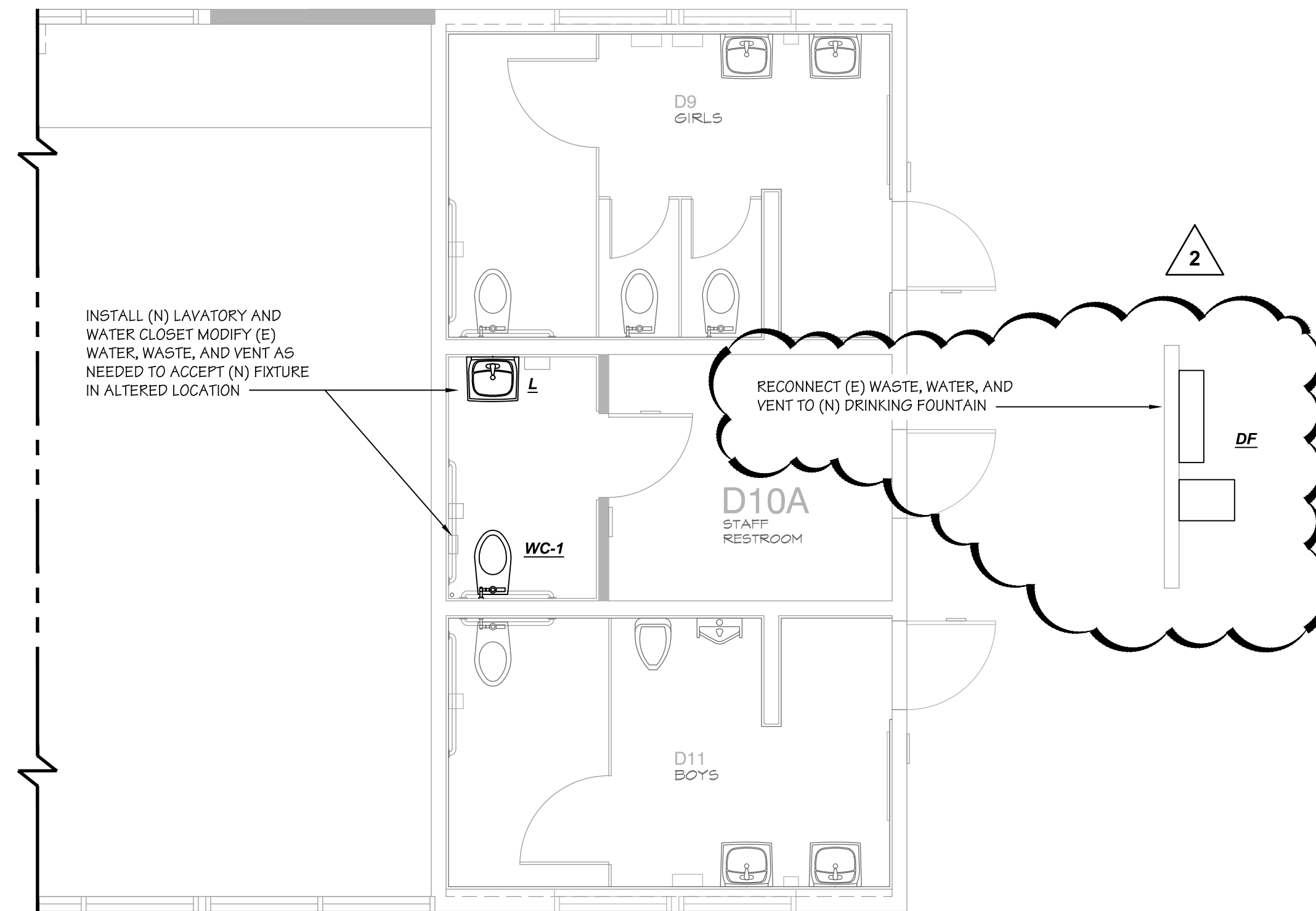
P2.21



PARTIAL PLUMBING PLAN - BUILDING C

SCALE: 1/4"=1'-0"

