

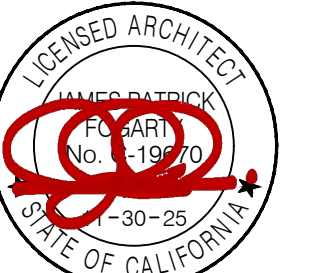


**CAMPUS HVAC  
 SYSTEM UPGRADE  
 &  
 SITE IMPROVEMENTS**

**Mt Vernon  
 Elementary School**

2161 Potomac Ave, Bakersfield, CA 93307  
 Bakersfield City School District

ARCHITECT



JAMES PATRICK FOGARTY, AIA  
 ARCHITECT ©-19870

CONSULTANT

**PROJECT INFO**

Project No: 566-0015  
 Date: 10.12.23  
 DSA File No: 15-6  
 DSA No: 03-122659

**REVISIONS**

No	Date	Item

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CAMPUS SITE PLAN

**A1.00**

BUILDING DIRECTORY (NOTE: BUILDINGS ARE CERTIFIED U.N.O.)					
BLDG #	DSA #	BUILDING USE	BLDG #	DSA #	BUILDING USE
A	19177	MULTI-KIT	R1	33982	KINDERGARTEN
B	3252/51530	CLASSROOMS/ TOILET	R2	27729/ 30116	KINDERGARTEN
C	3252/51530	CLASSROOMS	R14	35420	RELOCATABLE TOILETS
D	5616/51530	CLASSROOMS	R21-26	35402	6 RELOCATABLE CLASSROOMS
E	5616/39113	CLASSROOMS/ TOILET	R28-29	54429	2 RELOCATABLE CLASSROOMS
F	5616	MUSIC CLASSROOMS	R30-35	03-102897	6 RELOCATABLE CLASSROOMS
G	28584	COUNACAD/COACH	R36-41	03-102897	6 RELOCATABLE CLASSROOMS
H	3252/ 32802	ADMINISTRATION	R42	03-117024	RELOCATABLE CLASSROOMS
J	03-102897	TOILETS	R43	03-117024	RELOCATABLE CLASSROOMS
			R44	03-117024	RELOCATABLE CLASSROOMS
P1	03-119219	PARKING LOT 1	T1	03-123039*	SWING SPACE (TEMPORARY RELOCATABLE)
P2	03-114521	PARKING LOT 2	T2	03-123039*	SWING SPACE (TEMPORARY RELOCATABLE)
	03-116026	SITE (ACCESS ONLY)	T3	03-123039*	SWING SPACE (TEMPORARY RELOCATABLE)
			T4	03-123039*	SWING SPACE (TEMPORARY RELOCATABLE)
			T5	03-123039*	SWING SPACE (TEMPORARY RELOCATABLE)
			T6	03-123039*	SWING SPACE (TEMPORARY RELOCATABLE)
			T7	03-123039*	SWING SPACE (TEMPORARY RELOCATABLE)
			T8	03-123039*	SWING SPACE (TEMPORARY RELOCATABLE)
			T9	03-123039*	SWING SPACE (TEMPORARY RELOCATABLE)
			T10	03-123039*	SWING SPACE (TEMPORARY RELOCATABLE)

**ACCESSIBLE PATH OF TRAVEL (P.O.T.)**

--- ACCESSIBLE PATH OF TRAVEL (P.O.T.) AS INDICATED ON PLAN IS A BARRIER FREE ACCESS WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" AT 1/2" MAXIMUM SLOPE. EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL. POT IS A MINIMUM OF 48" WIDE SLIP RESISTANT SURFACE WITH 2% MAX SLOPE AND 2% MAX CROSS SLOPE. TYP P.O.T. SHALL BE FREE OF OVERHANGING OBSTRUCTIONS TO 80" HIGH MIN AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL BETWEEN 27" AND 80" AFF OR GROUND.

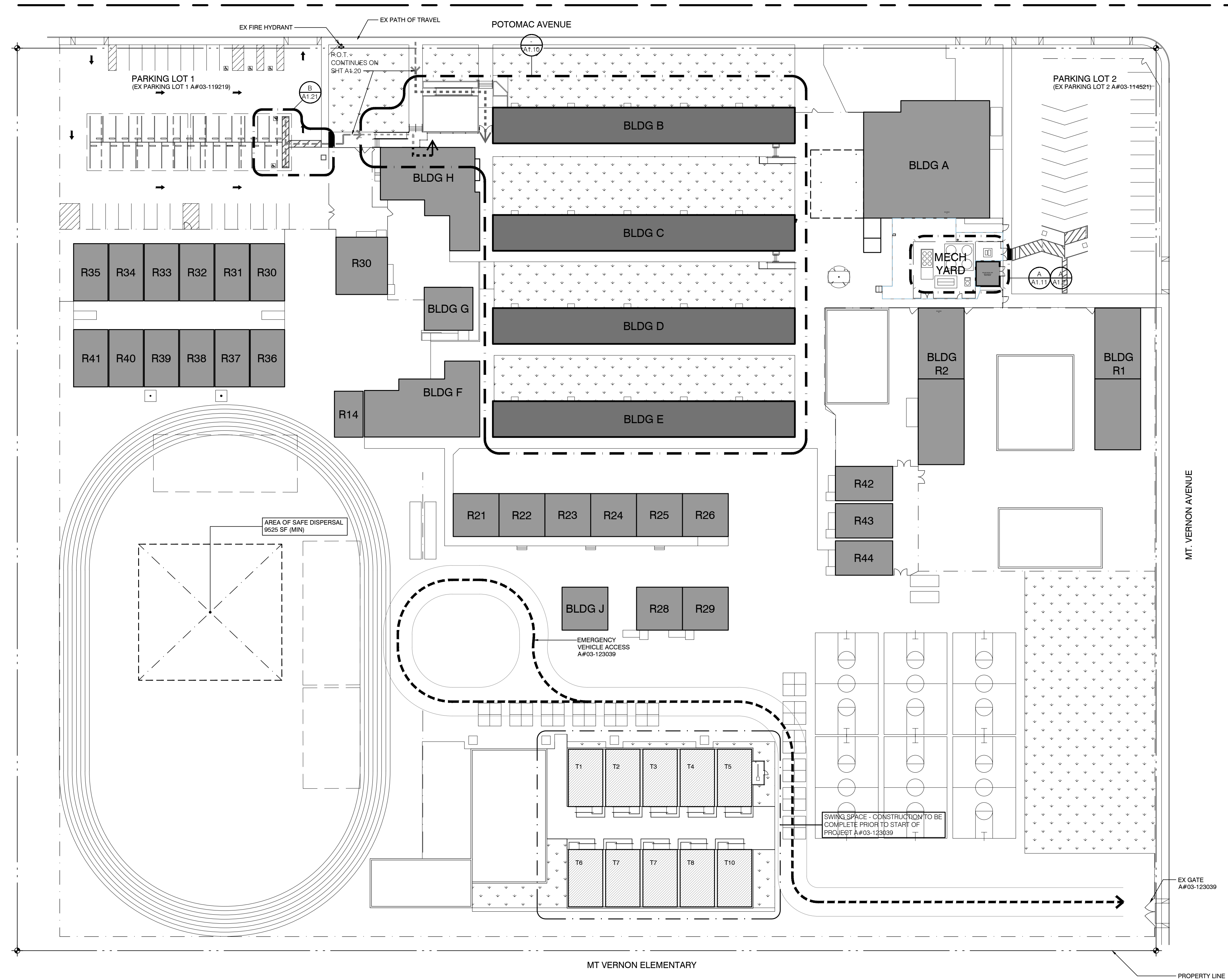
SEE ENLARGED PLANS FOR MORE INFORMATION.  
 DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NON-COMPLIANT WITH THE CBC HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NON-COMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NON-COMPLIANT BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

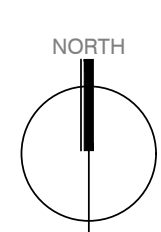
- HAND ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 34 INCHES AND 44 INCHES ABOVE FLOOR. LATCHING AND LOCKING DEVICES THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE. BY PANIC BARS, PUSH-PULL ACTIVATION BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP AND TURN OPENING HARDWARE. LOCKED EXIT DOORS SHALL OPERATE AS ABOVE IN EGRESS DIRECTION.
- MAXIMUM EFFORT TO OPERATE SHALL NOT EXCEED 5 POUNDS FOR EXTERIOR DOORS AND 8 POUNDS FOR INTERIOR DOORS. SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS WHEN FIRE DOORS ARE REQUIRED. THE MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED NOT TO EXCEED 15 POUNDS.
- CONSTRUCTION, THE BOTTOM 10" OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. WHERE NARROW FRAMES ARE USED, A 1" HIGH SMOOTH PANEL SHALL BE INSTALLED ON THE PUSH SIDE OF THE DOOR, WHICH WILL ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.
- FOR HINGED DOORS, THE OPENING WIDTH SHALL BE MEASURED WITH THE DOOR POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION. AT LEAST ONE OF A PAIR OF DOORS SHALL MEET THIS OPENING WIDTH REQUIREMENT.
- IN ADDITION TO ALL LOCAL CODES, ACCESSIBILITY REQUIREMENTS SHALL COMPLY WITH THE CALIFORNIA BUILDING CODE, TITLE 24, AS WELL AS FEDERAL ADA (AMERICANS WITH DISABILITIES ACT).

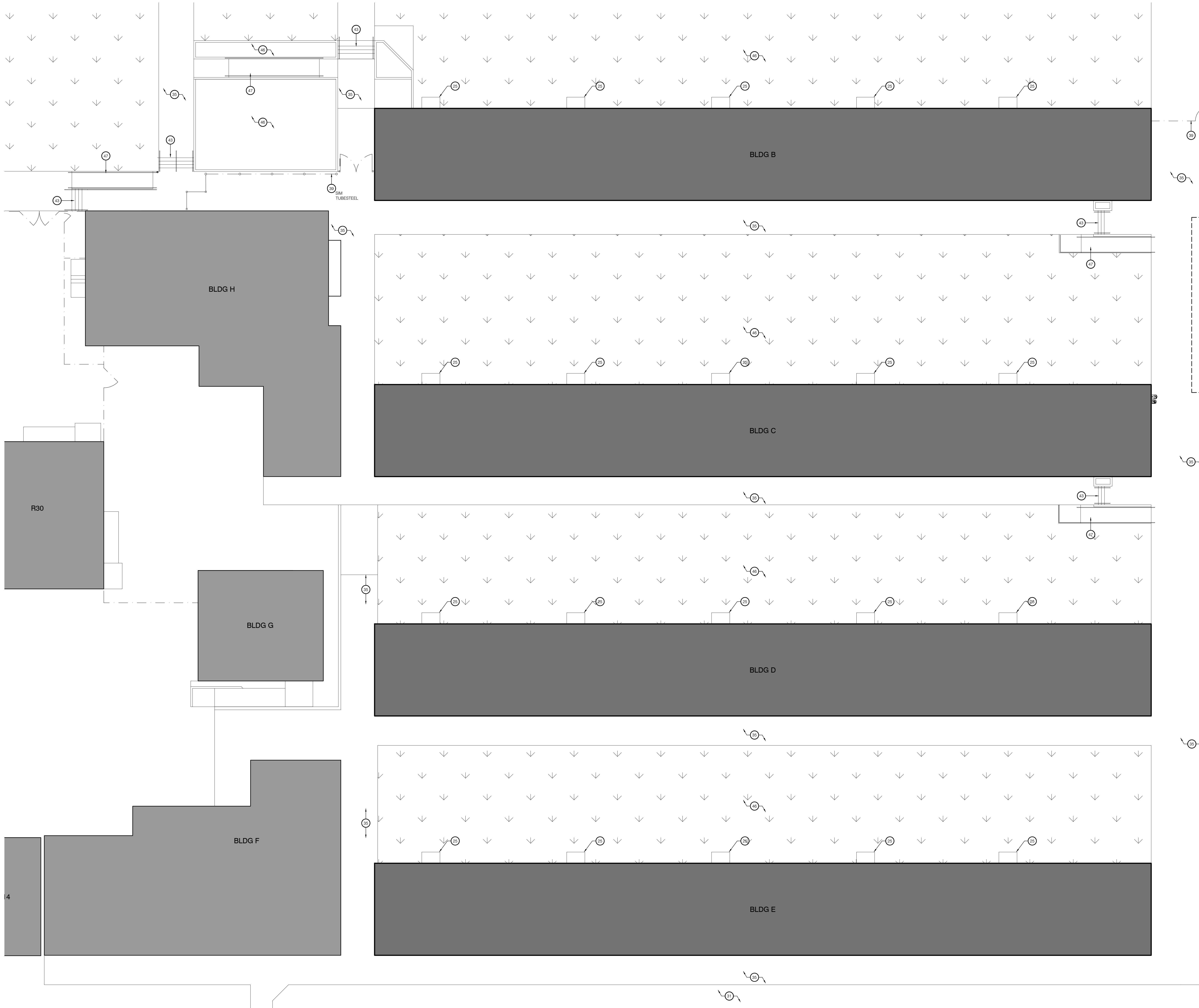
**PARKING ANALYSIS (EXISTING)**

Lot	Van Accessible (VAN)	STD Accessible (ACS)	STD	Total	Remarks
P1	2	3	45	50	
P2	1	1	32	34	



Campus Site Plan  
 Scale: 1" = 40'-0"



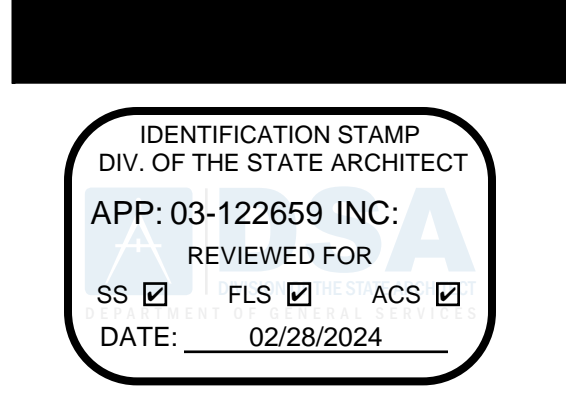


**GENERAL DEMO SITE PLAN NOTES**

1. ALL EXISTING ITEMS, LOCATIONS AND SIZES ARE INDICATED AS ADVISORY. CONTRACTOR TO FIELD VERIFY ACTUAL DIMENSIONS, LOCATIONS AND CONDITIONS AS REQUIRED FOR INTENDED WORK AND MAKE ADJUSTMENTS ACCORDINGLY.
2. CONTRACTOR TO VERIFY ALL EXISTING UNDERGROUND UTILITIES WITH APPROPRIATE UTILITY COMPANIES AND FIELD VERIFY ACTUAL LOCATIONS, DIMENSIONS AND CONDITIONS AS REQUIRED FOR INTENDED WORK.
3. FIELD VERIFY EX UTILITY BOXES/COVERS TO REMAIN AT WORK AREA AND ADJUST TOP TO MATCH NEW FINISH GRADE WHERE OCCURS.
4. FIELD VERIFY, LOCATE AND TAKE NECESSARY CARE TO PROTECT EX UNDERGROUND UTILITIES DURING CONSTRUCTION.
5. SEE CIVIL, ELECTRICAL, MECHANICAL AND PLUMBING SHEETS FOR ADDITIONAL WORK SCOPE AND COORDINATE.
6. PROVIDE TEMPORARY FENCES, DUST BARRIERS, SIGNAGE AND OTHER SAFETY MEASURES AS REQUIRED FOR WORK AND PUBLIC.
7. SEE PROJECT MANUAL FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
8. SEE MECHANICAL, PLUMBING AND ELECTRICAL FOR ADDITIONAL UTILITIES. ADJUST UTILITY/TRENCH DEPTH AS REQUIRED AT INTERSECTIONS.
9. OWNER HAS FIRST RIGHT OF REFUSAL OF ALL ITEMS REMOVED AND NOT TO BE SALVAGED.
10. CONTRACTOR TO COMPLY W/ SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT REQUIREMENTS FOR RULE 9510 INDIRECT SOURCE REVIEW (ISR).
11. PRIOR TO ANY UNDERGROUND SITE WORK, VERIFY LOCATION OF ALL EX UTILITIES W/ UNDERGROUND SERVICE ALERT (U.S.A.).

**DEMO SITE PLAN KEYNOTES**  
NOTE: NOT ALL KEYNOTES ARE USED ON SHEETS A1.10 AND A1.11

- (01) REMOVE EX ASPHALT CONC PAVING AND BASE MATERIAL
- (02) NOT USED
- (03) NOT USED
- (04) NOT USED
- (05) NOT USED
- (06) NOT USED
- (07) NOT USED
- (08) NOT USED
- (09) NOT USED
- (10) REMOVE EX CONC PAD AND BASE MATERIAL
- (11) NOT USED
- (12) REMOVE EX CHAINLINK FENCE / GATES / FOOTINGS AND ASSOCIATED HARDWARE - FILL HOLES
- (13) NOT USED
- (14) NOT USED
- (15) NOT USED
- (16) NOT USED
- (17) NOT USED
- (18) NOT USED
- (19) NOT USED
- (20) NOT USED
- (21) REMOVE EXISTING MECHANICAL / ELECTRICAL EQUIPMENT AND ALL ASSOCIATED PIPING / ANCHORAGE / ETC. REMOVE CONCRETE FOUNDATION AT EQUIPMENT REMOVED - SEE MECHANICAL / ELECTRICAL.
- (22) NOT USED
- (23) NOT USED
- (24) NOT USED
- (25) EXISTING CONCRETE PAD TO REMAIN WITH UTILITY TRENCH BELOW - SEE MECH DRAWINGS FOR ADDITIONAL INFORMATION - PATCH AREA TO MATCH ADJACENT
- (26) NOT USED
- (27) NOT USED
- (28) NOT USED
- (29) NOT USED
- (30) NOT USED
- (31) EXISTING AC PAVING TO REMAIN
- (32) NOT USED
- (33) NOT USED
- (34) NOT USED
- (35) EXISTING CONCRETE PAVING TO REMAIN
- (36) NOT USED
- (37) NOT USED
- (38) NOT USED
- (39) NOT USED
- (40) EXISTING CHAINLINK FENCE AND GATE(S) TO REMAIN - NO SLATS, SIGNS (LNO) OR OTHER COVERINGS SHALL BE ADDED TO FENCINGS
- (41) NOT USED
- (42) NOT USED
- (43) NOT USED
- (44) EXISTING CONCRETE STAIR, LANDING AND RAILING TO REMAIN
- (45) NOT USED
- (46) NOT USED
- (47) EXISTING LANDSCAPE AND IRRIGATION TO REMAIN
- (48) EXISTING ACCESSIBLE CONCRETE RAMP, LANDING AND RAILING TO REMAIN - VERIFIED TO MEET 2019 CBC 11B - SEE SITE PLANS FOR ADDITIONAL INFORMATION



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**Mt Vernon Elementary School**  
2161 Potomac Ave. Bakersfield, CA 93307  
Bakersfield City School District

**ARCHITECT**



**CONSULTANT**

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**REVISIONS**

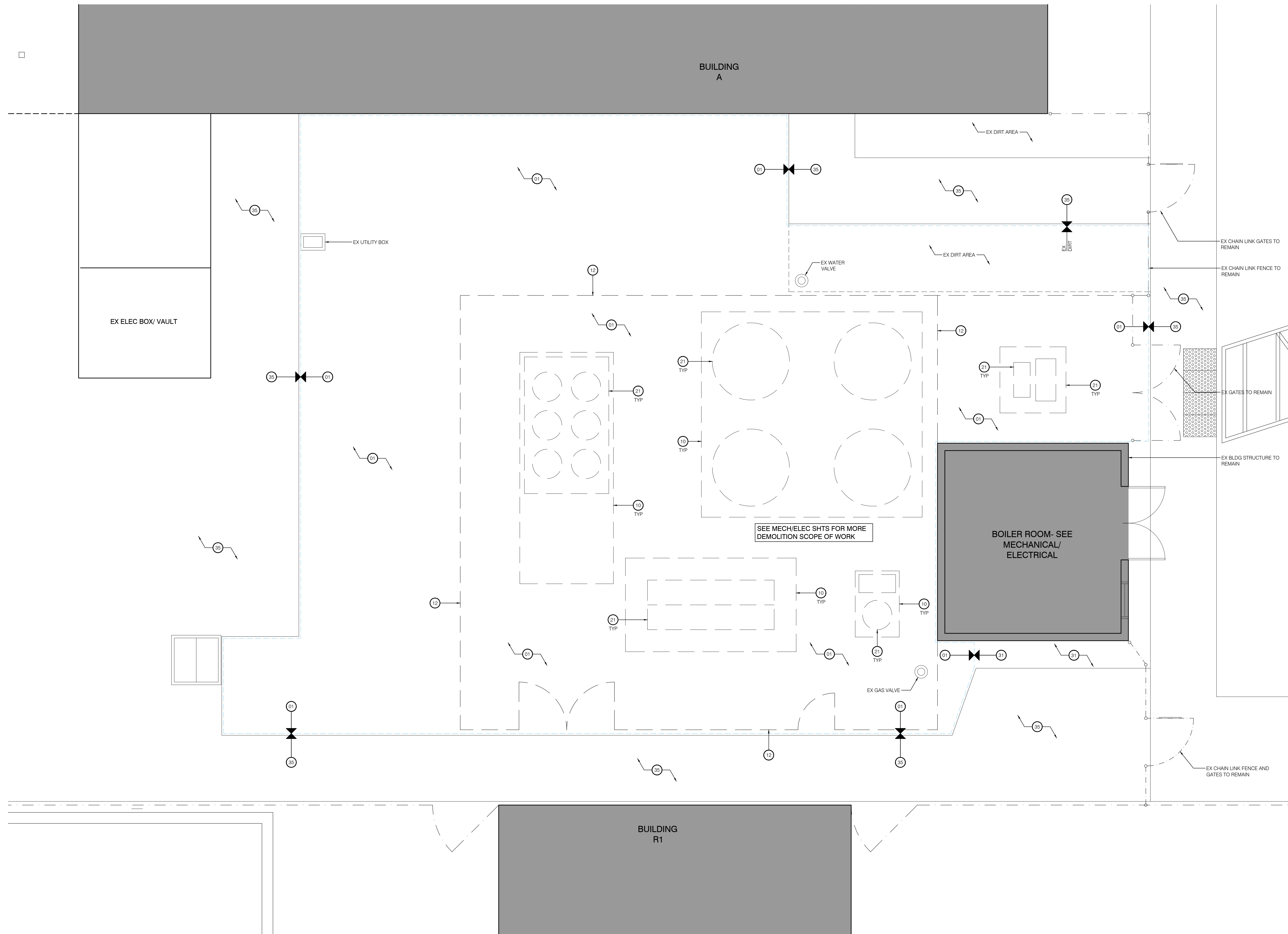
No	Date	Item

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**PARTIAL DEMOLITION SITE PLAN**

**A1.10**

**Partial Demolition Site Plan**  
Scale: 1" = 10'-0"  
NORTH

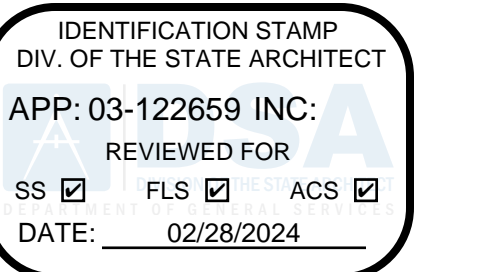


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**DEMO SITE PLAN KEYNOTES**  
NOTE: NOT ALL KEYNOTES ARE USED ON SHEETS A1.10 AND A1.11

- 01 REMOVE EX ASPHALT CONC PAVING AND BASE MATERIAL
- 02 NOT USED
- 03 NOT USED
- 04 NOT USED
- 05 NOT USED
- 06 NOT USED
- 07 NOT USED
- 08 NOT USED
- 09 NOT USED
- 10 REMOVE EX CONC PAD AND BASE MATERIAL
- 11 NOT USED
- 12 REMOVE EX CHAINLINK FENCE / GATES/ FOOTINGS AND ASSOCIATED HARDWARE - FILL HOLES
- 13 NOT USED
- 14 NOT USED
- 15 NOT USED
- 16 NOT USED
- 17 NOT USED
- 18 REMOVE EXISTING MECHANICAL/ ELECTRICAL EQUIPMENT AND ALL ASSOCIATED PIPING/ ANCHORAGE/ ETC. REMOVE CONCRETE FOUNDATION AT EQUIPMENT REMOVED- SEE MECHANICAL/ ELECTRICAL
- 19 NOT USED
- 20 NOT USED
- 21 EXISTING CONCRETE PAD TO REMAIN WITH UTILITY TRENCH BELOW- SEE MECH DRAWINGS FOR ADDITIONAL INFORMATION - PATCH AREA TO MATCH ADJACENT
- 22 NOT USED
- 23 NOT USED
- 24 EXISTING AC PAVING TO REMAIN
- 25 NOT USED
- 26 NOT USED
- 27 NOT USED
- 28 NOT USED
- 29 EXISTING CONCRETE PAVING TO REMAIN
- 30 NOT USED
- 31 NOT USED
- 32 EXISTING CONCRETE STAIR, LANDING AND RAILING TO REMAIN
- 33 NOT USED
- 34 NOT USED
- 35 EXISTING CHAINLINK FENCE AND GATE(S) TO REMAIN - NO SLATS, SIGNS (LAND) OR OTHER COVERINGS SHALL BE ADDED TO FENCINGS
- 36 NOT USED
- 37 NOT USED
- 38 EXISTING LANDSCAPE AND IRRIGATION TO REMAIN
- 39 EXISTING ACCESSIBLE CONCRETE RAMP, LANDING AND RAILING TO REMAIN - VERIFIED TO MEET 2019 CBC 11B - SEE SITE PLANS FOR ADDITIONAL INFORMATION
- 40 NOT USED
- 41 NOT USED
- 42 NOT USED
- 43 NOT USED
- 44 NOT USED
- 45 NOT USED
- 46 NOT USED
- 47 NOT USED

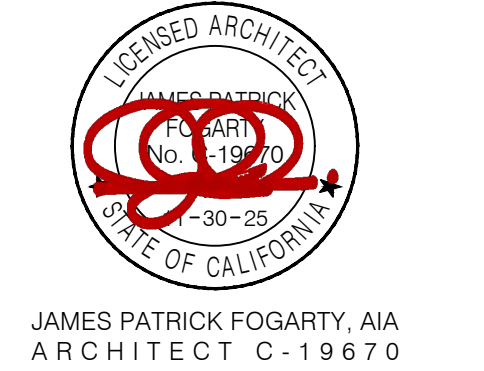


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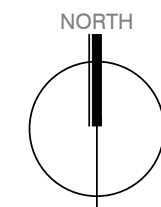
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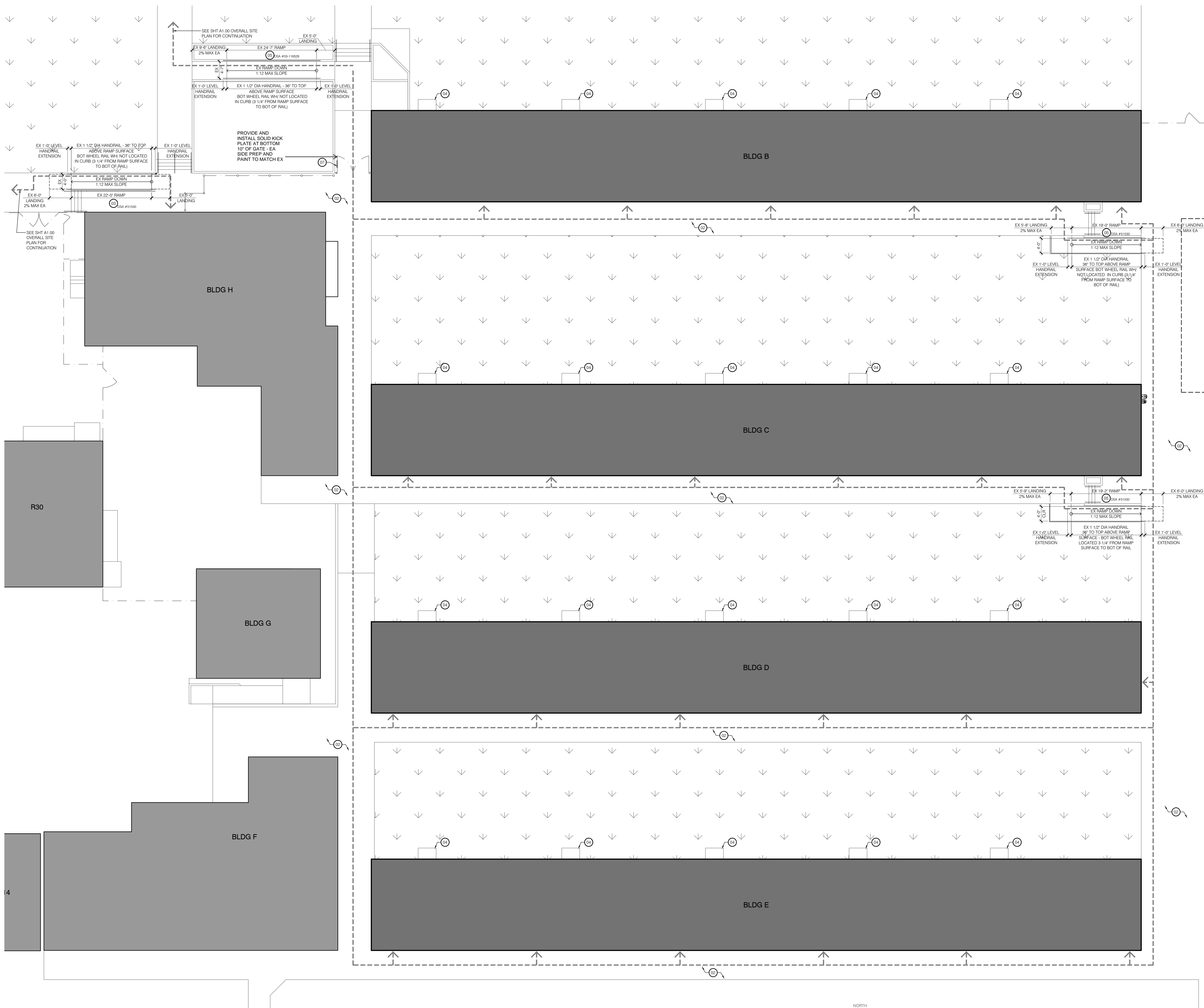
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**PARTIAL DEMOLITION SITE PLAN**

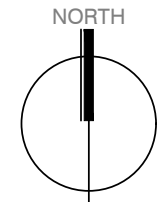
**A1.11**

**A. Mechanical Yard Demolition Plan**  
Scale: 1/8" = 1'-0"





Partial Site Plan  
Scale: 1" = 10'-0"



**GENERAL SITE PLAN NOTES**

- REFER TO CIVIL PLUMBING AND ELECTRICAL DRAWINGS FOR UNDERGROUND UTILITIES.
- PRIOR TO ANY UNDERGROUND SITE WORK, VERIFY LOCATION OF ALL EX UTILITIES W/ UNDERGROUND SERVICE ALERT (U.S.A.).
- CONC SHALL BE REMOVED TO THE NEAREST EX JOINT UNO. VER EXTENT OF CONC DEMO PRIOR TO START OF WORK.
- REFER TO FLOOR AND ROOF DEMO PLANS FOR ADDITIONAL INFORMATION NOT SHOWN HERE.
- ALL EXISTING ITEMS NOTED FOR REMOVAL TO BE PROTECTED IN PLACE.
- CONTRACTOR TO COMPLY W/ SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT REQUIREMENTS FOR RULE 9510 INDIRECT SOURCE REVIEW (ISR).
- SEE DTL (41) FOR UNDERGROUND UTILITIES.

**SITE PLAN KEYNOTES**  
NOTE: NOT ALL KEYNOTES ARE USED ON SHEETS A1.20 AND A1.21

- (K1) 2 1/2" TH AC PAVING OVER 1 1/2" CLASS II AGGREGATE BASE
- (K2) EXISTING PAVING TO REMAIN
- (K3) EXISTING ACCESSIBLE CONCRETE RAMP, LANDING AND RAILING TO REMAIN - VERIFIED TO MEET 2019 CBC-118
- (K4) EXISTING MECH CONC PEDESTALS TO REMAIN - PATCH CONC FLUSH
- (K5) EXISTING RAMP AND HANDRAILS - #/ NOTED AT EACH LOCATION
- (K6) EXISTING GATE WITH PANIC HARDWARE AND KICKPLATE VERIFIED TO MEET 2019 CBC-118 REQUIREMENTS
- (K7) EXISTING GATE WITH NEW SIGN CONTROLLED ENTRY SIGN (35)

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 03-122659 INC.  
REVIEWED FOR  
SS  FLS  ACS   
DATE: 02/28/2024

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**ARCHITECT**

JAMES PATRICK FOGARTY, AIA  
ARCHITECT C-196570

**CONSULTANT**

**PROJECT INFO**

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**ACCESSIBLE PATH OF TRAVEL (P.O.T.)**

17-04-01

--- ACCESSIBLE PATH OF TRAVEL (P.O.T.) AS INDICATED ON PLAN IS A BARRIER FREE ACCESS WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" AT 12" MAXIMUM SLOPE. EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL. POT IS A MINIMUM OF 48" WIDE SLIP RESISTANT SURFACE WITH 2% MAX SLOPE AND 2% MAX CROSS SLOPE. TYP. THERE IS NO DROP-OFF OVER 4" AT THE EDGE OF WALK OR LANDING.

SEE ENLARGED PLANS FOR MORE INFORMATION.

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS AS PART OF THE DESIGN OF THIS PROJECT. THE P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NON-COMPLIANT WITH THE CBC HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECTS WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NON-COMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARSHSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.

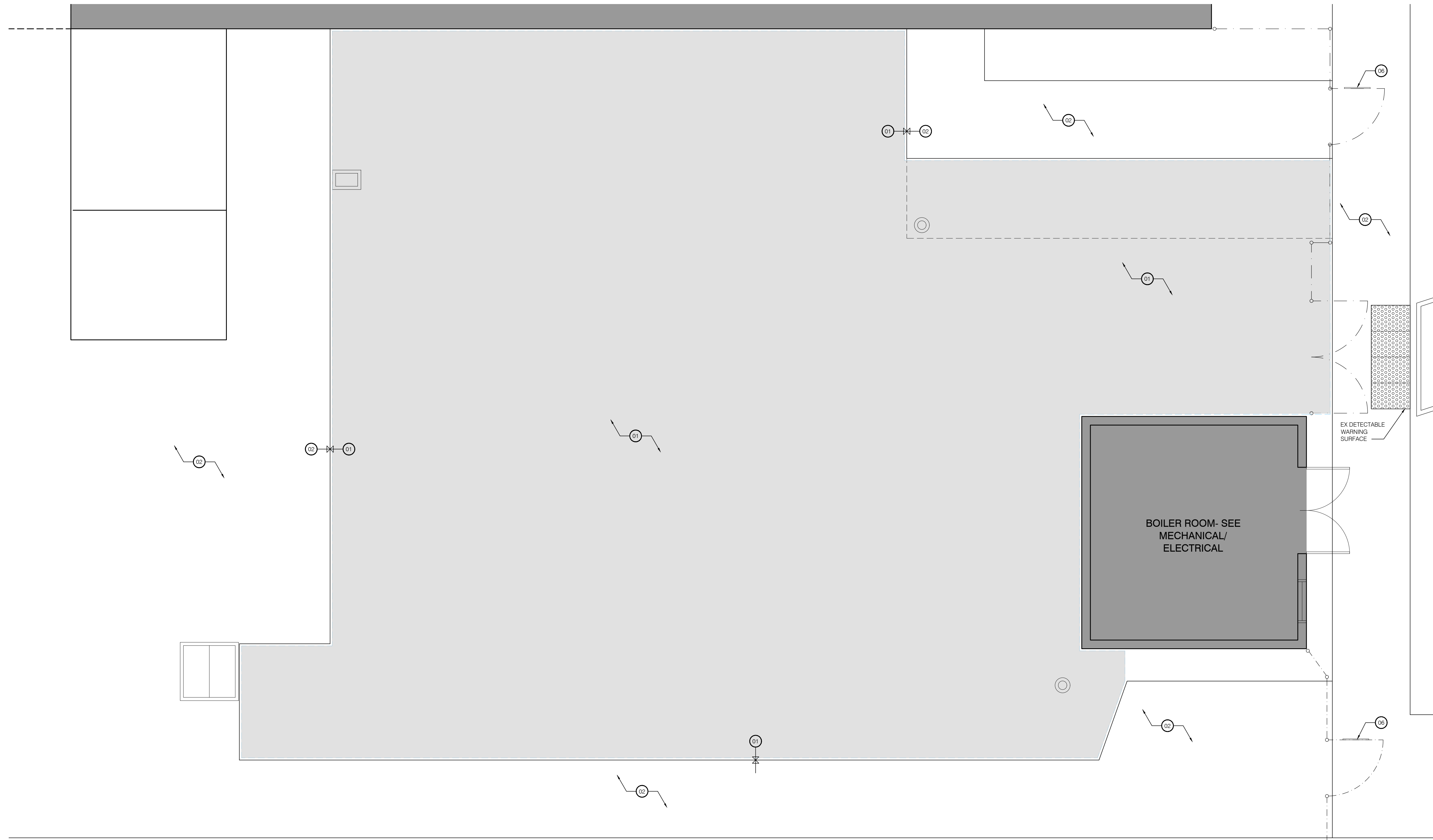
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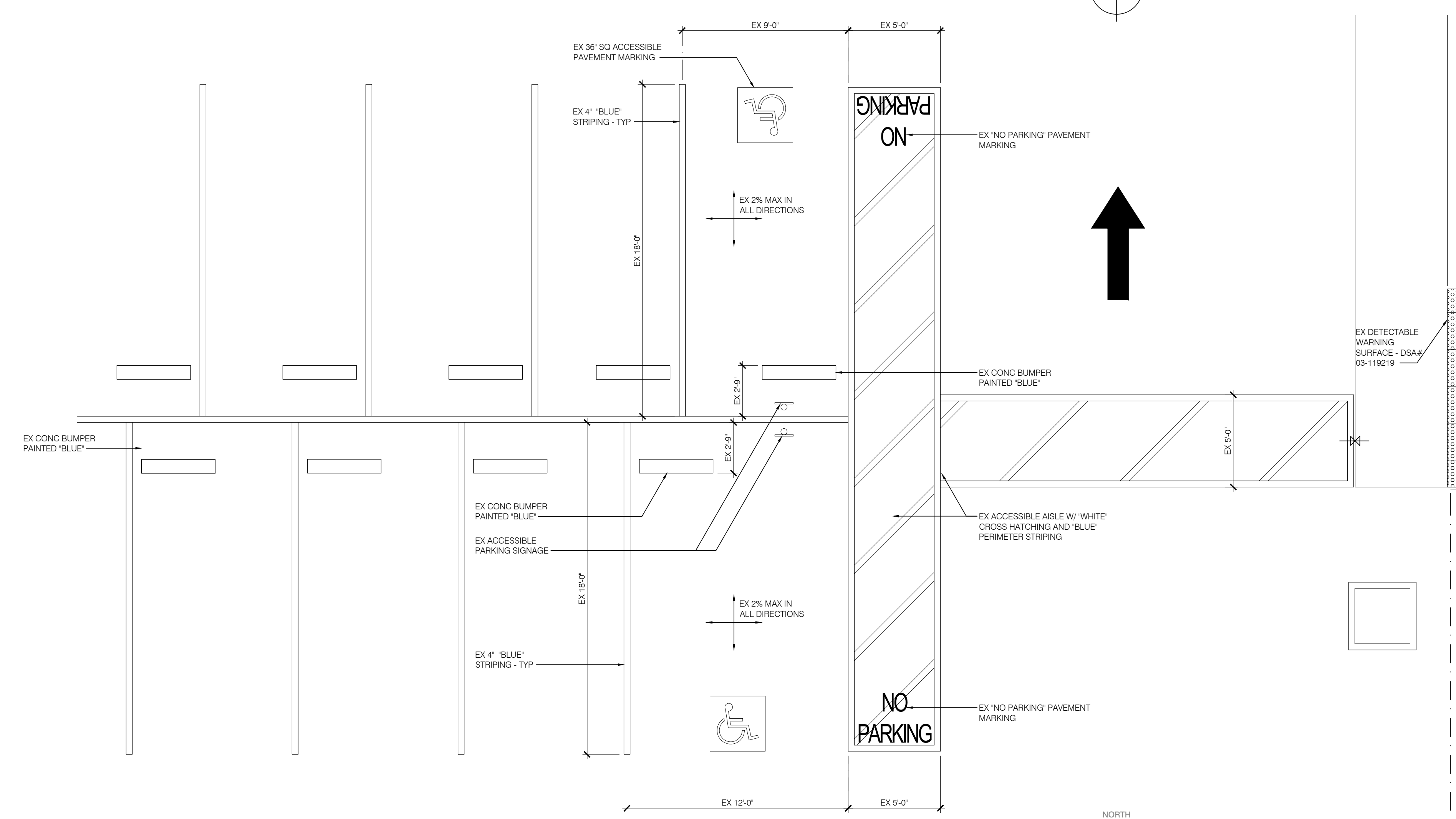
**PARTIAL SITE PLAN AND PATH OF TRAVEL**

**A1.20**



**A. Mechanical Yard Plan**

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



**B. Accessible Parking**

Scale: 1/4" = 1'-0" EX ACCESSIBLE PARKING : A#03-119219

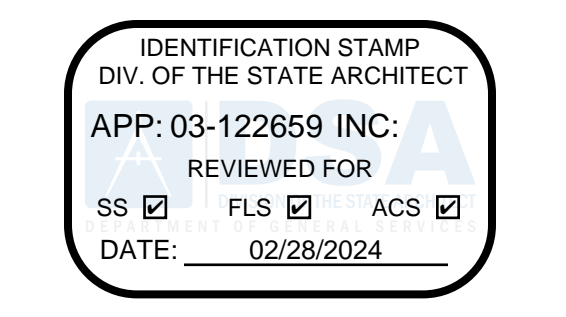
**GENERAL SITE PLAN NOTES**

- REFER TO CIVIL, PLUMBING AND ELECTRICAL DRAWINGS FOR UNDERGROUND UTILITIES.
- PRIOR TO ANY UNDERGROUND SITE WORK, VERIFY LOCATION OF ALL EX UTILITIES W/ UNDERGROUND SERVICE ALERT (U.S.A.).
- CONC SHALL BE REMOVED TO THE NEAREST EX JOINT UNO. VER EXTENT OF CONC DEMO PRIOR TO START OF WORK.
- REFER TO FLOOR AND ROOF DEMO PLANS FOR ADDITIONAL INFORMATION NOT SHOWN HERE.
- ALL EXISTING ITEMS NOTED FOR REMOVAL TO BE PROTECTED IN PLACE.
- CONTRACTOR TO COMPLY W/ SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT REQUIREMENTS FOR RULE 9510 INDIRECT SOURCE REVIEW (ISR).
- SEE DTL. (A1.10) FOR UNDERGROUND UTILITIES.

**SITE PLAN KEYNOTES**

NOTE: NOT ALL KEYNOTES ARE USED ON SHEETS A1.20 AND A1.21

- (K1) 2 1/2" TH AC PAVING OVER 1" CLASS II AGGREGATE BASE
- (K2) EXISTING PAVING TO REMAIN
- (K3) EXISTING ACCESSIBLE CONCRETE RAMP, LANDING AND RAILING TO REMAIN - VERIFIED TO MEET 2019 CBC 11B
- (K4) EXISTING MECH CONC PEDESTALS TO REMAIN - PATCH CONC FLUSH
- (K5) EXISTING RAMP AND HANDRAILS - A# NOTED AT EACH LOCATION
- (K6) EXISTING GATE WITH PANIC HARDWARE AND KICKPLATE VERIFIED TO MEET 2019 CBC - 11B REQUIREMENTS
- (K7) EXISTING GATE WITH NEW SIGN CONTROLLED ENTRY SIGN



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**CAMPUS HVAC SYSTEM UPGRADE & SITE IMPROVEMENTS**

**Mt Vernon Elementary School**  
2161 Potomac Ave, Bakersfield, CA 93307  
Bakersfield City School District

ARCHITECT



JAMES PATRICK FOGARTY, AIA  
ARCHITECT © 1967-0

CONSULTANT

**PROJECT INFO**

Project No	566-0015
Date	10.12.23
DSA File No	15-6
DSA No	03-122659

**REVISIONS**

No	Date	Item

**ACCESSIBLE PATH OF TRAVEL (P.O.T.)**

--- ACCESSIBLE PATH OF TRAVEL (P.O.T.) AS INDICATED ON PLAN IS A BARRIER FREE ACCESS WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" AT 12" MAXIMUM SLOPE. EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL. POT IS A MINIMUM OF 48" WIDE SLIP RESISTANT SURFACE WITH 1% MAX SLOPE AND 2% MAX CROSS SLOPE. TYP. THERE IS NO DROP-OFF OVER 4" AT THE EDGE OF WALK OR LANDING.

SEE ENLARGED PLANS FOR MORE INFORMATION.  
DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS AS PART OF THE DESIGN OF THIS PROJECT. THE P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NON-COMPLIANT WITH THE CBC HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NON-COMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARSHNESS ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NON-COMPLYING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF THE ADDITION PARTNERSHIP. ALL DESIGNS AND DRAWINGS ARE FOR THE USE ON THE SPECIFIED PROJECT AND SHALL NOT BE USED ON OTHERS WITHOUT THE EXPRESSED WRITTEN PERMISSION OF THE ADDITION 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.  
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PARTIAL SITE PLAN

**A1.21**

17-04-03

INTERIOR FINISH SCHEDULE

Table with columns: Floor, Base, Walls, Finish. Rows include 1 EXISTING CARPET, 2 EXISTING CONCRETE, 3 CARPET, 4 COVED BASE.

DOOR SCHEDULE

Table with columns: Typical Details, Door, Remarks. Rows include DOOR THRESHOLD, TYPICAL DOOR SIGN INSTALLATION.

ACCESSORY SCHEDULE

Table with columns: Typical Details, Description, Mtg Ht, Dtls. Rows include TYPICAL BACKING AT SURFACE MTD ACCESSORY, TYPICAL ACCESSORY MOUNTING HEIGHTS.

Table with columns: No, Room, Floor, Base, Walls (North, East, South, West, Wans), JAMB/ TRM, Remarks.

Building B - Classroom schedule with columns: No, Room, Floor, Base, Walls, JAMB/ TRM, Remarks.

Building C - Classroom schedule with columns: No, Room, Floor, Base, Walls, JAMB/ TRM, Remarks.

Building D - Classroom schedule with columns: No, Room, Floor, Base, Walls, JAMB/ TRM, Remarks.

Building E - Classroom and Resource Room schedule with columns: No, Room, Floor, Base, Walls, JAMB/ TRM, Remarks.

General Interior Finish Notes - List of notes regarding finish installation, patching, and sealant requirements.

General Door Notes - List of notes regarding door operation, latching, and hardware specifications.

Accessories schedule table with columns: No, Mfr/Model No, Description, Mtg Ht, Dtls.

JOINT SEALANT SCHEDULE

Table with columns: No, Joint Sealant, Description. Rows include TWO-PART POLYSULFIDED POUABLE SEALANT, ONE-PART MILDREW RESISTANT SILICONE SEALANT.

DOOR TYPE SCHEDULE

Table with columns: (A) NOT USED, (B) NOT USED, (C) NOT USED.

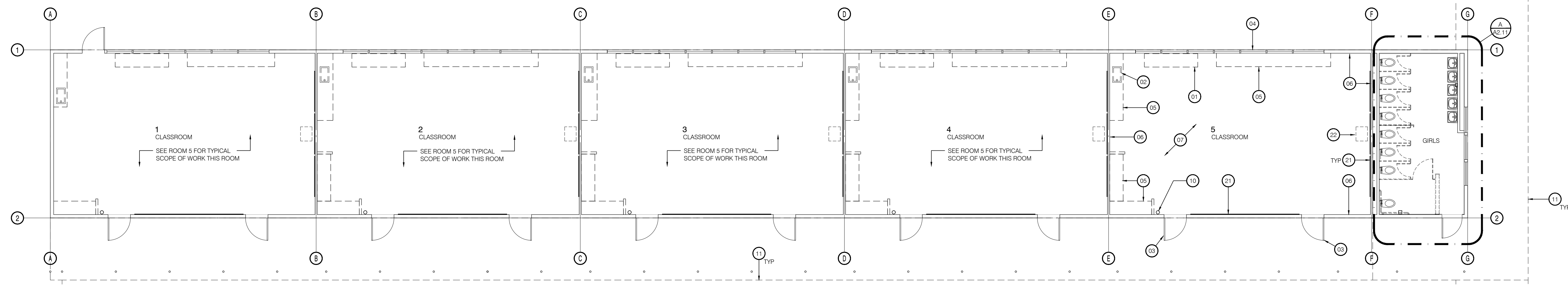
ARCHITECT - oip architects logo and contact information: 3434 Truxtun Avenue, Suite 240, Bakersfield, California 93301.

ARCHITECT - LICENSED ARCHITECT JAMES PATRICK FOGARTY, AIA ARCHITECT ©-1987-0.

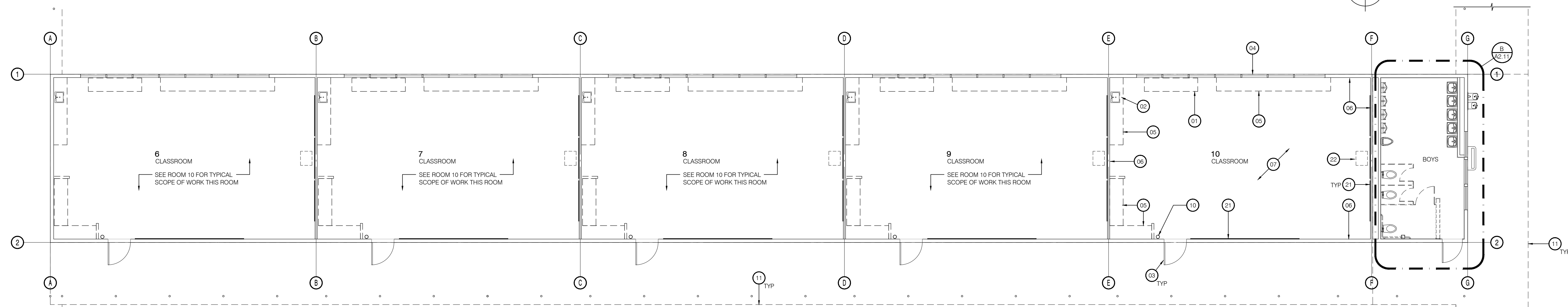
CONSULTANT - PROJECT INFO table with columns: Project No, Date, DSA File No, DSA No.

REVISIONS table with columns: No, Date, Item.

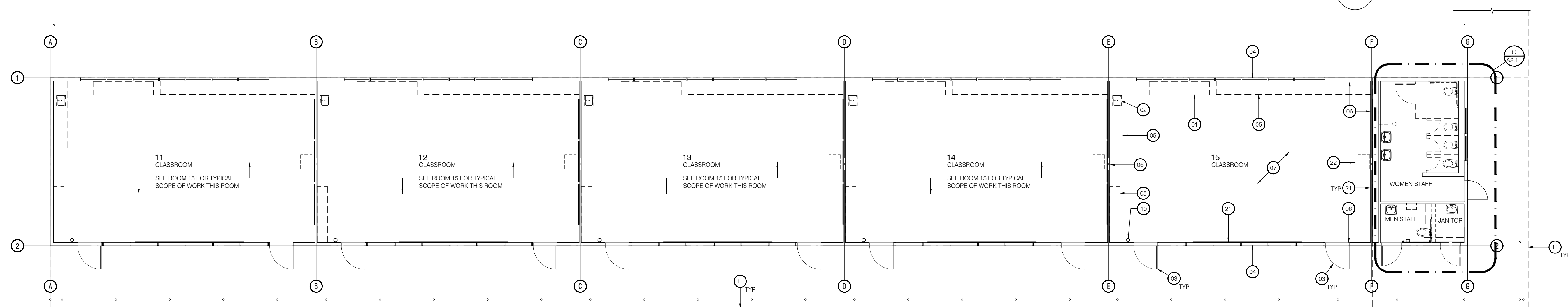
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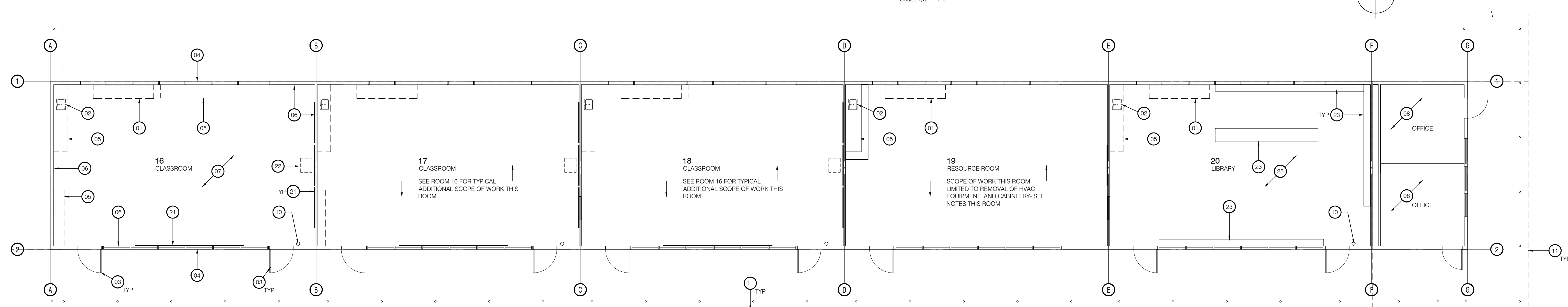
**1. Demolition Floor Plan (Building B)**  
Scale: 1/8" = 1'-0"



**2. Demolition Floor Plan (Building C)**  
Scale: 1/8" = 1'-0"



**3. Demolition Floor Plan (Building D)**  
Scale: 1/8" = 1'-0"



**4. Demolition Floor Plan (Building E)**  
Scale: 1/8" = 1'-0"

**DEMOLITION LEGEND**

Line Style	Description
—	EX WALL TO REMAIN
- - - - -	EX WALL TO BE REMOVED
- · - · - ·	EX ITEM TO BE REMOVED (DASHED LINE)

17-02-10

**GENERAL DEMOLITION NOTES**

- SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION ON ITEMS TO BE REMOVED.
- REMOVE EX ANCHORS, CONNECTORS, FASTENERS ETC. AT ITEMS INDICATED TO BE REMOVED.
- REMOVE AND SALVAGE EX FLOOR MTD. DOOR STOPS AT FLOORING INDICATED TO BE REMOVED.
- REMOVE AND SALVAGE EX DOOR THRESHOLDS AT FLOORING INDICATED TO BE REMOVED.
- REMOVE EX ELECTRICAL CONDUIT, BOXES AND DEVICES AT WALLS INDICATED TO BE REMOVED-SEE ELEC SHTS FOR ADDITIONAL INFO.
- REMOVE EX UTILITY LINES AT WALLS INDICATED TO BE REMOVED-SEE MECH/PLB SHTS FOR ADDITIONAL INFO.
- SEE REFLECTED CLG PLAN FOR ADDITIONAL INFORMATION ON ITEMS TO BE REMOVED.
- SEE REFLECTED CLG PLAN FOR ADDITIONAL INFORMATION ON ITEMS TO BE REMOVED BY OWNER PRIOR TO CONSTRUCTION UNO.
- EX EMS DEVICES AND CONDUITS TO BE REMOVED BY OWNERS CONTROL CONTRACTOR.
- GRIND EX CONC FLOOR AS REQ TO RECEIVE FLOOR FINISHES.
- EXISTING ROOM SIGNAGE TO BE SALVAGED AND DELIVERED TO OWNER INCLUDING EXT DOOR SIGNAGE WH OCCURS.
- EQUIPMENT, MATERIALS AND SUPPLIES TEMPORARILY REMOVED FOR PROTECTION SHALL BE REPLACED IN ORIGINAL LOCATIONS. ANY MATERIALS DAMAGED SHALL BE REPLACED WITH NEW MATERIALS OF LIKE KIND AND QUALITY.
- CAREFULLY PROTECT ALL WALLS, TRIM, FLOORS, EQUIPMENT, UTILITY LINES AND MATERIALS. WHEN WORKING ON FINISHED SURFACES, LIMIT DAMAGE TO THE SMALLER AREA IF POSSIBLE AND RESTORE TO THE ORIGINAL CONDITION ALL SURFACES WHICH ARE DAMAGED BECAUSE OF THE INSTALLATION OF THIS WORK.
- EX DOOR HARDWARE TO BE SALVAGED AND DELIVERED TO OWNER WHERE INDICATED TO BE REMOVED.
- SEE ELEC, MECH, AND PLB SHTS FOR ADDITIONAL DEMOLITION REQS.
- REMOVE WOOD TRIM AND BATTENS AS REQUIRED FOR INSTALLATION OF VTS AND CEILING- SEE FLOOR PLANS AND INTERIOR ELEVATIONS.

17-02-10

**DEMOLITION FLOOR PLAN KEYNOTES**

- NOTE: NOT ALL KEYNOTES ARE LISTED ON SHEETS 4.10 AND 4.11
- (A) REMOVE EXISTING HVAC EQUIPMENT, WALL LOUVER AND ASSOCIATED PIPING. SEE MECHANICAL SHEETS FOR MORE INFORMATION. SEE SITE PLAN FOR ADDITIONAL WORK AT EXTERIOR.
  - (B) REMOVE EXISTING PLUMBING FIXTURE, HARDWARE AND ASSOCIATED PIPING. SEE MECHANICAL SHEETS FOR MORE INFORMATION - SALVAGE FOR REINSTALLATION WHERE NOTED.
  - (C) EXISTING DOOR HARDWARE TO REMAIN. HARDWARE VERIFIED BY AOR TO COMPLY WITH CBC 11B. REMOVE AND REINSTALL EXISTING DOOR THRESHOLD TO PERFORM FLOORING WORK. SEE FINISH SCHEDULE FOR MORE INFORMATION.
  - (D) EXISTING WINDOWBLINDS TO REMAIN
  - (E) REMOVE EXISTING CABINET(S), SHELF, BACKSLASH, RETURN AND ASSOCIATED HARDWARE. PATCH WALL AS REQUIRED FOR NEW WALL FINISH. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.
  - (F) EXISTING WALL. SEE INTERIOR ELEVATIONS/ FINISH SCHEDULE FOR INFORMATION REGARDING WALL FINISH. REMOVE/PATCH EXISTING WALL FINISH AS REQUIRED TO COMPLETE ALTERATIONS. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.
  - (G) REMOVE EXISTING CARPET, ADHESIVE AND BASE. PREP FOR NEW FLOORING
  - (H) NO SCOPE OF WORK THIS ROOM
  - (I) NOT USED
  - (J) EXISTING FIRE EXTINGUISHER TO REMAIN. FIELD VERIFY EXISTING SPECIFIC LOCATION PER CLASSROOM - SEE FLOOR PLANS AND INTERIOR ELEVATIONS FOR REINSTALLATION LOCATION
  - (K) EXISTING ROOF OVERHANG TO REMAIN
  - (L) REMOVE EXISTING TOILET ACCESSORY AND ASSOCIATED ANCHORS
  - (M) REMOVE EXISTING PARTITION WALL, CURB, AND ASSOCIATED ANCHORS
  - (N) REMOVE EXISTING TOILET PARTITION SYSTEM AND ASSOCIATED HARDWARE
  - (O) REMOVE EXISTING TILE WALL FINISH AS REQUIRED TO COMPLETE ALTERATIONS. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.
  - (P) EXISTING PLUMBING FIXTURE TO REMAIN. VERIFIED BY AOR TO COMPLY WITH CBC 11B WHERE REQUIRED
  - (Q) REMOVE EXISTING DOOR, JAMB, THRESHOLD AND ASSOCIATED HARDWARE. INFILL WALL, INTERIOR/EXTERIOR FINISHES TO MATCH EXISTING ADJACENT
  - (R) NOT USED
  - (S) EXISTING DRINKING FOUNTAIN TO REMAIN. SEE PLANS FOR ADDITIONAL SCOPE OF WORK.
  - (T) EXISTING CONCRETE FLOOR TO REMAIN. GRIND/PATCH FLOOR TO MATCH EXISTING ADJACENT WHERE WALL/CURB IS TO BE REMOVED
  - (U) REMOVE HANGER BOARD/BLACK BOARD/ BULLETIN BOARD - DELIVER TO OWNER - TYP
  - (V) REMOVE OVERHEAD WALL MTD PROJECTOR AND COORDINATE DELIVERY TO OWNER
  - (W) EXISTING BOOK SHELVING TO REMAIN - PROTECT
  - (X) SAWOUT AND REMOVE EX CONC SLAB AS REQUIRED FOR SLAB ALTERATIONS
  - (Y) REMOVE EXISTING CARPET, ADHESIVE AND BASE (CUT CARPET AROUND EXISTING BOOK SHELVING TO REMAIN) - PREP FOR NEW FLOORING

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 03-122659 INC:  
REVIEWED FOR:  
SS  FLS  ACS   
DATE: 02/28/2024

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Bakersfield, California 93301  
tel | 661.327.1690 fax | 661.327.7204  
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**CAMPUS HVAC  
SYSTEM UPGRADE  
&  
SITE IMPROVEMENTS**

**Mt Vernon  
Elementary School**  
2161 Potomac Ave, Bakersfield, CA 93307  
Bakersfield City School District

ARCHITECT

JAMES PATRICK FOAGARTY, AIA  
ARCHITECT C-19670

CONSULTANT

**PROJECT INFO**

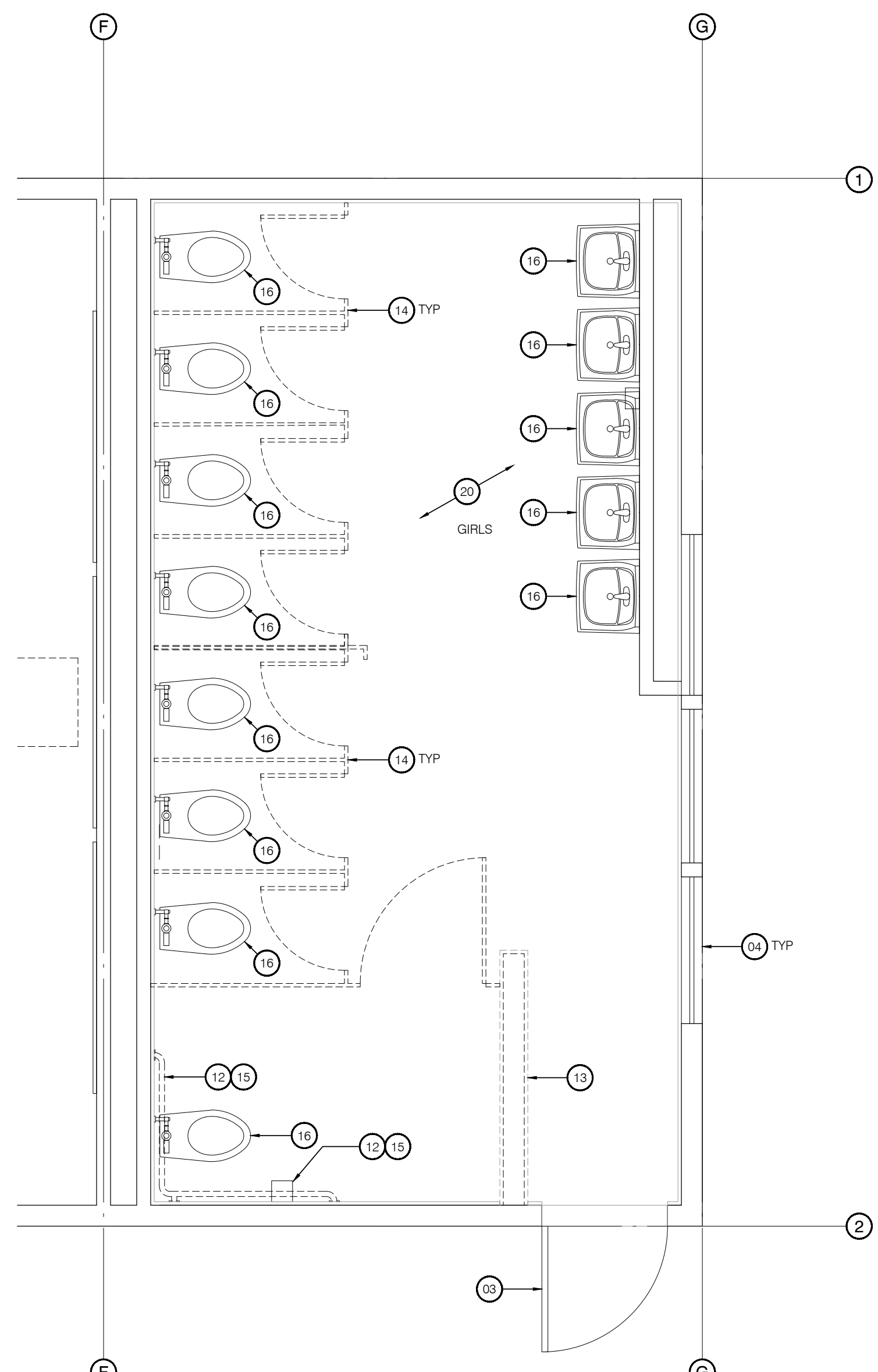
Project No	566-0015
Date	10.12.23
DSA File No	15-6
DSA No	03-122659

**REVISIONS**

No	Date	Item

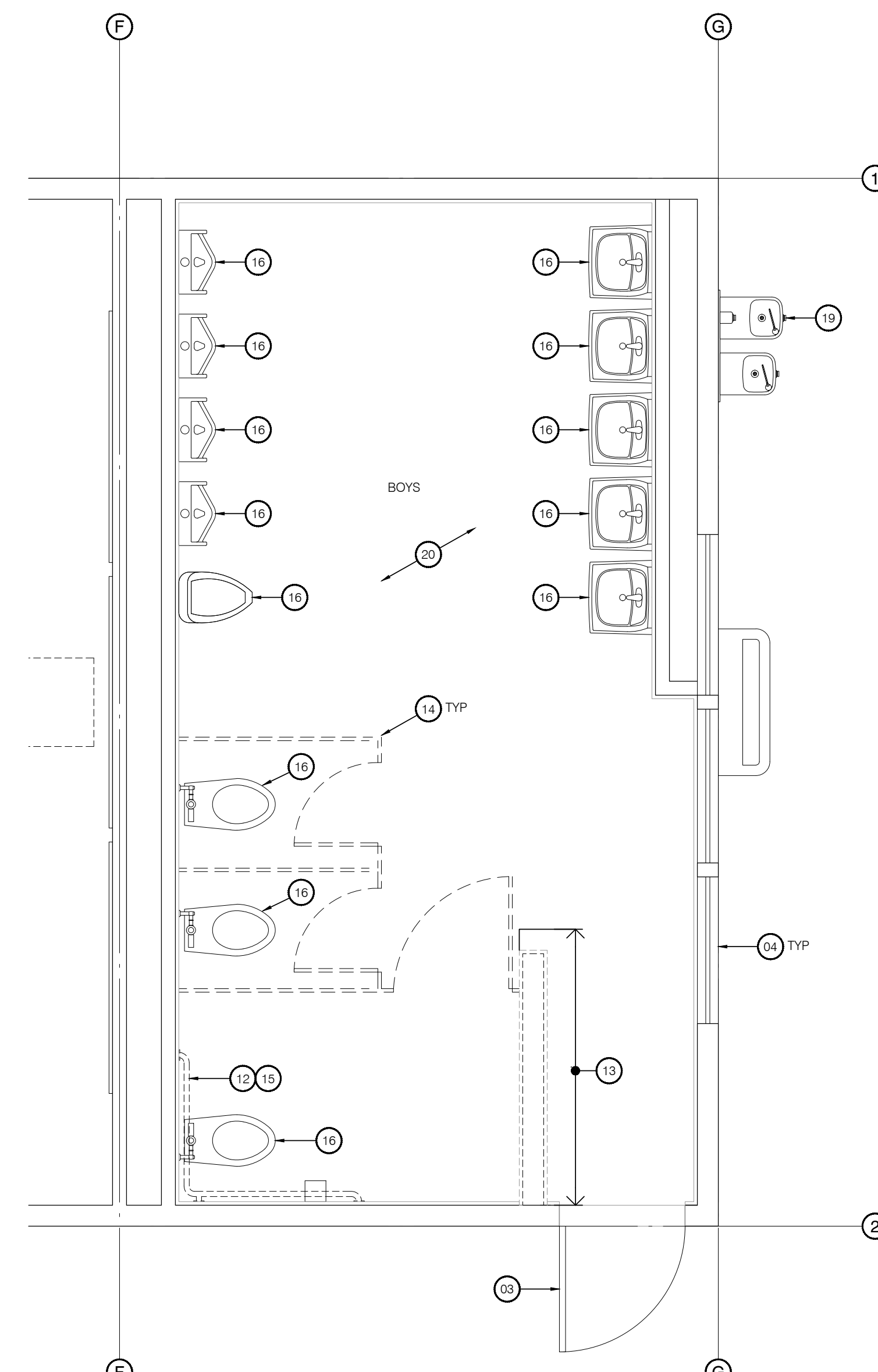
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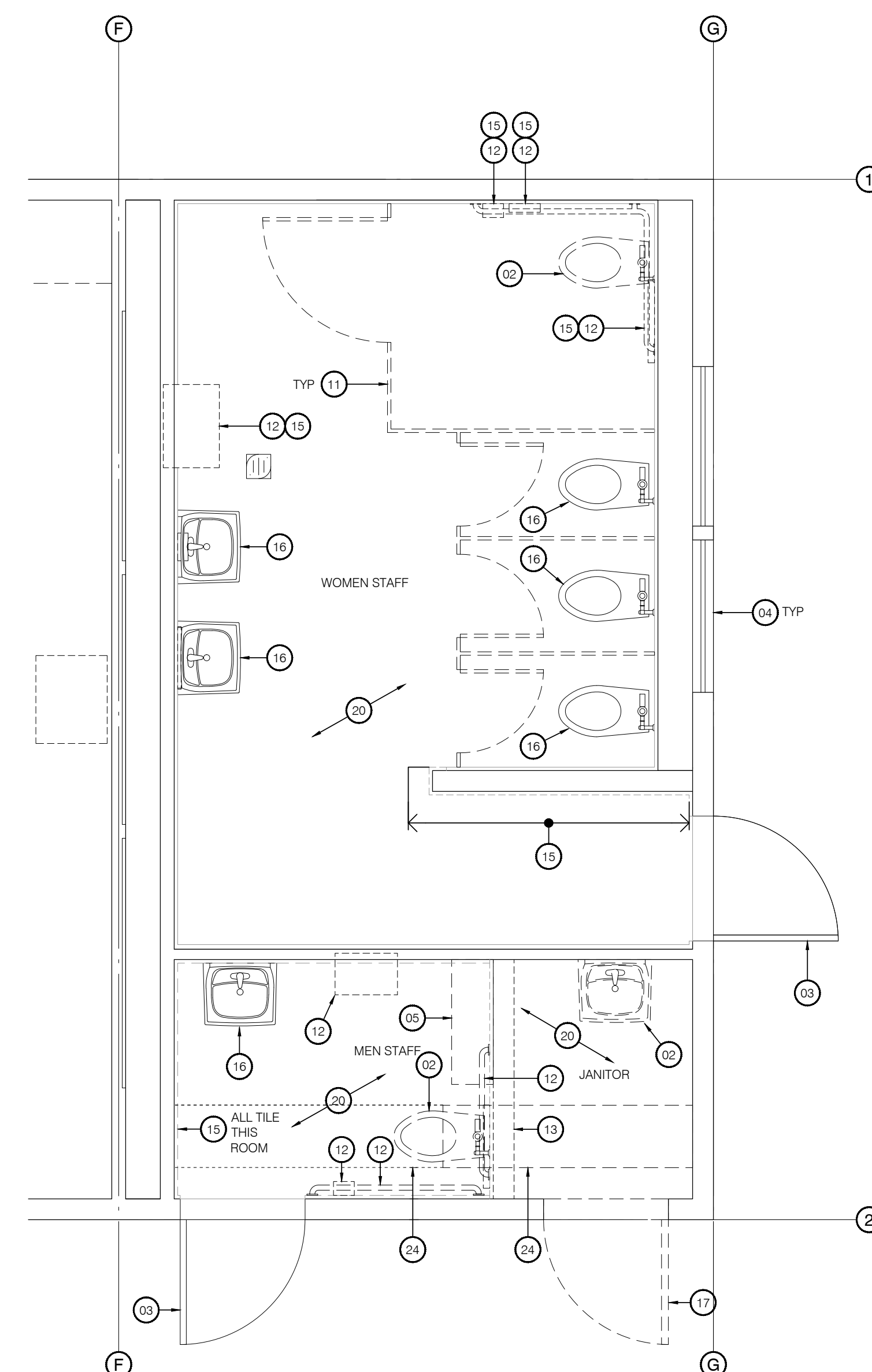
A. Partial Demolition Floor Plan - Building B

Scale: 3/8" = 1'-0"



B. Partial Demolition Floor Plan - Building C

Scale: 3/8" = 1'-0"



C. Partial Demolition Floor Plan - Building D

Scale: 3/8" = 1'-0"

**DEMOLITION LEGEND**

Line Style	Description
———	EX WALL TO REMAIN
- - - - -	EX WALL TO BE REMOVED
⋯⋯⋯	EX ITEM TO BE REMOVED (DASHED LINE)

17-02-10

**GENERAL DEMOLITION NOTES**

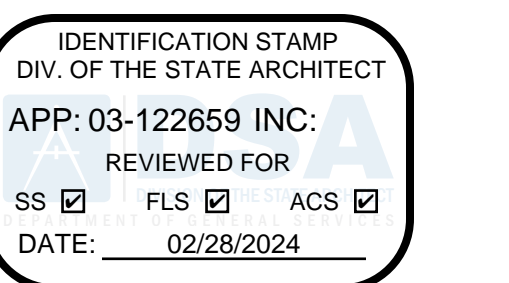
1. SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION ON ITEMS TO BE REMOVED.
2. REMOVE EX ANCHORS, CONNECTORS, FASTENERS ETC. AT ITEMS INDICATED TO BE REMOVED.
3. REMOVE AND SALVAGE EX FLOOR MTD DOOR STOPS AT FLOORING INDICATED TO BE REMOVED.
4. REMOVE AND SALVAGE EX DOOR THRESHOLDS AT FLOORING INDICATED TO BE REMOVED.
5. REMOVE EX ELECTRICAL CONDUIT, BOXES AND DEVICES AT WALLS INDICATED TO BE REMOVED-SEE ELEC SHTS FOR ADDITIONAL INFO.
6. REMOVE EX UTILITY LINES AT WALLS INDICATED TO BE REMOVED-SEE MECH PLBS SHTS FOR ADDITIONAL INFO.
7. SEE REFLECTED CLC PLAN FOR ADDITIONAL INFORMATION ON ITEMS TO BE REMOVED.
8. EXISTING ACCESSORIES LOCATED IN ROOMS TO BE REMOVED BY OWNER PRIOR TO CONSTRUCTION. UNO.
9. EX EMS DEVICES AND CONDUITS TO BE REMOVED BY OWNERS CONTROL CONTRACTOR.
10. GRIND EX CONC FLOOR AS REQ TO RECEIVE FLOOR FINISHES.
11. EXISTING ROOM SIGNAGE TO BE SALVAGED AND DELIVERED TO OWNER INCLUDING EXT DOOR SIGNAGE WH OCCURS.
12. EQUIPMENT, MATERIALS AND SUPPLIES TEMPORARILY REMOVED FOR PROTECTION SHALL BE REPLACED IN ORIGINAL LOCATIONS. ANY MATERIALS DAMAGED SHALL BE REPLACED WITH NEW MATERIALS OF LIKE KIND AND QUALITY.
13. CAREFULLY PROTECT ALL WALLS, TRIM, FLOORS, EQUIPMENT, UTILITY LINES AND MATERIALS WHEN WORKING ON FINISHED SURFACES. LIMIT DAMAGE TO THE SMALLER AREA IF POSSIBLE AND RESTORE TO THE ORIGINAL CONDITION ALL SURFACES WHICH ARE DAMAGED BECAUSE OF THE INSTALLATION OF THIS WORK.
14. EX DOOR HARDWARE TO BE SALVAGED AND DELIVERED TO OWNER WHERE INDICATED TO BE REMOVED.
15. SEE ELEC, MECH, AND PLBG SHTS FOR ADDITIONAL DEMOLITION REGS.
16. REMOVE WOOD TRIM AND BATTENS AS REQUIRED FOR INSTALLATION OF VTS AND CEILING - SEE FLOOR PLANS AND INTERIOR ELEVATIONS.

17-02-12

**DEMOLITION FLOOR PLAN KEYNOTES**

NOTE: NOT ALL KEYNOTES ARE LISTED ON THESE SHEETS. SEE SHEETS 49.10 AND 49.11

- (K1) REMOVE EXISTING HVAC EQUIPMENT, WALL LOUVER AND ASSOCIATED PIPING. SEE MECHANICAL SHEETS FOR MORE INFORMATION. SEE SITE PLAN FOR ADDITIONAL WORK AT EXTERIOR.
- (K2) REMOVE EXISTING PLUMBING FIXTURE, HARDWARE AND ASSOCIATED PIPING. SEE MECHANICAL SHEETS FOR MORE INFORMATION. SALVAGE FOR REINSTALLATION WHERE NOTED.
- (K3) EXISTING DOOR HARDWARE TO REMAIN. HARDWARE VERIFIED BY AOR TO COMPLY WITH CBC 11B. REMOVE AND REINSTALL EXISTING DOOR THRESHOLD TO PERFORM FLOORING WORK. SEE FINISH SCHEDULE FOR MORE INFORMATION.
- (K4) EXISTING WINDOWBLINDS TO REMAIN
- (K5) REMOVE EXISTING CABINET(S), SHELF, BACKSPLASH, RETURN AND ASSOCIATED HARDWARE. PATCH WALL AS REQUIRED FOR NEW WALL FINISH. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.
- (K6) EXISTING WALL. SEE INTERIOR ELEVATIONS/ FINISH SCHEDULE FOR INFORMATION REGARDING WALL FINISH. REMOVE/PATCH EXISTING WALL FINISH AS REQUIRED TO COMPLETE ALTERATIONS. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.
- (K7) REMOVE EXISTING CARPET, ADHESIVE AND BASE. PREP FOR NEW FLOORING
- (K8) NO SCOPE OF WORK THIS ROOM
- (K9) NOT USED
- (K10) EXISTING FIRE EXTINGUISHER TO REMAIN. FIELD VERIFY EXISTING SPECIFIC LOCATION PER CLASSROOM. SEE FLOOR PLANS AND INTERIOR ELEVATIONS FOR REINSTALLATION LOCATION
- (K11) EXISTING ROOF OVERHANG TO REMAIN
- (K12) REMOVE EXISTING TOILET ACCESSORY AND ASSOCIATED ANCHORS
- (K13) REMOVE EXISTING PARTITION WALL, CURB, AND ASSOCIATED ANCHORS
- (K14) REMOVE EXISTING TOILET PARTITION SYSTEM AND ASSOCIATED HARDWARE
- (K15) REMOVE EXISTING TILE WALL FINISH AS REQUIRED TO COMPLETE ALTERATIONS. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.
- (K16) EXISTING PLUMBING FIXTURE TO REMAIN. VERIFIED BY AOR TO COMPLY WITH CBC 11B WHERE REQUIRED
- (K17) REMOVE EXISTING DOOR, JAMB, THRESHOLD AND ASSOCIATED HARDWARE. INFL WALL, INTERIOR/EXTERIOR FINISHES TO MATCH EXISTING ADJACENT
- (K18) NOT USED
- (K19) EXISTING DRINKING FOUNTAIN TO REMAIN. SEE PLANS FOR ADDITIONAL SCOPE OF WORK.
- (K20) EXISTING CONCRETE FLOOR TO REMAIN. GRIND/PATCH FLOOR TO MATCH EXISTING ADJACENT WHERE WALL/CURB IS TO BE REMOVED
- (K21) REMOVE MARKER BOARD/BLACK BOARD/ BULLETIN BOARD - DELIVER TO OWNER - TYP
- (K22) REMOVE OVERHEAD WALL MTD PROJECTOR AND COORDINATE DELIVERY TO OWNER
- (K23) EXISTING BOOK SHELVING TO REMAIN - PROTECT
- (K24) SAWCUT AND REMOVE EX CONC SLAB AS REQUIRED FOR SLAB ALTERATIONS
- (K25) REMOVE EXISTING CARPET, ADHESIVE AND BASE (CUT CARPET AROUND EXISTING BOOK SHELVING TO REMAIN) - PREP FOR NEW FLOORING



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**CAMPUS HVAC SYSTEM UPGRADE & SITE IMPROVEMENTS**

**Mt Vernon Elementary School**  
2161 Potomac Ave. Bakersfield, CA 93307  
Bakersfield City School District

**ARCHITECT**



**CONSULTANT**

**PROJECT INFO**

Project No	566-0015
Date	10.12.23
DSA File No	15-6
DSA No	03-122659

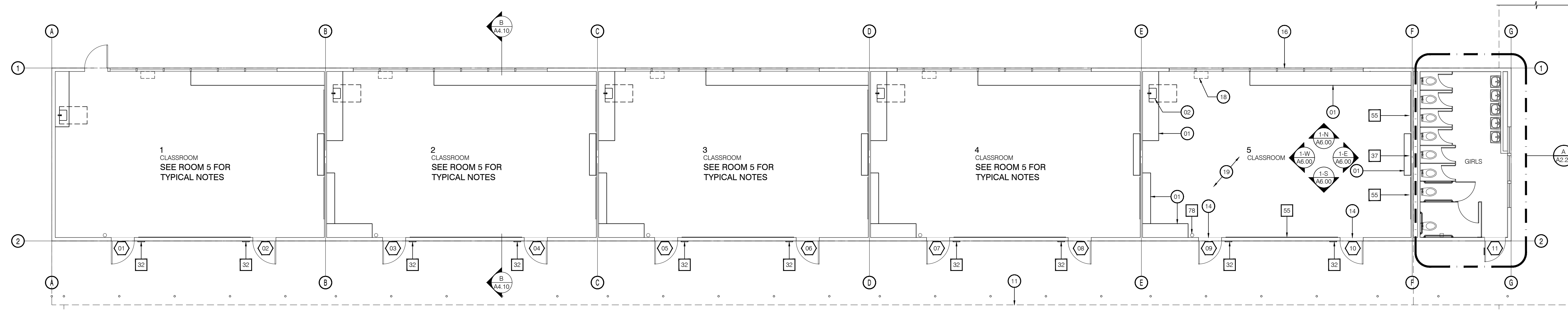
**REVISIONS**

No	Date	Item

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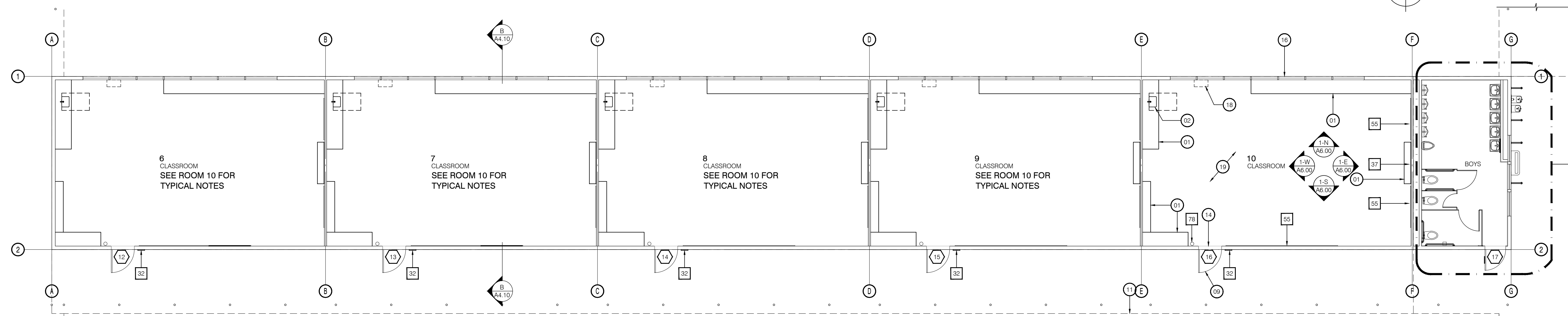
**PARTIAL DEMOLITION FLOOR PLANS**

**A2.11**



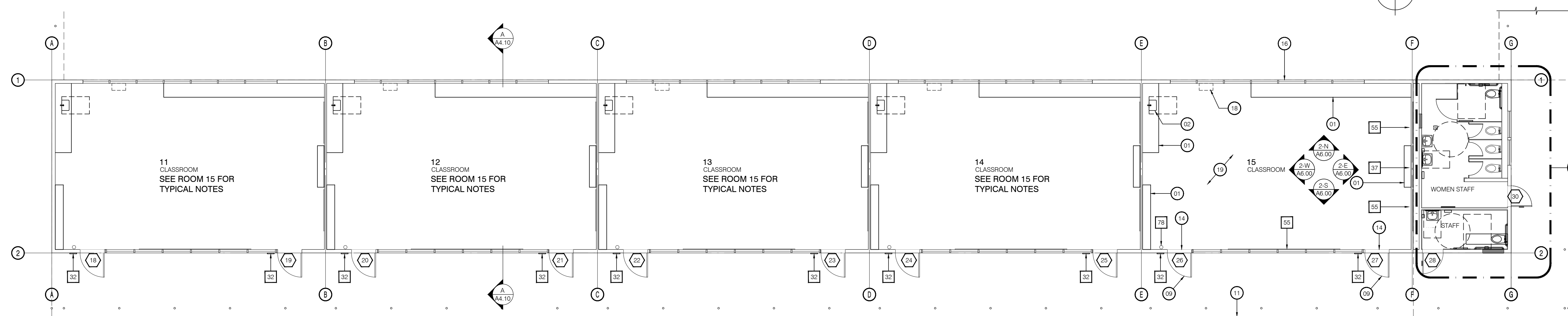
A. Floor Plan (Building B)

Scale: 1/8" = 1'-0"



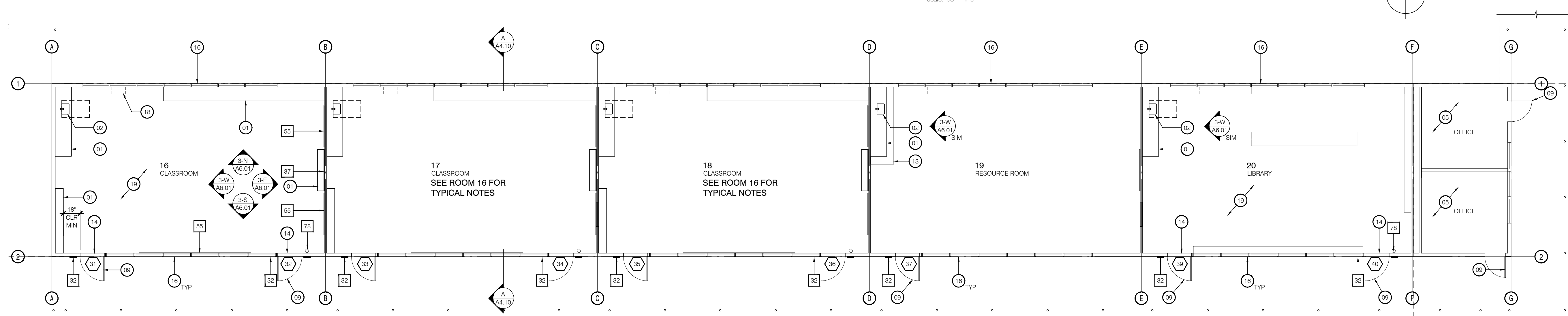
B. Floor Plan (Building C)

Scale: 1/8" = 1'-0"



C. Floor Plan (Building D)

Scale: 1/8" = 1'-0"



D. Floor Plan (Building E)

Scale: 1/8" = 1'-0"

GENERAL FLOOR PLAN NOTES

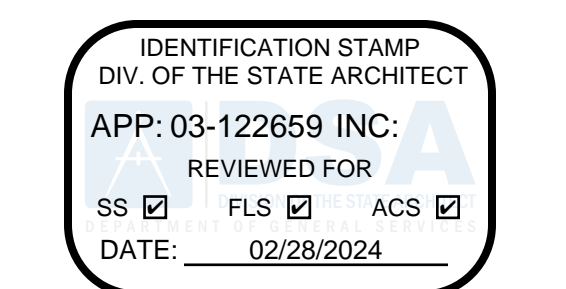
- PATCH WALL AND CEILING PENETRATIONS FLUSH TO MATCH ADJACENT FINISH WHERE ITEMS INDICATED TO BE REMOVED. RATED WALLS TO BE PATCHED OR SEALED W/ MATERIALS TO MAINTAIN REQUIRED WALL RATINGS.
- SEAL EX HVAC DUCTWORK TO REMAIN IN AREA OF CONSTRUCTION PRIOR TO START OF CONSTRUCTION.
- PATCH WALL AND CLG FINISHES FLUSH TO MATCH ADJACENT FINISH WHERE EX MECH PLUGS AND ELEC ITEMS ARE INDICATED TO BE REMOVED IN EX WALLS AND CEILINGS.
- PATCH CONIC FLOOR FLUSH TO MATCH ADJACENT FINISH WHERE ITEMS INDICATED TO BE REMOVED.
- REINSTALL EX SALVAGED FLOOR MTD DOOR STOPS AT EX DOORS TO REMAIN LINO.
- REINSTALL EX SALVAGED DOOR THRESHOLDS AT EX DOORS TO REMAIN LINO.
- RESEAL PERIMETER OF EX EXTERIOR DOOR AND WINDOW FRAMES W/ EX SEALANT.
- SEE DTL 45 FOR TYP WALL INFILL AT EXISTING WALL.
- SEE DTL 36 FOR TYP BACKING AT SURFACE MTD ACCESSORY.
- SEE DTL 46 FOR TYP RECESSED ACCESSORY FRMG.
- SEE DTL 22 FOR TYP ACCESSORY MTG HEIGHTS.
- SEE DTL 15 FOR TYP DOOR SIGN INSTALLATION.
- SEE DTL 56 FOR TYP SEMI-AMBULATORY STALL AND ACCESSORIES.

FLOOR PLAN LEGEND

Line Style	Description	Detail
	EX 2x WD STUD AT 16" OC	45 (A6.07)
	2x WD STUD AT 16" OC	45 (A6.07)

FLOOR PLAN KEYNOTES

- NOTE: NOT ALL KEYNOTES ARE USED ON SHEETS A2.20 AND A2.21
- CABINETS, SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.
  - COUNTER MOUNTED ACCESSIBLE SINK/FAUCET, SEE PLUMBING SHEETS FOR MORE INFORMATION.
  - EXISTING DOOR WITH NEW HARDWARE - NO LATCH PROVIDED.
  - EXISTING NON-ACCESSIBLE PLUMBING FIXTURE TO REMAIN.
  - NO SCOPE OF WORK THIS ROOM.
  - NEW FLOOR MOUNTED WATER CLOSET AND FLUSH VALVE, SEE PLUMBING SHEETS FOR MORE INFORMATION.
  - EXISTING FLOOR DRAIN TO REMAIN.
  - EXISTING TOILET ACCESSORY TO REMAIN.
  - EXISTING DOOR TO REMAIN.
  - NOT USED.
  - EXISTING ROOF OVERHANG TO REMAIN.
  - NOT USED.
  - PATCH CARPET/WALL BASE AS REQUIRED AT REMOVED EQUIPMENT, PATCH WALL AS REQUIRED AND PAINT TO MATCH ADJACENT EXISTING FINISH.
  - REMOVE AND REINSTALL EXISTING DOOR THRESHOLD FOR NEW FLOORING WORK, EXISTING THRESHOLD HAS BEEN VERIFIED BY AOR TO COMPLY WITH CBC 11B.
  - EXISTING CONCRETE FLOOR TO REMAIN, PATCH/GROUND AS REQUIRED WHERE DEMOLITION WORK WAS PERFORMED TO MATCH ADJACENT EXISTING TEXTURE AND FINISH.
  - EXISTING WINDOW TO REMAIN.
  - NOT USED.
  - CONCRETE SLAB INFILL AT REMOVED EQUIPMENT UTILITY TRENCH.
  - NEW CARPET AND WALL BASE, SEE FINISH SCHEDULE FOR MORE INFORMATION.
  - EXISTING FLOOR MOUNTED TOILET WITH TOILET SEAT AT +17" AND TOUCHLESS FLUSH VALVE, VERIFIED BY AOR TO COMPLY WITH CBC 11B.
  - EXISTING WALL MOUNTED URINAL WITH RIM AT +17" AND TOUCHLESS FLUSH VALVE, VERIFIED BY AOR TO COMPLY WITH CBC 11B.
  - NOT USED.
  - EXISTING WALL MOUNTED SINK WITH FAUCET AT +34" MAX AND +29" MIN CLEARANCE, VERIFIED BY AOR TO COMPLY WITH CBC 11B.
  - NOT USED.
  - NOT USED.
  - NOT USED.
  - EXISTING ACCESSIBLE DUAL HEIGHT DRINKING FOUNTAIN TO REMAIN, SEE PLANS FOR ADDITIONAL SCOPE OF WORK.



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Mt Vernon Elementary School  
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Bakersfield City School District

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CONSULTANT

PROJECT INFO

Project No	566-0015
Date	10.12.23
DSA File No	15-6
DSA No	03-122659

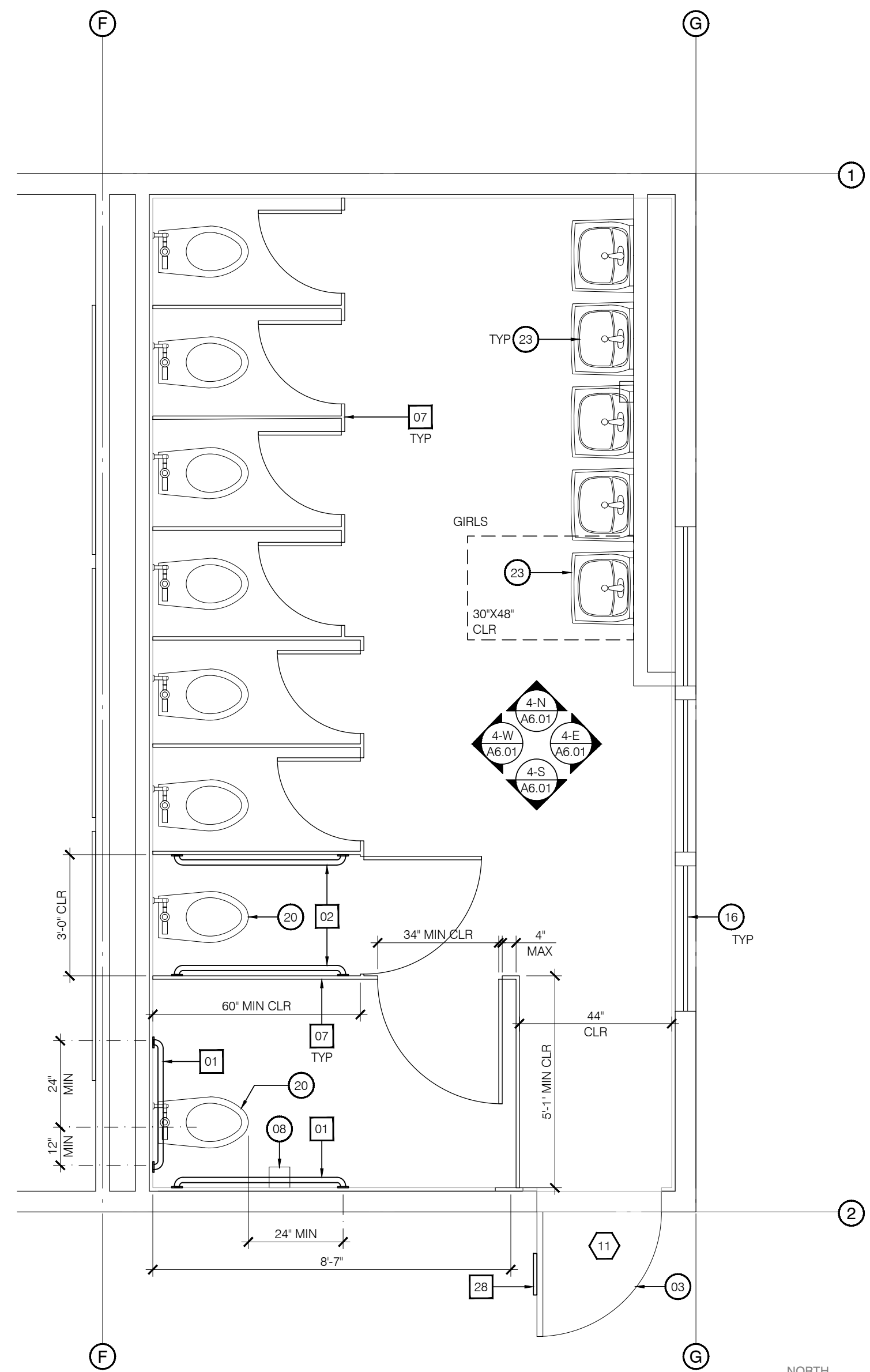
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No	Date	Item

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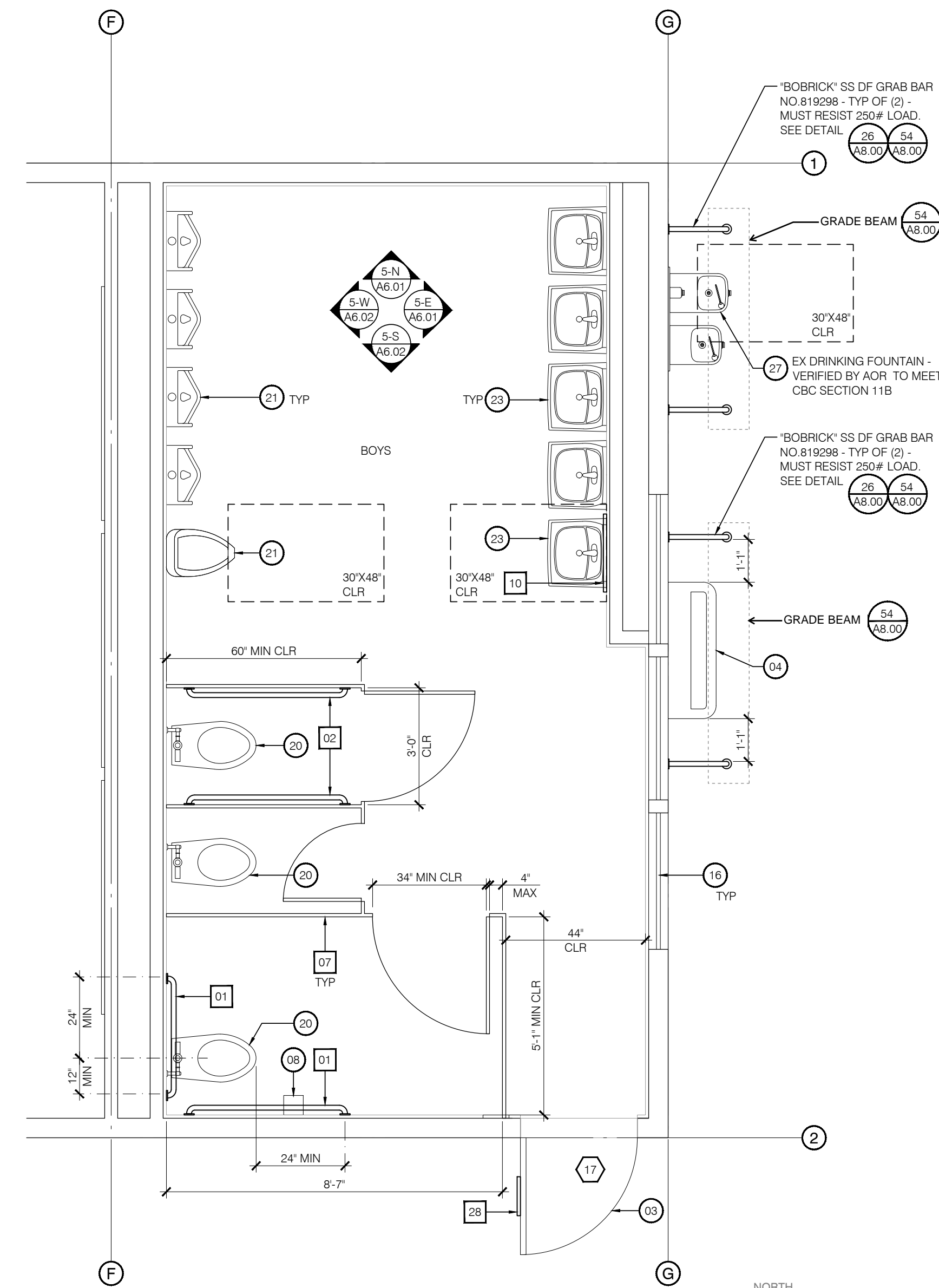
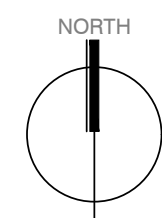
FLOOR PLANS

A2.20



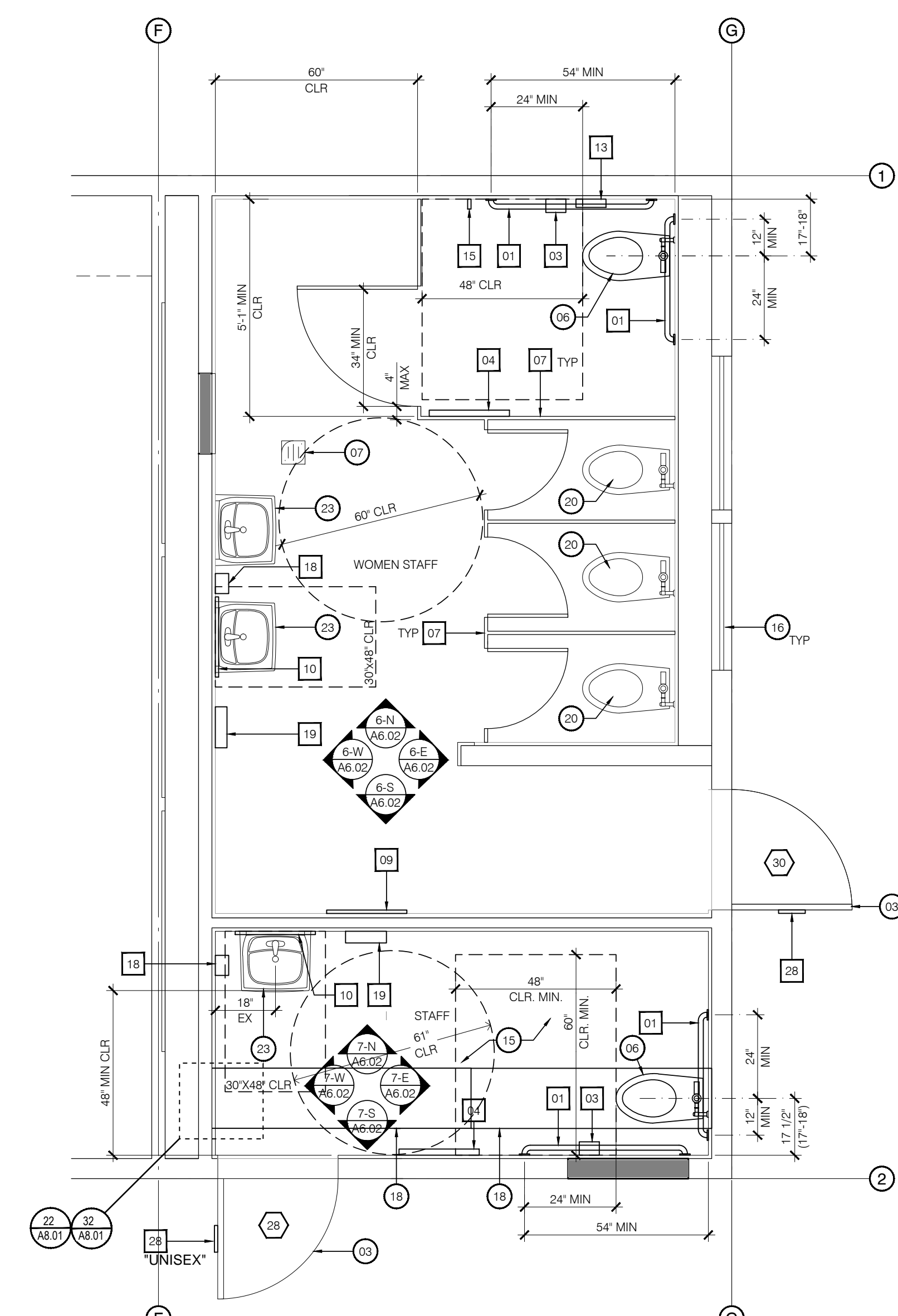
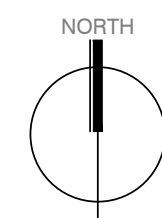
A. Partial Floor Plan - Building B

Scale: 3/8" = 1'-0"



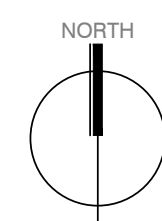
B. Partial Floor Plan - Building C

Scale: 3/8" = 1'-0"



C. Partial Floor Plan - Building D

Scale: 3/8" = 1'-0"



**GENERAL FLOOR PLAN NOTES**

- PATCH WALL AND CEILING PENETRATIONS FLUSH TO MATCH ADJACENT FINISH WHERE ITEMS INDICATED TO BE REMOVED. RATED WALLS TO BE PATCHED OR SEALED W/ MATERIALS TO MAINTAIN REQUIRED WALL RATING.
- SEAL EX HVAC DUCTWORK TO REMAIN IN AREA OF CONSTRUCTION PRIOR TO START OF CONSTRUCTION.
- PATCH WALL AND CLG FINISHES FLUSH TO MATCH ADJACENT FINISH WHERE EX MECH PLUMB AND ELEC ITEMS ARE INDICATED TO BE REMOVED IN EX WALLS AND CEILINGS.
- PATCH CONC FLOOR FLUSH TO MATCH ADJACENT FINISH WHERE ITEMS INDICATED TO BE REMOVED.
- REINSTALL EX SALVAGED FLOOR MTD DOOR STOPS AT EX DOORS TO REMAIN LINO.
- REINSTALL EX SALVAGED DOOR THRESHOLDS AT EX DOORS TO REMAIN LINO.
- RESEAL PERIMETER OF EX EXTERIOR DOOR AND WINDOW FRAMES W/ EX SEALANT.
- SEE DTL (45) FOR TYP WALL INFILL AT EXISTING WALL.
- SEE DTL (36) FOR TYP BACKING AT SURFACE MTD ACCESSORY.
- SEE DTL (46) FOR TYP RECESSED ACCESSORY FRMG.
- SEE DTL (22) FOR TYP ACCESSORY MTG HEIGHTS.
- SEE DTL (15) FOR TYP DOOR SIGN INSTALLATION.
- SEE DTL (56) FOR TYP SEMI-AMBULATORY STALL AND ACCESSORIES.

**FLOOR PLAN LEGEND**

Line Style	Description	Detail
(Solid line)	EX 2x WD STUD AT 16" OC	(45) (48.07)
(Dashed line)	2x WD STUD AT 16" OC	(45) (48.07)

**FLOOR PLAN KEYNOTES**

- NOTE: NOT ALL KEYNOTES ARE USED ON SHEETS AS 20 AND 22
- CABINETRY, SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.
  - COUNTER MOUNTED ACCESSIBLE SINK/FAUCET, SEE PLUMBING SHEETS FOR MORE INFORMATION.
  - EXISTING DOOR WITH NEW HARDWARE - NO LATCH PROVIDED.
  - EXISTING NON-ACCESSIBLE PLUMBING FIXTURE TO REMAIN.
  - NO SCOPE OF WORK THIS ROOM.
  - NEW FLOOR MOUNTED WATER CLOSET AND FLUSH VALVE. SEE PLUMBING SHEETS FOR MORE INFORMATION.
  - EXISTING FLOOR DRAIN TO REMAIN.
  - EXISTING TOILET ACCESSORY TO REMAIN.
  - EXISTING DOOR TO REMAIN.
  - NOT USED.
  - EXISTING ROOF OVERHANG TO REMAIN.
  - NOT USED.
  - PATCH CARPET/WALL BASE AS REQUIRED AT REMOVED EQUIPMENT. PATCH WALL AS REQUIRED AND PAINT TO MATCH ADJACENT EXISTING FINISH.
  - REMOVE AND REINSTALL EXISTING DOOR THRESHOLD FOR NEW FLOORING WORK. EXISTING THRESHOLD HAS BEEN VERIFIED BY AOR TO COMPLY WITH CBC 11B.
  - EXISTING CONCRETE FLOOR TO REMAIN. PATCH/GRIND AS REQUIRED WHERE DEMOLITION WORK WAS PERFORMED TO MATCH ADJACENT EXISTING TEXTURE AND FINISH.
  - EXISTING WINDOW TO REMAIN.
  - NOT USED.
  - CONCRETE SLAB INFILL AT REMOVED EQUIPMENT UTILITY TRENCH (34) (48.07) (SM).
  - NEW CARPET AND WALL BASE. SEE FINISH SCHEDULE FOR MORE INFORMATION.
  - EXISTING FLOOR MOUNTED TOILET WITH TOILET SEAT AT +1'7" AND TOUCHLESS FLUSH VALVE. VERIFIED BY AOR TO COMPLY WITH CBC 11B.
  - EXISTING WALL MOUNTED URINAL WITH RIM AT +1'7" AND TOUCHLESS FLUSH VALVE. VERIFIED BY AOR TO COMPLY WITH CBC 11B.
  - NOT USED.
  - EXISTING WALL MOUNTED SINK WITH FAUCET AT +34" MAX AND +29" MIN CLEARANCE. VERIFIED BY AOR TO COMPLY WITH CBC 11B.
  - NOT USED.
  - NOT USED.
  - NOT USED.
  - EXISTING ACCESSIBLE DUAL HEIGHT DRINKING FOUNTAIN TO REMAIN. SEE PLANS FOR ADDITIONAL SCOPE OF WORK. (26) (48.07)

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Bakersfield City School District

**ARCHITECT**

JAMES PATRICK FOGARTY, AIA  
ARCHITECT ©-19670

**CONSULTANT**

**PROJECT INFO**

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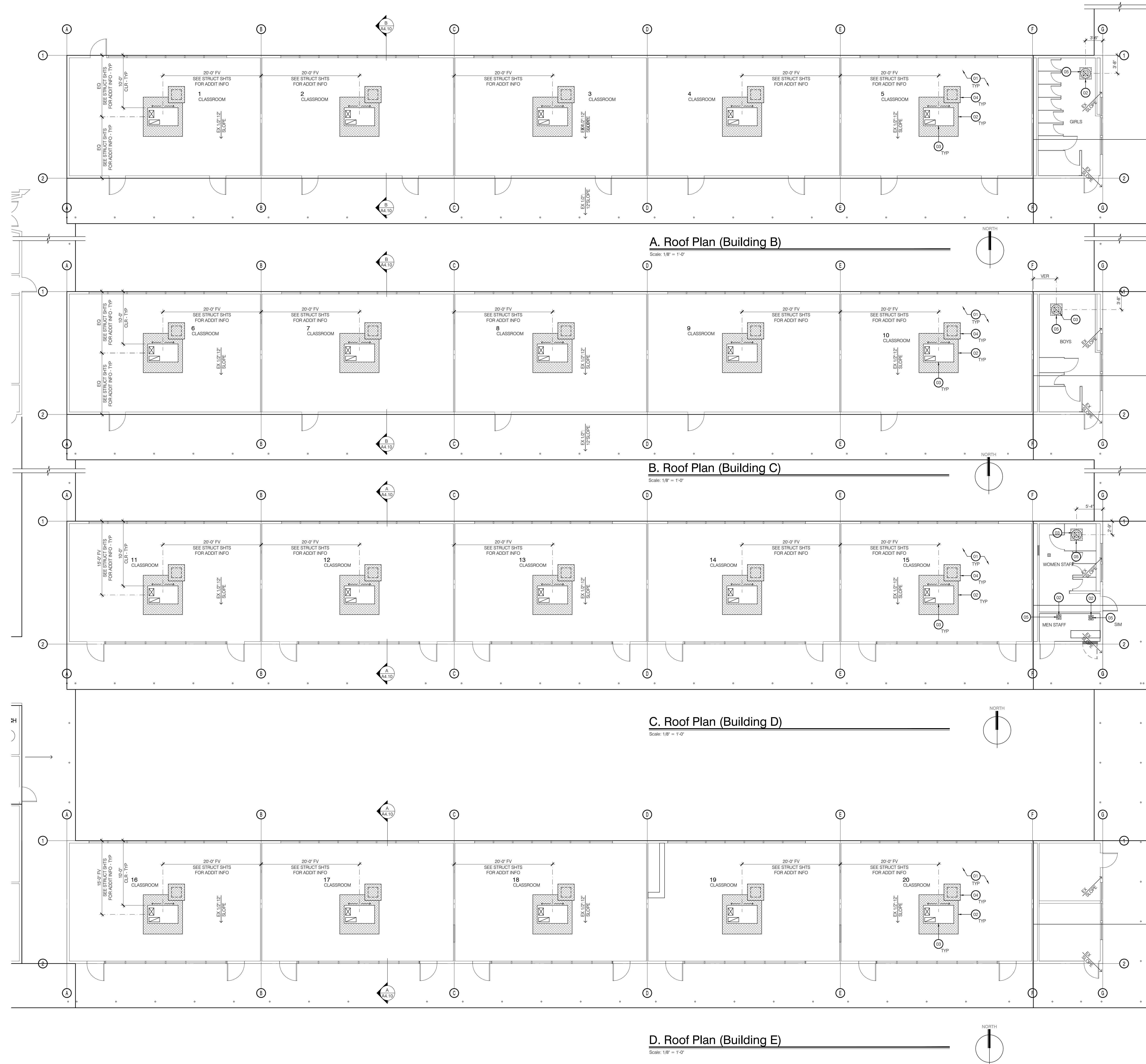
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**PARTIAL FLOOR PLANS**

**A2.21**



**A. Roof Plan (Building B)**  
Scale: 1/8" = 1'-0"

**B. Roof Plan (Building C)**  
Scale: 1/8" = 1'-0"

**C. Roof Plan (Building D)**  
Scale: 1/8" = 1'-0"

**D. Roof Plan (Building E)**  
Scale: 1/8" = 1'-0"

**ROOF NOTES**

- IT IS THE INTENT OF THE CONTRACT DOCUMENTS TO PLACE THE RESPONSIBILITY FOR THE WATER-TIGHTNESS OF THE ROOF ALTERATIONS UNDER THE ROOFING CONTRACTOR. IN SUBMITTING A BID, THE ROOFING CONTRACTOR AND MANUFACTURER WHOSE MATERIAL HE PROPPOSES TO USE, AGREE TO THE CONDITIONS SET FORTH IN ALL THE CONTRACT DOCUMENTS.
- CONTRACTOR AGREES THAT ALL CONDITIONS AS SET FORTH IN SAID DOCUMENTS ARE COMPLETE AND MEET THEIR SPECIFIC REQUIREMENTS FOR A ROOF OF THE PERIOD SPECIFIED.
- IN THE EVENT THE DOCUMENTS DO NOT COMPLETELY OR CORRECTLY COVER THE MANUFACTURER'S SPECIFIC REQUIREMENTS, THE ROOFING CONTRACTOR SHALL PROVIDE THE SAME IN HIS BID. UNDER NO CIRCUMSTANCES WILL AN EXTRA BE ALLOWED FOR HIS FAILURE TO COMPLY WITH REQUIREMENTS HEREIN AND MANUFACTURER'S WRITTEN REQUIREMENTS.
- THE DETAILS SHOWN ON THE CONSTRUCTION DOCUMENTS SHALL BE INCORPORATED INTO THE PROJECT AT ALL APPROPRIATE LOCATIONS WHETHER SPECIFICALLY REFLECTED AT EACH LOCATION OR NOT.
- ALL NEW VENTS THRU ROOF SHALL BE EXTENDED TO 12" MINIMUM DISTANCE ABOVE ROOF DECK.
- ALL ROOF SLOPES SHOWN ARE APPROXIMATE. SEE SECTIONS FOR ELEVATIONS AND SIMILAR REFERENCES.
- REFER TO MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL ROOF PENETRATIONS NOT SHOWN HERE.

**TYPICAL ROOF DETAILS**

**PFR Roofing**

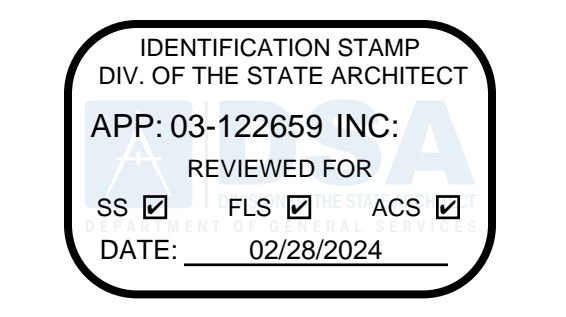
11 PFR SYSTEM	34 PIPE/CONDUIT PENETRATION
21 EQUIPMENT MFR CURB	

**ROOFING MATERIAL REQS**

- PFR ROOFING "CLASS A" SEE PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS

**ROOF PLAN KEYNOTES**

- EX PFR ROOFING OVER EX COMP SHINGLE ROOF / BUR.
- REMOVE AND REPLACE PFR ROOFING AS REQUIRED FOR ROOF FRAMING MODIFICATIONS AND HVAC INSTALLATION. PFR ROOFING TO MATCH EX. PROVIDE POSITIVE DRAINAGE AROUND HVAC CURB.
- HVAC EQUIPMENT ON TAPERED ROOF CURB - SEE MECH SHTS FOR ADD INFO. SEE ELEC SHTS FOR REQUIRED ELECTRICAL CONNECTIONS AND ROOF PENETRATIONS.
- PFR ROOFING TO MATCH EX AT EX ROOF RELIEF VENT REMOVED. INFILL ROOF FRMG PER STRUCT SHTS
- INSTALL ROOF EXHAUST FAN W/ TAPERED ROOF CURB - SEE MECH/STRUCT SHTS FOR ADD INFO.

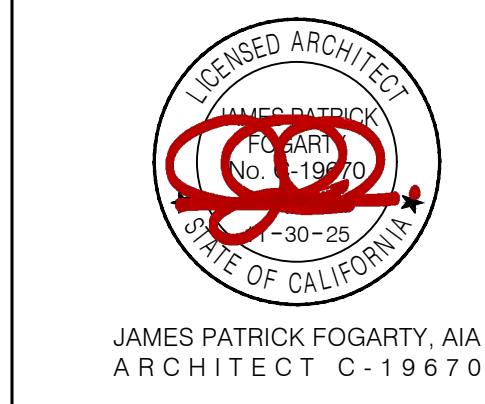


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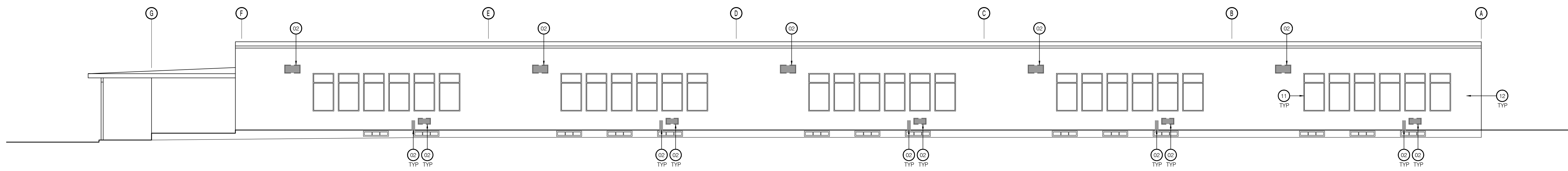
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DSA File No	15-6
DSA No	03-122659

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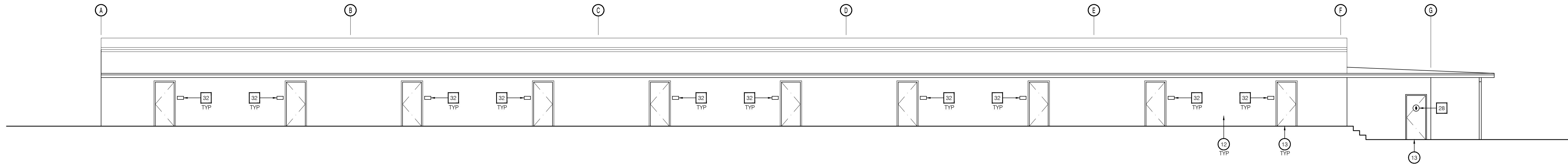
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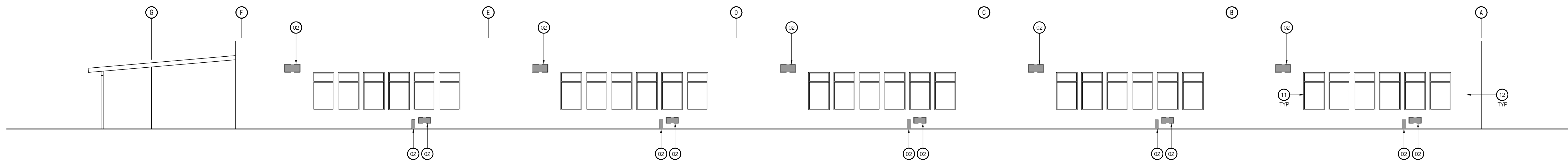
A. North Elevation- Building B

Scale: 1/8" = 1'-0"



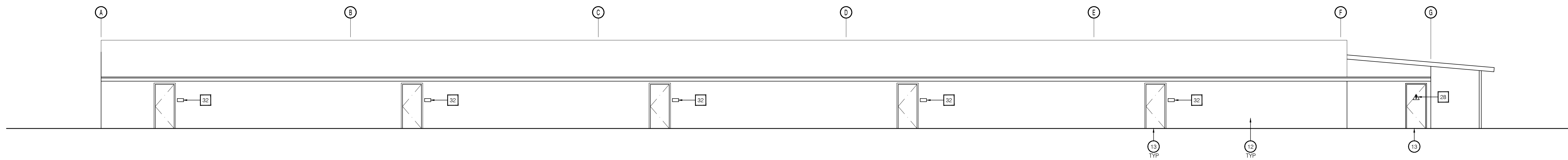
B. South Elevation- Building B

Scale: 1/8" = 1'-0"



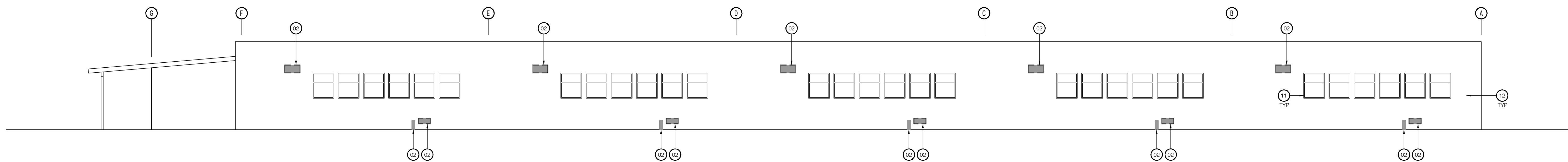
C. North Elevation- Building C

Scale: 1/8" = 1'-0"



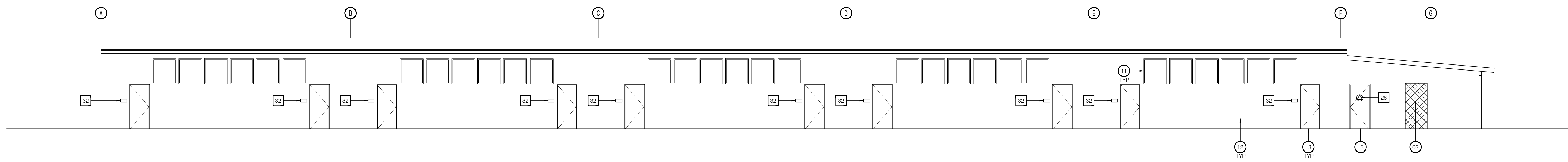
D. South Elevation- Building C

Scale: 1/8" = 1'-0"



E. North Elevation- Building D

Scale: 1/8" = 1'-0"



F. South Elevation- Building D

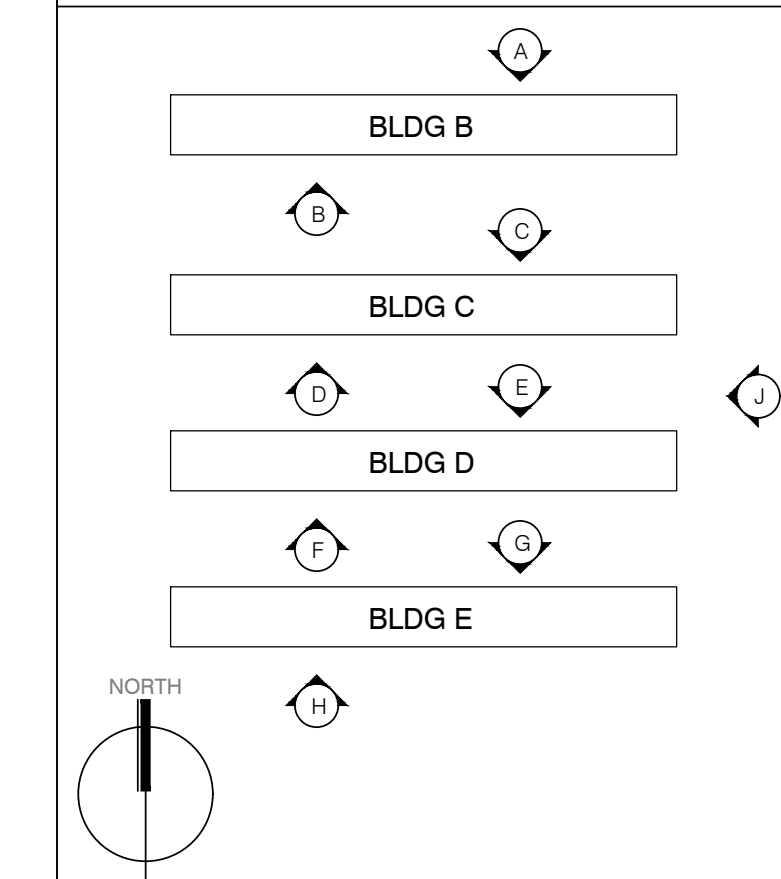
Scale: 1/8" = 1'-0"

**EXTERIOR ELEVATIONS KEYNOTES**

NOTE: NOT ALL KEYNOTES ARE USED ON SHEETS A4.00 AND A4.01

- 10 METAL RAIL GUARDS - SEE PLAN; PATCH/ REPAIR WALL FIN
- 11 CEM PLAS FINISH OVER WD STUD INFILL FRMG - FIN TO MATCH EX
- 12 NOT USED
- 13 NOT USED
- 14 NOT USED
- 15 NOT USED
- 16 NOT USED
- 17 NOT USED
- 18 NOT USED
- 19 EX WINDOW SYSTEM TO REMAIN
- 20 EX CEM PLAS FIN AT EXT WALL
- 21 EX HM DOOR AND FRAME TO REMAIN

**ELEVATION KEY PLAN**



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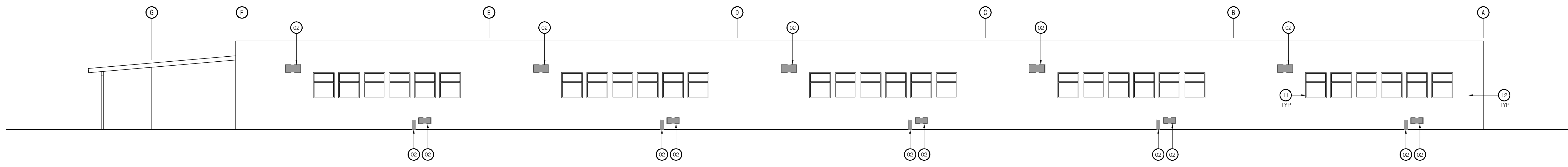
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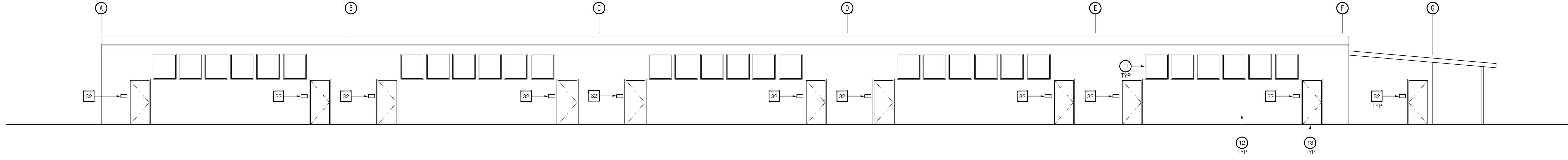
EXTERIOR ELEVATIONS

**A4.00**



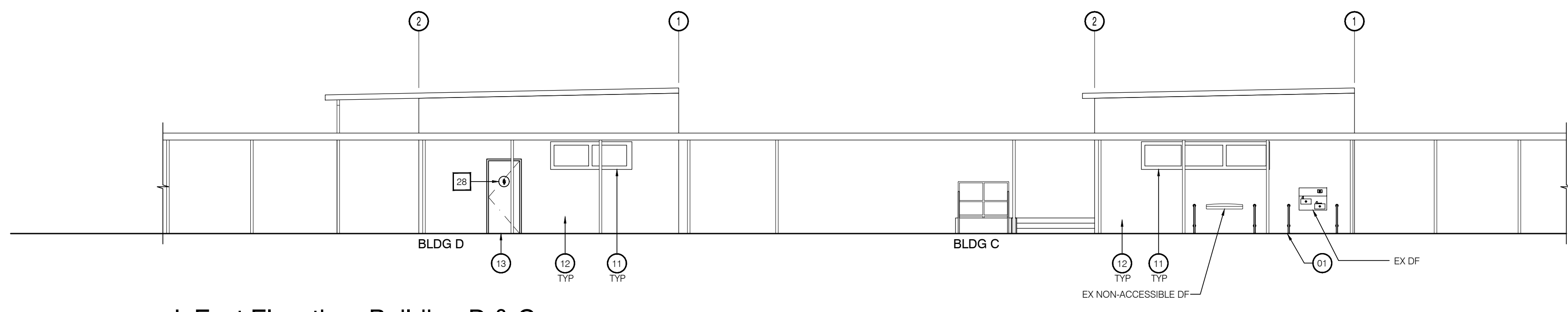
G. North Elevation- Building E

Scale: 1/8" = 1'-0"



H. South Elevation- Building E

Scale: 1/8" = 1'-0"



J. East Elevation- Building D & C

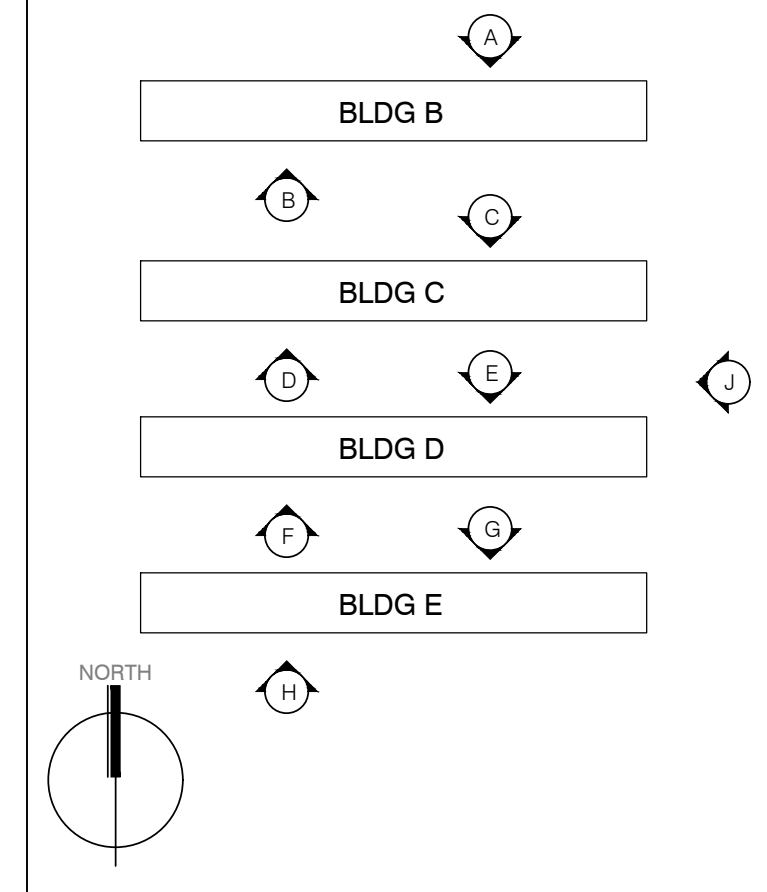
Scale: 1/8" = 1'-0"

**EXTERIOR ELEVATIONS KEYNOTES**

NOTE: NOT ALL KEYNOTES ARE USED ON SHEETS A4.00 AND A4.01

- 10 METAL RAIL GUARDS - SEE PLAN. PATCH/ REPAIR WALL FIN
- 11 CEM PLAS FINISH OVER WD STUD INFILL FRMG - FIN TO MATCH EX
- 12 NOT USED
- 13 NOT USED
- 14 NOT USED
- 15 NOT USED
- 16 NOT USED
- 17 NOT USED
- 18 NOT USED
- 19 NOT USED
- 20 NOT USED
- 21 EX WINDOW SYSTEM TO REMAIN
- 22 EX CEM PLAS FIN AT EXT WALL
- 23 EX HM DOOR AND FRAME TO REMAIN

**ELEVATION KEY PLAN**



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EXTERIOR ELEVATIONS

**A4.01**

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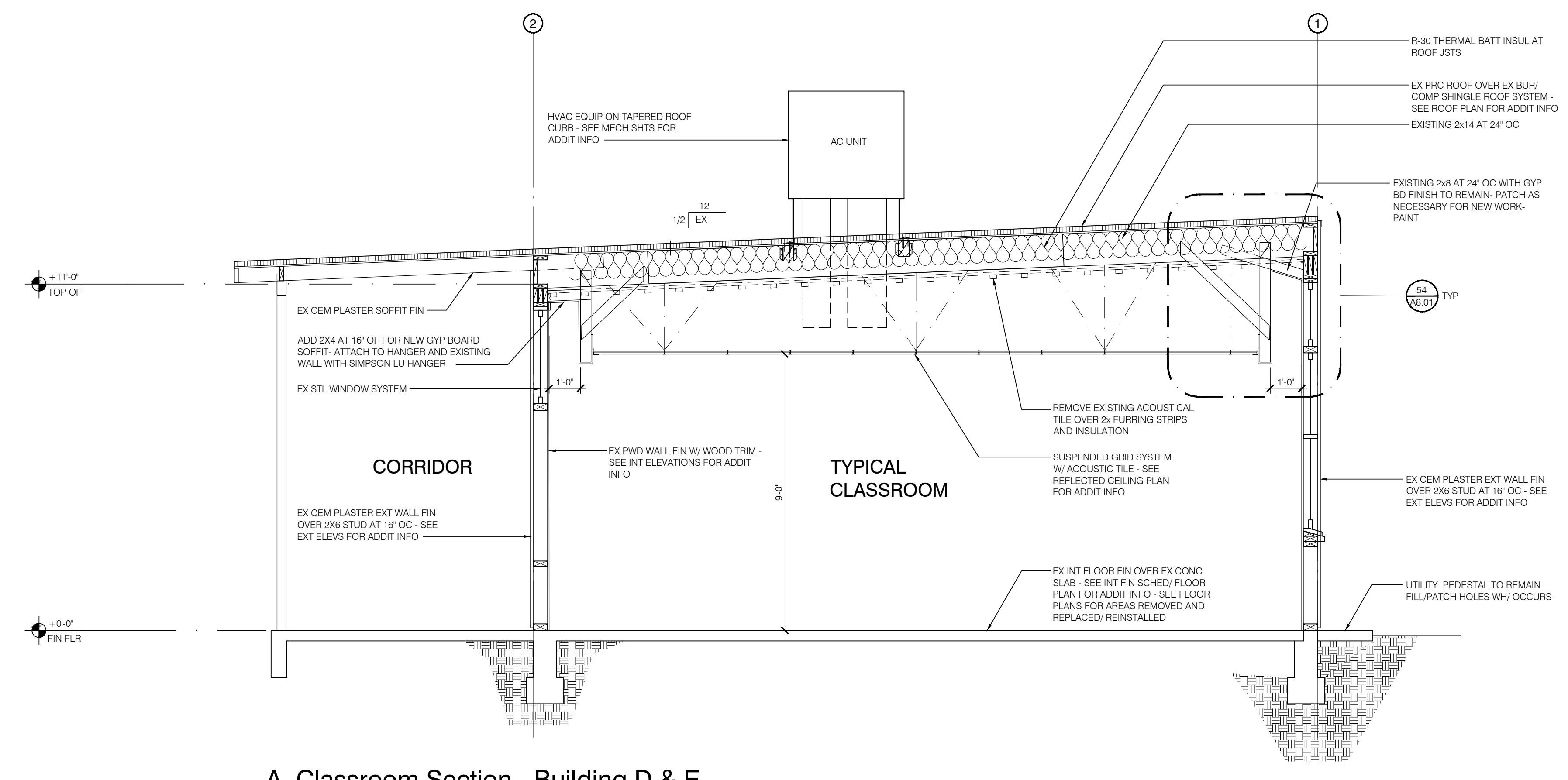
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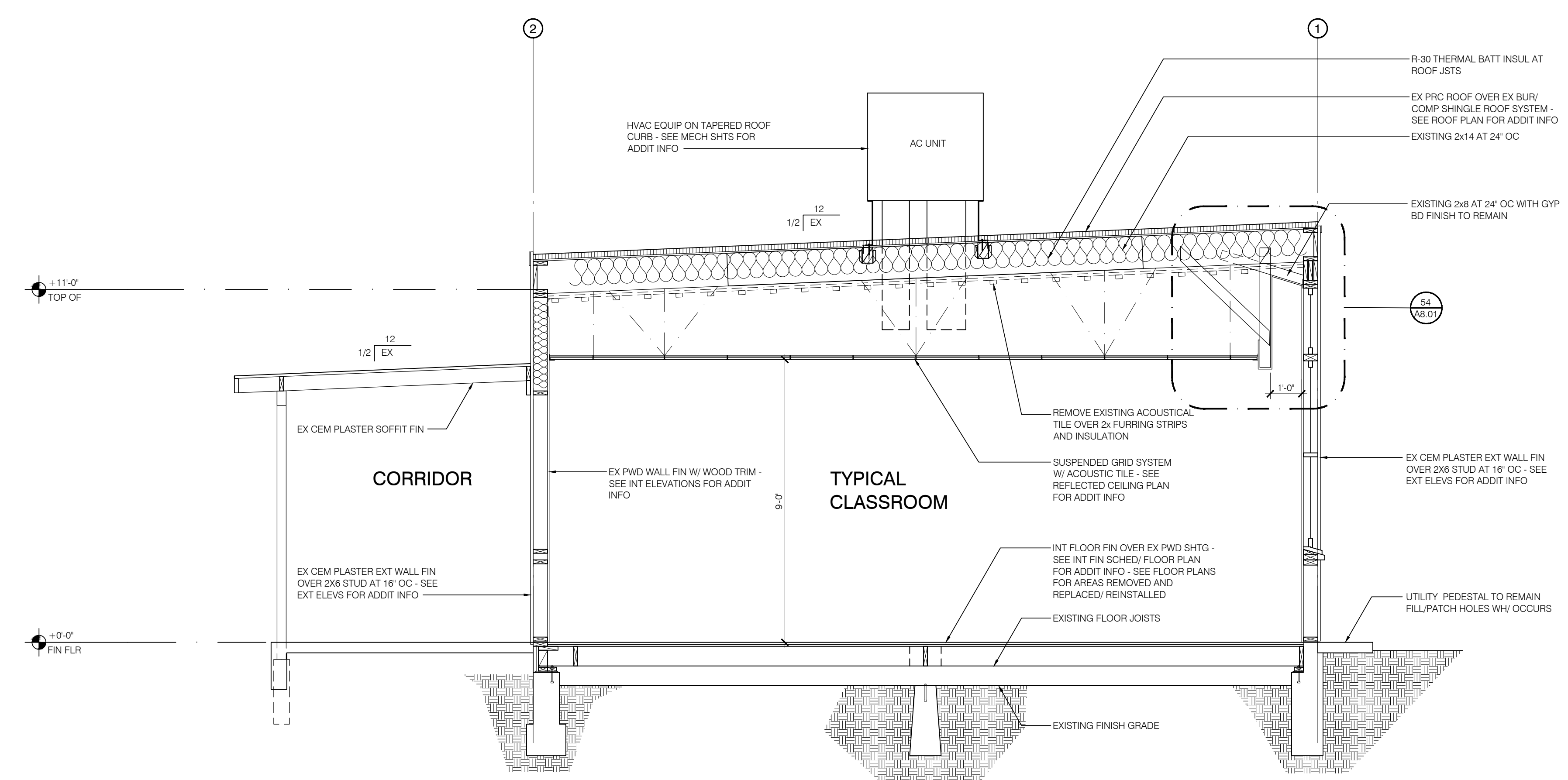
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BUILDING SECTIONS

**A4.10**



**A. Classroom Section - Building D & E**  
 Scale: 3/8" = 1'-0"



**B. Classroom Section - Building B & C**  
 Scale: 3/8" = 1'-0"

**GENERAL CLG DEMO NOTES**

- REMOVE EX LIGHT FIXTURES, HGRS AND ASSOC CONNECTORS AT EX CLGS INDICATED TO BE REMOVED. SEE ELEC SHTS FOR ADDIT INFO.
- REMOVE EX HVAC REGISTERS, HGRS AND ASSOC CONNECTORS AT EX CLGS INDICATED TO BE REMOVED. SEE MECH SHTS FOR ADDIT INFO.
- REMOVE EX INSULATION AT CLGS INDICATED TO BE REMOVED.
- REMOVE EX ANCHORS, CONNECTORS, FASTENERS, ETC. AT ITEMS INDICATED TO BE REMOVED.
- REMOVE EX ELEC CONDUIT, BOXES, SUPPORTS AND CONNECTORS AT LIGHT FIXTURES INDICATED TO BE REMOVED. SEE ELEC SHTS FOR ADDITIONAL INFO.
- REMOVE EX HVAC DUCTWORK, SUPPORTS AND CONNECTORS AT HVAC REGISTERS INDICATED TO BE REMOVED. SEE MECH SHTS FOR ADDITIONAL INFO.
- EX EMS AND SECURITY DEVICES TO BE REMOVED BY OWNER. CONDUITS AND BOXES TO BE REMOVED BY CONTRACTOR. SEE ELEC SHTS FOR ADDITIONAL INFO.
- REMOVE EX FASTENERS AT CLG FINISHES INDICATED TO BE REMOVED. PROTECT EX ADJACENT FINISHES DURING REMOVAL TO ALLOW FOR NEW FINISH TRANSITIONS.
- REMOVE EX AIR PURIFIER SYSTEM AT EX CEILINGS INDICATED TO BE REMOVED. SALVAGE FOR REINSTALLATION. SEE ELEC SHTS FOR ADDITIONAL INFO.
- REMOVE EX FIRE ALARM DEVICES. SEE ELEC SHTS FOR ADDITIONAL INFO.
- EX WIRELESS ACCESS NODES TO BE REMOVED BY OWNER. CONDUITS AND BOXES TO BE REMOVED.
- EX SPEAKERS TO BE REMOVED BY OWNER. CONDUITS AND BOXES TO BE REMOVED BY CONTRACTOR. SEE ELEC SHTS FOR ADDITIONAL INFORMATION.

17-03-04

**CEILING DEMOLITION KEYNOTES**

- (1) REMOVE EX SUSPENDED CEILING SYSTEM INCLUDING WIRES, ANCHORS, CONNECTORS AND INSULATION.
- (2) REMOVE EX 12x12 ADHERED ACOUSTIC TILES, GYP BD SUBSTRATE, 1/2" STRIPPING, ASSOC CONNECTORS AND INSULATION AT UNDERSIDE OF TRUSSES INCLUDING AREA ABOVE EX SUSPENDED CEILING SYSTEM. REMOVE EXPOSED WOOD TRIM WH OCCURS.
- (3) FULL HEIGHT WALL REMOVED - PATCH WALL/ FRAMING AS NEEDED.
- (4) REMOVE EX HVAC DIFFUSERS, DUCTWORK (CLG EXHAUST FAN WH OCCURS) AND ASSOC SUPPORTS - SEE MECH SHTS FOR ADDIT INFO.
- (5) REMOVE EX LIGHT FIXTURES, CONDUITS AND ASSOC SUPPORTS - SEE ELEC SHTS FOR ADDIT INFO.
- (6) REMOVE EX SURFACE MOUNTED LIGHT FIXTURE AND ASSOCIATED CONNECTORS - SEE ELEC SHTS FOR ADDIT INFO.
- (7) REMOVE EX GYP BD CLG, INSULATION, ASSOC FRAMING AND SUPPORTS.
- (8) NOT USED.
- (9) REMOVE EX ULTRAVIOLET AIR FIXTURE, CONDUIT AND ASSOCIATED SUPPORTS - SEE ELEC SHTS FOR ADDIT INFO.

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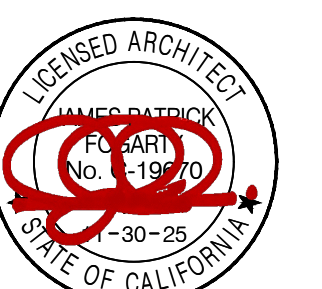


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**CAMPUS HVAC  
SYSTEM UPGRADE  
&  
SITE IMPROVEMENTS**

**Mt Vernon  
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2161 Potomac Ave, Bakersfield, CA 93307  
Bakersfield City School District

ARCHITECT



JAMES PATRICK FOGARTY, AIA  
ARCHITECT C-19870

CONSULTANT

**PROJECT INFO**

Project No	566-0015
Date	10.12.23
DSA File No	15-6
DSA No	03-122659

**REVISIONS**

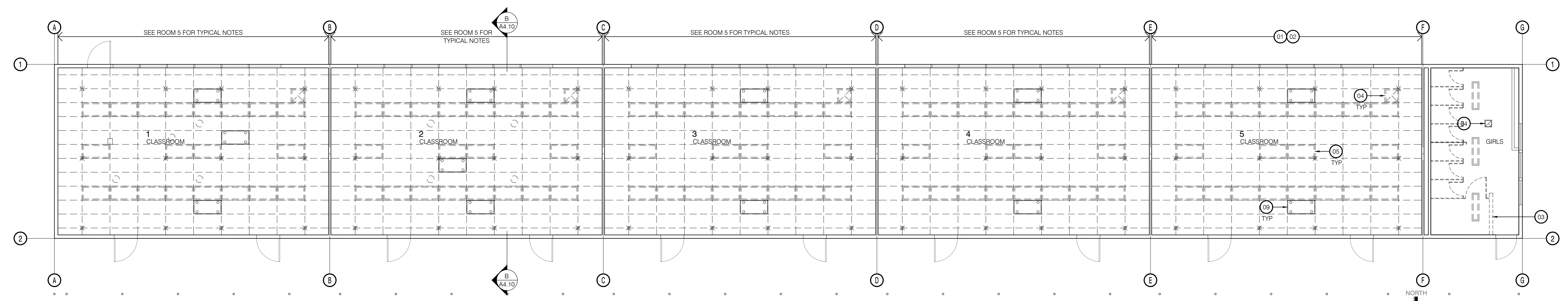
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DEMOLITION REFLECTED  
CEILING PLANS

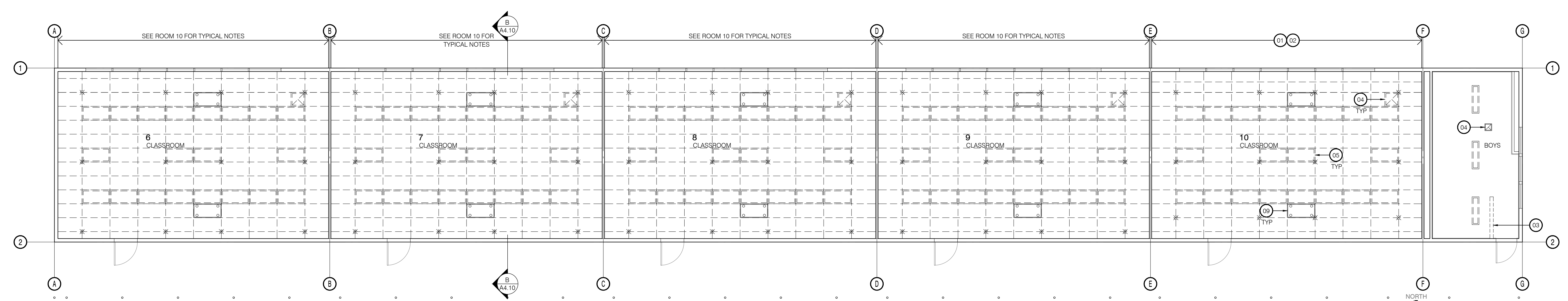
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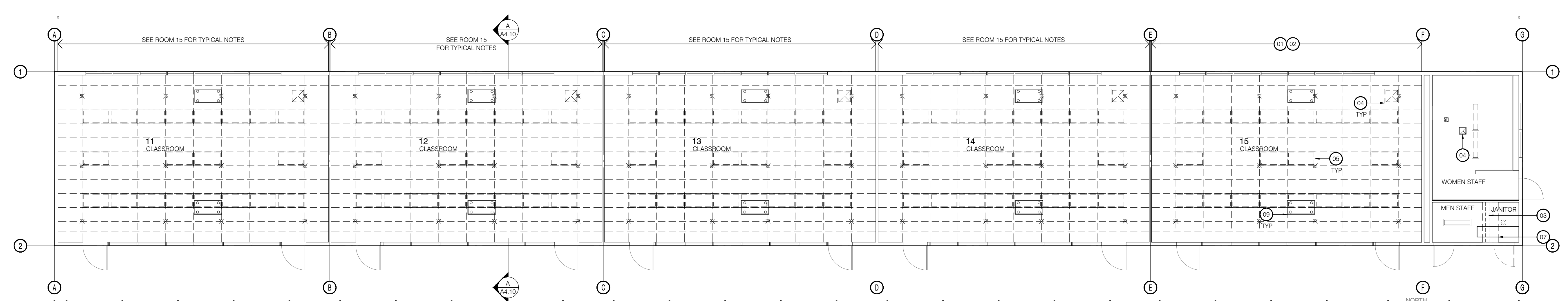
**A. Demolition Reflected Ceiling Plan (Building B)**

Scale: 1/8" = 1'-0"



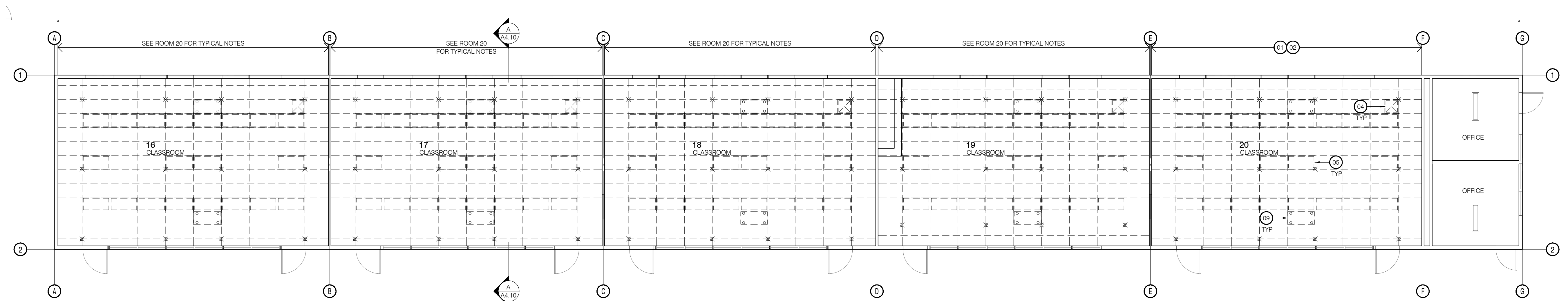
**B. Demolition Reflected Ceiling Plan (Building C)**

Scale: 1/8" = 1'-0"



**C. Demolition Reflected Ceiling Plan (Building D)**

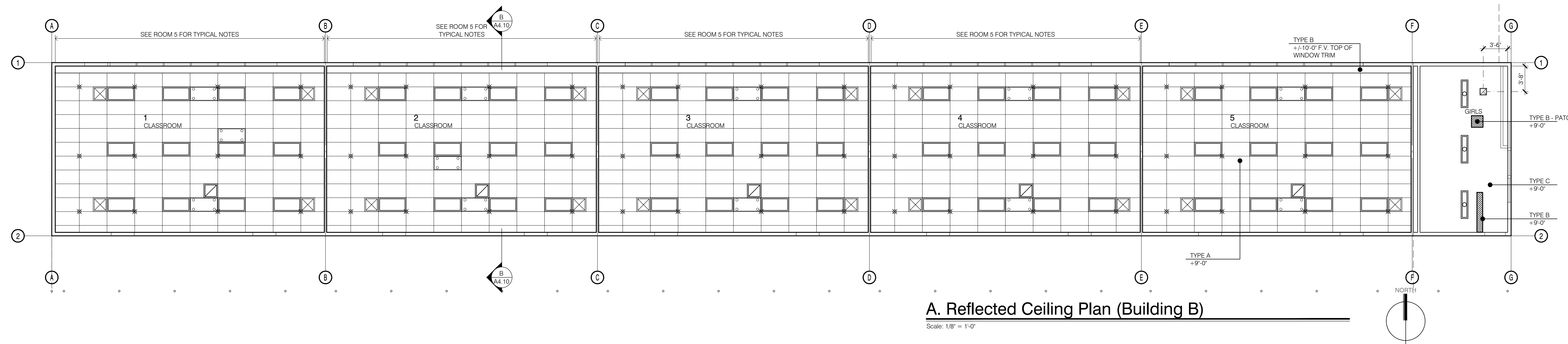
Scale: 1/8" = 1'-0"



**D. Demolition Reflected Ceiling Plan (Building E)**

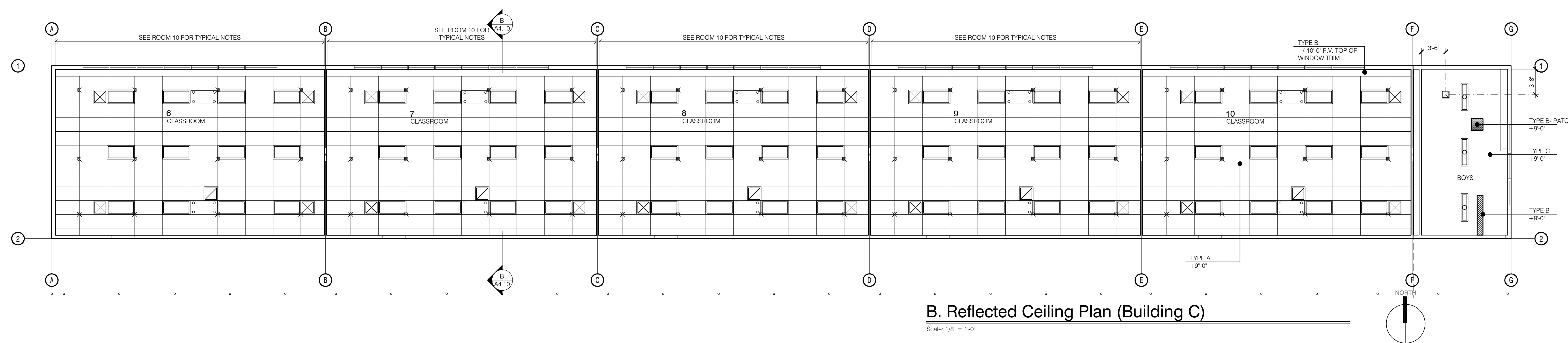
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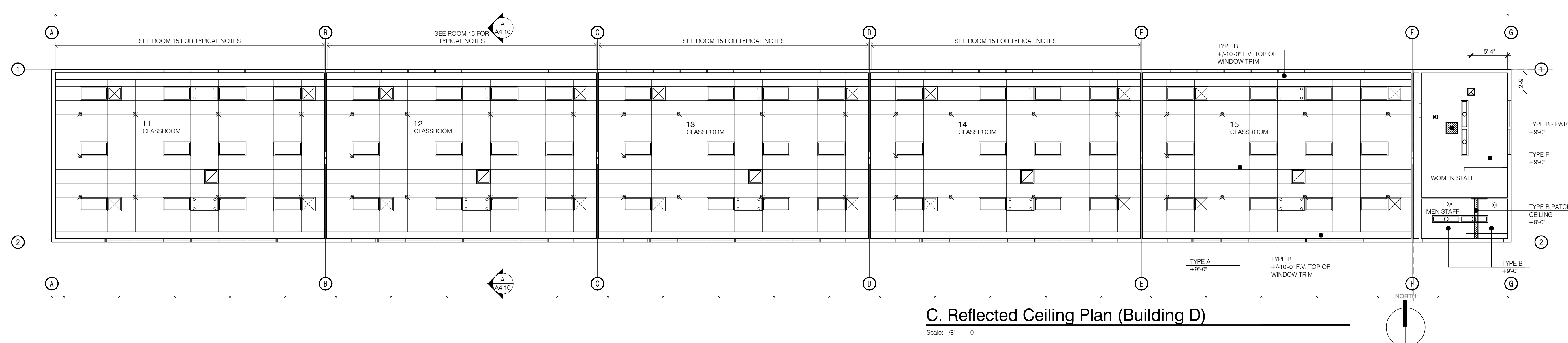
**A. Reflected Ceiling Plan (Building B)**

Scale: 1/8" = 1'-0"



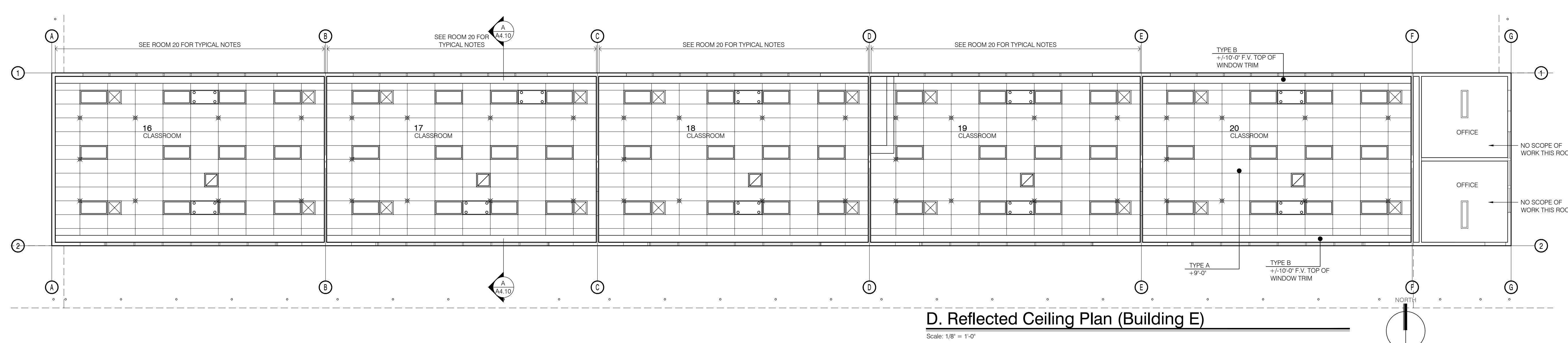
**B. Reflected Ceiling Plan (Building C)**

Scale: 1/8" = 1'-0"



**C. Reflected Ceiling Plan (Building D)**

Scale: 1/8" = 1'-0"



**D. Reflected Ceiling Plan (Building E)**

Scale: 1/8" = 1'-0"

**GENERAL CEILING NOTES**

- THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE LOCATION OF LIGHT FIXTURES WITH THE REFLECTED CEILING PLAN AND AT THE DIRECTION OF THE ARCHITECT.
- THE MECHANICAL CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL AIR-CONDITIONING GRILLES WITH LIGHT FIXTURE LAYOUTS, REFLECTED CEILING PLAN AND AT THE DIRECTION OF THE ARCHITECT.
- REFER TO MECHANICAL DRAWINGS FOR SIZE, TYPE AND LOCATION OF ALL HVAC GRILLES, EXHAUST FANS AND OTHER MECHANICAL EQUIPMENT LOCATED IN THE CEILING.
- ENVELOPE INSULATION: CEILING SHALL HAVE THERMAL BATTS ABOVE CEILING FINISH. FOAM INSULATION EXCEPT SOUND WALLS SEE SECTIONS FOR ATTICS/ CAVITIES TO BE INSULATED. WALLS SHALL HAVE THERMAL BATTS AT ALL EXTERIOR WALLS. SEE FLOOR PLAN FOR SOUND INSULATION. INTENT IS TO INSULATE ENTIRE ENVELOPE EXCEPT GLAZING/ DOORS UNO. PROVIDE ATTIC WALL INSULATION IF INSULATION IS PROVIDED AT ROOF LINE. SEE SECTION(S) FOR ADDITIONAL INFORMATION.
- SURFACE MTD, RECESSED AND SUSPENDED LIGHT FIXTURES SHALL BE LOCATED EQUALLY BETWEEN OPPOSITE WALLS UNO.
- HVAC REGISTERS AND GRILLES SHALL BE LOCATED EQUALLY BETWEEN OPPOSITE WALLS UNO.
- CEILING HEIGHTS NOTED ARE TO BOTTOM OF CEILING FINISH UNO.

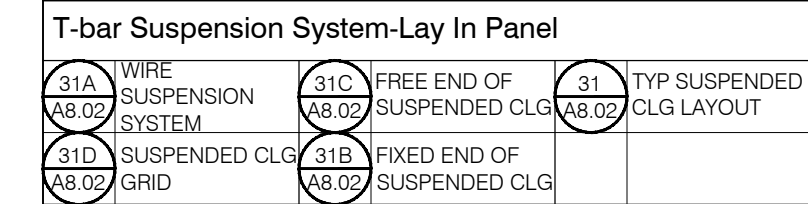
**CEILING TYPE LEGEND**

Type	Description	Fire Sprinkler	DLT
TYPE A	24x48 CEILING GRID W/ LAY IN ACCOUS PANELS, ARMSTRONG CORTEGA COLORSTONE, WHITE GRID AND PANELS	NONE	1/2" (1/2")
TYPE B	GYP BD - TAPE, TEXTURE AND PAINT 100% ACRYLIC ENAMEL SEMI GLOSS - LEVEL 4 FIN	NONE	
TYPE C	EX FINISH - PAINT 100% ACRYLIC ENAMEL SEMI GLOSS	NONE	

**CEILING LEGEND**

- 2x4 SUSPENDED LED LIGHT FIXTURE - SEE ELEC SHTS FOR ADDIT INFO
- 2x4 SURFACE MTD LED LIGHT FIXTURE - SEE ELEC SHTS FOR ADDIT INFO
- 1x4 SURFACE MTD LED LIGHT FIXTURE - SEE ELEC SHTS FOR ADDIT INFO
- RECESSED LED LIGHT FIXTURE - SEE ELEC SHTS FOR ADDIT INFO
- SUPPLY AIR REGISTER - SEE MECH SHTS FOR ADDIT INFO
- RETURN AIR REGISTER - SEE MECH SHTS FOR ADDIT INFO
- EXHAUST AIR REGISTER/ FAN - SEE MECH SHTS FOR ADDIT INFO
- BRACING AND COMPRESSION STRUT LOCATION (MINIMUM LOCATIONS)
- SALVAGED ULTRAVIOLET AIR FIXTURE - SEE ELEC SHTS FOR ADDIT INFO
- EX 2x4 SURFACE MTD LIGHT FIXTURE
- EX 1x4 SURFACE MTD LIGHT FIXTURE
- EX RECESSED LIGHT FIXTURE

**TYP CLG CONSTRUCTION DTLS**



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**ap**  
architects

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**CAMPUS HVAC SYSTEM UPGRADE & SITE IMPROVEMENTS**

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**ARCHITECT**

JAMES PATRICK FOGARTY, AIA  
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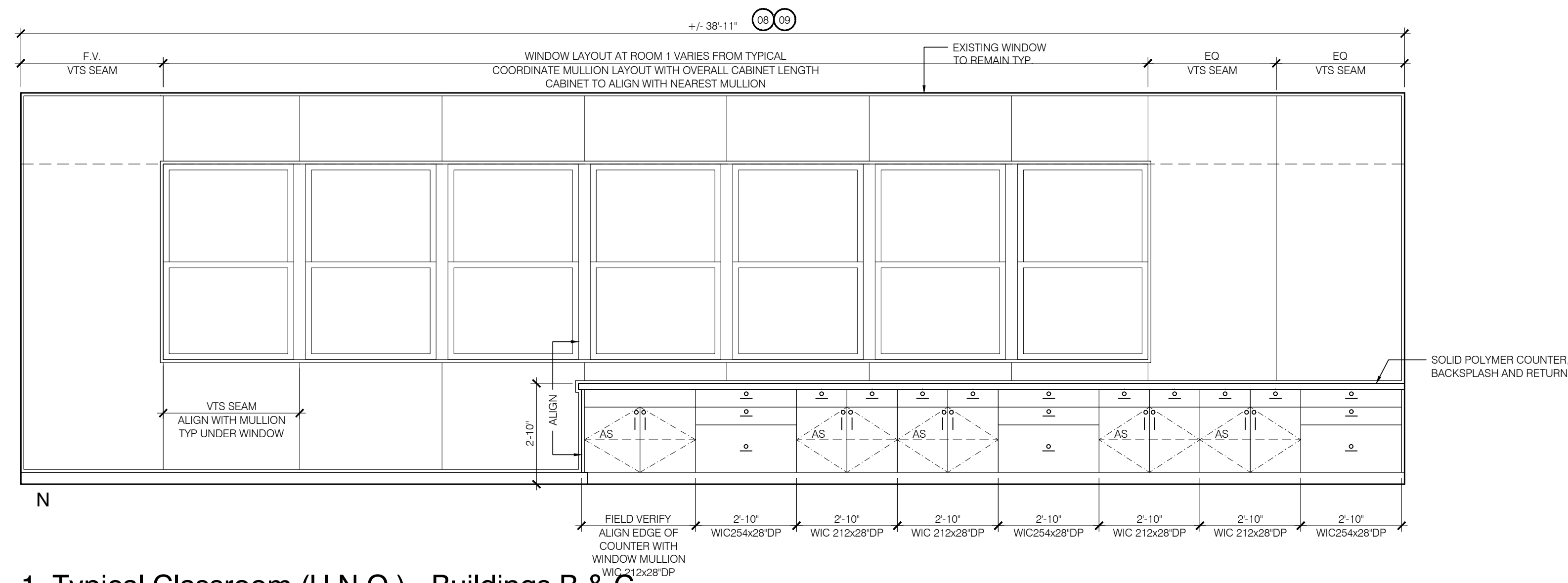
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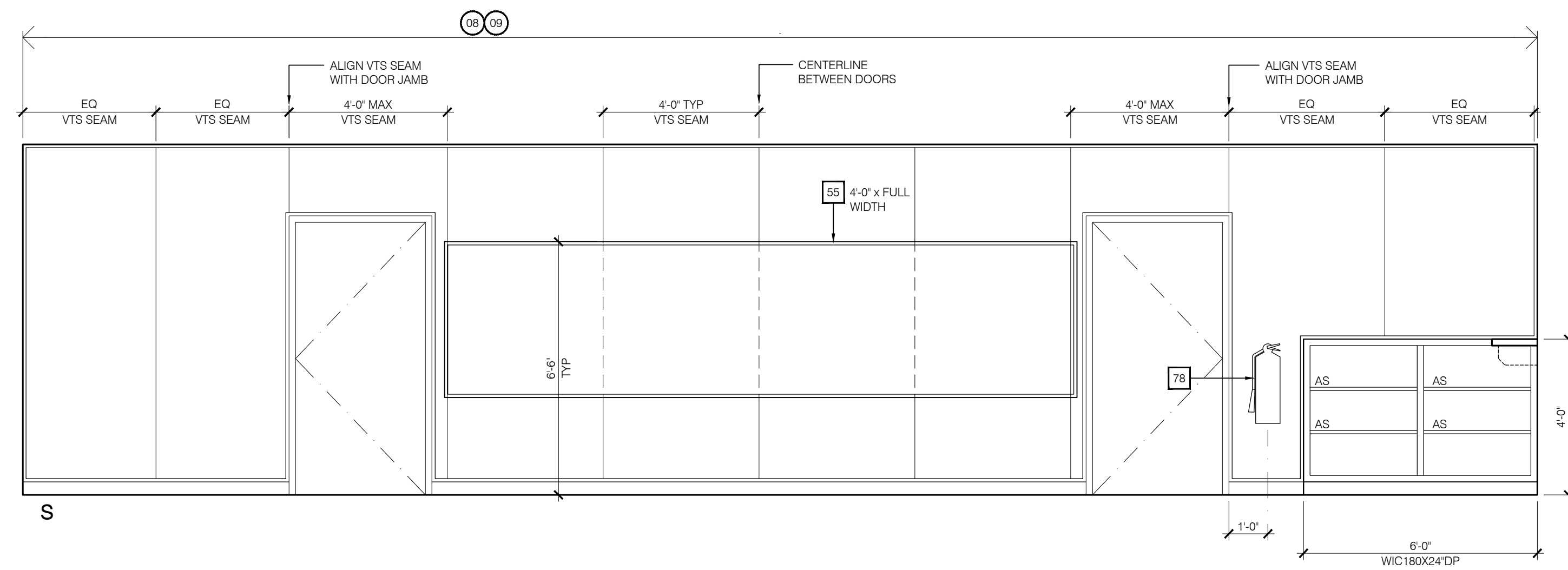
**REFLECTED CEILING PLANS**

**A5.10**



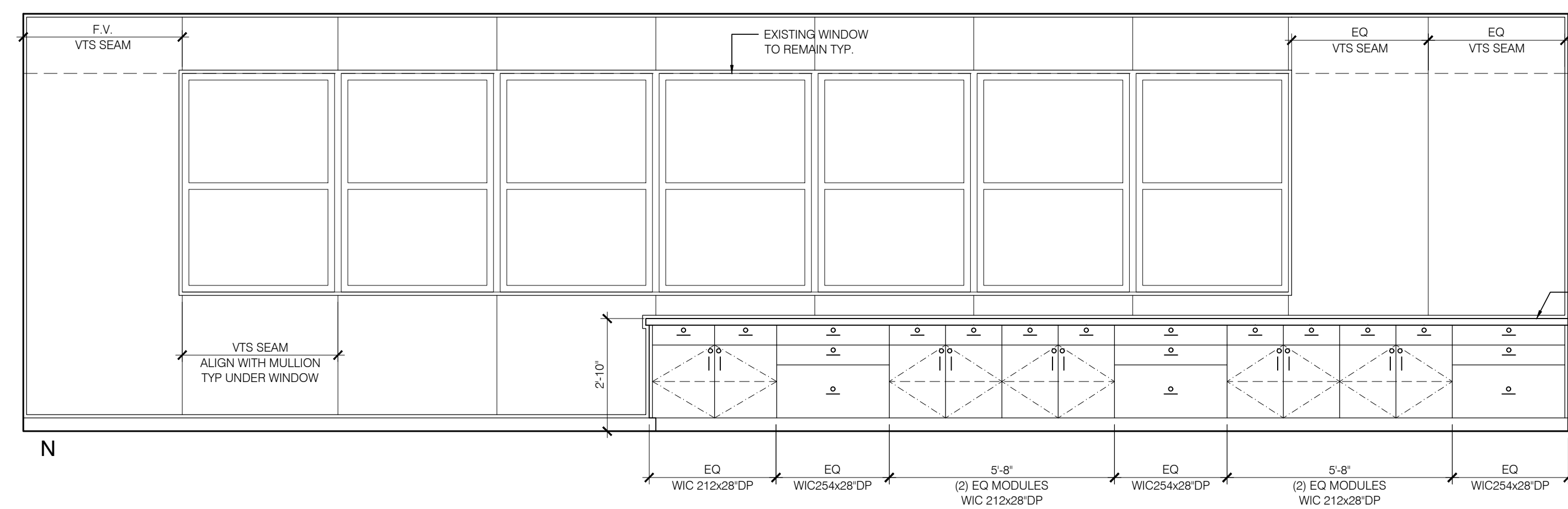
1. Typical Classroom (U.N.O.) - Buildings B & C

Scale: 3/8" = 1'-0"  
 REMOVE AND REPLACE EXISTING WALL FIN AS REQUIRED TO INSTALL ELEC/COMM CONDUITS AND BOXES  
 REMOVE EXISTING WOOD TRIM AS REQUIRED TO INSTALL VTS WALL FINISH  
 VERIFY WINDOW MULLION LAYOUT IN ROOM 1. ALIGN CABINETS WITH NEAREST MULLION. CABINET LAYOUT ADJUSTMENT MAY BE REQUIRED  
 EXTEND ALL ELECTRICAL (DATA BOXES AS NECESSARY TO ACCOMMODATE NEW FINISH - VERIFY QUANTITY IN FIELD PRIOR TO CONSTRUCTION)



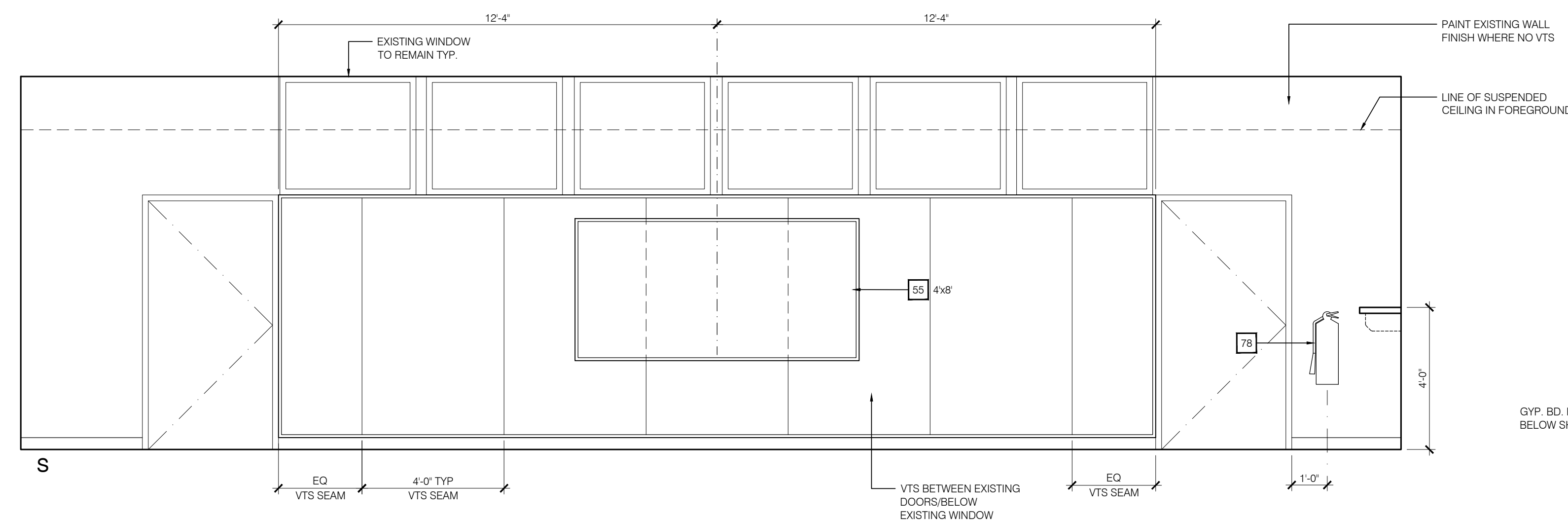
1. Typical Classroom (U.N.O.) - Buildings B & C (Cont.)