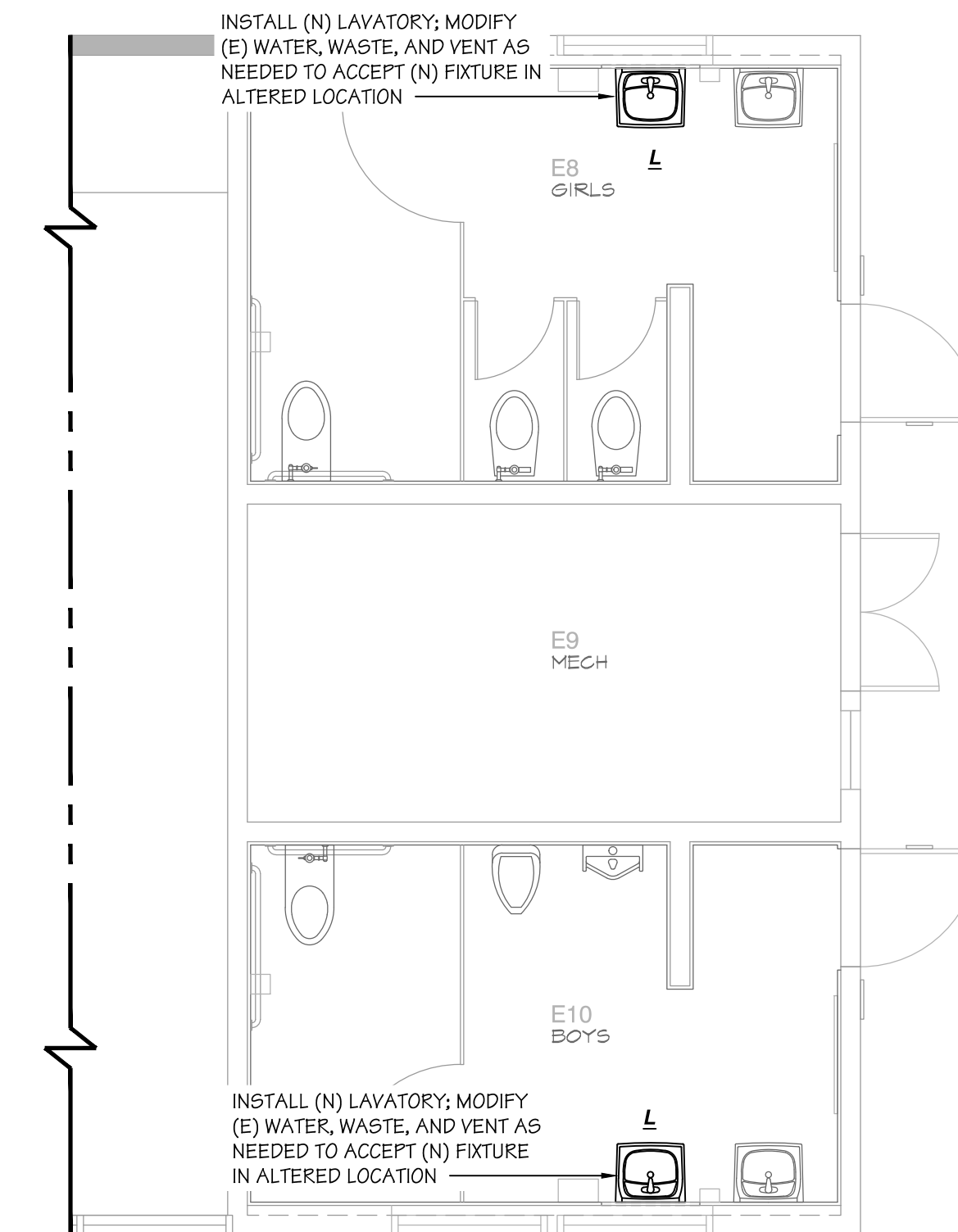
A



PARTIAL PLUMBING PLAN - BUILDING D

SCALE: 1/4"=1'-0"

B



PARTIAL PLUMBING PLAN - BUILDING E

SCALE: 1/4"=1'-0"

C

LED FIXTURE SCHEDULE							
		LED MODULE					
TYPE	MANUFACTURER AND CATALOG NUMBER	TYPE	COLOR TEMP	WATTS	DRIVER	OPTIC/LENS	REMARKS
A 43	LITHONIA SPX 2X4 6000LM 80CRI 35K BFR MPL MIN10 ZT MVOLT MW		3500K	43	0-10V 10%	DIFFUSE	2X4 LED
B 34	LITHONIA FMLWL 848		4000K	34	0-10V	DIFFUSE	4 FT S/M WRAP
C 43	LITHONIA SPX 2X4 6000LM 80CRI 35K BFR MPL MIN10 ZT MVOLT MW-2X4SMKSHPPAE		3500K	43	0-10V 10%	DIFFUSE	2X4 LED W/ SURFACE MOUNT WRAP
E 1	ISOLITE DTH SWW UN		GREEN	1	ELV	GREEN	DUAL TECH
EM 6	ISOLITE BUG 6 WH		4000K	6	NICAD BATTERY	PRISMATIC	EM LIGHT

### APPLICABLE CODE REQUIREMENTS

PERFORMANCE OF THE WORK OF THIS CONTRACT SHALL CONFORM TO THE REQUIREMENTS OF APPLICABLE GOVERNING CODES AND ORDINANCES INCLUDING THE FOLLOWING:

- 2022 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24, C.C.R.
- 2022 CALIFORNIA BUILDING CODE, PART 2, TITLE 24 C.C.R. (2020 IBC, VOLUMES 1-3 WITH CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA ELECTRICAL CODE, PART 3, TITLE 24 C.C.R. (2020 N.E.C. WITH CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA MECHANICAL CODE, PART 4, TITLE 24 C.C.R. (2020 U.M.C. WITH CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA PLUMBING CODE, PART 5, TITLE 24 C.C.R. (2020 U.P.C. WITH CALIFORNIA AMENDMENTS)
- 2022 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R.
- 2019 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R. (2012 L.F.C. WITH CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R. (NOTE SEE UL STANDARDS 1971 FOR ("VISUAL DEVICES"))
- NFPA 13 AUTOMATIC SPRINKLER SYSTEM -----2022 EDITION
- NFPA 14 STANDPIPE SYSTEM -----2019 EDITION
- NFPA 17A WET CHEMICAL SYSTEM -----2021 EDITION
- NFPA 24 PRIVATE SERVICE MAINS -----2022 EDITION
- NFPA 72 NATIONAL FIRE ALARM CODE -----2022 EDITION (NOTE SEE UL STANDARDS 1971 FOR ("VISUAL DEVICES"))