Scale: 3/8" = 1'-0"



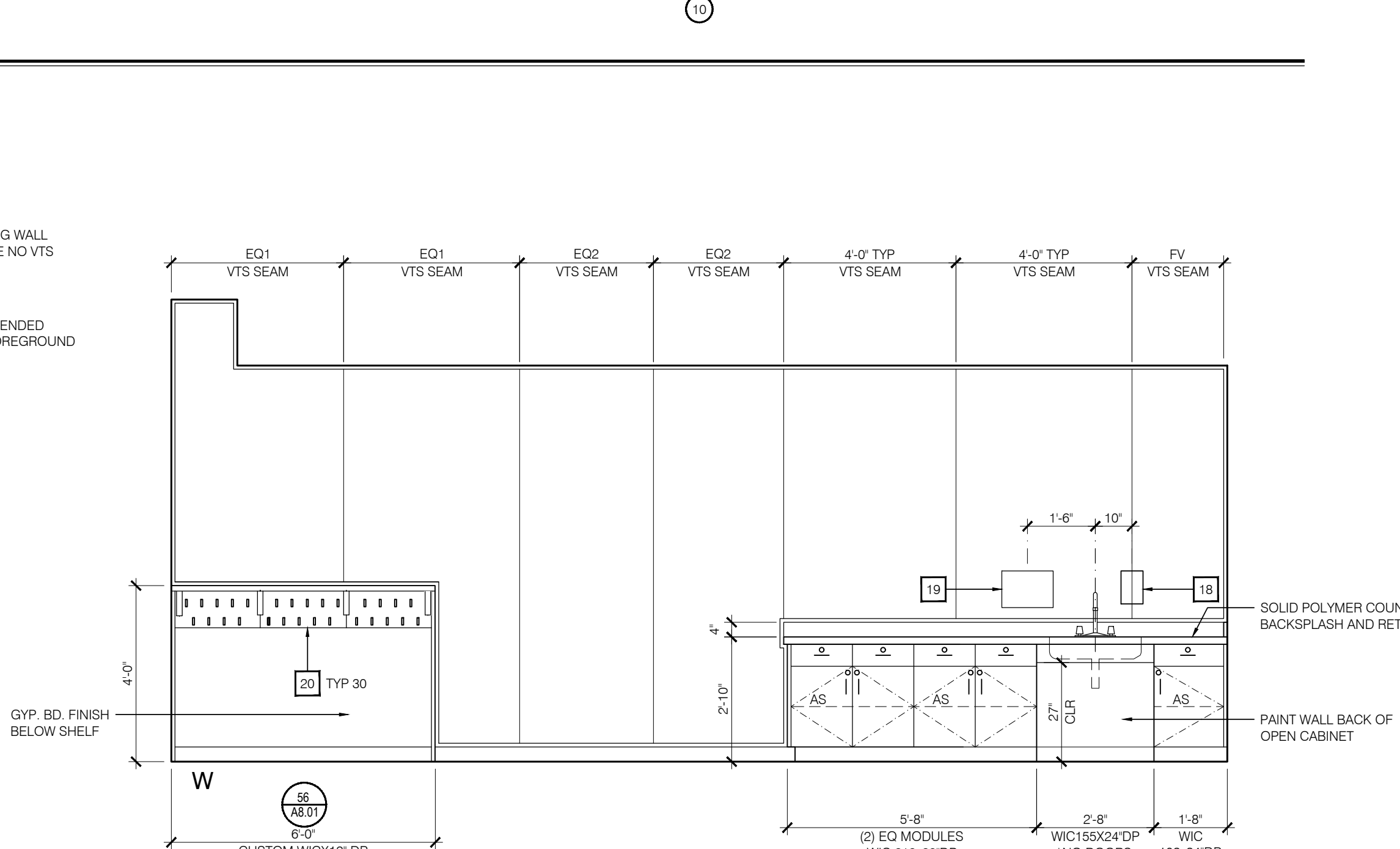
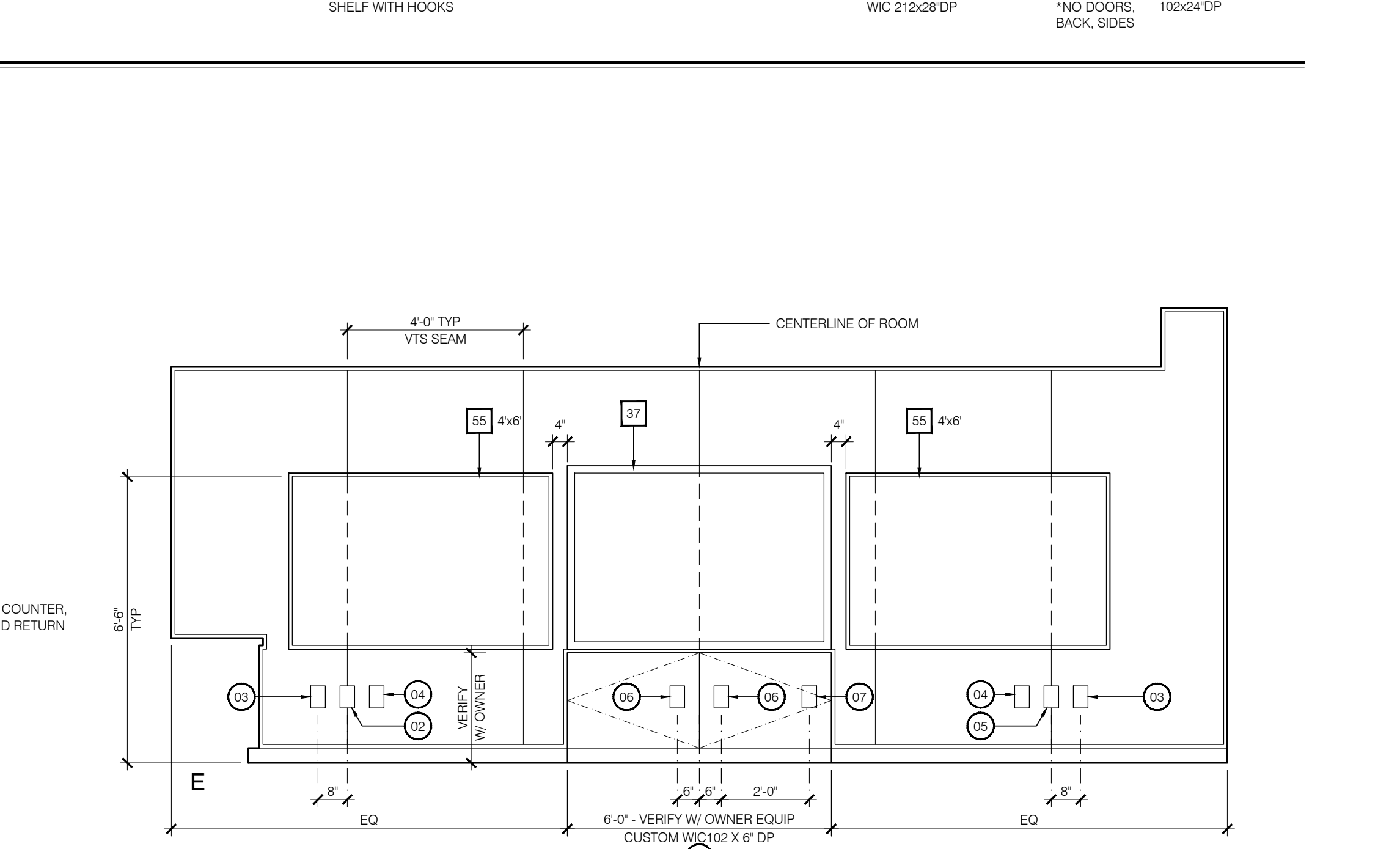
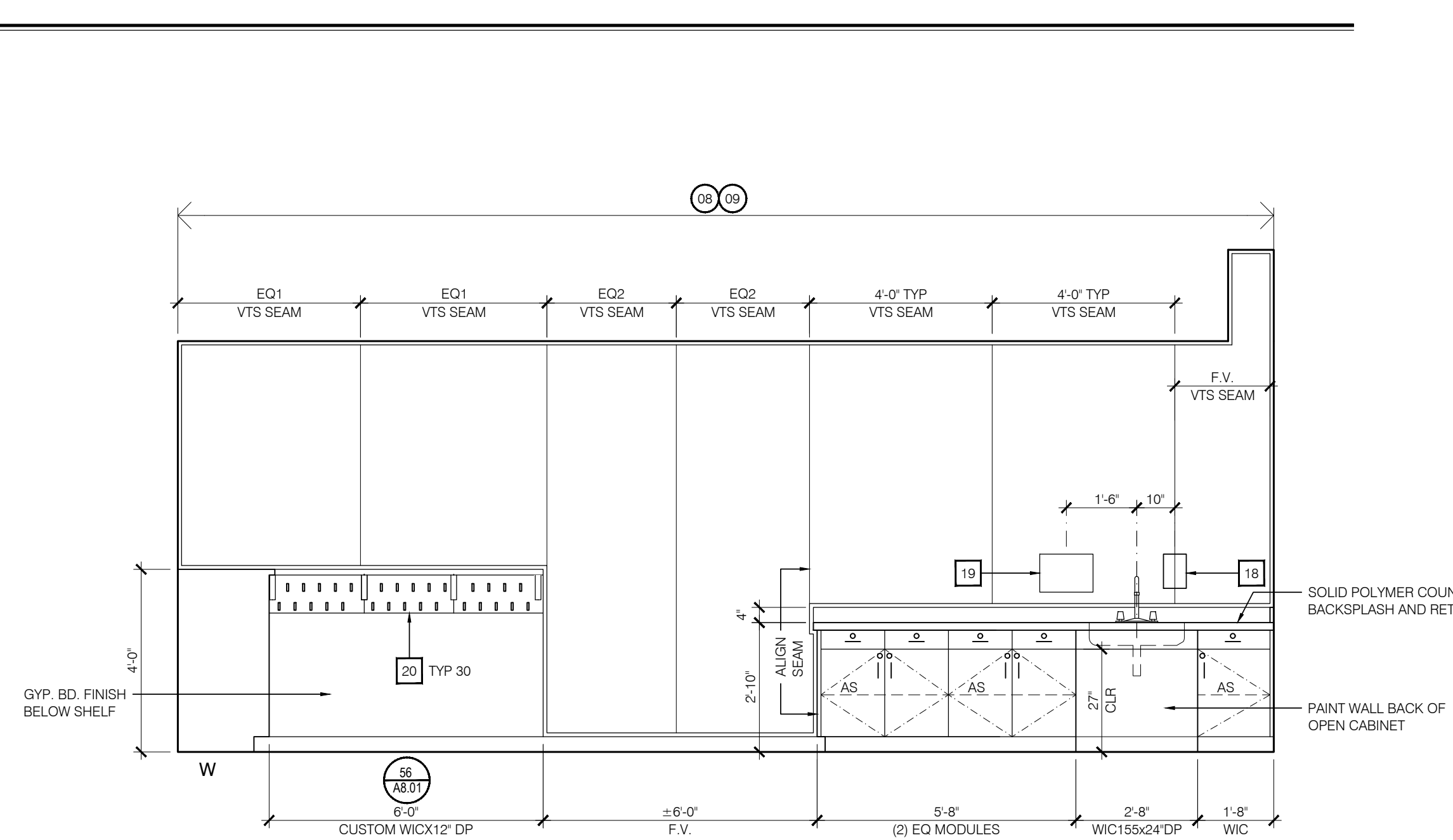
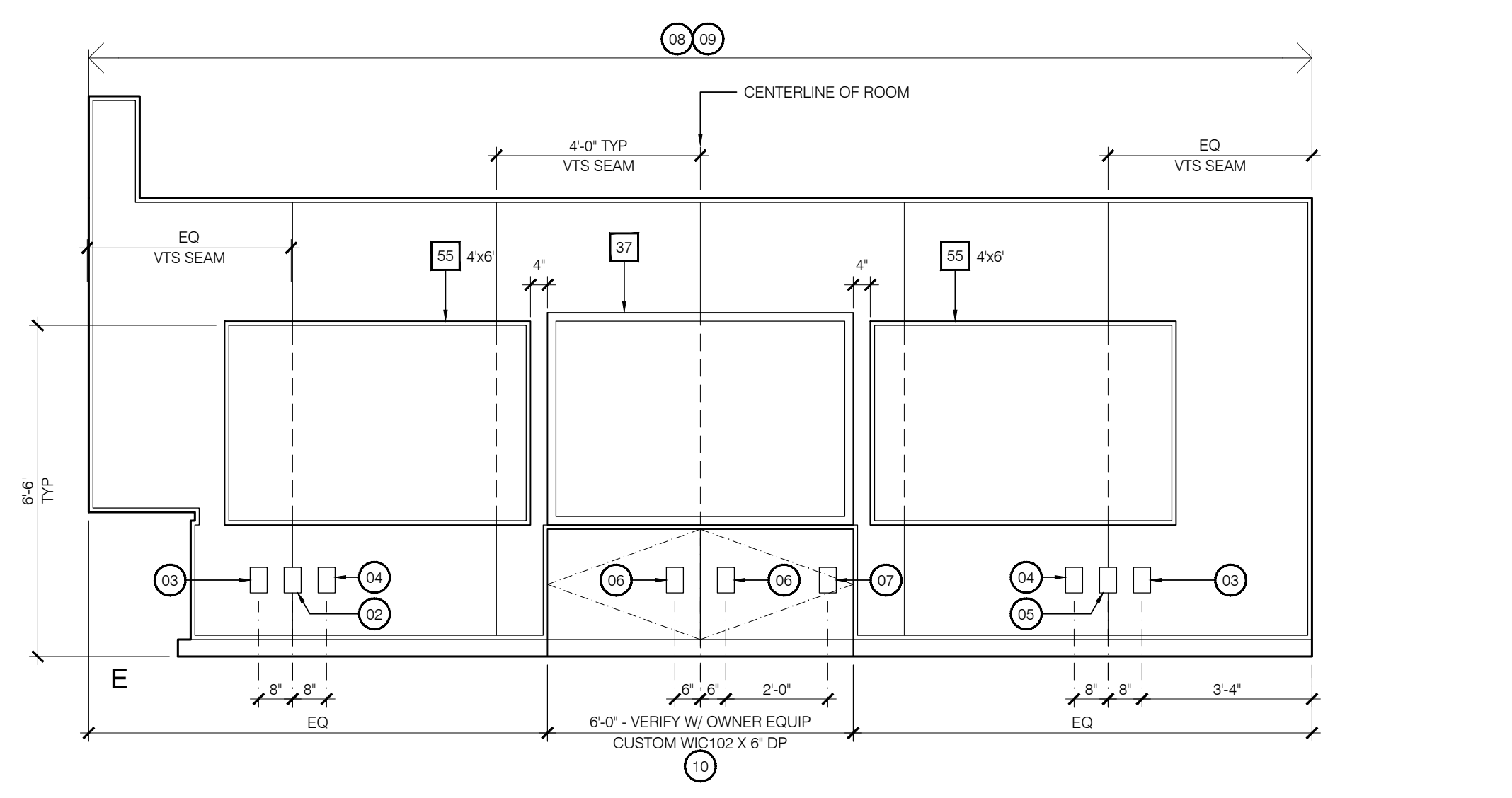
2. Typical Classroom (U.N.O.) - Building D

Scale: 3/8" = 1'-0"  
 REMOVE AND REPLACE EXISTING WALL FIN AS REQUIRED TO INSTALL ELEC/COMM CONDUITS AND BOXES  
 REMOVE EXISTING WOOD TRIM AS REQUIRED TO INSTALL VTS WALL FINISH



2. Typical Classroom (U.N.O.) - Building D

Scale: 3/8" = 1'-0"  
 REMOVE AND REPLACE EXISTING WALL FIN AS REQUIRED TO INSTALL ELEC/COMM CONDUITS AND BOXES  
 REMOVE EXISTING WOOD TRIM AS REQUIRED TO INSTALL VTS WALL FINISH



GENERAL NOTES

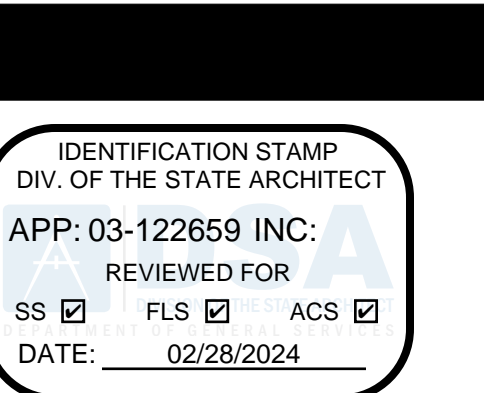
- SEE MECH SHTS FOR THERMOSTAT LOCATIONS.
- SEE SH1 A2.00 ACCESSORY SCHEDULE FOR ITEMS KEYPED TO ACCESSORY.
- CABINET DOORS AND DRAWERS TO HAVE KEYPED LOCKS UNO.
- ALL EXISTING SURFACE MTD RACEWAYS NOT SHOWN - FIELD VERIFY AND COORDINATE WITH WORK INDICATED.
- "NCA #1" REFERS TO THE NORTH AMERICAN ARCHITECTURAL WOODWORK STANDARDS (NAAWS) CABINET DESIGN SERIES. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

TYPICAL DETAILS

1. ACCESSIBLE DRINKING FOUNTAIN REFERENCE	11. ACCESSIBLE TOILET STALL REFERENCE
2. ACCESSIBLE URINAL REFERENCE	12. ACCESSIBLE COUNTER SINK AT CABINET REFERENCE
3. NON ACCESSIBLE TOILET REFERENCE	13. TYPICAL CABINET MOUNTING
4. ACCESSORY MOUNTING HEIGHTS	14. DOOR SIGN INSTALLATION
5. WOOD BACKING	15. RECESS MOUNTING BACKING (WD STUD)
6. SEMI-AMBULATORY TOILET REFERENCE	

INTERIOR ELEVATION KEYNOTES

- 1. NOT USED
- 2. JBOX ONLY (DATA OUTLET) - 3/4" CONDUIT STUBBED ABOVE CEILING
- 3. STANDARD SURGE PROTECTED DUPLEX OUTLET. LOCATE OUTLETS AS INDICATED ON THE PLAN
- 4. DOUBLE GANG DEEP MUD RING. LOCATE AT STANDARD HEIGHT. PROVIDE 1" CONDUIT ANCHORED TO FRAMING FROM MUD RING TO ABOVE CEILING. NO HARD CONNECTIONS AT MUD RING. PROVIDE PULL STRING.
- 5. SINGLE GANG DEEP MUD RING. LOCATE AT STANDARD HEIGHT. PROVIDE 1" CONDUIT ANCHORED TO FRAMING FROM MUD RING TO ABOVE CEILING. NO HARD CONNECTION AT MUD RING. PROVIDE PULL STRING.
- 6. SINGLE GANG DEEP MUD RING AT STANDARD HEIGHT. PROVIDE 1" CONDUIT ANCHORED TO FRAMING FROM MUD RING TO ABOVE CEILING. NO HARD CONNECTION AT MUD RING. PROVIDE PULL STRING.
- 7. WALL MOUNTED SURGE PROTECTED QUADPLEX OUTLET. LOCATE AT STANDARD WALL OUTLET HEIGHT
- 8. REMOVE AND REPLACE EX PWD WALL FIN AS REQUIRED TO INSTALL ELEC/ COMM CONDUITS AND BOXES
- 9. REMOVE EX WD TRIM AS REQUIRED TO INSTALL VTS WALL FIN (REMOVE EX VTS FIN WHEN OCCURS)
- 10. CUSTOM WIC WITH MAGNETIC TOUCH LATCH - NO TOE KICK OR SHELF - VERIFY WITH OWNERS EQUIPMENT (FOR WIDTH AND DEPTH)



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ARCHITECT



CONSULTANT

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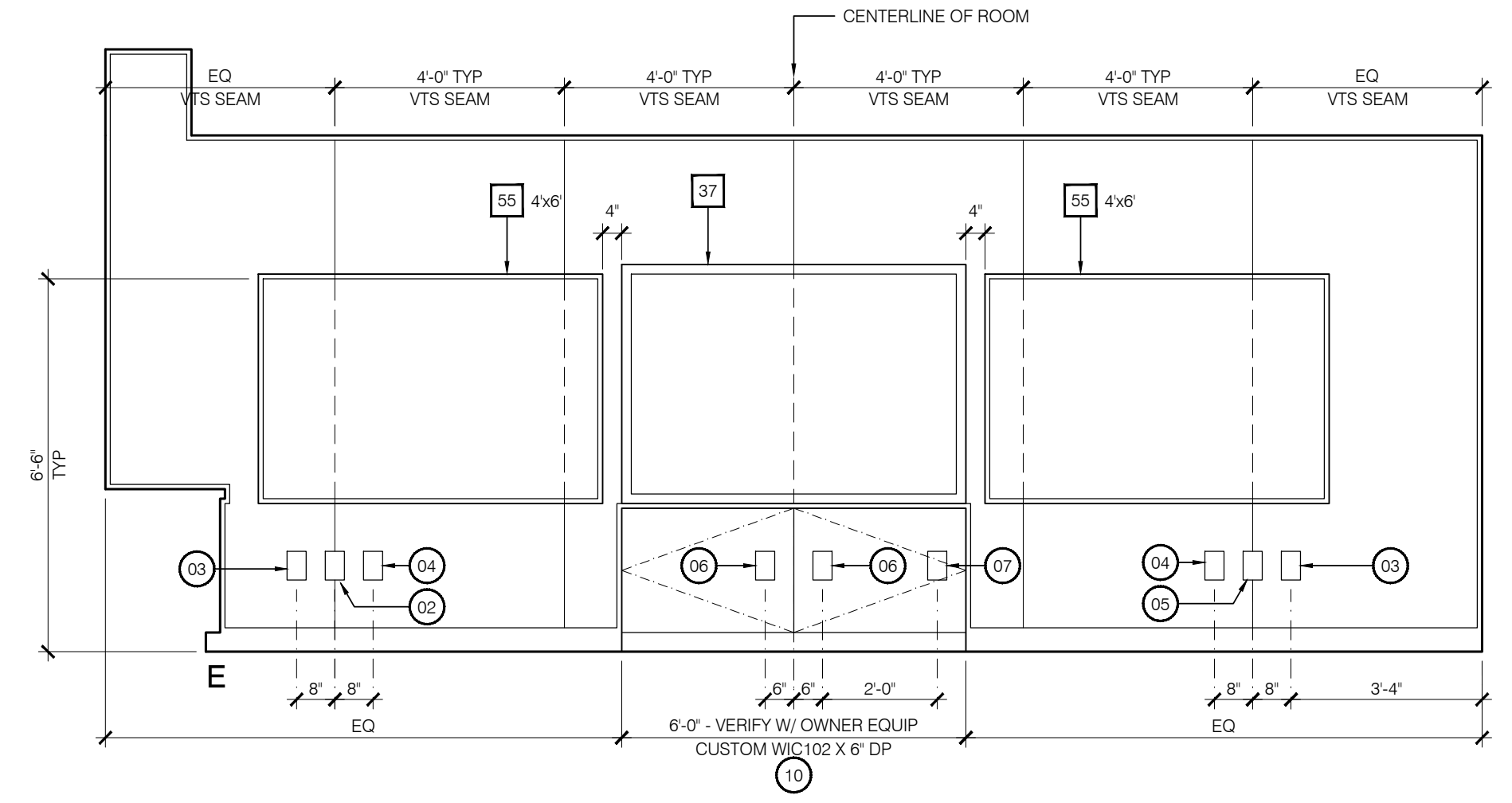
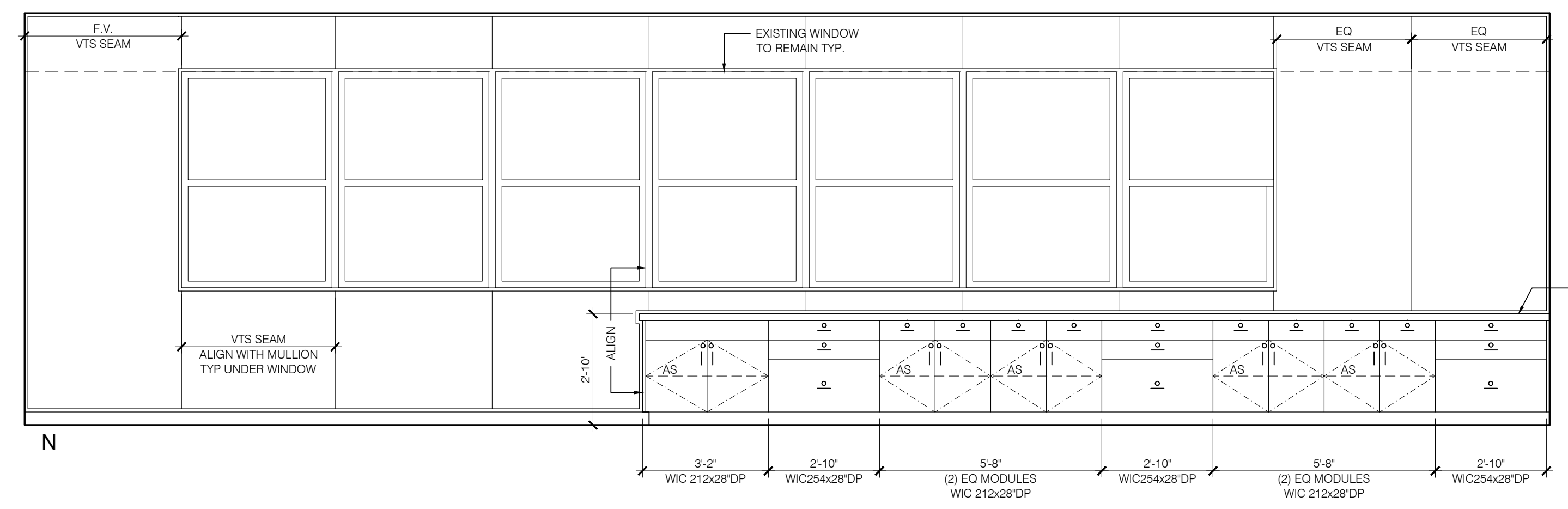
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INTERIOR ELEVATIONS

A6.00

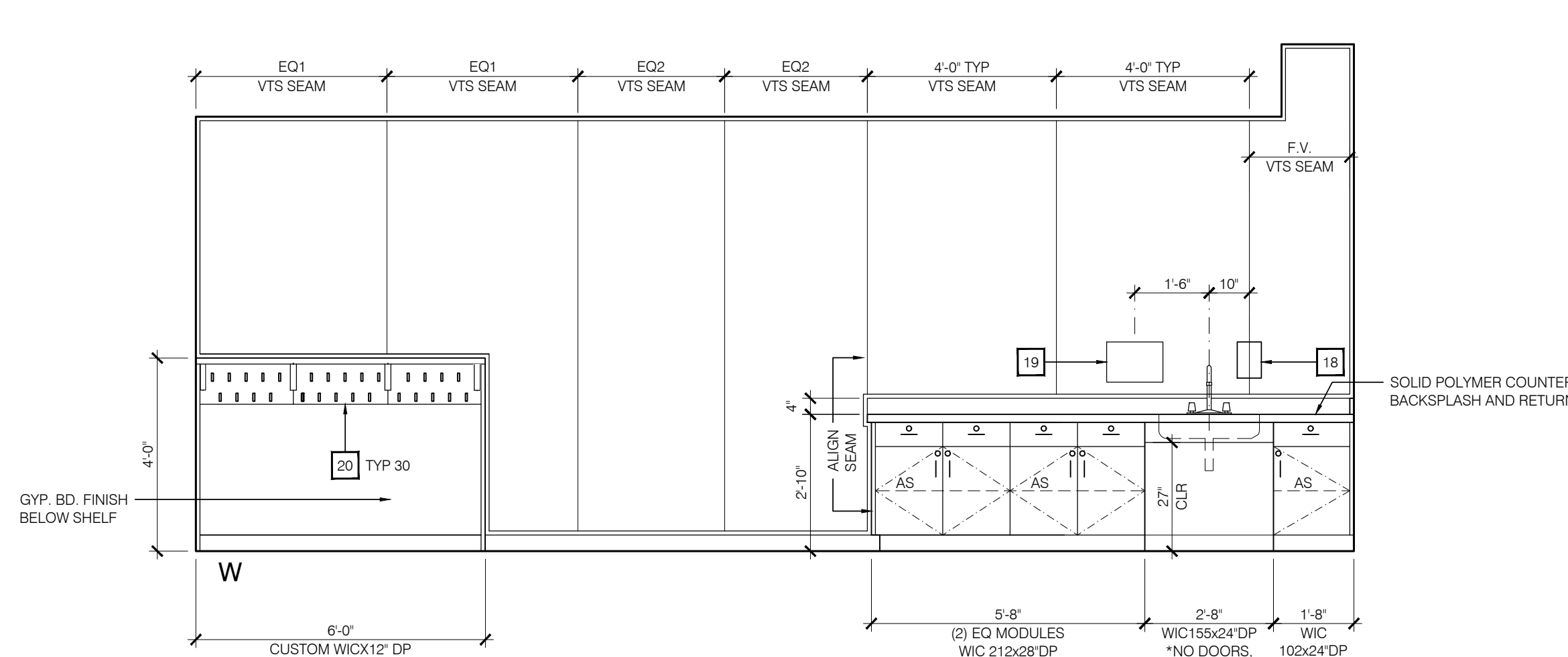
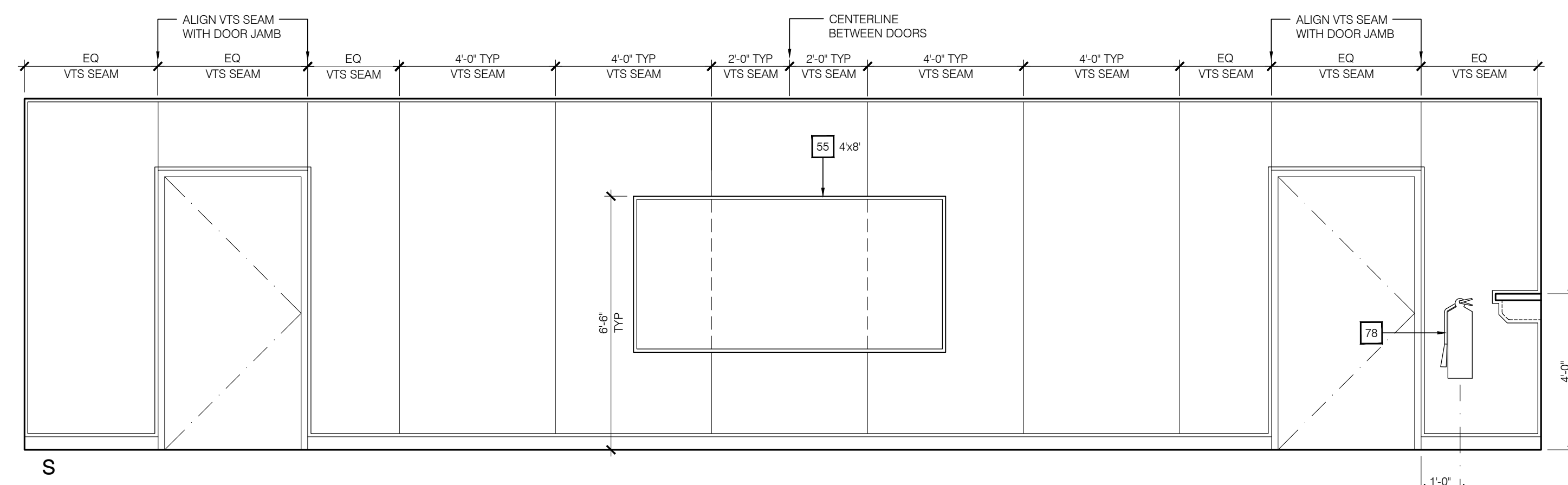


**3. Typical Classroom (U.N.O.) - Building E**

Scale: 3/8" = 1'-0"

REMOVE AND REPLACE EXISTING WALL FIN AS REQUIRED TO INSTALL ELEC/COMM CONDUITS AND BOXES

REMOVE EXISTING WOOD TRIM AS REQUIRED TO INSTALL VTS WALL FINISH

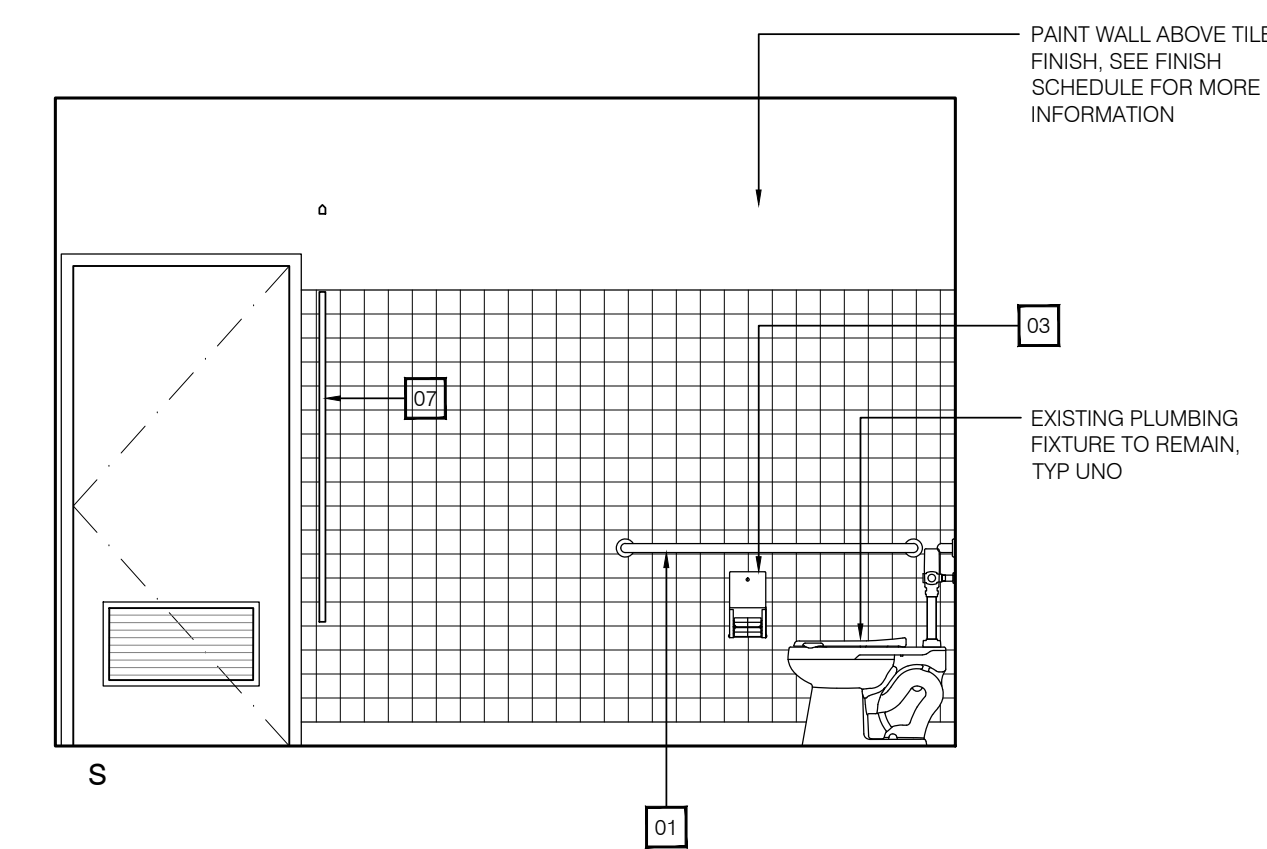
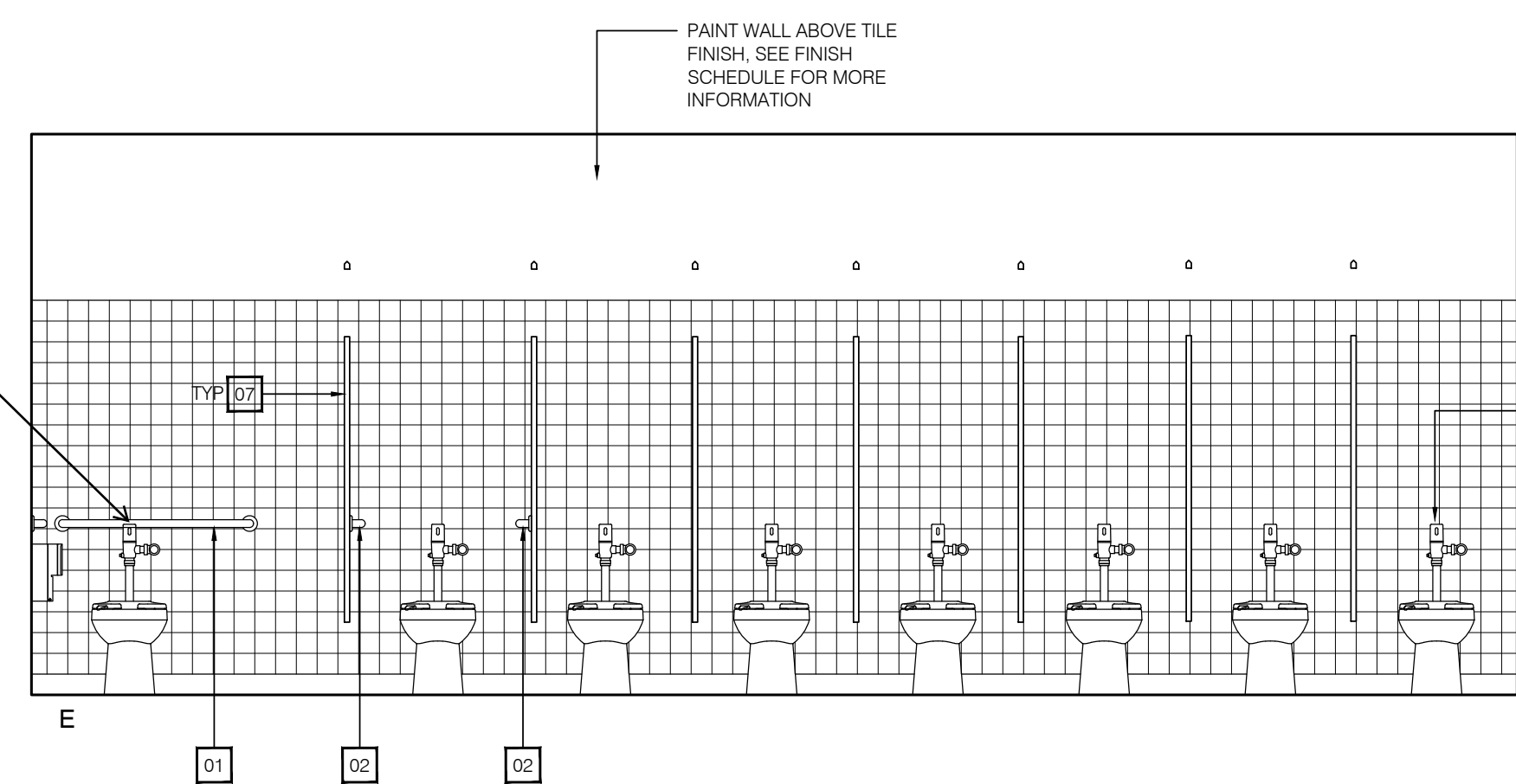
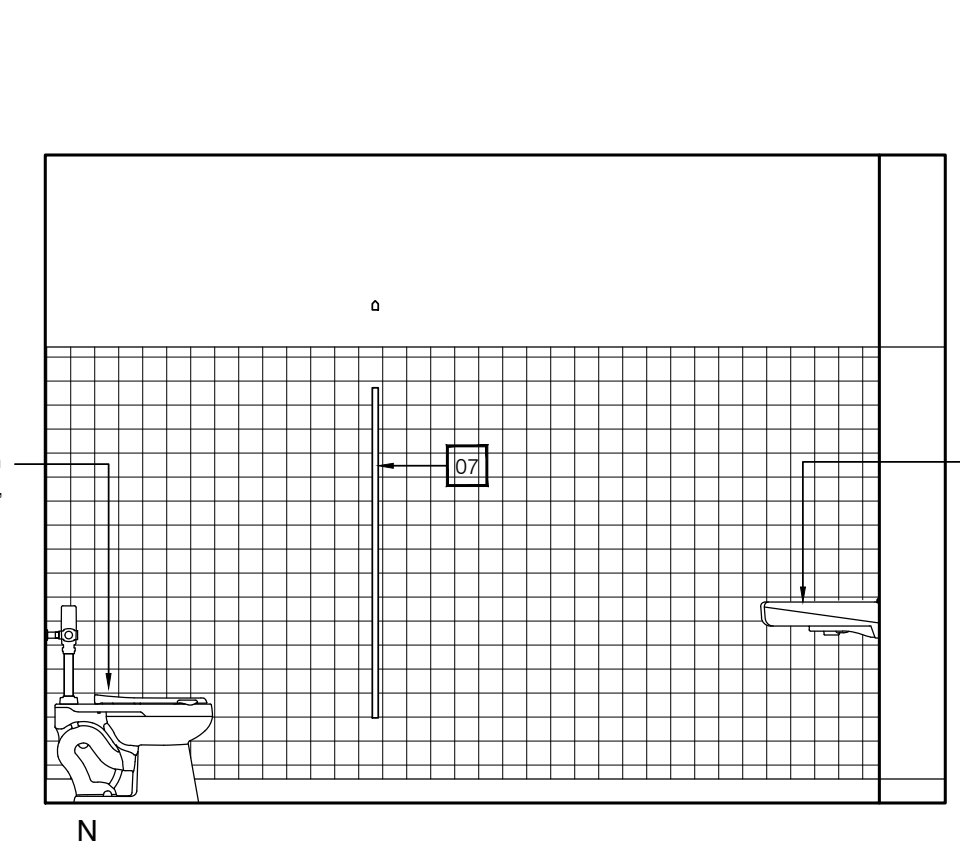


**3. Typical Classroom (U.N.O.) - Building E**

Scale: 3/8" = 1'-0"

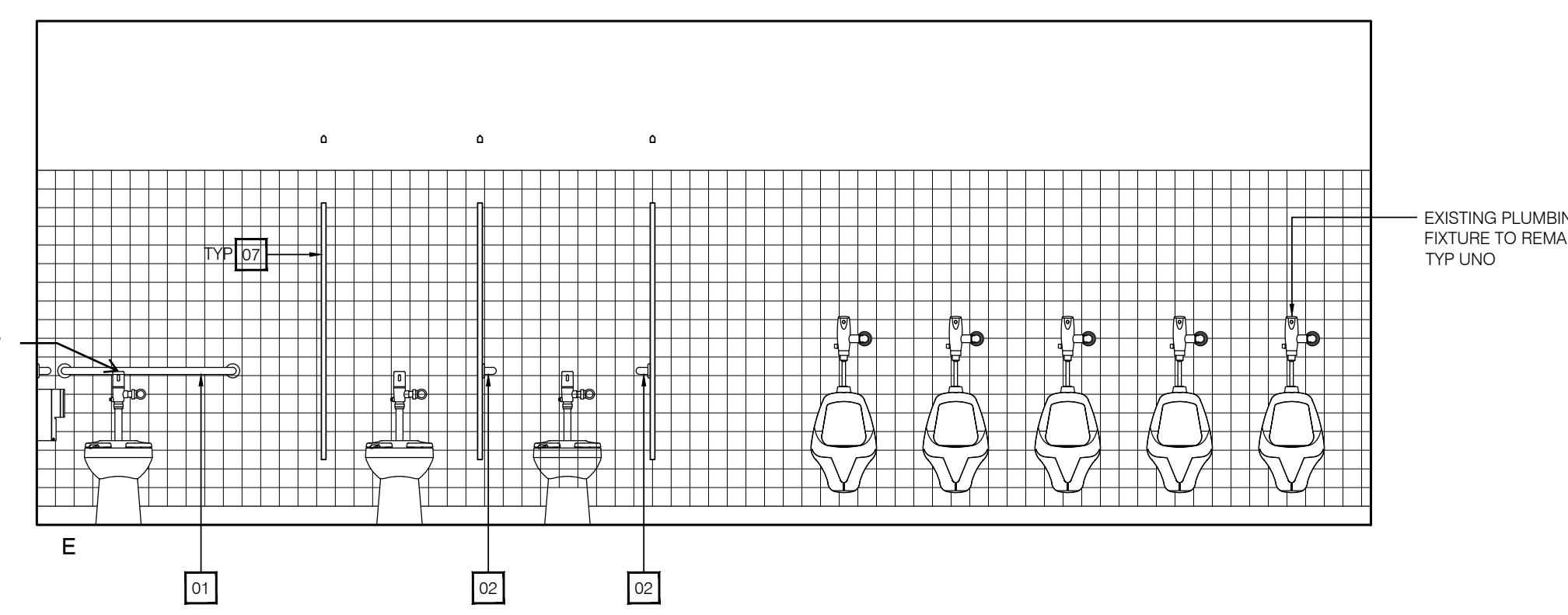
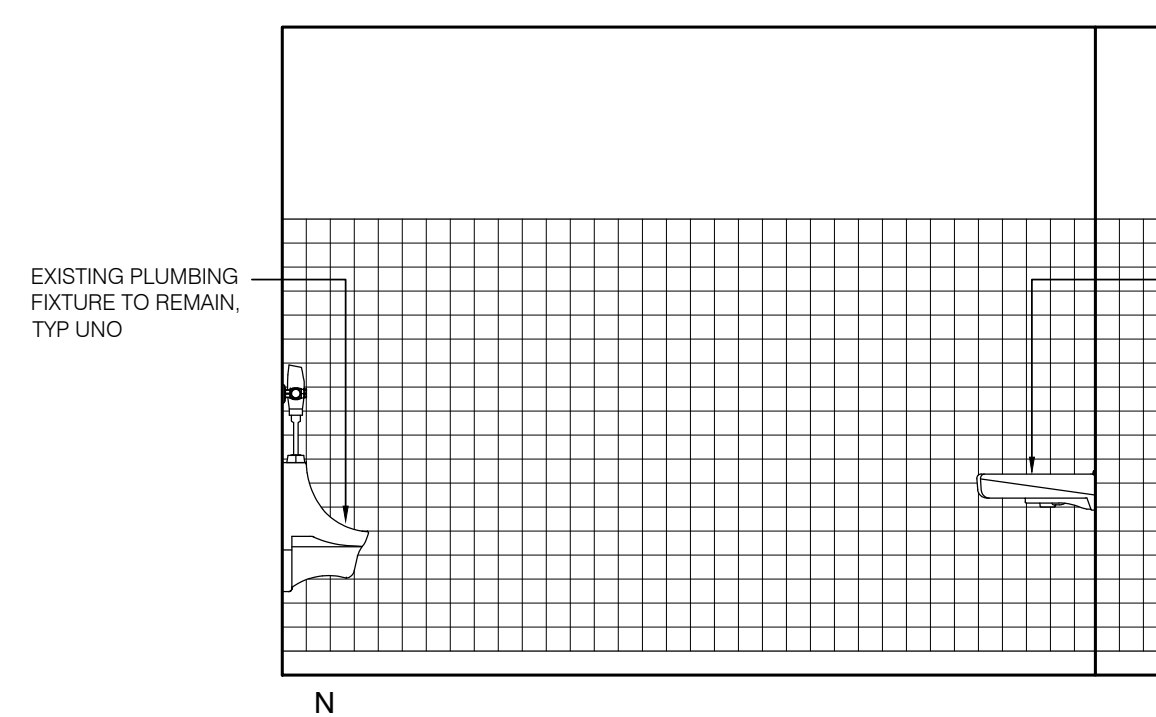
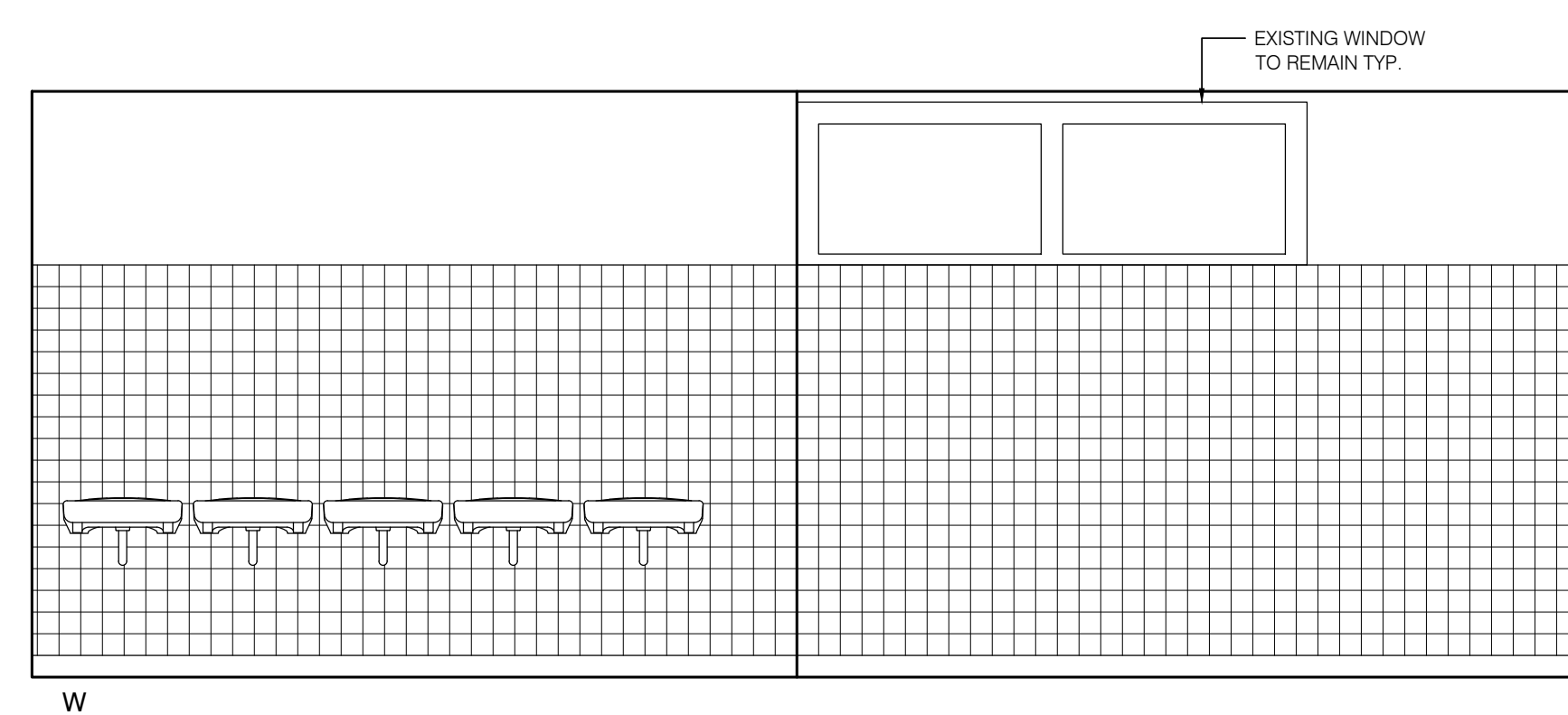
REMOVE AND REPLACE EXISTING WALL FIN AS REQUIRED TO INSTALL ELEC/COMM CONDUITS AND BOXES

REMOVE EXISTING WOOD TRIM AS REQUIRED TO INSTALL VTS WALL FINISH



**4. Girls - Building B**

Scale: 3/8" = 1'-0"



**4. Girls - Building B (Cont.)**

Scale: 3/8" = 1'-0"

**5. Boys - Building C**

Scale: 3/8" = 1'-0"

**GENERAL NOTES**

1. SEE MECH SHTS FOR THERMOSTAT LOCATIONS.
2. SEE SHT A2.00 ACCESSORY SCHEDULE FOR ITEMS KEYED TO ACCESSORY.
3. CABINET DOORS AND DRAWERS TO HAVE KEYPED LOCKS UNO.
4. ALL EXISTING SURFACE MTD RACEWAYS NOT SHOWN - FIELD VERIFY AND COORDINATE WITH WORK INDICATED.
5. "NCA #1" REFERS TO THE NORTH AMERICAN ARCHITECTURAL WOODWORK STANDARDS (NAAWS) CABINET DESIGN SERIES. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

**TYPICAL DETAILS**

01 ACCESSIBLE DRINKING FOUNTAIN REFERENCE	08 ACCESSIBLE TOILET STALL REFERENCE
02 ACCESSIBLE URINAL REFERENCE	09 ACCESSIBLE COUNTER SINK AT CABINET REFERENCE
03 NON ACCESSIBLE TOILET REFERENCE	10 TYPICAL CABINET MOUNTING
04 ACCESSORY MOUNTING HEIGHTS	11 DOOR SIGN INSTALLATION
05 WOOD BACKING	12 RECESS MOUNTING BACKING (WD STUD)
06 SEMI-AMBULATORY TOILET REFERENCE	

**INTERIOR ELEVATION KEYNOTES**

- 01 NOT USED
- 02 BOX ONLY (DATA OUTLET) - 3/4" CONDUIT STUBBED ABOVE CEILING
- 03 STANDARD SURGE PROTECTED DUPLEX OUTLET. LOCATE OUTLETS AS INDICATED ON THE PLAN
- 04 DOUBLE GANG DEEP MUD RING. LOCATE AT STANDARD HEIGHT. PROVIDE 1" CONDUIT ANCHORED TO FRAMING FROM MUD RING TO ABOVE CEILING. NO HARD CONNECTIONS AT MUD RING. PROVIDE PULL STRING.
- 05 SINGLE GANG DEEP MUD RING. LOCATE AT STANDARD HEIGHT. PROVIDE 1" CONDUIT ANCHORED TO FRAMING FROM MUD RING TO ABOVE CEILING. NO HARD CONNECTION AT MUD RING. PROVIDE PULL STRING.
- 06 SINGLE GANG DEEP MUD RING AT STANDARD HEIGHT. PROVIDE 1" CONDUIT ANCHORED TO FRAMING FROM MUD RING TO ABOVE CEILING. NO HARD CONNECTION AT MUD RING. PROVIDE PULL STRING.
- 07 WALL MOUNTED SURGE PROTECTED QUADPLEX OUTLET. LOCATE AT STANDARD WALL OUTLET HEIGHT
- 08 REMOVE AND REPLACE EX PWD WALL FIN AS REQUIRED TO INSTALL ELEC/ COMM CONDUITS AND BOXES
- 09 REMOVE EX WD TRIM AS REQUIRED TO INSTALL VTS WALL FIN (REMOVE EX VTS FIN WH OCCURS)
- 10 CUSTOM WIC W/ HD MAGNETIC TOUCH LATCH - NO TOE KICK OR SHELF - VERIFY WITH OWNERS EQUIPMENT (FOR WIDTH AND DEPTH)

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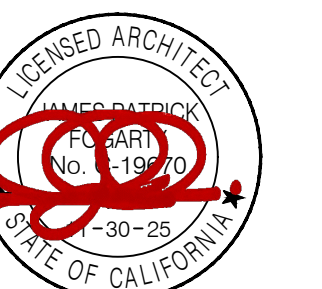
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**ARCHITECT**



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**REVISIONS**

No	Date	Item

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**INTERIOR ELEVATIONS**

**A6.01**

**GENERAL NOTES**

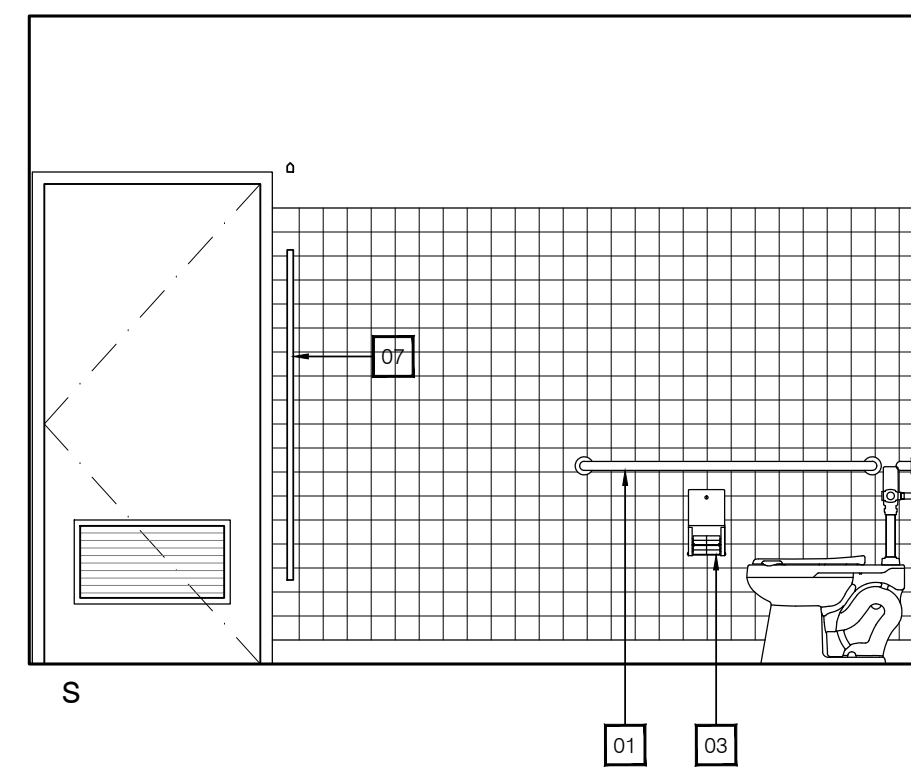
- SEE MECH SHTS FOR THERMOSTAT LOCATIONS.
- SEE SHT A2.00 ACCESSORY SCHEDULE FOR ITEMS KEYED TO ACCESSORY: [ ]
- CABINET DOORS AND DRAWERS TO HAVE KEYED LOCKS UNLO.
- ALL EXISTING SURFACE MTD RACEWAYS NOT SHOWN - FIELD VERIFY AND COORDINATE WITH WORK INDICATED.
- "NCA #1" REFERS TO THE NORTH AMERICAN ARCHITECTURAL WOODWORK STANDARDS (NAAWS) CABINET DESIGN SERIES. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

**TYPICAL DETAILS**

1. ACCESSIBLE DRINKING FOUNTAIN REFERENCE	11. ACCESSIBLE TOILET STALL REFERENCE
2. ACCESSIBLE URINAL REFERENCE	12. ACCESSIBLE COUNTER SINK AT CABINET REFERENCE
3. NON ACCESSIBLE TOILET REFERENCE	13. TYPICAL CABINET MOUNTING
4. ACCESSORY MOUNTING HEIGHTS	14. DOOR SIGN INSTALLATION
5. WOOD BACKING	15. RECESS MOUNTING BACKING (WD STUD)
6. SEMI-AMBULATORY TOILET REFERENCE	

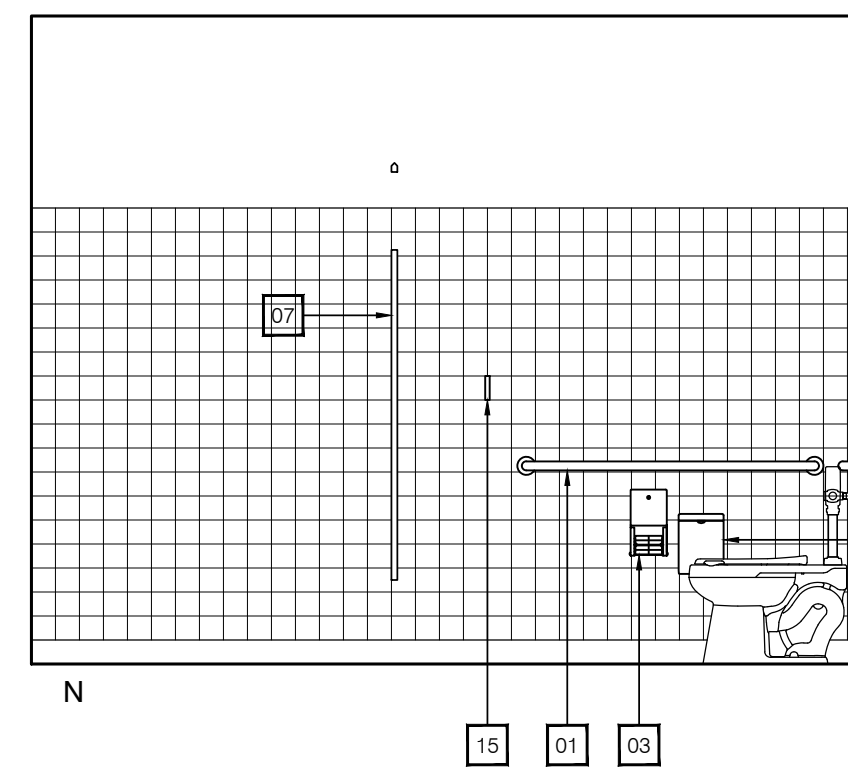
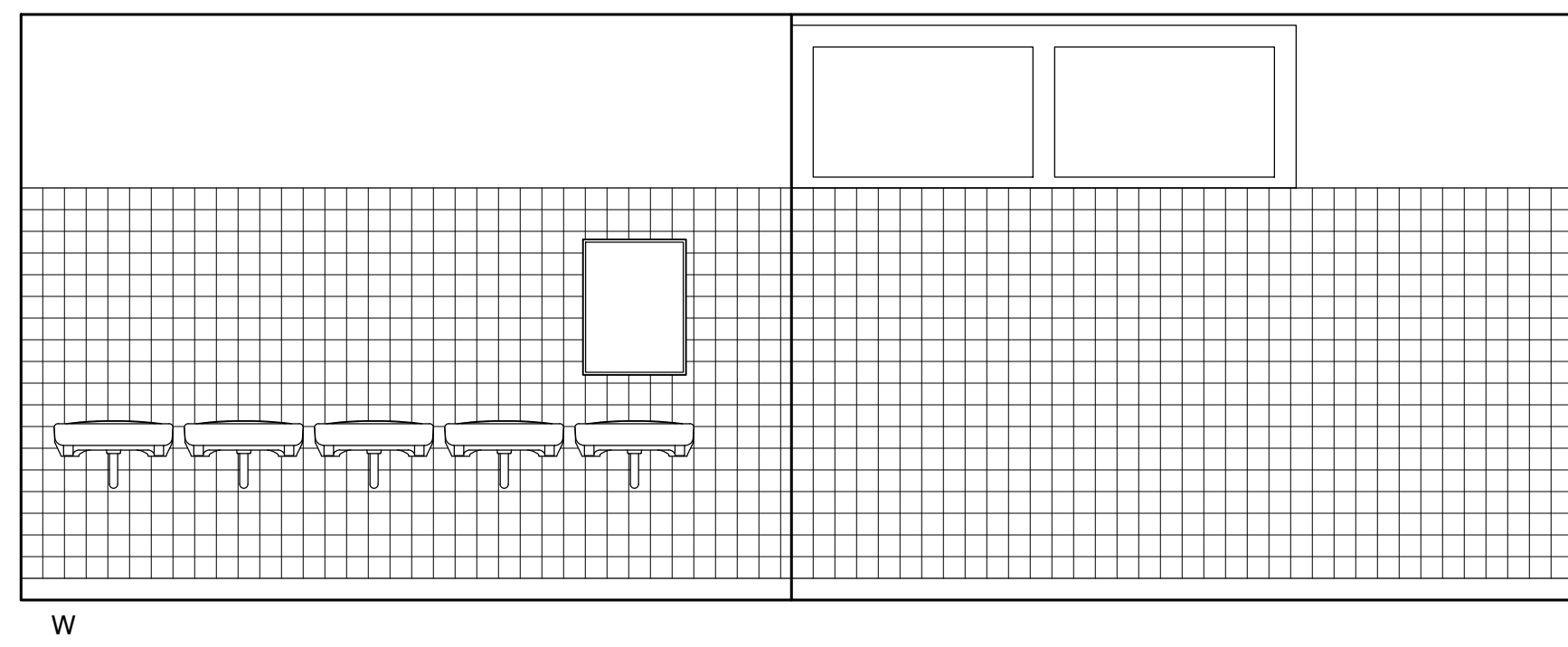
**INTERIOR ELEVATION KEYNOTES**

- 1. NOT USED
- 2. J-BOX ONLY (DATA OUTLET) - 3/4" CONDUIT STUBBED ABOVE CEILING
- 3. STANDARD SURGE PROTECTED DUPLEX OUTLET. LOCATE OUTLETS AS INDICATED ON THE PLAN
- 4. DOUBLE GANG DEEP MUD RING. LOCATE AT STANDARD HEIGHT. PROVIDE 1" CONDUIT ANCHORED TO FRAMING FROM MUD RING TO ABOVE CEILING. NO HARD CONNECTIONS AT MUD RING. PROVIDE PULL STRING.
- 5. SINGLE GANG DEEP MUD RING. LOCATE AT STANDARD HEIGHT. PROVIDE 1" CONDUIT ANCHORED TO FRAMING FROM MUD RING TO ABOVE CEILING. NO HARD CONNECTION AT MUD RING. PROVIDE PULL STRING.
- 6. SINGLE GANG DEEP MUD RING AT STANDARD HEIGHT. PROVIDE 1" CONDUIT ANCHORED TO FRAMING FROM MUD RING TO ABOVE CEILING. NO HARD CONNECTION AT MUD RING. PROVIDE PULL STRING.
- 7. WALL MOUNTED SURGE PROTECTED QUADPLEX OUTLET. LOCATE AT STANDARD WALL OUTLET HEIGHT
- 8. REMOVE AND REPLACE EX PVD WALL FIN AS REQUIRED TO INSTALL ELEC COMM CONDUITS AND BOXES
- 9. REMOVE EX WD TRIM AS REQUIRED TO INSTALL VTS WALL FIN (REMOVE EX VTS FIN WHEN OCCURS)
- 10. CUSTOM MCO WITH MAGNETIC TOUCH LATCH - NO TOE NICK OR SHELF - VERIFY WITH OWNERS EQUIPMENT (FOR WIDTH AND DEPTH)



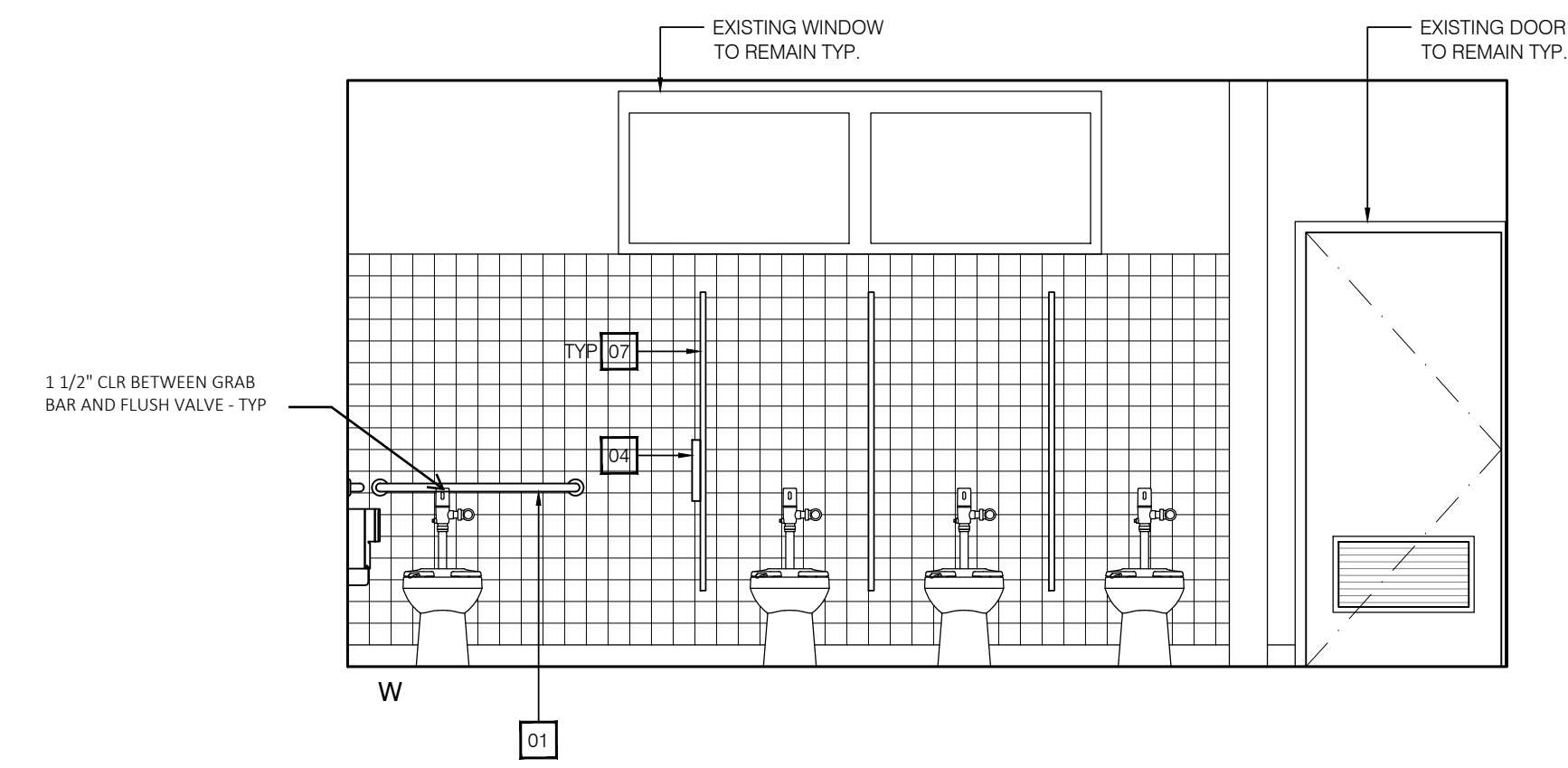
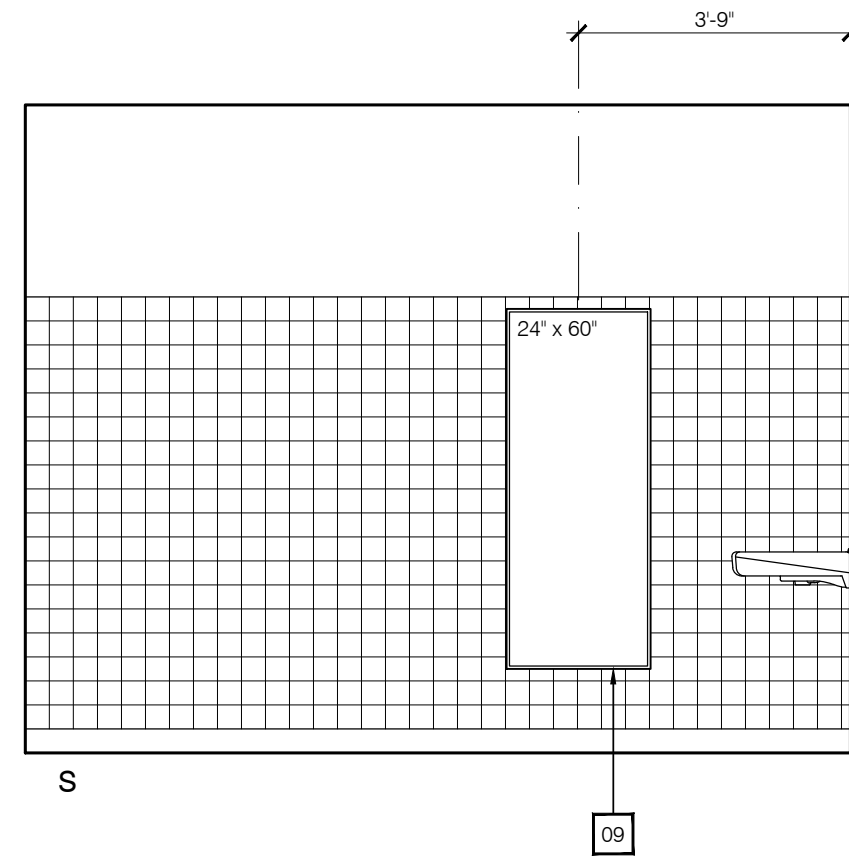
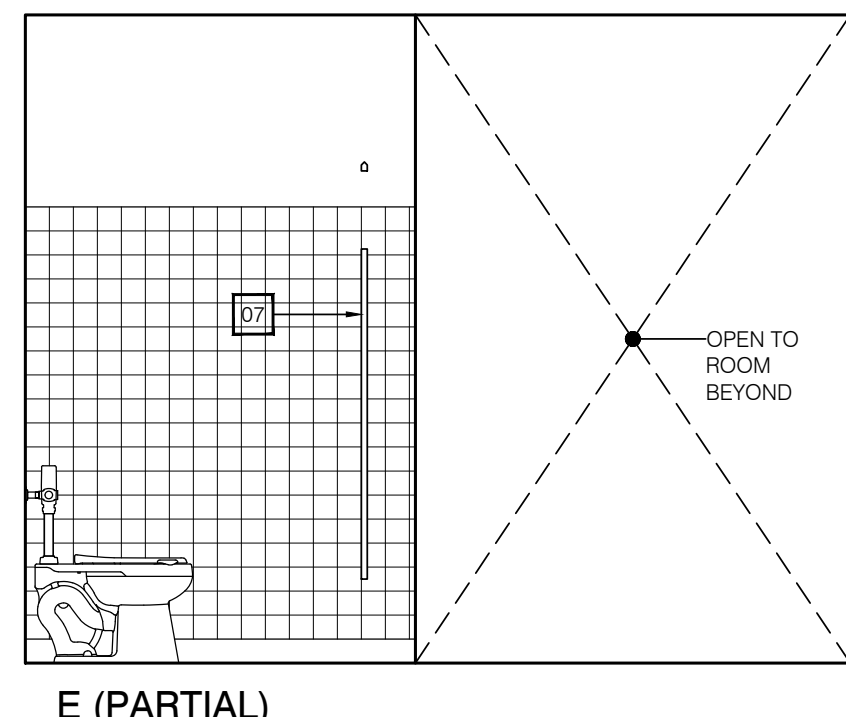
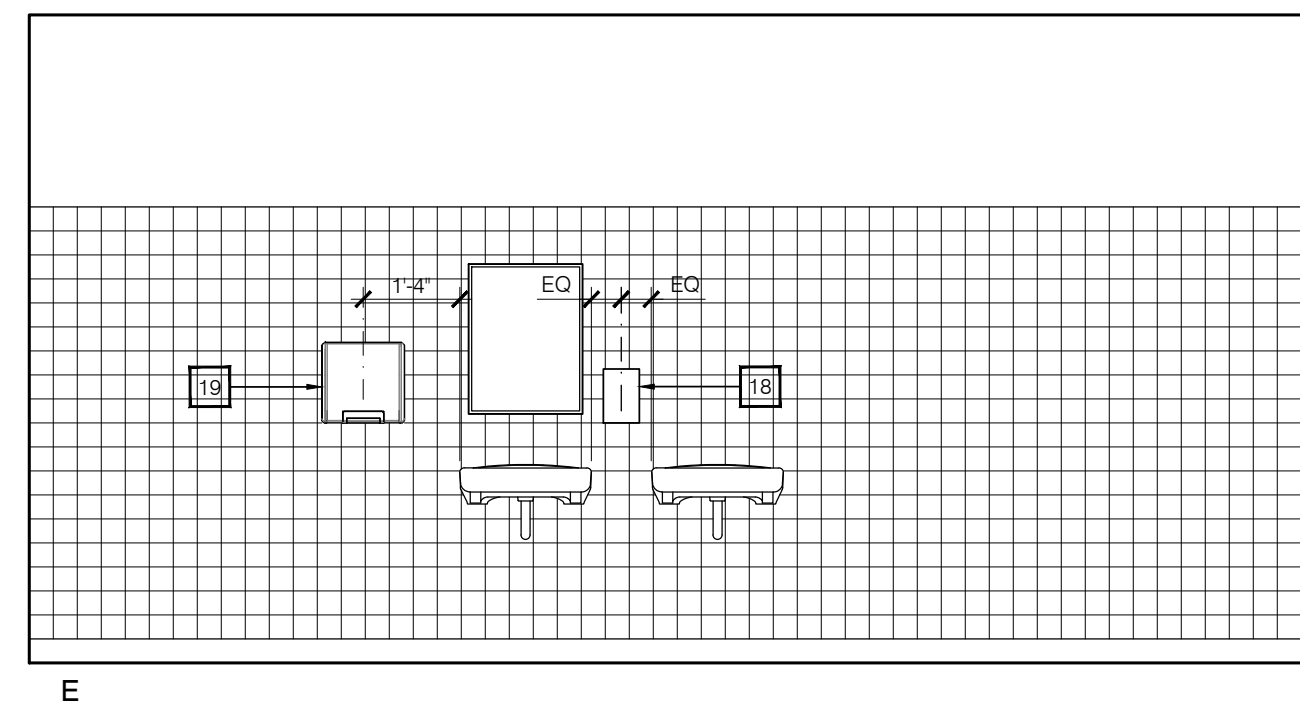
**5. Boys - Building C (Cont.)**

Scale: 3/8" = 1'-0"



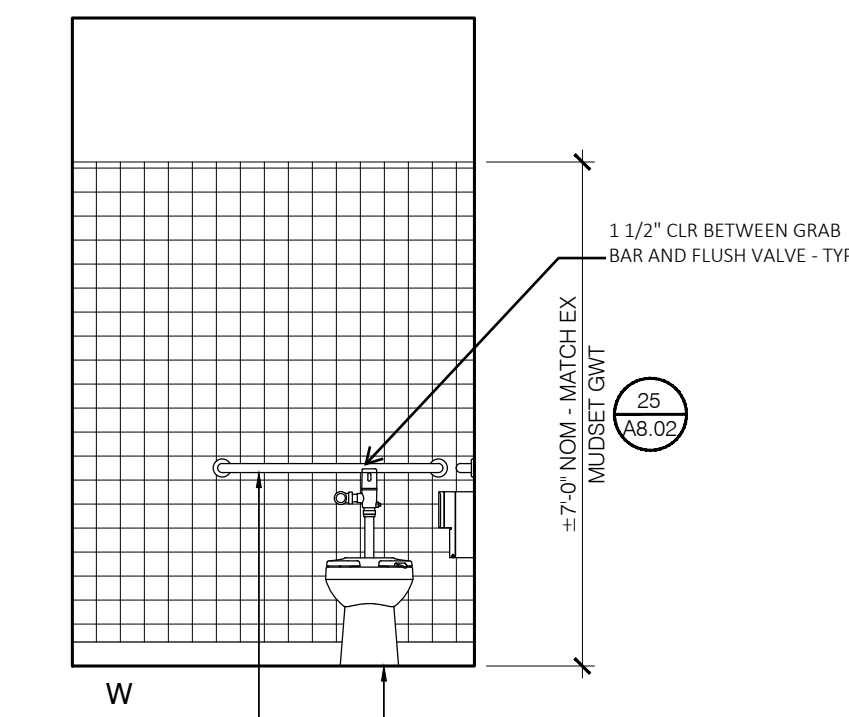
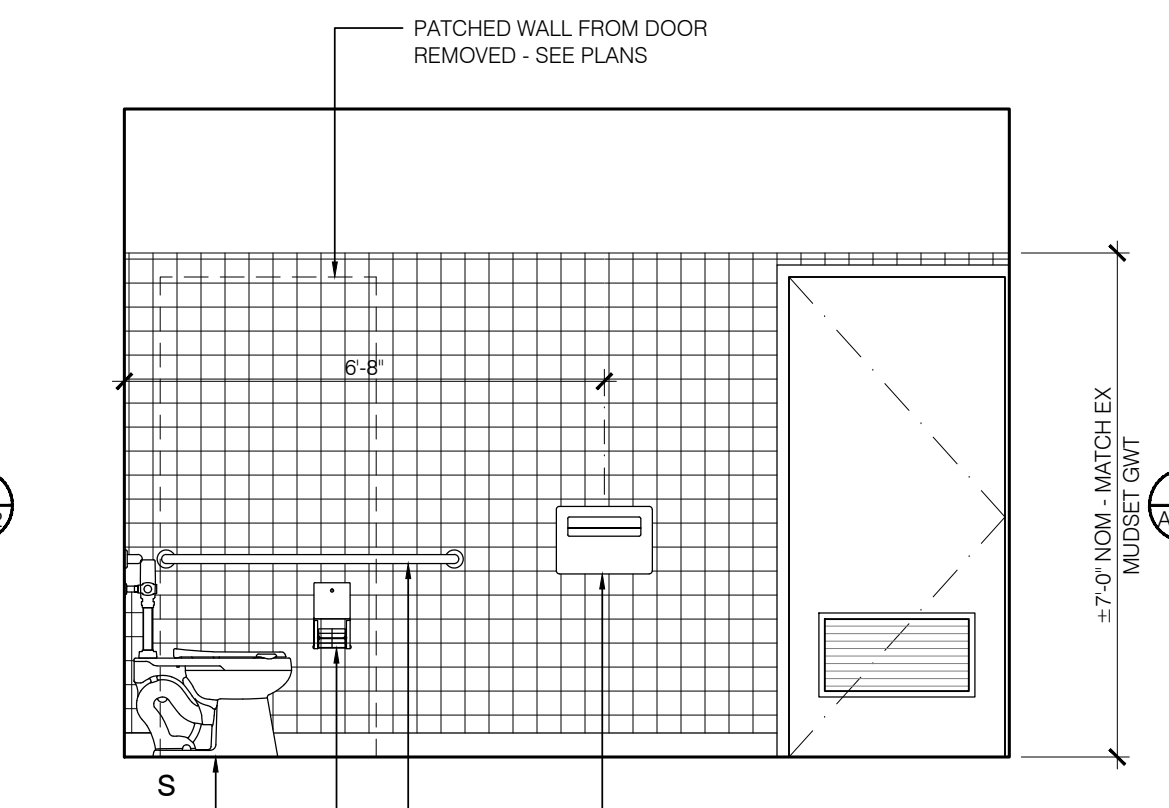
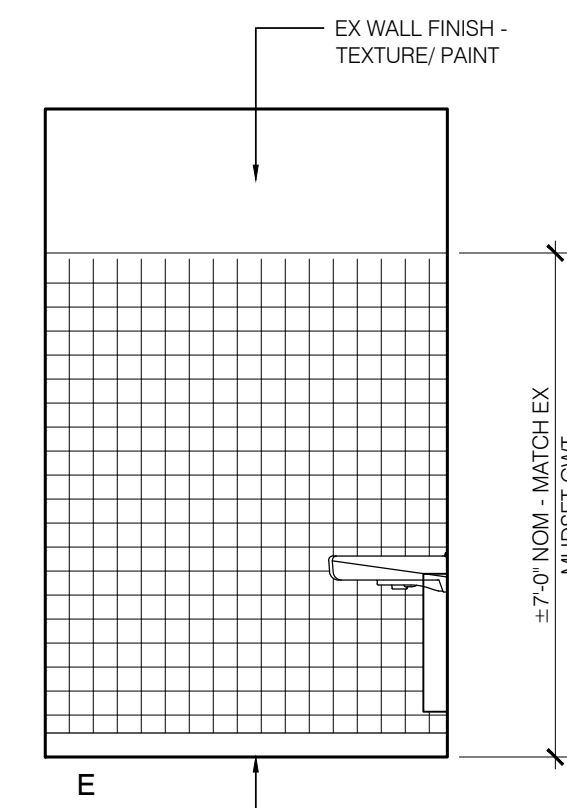
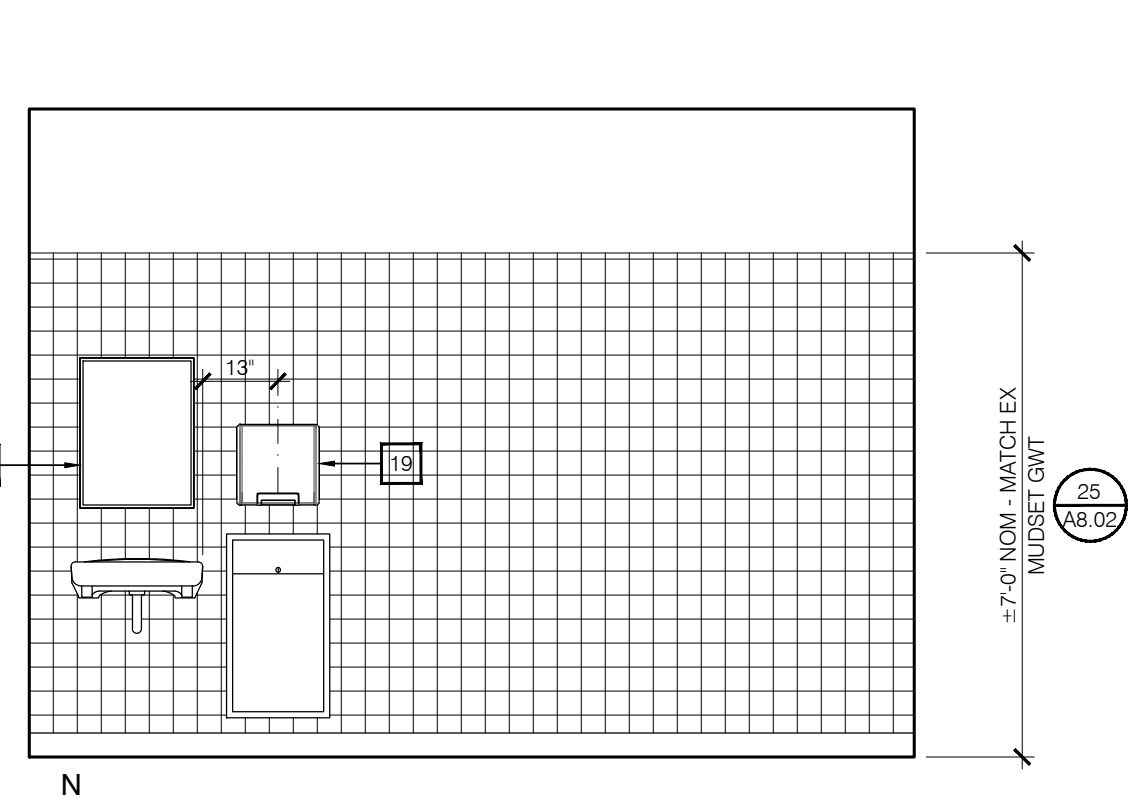
**6. Women Staff - Building D**

Scale: 3/8" = 1'-0"



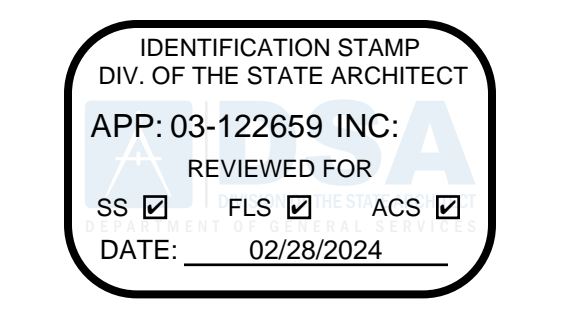
**6. Women Staff - Building D (Cont.)**

Scale: 3/8" = 1'-0"



**7. Men Staff - Building D**

Scale: 3/8" = 1'-0"



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**CAMPUS HVAC SYSTEM UPGRADE & SITE IMPROVEMENTS**

**Mt Vernon Elementary School**  
2161 Potomac Ave, Bakersfield, CA 93307  
Bakersfield City School District

**ARCHITECT**



**CONSULTANT**

**PROJECT INFO**

Project No	566-0015
Date	10.12.23
DSA File No	15-6
DSA No	03-122659

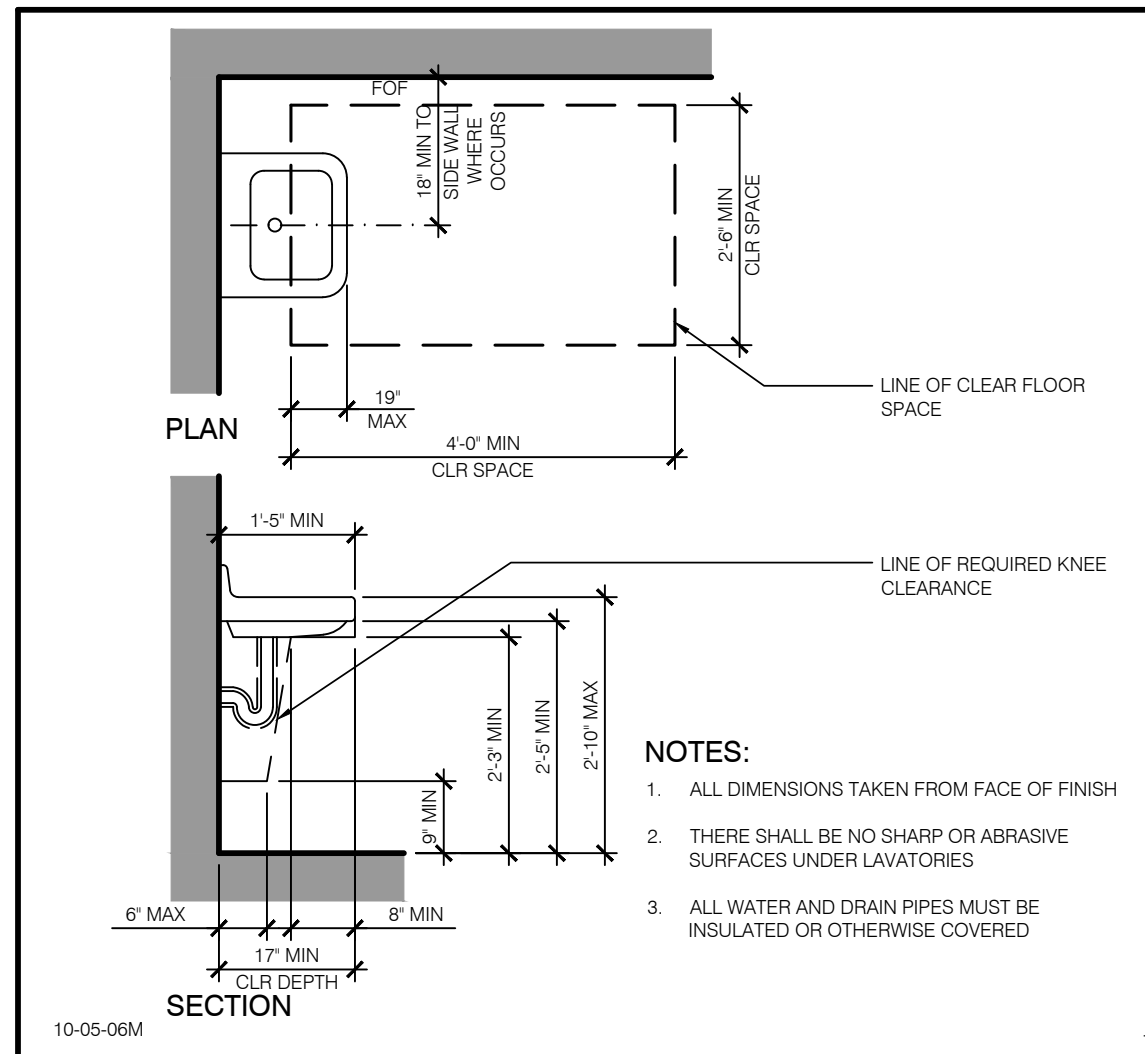
**REVISIONS**

No	Date	Item

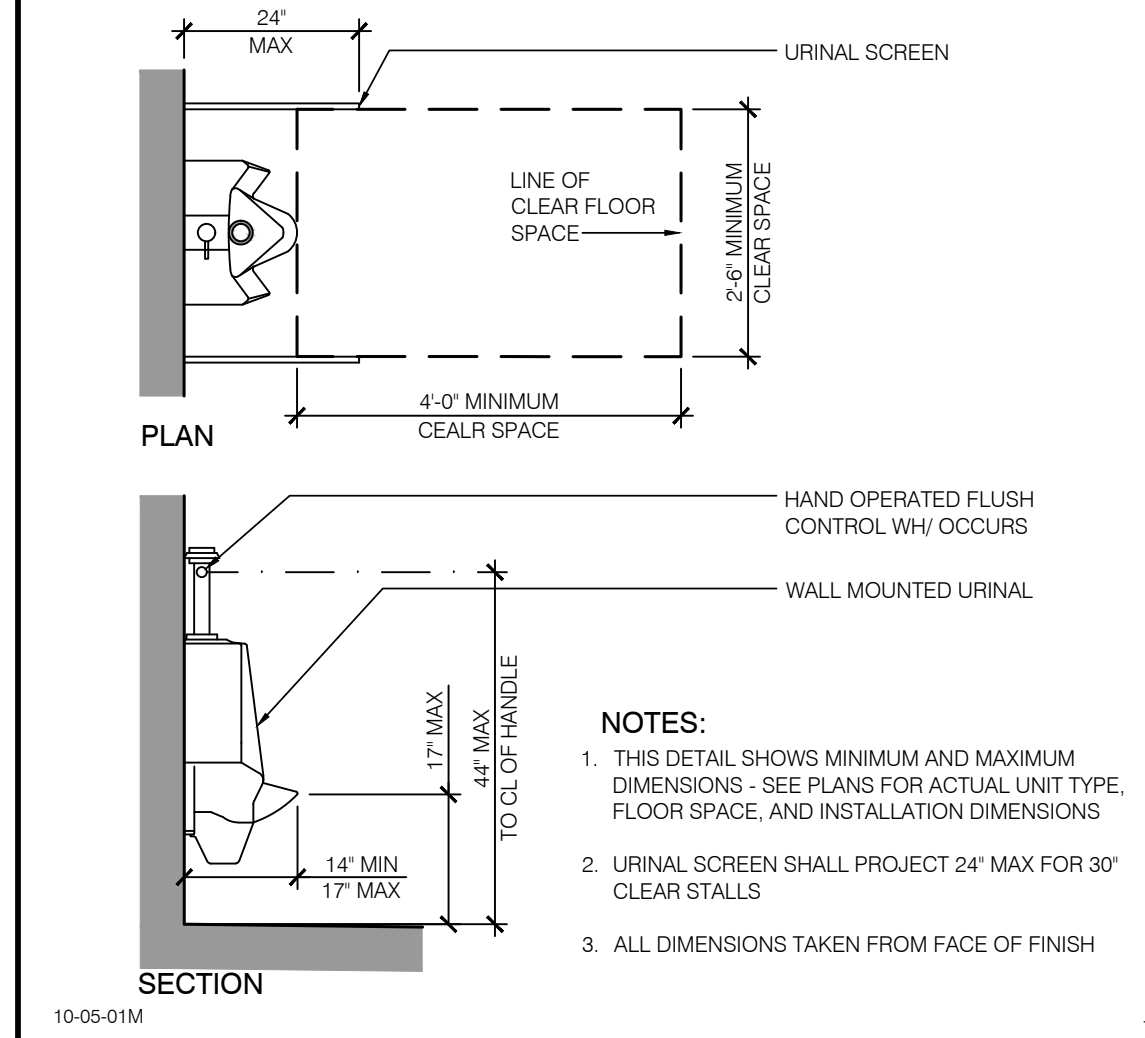
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**INTERIOR ELEVATIONS**

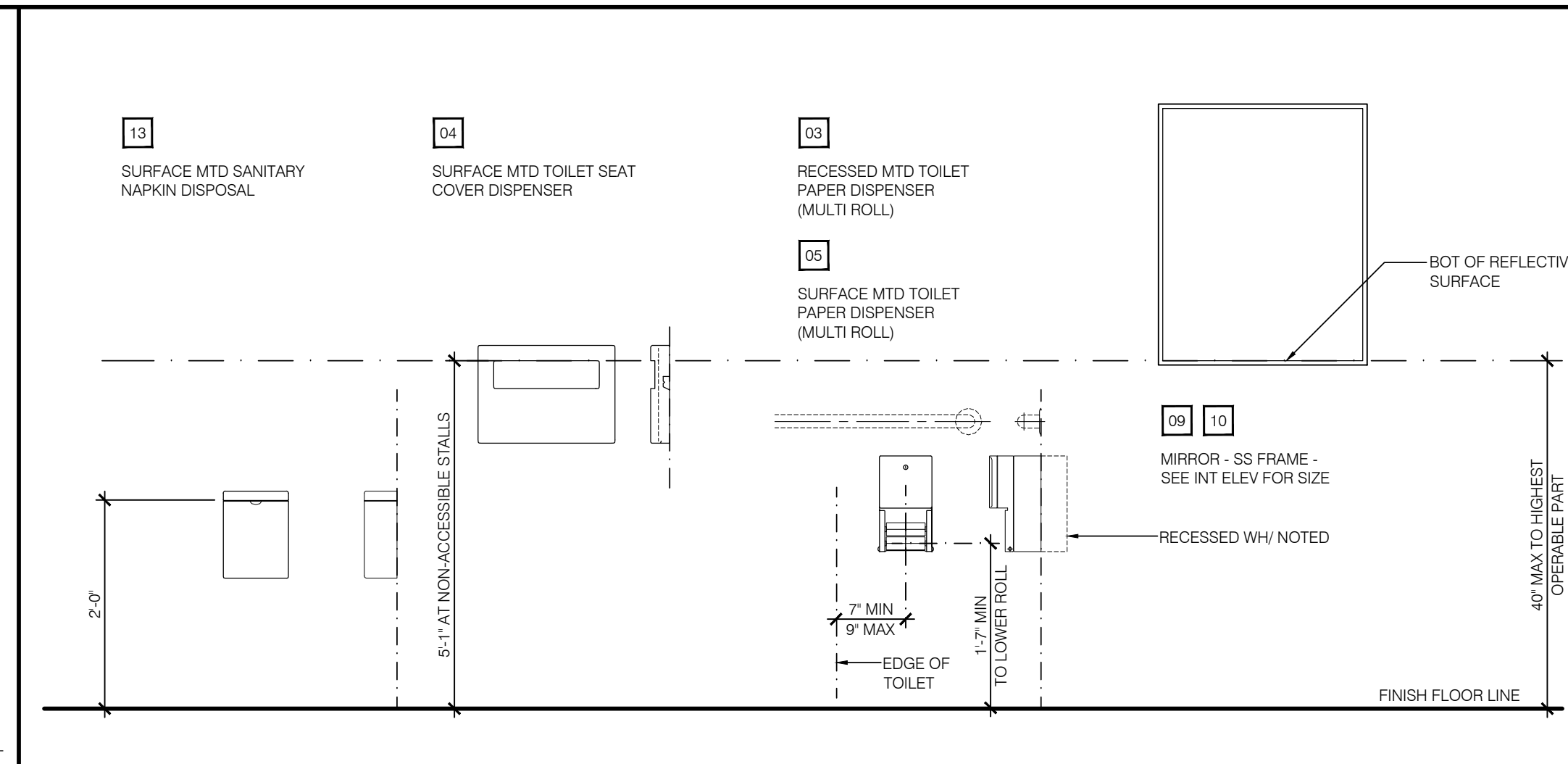
**A6.02**



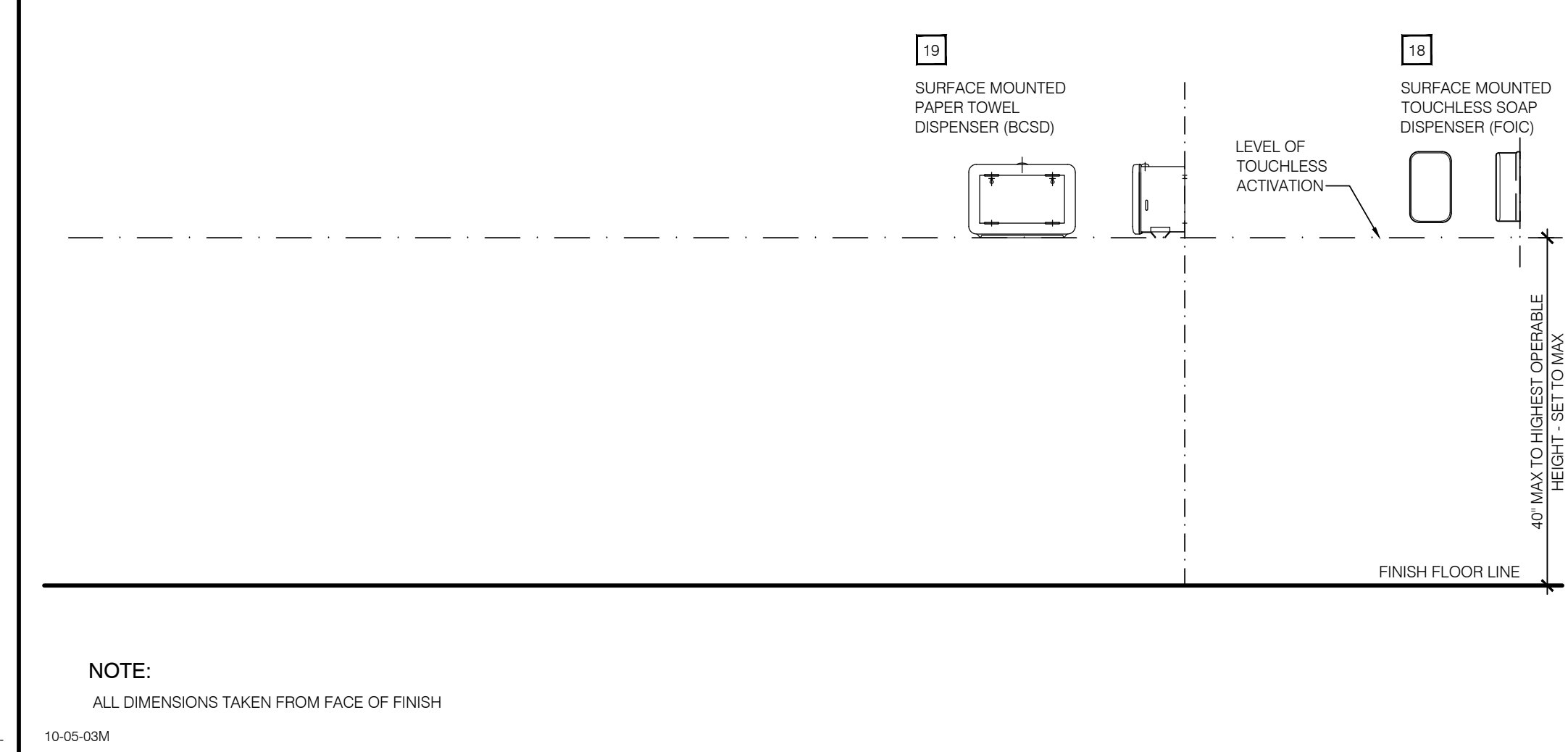
11) ACCESSIBLE LAVATORY REQUIREMENTS : 1/2"



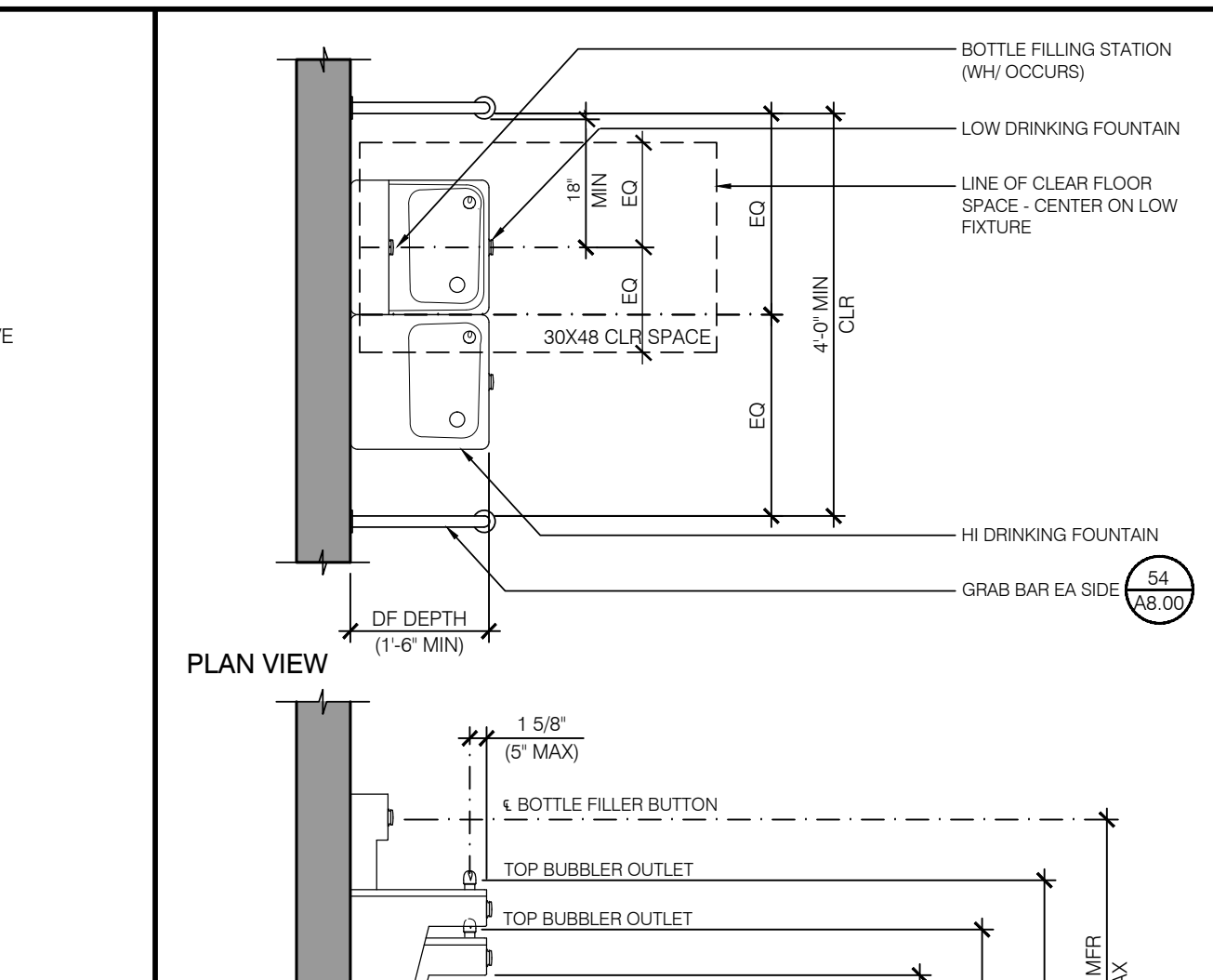
21) ACCESSIBLE URINAL REQUIREMENTS : 1/2"



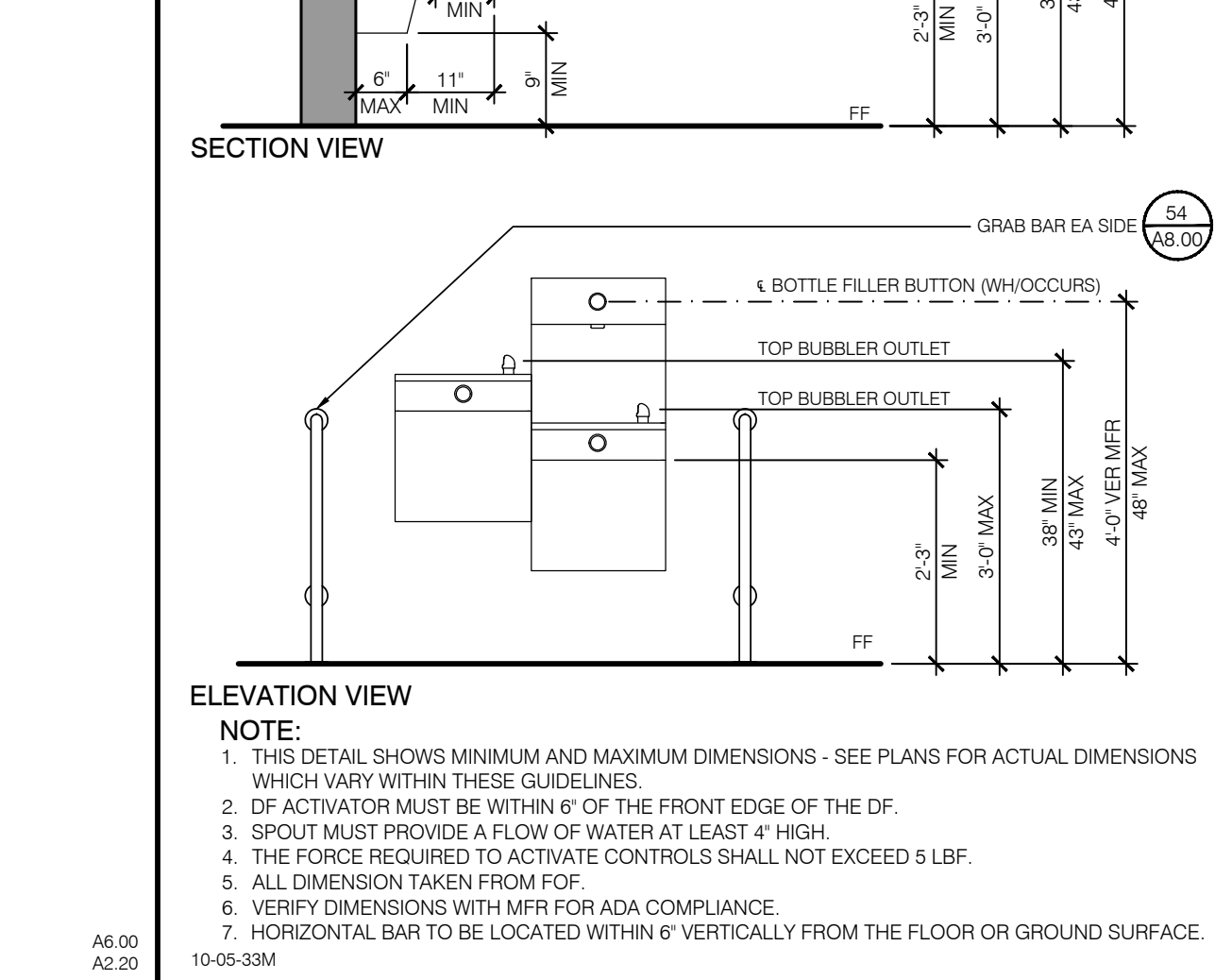
13) SURFACE MTD SANITARY NAPKIN DISPOSAL : 1/2"



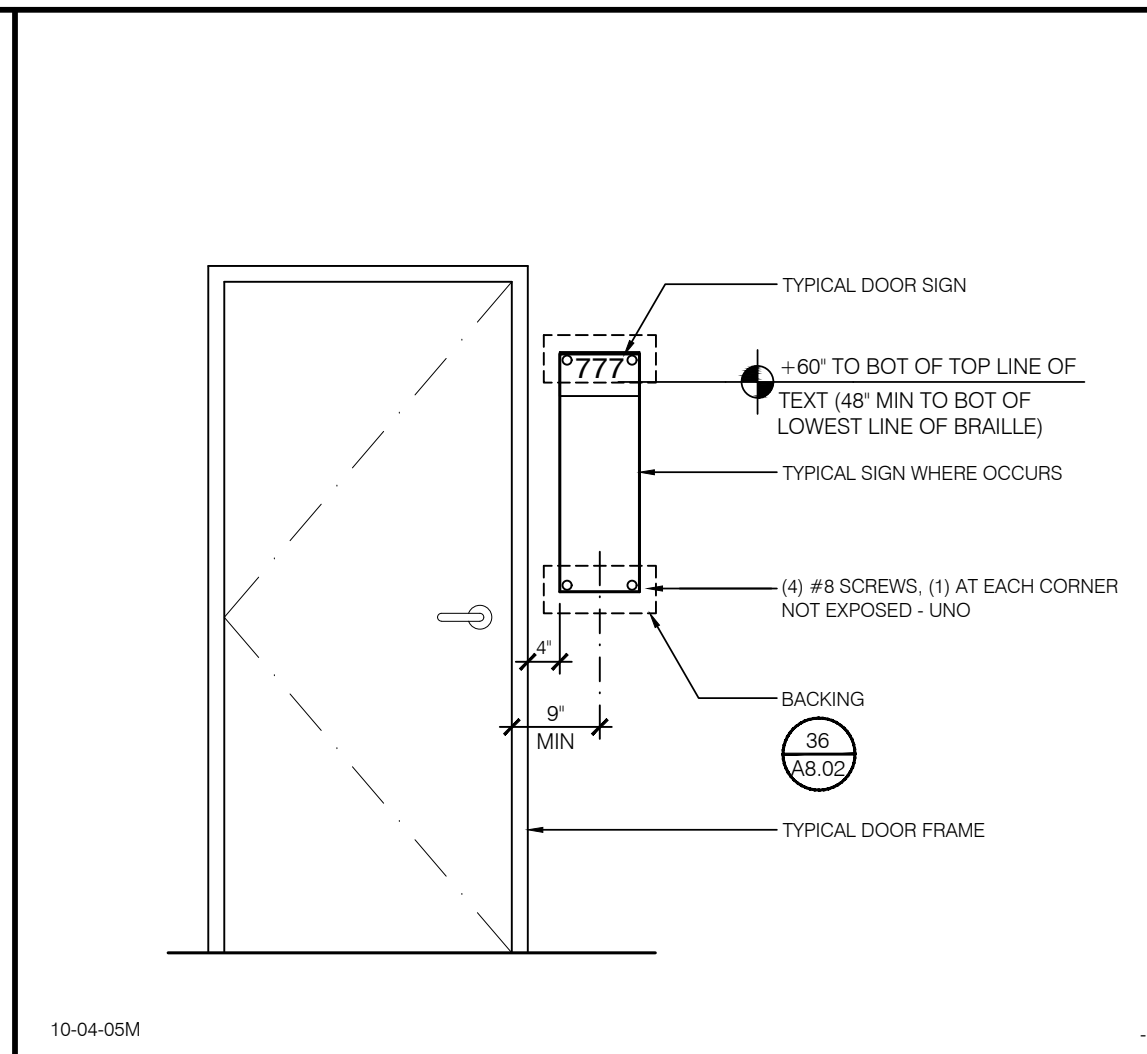
22) ACCESSORY MOUNTING HEIGHTS (UNO) : 3/4"



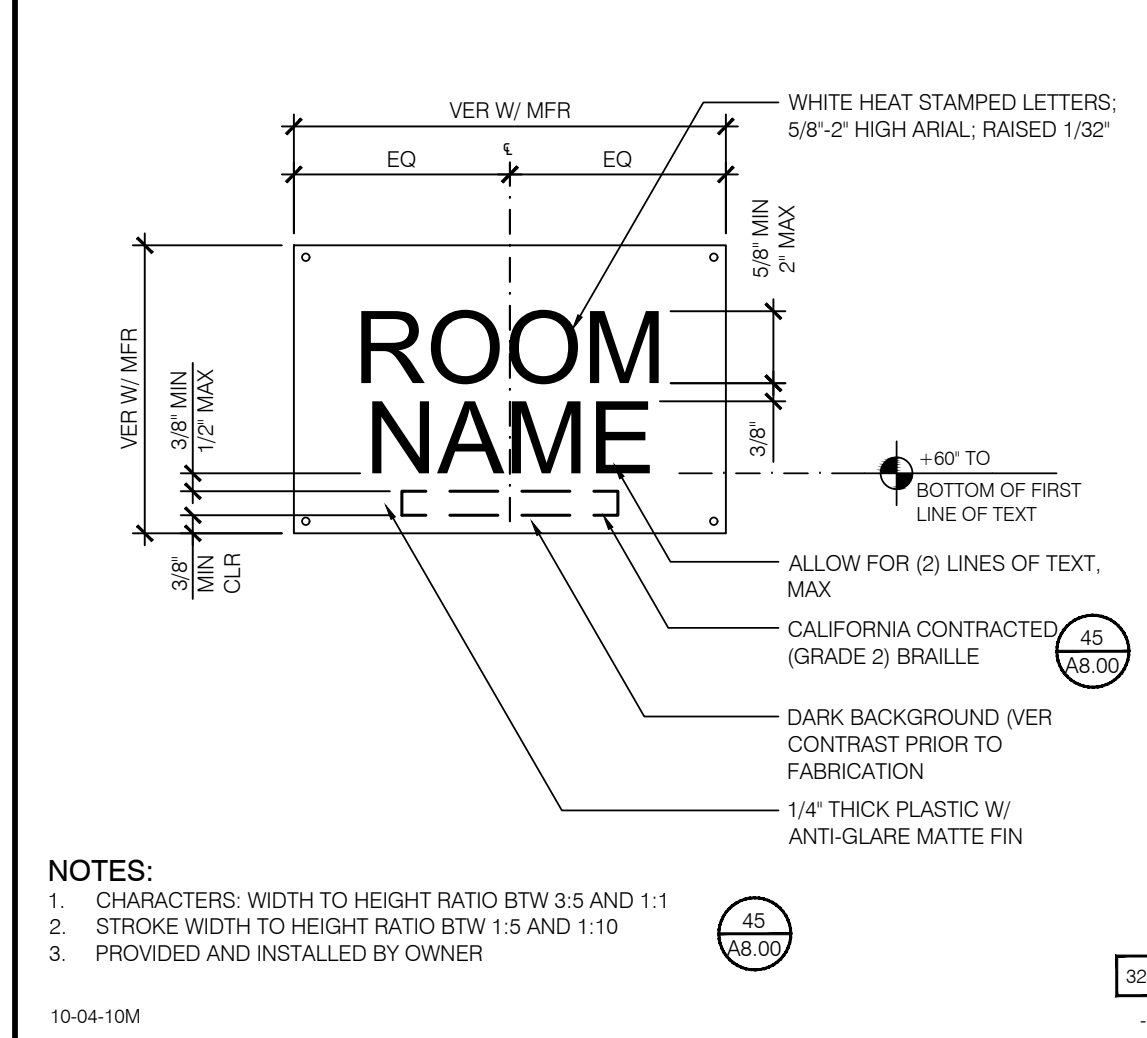
24) EX ACCESSIBLE DF/BOTTLE FILLER (REFERENCE) : 1/2"



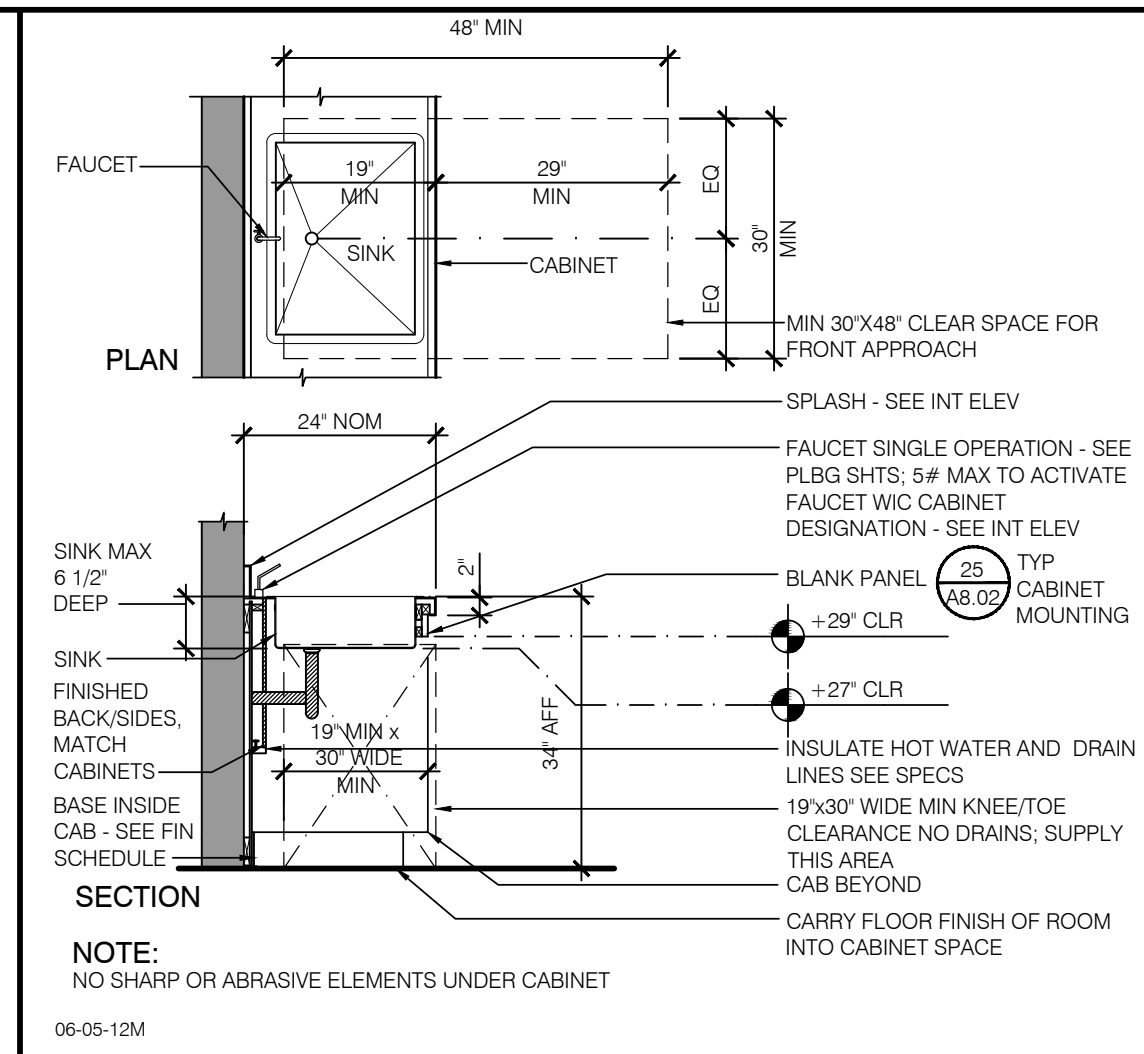
34) TOILET PARTITION BRACKET BACKING ELEVATION : 3"



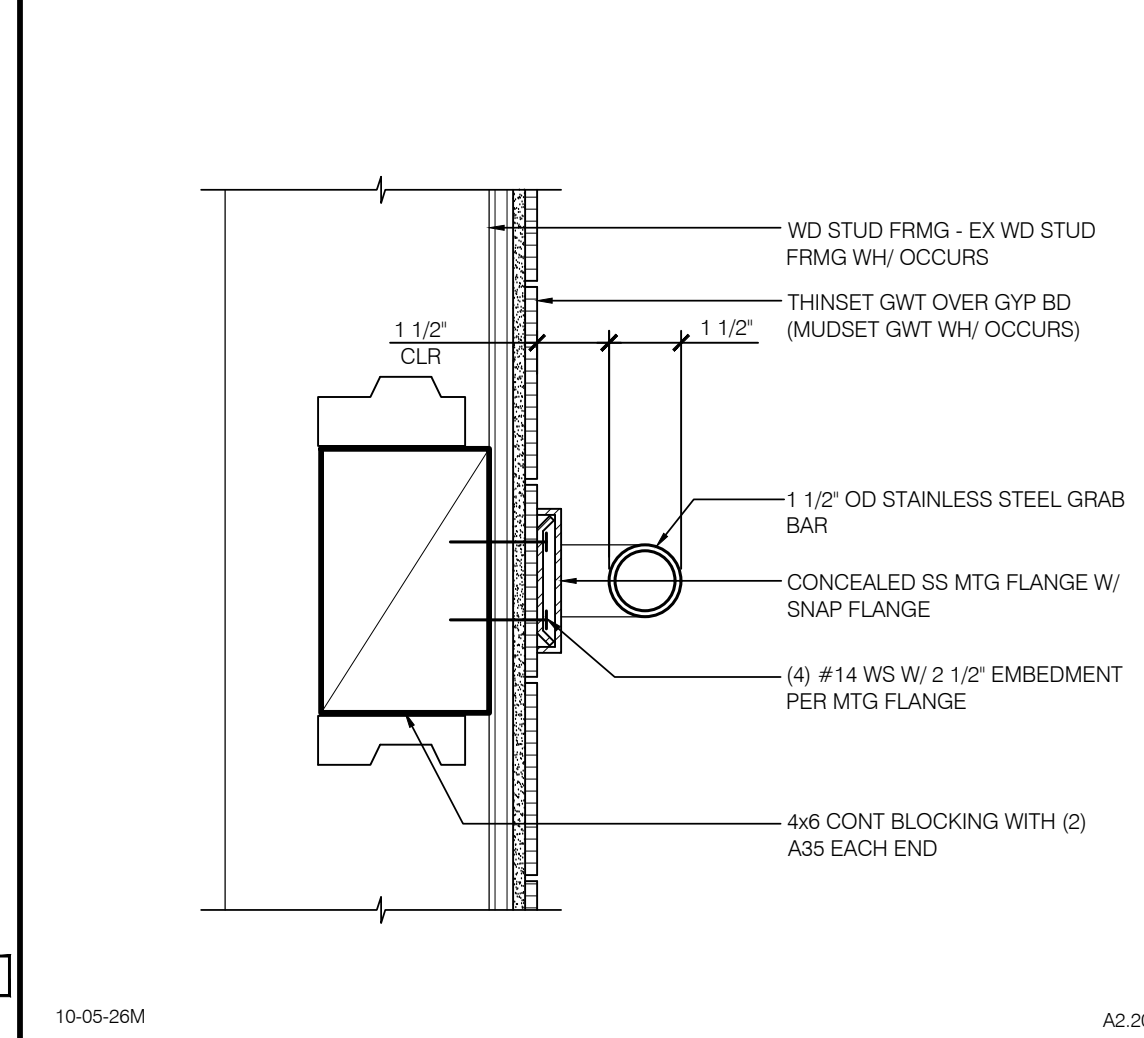
15) TYPICAL DOOR SIGN INSTALLATION : 1/2"



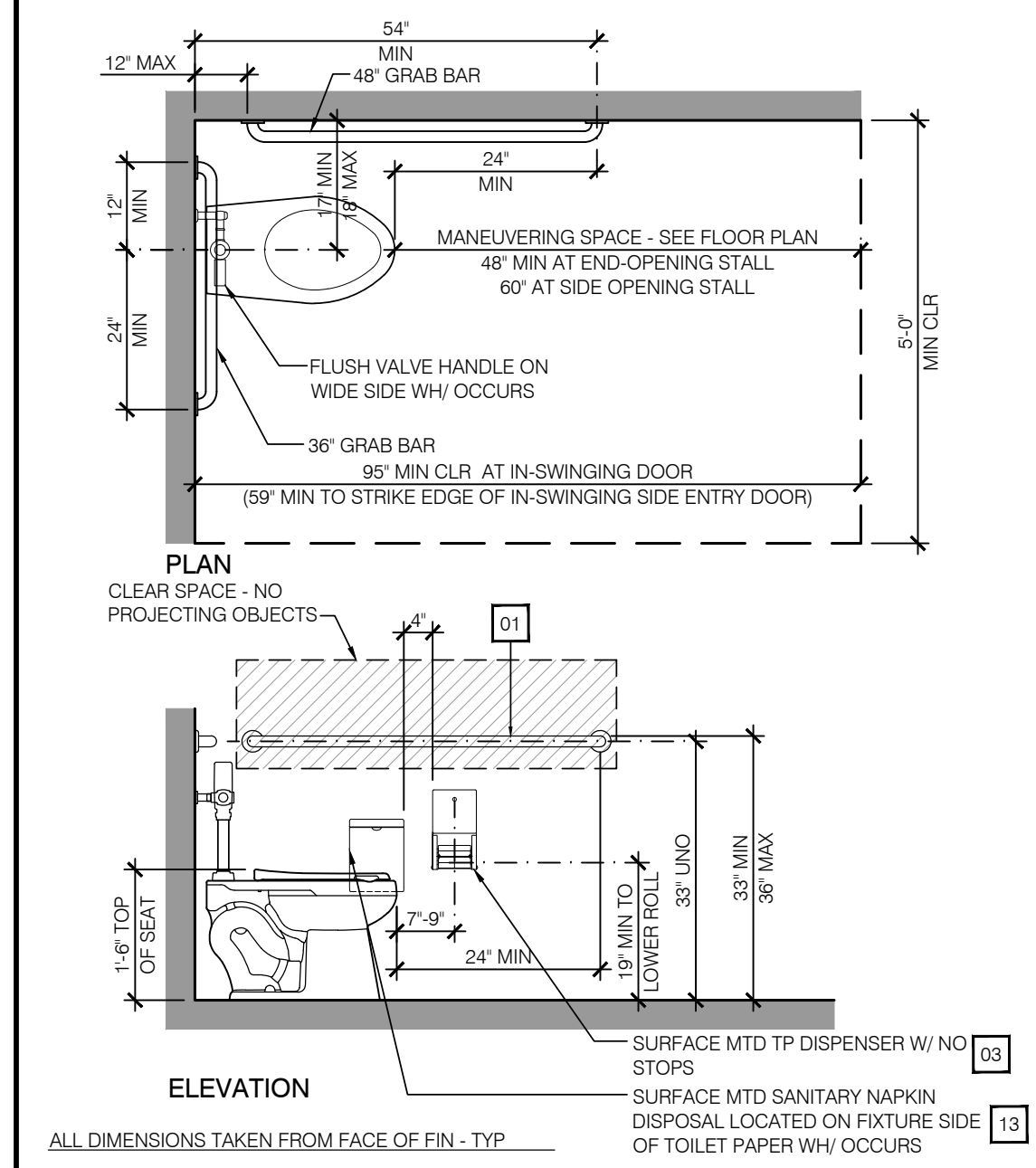
25) ROOM SIGN (BCSD) : 3"



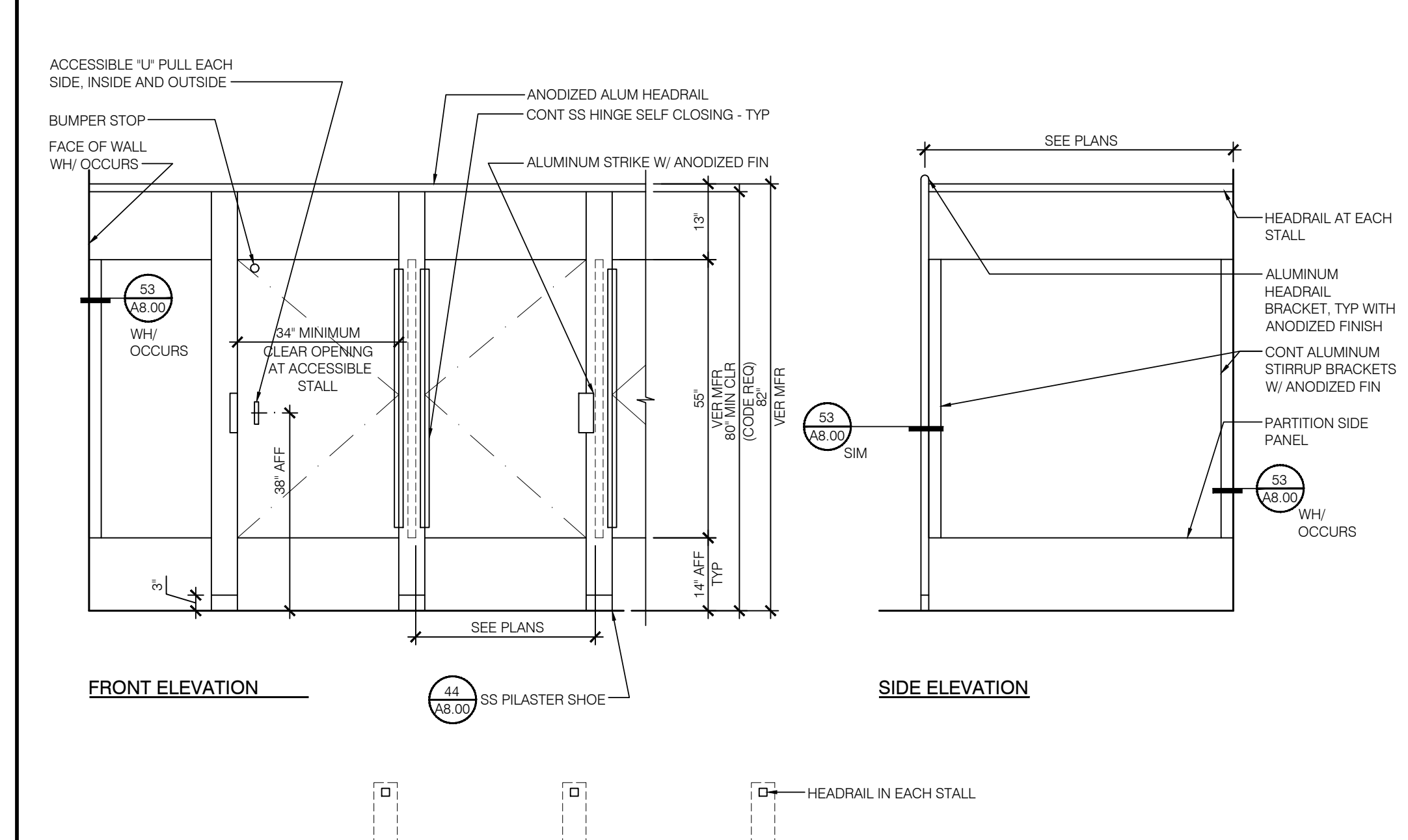
16) ACCESSIBLE SINK AT CABINET : 1/2"



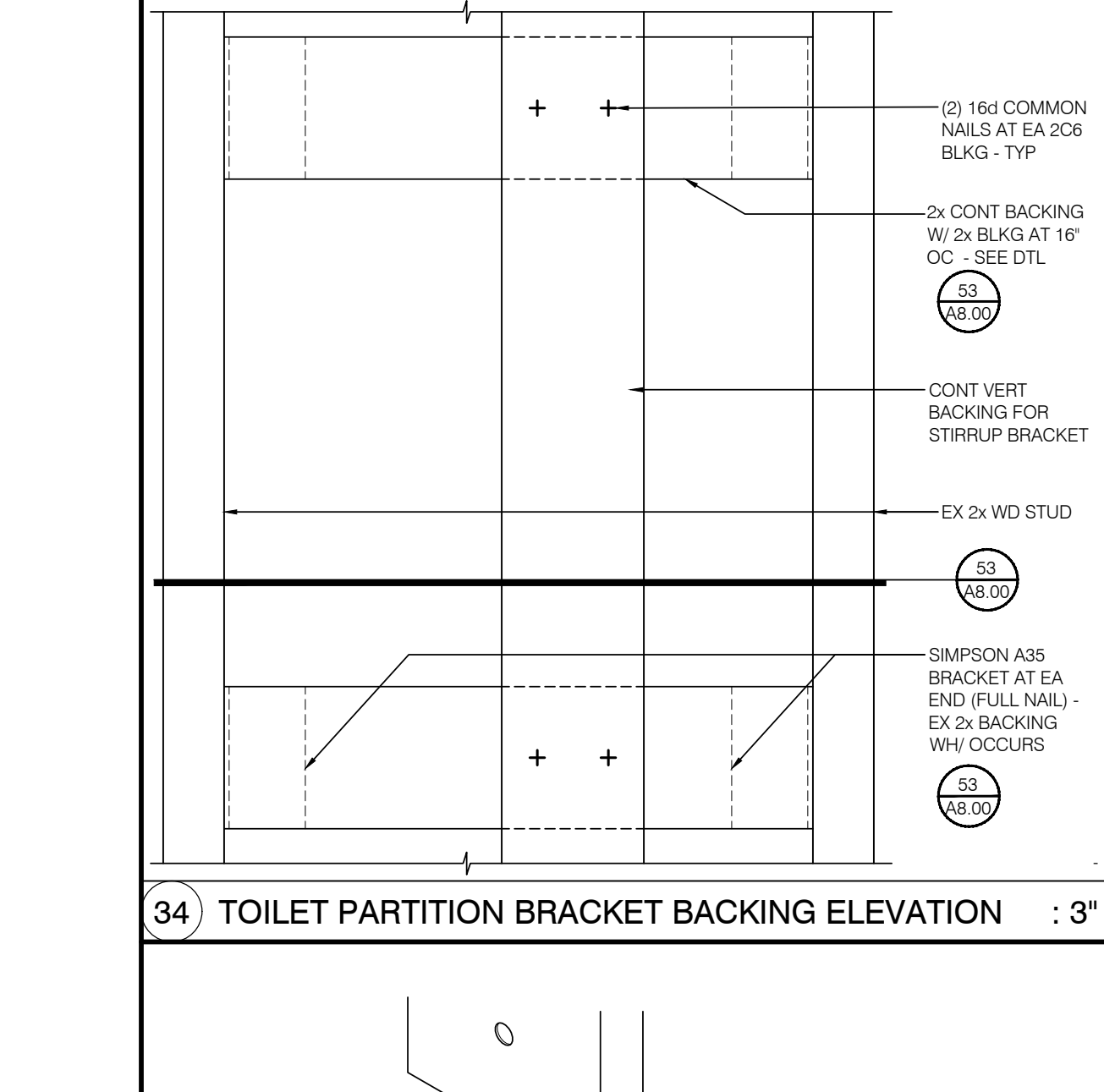
26) GRAB BAR AT WOOD STUD : 3"



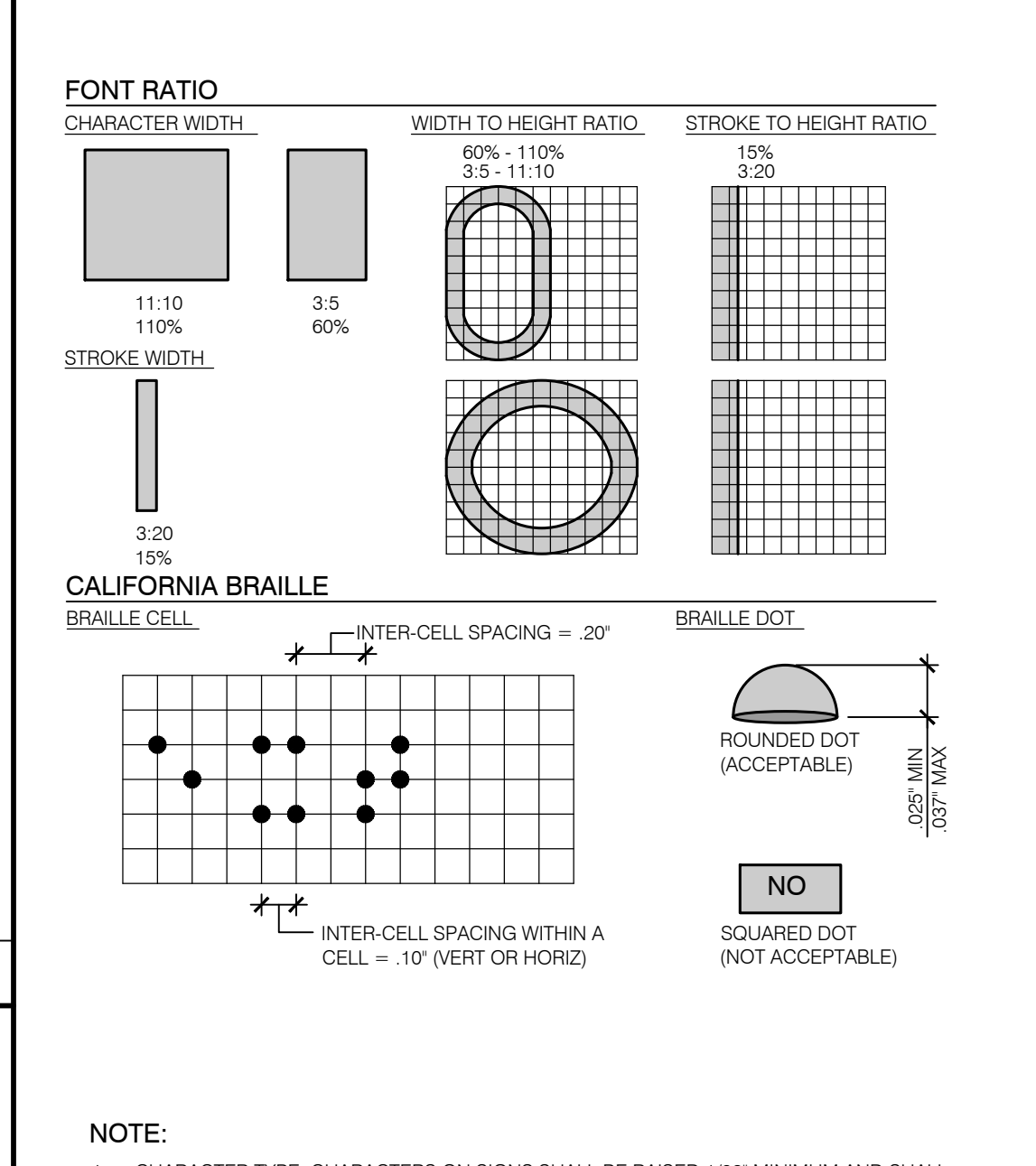
41) ACCESSIBLE MULTIPLE ACCOMMODATION TOILET STALL TYPICAL REFERENCE REQUIREMENTS : 1/2"



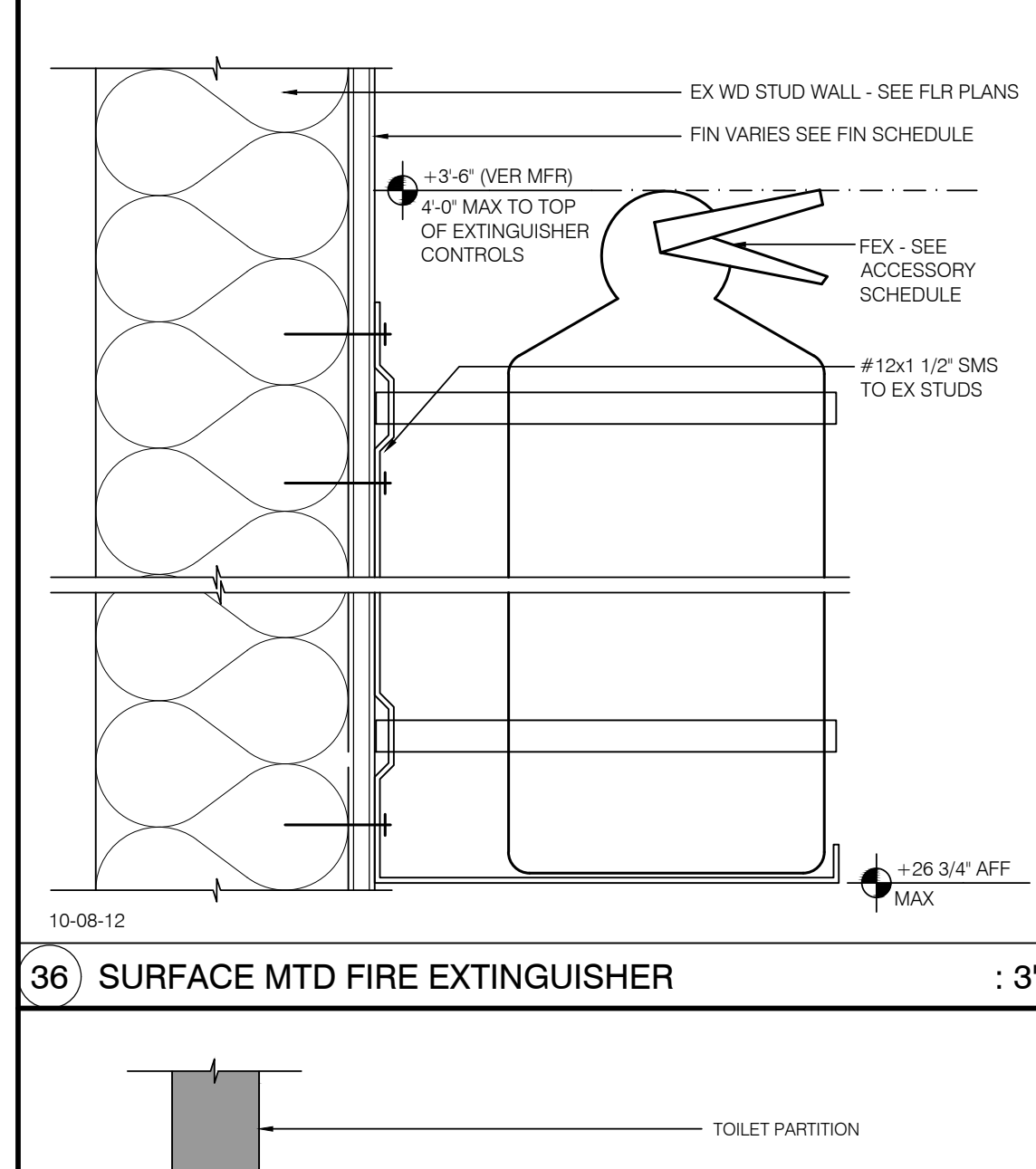
42) TYPICAL RESTROOM PARTITION DETAILS : 1/2"



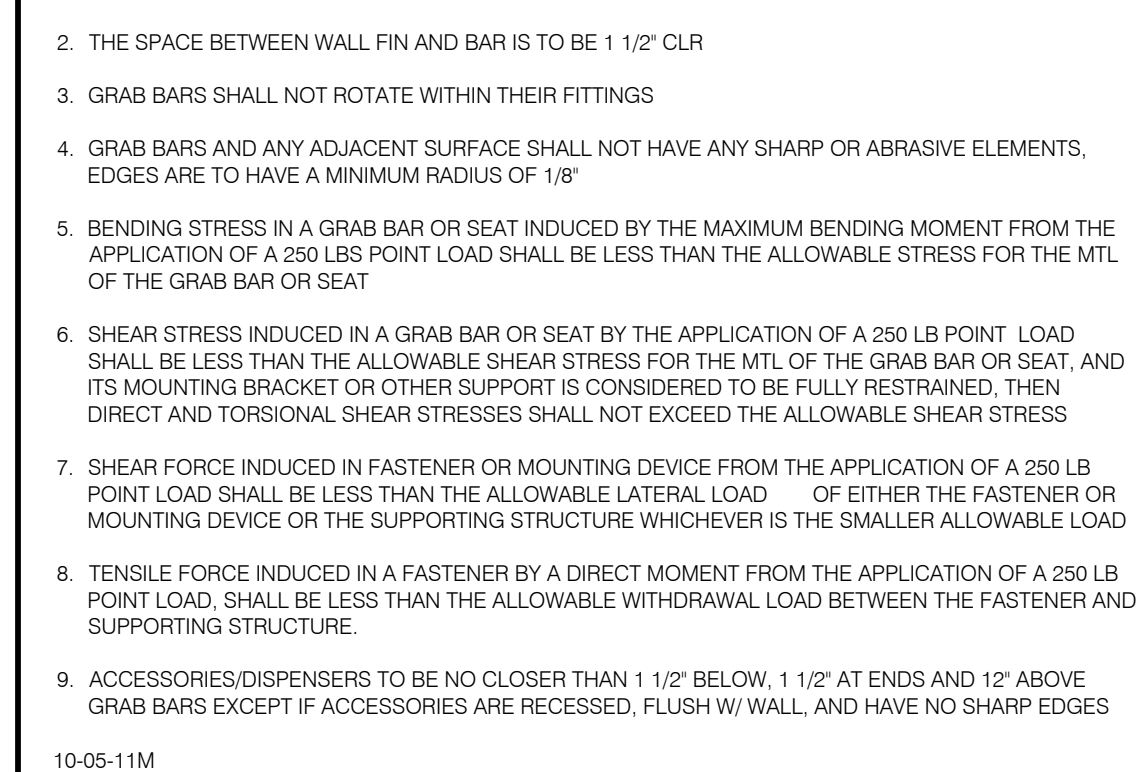
44) SS PILASTER SHOE : 1/2"



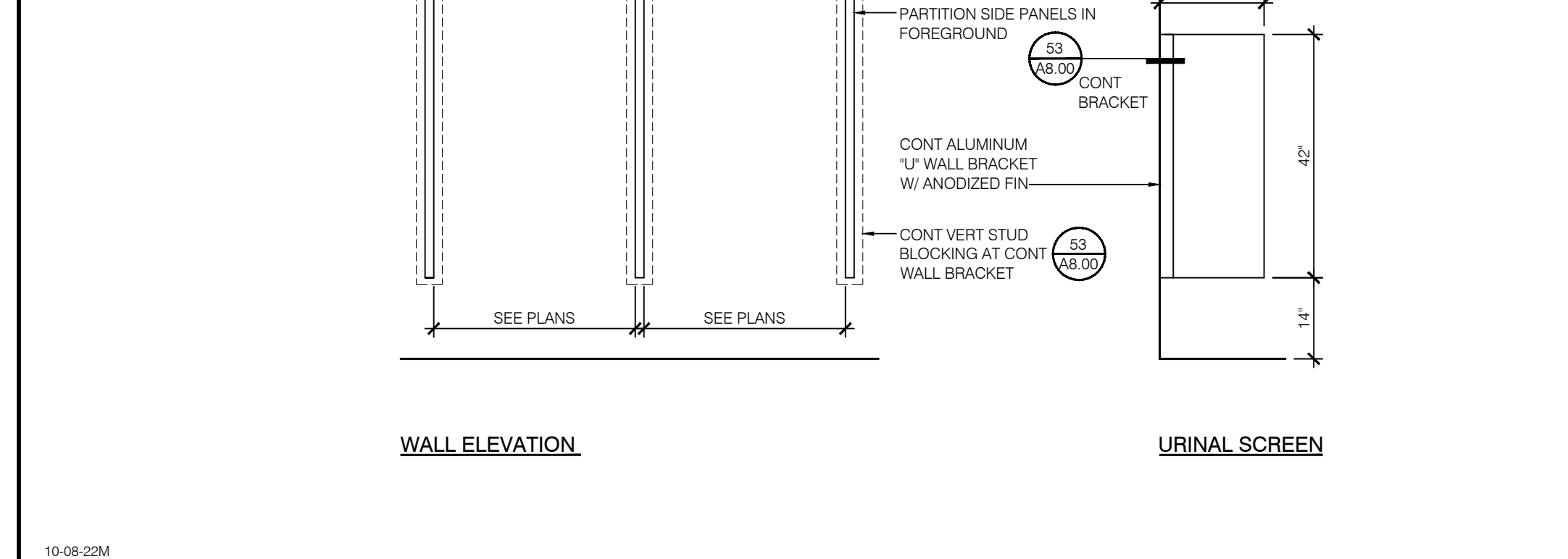
45) ACCESSIBLE SIGN REQUIREMENTS : NTS



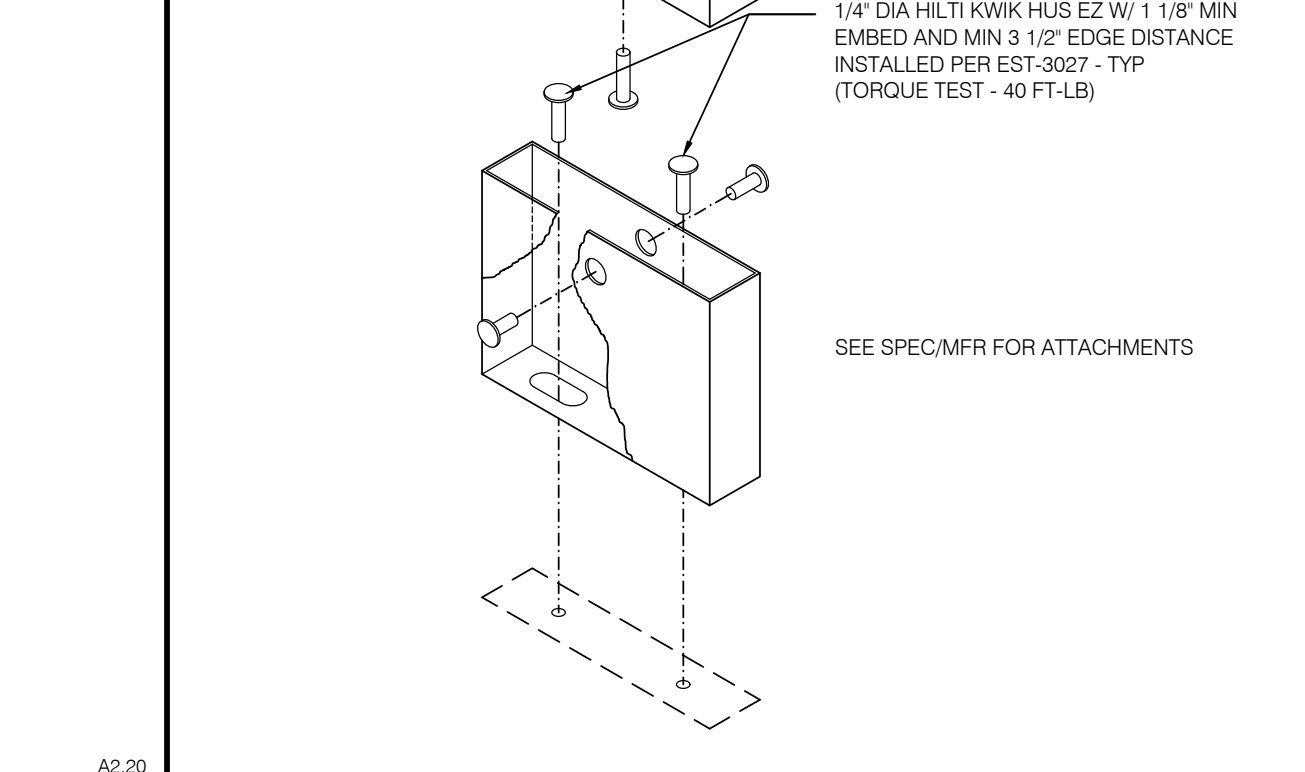
36) SURFACE MTD FIRE EXTINGUISHER : 3"



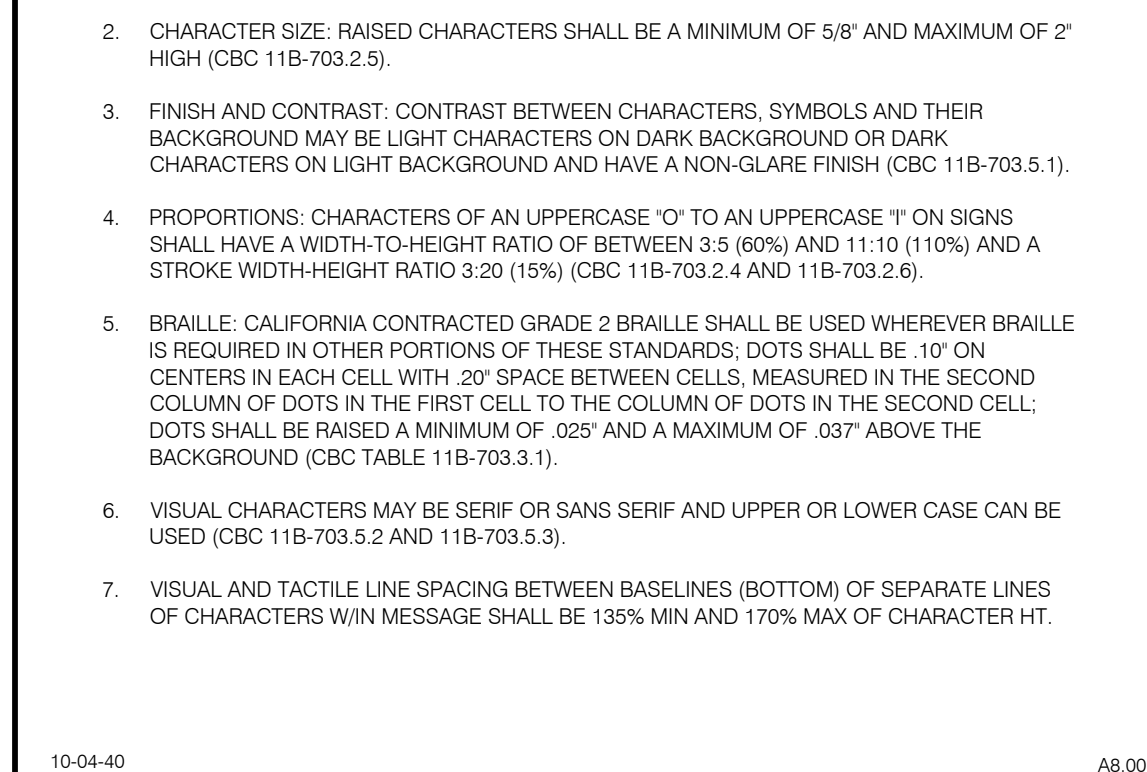
41) ACCESSIBLE MULTIPLE ACCOMMODATION TOILET STALL TYPICAL REFERENCE REQUIREMENTS : 1/2"



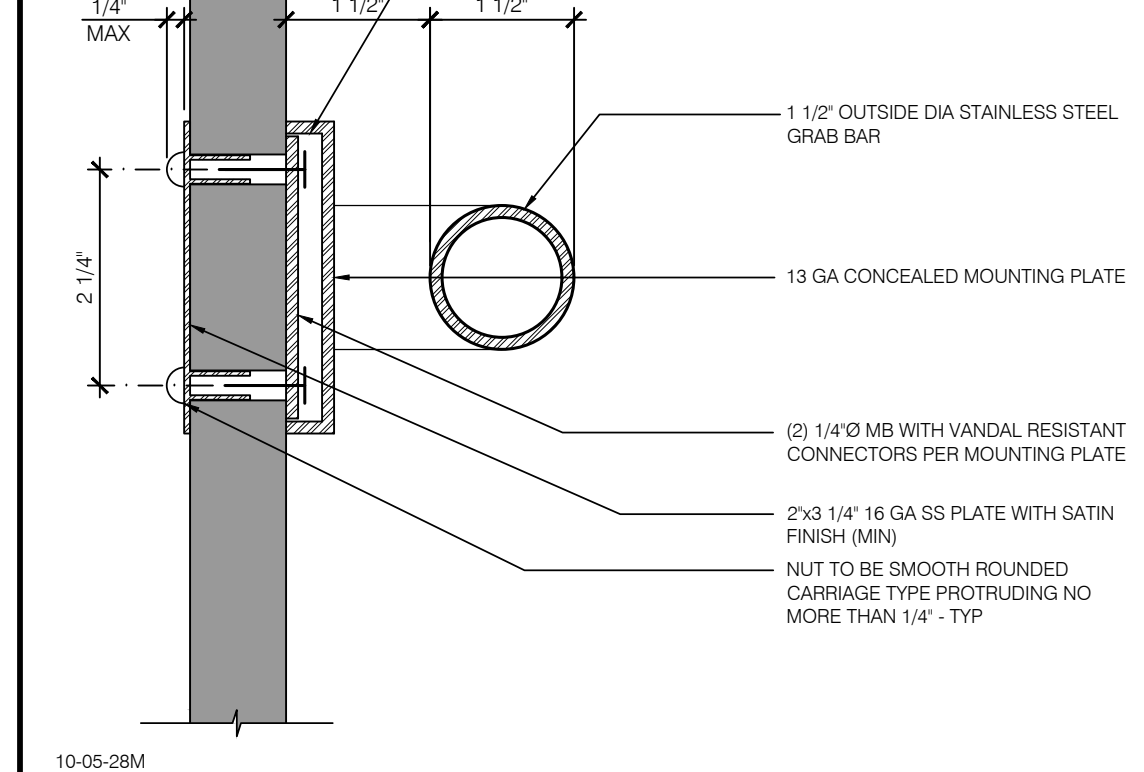
42) TYPICAL RESTROOM PARTITION DETAILS : 1/2"



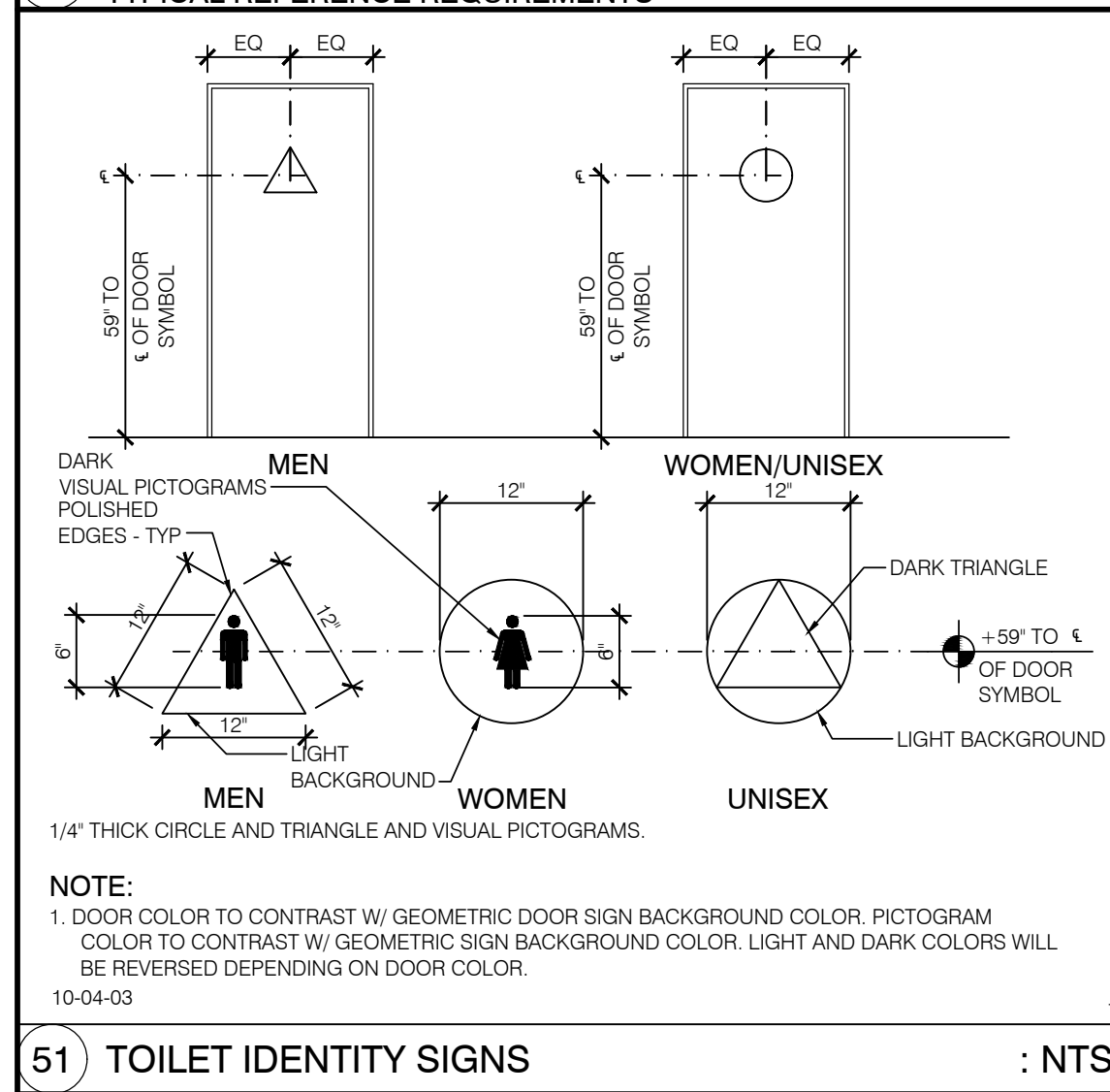
44) SS PILASTER SHOE : 1/2"