### GENERAL NOTES

1. VISIT JOB SITE AND VERIFY EXISTING CONDITIONS PRIOR TO BID.
2. THE ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE 2022 CALIFORNIA ELECTRICAL CODE AND ALL APPLICABLE LOCAL ORDINANCES WHERE PLANS CALL FOR A HIGHER STANDARD THAN APPLICABLE CODES, THE PLANS SHALL GOVERN.
3. CONDUIT RUNS ARE SHOWN DIAGRAMMATICALLY. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD TO SUIT FIELD CONDITIONS.
4. ALL ELECTRICAL EQUIPMENT, APPLIANCES AND LIGHTING FIXTURES SHALL BE LISTED BY A RECOGNIZED TEST LAB AND BEAR THAT LABEL OF APPROVAL.
5. CONTRACTOR SHALL FURNISH, INSTALL AND CONNECT ALL MATERIAL AND EQUIPMENT FOR THIS WORK UNLESS OTHERWISE NOTED.
6. FURNISH DISCONNECT SWITCHES AT REMOTE MOTORS.
7. ALL SPACES AS INDICATED ON PANELS OR SWITCHBOARDS SHALL BE COMPLETE WITH HARDWARE AND BUSSING FOR FUTURE BREAKER OR SWITCH.
8. CHECK ARCHITECTURAL PLANS FOR DOOR SWINGS BEFORE INSTALLING SWITCH OUTLETS.
9. GROUNDING AND BONDING SHALL BE PER CODE PLUS ANY ADDITIONAL PROVISIONS SPECIFIED OR SHOWN ON DRAWINGS.
10. ALL CONDUIT RUNS SHALL CONTAIN A CODE SIZED GREEN GROUND WIRE.
11. THESE PLANS ARE NOT COMPLETE UNTIL APPROVED BY THE AUTHORITY HAVING JURISDICTION.
12. ALL FEEDER CONDUCTORS SHALL BE IN CONDUIT. BRANCH CIRCUITS MAY BE NON-METALLIC SHEATHED CABLE.
13. ALL CONDUCTORS SHALL BE COPPER WITH TYPE THIN/THIN INSULATION.

### ACCESSIBILITY NOTES

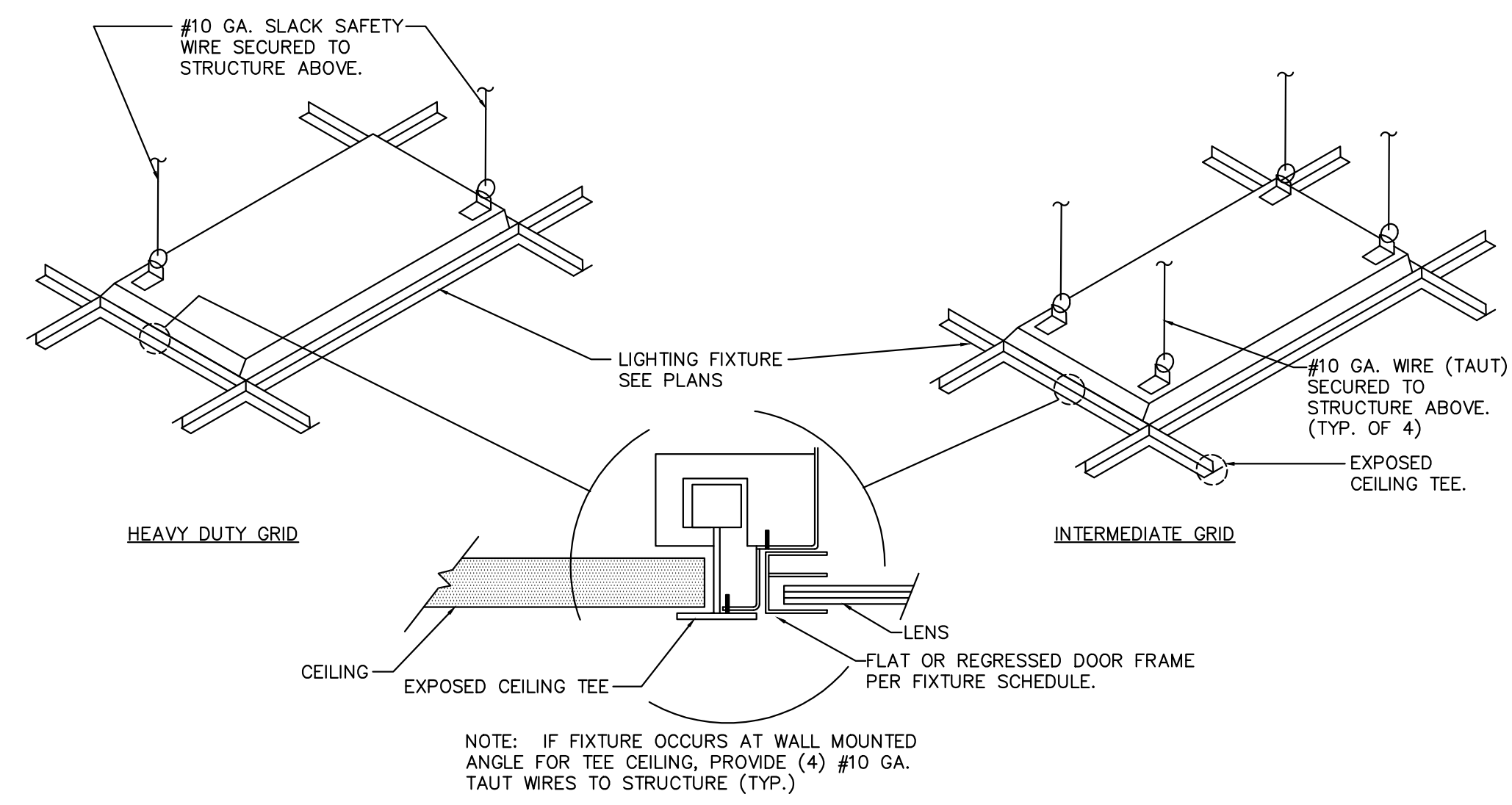
- Installation of switches, outlets and controls to reflect the accessibility requirements of the 2019 CBC Chapters 11A and 11B for Accessibility.
1. CBC 11B-308.1.1 Electrical controls and switches intended to be used by the occupant of a room or area shall be located within the allowable reach ranges. Low reach shall be measured from the bottom of the outlet box and high reach is measured to the top of the outlet box.
  2. CBC 11B-308.1.2 Electrical receptacle outlets on branch circuits of 30 amperes or less and communication system receptacles shall be located in the allowable reach range. Low reach shall be measured from the bottom of the outlet box and high reach is measured to the top of the outlet box.
  3. CBC 11B-308.2.1 High forward reach that is unobstructed shall be 48 inches maximum and the low forward reach shall be 15 inches minimum above finish floor or ground.
  4. CBC 11B-308.2 Forward Reach Obstructed - Electrical receptacle outlets shall be located no more than 44 inches measured from the top of the receptacle outlet box when the obstruction is over 20" and does not exceed 25". When the depth is less than 20" height can be increased to 48". (desk counters)
  5. CBC 11B-308.3 Side Reach Obstructed - Electrical receptacle outlets shall be located no more than 46 inches measured from the top of the receptacle outlet box when the obstruction is over 10" and does not exceed 24". When the depth is less than 10" height can be increased to 48".
  6. Overhang light fixtures or wall fixtures projecting more than 4" from the wall surface shall be a minimum of 80" above the walking surface.