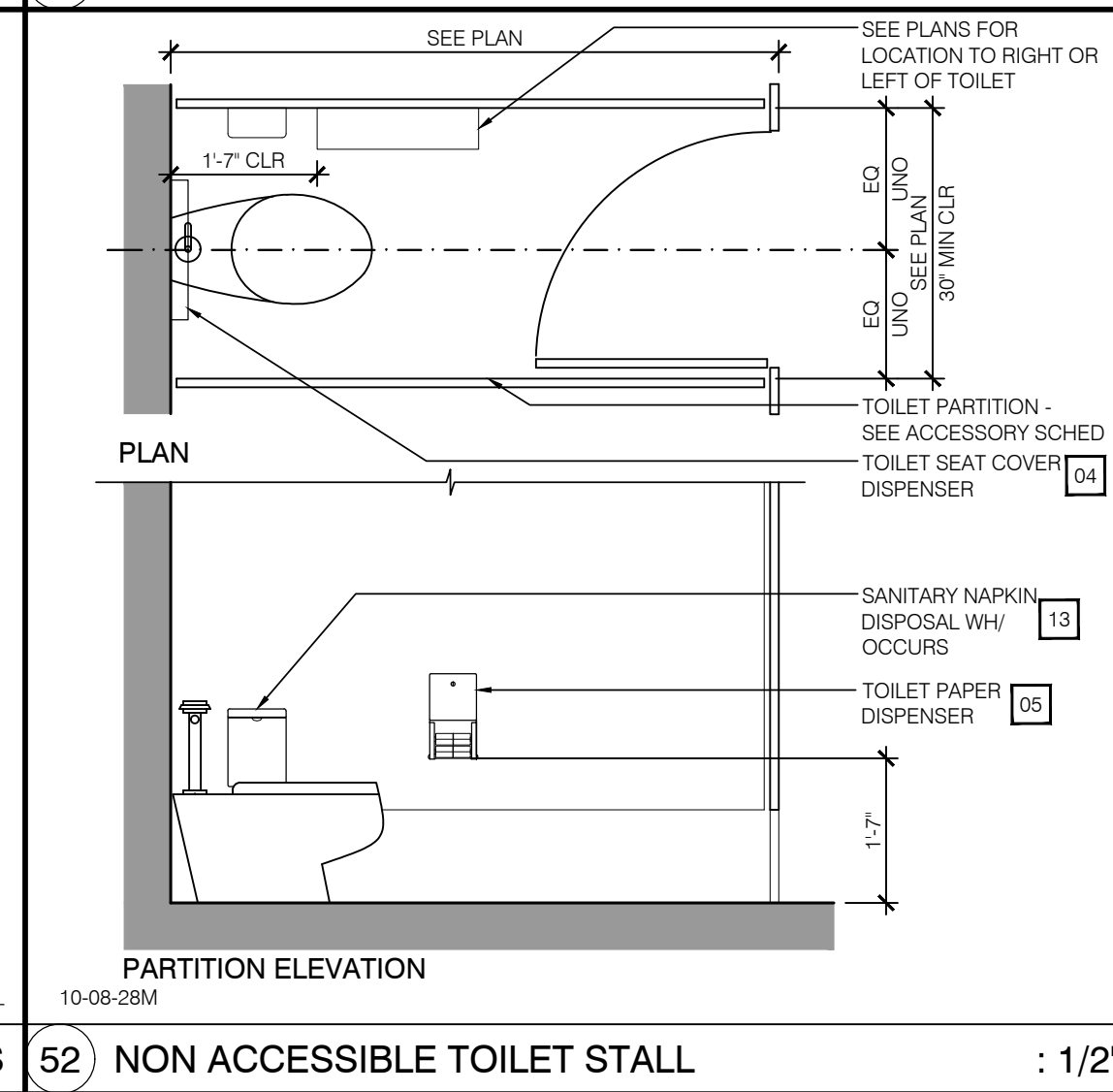
45) ACCESSIBLE SIGN REQUIREMENTS : NTS



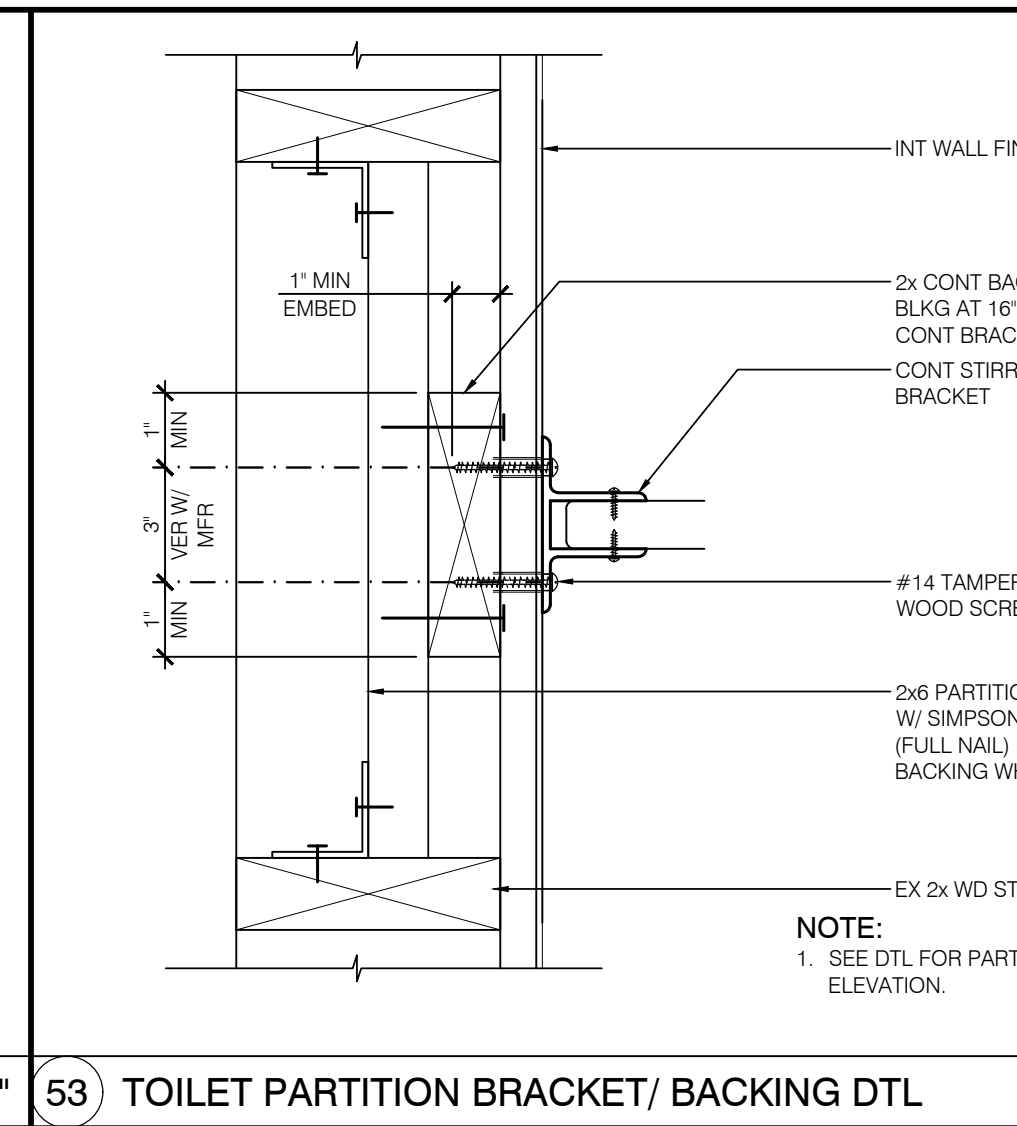
46) GRAB BAR AT TOILET PARTITION : 6"



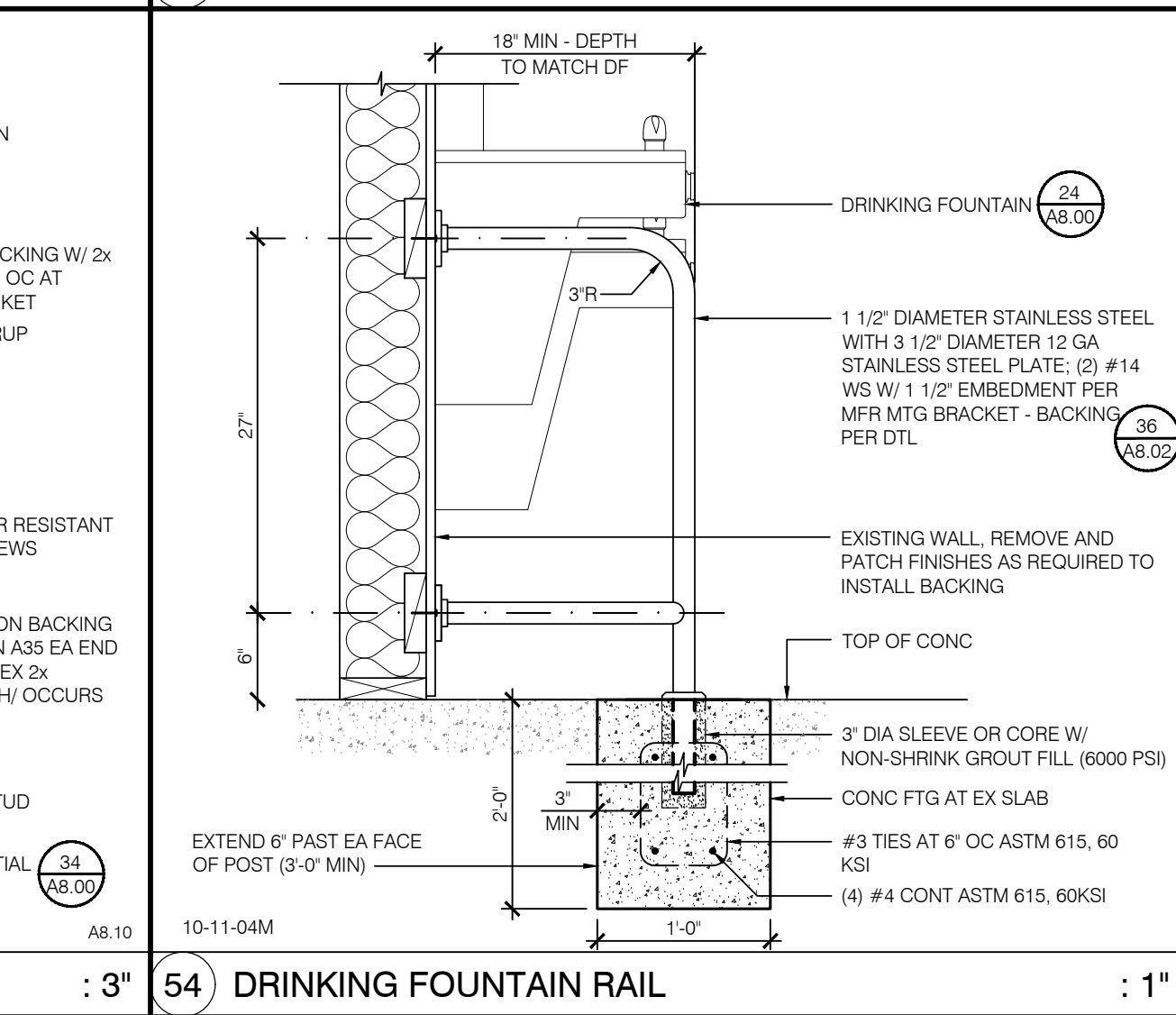
51) TOILET IDENTITY SIGNS : NTS



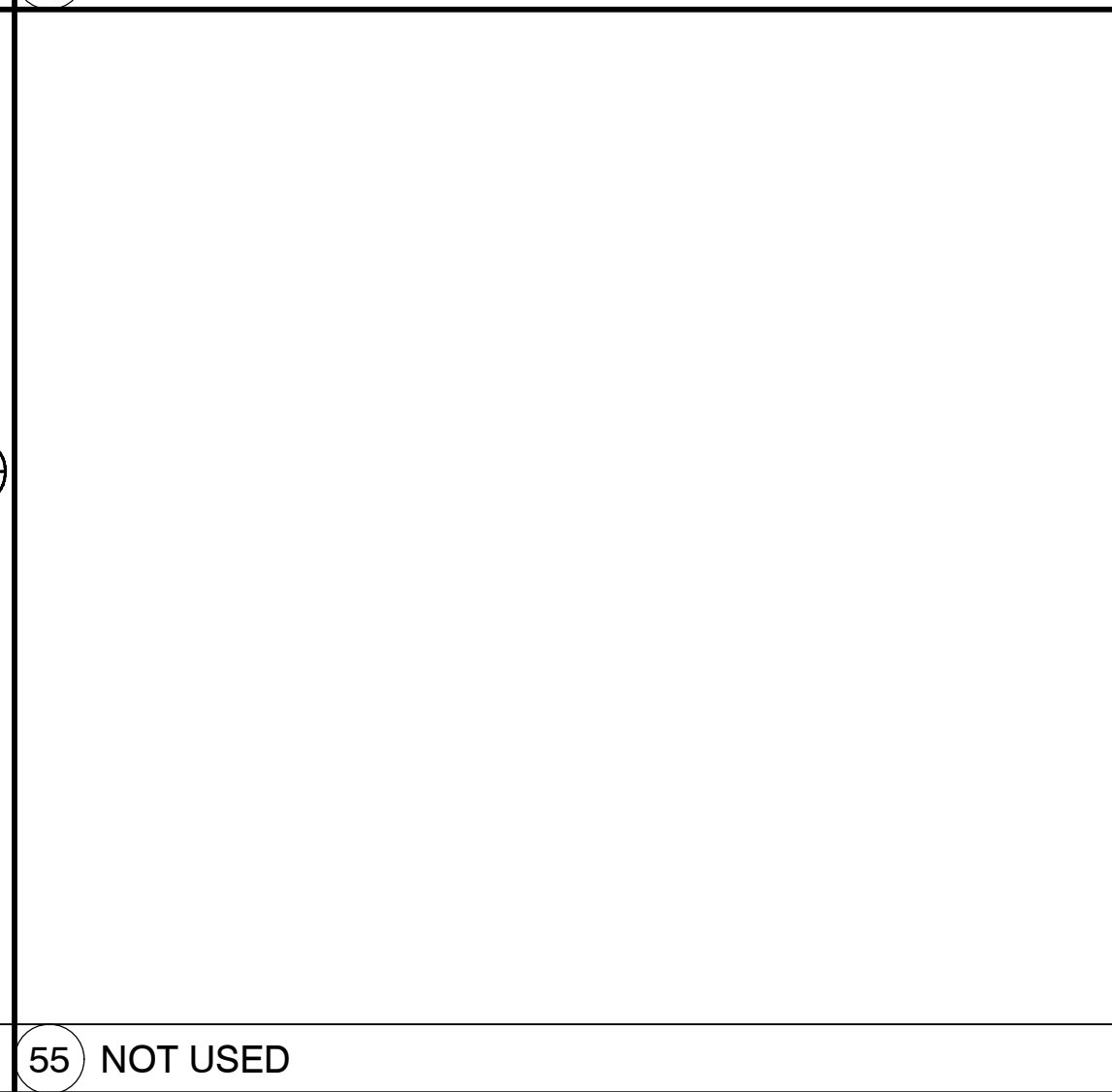
52) NON ACCESSIBLE TOILET STALL : 1/2"



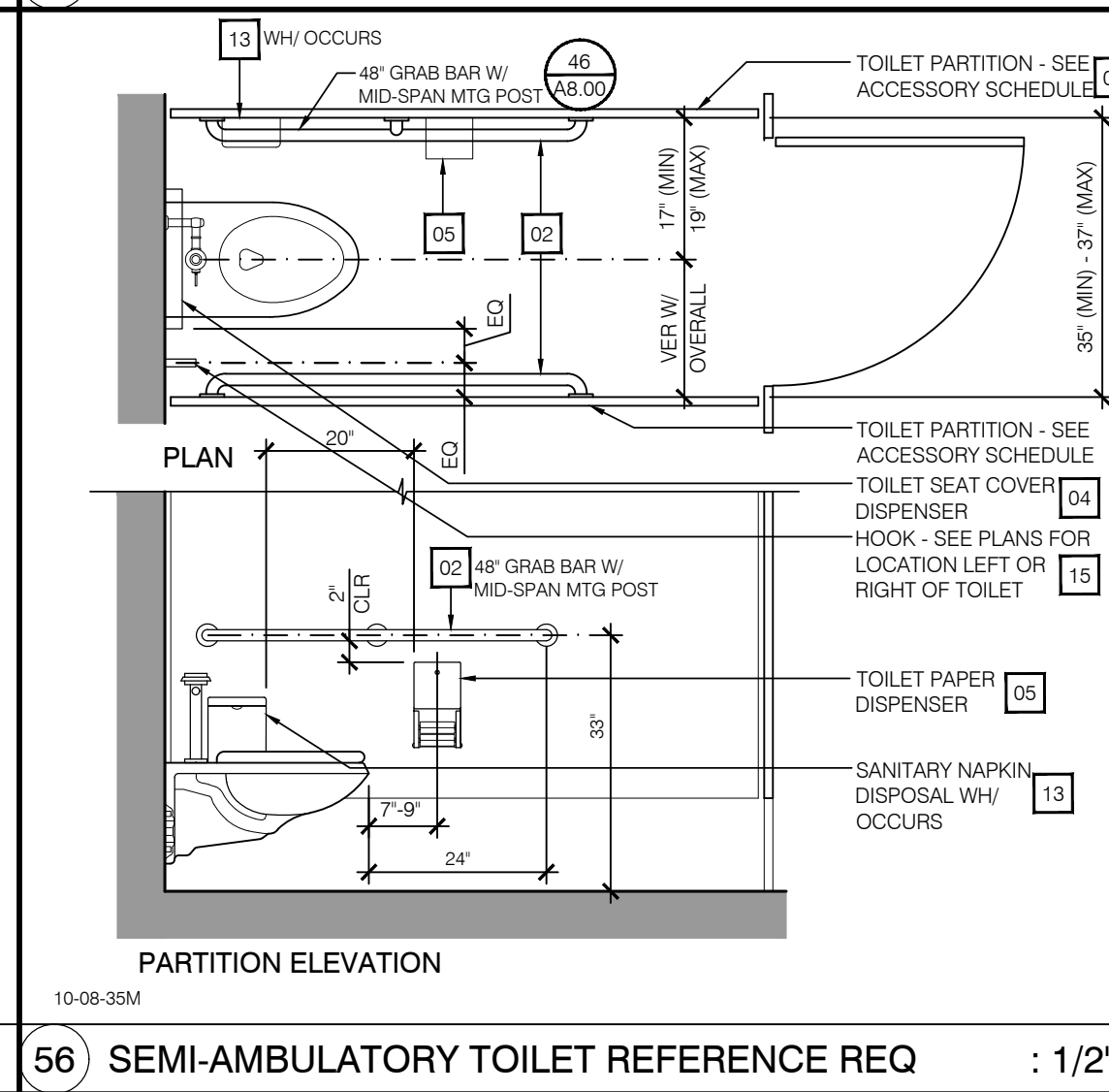
53) TOILET PARTITION BRACKET/BACKING DTL : 3"



54) DRINKING FOUNTAIN RAIL : 1"



55) NOT USED



56) SEMI-AMBULATORY TOILET REFERENCE REQ : 1/2"

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ARCHITECT

**JAMES PATRICK FOGARTY, AIA  
ARCHITECT C-116570**

CONSULTANT

**PROJECT INFO**

Project No	566-0015
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DSA File No	15-6
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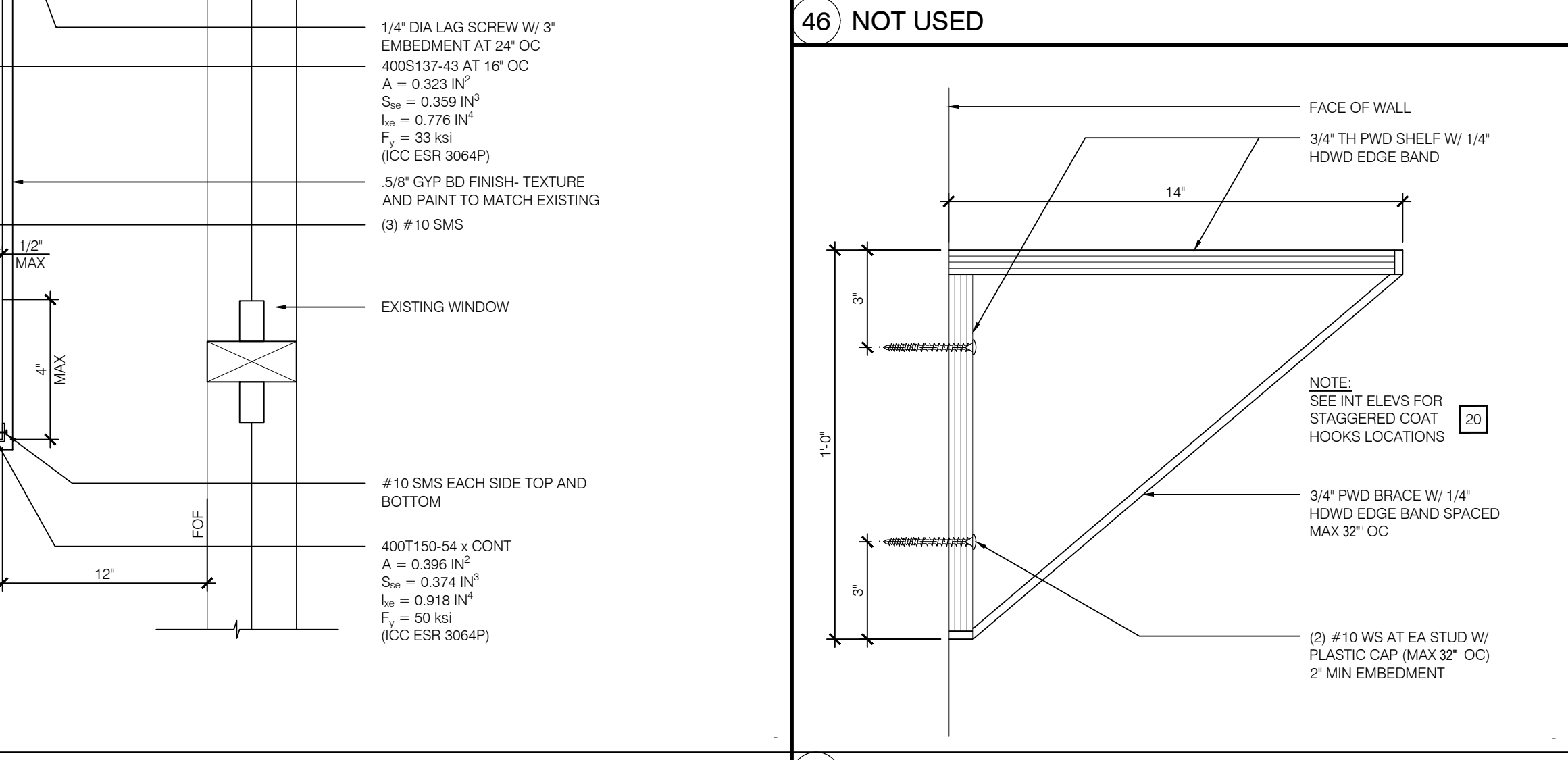
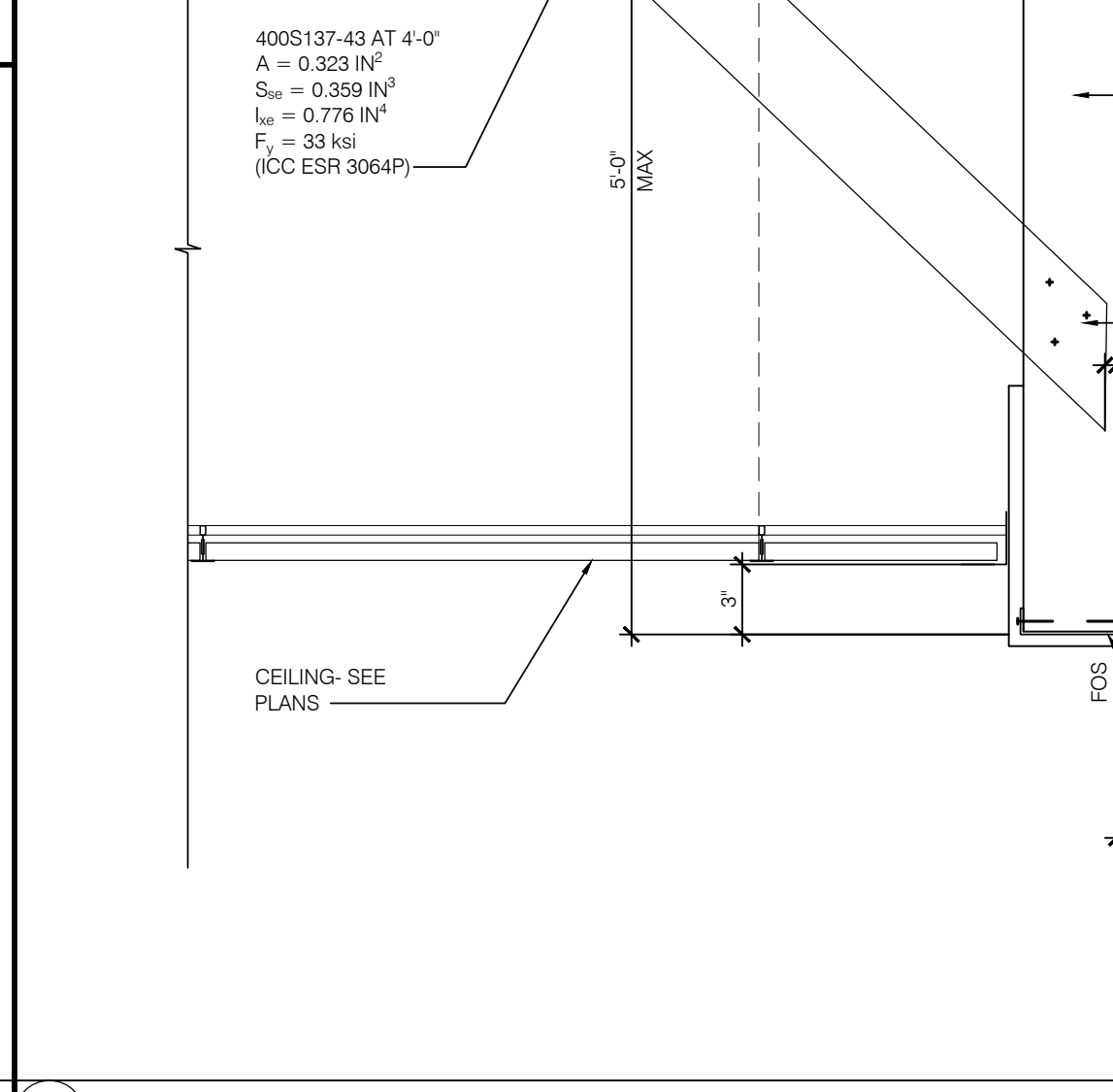
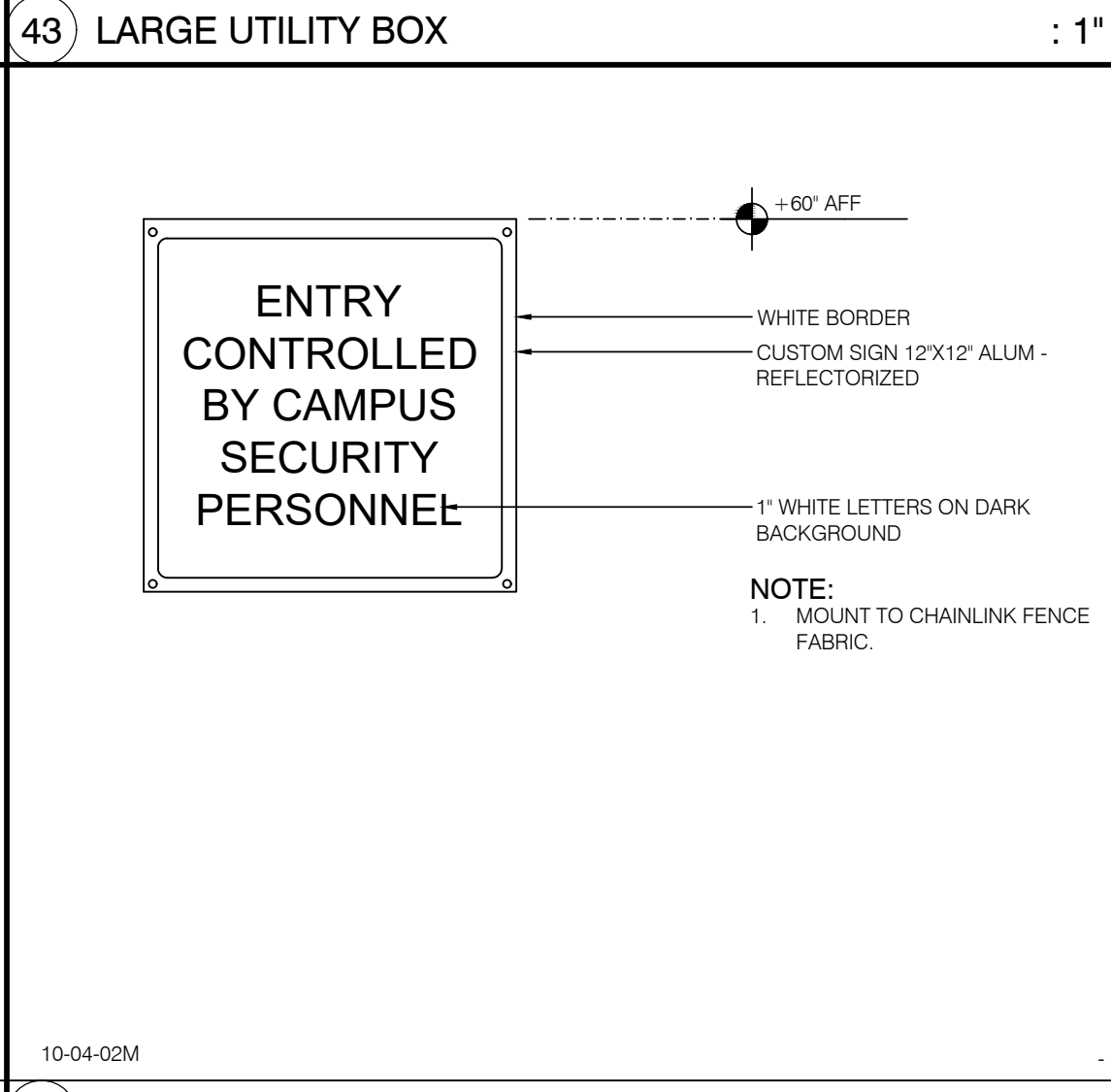
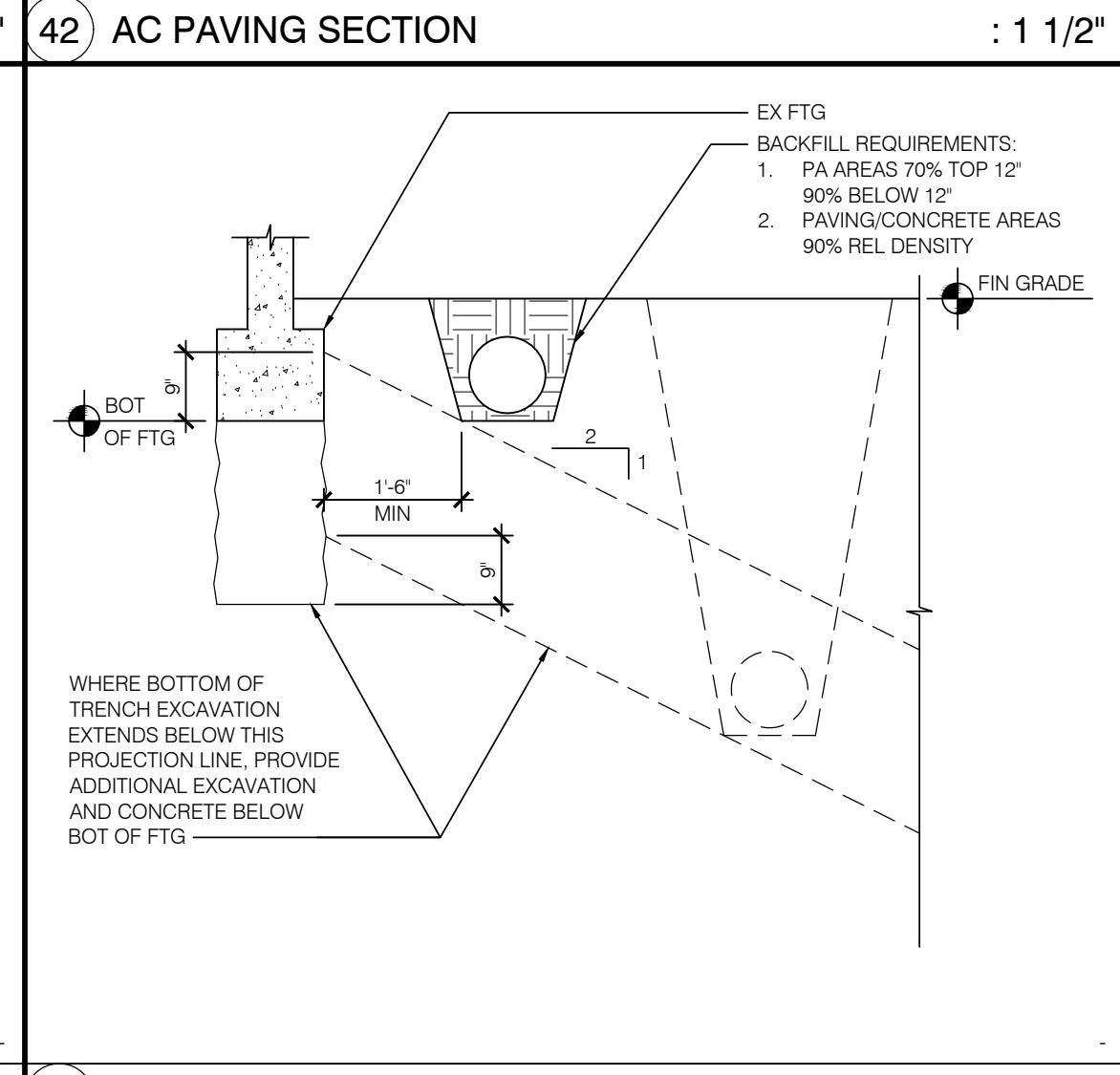
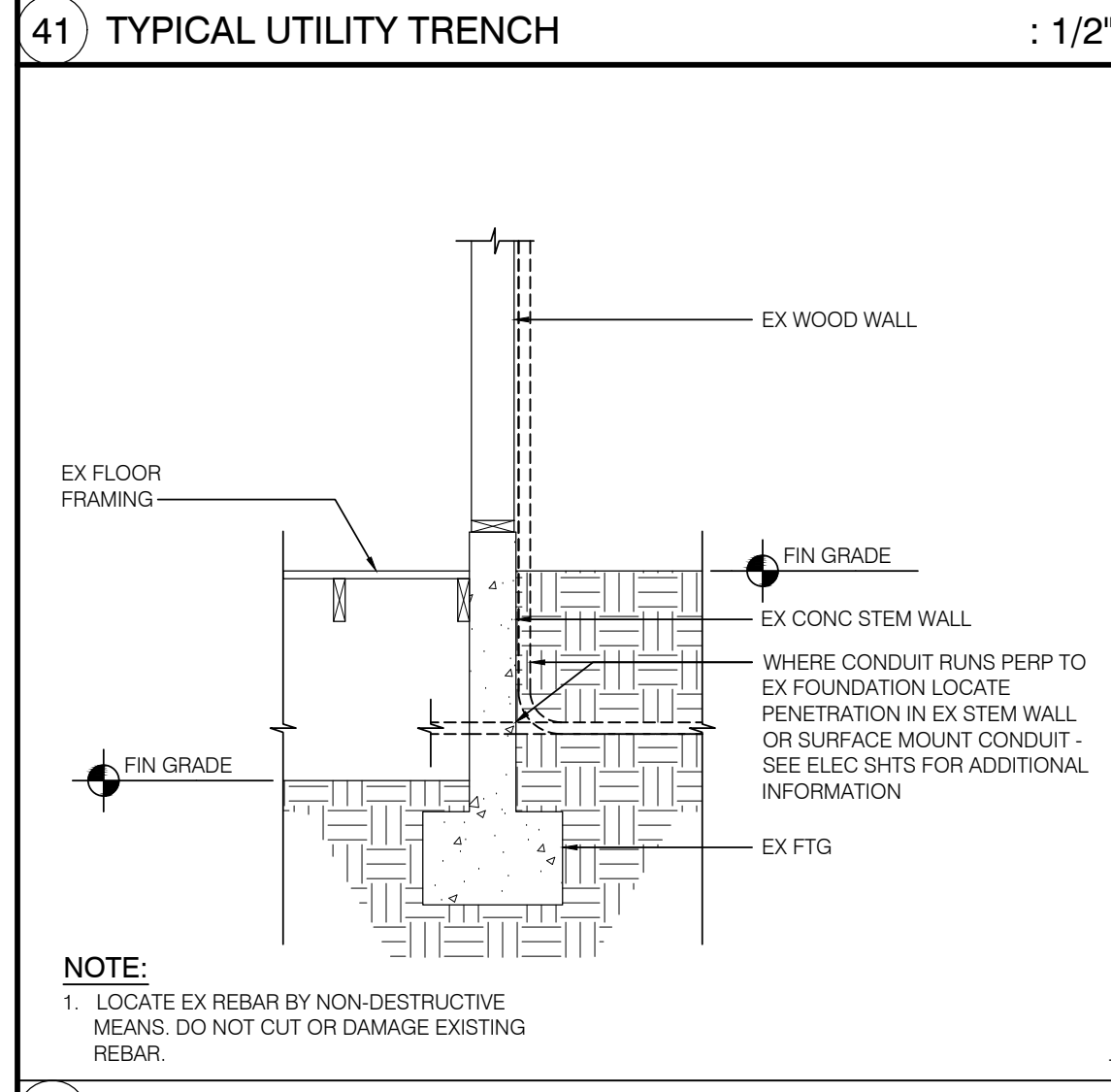
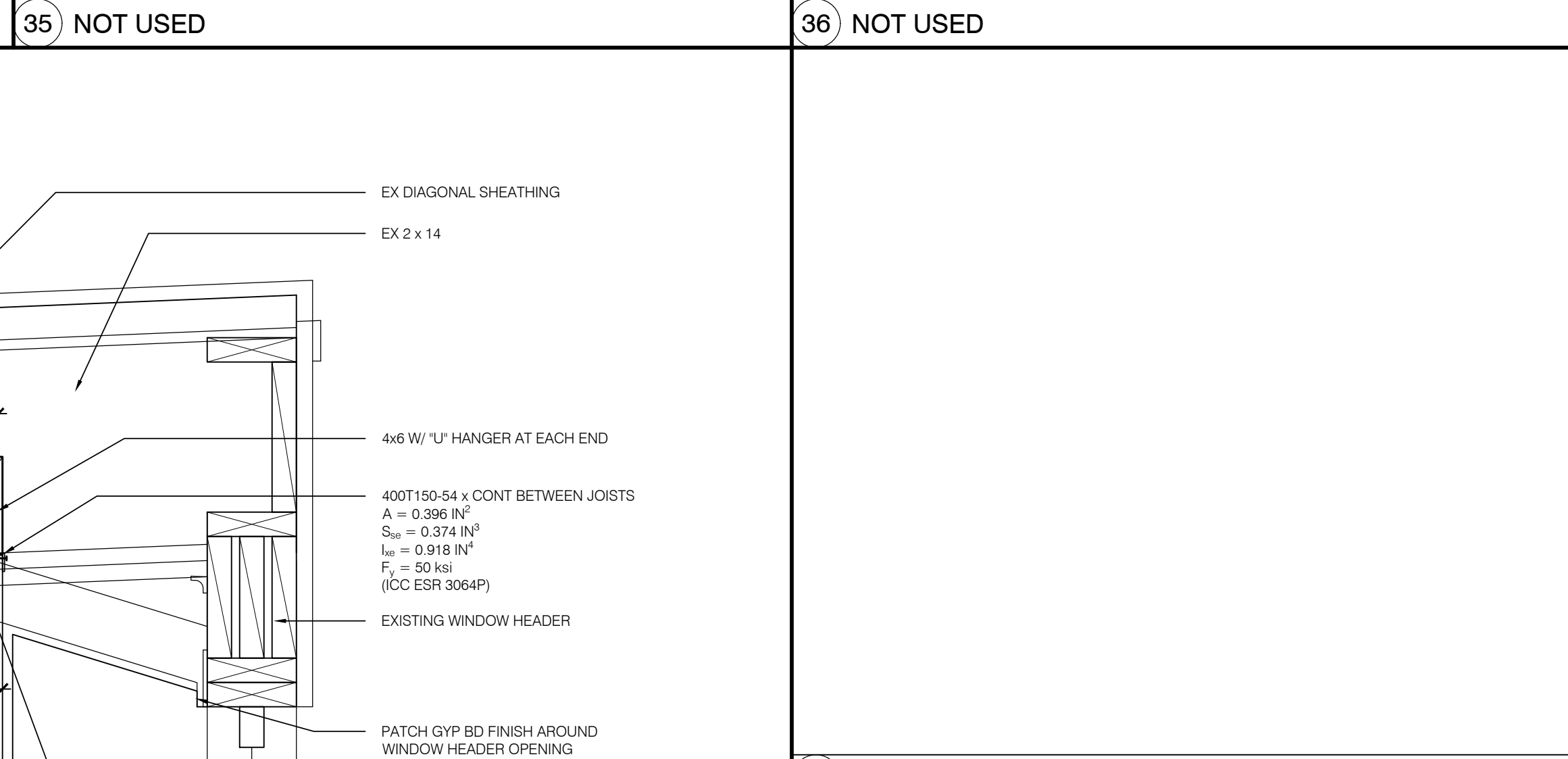
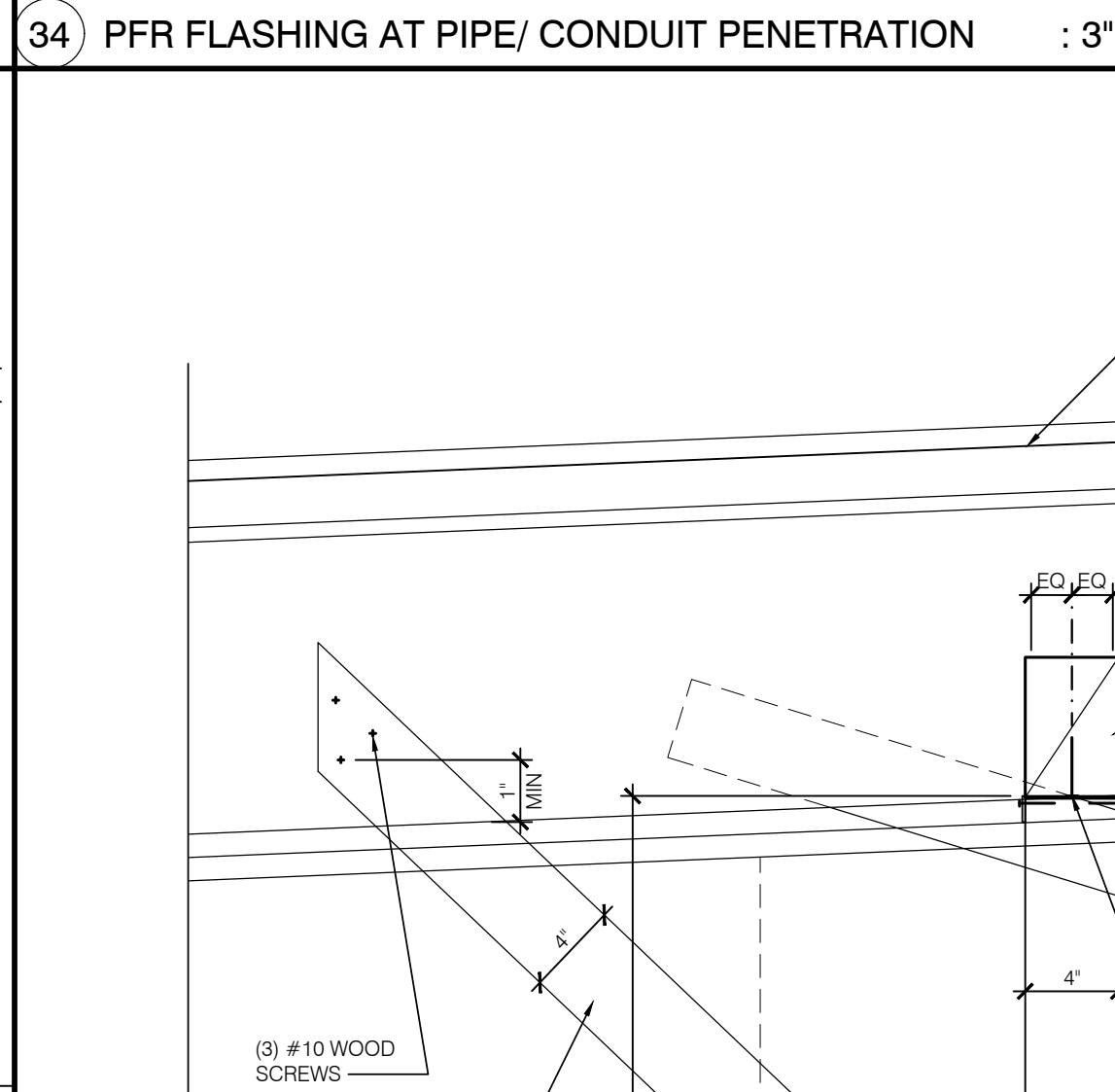
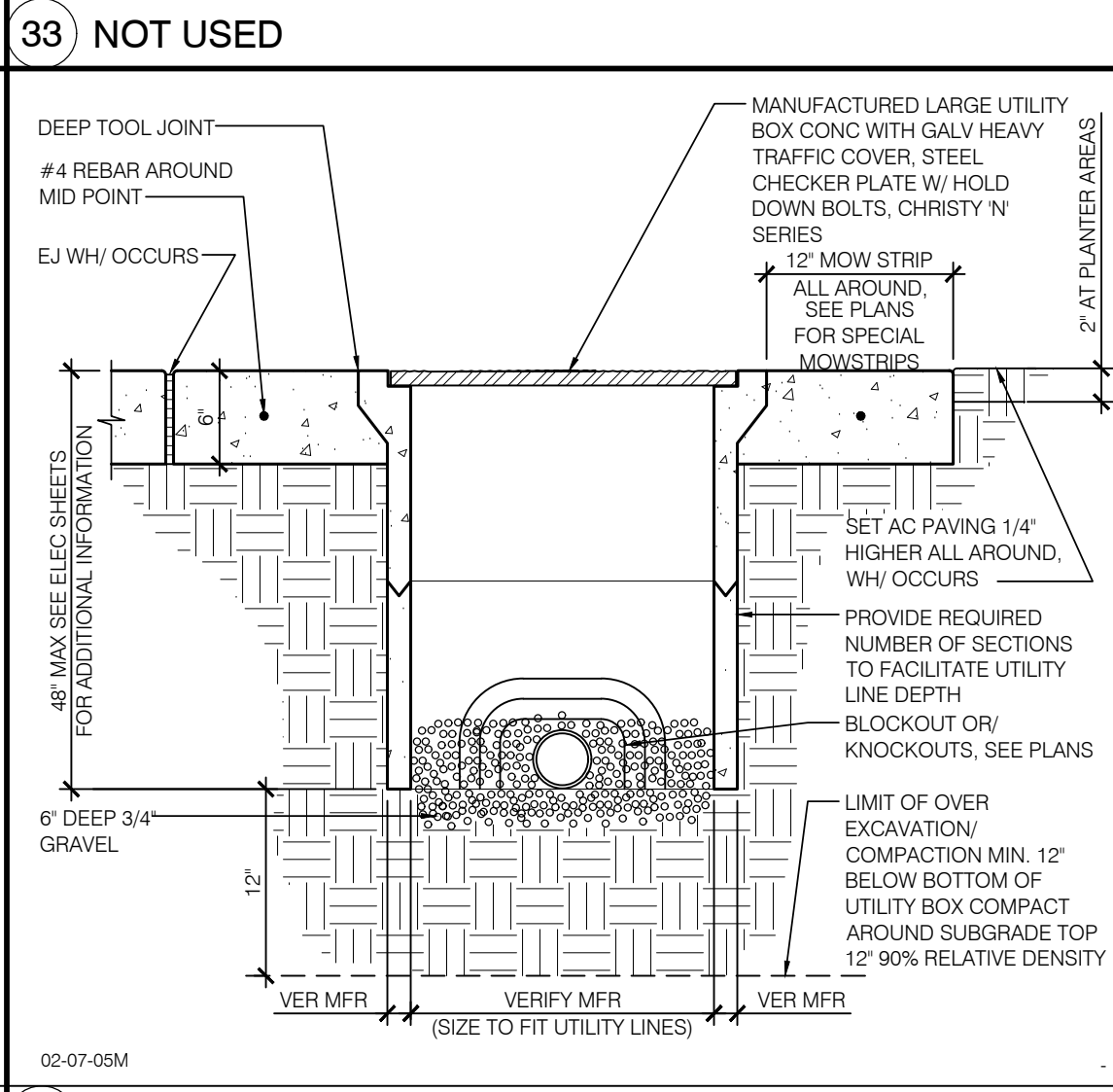
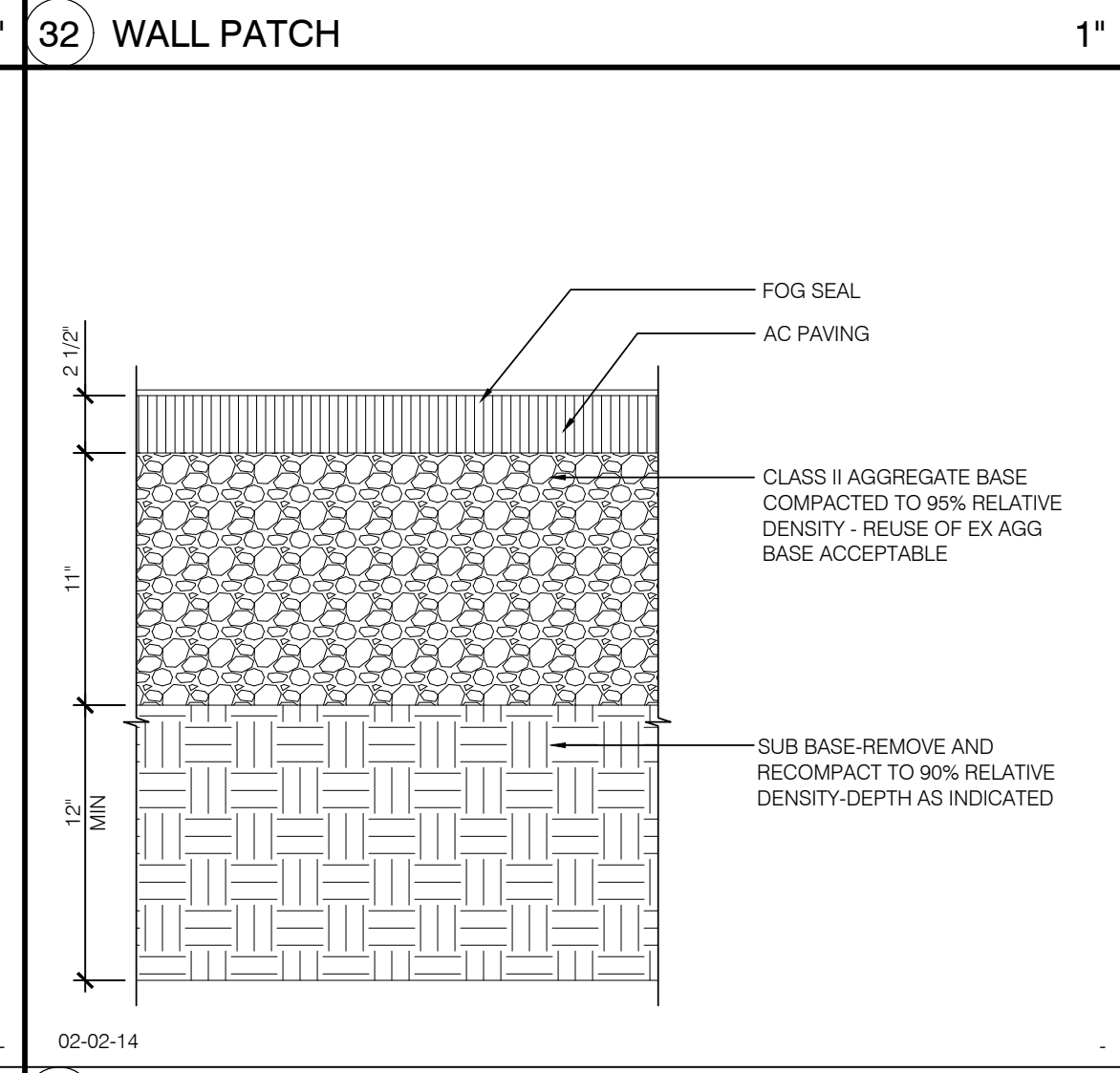
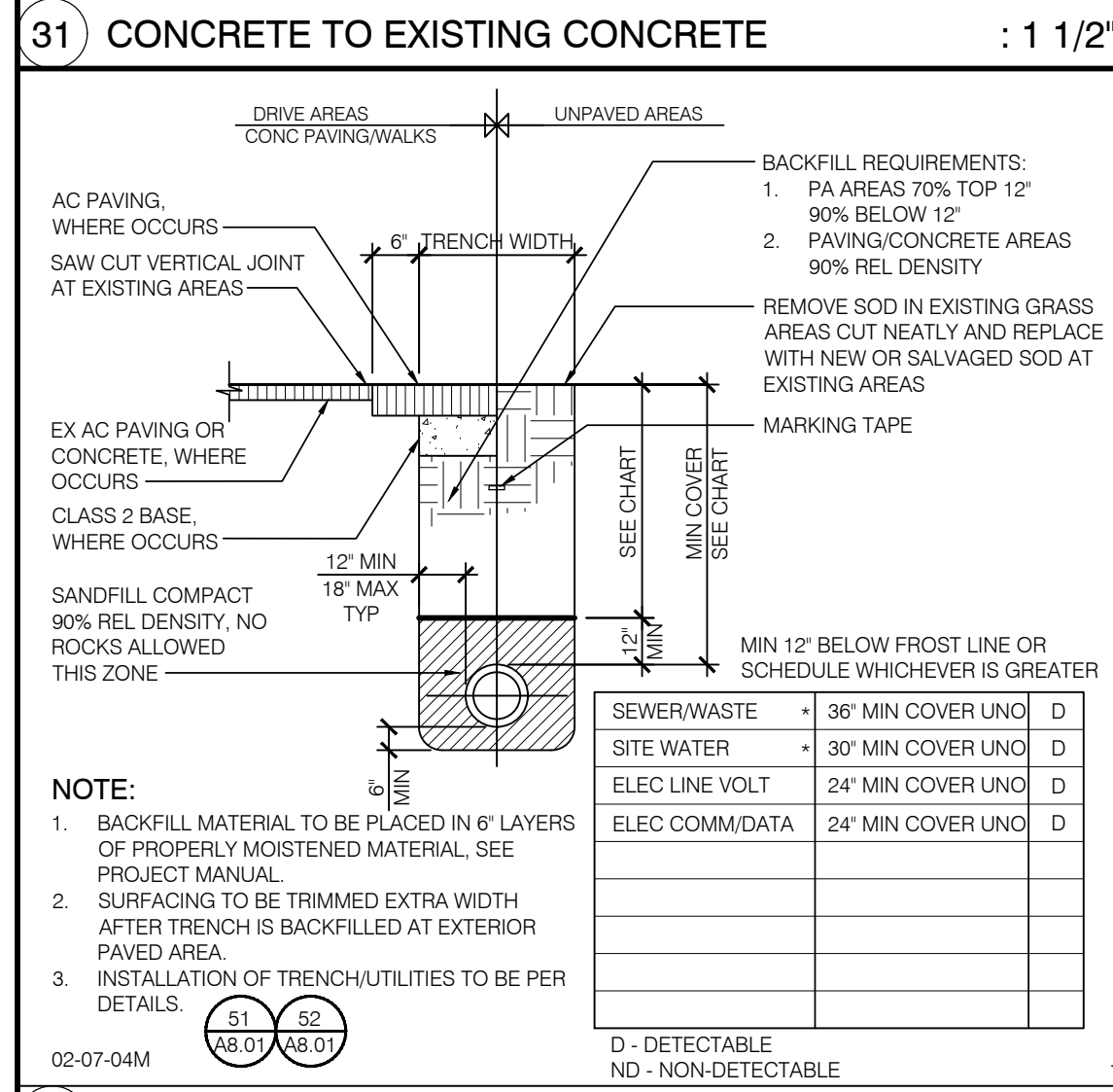
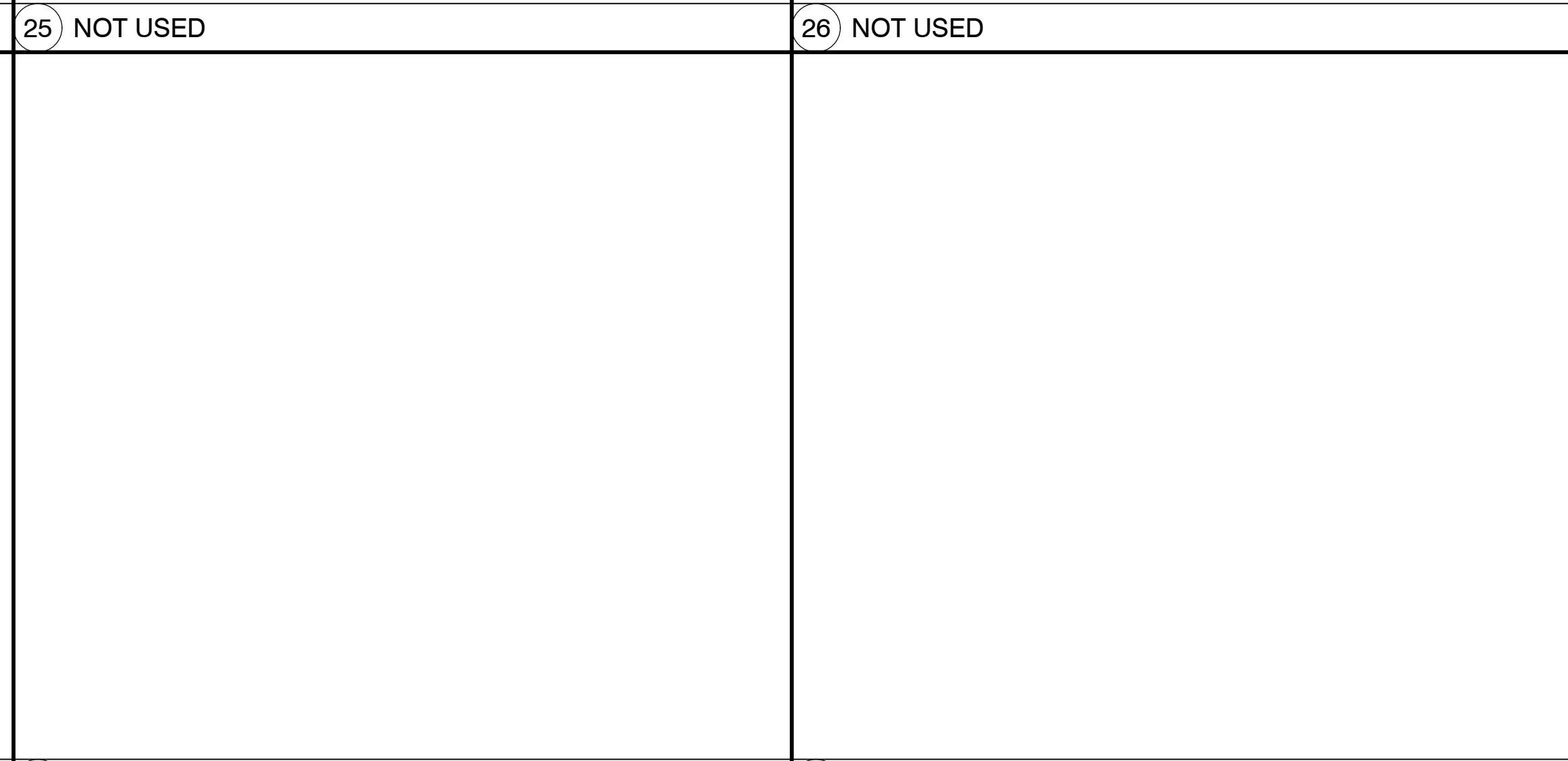
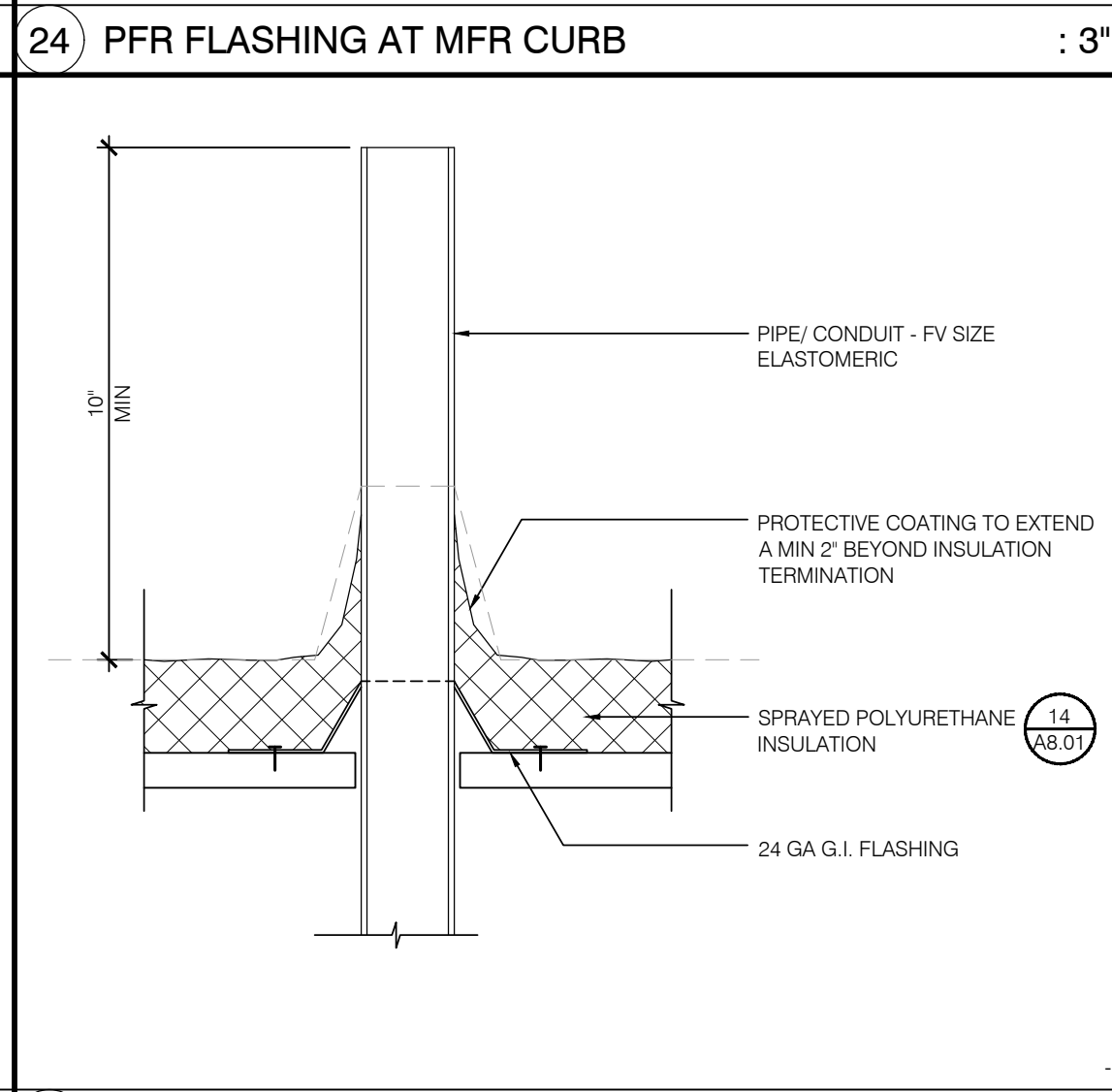
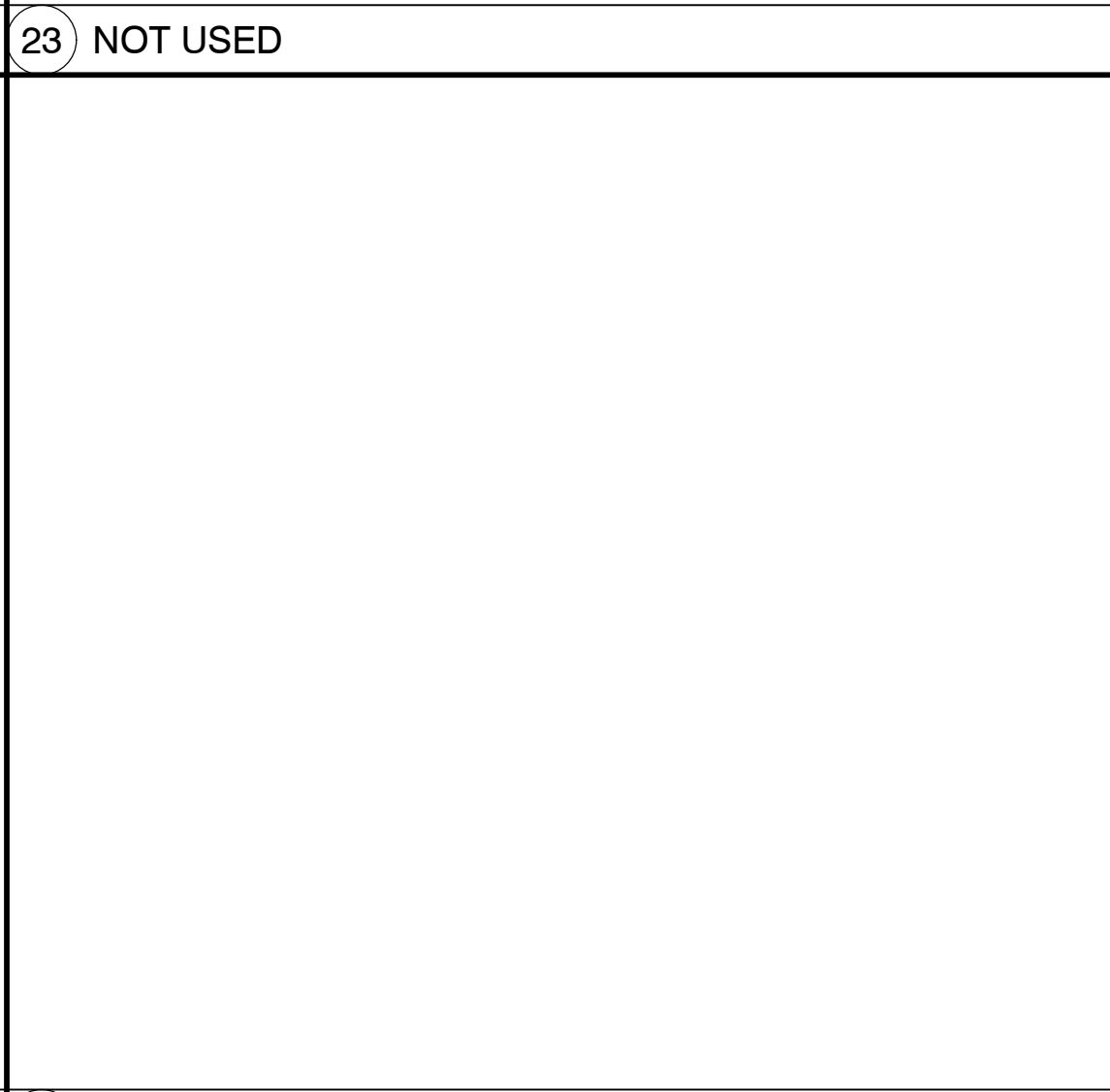
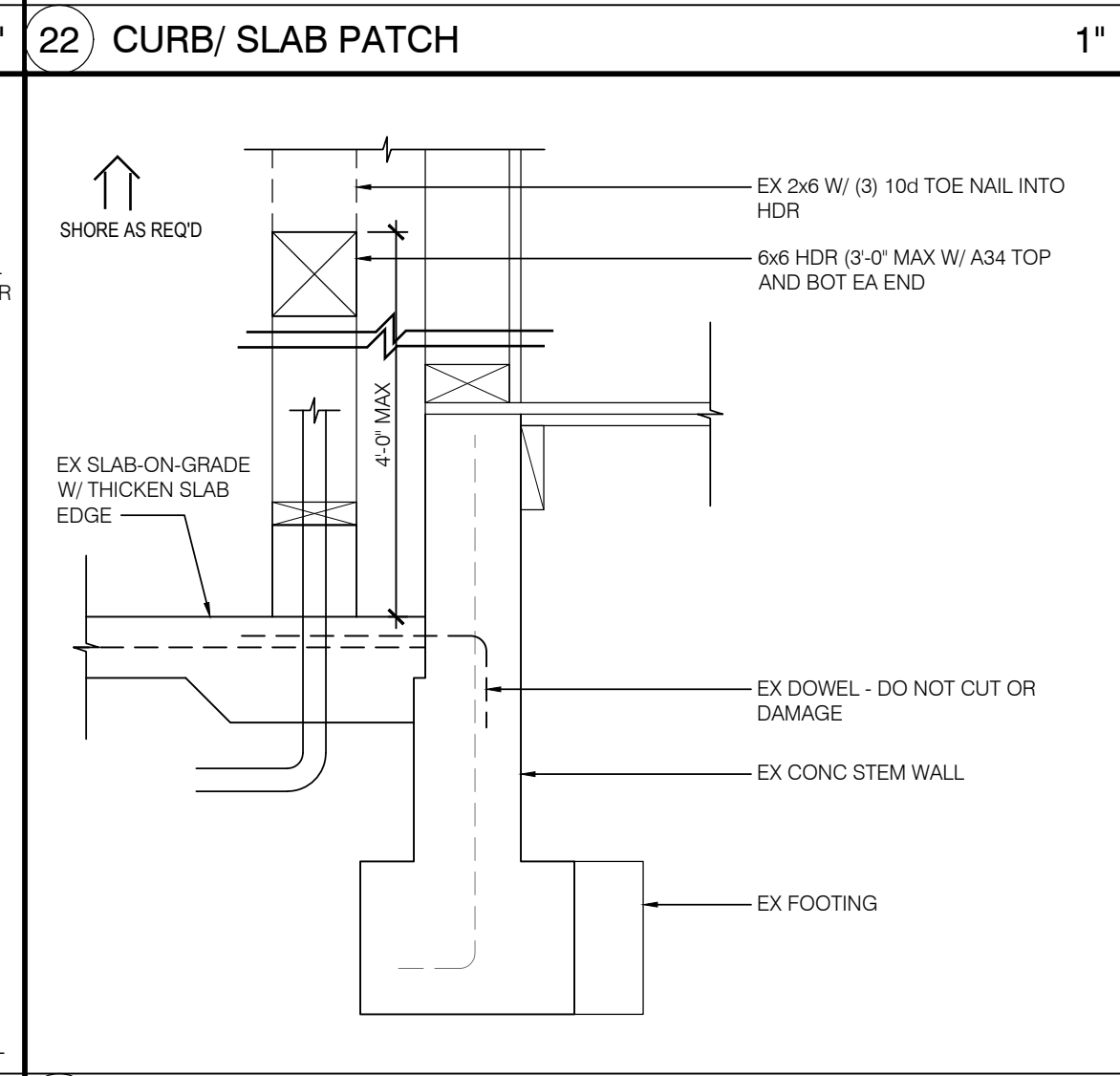
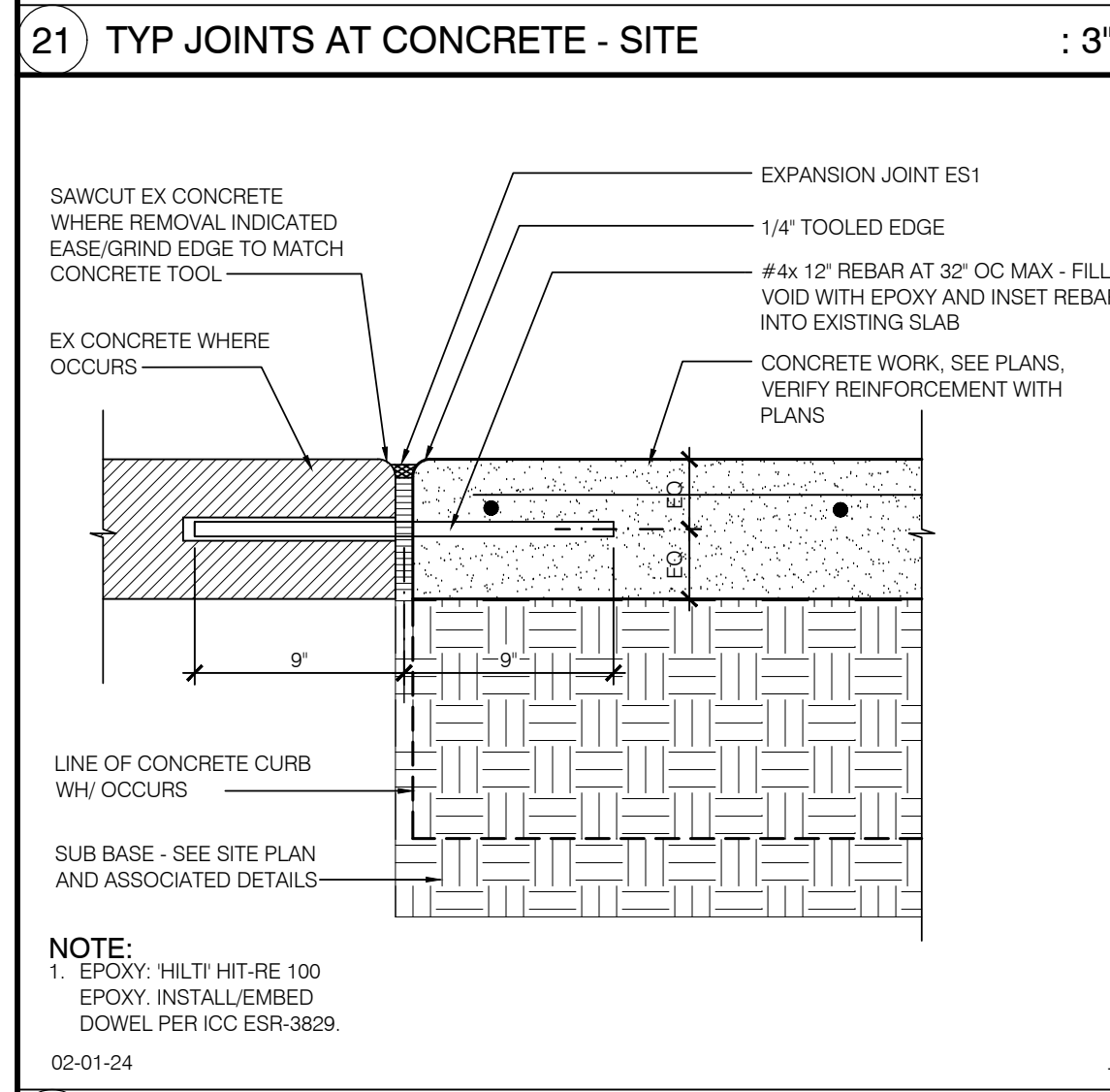
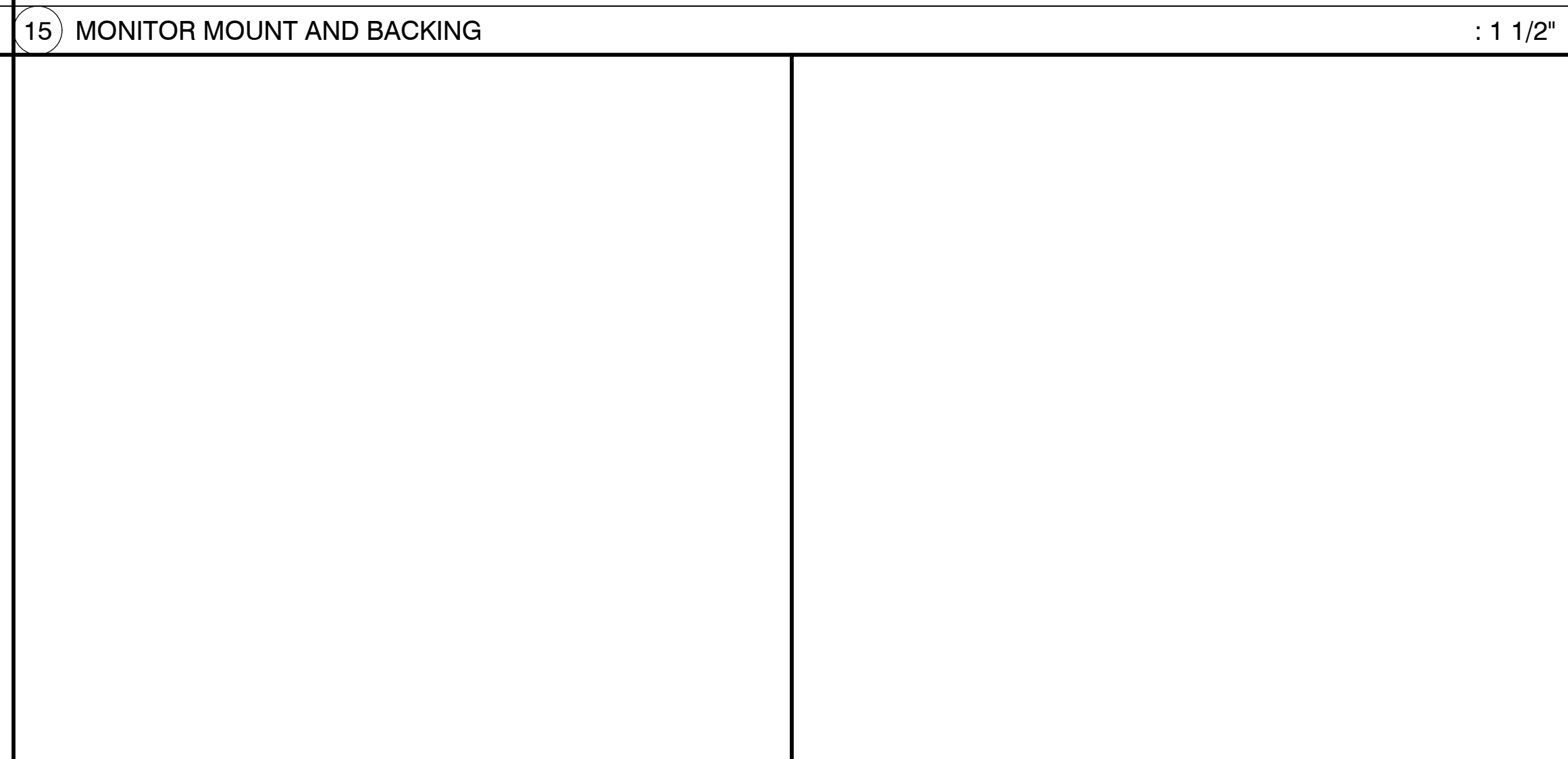
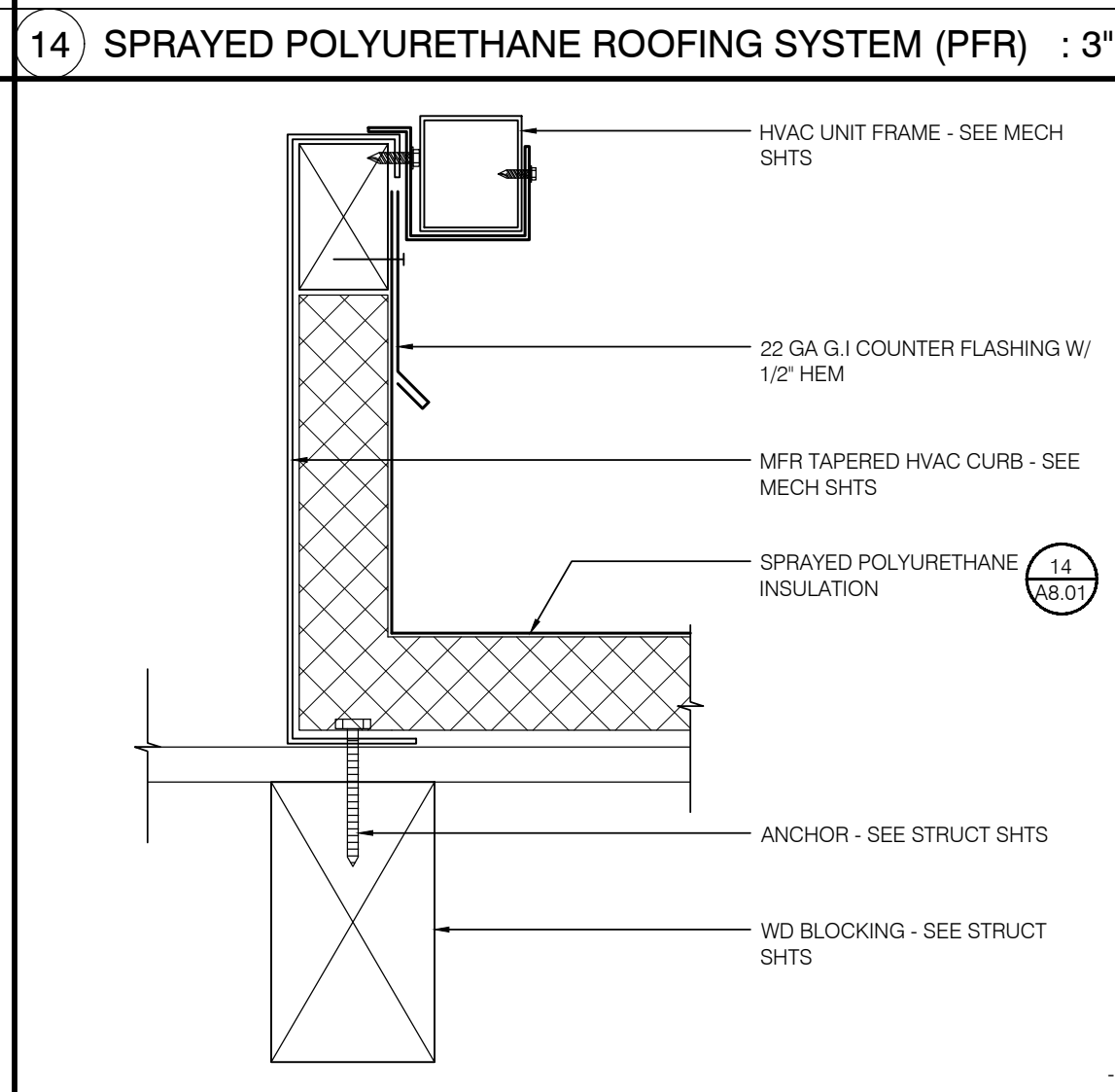
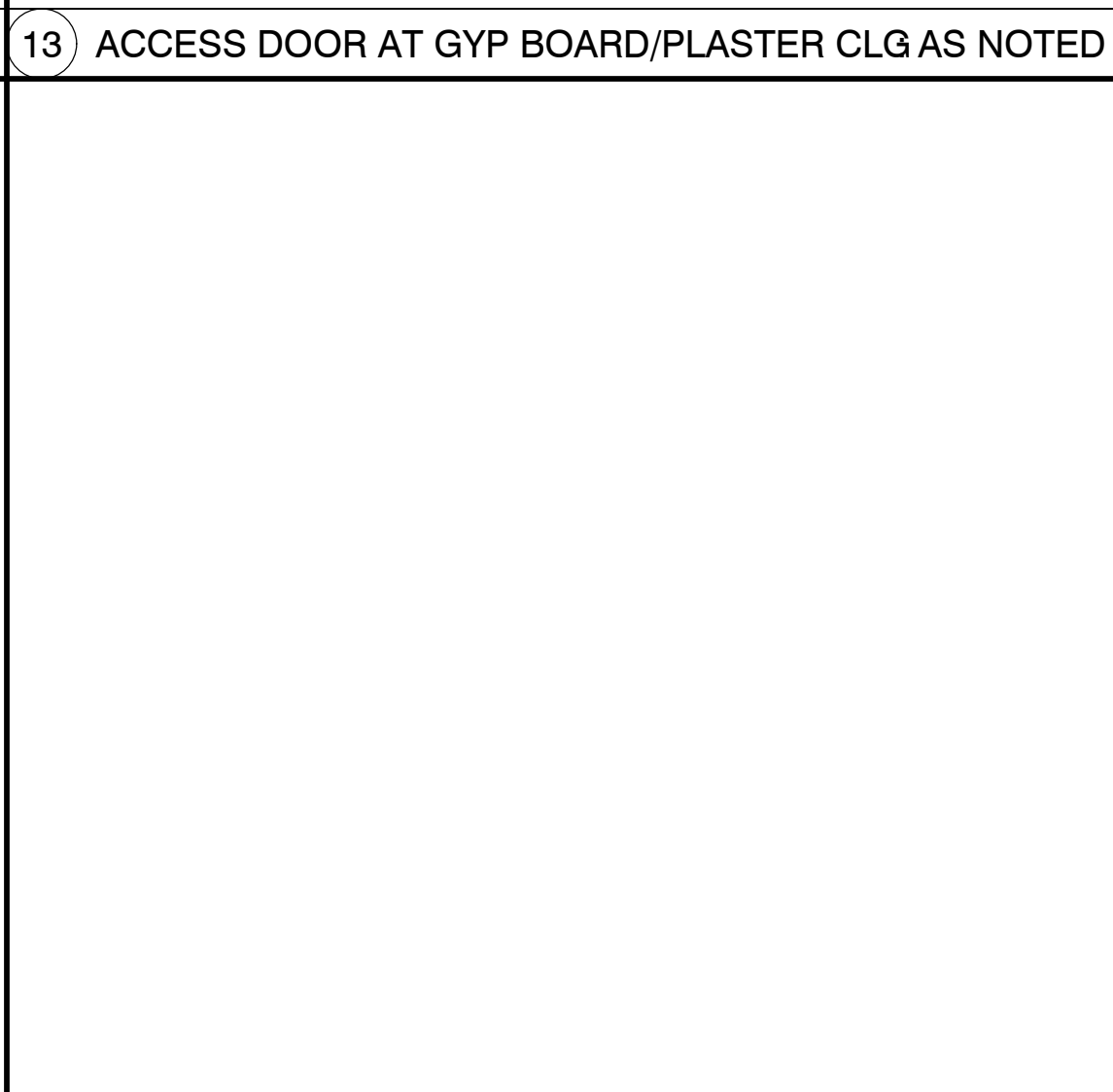
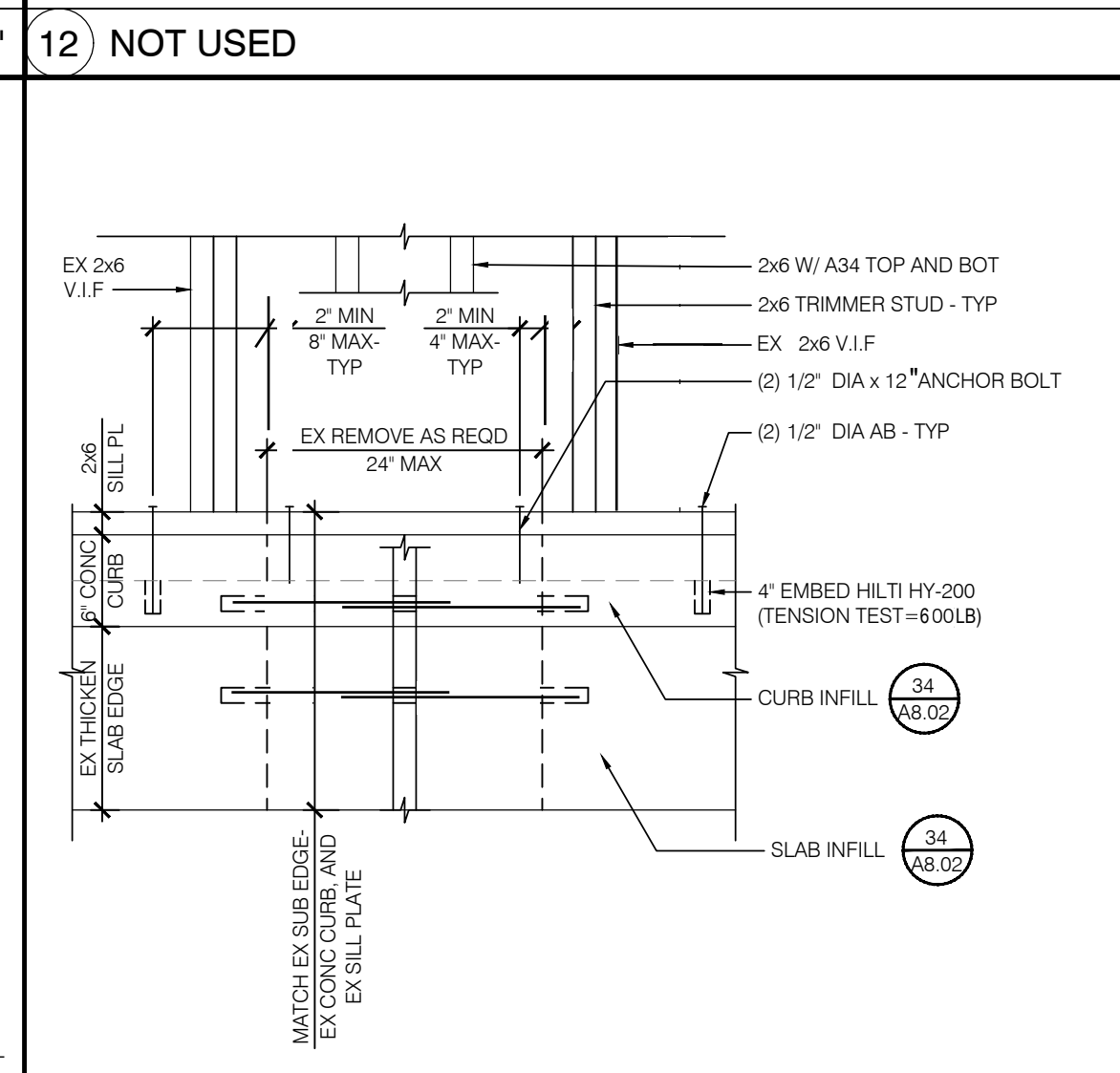
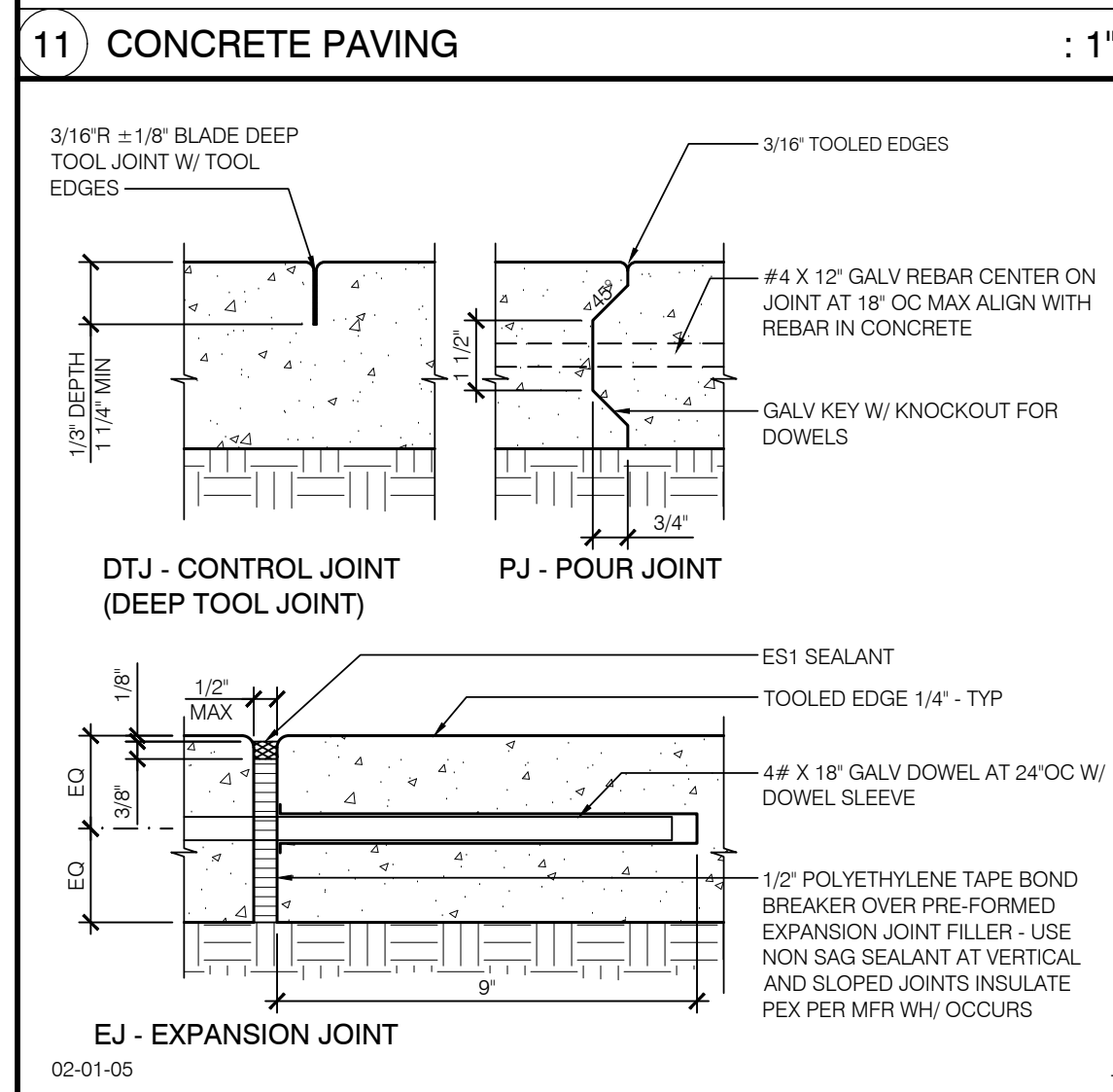
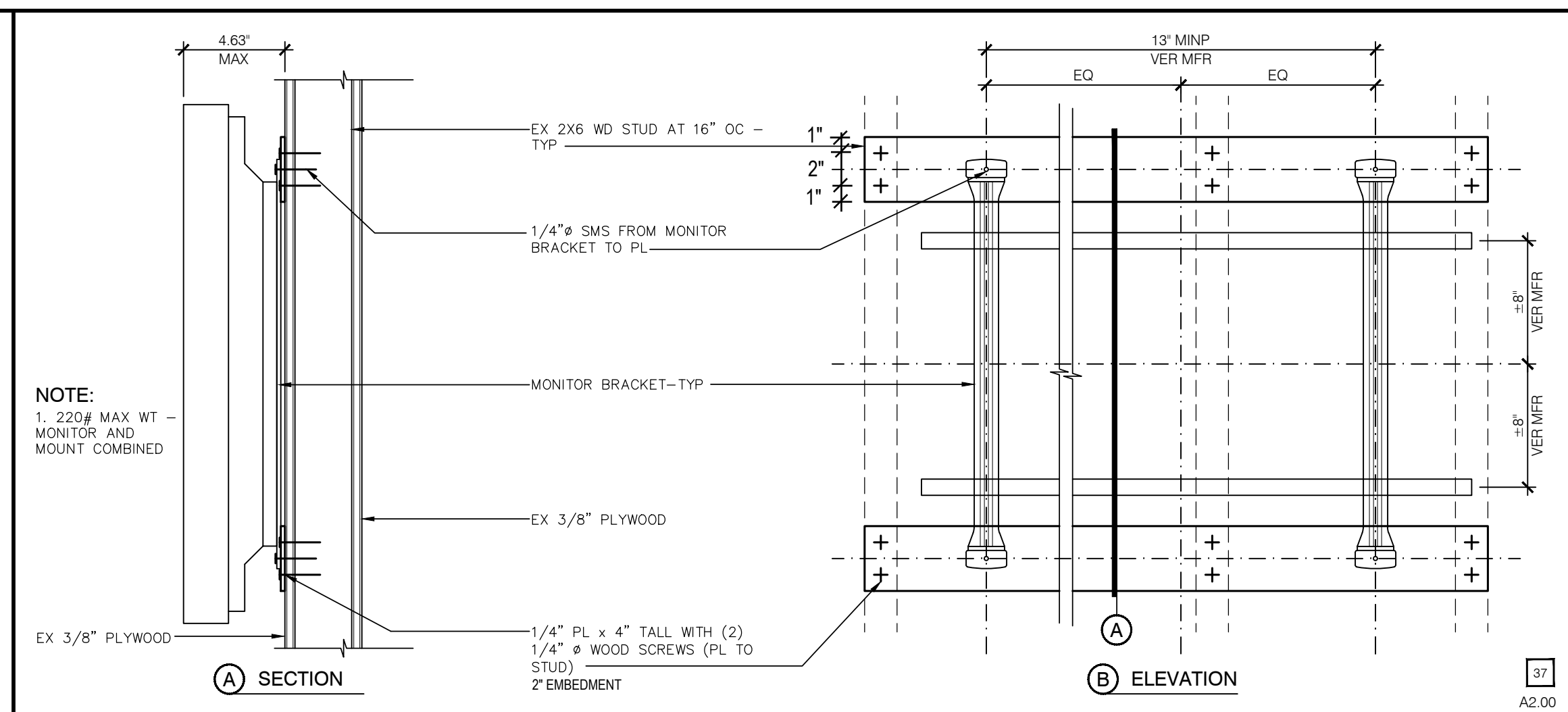
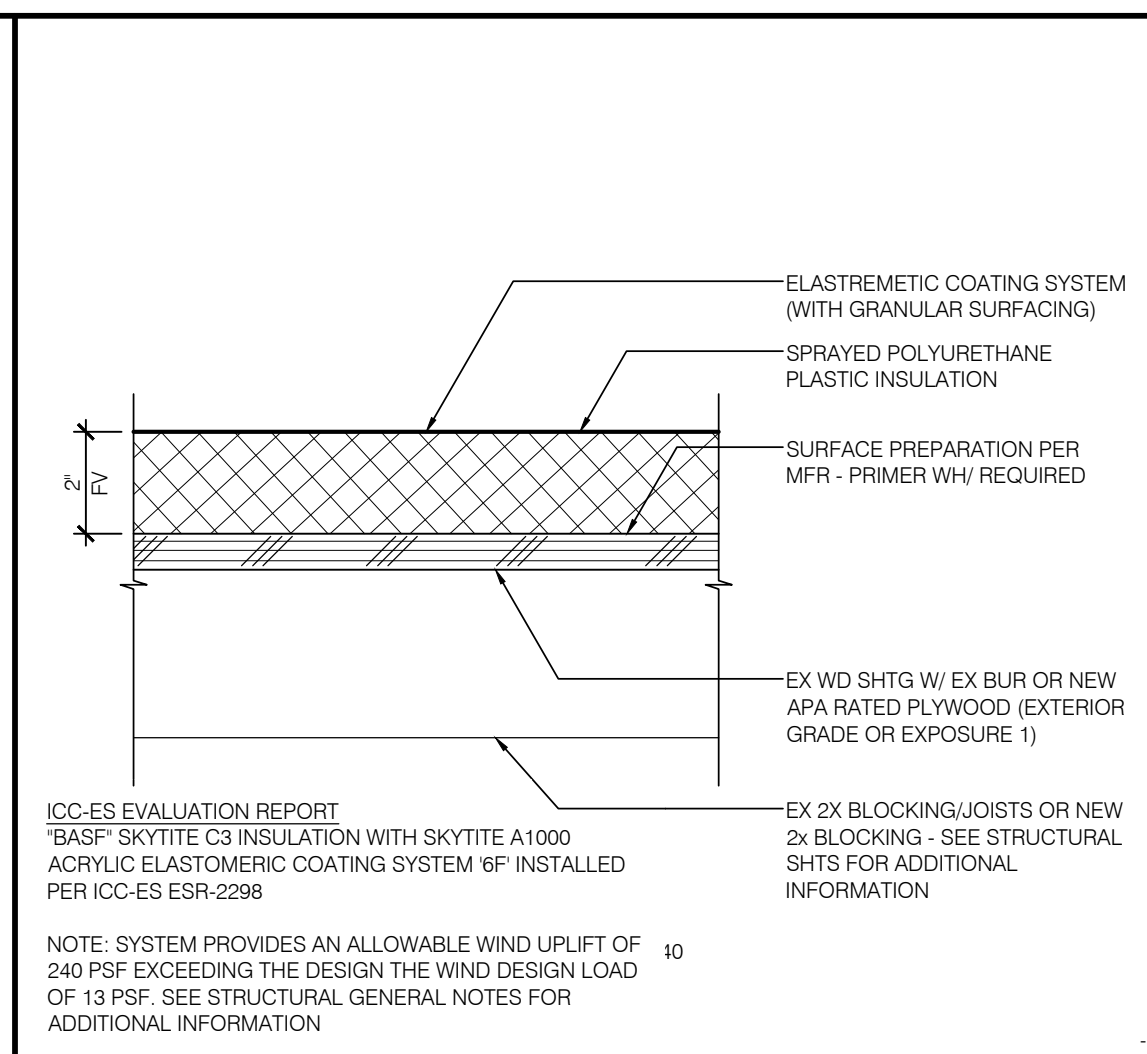
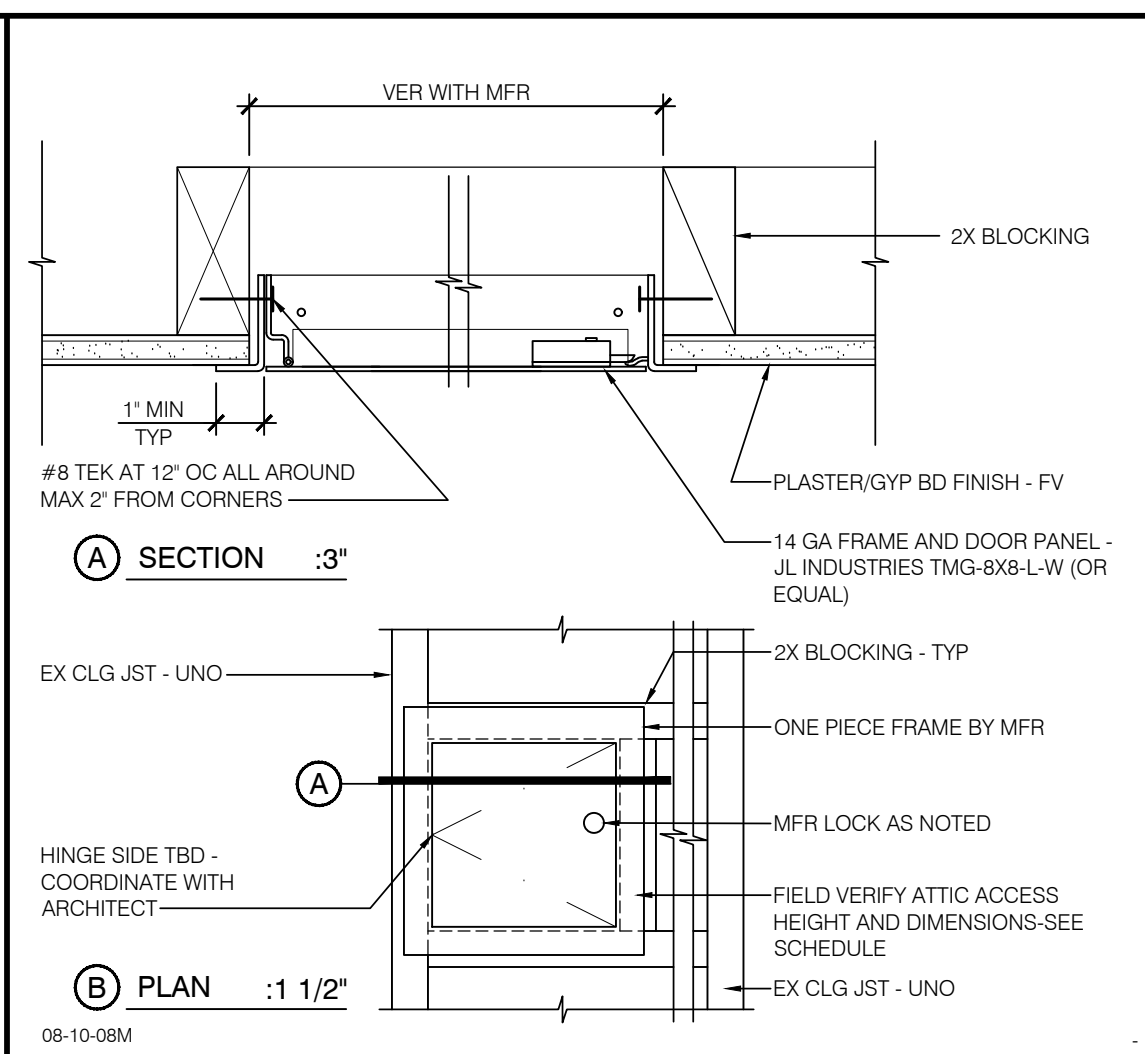
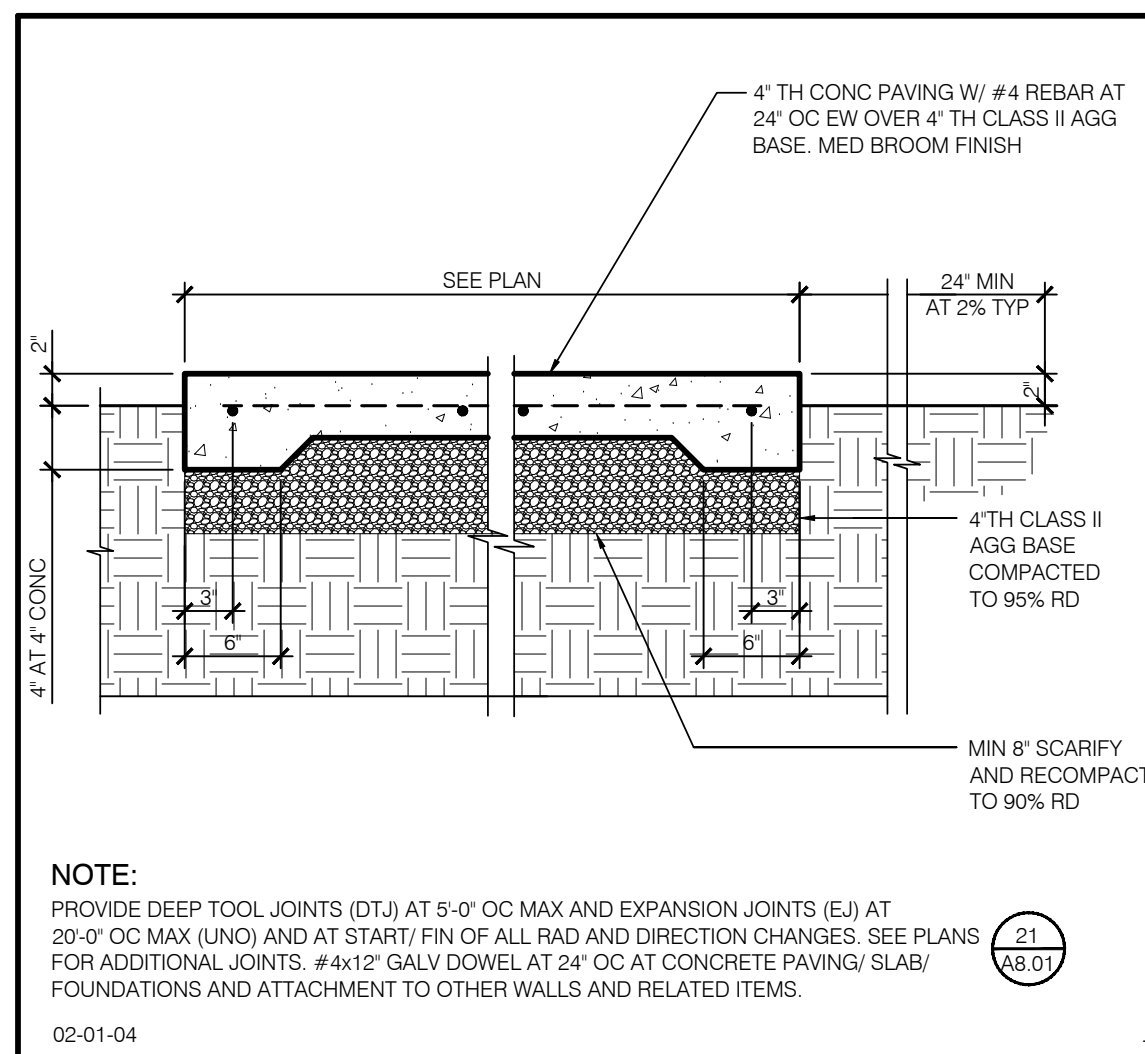
**REVISIONS**