### SYMBOLS

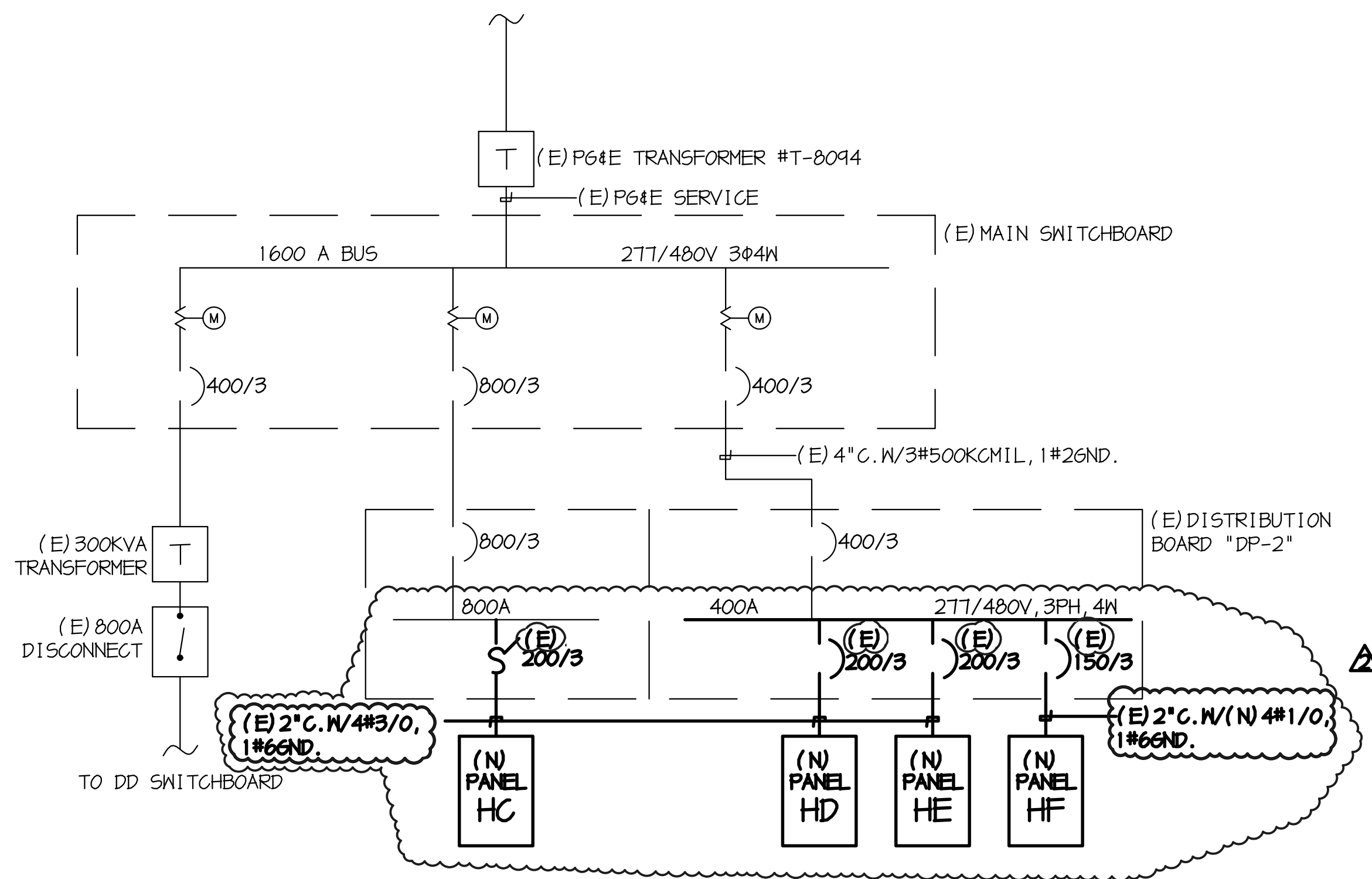
- - - CONDUIT EXISTING
- - - CONDUIT CONCEALED IN WALL OR CEILING
- - - CONDUIT CONCEALED UNDER FLOOR OR BELOW GRADE
- - - CONDUIT STUBBED OUT AND CAPPED
- - - CONDUIT TURNED UP
- - - CONDUIT TURNED DOWN
- //--- HATCH MARKS INDICATE NO. OF #2 WIRES IN CODE SIZED CONDUIT (3) MAX IN 1/2" C., (6) MAX IN 3/4" C., (8) MAX IN 1", NO MARKS = 2 #2
- A-3 HOME RUN LETTER INDICATES PANEL, NUMBER(S) INDICATES CIRCUIT(S)
- ≡≡≡ SWAGUT
- ≡≡≡ GROUND CONNECTION
- ▨ DISTRIBUTION SWITCHBOARD OR PANEL
- ▨ PANEL, BRANCH CIRCUIT TYPE, SURFACE AND FLUSH SIGNAL TERMINAL CABINET, SURFACE & FLUSH
- LINEAR SURFACE FIXTURE
- OUTLET DATA: BAR INDICATES WALL MOUNT, LETTER INDICATES SWITCH CONTROL, NO. INDICATES CIRCUIT.
- SURFACE FIXTURE ON FLUSH OUTLET.
- RECESSED FIXTURE WITH JUNCTION BOX FOR THRU WIRING
- ⊗ EXIT LIGHT WITH ARROWS AS SHOWN ON PLANS, WALL AND CEILING MOUNT.
- ⊗ LOW LEVEL EXIT SIGN, +6" AFF, +4" FROM DOOR JAMB
- ⊗ LIGHT FIXTURE DESIGNATION, LETTER INDICATES TYPE, NO. INDICATES WATTAGE - SEE FIXTURE SCHEDULE
- ⊗ MECHANICAL EQUIPMENT DESIGNATION. SEE MECHANICAL DRAWINGS.
- ⊗ SPECIAL RECEPTACLE - SEE PLAN
- ⊗ METER
- ⊗ FLUSH FLOOR RECEPTACLE
- ⊗ RECEPTACLE, DUPLEX, 15A, 125V, NEMA 5-15R +18" UNO.
- ⊗ DUPLEX RECEPTACLE MTD. ABOVE BACKSPASH
- ⊗ DUPLEX RECEPTACLE W/LOWER HALF SWITCHED
- ⊗ GFI GROUND FAULT CIRCUIT INTERRUPTING RECEPTACLE
- ⊗ DOUBLE DUPLEX RECEPTACLE
- ⊗ CEILING RECEPTACLE
- ⊗ RECEPTACLE, DUPLEX, 20A, 125V, NEMA 5-20R +18" UNO.
- ⊗ JUNCTION BOX 4" SQUARE, 1-1/2" DEEP UNO.
- ⊗ THERMOSTAT F.D.O. +48"
- ⊗ MOTOR, NO. INDICATES HORSEPOWER
- ⊗ CLOCK OUTLET +T-6" UNO.
- ⊗ DISCONNECT SWITCH, NON-FUSED
- ⊗ DISCONNECT SWITCH FUSED HORSEPOWER RATED OR SIZED AS NOTED
- ⊗ COMBINATION MAGNETIC STARTER WITH DISCONNECT SWITCH AND FUSES
- ⊗ MAGNETIC MOTOR STARTER W/OVERLOADS IN EACH PHASE
- ⊗ DIMMER W/INTEGRAL "ON-OFF" SW.
- ⊗ PUSHBUTTON
- ⊗ PHOTOCELL
- ⊗ SMOKE DETECTOR
- ⊗ TELEPHONE/COMPUTER/DATA OUTLET, TWO GANG BOX W/1 GANG COVERPLATE & GROMMETED OPENING +18" UNO.
- ⊗ CABLE TV OUTLET +18" UNO.
- ⊗ MOTION SENSOR
- ⊗ EXISTING SWITCH
- ⊗ SINGLE POLE SWITCH
- ⊗ DOUBLE POLE SWITCH } QUIET TOGGLE TYPE RATED AT 20A, 120/277V AC +48" UNO.
- ⊗ THREE WAY SWITCH
- ⊗ SWITCH W/PILOT LT.
- ⊗ MANUAL MOTOR STARTER
- ⊗ FIRE ALARM CONTROL PANEL
- ⊗ GFI GROUND FAULT CIRCUIT INTERRUPTING
- ⊗ LABOR SAVING TANDEM
- ⊗ MAIN LUBS ONLY
- ⊗ WITH CONDUIT ONLY
- ⊗ WEATHERPROOF
- ⊗ FURNISHED BY OTHERS, INSTALL & CONNECT
- ⊗ UNLESS NOTED OTHERWISE
- ⊗ NATIONAL ELECTRICAL CODE
- ⊗ NOT IN CONTRACT
- ⊗ EXISTING
- ⊗ NEW
- ⊗ REMOVE
- ⊗ RELOCATE
- ⊗ SURFACE MOUNT
- ⊗ UNDERGROUND
- ⊗ COLD WATER PIPE
- ⊗ ABOVE FINISHED FLOOR
- ⊗ HEATING AND AIR CONDITIONING RATED CIRCUIT BREAKER
- ⊗ NIGHT LIGHT

NOTE: NOT ALL SYMBOLS SHOWN ARE USED ON THIS PROJECT.