No	Date	Item

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**A8.00**

DETAILS



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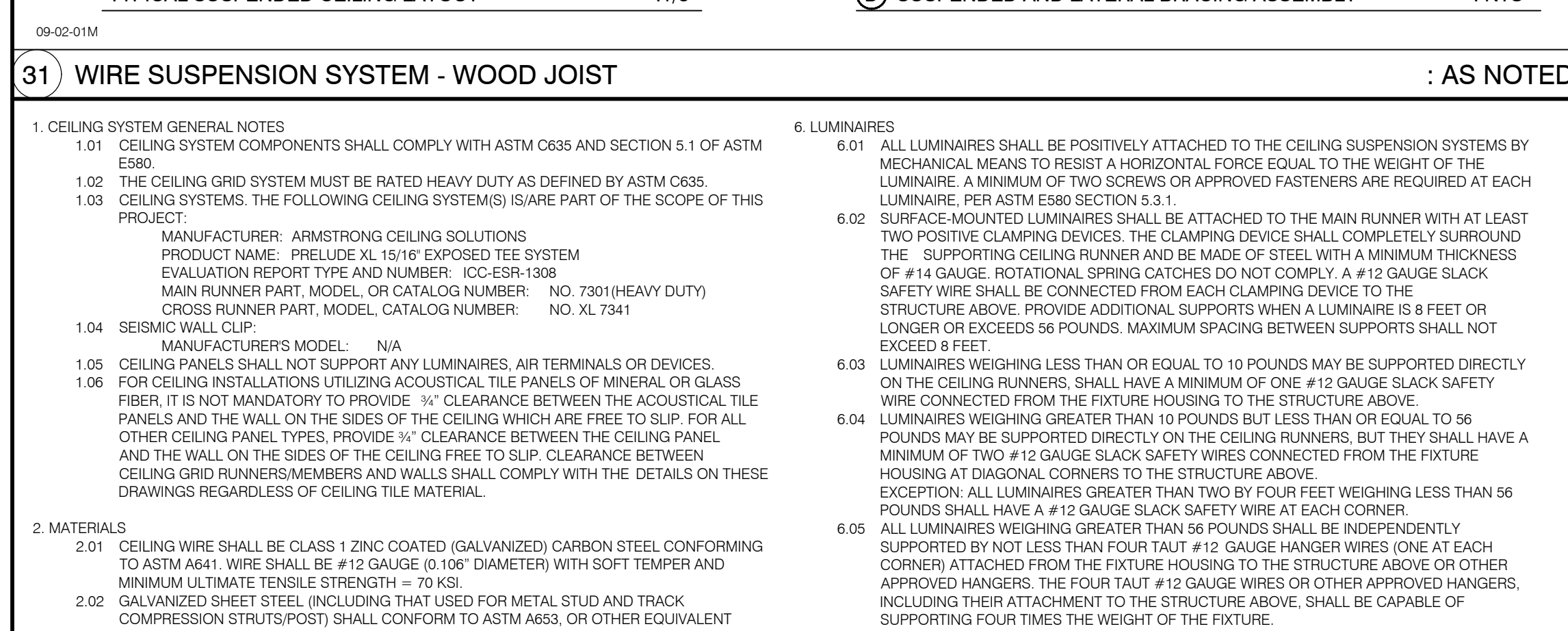
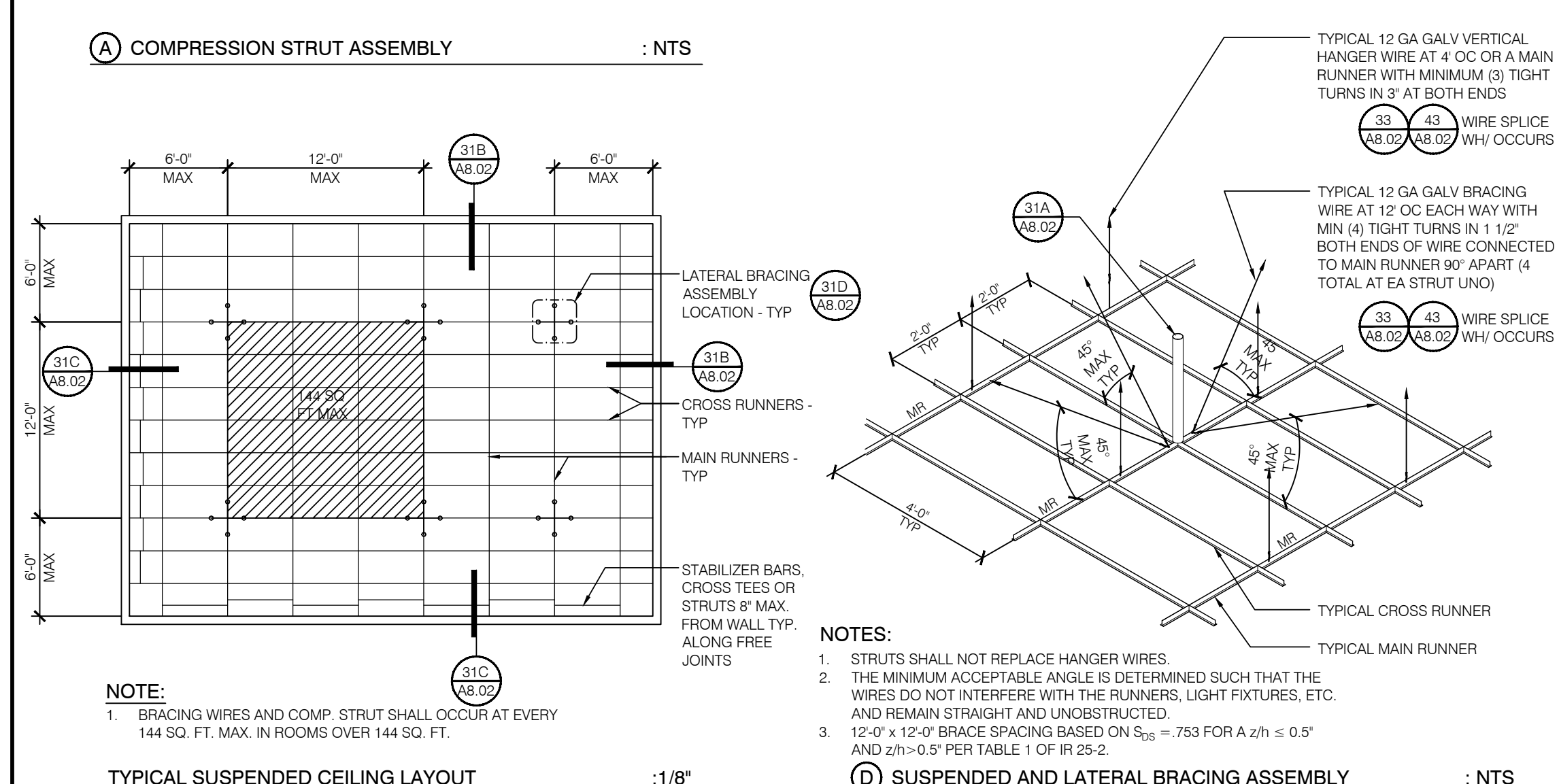
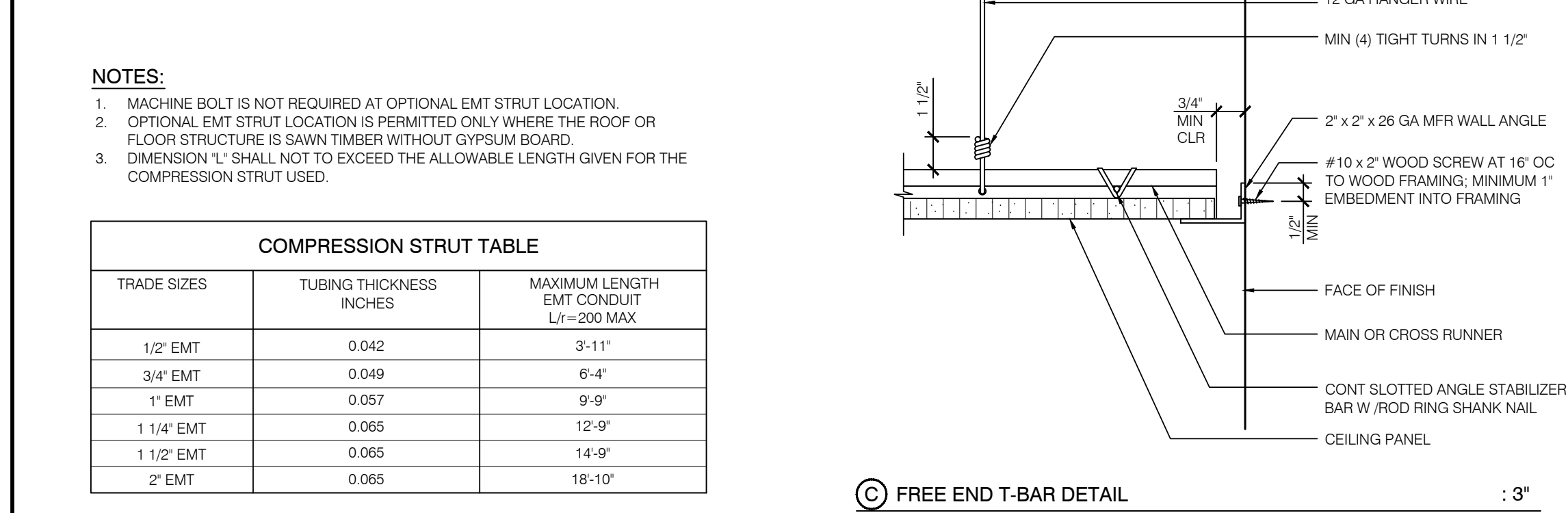
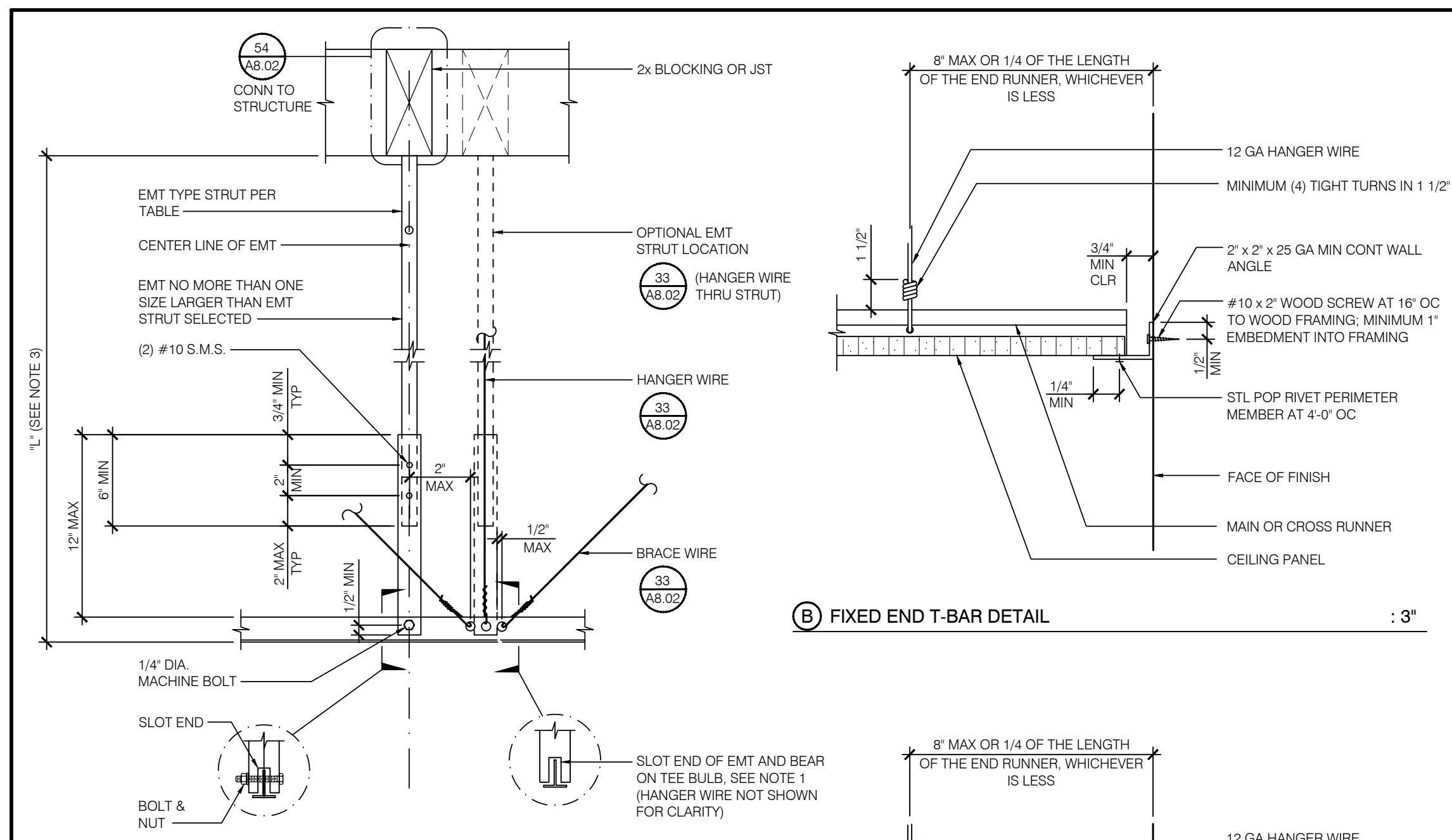
**REVISIONS**  
No Date Item

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02.20.24.14.54

DETAILS

**A8.01**



**31) WIRE SUSPENSION SYSTEM - WOOD JOIST** : AS NOTED

**1. CEILING SYSTEM COMPONENTS SHALL COMPLY WITH ASTM C638 AND SECTION 5.1 OF ASTM E880.**

**1.01 CEILING GRID SYSTEM MUST BE RATED HEAVY DUTY AS DEFINED BY ASTM C635.**

**1.02 CEILING SYSTEMS, THE FOLLOWING CEILING SYSTEMS ARE PART OF THE SCOPE OF THIS PROJECT:**

**MANUFACTURER: ARMSTRONG CEILING SOLUTIONS**  
**PRODUCT NAME: PRELUDE XL 10'x10' EXPOSED TEE SYSTEM**  
**EVALUATION REPORT TYPE AND NUMBER: ICC-ESR-1008**  
**MAIN RUNNER PART, MODEL, OR CATALOG NUMBER: NO. 7301/HEAVY DUTY**  
**CROSS RUNNER PART, MODEL, CATALOG NUMBER: NO. XL 7341**

**1.04 SEISMIC WALL CLIP**  
**MANUFACTURER'S MODEL: N/A**

**1.05 CEILING PANELS SHALL NOT SUPPORT ANY LUMINAIRES, AIR TERMINALS OR DEVICES.**

**1.06 FOR CEILING INSTALLATION UTILIZING ACOUSTICAL TILE PANELS OF MINERAL OR GLASS FIBER, IT IS NOT MANDATORY TO PROVIDE 3/4" CLEARANCE BETWEEN THE ACOUSTICAL TILE PANELS AND THE WALL ON THE SIDES OF THE CEILING WHICH ARE FREE TO SLIP FOR ALL OTHER CEILING PANEL TYPES. PROVIDE 3/4" CLEARANCE BETWEEN THE CEILING PANEL AND THE WALL ON THE SIDES OF THE CEILING FREE TO SLIP. CLEARANCE BETWEEN CEILING GRID RUNNERS, MEMBERS AND WALLS SHALL COMPLY WITH THE DETAILS ON THESE DRAWINGS REGARDLESS OF CEILING TILE MATERIAL.**

**2. MATERIALS**

**2.01 CEILING WIRE SHALL BE CLASS 1 ZINC COATED (GALVANIZED) CARBON STEEL CONFORMING TO ASTM A641. WIRE SHALL BE #12 GAUGE (0.106" DIAMETER) WITH SOFT TEMPER AND MINIMUM UL TENSILE STRENGTH = 70 KSI.**

**2.02 GALVANIZED SHEET STEEL, INCLUDING THAT USED FOR METAL STUD AND TRACK COMPRESSION STRUTS/POST SHALL CONFORM TO ASTM A653, OR OTHER EQUIVALENT SHEET STEEL LISTED IN SECTION A3.1 OF THE NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS (AISI S100). MATERIAL 43 ML 18 GAUGE (AND LIGHTER) SHALL HAVE MINIMUM YIELD STRENGTH OF 33 KSI. MATERIAL 24 ML (16 GAUGE) AND HEAVIER SHALL HAVE A MINIMUM YIELD STRENGTH OF 30 KSI.**

**2.03 ELECTRICAL METALIC TUBE (EMT) SHALL BE ANS C80 AUL 797 CARBON STEEL WITH C90 GALVANIZING. EMT SHALL HAVE MINIMUM YIELD STRENGTH (FY) OF 30 KSI AND MINIMUM ULTIMATE STRENGTH (FU) OF 48 KSI.**

**3. ATTACHMENT OF HANGER AND BRACING WIRES**

**3.01 SEPARATE ALL CEILING HANGER AND BRACING WIRES AT LEAST 6 INCHES FROM ALL UNGRADED DUCTS, PIPES, CONDUIT, ETC.**

**3.02 HANGER AND BRACING WIRES SHALL NOT ATTACH TO OR BEND AROUND OBSTRUCTIONS INCLUDING, BUT NOT LIMITED TO, ELECTRICAL DUCTS AND CONDUIT.**

**3.03 HANGER WIRES THAT ARE MORE THAN ONE (HORIZONTAL) IN SIX (VERTICAL) OUT OF PLUMB SHALL HAVE COUNTERSLOPPING WIRES.**

**3.04 SLACK SAFETY WIRES SHALL BE CONSIDERED HANGER WIRES FOR INSTALLATION AND TESTING REQUIREMENTS.**

**3.05 HANGER AND BRACING WIRE ANCHORAGE TO THE STRUCTURE SHALL BE INSTALLED IN SUCH A MANNER THAT THE DIRECTION OF THE ANCHORAGE ALIGNS CLOSELY WITH THE DIRECTION OF THE WIRE (E.G. BRACING WIRE CEILING CLIPS MUST BE SHOWN IN THE DETAILS AND ROTATED AS REQUIRED TO ALIGN CLOSELY WITH THE DIRECTION OF THE WIRE. SCREW EYES IN WOOD MUST BE INSTALLED SO THEY ALIGN CLOSELY WITH THE DIRECTION OF THE WIRE, ETC.).**

**4. FASTENERS AND WELDING**

**4.01 SHEET METAL SCREWS SHALL COMPLY WITH ASTM C113 AND ASME B18.8.3. PENETRATION OF SCREWS THROUGH JOINED MATERIAL SHALL NOT BE LESS THAN THREE EXPOSED THREADS.**

**4.02 EXPANSION ANCHORS SHALL BE: (HLTI KBT22, ICC-ESR-4366)**

**4.03 POWER ACTUATED FASTENERS SHALL BE: (HLTI X U SHOT PINS, ICC-ESR-2289)**

**4.04 IF NOT OTHERWISE SPECIFIED IN THE EVALUATION REPORT, POWER ACTUATED FASTENERS INSTALLED IN STEEL SHALL BE INSTALLED SO THE ENTIRE POINTED END OF THE FASTENER IS DRIVEN THROUGH THE STEEL.**

**4.05 POWER ACTUATED FASTENERS IN CONCRETE OR MASONRY ARE NOT PERMITTED FOR BRACING WIRES.**

**4.06 CONCRETE REINFORCEMENT AND PRESTRESSING TENDONS SHALL BE LOCATED BY NON-DESTRUCTIVE MEANS PRIOR TO INSTALLING POST-INSTALLED ANCHORS.**

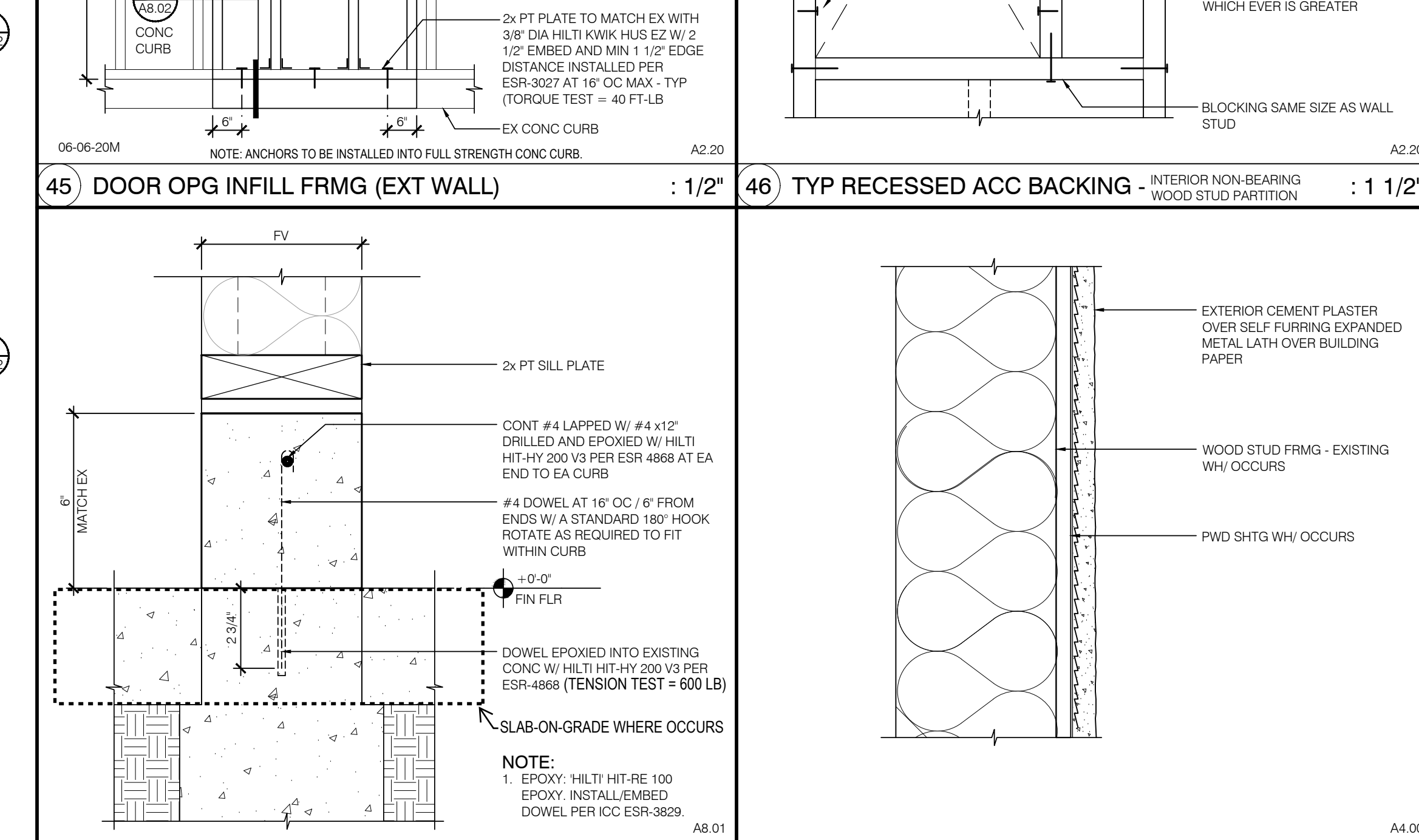
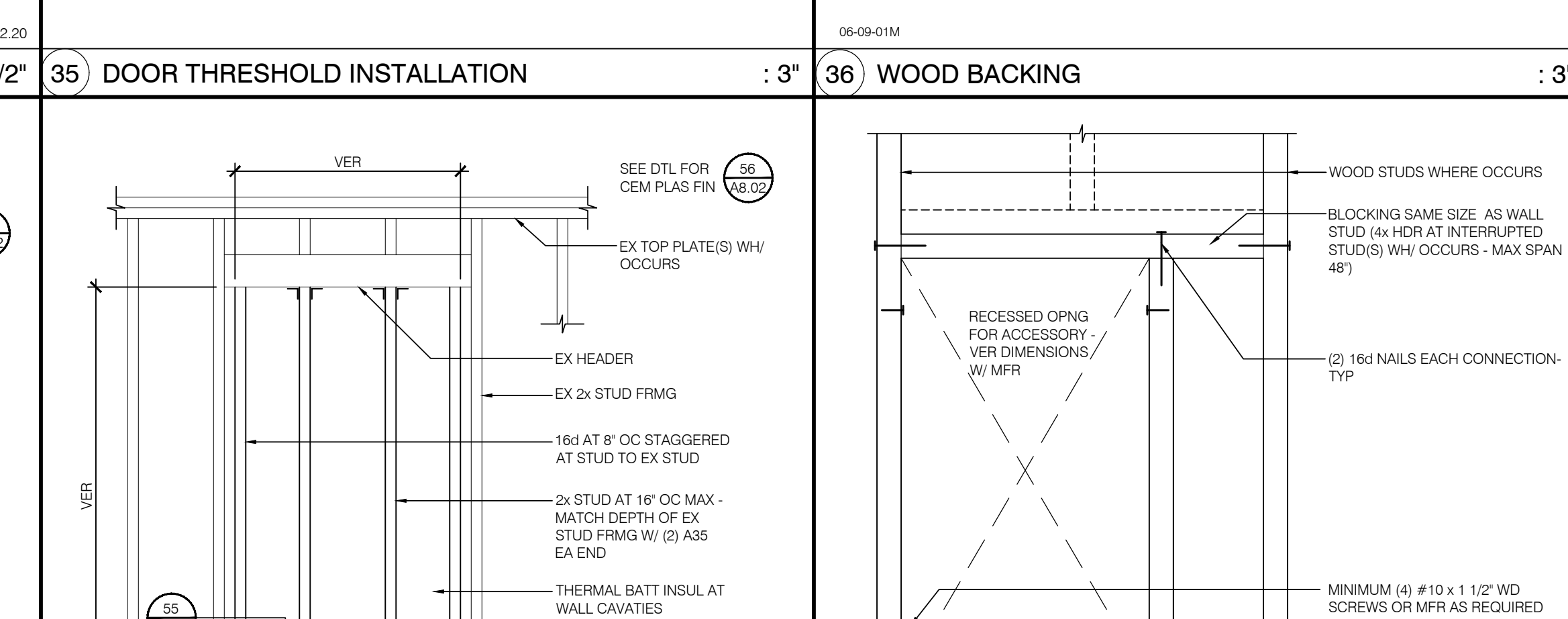
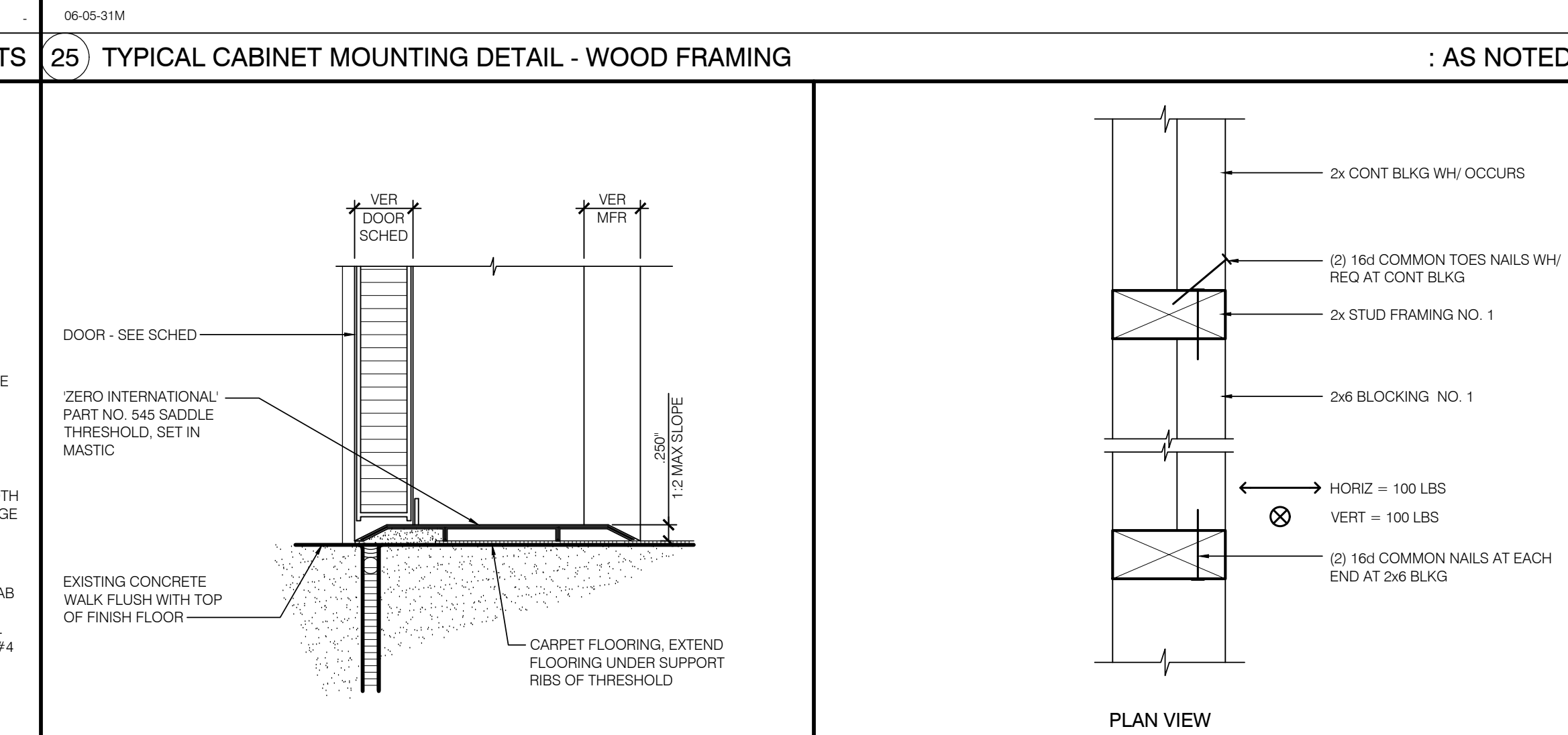
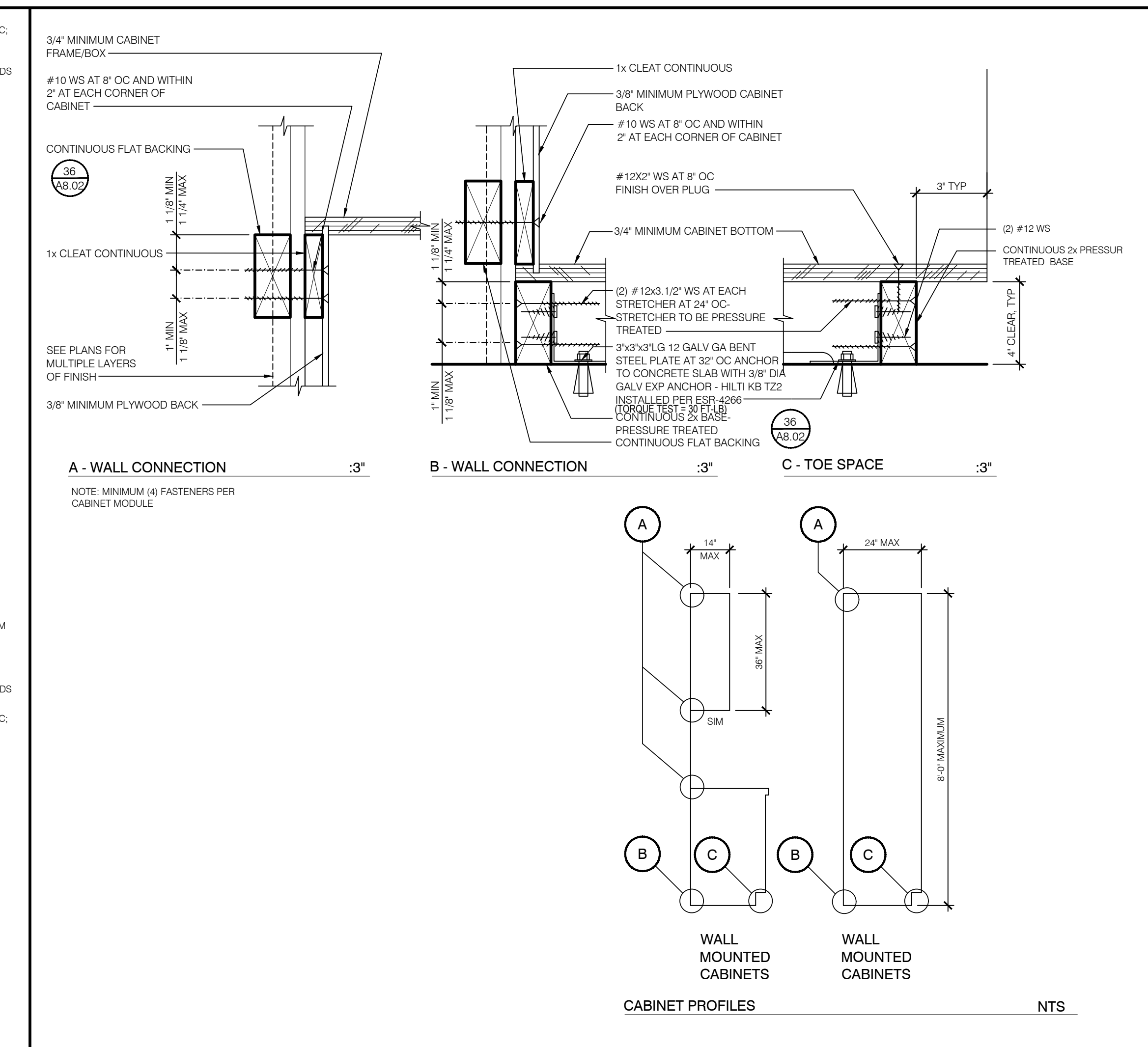
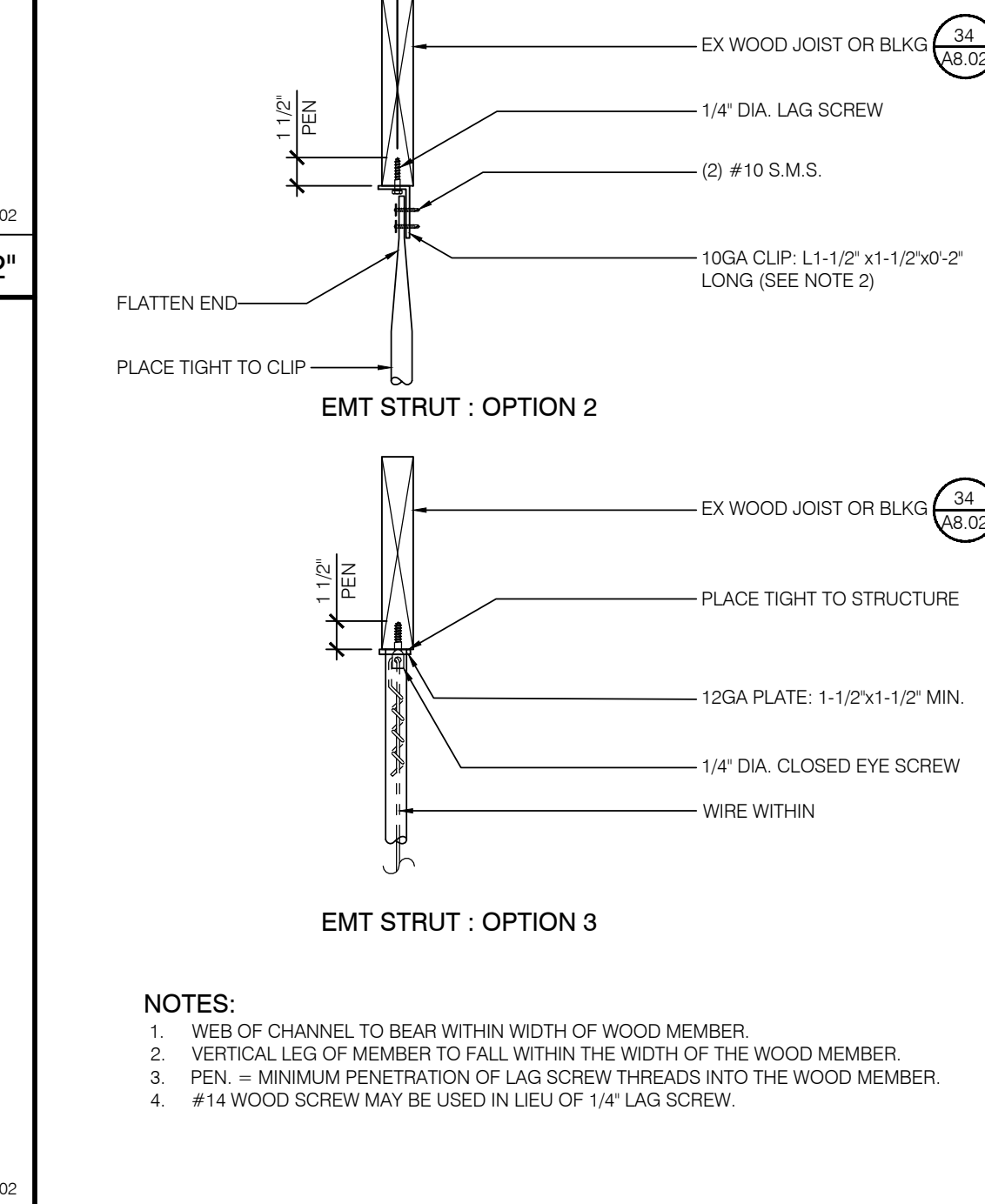
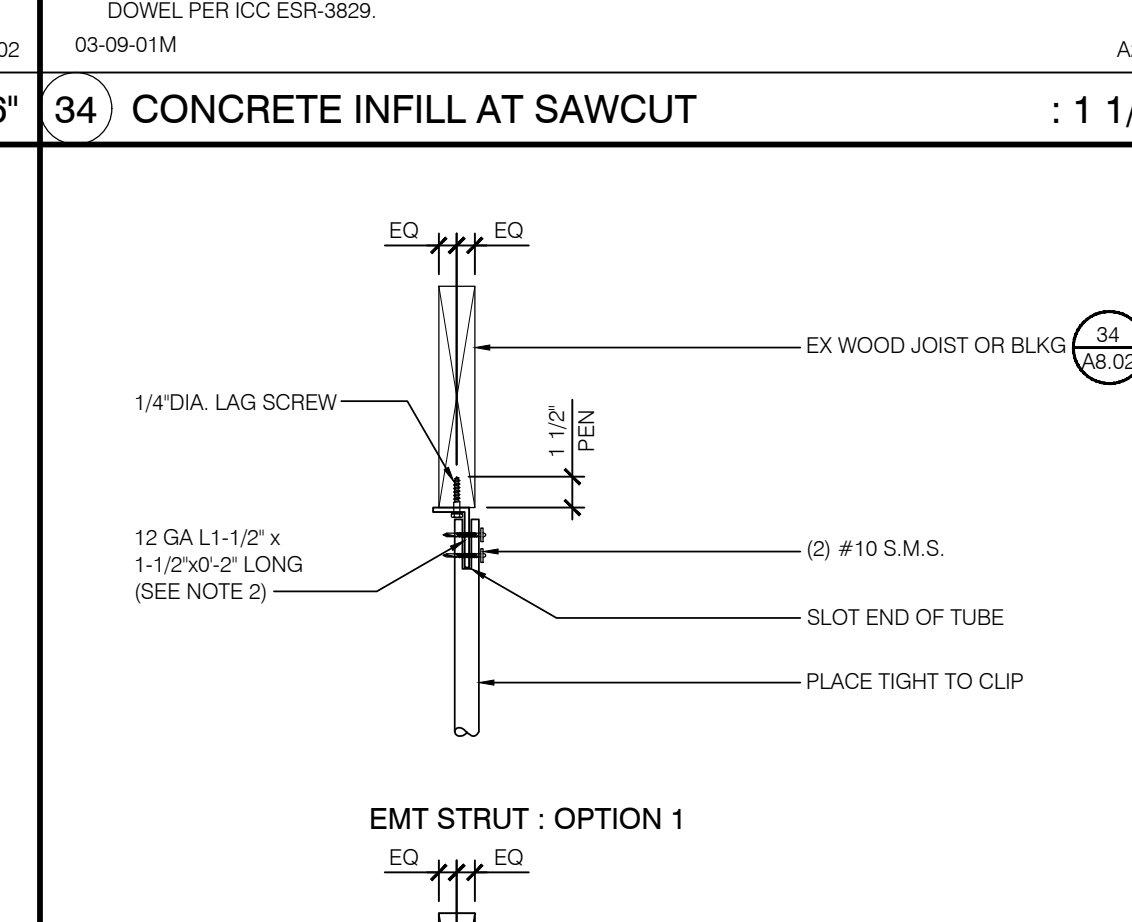
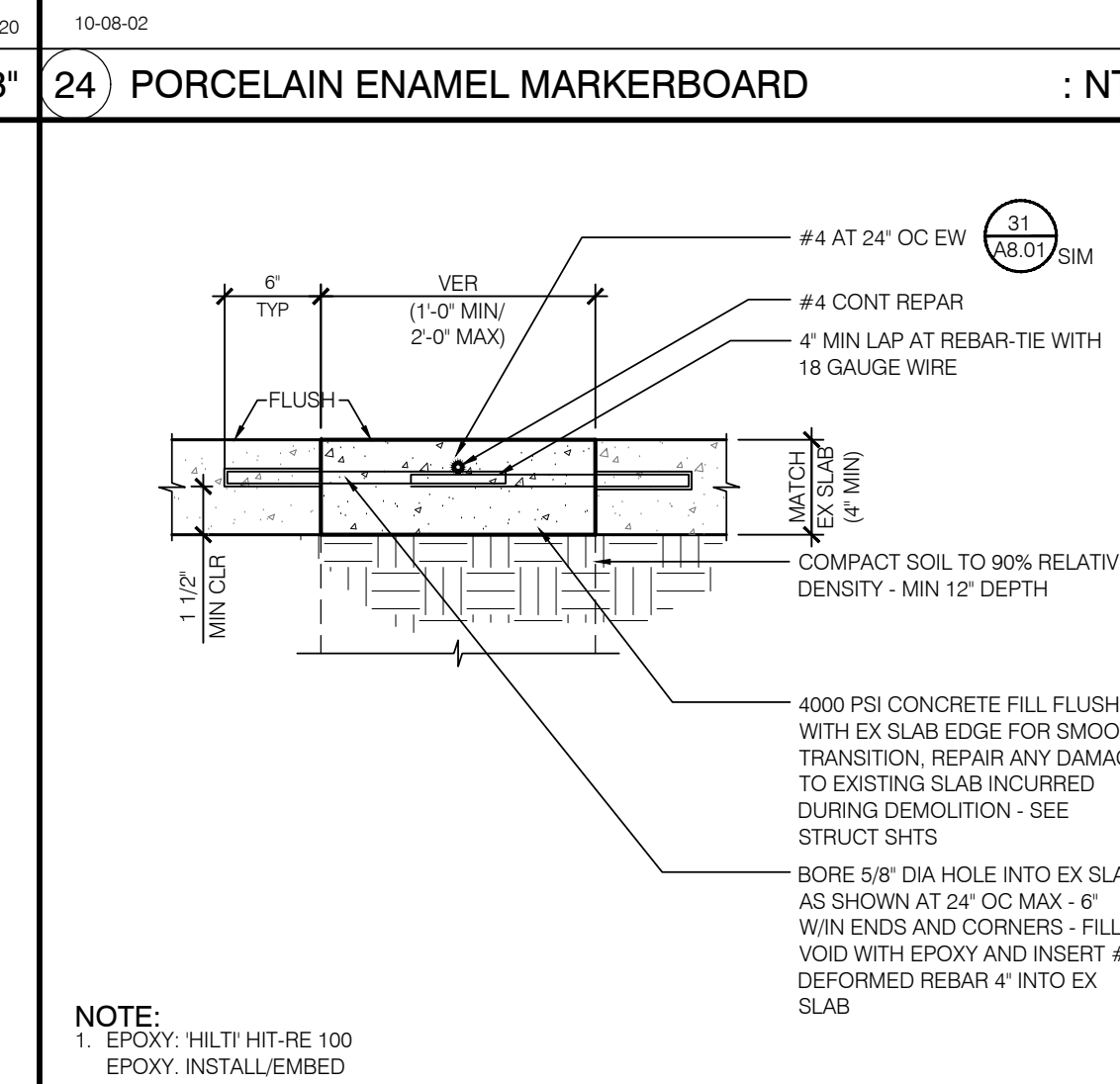
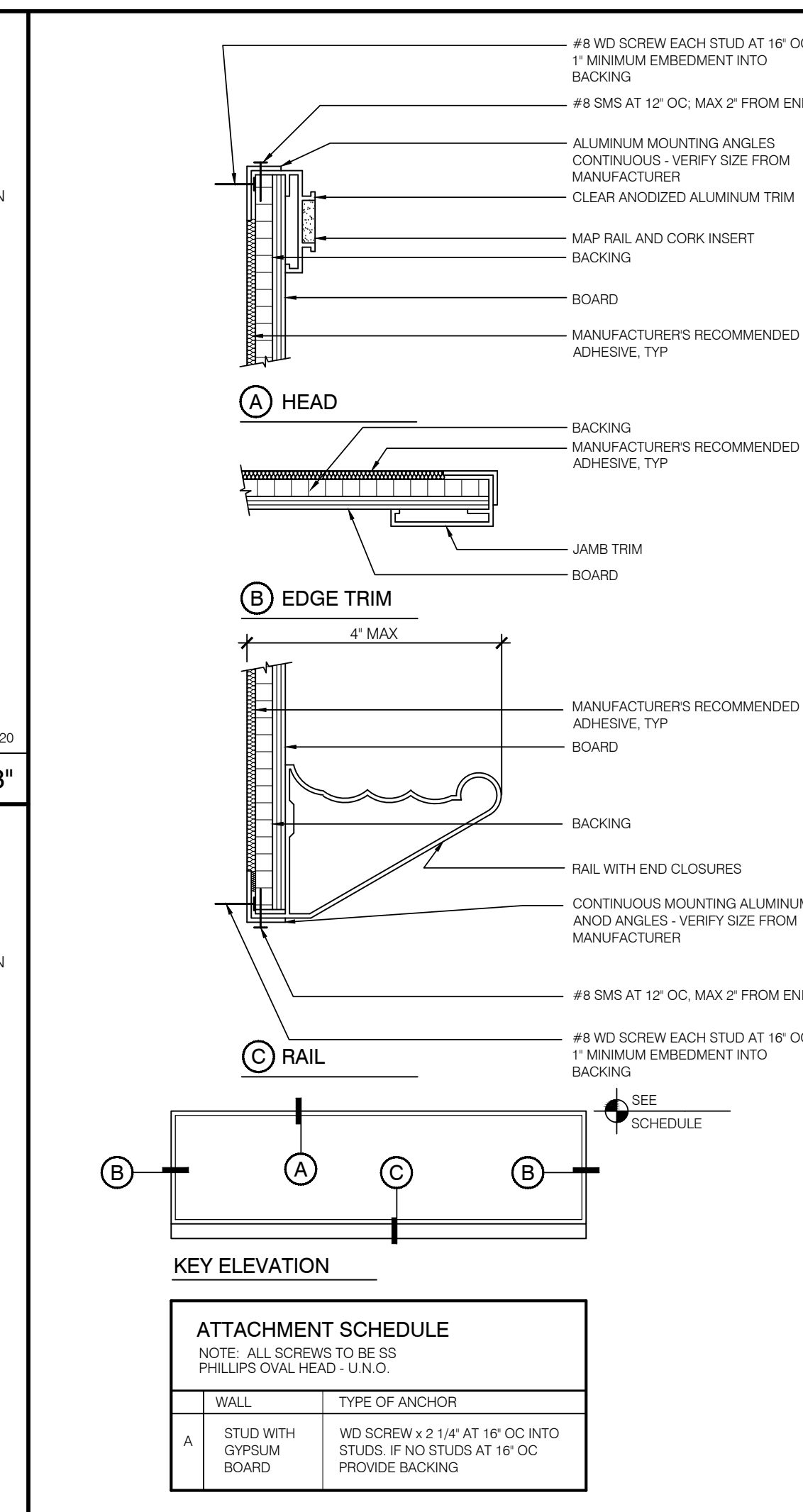
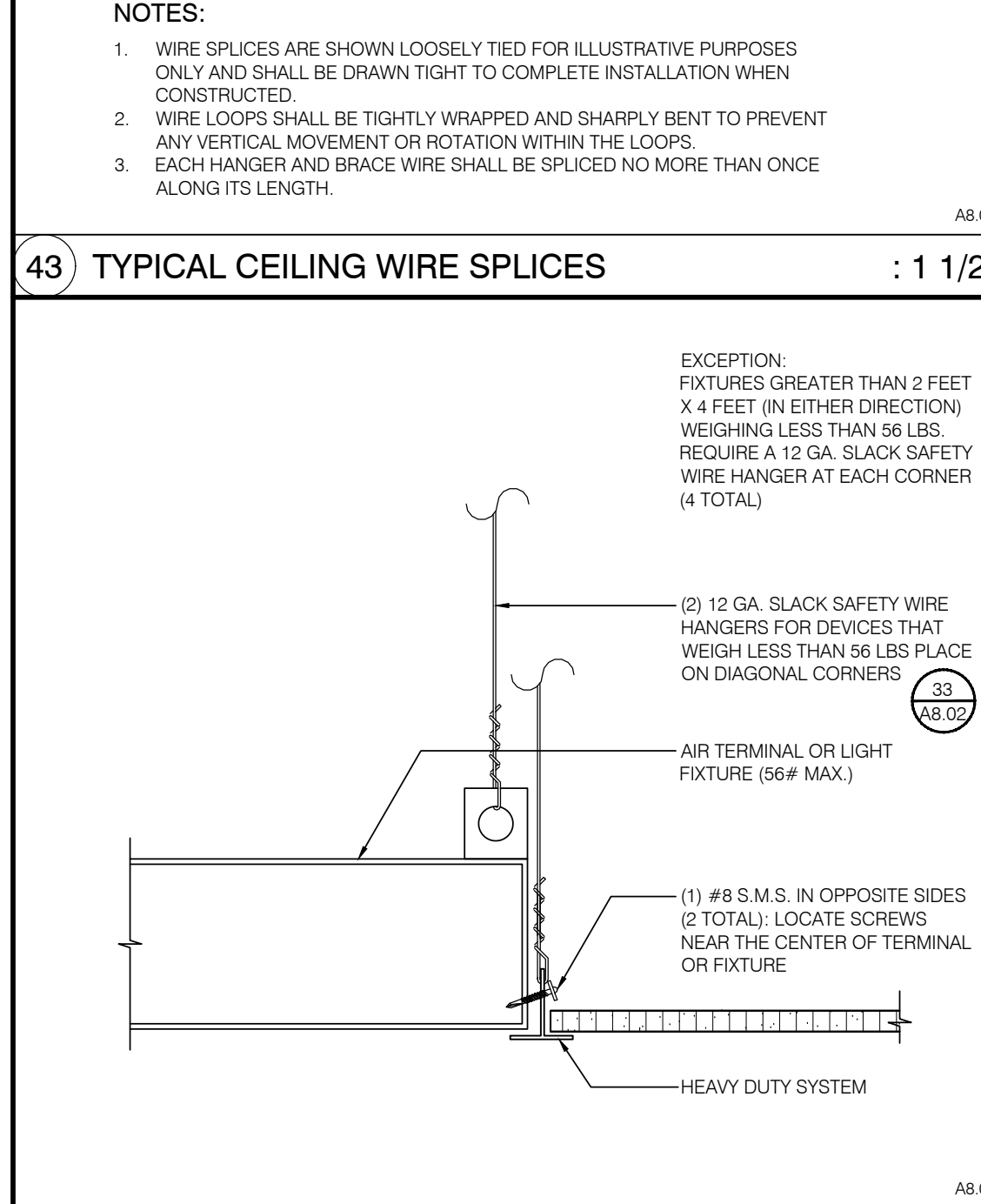
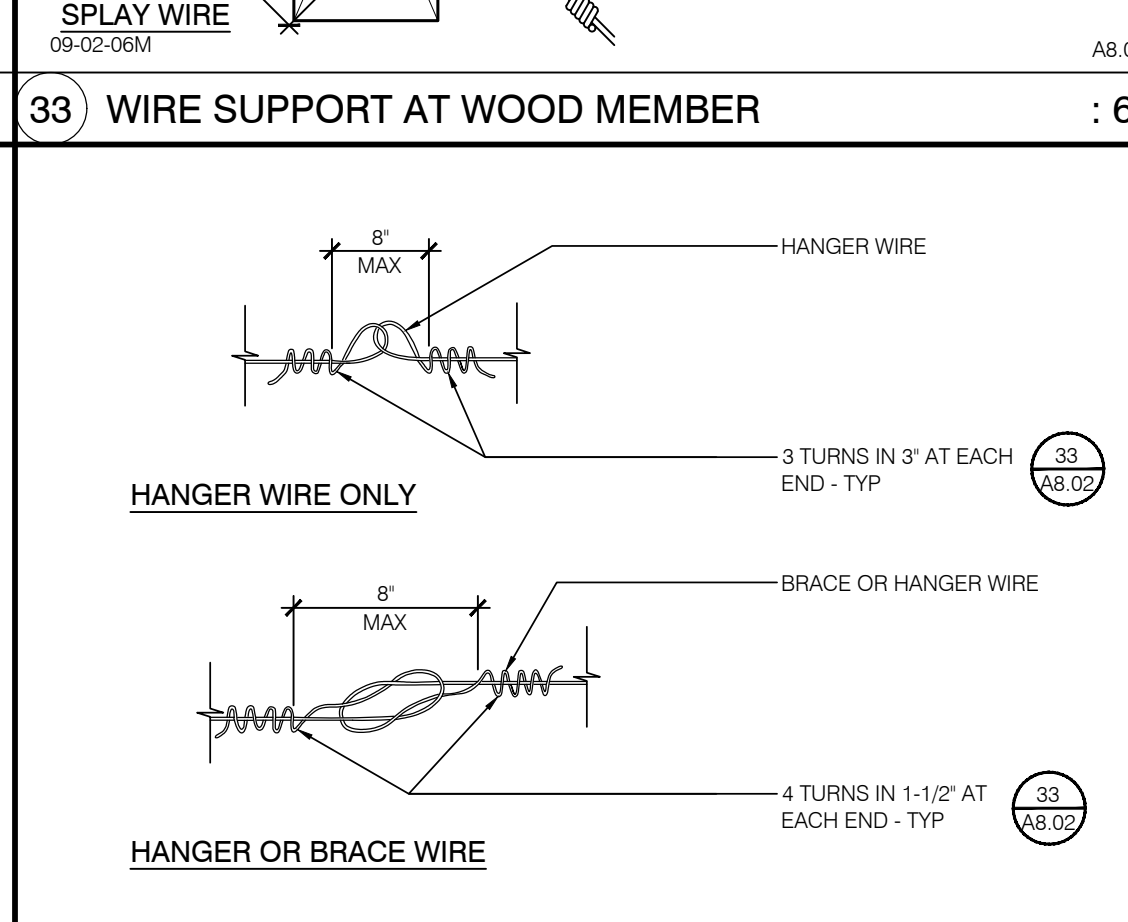
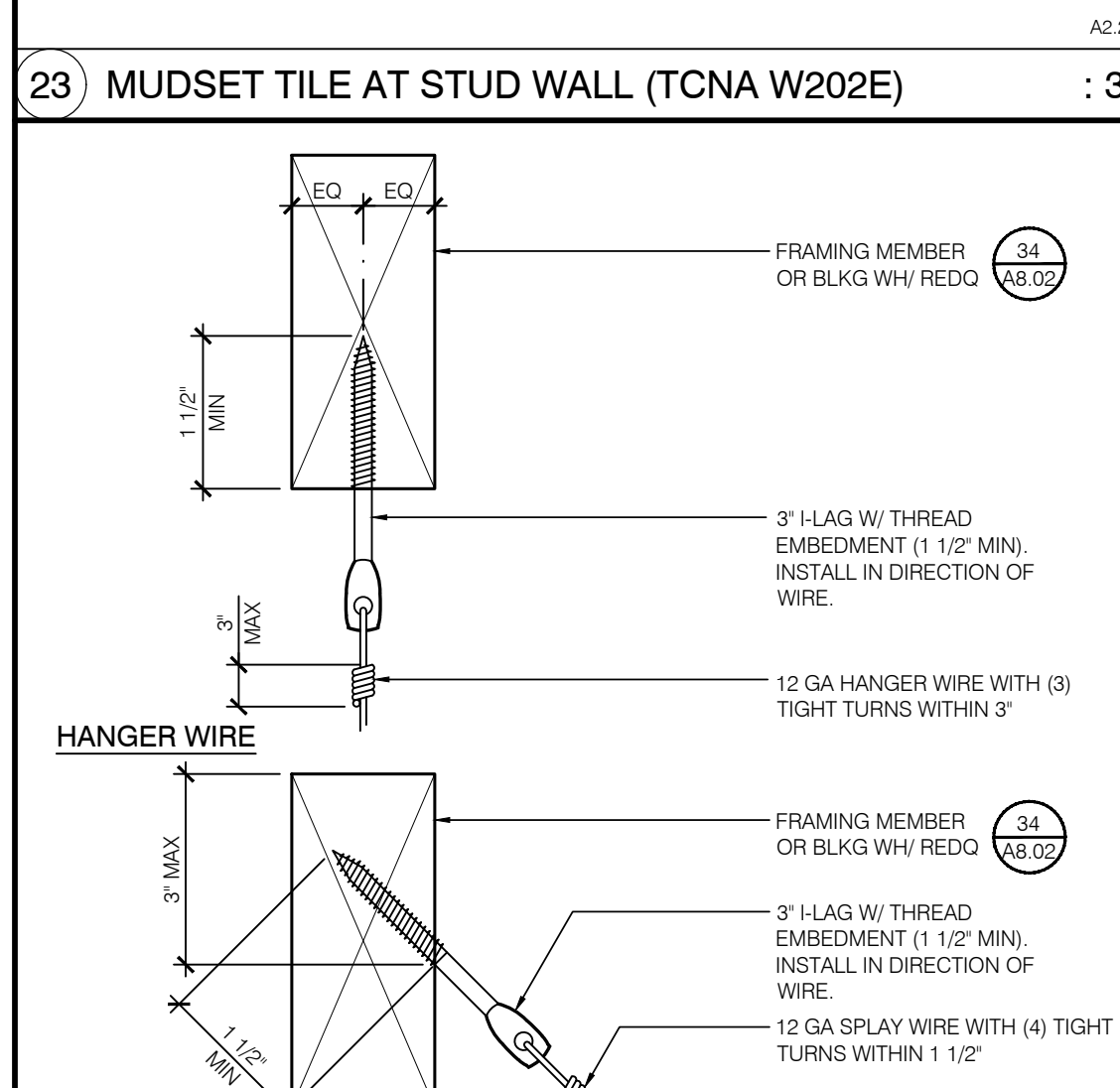
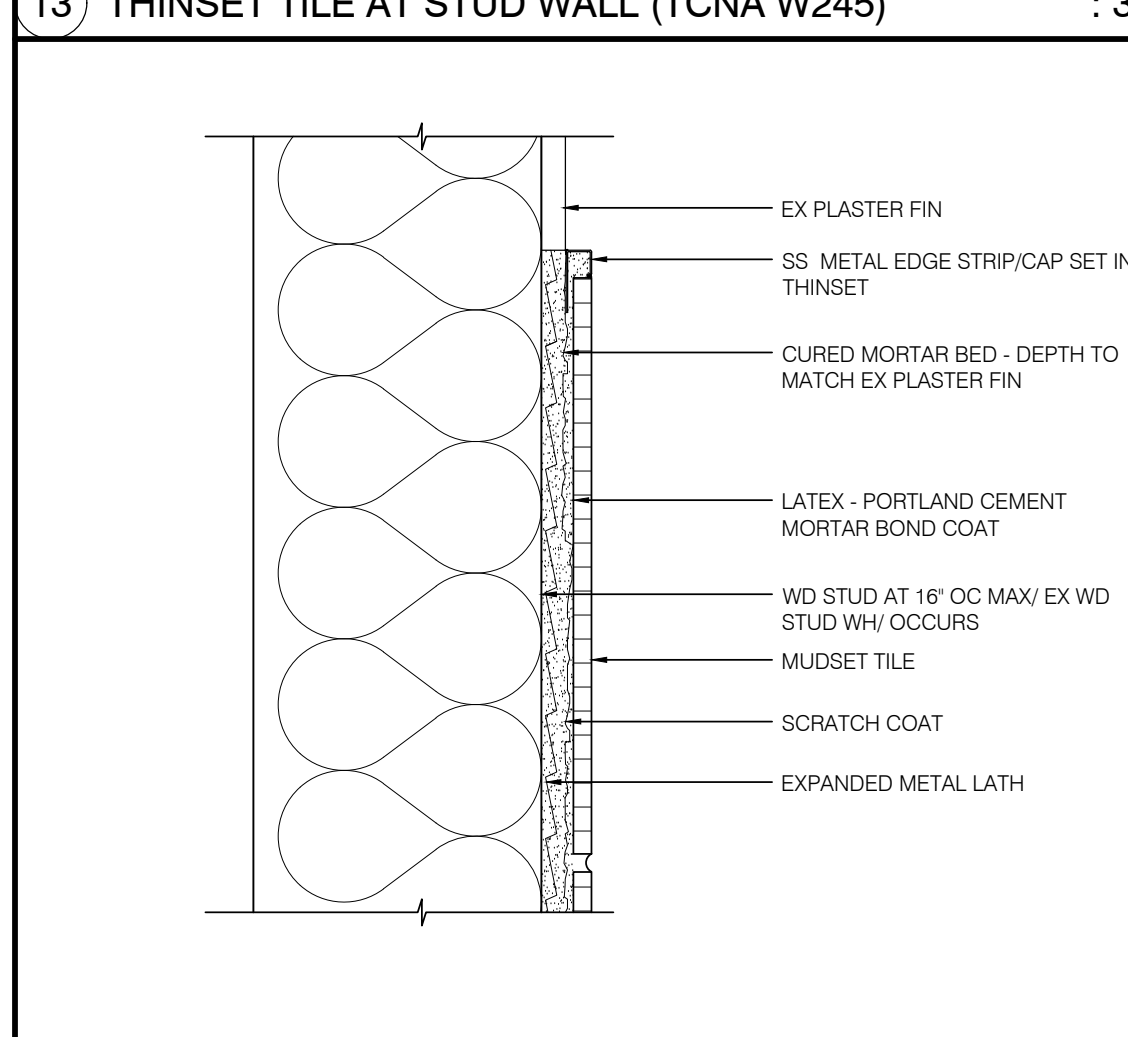
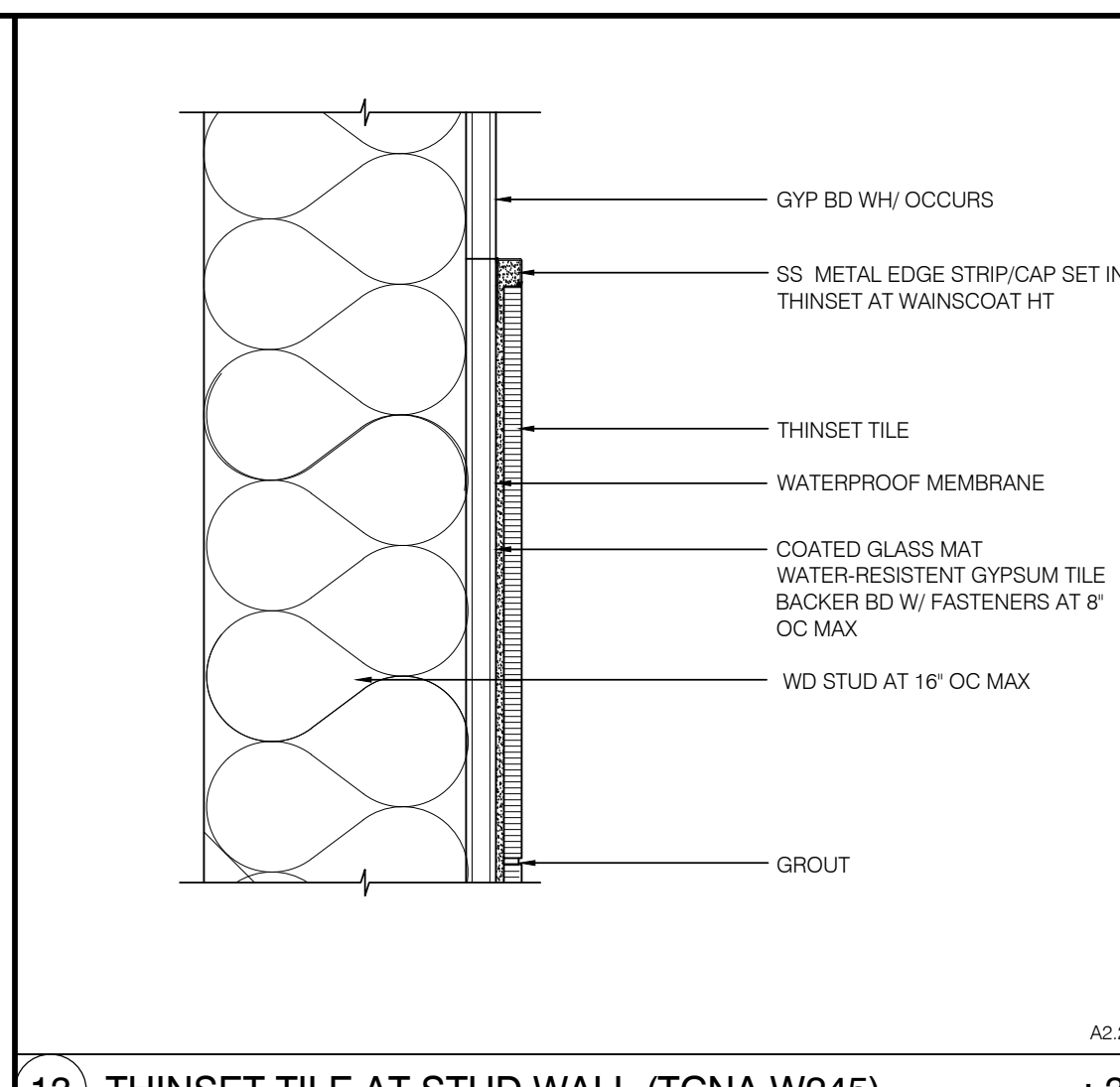
**4.07 WELDING SHALL BE IN ACCORDANCE WITH AWS D1.3 USING E60XX SERIES ELECTRODES.**

**5. TESTING**

**5.01 ALL FIELD TESTING MUST BE PERFORMED IN THE PRESENCE OF THE PROJECT INSPECTOR.**

**5.02 POST-INSTALLED ANCHORS IN CONCRETE USED TO SUPPORT HANGER WIRES SHALL BE TESTED AT A FREQUENCY OF 10 PERCENT. POWER ACTUATED FASTENERS IN CONCRETE SHALL BE FIELD TESTED FOR 200 POUNDS IN TENSION. ALL OTHER POST-INSTALLED ANCHORS IN CONCRETE SHALL BE TESTED IN ACCORDANCE WITH CBC SECTION 1910A.5.**

**5.03 POST-INSTALLED ANCHOR USED TO ATTACH BRACING WIRES SHALL BE TESTED AT A FREQUENCY OF 50 PERCENT IN ACCORDANCE WITH CBC SECTION 1910A.5.**



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**oip architects**

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**CAMPUS HVAC SYSTEM UPGRADE & SITE IMPROVEMENTS**

**Mt Vernon Elementary School**  
 2161 Potomac Ave, Bakersfield, CA 93307  
 Bakersfield City School District

**ARCHITECT**

**CONSULTANT**

**PROJECT INFO**

Project No: 566-0015  
 Date: 10.12.23  
 DSA File No: 15.4  
 DSA No: 03-122659

**REVISIONS**

No	Date	Item

**DETAILS**

**A8.02**

STRUCTURAL ABBREVIATIONS

Table of structural abbreviations including AB ANCHOR BOLT, BLDG BUILDING, COL COLUMN, CONC CONCRETE, and many others.