EXISTING ELECTRICAL SERVICES HAS BEEN INVESTIGATED AND FOUND TO HAVE ADEQUATE CAPACITY FOR THE PROPOSED LOAD ADDITION SHOWN ON THESE PLANS. SITE INSPECTOR IS TO WITNESS AND VERIFY GROUNDING TESTS.



LIGHT FIXTURE SUPPORT DETAIL



SINGLE LINE DIAGRAM

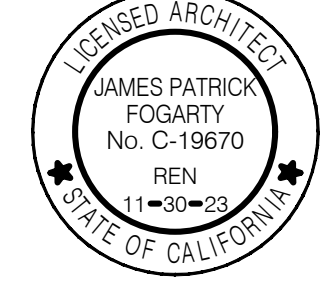


3434 Truxtun Avenue, Suite 240  
Bakersfield, California 93301  
tel | 661.327.1690 fax | 661.327.7204  
web | www.aparchitects.net

## CAMPUS HVAC SYSTEM UPGRADE

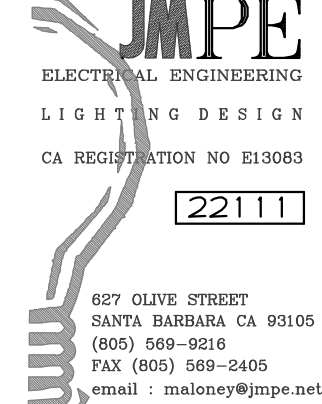
Fremont Magnet Elementary School  
607 Texas St Bakersfield, CA 93307  
Bakersfield City School District

ARCHITECT




JAMES PATRICK FOGARTY, AIA  
ARCHITECT, C-19670

CONSULTANT



JMPE  
ELECTRICAL ENGINEERING  
LIGHT & DESIGN  
CA REGISTRATION NO. 813083  
221111

607 OLIVE STREET  
SUITE 1000 BAKERSFIELD, CA 93301  
(805) 569-8616  
FAX (805) 569-1640  
email: jmaloney@jmpe.net  
www.jmpe.net