INSPECTION / TESTING

- 1. AN INDEPENDENT TESTING AGENCY AND SPECIAL INSPECTORS SHALL BE RETAINED BY THE OWNER TO PERFORM THE TESTS AND INSPECTION AS REQUIRED BY SECTION 1704A OF THE CALIFORNIA BUILDING CODE...

INSPECTION / TESTING LIST

Table with columns for item type (STRUCTURAL LUMBER, MISCELLANEOUS) and description (GENERAL FIELD ERECTION INSPECTION, MECHANICAL ANCHORS, ADHESIVE OR GROUTED ANCHORS AND DOWELS).

NOTES:
C: INDICATES CONTINUOUS INSPECTION
P: INDICATES PERIODIC INSPECTION

MECHANICAL ANCHORS

- 1. 'MECHANICAL ANCHORS' REFER TO POST-INSTALLED EXPANSION OR SCREW ANCHORS INTO CONCRETE.
2. WHEN A SPECIFIC MECHANICAL ANCHOR PRODUCT, DIAMETER, AND EMBEDMENT IS CALLED OUT ON THE PLANS/DETAILS...

Table for CONCRETE ANCHOR TYPE with columns for MANUFACTURER, EXPANSION, and SCREW, listing HILTI products like KB-T22 and KH-EZ.

GENERAL CONTINUED

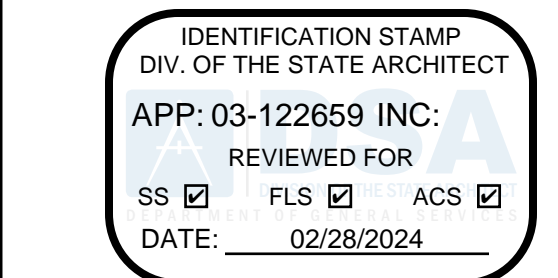
- 22. ALLOW SEVEN WORKING DAYS FOR PROCESSING SHOP DRAWINGS OTHER THAN STRUCTURAL STEEL & DESIGN-BUILD ITEMS AFTER RECEIPT BY THE STRUCTURAL ENGINEER...
23. THE LATERAL SYSTEM OF THE STRUCTURE IS DESIGNED WITH LATERAL RESTRAINT AT THE GROUND FLOOR...

LUMBER

- 1. UNLESS NOTED OTHERWISE, LUMBER SHALL BE DOUGLAS FIR-LARCH, GRADE MARKED, WITH A MAXIMUM MOISTURE CONTENT OF 19% AT THE TIME OF INSTALLATION.
2. UNLESS NOTED OTHERWISE ON THE DRAWINGS, LUMBER GRADES SHALL BE AS FOLLOWS:
A. HORIZONTAL FRAMING MEMBERS...

GENERAL

- 1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION. THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES.
2. INFORMATION SHOWN ON THE DRAWINGS RELATED TO EXISTING CONDITIONS REPRESENTS THE PRESENT KNOWLEDGE, BUT WITHOUT GUARANTEE OF ACCURACY...

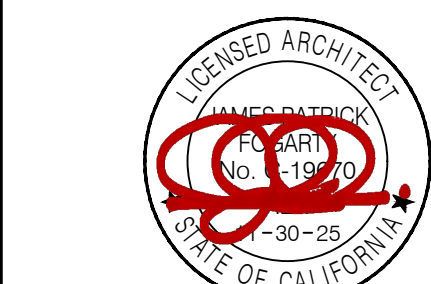


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web: www.aparchitects.net

CAMPUS HVAC SYSTEM UPGRADE

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Bakersfield City School District

ARCHITECT



JAMES PATRICK FOGARTY, AIA
ARCHITECT C-19670

CONSULTANT

MARTIN & ASSOCIATES
JOHN A. MARTIN & ASSOCIATES
Structural Engineers
2950 S. Grand Avenue
Los Angeles, Calif. 90015
Phone: (213) 483-4490
www.johnmartin.com
J22063



DATE SIGNED:
NOVEMBER 29, 2023

PROJECT INFO

Table with Project No (566-0015), Date (11.29.23), DSA File No (15-6), and DSA No (03-122659).

REVISIONS

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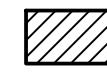

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GENERAL NOTES

S0.01

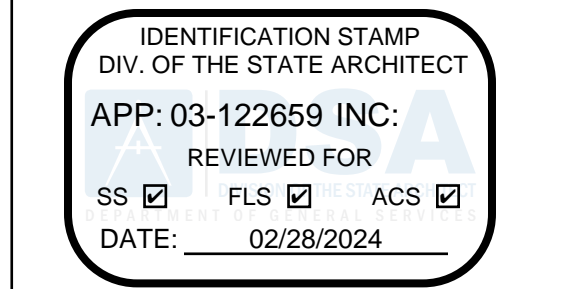


ROOF FRAMING NOTES:

- REFER TO GENERAL NOTES ON SHEETS S0.01.
- REFER TO AND CHECK WITH ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
- REFER TO AND CHECK WITH MECHANICAL DRAWING FOR DUCT OPENINGS, EQUIPMENT SIZE AND LOCATION, ETC. LOCATE SUPPORTING MEMBERS ACCORDINGLY.
-  HATCHED AREA INDICATES MECH UNIT SEE MECHANICAL DRAWINGS FOR EXACT LOCATION.
- REFER TO 4/3.01 FOR EXISTING OPENING INFILL. COORDINATE WITH ARCHITECTURAL DRAWINGS.
-  INDICATES MECHANICAL UNIT. SEE SCHEDULE ON THIS SHEET FOR EQUIPMENT WEIGHTS, COORDINATE WITH MEP DRAWINGS, TYPICAL.

ROOF EQUIPMENT WEIGHT SCHEDULE

UNIT MARK	MAX OPER WT (LBS)
HP-1	950
EF-1	37
EF-3	22
EF-4	12

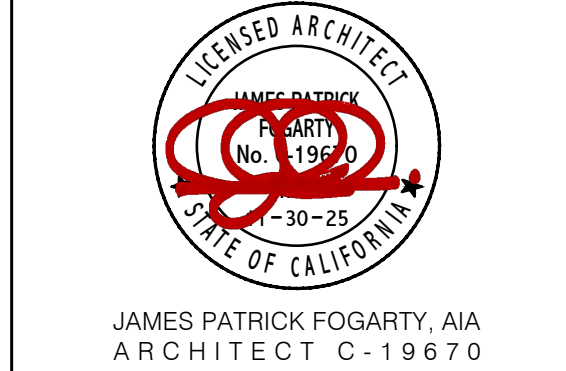


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PROJECT INFO

Project No	566-0015
Date	11.29.23
DSA File No	15-6
DSA No	03-122659

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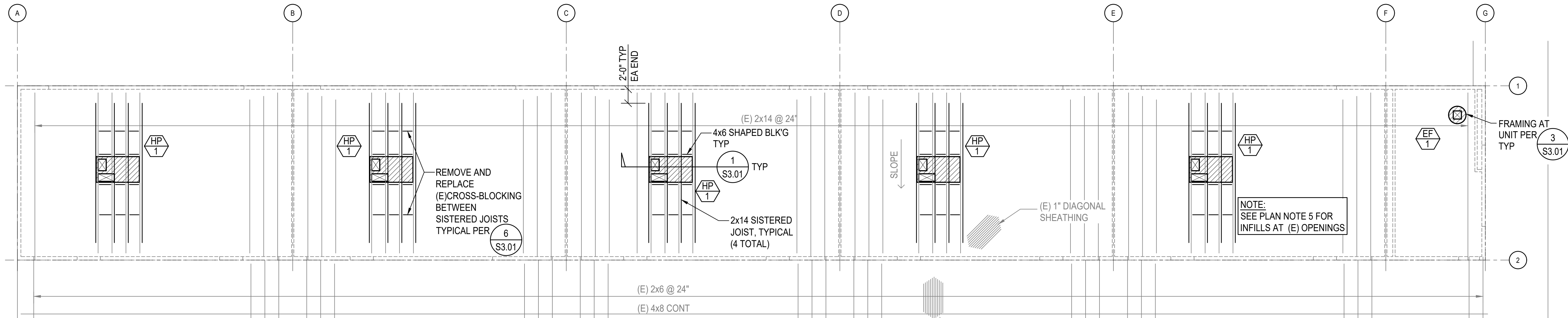
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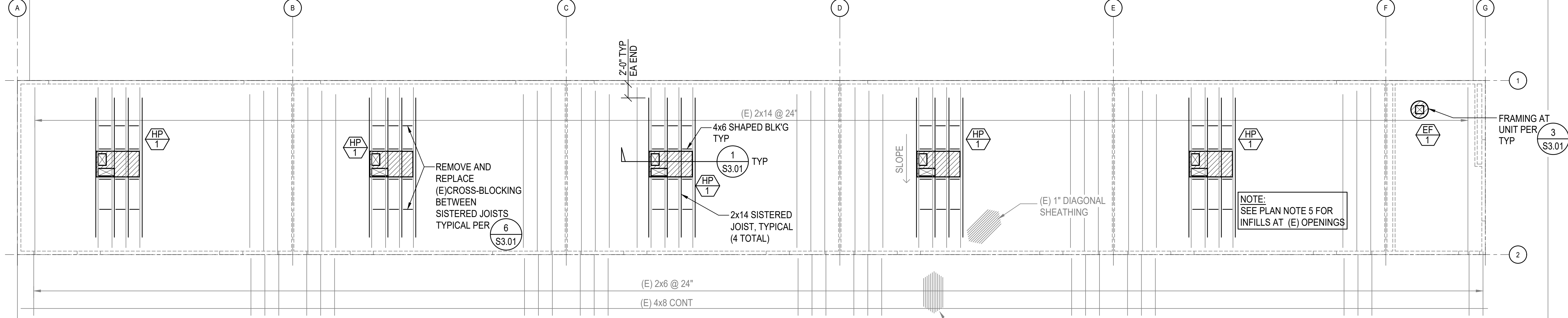
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ROOF FRAMING PLANS

S2.00



ROOF FRAMING PLAN - BUILDING B  
1/8" = 1'-0"



ROOF FRAMING PLAN - BUILDING C  
1/8" = 1'-0"

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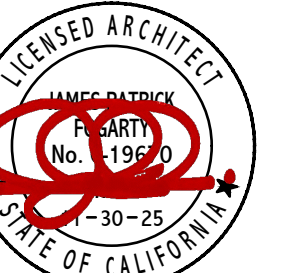
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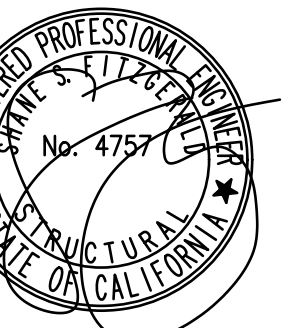
ARCHITECT



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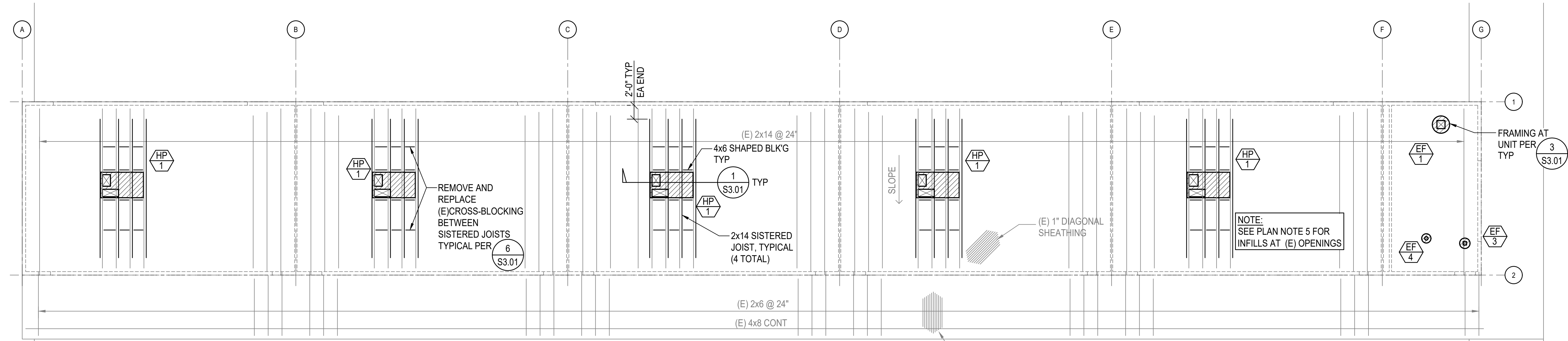
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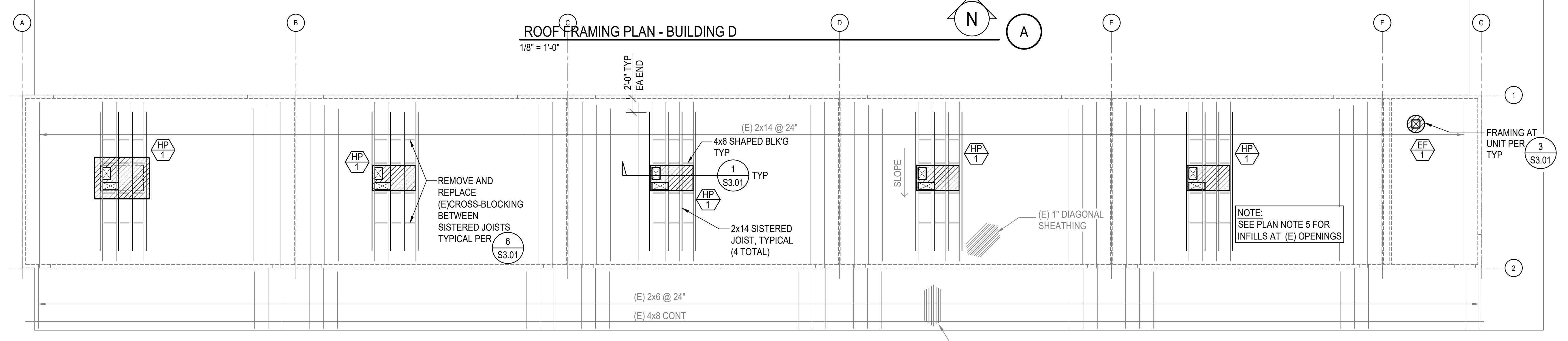
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ROOF FRAMING PLANS

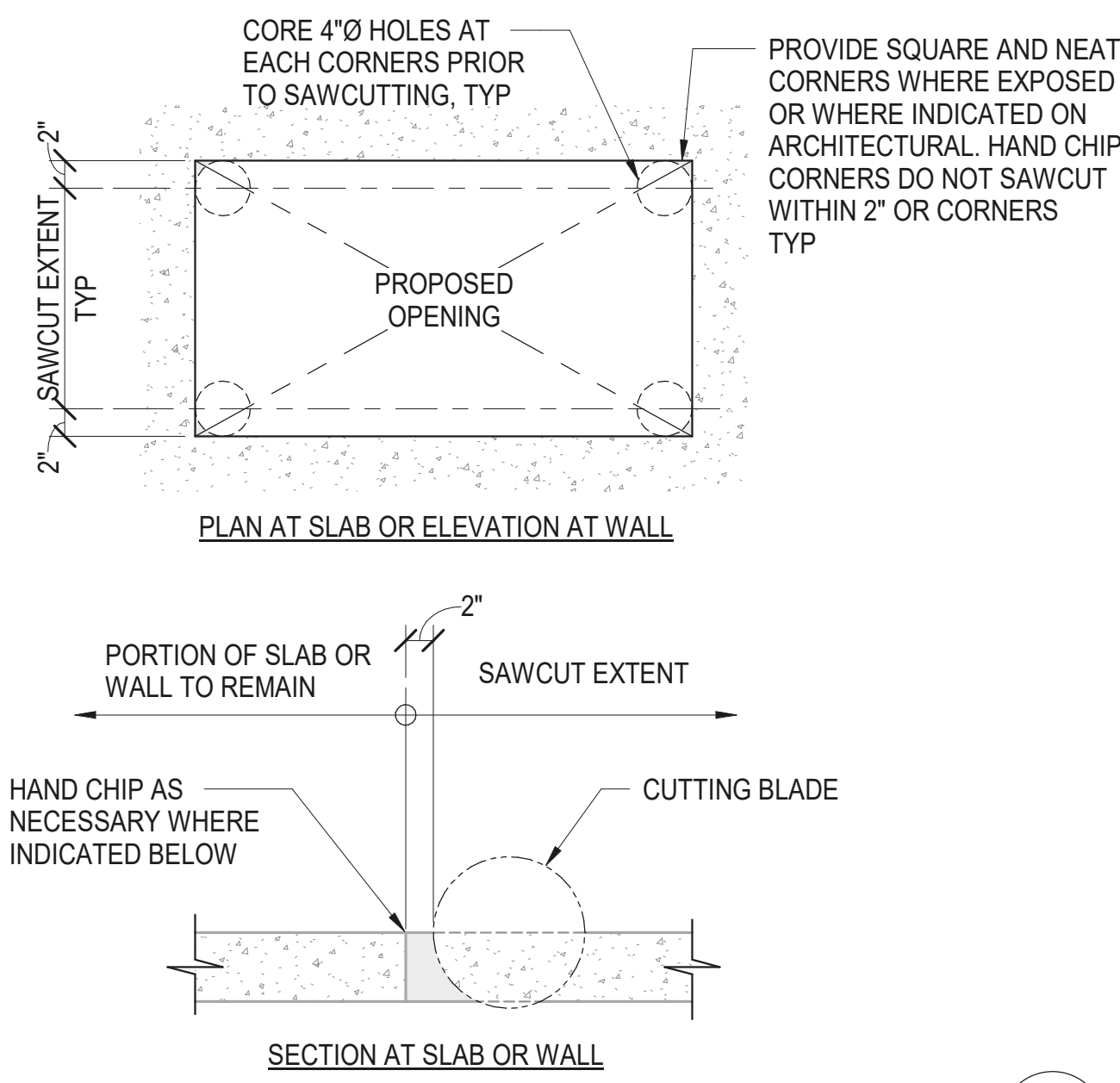
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**ROOF FRAMING PLAN - BUILDING D**  
 1/8" = 1'-0"

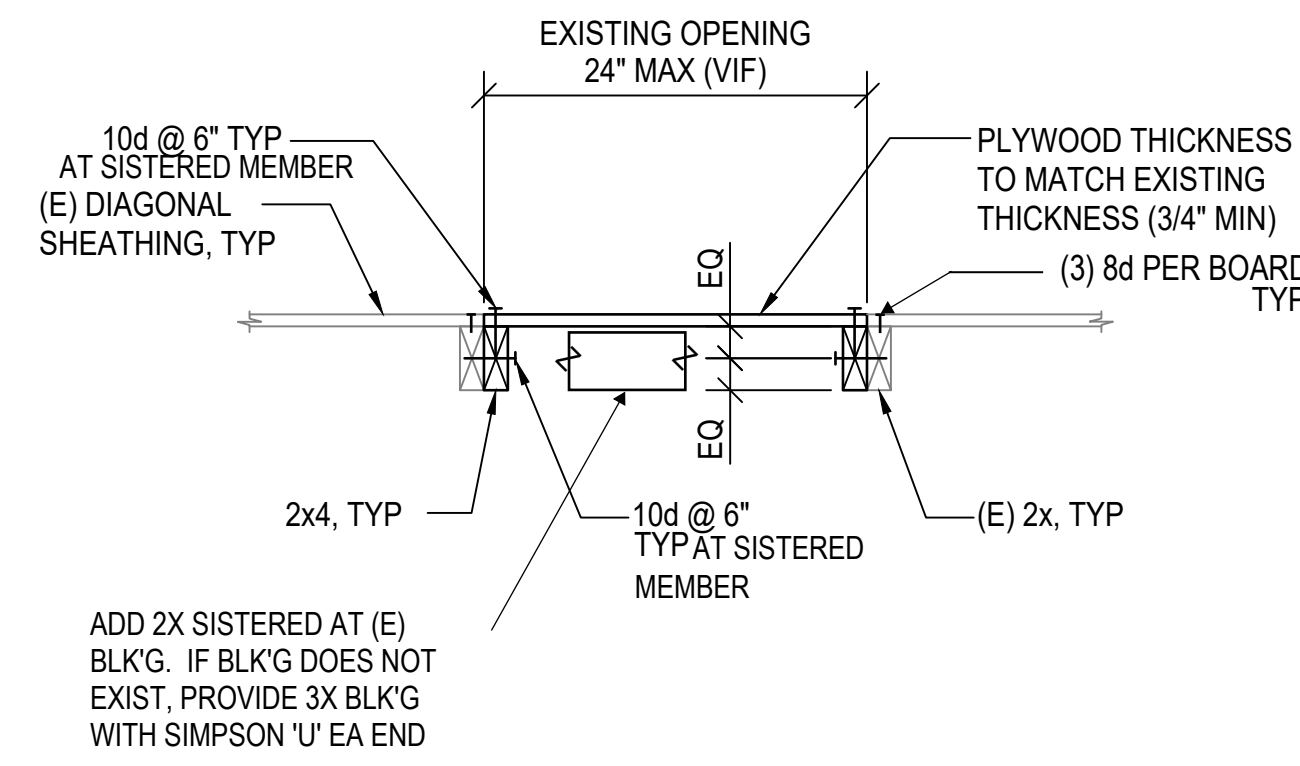


**ROOF FRAMING PLAN - BUILDING E**  
 1/8" = 1'-0"



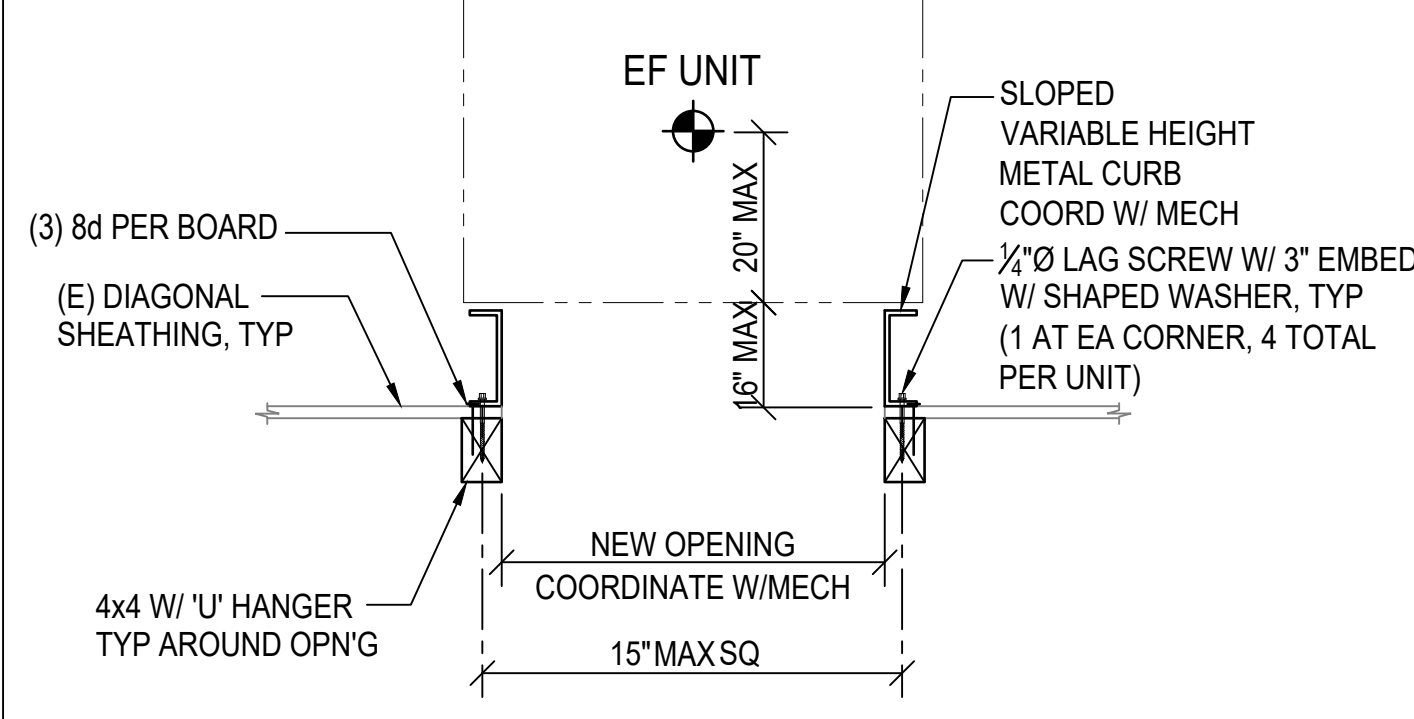
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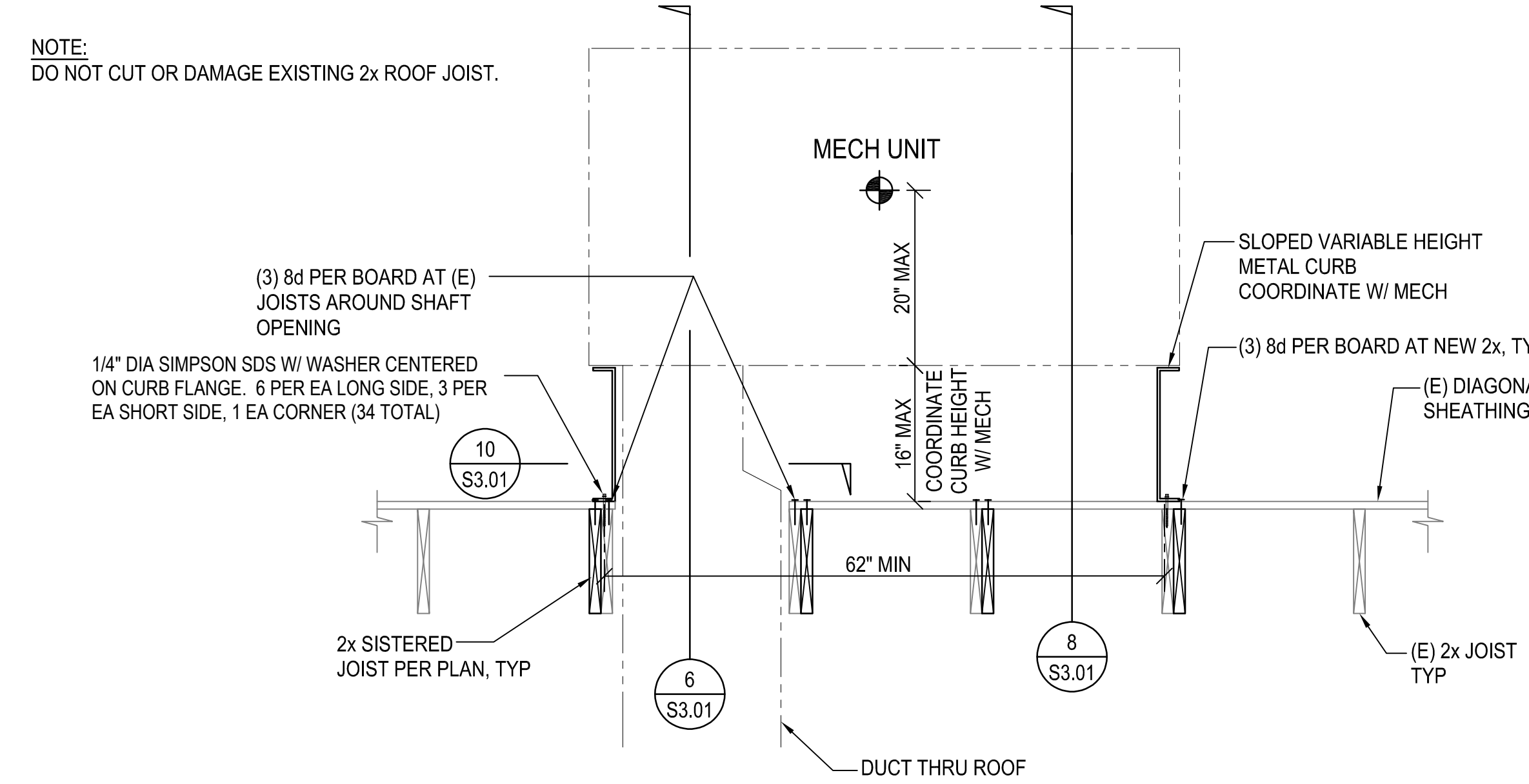
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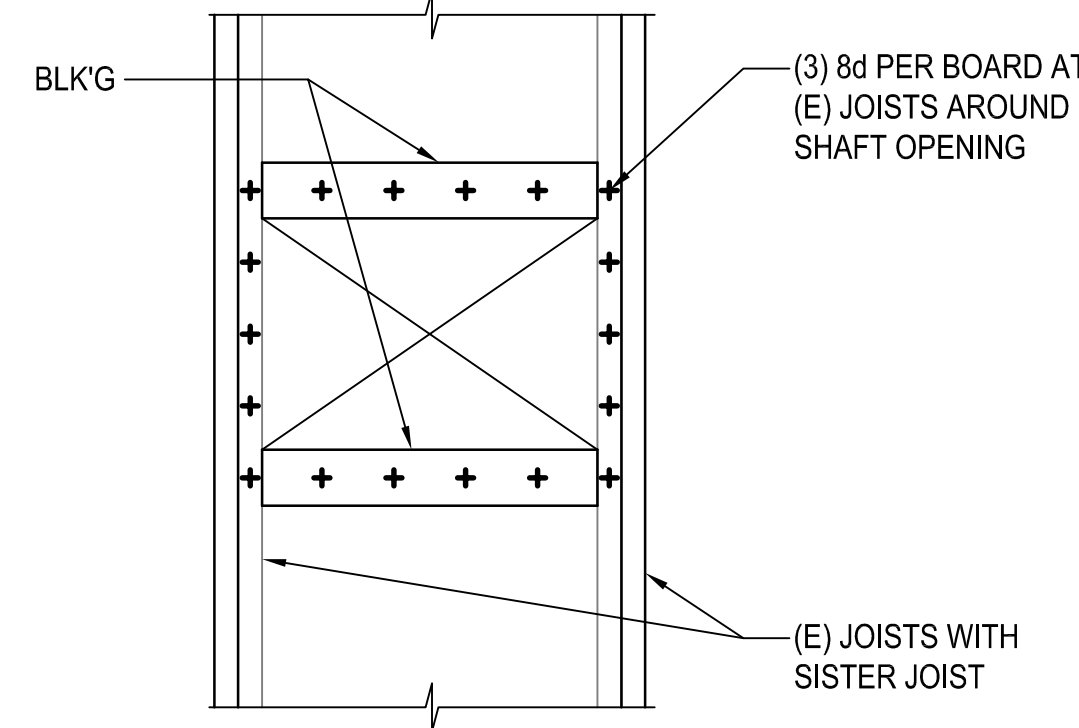
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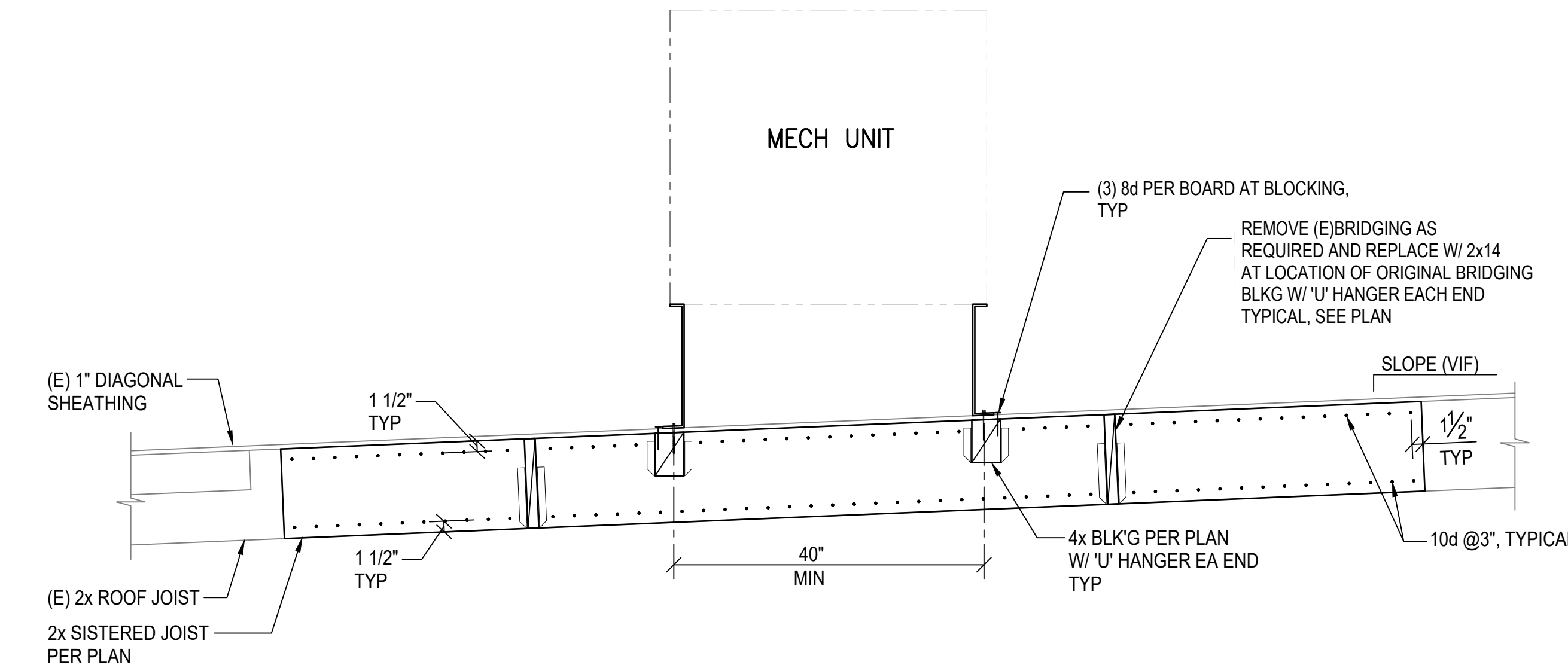
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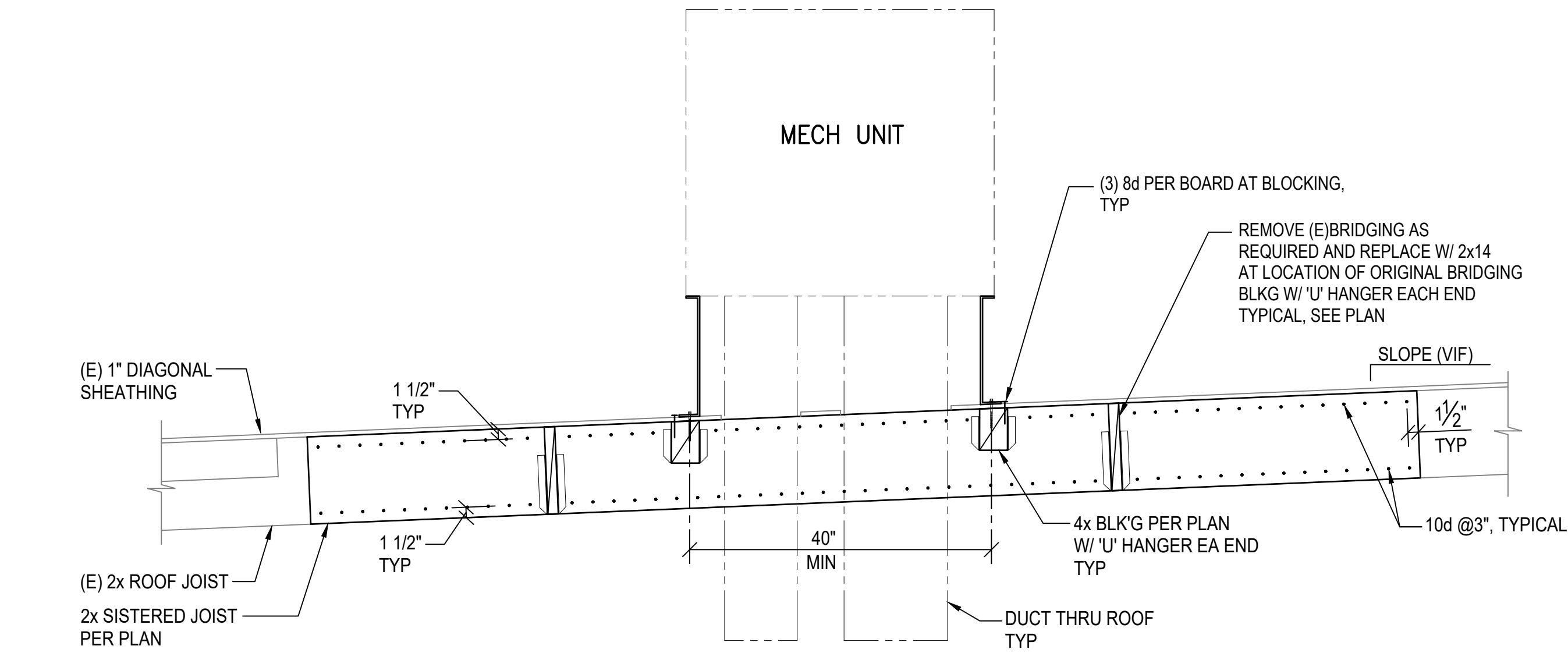
PLAN-DETAIL

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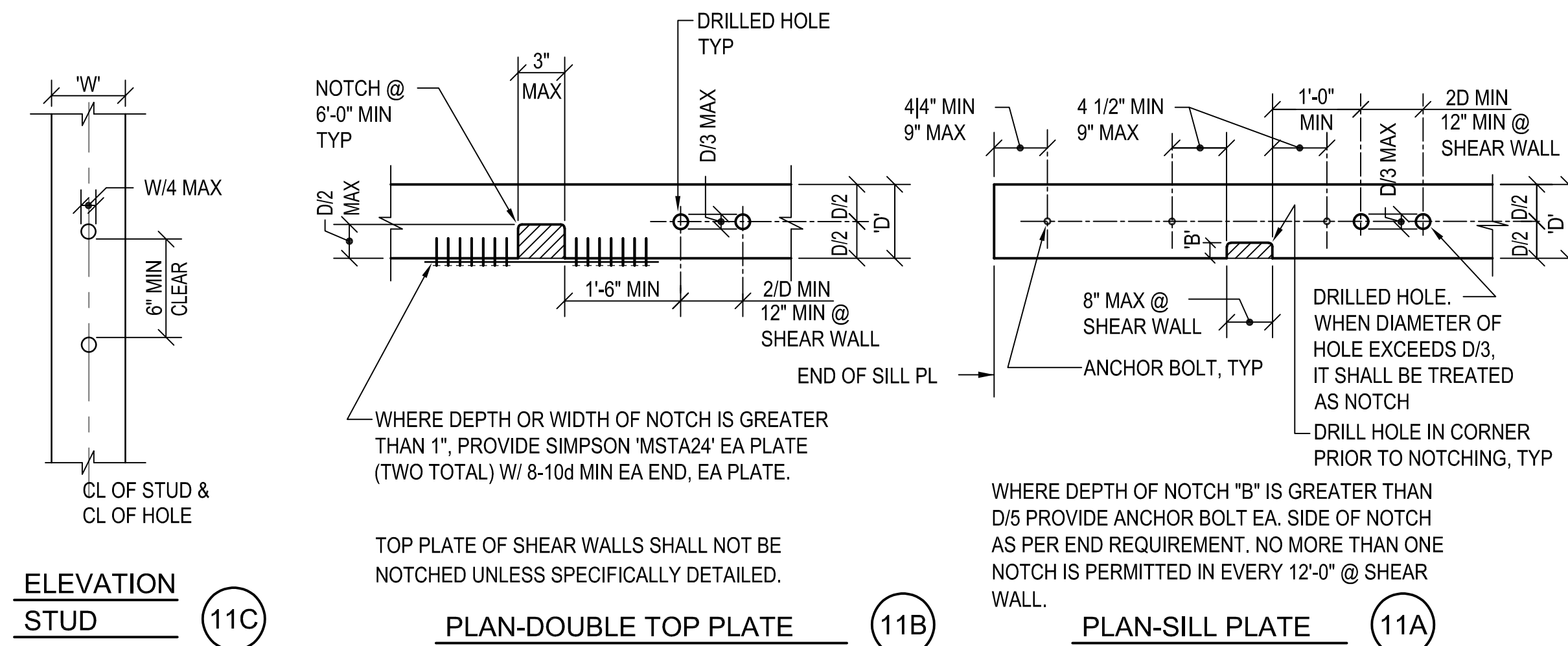
SECTION

8



SECTION

6



HOLES & NOTCHING IN PLATES & STUDS

11

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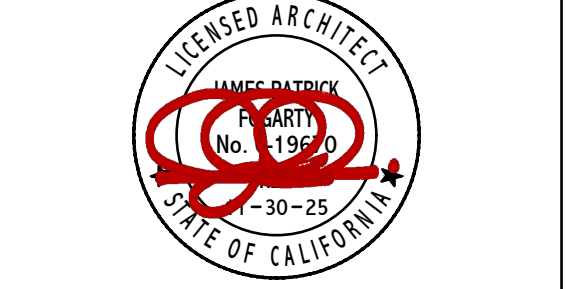
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REVISIONS

No	Date	Item

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SECTIONS AND DETAILS

**S3.01**













**CAMPUS HVAC  
 SYSTEM UPGRADE  
 &  
 SITE IMPROVEMENTS**

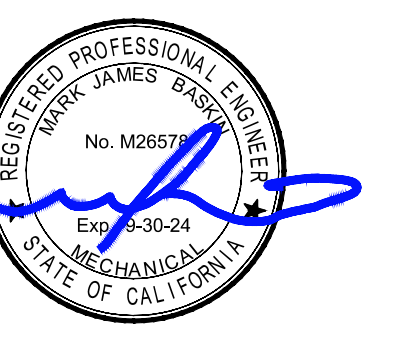
**Mt Vernon  
 Elementary School**  
 2161 Pomona Ave. Bakersfield, CA 93307  
 Bakersfield City School District

ARCHITECT



JAMES PATRICK FOGARTY, AIA  
 ARCHITECT G-19870

CONSULTANT



**PROJECT INFO**

Project No	566-0015
Date	10.12.23
DSA File No	15-4
DSA No	03-122659

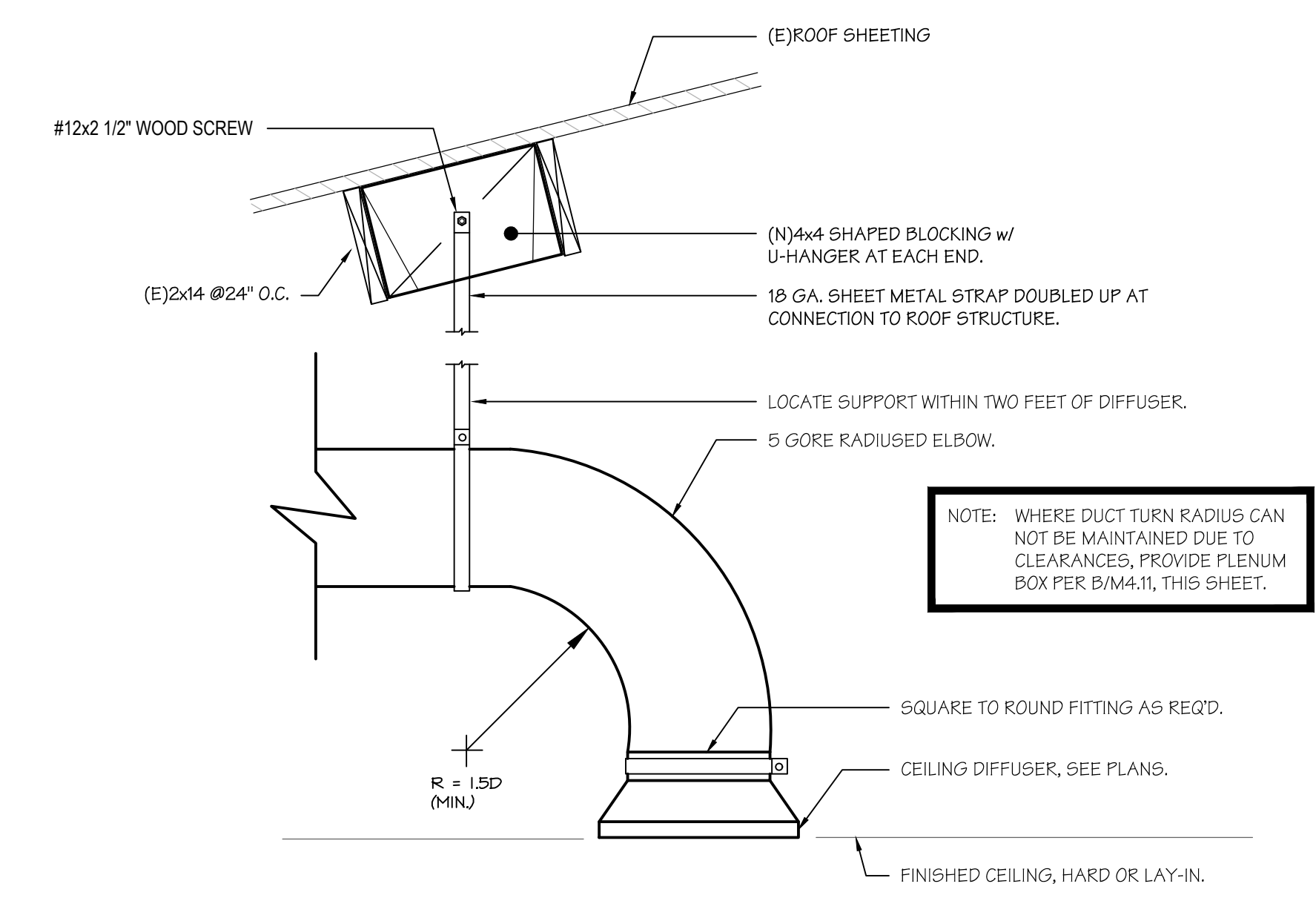
**REVISIONS**

No	Date	Item

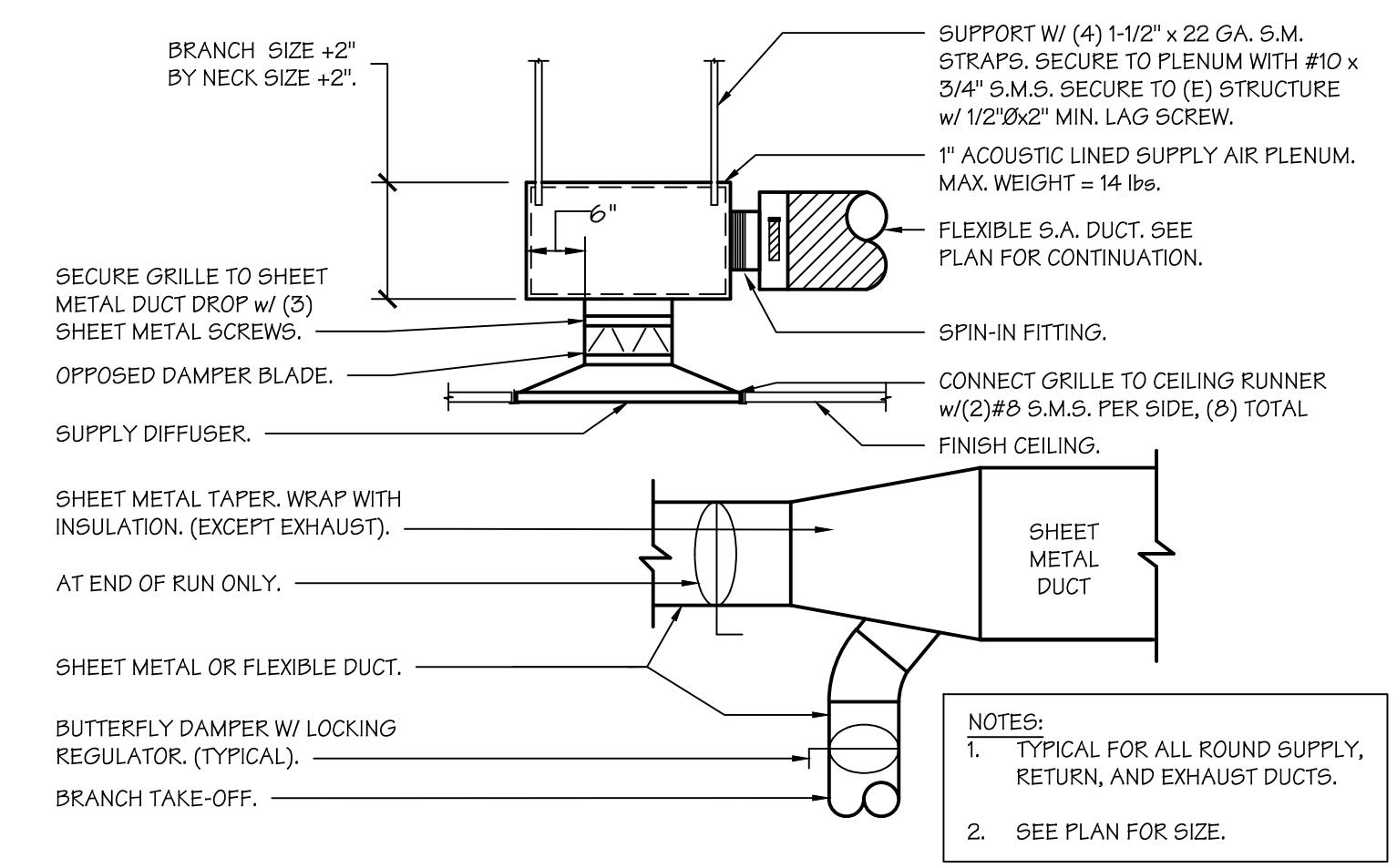
THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF THE ADDINGTON PARTNERSHIP. ALL DESIGNS AND DRAWINGS ARE FOR THE USE ON THE SPECIFIED PROJECT AND SHALL NOT BE USED OTHERWISE WITHOUT THE EXPRESSED WRITTEN PERMISSION OF THE ADDINGTON PARTNERSHIP. WRITTEN SHALL HAVE PRECEDENCE OVER SCALED 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.  
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MECHANICAL DETAILS

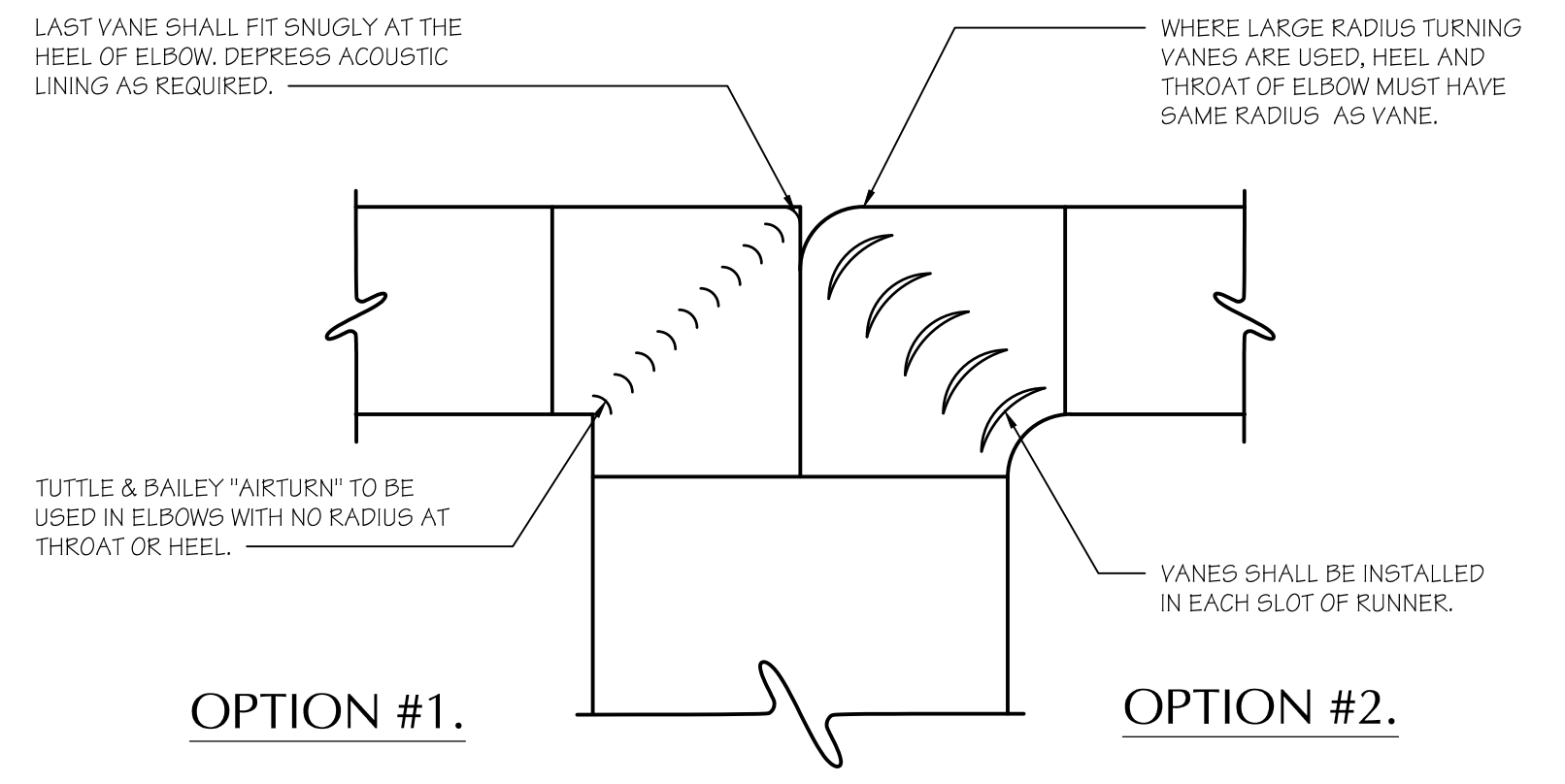
**M4.11**



**CEILING DIFFUSER/REGISTER CONNECTION**  
 SCALE: N.T.S.

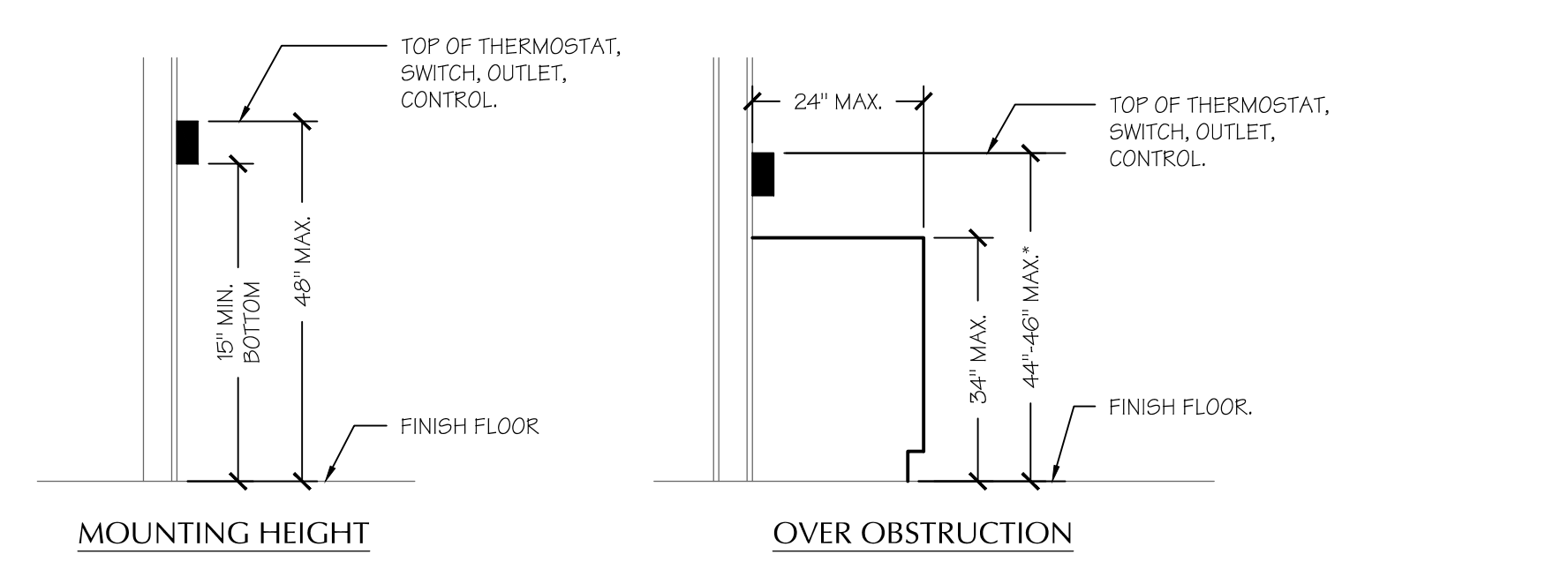


**SUPPLY AIR PLENUM & BRANCH TAKE-OFFS**  
 SCALE: N.T.S.



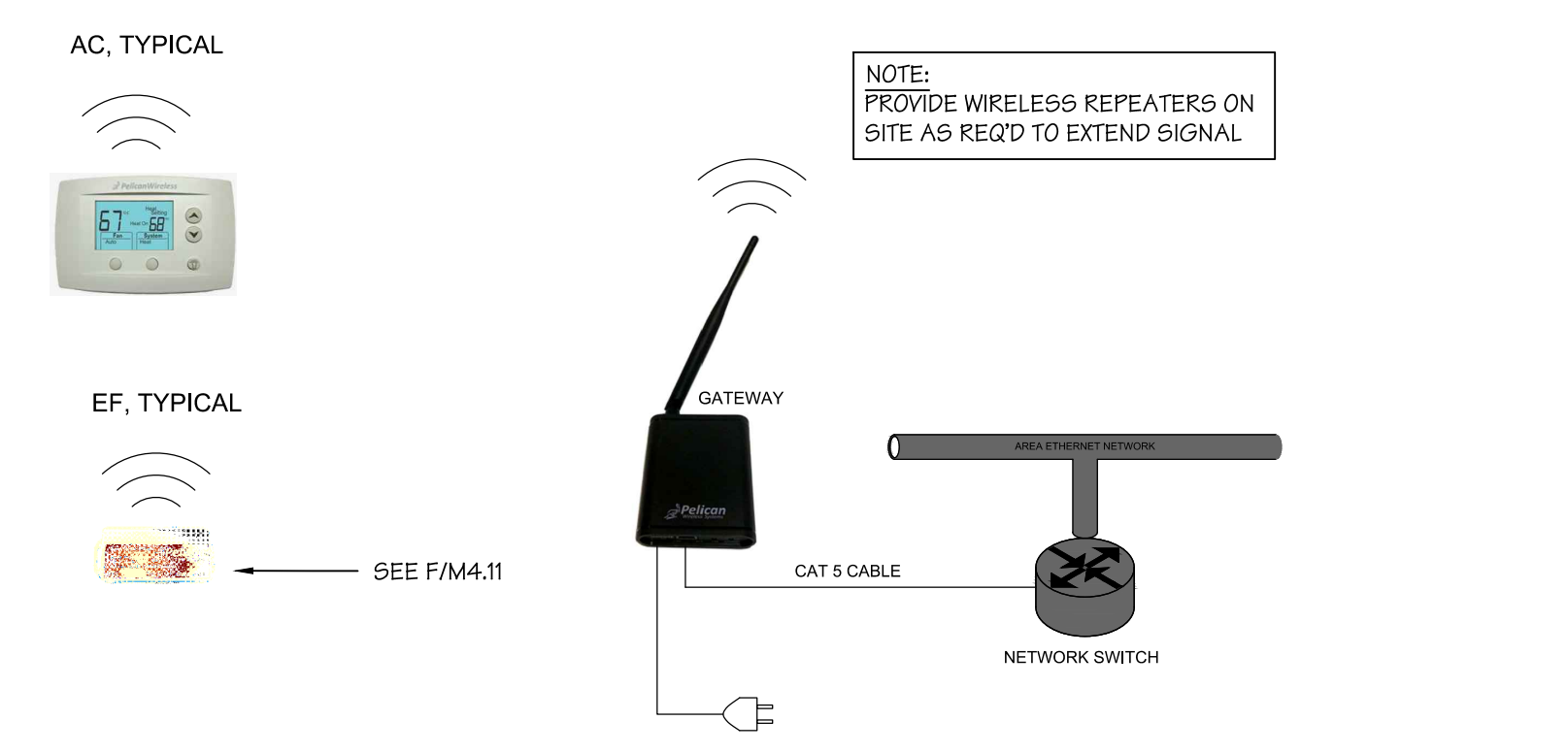
**NINETY DEGREE ELBOW**  
 SCALE: N.T.S.

**NOTE:**  
 1. TYPICAL FOR ALL RECTANGULAR SUPPLY AND RETURN DUCTS.  
 2. REFER TO 50M4.11 FIG. 2-1 & 2-2, TYPICAL.



**THERMOSTAT MOUNTING LOCATION**  
 SCALE: N.T.S.

\* 44" MAX. FOR WHEEL CHAIR FORWARD APPROACH AND 48" MAX. FOR SIDE APPROACH PER DGC FIGURE 119-309.3.2 & 119-309.3.3.

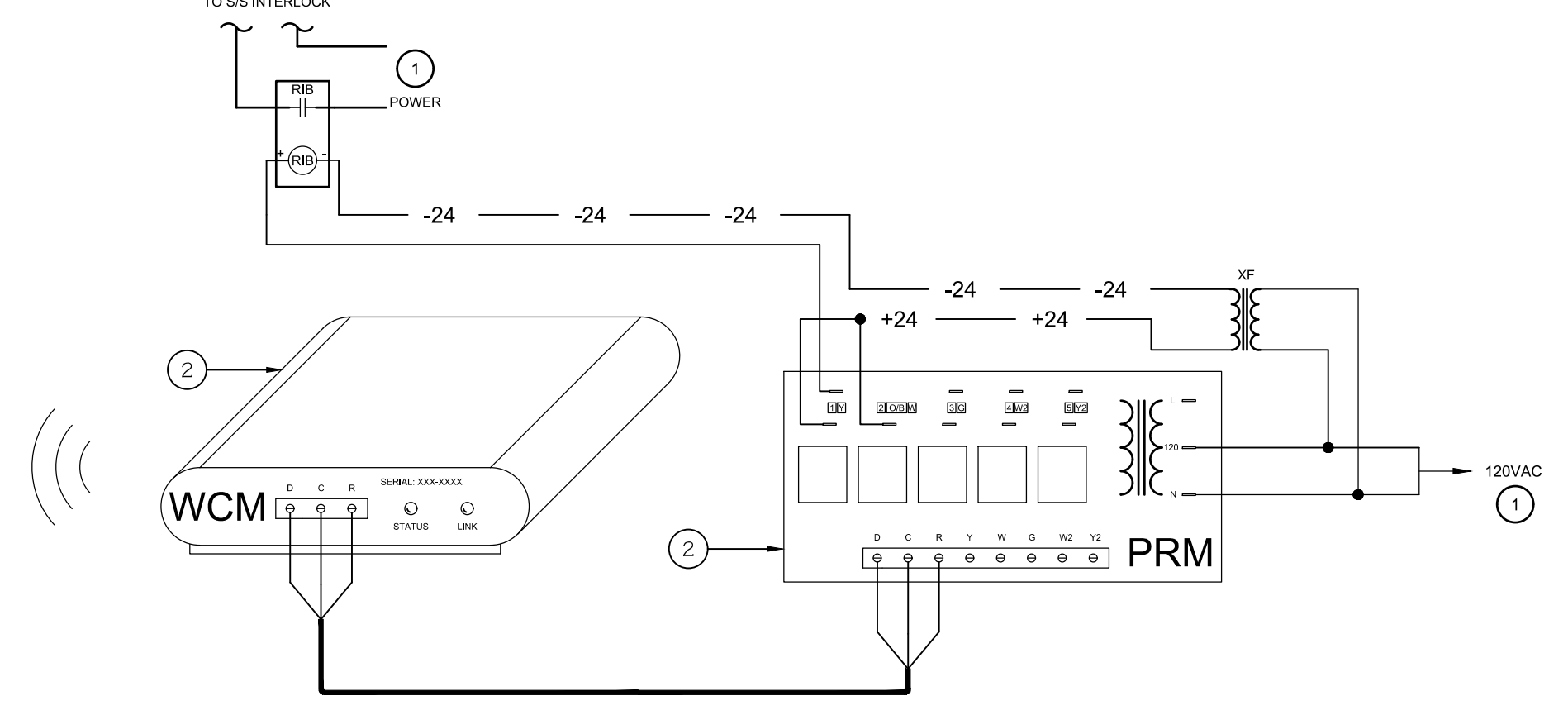


**LAN ARCHITECTURE**  
 SCALE: N.T.S.

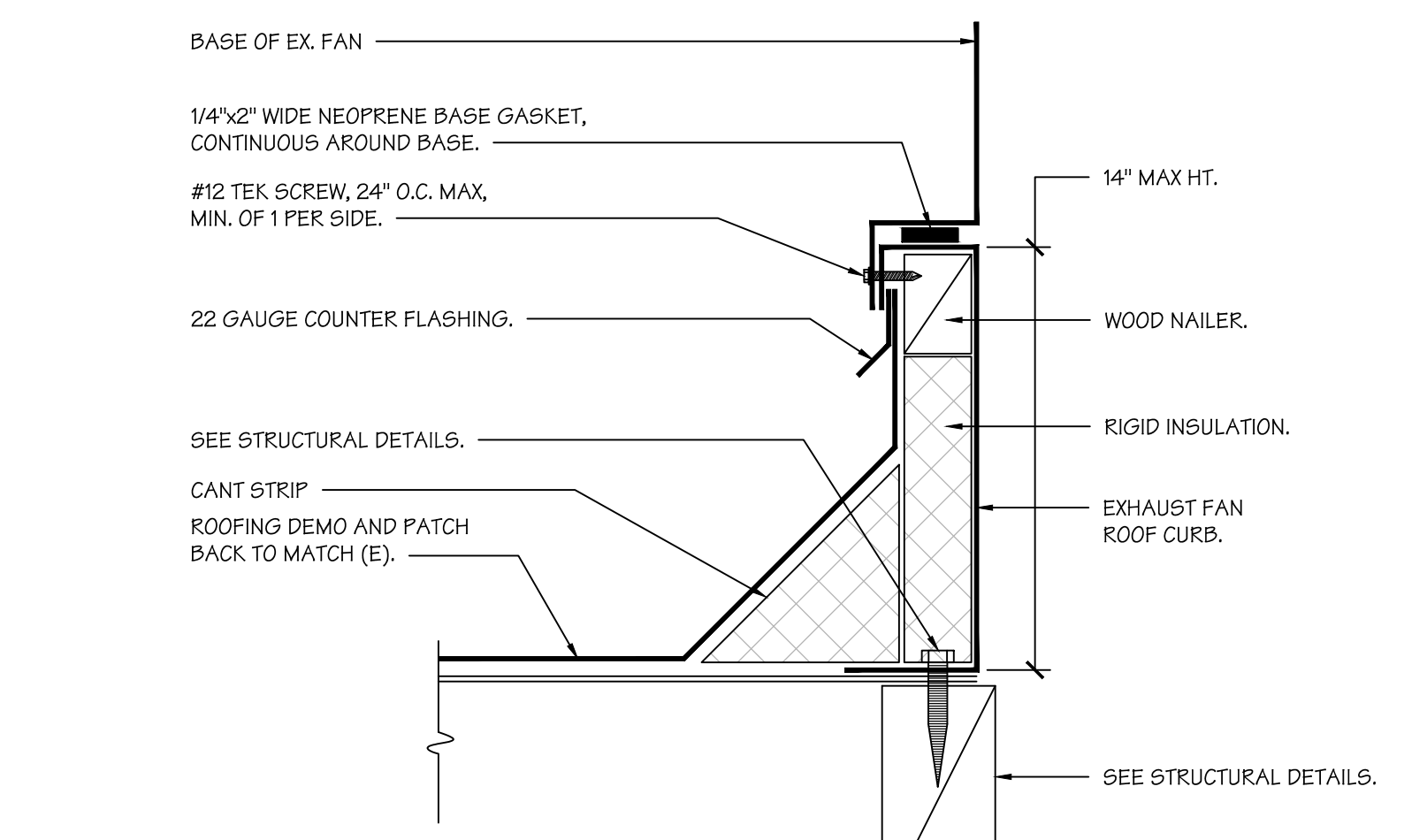
**Sheet Notes**

- LINE VOLTAGE & CONDUIT BY DIVISION 16. ELEC. CONTRACTOR
- INSTALL IN ATM ROOM ADJACENT TO WIRELESS GATEWAY

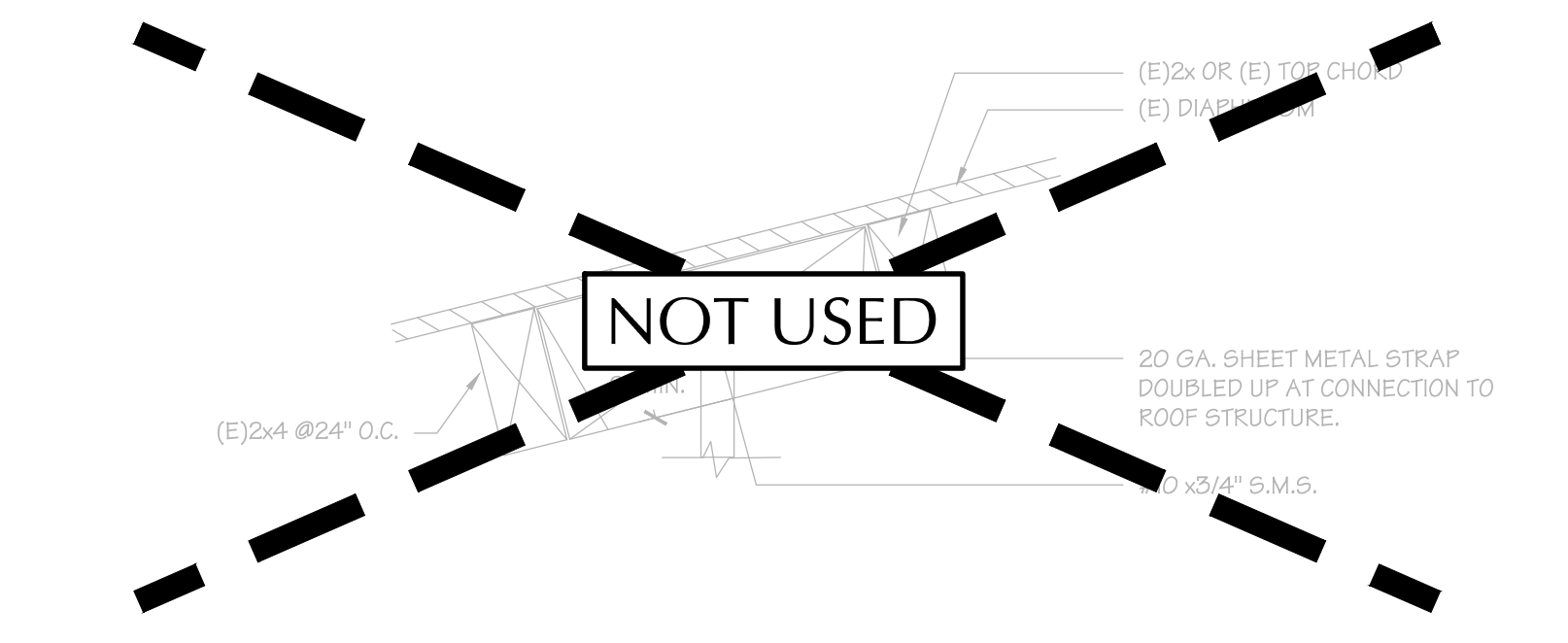
TAG	QTY	PART NUMBER	DESCRIPTION
WCM+PRM	1	PEL PMS	WIRELESS RELAY MODULE KIT
RIB	2	FUN RUBU1C	RELAY IN A BOX
XF	1	LEC 16550	50VA 24VAC TRANSFORMER



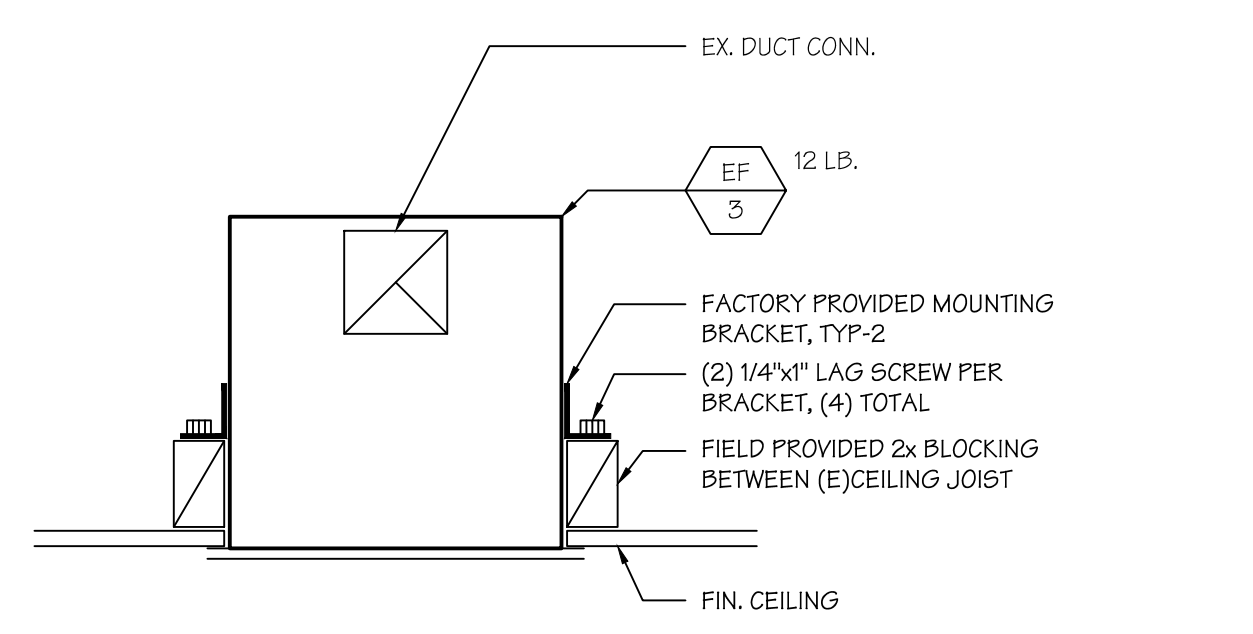
**EX. FAN CONTROL DETAIL**  
 SCALE: N.T.S.



**EXHAUST FAN ANCHORAGE**  
 SCALE: N.T.S.



**DUCT HANGER UPPER ATTACHMENT**  
 SCALE: N.T.S.



**CEILING EX FAN**  
 SCALE: N.T.S.

**CAMPUS HVAC  
 SYSTEM UPGRADE  
 &  
 SITE IMPROVEMENTS**

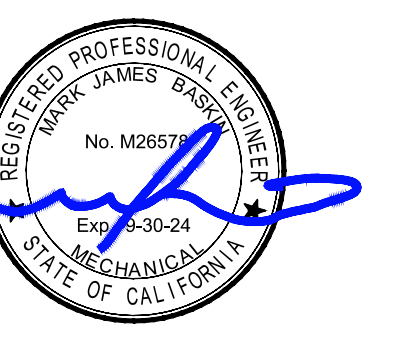
**Mt Vernon  
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 2161 Pomona Ave. Bakersfield, CA 93307  
 Bakersfield City School District

ARCHITECT



JAMES PATRICK FOGARTY, AIA  
 ARCHITECT C-116670

CONSULTANT



**PROJECT INFO**

Project No	566-0015
Date	10.12.23
DSA File No	15-4
DSA No	03-122659

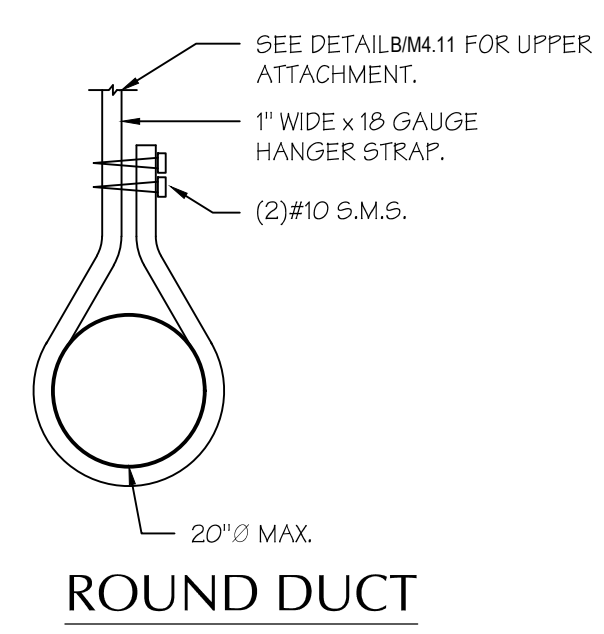
**REVISIONS**

No	Date	Item

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DUCT BRACING  
 DETAILS

**M4.12**

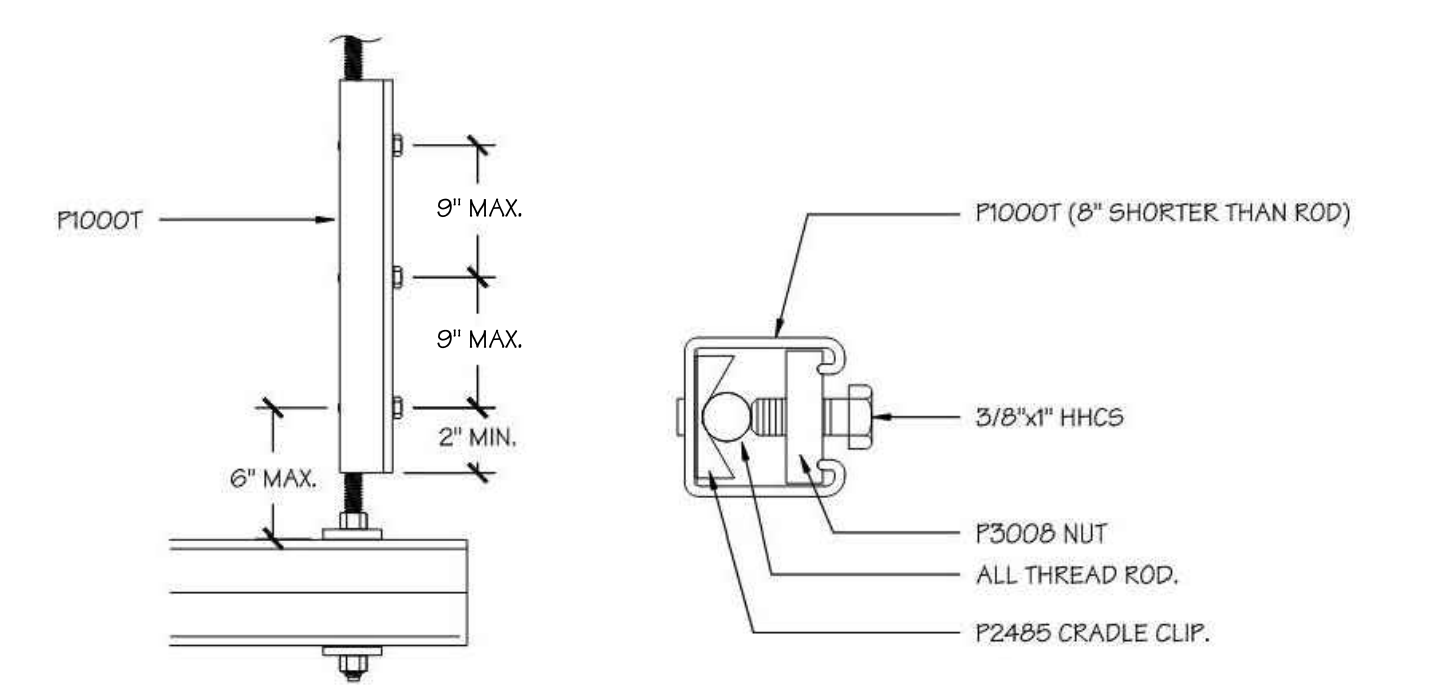


**ROUND DUCT HANGERS**

CONSTRUCTION	DIA.	GA.	WEIGHT lb./ft.			MAX SPACING
			DUCT	1" INS.	TOTAL	
SPIRAL	20"	26	4.74	3.92	8.66	12 ft.
SPIRAL	18"	26	4.26	3.53	7.79	12 ft.
SPIRAL	16"	26	3.79	3.13	6.92	12 ft.
SPIRAL	14"	28	2.29	2.75	5.04	12 ft.
SPIRAL	12"	28	1.96	2.36	4.32	12 ft.
SPIRAL	10"	28	1.64	1.96	3.60	12 ft.
SPIRAL	9"	28	1.47	1.76	3.23	12 ft.
SNAP LOCK	8"	28	1.30	1.57	2.87	12 ft.
SNAP LOCK	6"	28	0.98	1.18	2.16	12 ft.