PROJECT INFO

Project No.	566-0218
Date	09.08.23
DSA File No.	15-6
DSA No.	03-122840

REVISIONS

No.	Date	Item
1	02.01.24	ADD-002

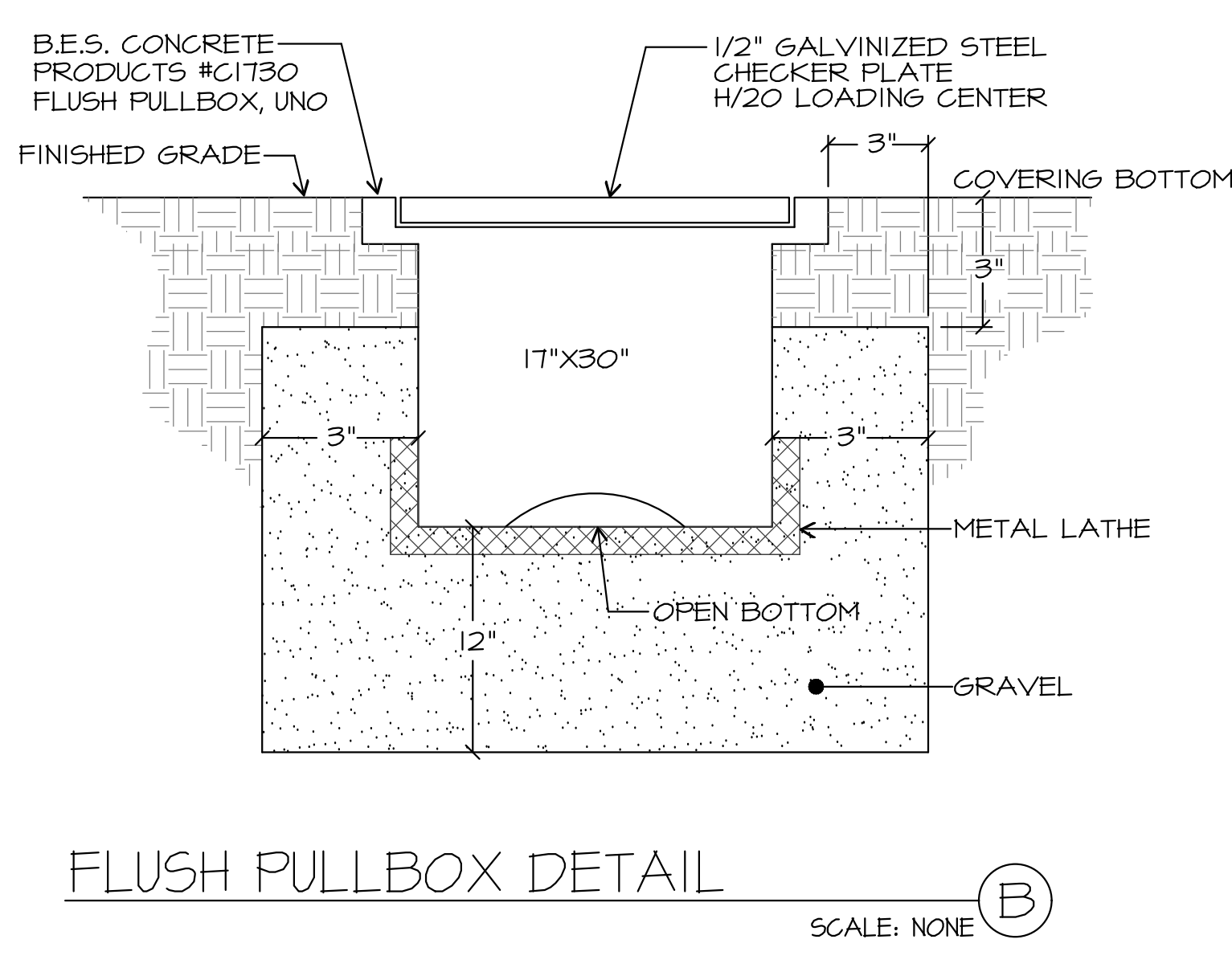
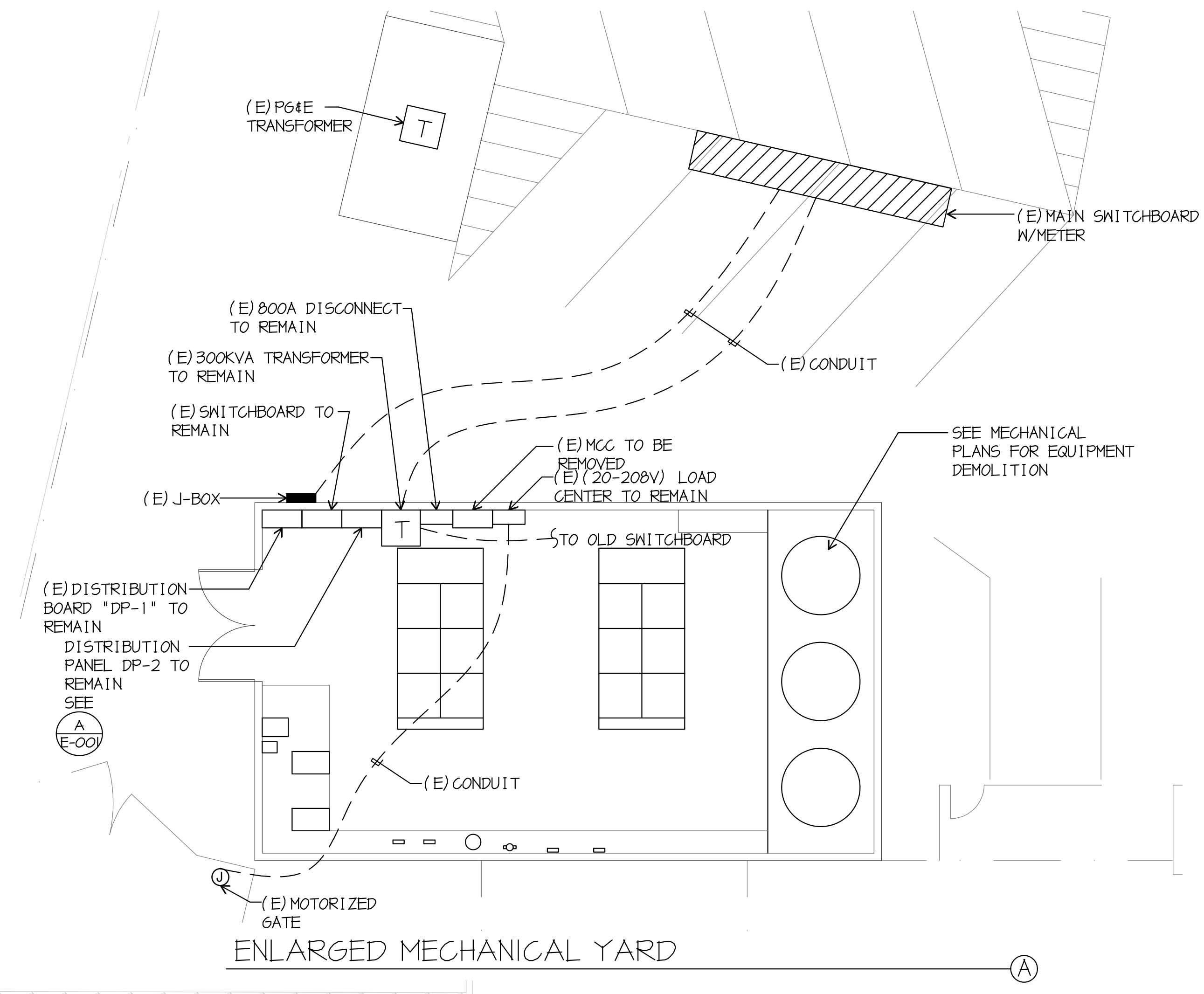
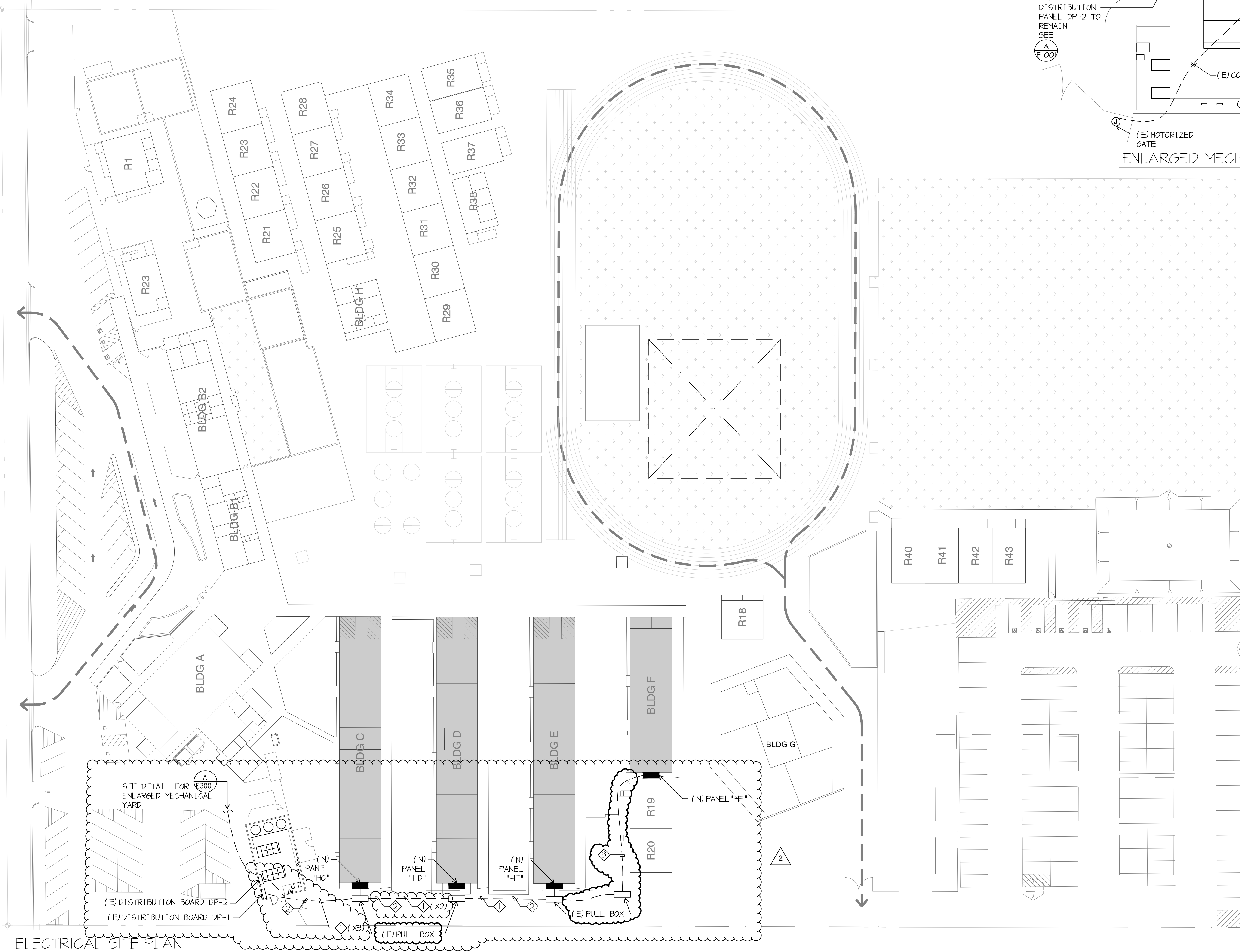
THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF AP ARCHITECTS. ALL DESIGNS AND DRAWINGS ARE FOR THE USE ON THE SPECIFIED PROJECT AND SHALL NOT BE USED OTHERWISE WITHOUT THE EXPRESSED WRITTEN PERMISSION OF AP ARCHITECTS. WRITTEN SHALL HAVE PRECEDENCE OVER SEALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS SHOWN IN THESE DRAWINGS. SHOP DETAILS SHALL BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION. © COPYRIGHT

SINGLE LINE AND GENERAL NOTES

# E-001

**ELECTRICAL NOTES**

- ◇ (N) 4#3/0, (1) #6 GND. TO BE PULLED THROUGH (E) 2" C.
- ◇ (N) 4#1/0, 1#6 GND TO BE PULLED THROUGH (E) 2" C.
- ◇ (N) 4#1/0, 1#6 GND TO BE PULLED THROUGH (E) 2" C.

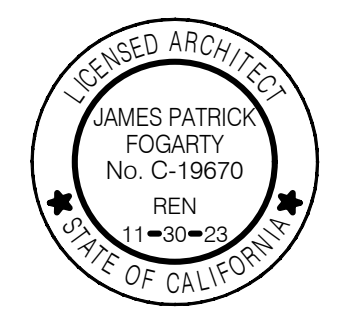


3434 Truxtun Avenue, Suite 240  
Bakersfield, California 93301  
tel | 661.327.1690 fax | 661.327.7204  
web | www.aparchitects.net

**CAMPUS HVAC SYSTEM UPGRADE**

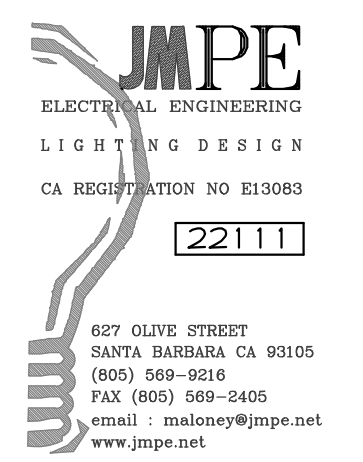
**Fremont Magnet Elementary School**  
607 Texas St Bakersfield, CA 93307  
Bakersfield City School District

**ARCHITECT**



JAMES PATRICK FOGARTY, AIA  
ARCHITECT, C-19670

**CONSULTANT**



**PROJECT INFO**

Project No	566-0018
Date	09.08.23
DSA File No	15.6
DSA No	03-122840

**REVISIONS**

No	Date	Item
△	02.01.24	ADD-002

THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF AP ARCHITECTS. ALL DESIGNS AND DRAWINGS ARE FOR THE USE ON THE SPECIFIED PROJECT AND SHALL NOT BE USED OTHERWISE WITHOUT THE EXPRESSED WRITTEN PERMISSION OF AP ARCHITECTS. WRITTEN SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DETAILS SHALL BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION. © COPYRIGHT

**ELECTRICAL SITE PLAN**

**E-500**