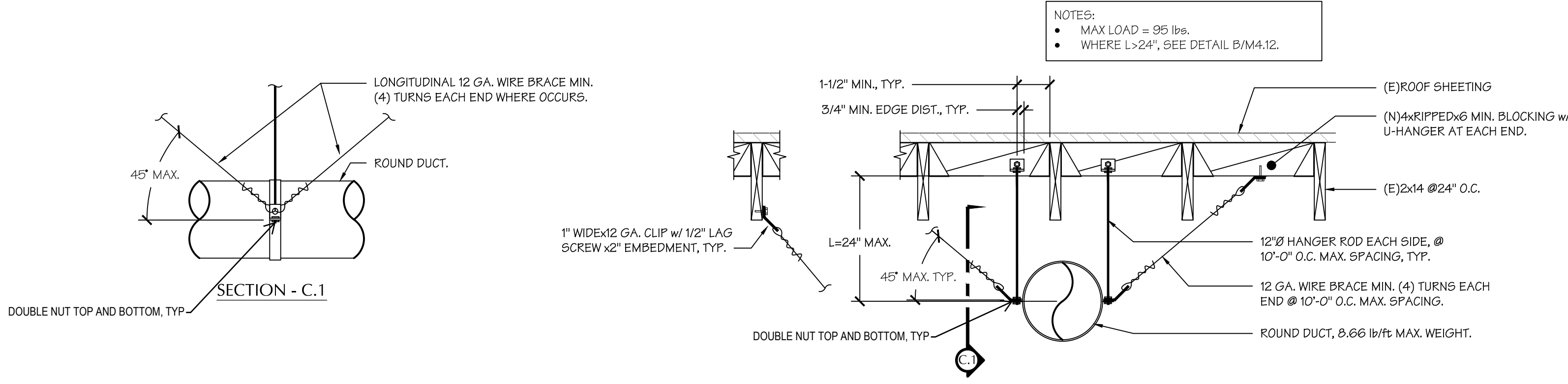
**ROUND DUCT HANGER  
 WITHOUT BRACING**

SCALE: N.T.S.



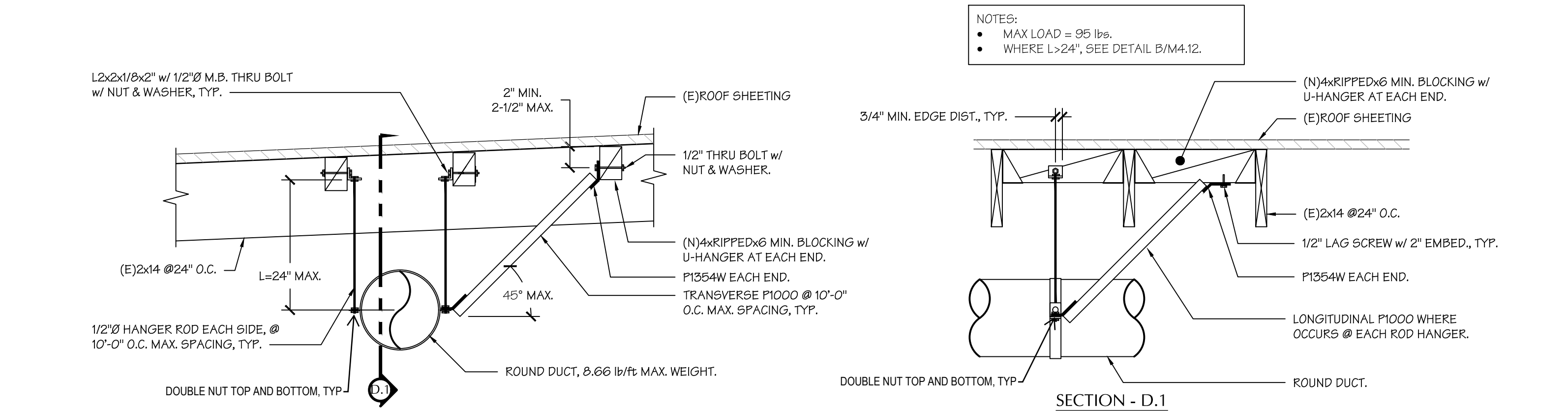
**HANGER ROD REINFORCEMENT**

SCALE: N.T.S.



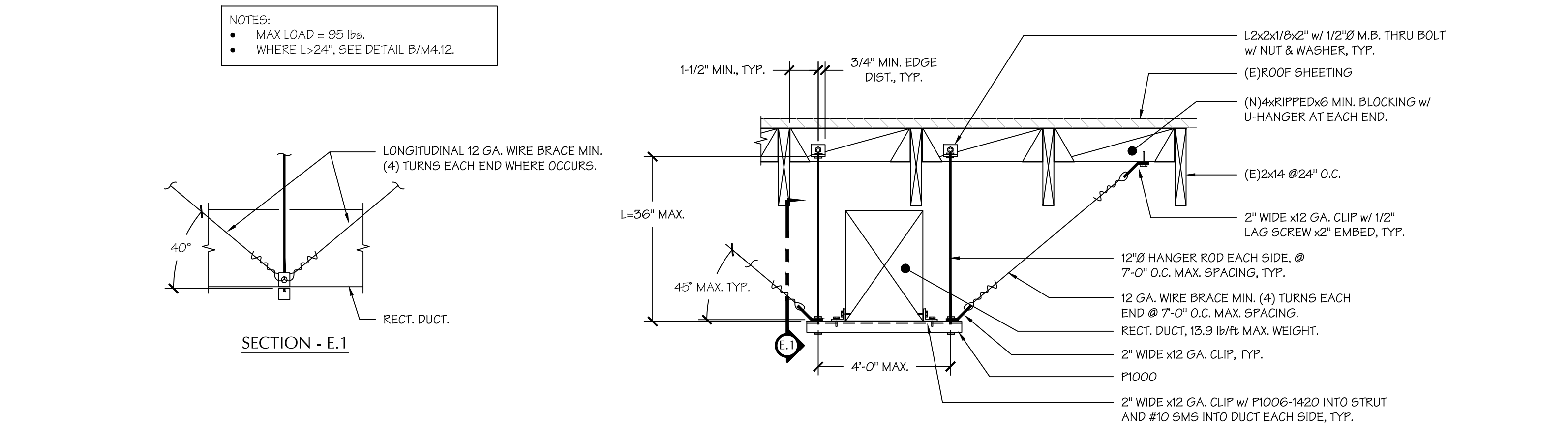
**STANDARD HANGERS & BRACING FOR ROUND DUCTS**  
 (NOT APPLICABLE AT PERIMETER CONDITIONS)

SCALE: N.T.S.



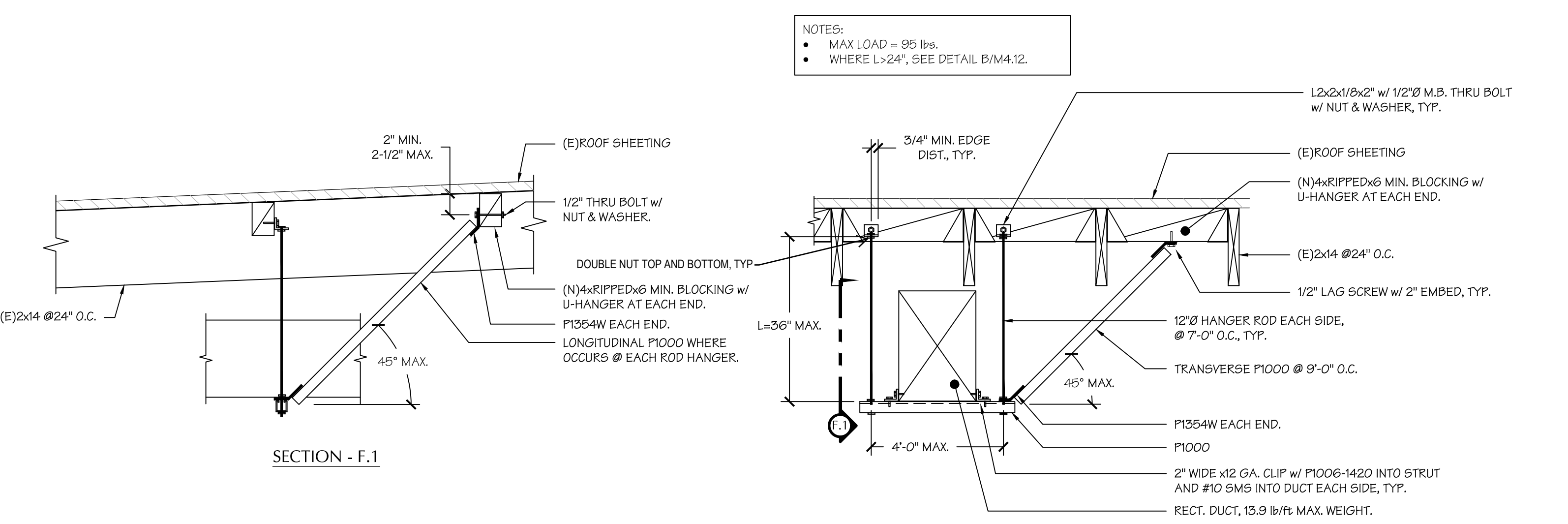
**ALTERNATIVE HANGERS & BRACING FOR ROUND DUCTS**

SCALE: N.T.S.



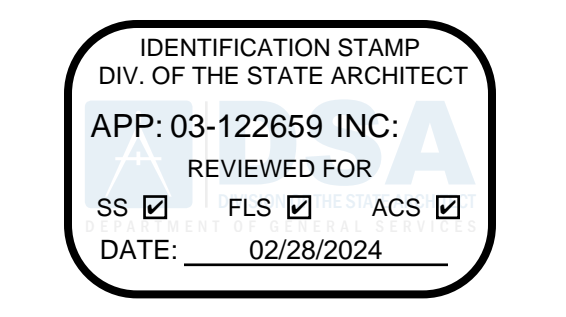
**STANDARD HANGERS & BRACING FOR RECT. DUCTS**  
 (NOT APPLICABLE AT PERIMETER CONDITIONS)

SCALE: N.T.S.



**ALTERNATIVE HANGERS & BRACING FOR RECT. DUCTS**

SCALE: N.T.S.

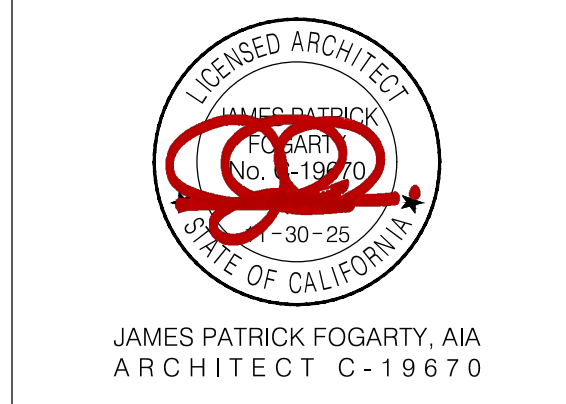


3434 Truxtun Avenue, Suite 240 Bakersfield, California, 93301 tel|661.327.1690 fax|661.327.7204 web|www.oiparchitects.net

# CAMPUS HVAC SYSTEM UPGRADE & SITE IMPROVEMENTS

Mt Vernon Elementary School  
2161 Patomac Ave, Bakersfield, CA 93307  
Bakersfield City School District

ARCHITECT



CONSULTANT



PROJECT INFO table with columns: Project No, Date, DSA File No, DSA No

REVISIONS table with columns: No, Date, Item

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MECHANICAL TITLE 24 SHEETS

Project Name, Address, Calculation Date/Time, Page 1 of 13

A. GENERAL INFORMATION table with columns: Item, Location, Standards Version, Compliance

### B. PROJECT SUMMARY

Table with columns: Building Components Complying via Performance, Building Components Complying Prescriptively

CA Building Energy Efficiency Standards- 2019 Nonresidential Compliance Report Version: NRCC-PRF-01-E-12092021-6844

Project Name, Address, Calculation Date/Time, Page 4 of 13

G1. ENVELOPE GENERAL INFORMATION (conditioned spaces only) table with columns: Surface, Area, Fenestration Area, Window to Wall Ratio

Notes: North-Facing is oriented to within 45 degrees of true north, including 45°00'00" east of north (NE), but excluding 45°00'00" west of north (NW).

### G3. OPAQUE SURFACE ASSEMBLY SUMMARY

Table with columns: Surface Name, Surface Type, Area, Framing Type, Cavity R-Value, Continuous R-Value, Units, Value, Description of Assembly Layers

CA Building Energy Efficiency Standards- 2019 Nonresidential Compliance Report Version: NRCC-PRF-01-E-12092021-6844

Project Name, Address, Calculation Date/Time, Page 7 of 13

### H3. EXHAUST FAN SUMMARY

### H4. Wet System Equipment(boilers,chillers,cooling towers,etc.)

### H5. PUMPS

### H6. SYSTEM SPECIAL FEATURES

Table with columns: System Name, Equipment Type, Window Interlocks per §140.4(n), Other Special Features and Controls

### H7. NONRESIDENTIAL VENTILATION

Table with columns: Zone Name, Mechanical Ventilation, Supply OA, Exhaust CFM, Conditioned Area, DCV or Occupant Sensor Controls, or Both

CA Building Energy Efficiency Standards- 2019 Nonresidential Compliance Report Version: NRCC-PRF-01-E-12092021-6844

Project Name, Address, Calculation Date/Time, Page 2 of 13

### C1. COMPLIANCE RESULTS FOR PERFORMANCE COMPONENTS (Annual TdV Energy Use, kWh/ft²-yr)

Table with columns: Energy Component, Standard Design (TDV), Proposed Design (TDV), Compliance Margin (TDV)

### C2. RESULTS FOR 'ABOVE CODE' QUALIFICATIONS<sup>1</sup>

Table with columns: Miscellaneous Energy Component, Standard Design (TDV), Proposed Design (TDV), Compliance Margin (TDV)

### C3. OPAQUE SURFACE ASSEMBLY SUMMARY

Table with columns: Surface Name, Surface Type, Area, Framing Type, Cavity R-Value, Continuous R-Value, Units, Value, Description of Assembly Layers

<sup>1</sup>Status: N - New, A - Altered, E - Existing

### G5. FENESTRATION ASSEMBLY SUMMARY

Table with columns: Fenestration Assembly Name / Tag or I.D., Fenestration Type / Product Type / Frame Type, Certification Method, Assembly Method, Area, Overall U-Factor, Overall SHGC, Overall VT, Energy

<sup>2</sup>Status: N - New, A - Altered, E - Existing

### G6. OVERHANG DETAILS

Table with columns: Fenestration Tag/ID, Orientation, Depth, Height from Bottom of Sill to Overhang, Right Extent, Left Extent

CA Building Energy Efficiency Standards- 2019 Nonresidential Compliance Report Version: NRCC-PRF-01-E-12092021-6844

Project Name, Address, Calculation Date/Time, Page 8 of 13

### H7. NONRESIDENTIAL VENTILATION

Table with columns: Zone Name, Mechanical Ventilation, # of people, Supply OA CFM, Exhaust CFM, Conditioned Area (sf), DCV or Occupant Sensor Controls, or Both

### H8. HIGH-RISE RESIDENTIAL DWELLING UNIT AND HOTEL/MOTEL VENTILATION

### H9. ZONAL SYSTEM AND TERMINAL UNIT SUMMARY

Table with columns: System ID, Zone Name, System Type, Qty, Rated Capacity (kBtu/h), Airflow (cfm), Heating, Cooling, Design, Min., Min. Ratio, Power, Power Units, Cycles, VSD

### H10. EVAPORATIVE COOLER SUMMARY

### H11. HEAT RECOVERY SUMMARY

This Section Does Not Apply

CA Building Energy Efficiency Standards- 2019 Nonresidential Compliance Report Version: NRCC-PRF-01-E-12092021-6844

Project Name, Address, Calculation Date/Time, Page 3 of 13

### C3. ENERGY USE SUMMARY

Table with columns: Energy Component, Standard Design Site (MWh), Proposed Design Site (MWh), Margin (MWh), Standard Design Site (kBtu), Proposed Design Site (kBtu), Margin (kBtu)

### D. EXCEPTIONAL CONDITIONS

This Building does not include service water heating. Verify that service water heating is not required and is not included in the design.

### E. HERS VERIFICATION

This Section Does Not Apply

CA Building Energy Efficiency Standards- 2019 Nonresidential Compliance Report Version: NRCC-PRF-01-E-12092021-6844

Project Name, Address, Calculation Date/Time, Page 6 of 13

### H1. DRY SYSTEM EQUIPMENT (furnaces, air handling units, heat pumps, VRF, economizers etc.)

Table with columns: Equipment Name, Equipment Type, Qty, Heating, Cooling, Efficiency Unit, Efficiency, Total Heating Output, Supp Heat Output, Total Cooling Output, Efficiency Unit, Efficiency, Economizer Type (if present)

<sup>1</sup>Status: N - New, A - Altered, E - Existing

### H2. FAN SYSTEMS SUMMARY

Table with columns: Name or Item Tag, Qty, Design OA, CFM, Modeling Method, Power, Power Units, Control, CFM, Modeling Method, Power, Power Units, Control

<sup>1</sup>Status: N - New, A - Altered, E - Existing

CA Building Energy Efficiency Standards- 2019 Nonresidential Compliance Report Version: NRCC-PRF-01-E-12092021-6844

Project Name, Address, Calculation Date/Time, Page 9 of 13

### H11. HEAT RECOVERY SUMMARY

This Section Does Not Apply

### K1. INDOOR CONDITIONED LIGHTING GENERAL INFO

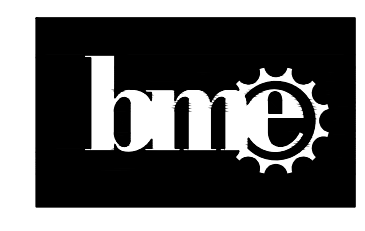
Table with columns: Occupancy Type, Conditioned Floor Area, Installed Lighting Power, Lighting Control Credits, Additional (Custom) Allowance, Area Category Footnotes, Tailored Method

<sup>1</sup> See Table 140.6-C  
<sup>2</sup> See NRCC-LT-03-E for unconditioned spaces  
<sup>3</sup> Lighting information for existing spaces modeled is not included in the table

### K4. INDOOR CONDITIONED LIGHTING MANDATORY LIGHTING CONTROLS

Table with columns: Building Level Controls, Area Level Controls (includes all lighting controls installed in conditioned space to meet mandatory requirements per §130.1.1)

CA Building Energy Efficiency Standards- 2019 Nonresidential Compliance Report Version: NRCC-PRF-01-E-12092021-6844



BASKIN MECHANICAL ENGINEERS  
175 Fulton Street  
Fresno, CA 93721  
Tel: (559) 237-0376  
Job: 22012  
Pit: 02-02-24

Project Name:	Mt. Vernon B / C / D / E	NRCC-PRF-01-E	Page 10 of 13
Project Address:	2161 Patomac Avenue Bakersfield 93307	Calculation Date/Time:	11:44, Tue, Sep 27, 2022
Input File Name:	Mt Vernon B C D E T24.cibd19x		

Project Name:	Mt. Vernon B / C / D / E	NRCC-PRF-01-E	Page 11 of 13
Project Address:	2161 Patomac Avenue Bakersfield 93307	Calculation Date/Time:	11:44, Tue, Sep 27, 2022
Input File Name:	Mt Vernon B C D E T24.cibd19x		

Project Name:	Mt. Vernon B / C / D / E	NRCC-PRF-01-E	Page 12 of 13
Project Address:	2161 Patomac Avenue Bakersfield 93307	Calculation Date/Time:	11:44, Tue, Sep 27, 2022
Input File Name:	Mt Vernon B C D E T24.cibd19x		

**L. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION**

Table Instructions: Selections shall be made by Documentation Author to indicate which Certificates of Installation must be submitted for the features to be recognized for compliance. These documents must be retained and provided to the building inspector during construction and can be found online at: [https://www.energy.ca.gov/title24/2019standards/2019\\_compliance\\_documents/Nonresidential\\_Documents/NRCC/](https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCC/)

Building Component	Form/Title
Mechanical	NRCC-MCH-01-E - Must be submitted for all buildings

**M. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE**

Table Instructions: Selections shall be made by Documentation Author to indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: [https://www.energy.ca.gov/title24/2019standards/2019\\_compliance\\_documents/Nonresidential\\_Documents/NRCA/](https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCA/)

Building Component	Form/Title
Mechanical	NRCA-MCH-02-A Outdoor Air must be submitted for all newly installed HVAC units. Note: NCH02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap
	NRCA-MCH-05-A Air Economizer Controls
	NRCA-MCH-06-A Demand Control Ventilation Systems Acceptance must be submitted for all systems required to employ demand controlled ventilation (refer to §120.1(c)(3) can vary outside ventilation flow rates based on maintaining interior carbon dioxide (CO2) concentration setpoints
	NRCA-MCH-07-A Supply Fan Variable Flow Controls
	NRCA-MCH-12-A FDD for Packaged Direct Expansion Units
	NRCA-MCH-13-A Automatic TDD for Air Handling Units and Zone Terminal Units Acceptance
	NRCA-MCH-16-A Supply Air Temperature Reset Controls

CA Building Energy Efficiency Standards- 2019 Nonresidential Compliance Report Version: NRCC-PRF-01-E-12092021-6844 Report Generated at: 2022-09-27 11:45:12

CA Building Energy Efficiency Standards- 2019 Nonresidential Compliance Report Version: NRCC-PRF-01-E-12092021-6844 Report Generated at: 2022-09-27 11:45:12

CA Building Energy Efficiency Standards- 2019 Nonresidential Compliance Report Version: NRCC-PRF-01-E-12092021-6844 Report Generated at: 2022-09-27 11:45:12

Project Name:	Mt. Vernon B / C / D / E	NRCC-PRF-01-E	Page 13 of 13
Project Address:	2161 Patomac Avenue Bakersfield 93307	Calculation Date/Time:	11:44, Tue, Sep 27, 2022
Input File Name:	Mt Vernon B C D E T24.cibd19x		

**DOCUMENTATION AUTHOR'S DECLARATION STATEMENT**  
I certify that this Certificate of Compliance documentation is accurate and complete.

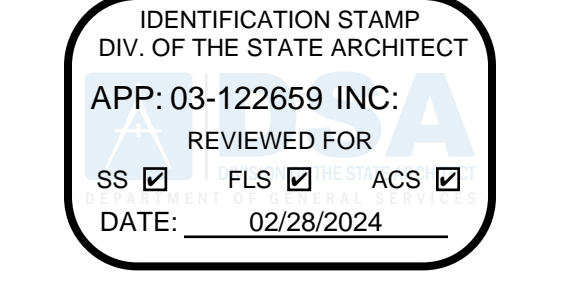
Documentation Author Name: Mark Baskin	Signature:  Mark Baskin, P.E.
Company: Baskin Mechanical Engineers	Signature Date: 2022-09-27
Address: 175 Fulton St.	CEA/ HERS Certification Identification (if applicable): M26578
City/State/Zip: Fresno CA 93721	
Phone: 5592370376	

**RESPONSIBLE PERSON'S DECLARATION STATEMENT**  
I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
- The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
- The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
- I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Envelope Designer Name:	Signature:	License #:
Company:	Date Signed:	
Address:		
City/State/Zip:		
Phone:		
Responsible Lighting Designer Name:	Signature:	License #:
Company:	Date Signed:	
Address:		
City/State/Zip:		
Phone:		
Responsible Mechanical Designer Name: Mark Baskin, P.E.	Signature:  Mark Baskin, P.E.	License #:
Company: Baskin Mechanical Engineers	Date Signed: 09-27-2022	
Address: 5500 Ming Avenue, #251		
City/State/Zip: Bakersfield CA 93309		
Phone: (661) 397-2114	Title: P. E.	License #: M26578

CA Building Energy Efficiency Standards- 2019 Nonresidential Compliance Report Version: NRCC-PRF-01-E-12092021-6844 Report Generated at: 2022-09-27 11:45:12



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

**CAMPUS HVAC  
SYSTEM UPGRADE  
&  
SITE IMPROVEMENTS**

**Mt Vernon  
Elementary School**  
2161 Patomac Ave. Bakersfield, CA 93307  
Bakersfield City School District

ARCHITECT



CONSULTANT



**PROJECT INFO**

Project No	566-0015
Date	10.12.23
DSA File No	15-4
DSA No	03-122659

**REVISIONS**

No	Date	Item

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MECHANICAL TITLE 24 SHEETS

**M5.01**

**bme BASKIN MECHANICAL ENGINEERS**  
175 Fulton Street  
Fresno, CA 93721  
Tel: (559) 237-0376  
Job: 22012  
Pit: 02-02-24

**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.1.18 through 1617A.1.26 and ASCE 7-16 Chapters 13, 26 and 30.

1. All permanent equipment and components.
2. 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.
3. Temporary, movable 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:

- A. 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.
- B. 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 by 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

**Codes:**

- California Code of Regulations (C.C.R.)
- Part 1 - 2019 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:**

- ADAAG - American with Disabilities Act, Accessibility Guidelines.
- Fixtures - Plumbing fixtures to comply with table 5.303.6 of the California Green Building Standards - 2019 Edition.

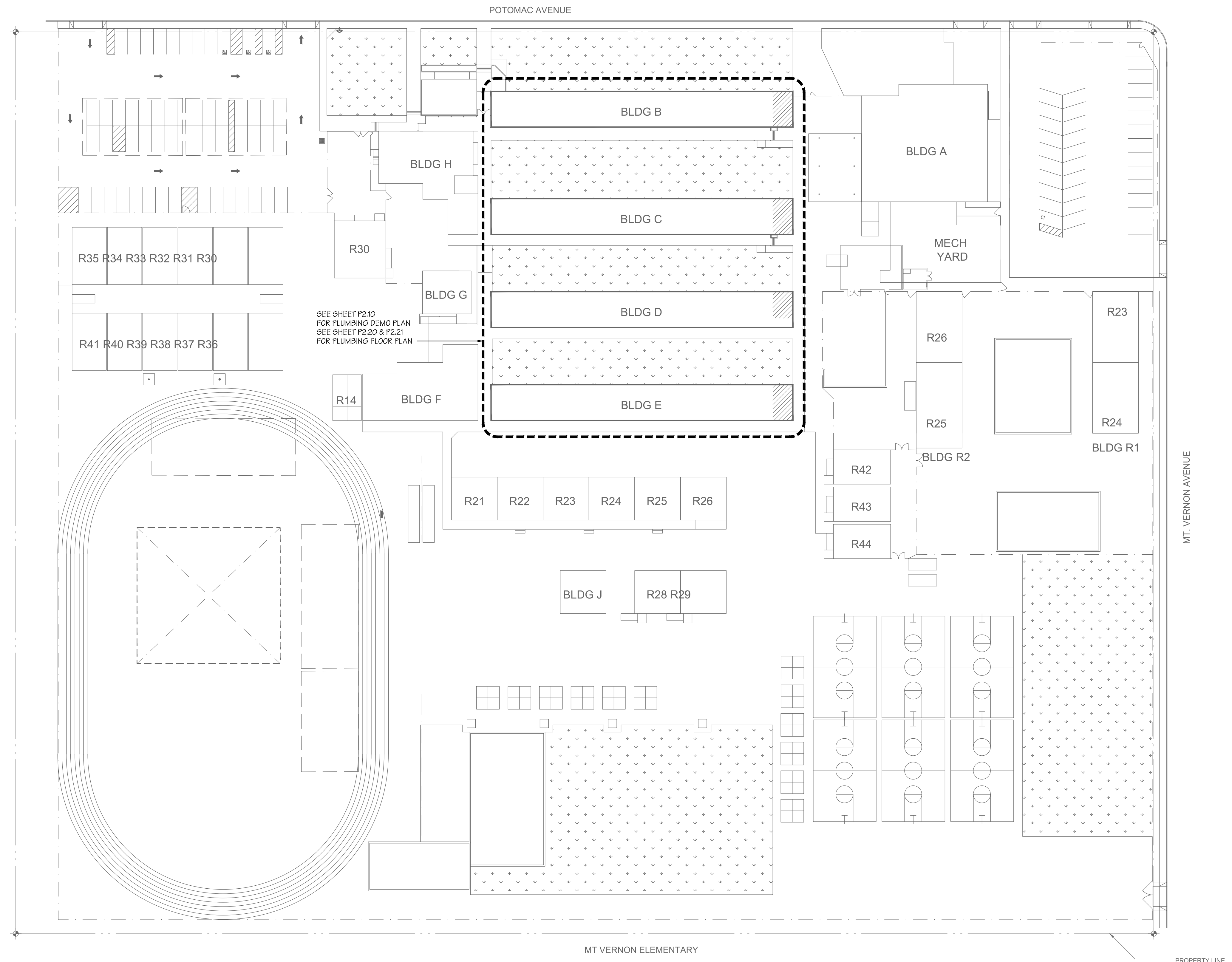
**Plumbing Fixture Schedule:**

**WC**

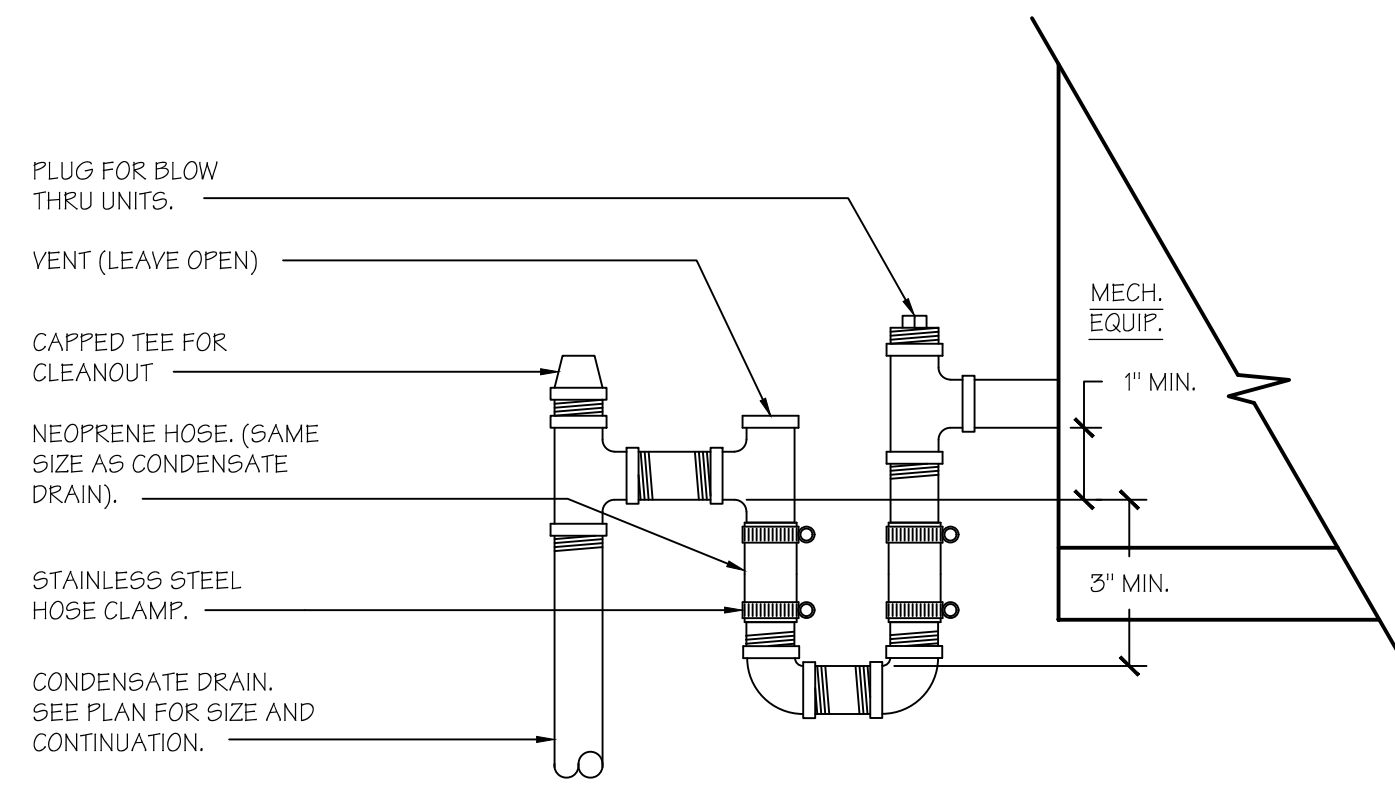
Floor mounted accessible 16.5" high flush-valve elongated water closet. "American Standard" # 3461.001, 1.28 gallons / flush. "Zum" # ZER000AVAHET.CCP battery powered 1.28 GPF sensor flush-valve, heavy duty plastic elongated open - front seat, bolt caps, 3" S.&W., 2" V.O., 1-1/4" C.W. (reduce to 1" @ flush-valve); see plan for trap primer accessory.

**S**

Counter mounted stainless steel accessible classroom sink with U-channel type mounting system, "Elkay" # DRKAD251755 with center mounted "Zum" ZB25B1-XL-15F gooseneck 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/airpiece, 1/2" C.W., 2" W.C.G., 1-1/2" V.G.



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



**CONDENSATE DRAIN CONNECTION**

SCALE: N.T.S.

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

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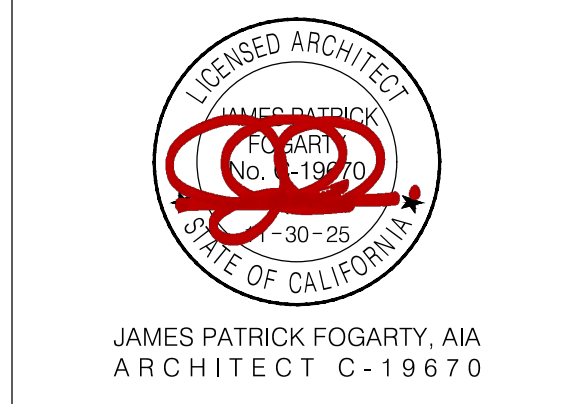


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**CAMPUS HVAC SYSTEM UPGRADE & SITE IMPROVEMENTS**

**Mt Vernon Elementary School**  
 2161 Potomac Ave. Bakersfield, CA 93307  
 Bakersfield City School District

ARCHITECT



CONSULTANT



**PROJECT INFO**

Project No	566-0015
Date	10.12.23
DSA File No	154
DSA No	03-122659

**REVISIONS**

No	Date	Item

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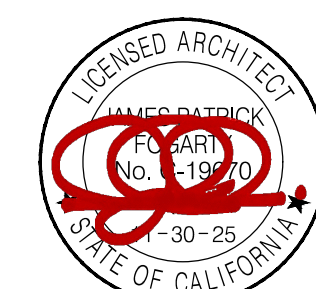


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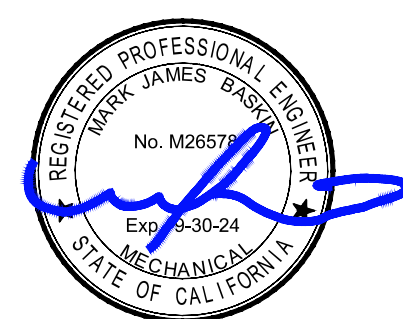
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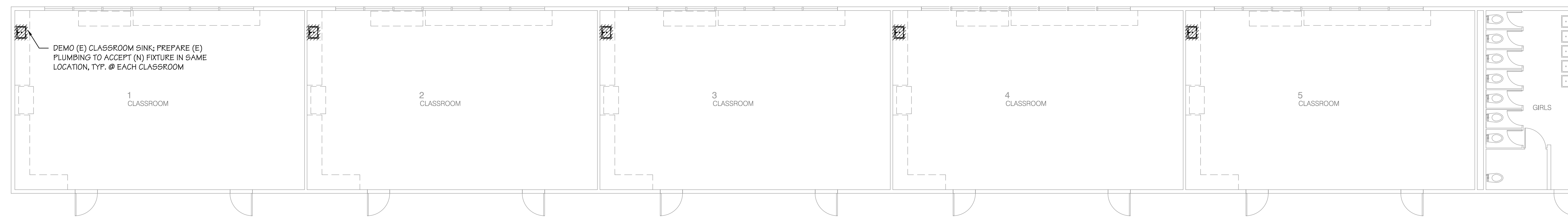
**REVISIONS**

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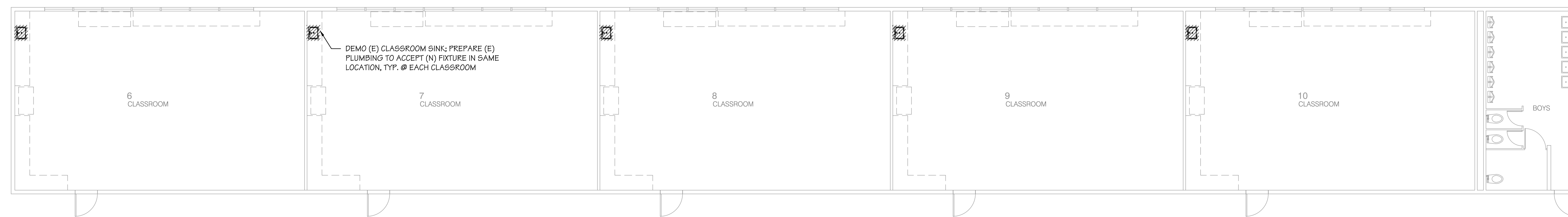
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PLUMBING DEMOLITION PLANS

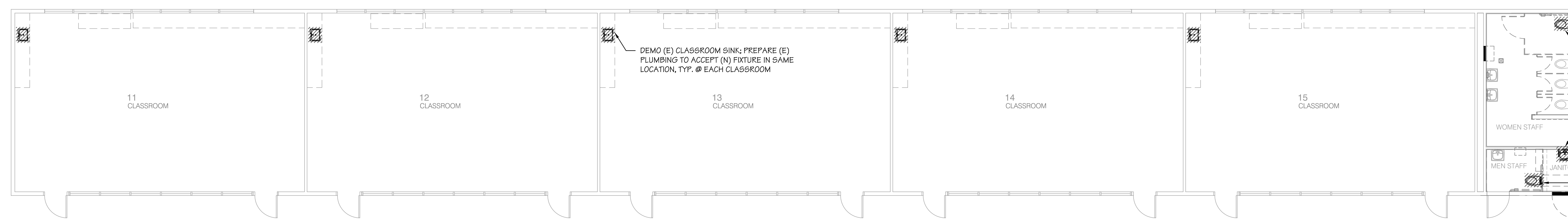
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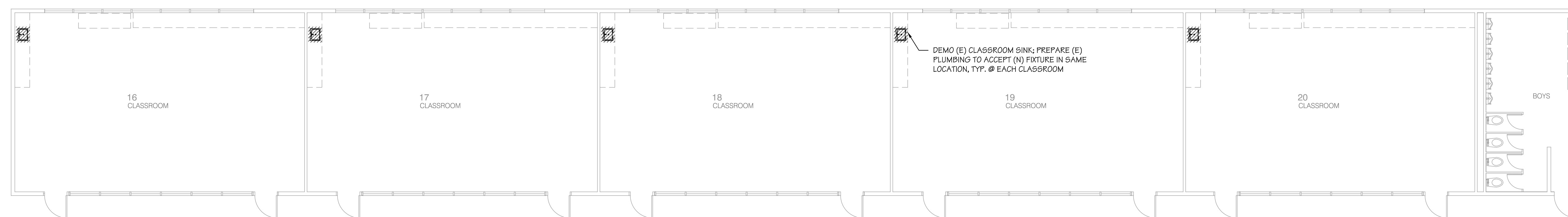
**PLUMBING DEMO PLAN - BUILDING B**  
 SCALE: 1/8"=1'-0"



**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"



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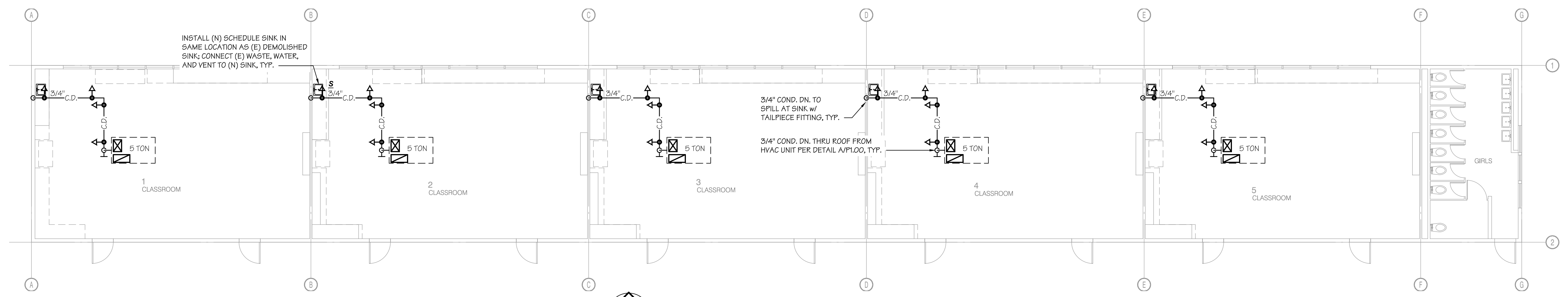
Project No	566-0015
Date	10.12.23
DSA File No	15-4
DSA No	03-122659

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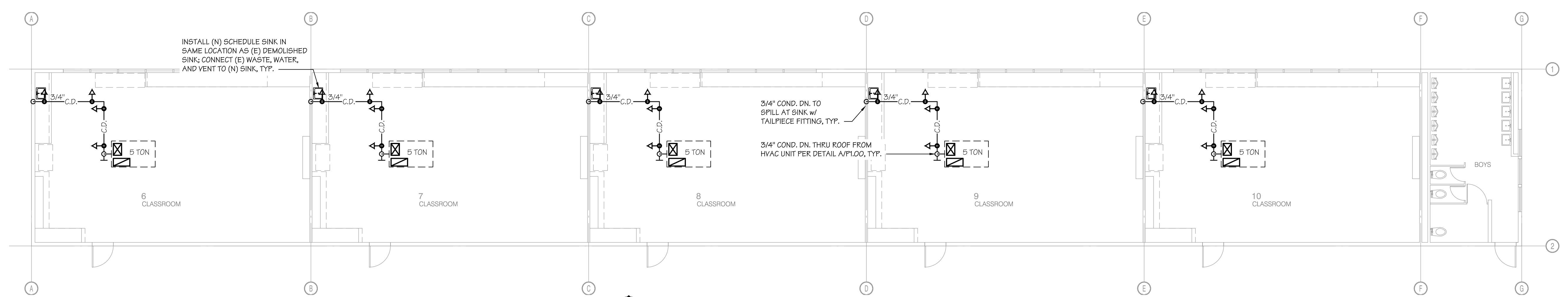
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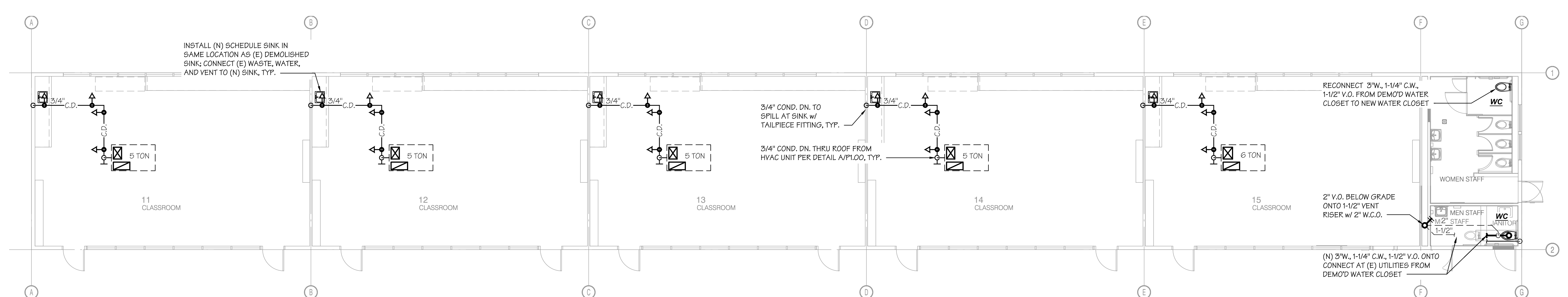
PLUMBING PLANS



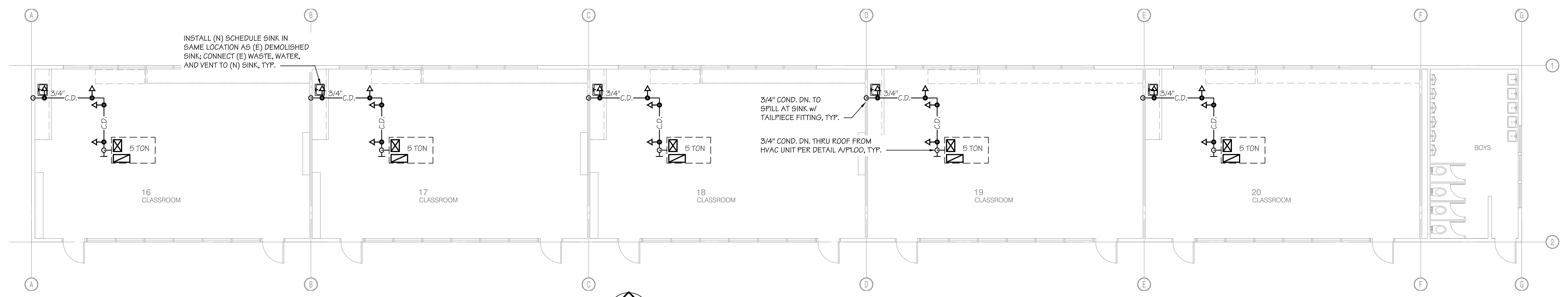
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 SCALE: 1/8"=1'-0"



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"

SEISMIC RESTRAINT LEGEND: BRACING  
 (SEE DETAILS ON SHEET P8.00)

← TRANSVERSE SEISMIC BRACE LOCATION (INDIVIDUALLY HUNG)

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DSA No	03-122659

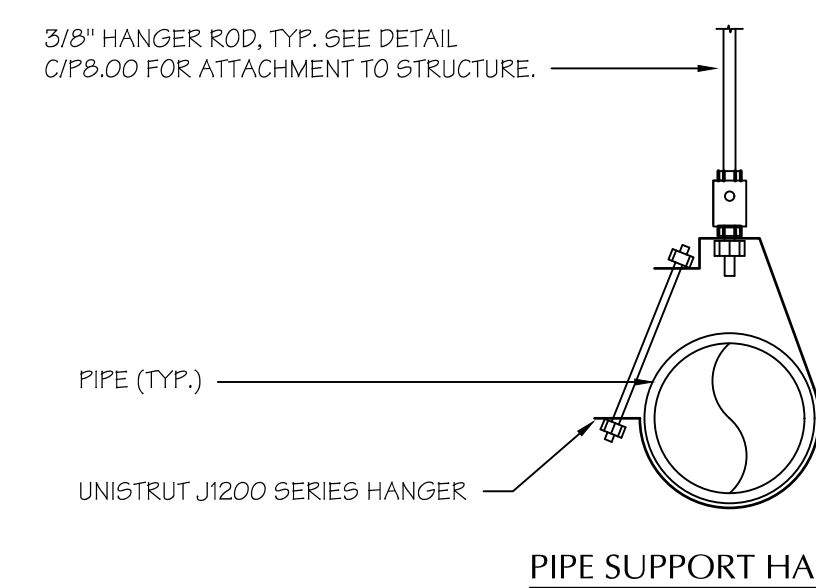
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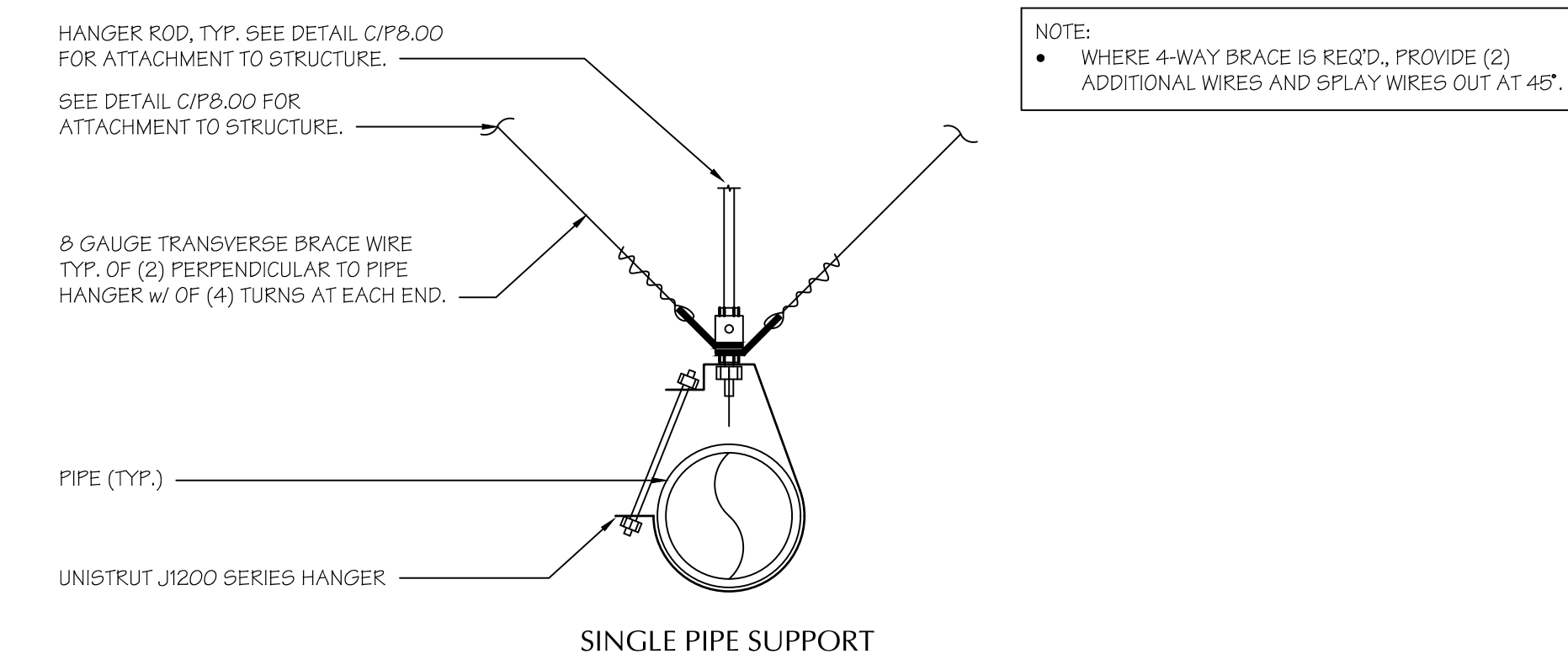
SEISMIC BRACING DETAILS

**P8.00**



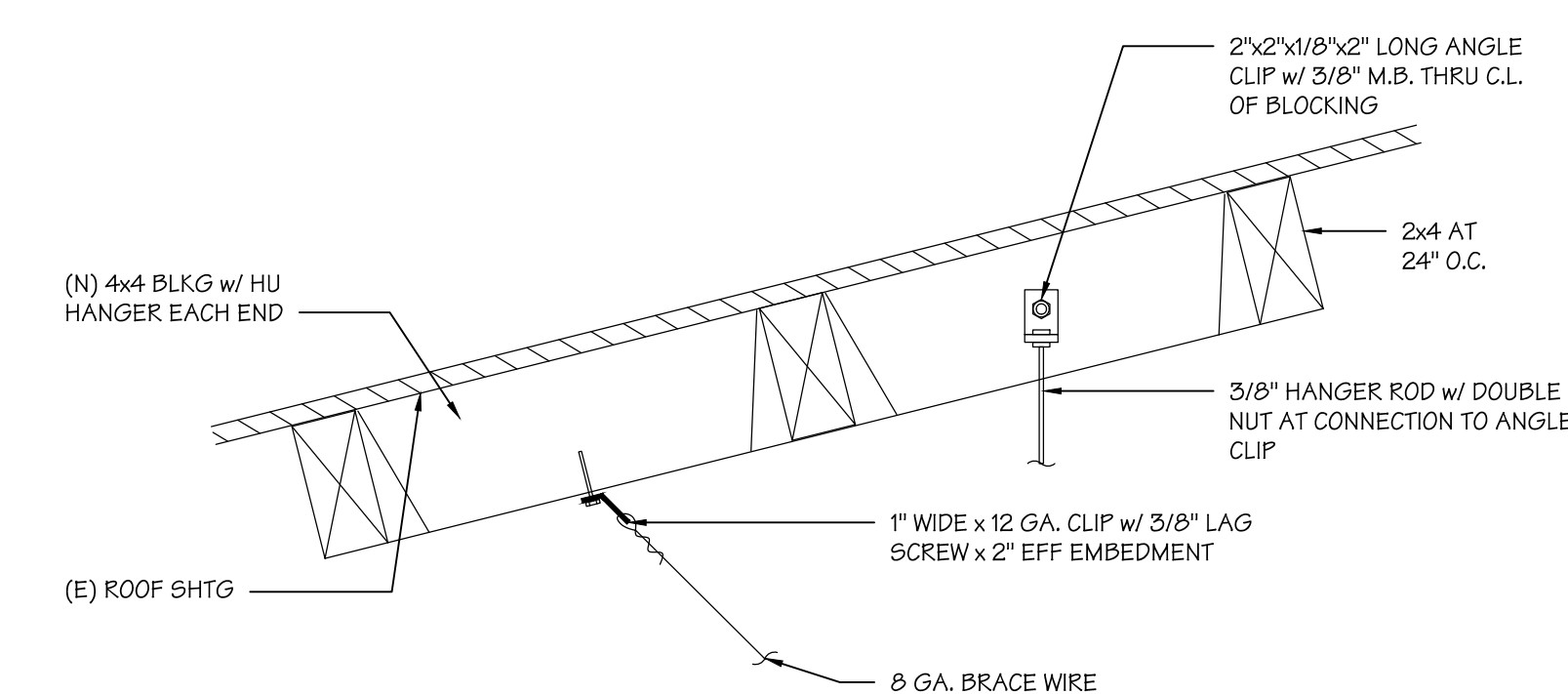
**PIPE HANGERS**

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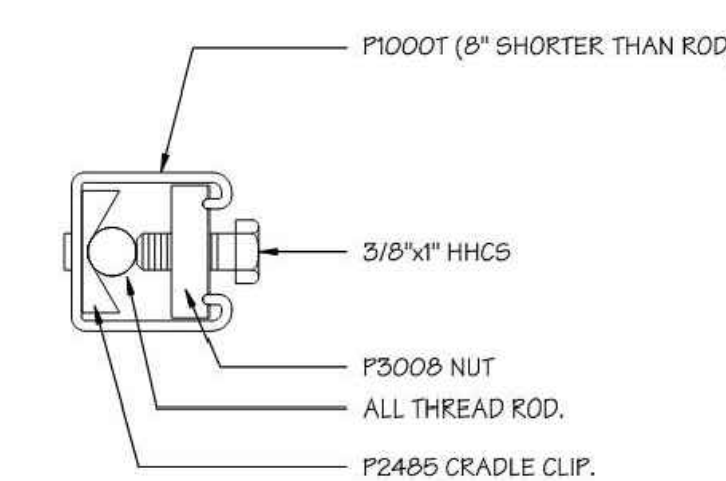
**PIPE BRACING**

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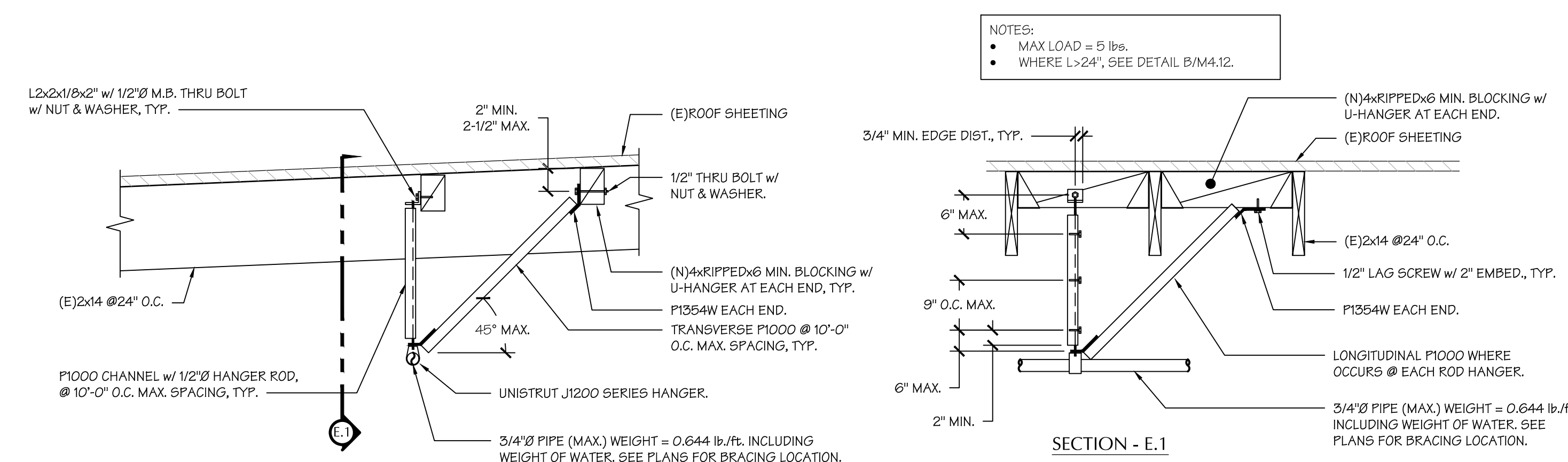
**DUCT HANGER AND BRACE UPPER ATTACHMENT**

SCALE: N.T.S.



**HANGER ROD REINFORCEMENT**

SCALE: N.T.S.



**ALTERNATIVE HANGERS & BRACING FOR PIPING**

SCALE: N.T.S.



# GENERAL NOTES

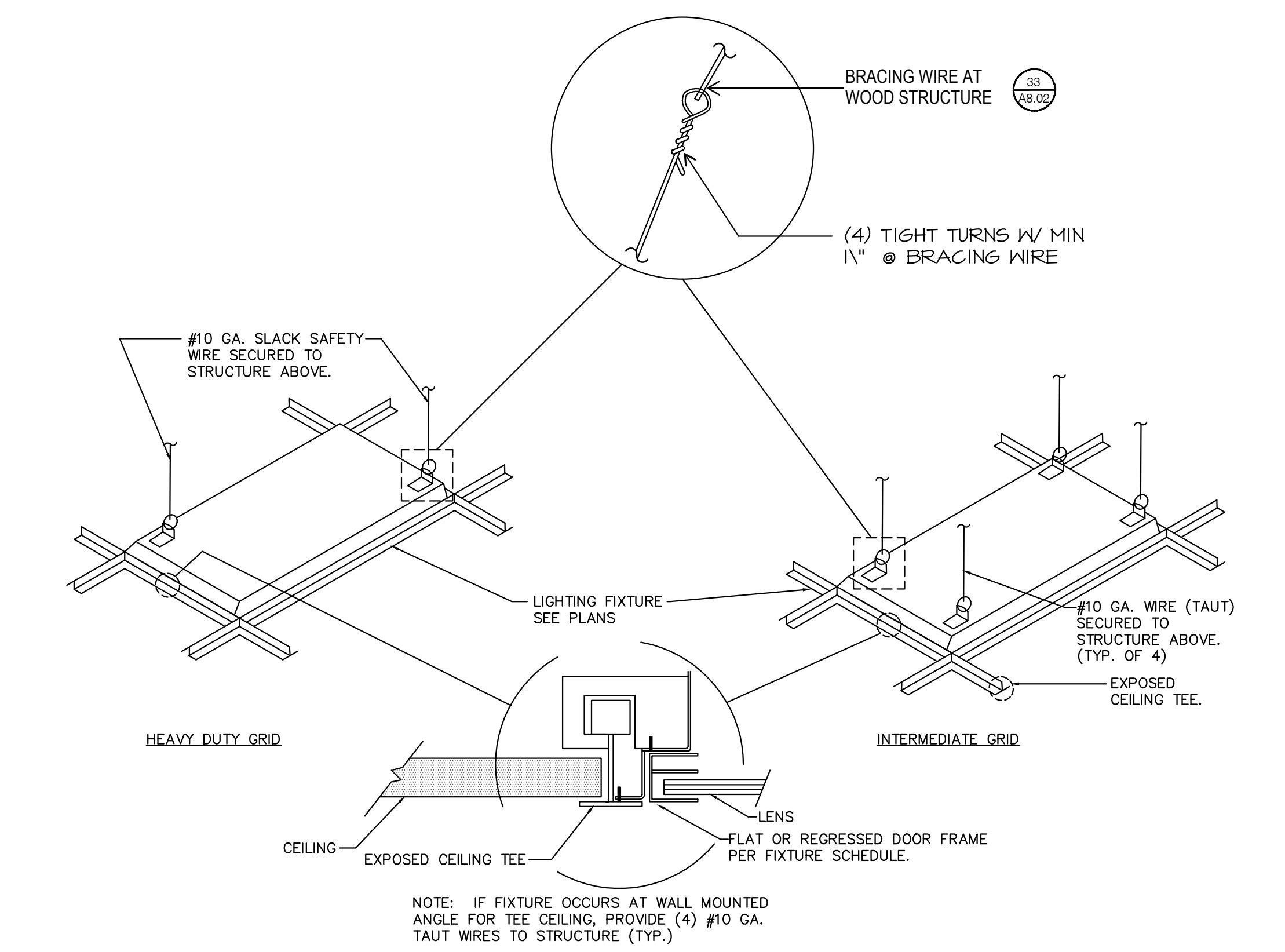
- VISIT JOB SITE AND VERIFY EXISTING CONDITIONS PRIOR TO BID.
- THE ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE 2019 CALIFORNIA ELECTRICAL CODE AND ALL APPLICABLE LOCAL ORDINANCES. WHERE PLANS CALL FOR A HIGHER STANDARD THAN APPLICABLE CODES, THE PLANS SHALL GOVERN.
- CONDUIT RUNS ARE SHOWN DIAGRAMMATICALLY. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD TO SUIT FIELD CONDITIONS.
- ALL ELECTRICAL EQUIPMENT, APPLIANCES AND LIGHTING FIXTURES SHALL BE LISTED BY A RECOGNIZED TEST LAB AND BEAR THAT LABEL OF APPROVAL.
- CONTRACTOR SHALL FURNISH, INSTALL AND CONNECT ALL MATERIAL AND EQUIPMENT FOR THIS WORK UNLESS OTHERWISE NOTED.
- FURNISH DISCONNECT SWITCHES AT REMOTE MOTORS.
- ALL SPACES AS INDICATED ON PANELS OR SWITCHBOARDS SHALL BE COMPLETE WITH HARDWARE AND BUSSES FOR FUTURE BREAKER OR SWITCH.
- CHECK ARCHITECTURAL PLANS FOR DOOR SWINGS BEFORE INSTALLING SWITCH OUTLETS.
- GROUNDING AND BONDING SHALL BE PER CODE PLUS ANY ADDITIONAL PROVISIONS SPECIFIED OR SHOWN ON DRAWINGS.
- ALL CONDUIT RUNS SHALL CONTAIN A CODE SIZED GREEN GROUND WIRE.
- THESE PLANS ARE NOT COMPLETE UNTIL APPROVED BY THE AUTHORITY HAVING JURISDICTION.
- ALL FEEDER CONDUCTORS SHALL BE IN CONDUIT. BRANCH CIRCUITS MAY BE NON-METALLIC SHEATHED CABLE.
- ALL CONDUCTORS SHALL BE COPPER WITH TYPE THIN/THIN INSULATION.
- COORDINATE WITH SERVING ELECTRICAL UTILITY COMPANY AND MAKE PROVISIONS FOR ELECTRICAL SERVICE ACCORDINGLY. INCLUDE ALL SERVICE COSTS AND UTILITY COMPANY CHARGES IN BID.
- COORDINATE WITH SERVING TELEPHONE UTILITY COMPANY AND MAKE PROVISIONS FOR TELEPHONE SERVICE ACCORDINGLY. INCLUDE ALL SERVICE COSTS AND ANY UTILITY COMPANY CHARGES IN BID.
- COORDINATE WITH SERVING CABLE TELEVISION COMPANY AND MAKE PROVISIONS FOR CABLE TELEVISION SERVICE ACCORDINGLY. INCLUDE ALL SERVICE COSTS AND ANY UTILITY COMPANY CHARGES IN BID.
- ALL PERMITS SHALL BE OBTAINED AND PAID FOR BY CONTRACTOR.

# SYMBOLS

---	CONDUIT EXISTING
---	CONDUIT CONCEALED IN WALL OR CEILING
---	CONDUIT CONCEALED UNDER FLOOR OR BELOW GRADE
---	CONDUIT STUBBED OUT AND CAPPED
○	CONDUIT TURNED UP
○	CONDUIT TURNED DOWN
	HATCH MARKS INDICATE NO. OF #12 WIRES IN CODE SIZED CONDUIT (B) MAX. IN 1/2" C. (C) MAX. IN 3/4" C. (D) MAX. IN 1" C. NO MARKS = #12
A-3	HAVE RUN LETTER INDICATES PANEL NUMBER(S) INDICATES CIRCUIT(S)
---	SANGLUT
---	GROUND CONNECTION
---	DISTRIBUTION SWITCHBOARD OR PANEL
---	PANEL, BRANCH CIRCUIT TYPE, SURFACE AND FLUSH SIGNAL TERMINAL, CABINET, SURFACE & FLUSH
---	LINEAR SURFACE FIXTURE
○	OUTLET DATA: BAR INDICATES WALL MOUNT, LETTER INDICATES SWITCH CONTROL, NO INDICATES CIRCUIT
○	SURFACE FIXTURE ON FLUSH OUTLET
○	RECESSED FIXTURE WITH JUNCTION BOX FOR THRU WIRING
○	EXIT LIGHT WITH ARROWS AS SHOWN ON PLANS, WALL AND CEILING MOUNT
○	LOW LEVEL EXIT SIGN, 4" AFF. 4" FROM DOOR JAMB
○	LIGHT FIXTURE DESIGNATION, LETTER INDICATES TYPE, NO INDICATES WATTAGE - SEE FIXTURE SCHEDULE
○	MECHANICAL EQUIPMENT DESIGNATION - SEE MECHANICAL DRAWINGS
○	SPECIAL RECEPTACLE - SEE PLAN
○	METER
○	FLUSH FLOOR RECEPTACLE
○	RECEPTACLE, DUPLEX, 15A, 125V, NEMA 5-15R #18" UNO.
○	DUPLEX RECEPTACLE W/ ABOVE BACKSLASH
○	DUPLEX RECEPTACLE W/ LOWER HALF SWITCHED
○	GROUND FAULT CIRCUIT INTERRUPTING RECEPTACLE
○	DOUBLE DUPLEX RECEPTACLE
○	CEILING RECEPTACLE
○	RECEPTACLE, DUPLEX, 20A, 125V, NEMA 5-20R #18" UNO.
○	JUNCTION BOX 4" SQUARE, 1-1/2" DEEP UNO.
○	THERMOSTAT F.S.D. #48"
○	MOTOR, NO INDICATES HORSEPOWER
○	CLOCK OUTLET 4"-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 & GROMMETTED OPENING #18" UNO.
○	CABLE TV OUTLET #18" UNO.
○	MOTION SENSOR
○	EXISTING SWITCH
S	SINGLE POLE SWITCH
S <sup>2</sup>	DOUBLE POLE SWITCH
S <sup>3</sup>	THREE WAY SWITCH
S <sup>P</sup>	SWITCH W/PILOT LT.
S <sup>M</sup>	MANUAL MOTOR STARTER
FACP	FIRE ALARM CONTROL PANEL
GF	GROUND FAULT CIRCUIT INTERRUPTING
LST	LABOR SAVING TANDEM
MLO	MAIN LINES ONLY
W/	WITH
C.O.	CONDUIT ONLY
W.P.	WEATHERPROOF
F.B.O.	FURNISHED BY OTHERS, INSTALL & CONNECT
U.N.O.	UNLESS NOTED OTHERWISE
N.E.C.	NATIONAL ELECTRICAL CODE
N.I.C.	NOT IN CONTRACT
(E)	EXISTING
(N)	NEW
(R)	REMOVE
(RL)	RELOCATE
S/M	SURFACE MOUNT
U/G	UNDERGROUND
CWP	COLD WATER PIPE
AFF	ABOVE FINISHED FLOOR
HACR	HEATING AND AIR CONDITIONING RATED CIRCUIT BREAKER
N.L.	NIGHT LIGHT

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

LED FIXTURE SCHEDULE								
TYPE	MANUFACTURER AND CATALOG NUMBER	LED MODULE			DRIVER	OPTIC/LENS	REMARKS	WEIGHT (LBS)
		TYPE	COLOR TEMP	WATTS				
A 43	LITHONIA SPX 2X4 6000LM 80CRI 35K BFR MPL MIN10 ZT MVOLT MW		3500K	43	0-10V 10%	DIFFUSE	2X4 LED	11.02
B 34	LITHONIA FMLWL 848		4000K	34	0-10V	DIFFUSE	4 FT S/M WRAP	2.5
E 1	ISOLITE DTH SWW UN		GREEN	1	ELV	GREEN	DUAL TECH	4.5
EM 6	ISOLITE BUG 6 WH		4000K	6	NICAD BATTERY	PRISMATIC	EM LIGHT	1.6



LIGHT FIXTURE SUPPORT DETAIL

APPLICABLE CODE: 2019 CBC

**MEP COMPONENT ANCHORAGE NOTE**

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 2022 CBC SECTIONS 1617A.1.18 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, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS 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 HAVING 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 STRUCTURE ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

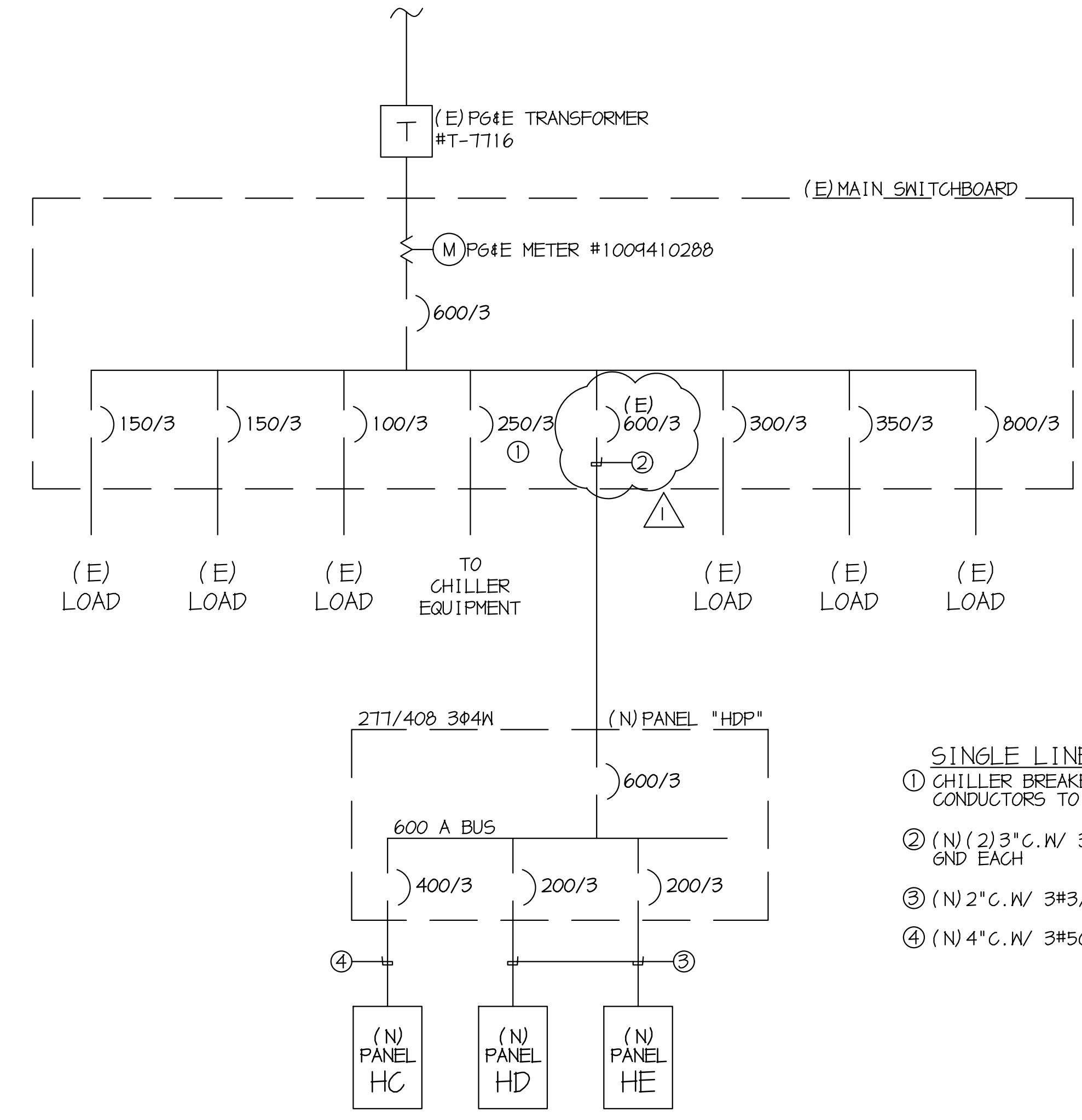
**PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEM BRACING**

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 SECTIONS 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 PREAPPROVED INSTALLATION GUIDE (E.G., HCAI 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.

ELECTRICAL DISTRIBUTION SYSTEMS (E):

DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.



- SINGLE LINE NOTES**
- CHILLER BREAKER CONDUIT, AND CONDUCTORS TO BE REMOVED.
  - (N) 2 3" C. W/ 3#350 KCMIL, 1#2/0 GND EACH
  - (N) 2" C. W/ 3#3/0, 1#6ND
  - (N) 4" C. W/ 3#500 KCMIL, 1#26ND

SINGLE LINE DIAGRAM

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 03-122659 INC:  
REVIEWED FOR  
SS  FLS  ACS   
DATE: 02/28/2024



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

## CAMPUS HVAC SYSTEM UPGRADE & SITE IMPROVEMENTS

Mt Vernon Elementary School  
2161 Potomac Ave, Bakersfield, CA 93307  
Bakersfield City School District

ARCHITECT

James Patrick Fogarty, AIA  
ARCHITECT © 1987-20

CONSULTANT

JMPE  
ELECTRICAL ENGINEERING  
LIGHTING DESIGN  
CA REGISTRATION NO E13063  
2221021  
607 OLIVE STREET  
DANTA BARBARA CA 93106  
PH (805) 969-3622  
FAX (805) 969-3404  
www.jmpe.net

**PROJECT INFO**

Project No	566-0015
Date	10.12.23
DSA File No	15-6
DSA No	03-122659

**REVISIONS**

No	Date	Item

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SINGLE LINE DIAGRAM AND GENERAL NOTES

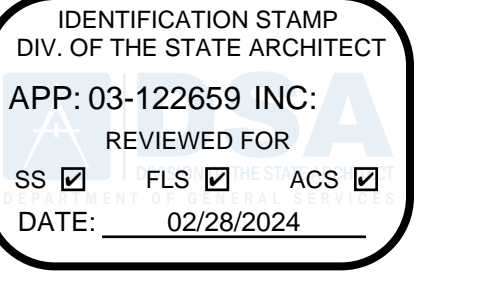
E-001









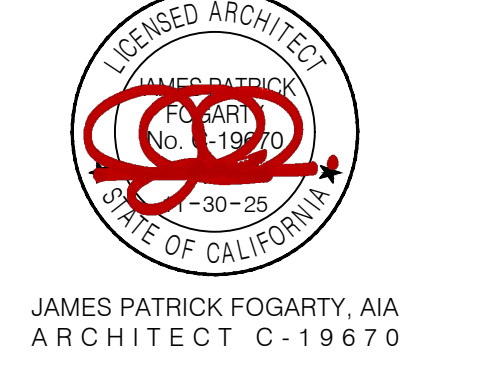


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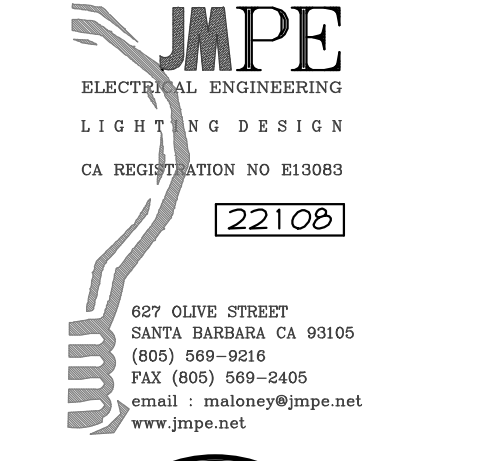
### CAMPUS HVAC SYSTEM UPGRADE & SITE IMPROVEMENTS

Mt Vernon Elementary School  
2161 Patomac Ave, Bakersfield, CA 93307  
Bakersfield City School District

ARCHITECT



CONSULTANT



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INDOOR T24

# E-006

STATE OF CALIFORNIA  
**Indoor Lighting**  
NRCC-LTI-E (Created 11/19)

CERTIFICATE OF COMPLIANCE  
Project Name: MT. VERNON ELEMENTARY SCHOOL (TYPICAL FOR BLDGS. B, C, D, & E) Report Page: Page 3 of 6  
Project Address: 2161 PATOMAC AVE, BAKERSFIELD, CA Date Prepared: 10/27/22

Table Instructions: Please include lighting controls for conditioned and unconditioned spaces in this table. When an option having a \* is selected, the notes section of this table must be completed. The lighting controls section of the Compliance Summary Table on the first page will show "DOES NOT COMPLY" if the notes are left blank.

Building Level Controls	
01	02
Mandatory Demand Response \$130.1(c)	Shut-Off Controls \$130.1(c)
Field Inspector	Pass
Not Required ≤ 10,000 SF	See Area/Space Level Controls

Area Level Controls								
04	05	06	07	08	09	10	11	12
Area Description	Complete Building or Area Category Primary Function Area	Area Controls \$130.1(a)	Multi-Level Controls \$130.1(b)	Shut-Off Controls \$130.1(c)	Primary/Skylit Daylighting \$130.1(d)	Secondary Daylighting \$140.6(d)	Interlocked Systems \$140.6(a)(1)	Field Inspector
TYP. CLASSROOM	Classroom, Lecture, Training, Vocational	Manual ON/OFF	Dimmer	Vacancy	NA	NA	Pass	Fail
RESTROOMS	Restroom	Manual ON/OFF	NA: < 80% LP (alt only)	Vacancy	NA	NA	Pass	Fail

\*NOTES: Controls with a \* require a note in the space below explaining how compliance is achieved.  
EX: Conference 1: Primary/Skylit Daylighting: Exempt because less than 120 watts of general lighting;  
EXCEPTION 1 to \$130.1(d)(2)

**I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS**  
Table Instructions: Complete the table for each area complying using the Complete Building or Area Category Methods per \$140.6(b). Indicate if additional lighting power allowances per \$140.6(c) or adjustments per \$140.6(a) are being used.

Conditioned Spaces					
01	02	03	04	05	06
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft²)	Area (ft²)	Allowed Wattage (Watts)	Additional Allowances / Adjustment
TYP. CLASSROOM	Classroom, Lecture, Training, Vocational	0.7	299	209.3	Pass
RESTROOM	Restroom	0.65	4,701	3,055.65	Pass
<b>TOTAL:</b>		<b>5,000</b>	<b>3,264.95</b>	<b>See Tables J or P for detail</b>	

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> November 2019

STATE OF CALIFORNIA  
**Indoor Lighting**  
NRCC-LTI-E (Created 11/19)

CERTIFICATE OF COMPLIANCE  
Project Name: MT. VERNON ELEMENTARY SCHOOL (TYPICAL FOR BLDGS. B, C, D, & E) Report Page: Page 2 of 6  
Project Address: 2161 PATOMAC AVE, BAKERSFIELD, CA Date Prepared: 10/27/22

Controls Compliance (See Table H for Details) COMPLIES  
Rated Power Reduction Compliance (See Table Q for Details) Not Applicable

**D. EXCEPTIONAL CONDITIONS**  
This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.  
No exceptional conditions apply to this project.

**E. ADDITIONAL REMARKS**  
This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

**F. INDOOR LIGHTING FIXTURE SCHEDULE**  
Table Instructions: Include all permanent designed lighting and all portable lighting in offices.

Designed Wattage: Conditioned Spaces									
01	02	03	04	05	06	07	08	09	10
Name or Item Tag	Complete Luminaire Description	Modular (Track) Fixture	Small Aperture & Color Change	Watts per luminaire*	How Wattage is determined	Total number luminaires	Exempt per \$140.6(a)(3)	Design Watts	Field Inspector
A	LED 2X4 TROFFER	<input type="checkbox"/>	<input type="checkbox"/>	43	Mfr. Spec*	60	<input type="checkbox"/>	2,580	Pass
B	LED STRIP	<input type="checkbox"/>	<input type="checkbox"/>	23	Mfr. Spec*	3	<input type="checkbox"/>	69	Fail
<b>Total Designed Watts CONDITIONED SPACES:</b>								<b>2,649</b>	

\*FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per \$140.6(a)(4) is adjusted to be 75% of their rated wattage. Table F automatically makes this adjustment, the permit applicant should enter full rated wattage in column 05.  
\*Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per \$130.0(c) wattage used must be the maximum rated for the luminaire, not the lamp.

**G. MODULAR LIGHTING SYSTEMS**  
This Section Does Not Apply

**H. INDOOR LIGHTING CONTROLS (Not including PAFs)**

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> November 2019

STATE OF CALIFORNIA  
**Indoor Lighting**  
NRCC-LTI-E (Created 11/19)

CERTIFICATE OF COMPLIANCE  
Project Name: MT. VERNON ELEMENTARY SCHOOL (TYPICAL FOR BLDGS. B, C, D, & E) Report Page: Page 1 of 6  
Project Address: 2161 PATOMAC AVE, BAKERSFIELD, CA Date Prepared: 10/27/22

**A. GENERAL INFORMATION**

01	Project Location (city)	BAKERSFIELD	04	Total Conditioned Floor Area (ft²)	5,000
02	Climate Zone	13	05	Total Unconditioned Floor Area (ft²)	
03	Occupancy Types Within Project (select all that apply):	<input type="checkbox"/> Warehouse <input type="checkbox"/> Hotel/Motel <input checked="" type="checkbox"/> School <input type="checkbox"/> Support Areas	06	# of Stories (habitable above grade)	
<input type="checkbox"/> Office <input type="checkbox"/> Retail <input type="checkbox"/> High-Rise Residential <input type="checkbox"/> Warehouse <input type="checkbox"/> Hotel/Motel <input checked="" type="checkbox"/> School <input type="checkbox"/> Support Areas	<input type="checkbox"/> Parking Garage <input type="checkbox"/> High-Rise Residential <input type="checkbox"/> Relocatable <input type="checkbox"/> Healthcare <input type="checkbox"/> Other (write in):				

**B. PROJECT SCOPE**  
Table Instructions: Include any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in \$140.6 or \$141.0(b)(2) for alterations. WARNING: Changing the Calculation Method in this table will result in the deletion of data previously input. If you need to change the calculation method, please open a new form or use "Save As".

Scope of Work		Conditioned Spaces		Unconditioned Spaces	
01	My Project Consists of (check all that apply):	02	Calculation Method	03	Area (ft²)
<input checked="" type="checkbox"/> New Lighting System		04	Area Category	05	Calculation Method
<input type="checkbox"/> Altered Lighting System		06	Area (ft²)	07	Area (ft²)
<b>Total Area of Work (ft²)</b>		<b>5,000</b>			

**C. COMPLIANCE RESULTS**  
Table Instructions: If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D for guidance.

Allowed Lighting Power per \$140.6(b) (Watts)		Adjusted Lighting Power per \$140.6(a) (Watts)		Compliance Results	
01	02	03	04	05	06
Lighting in conditioned and unconditioned spaces must not be combined for compliance per \$140.6(b)(1).	Complete Building \$140.6(c)(1)	Area Category Additional \$140.6(c)(2) (+)	Tailored \$140.6(c)(3) (+)	Total Allowed (Watts)	Total Adjusted (Watts)
	(See Table I)	(See Table J)	(See Table K)	(See Table F)	(See Table P)
Conditioned:	3,264.95			3,264.95	2,649
Unconditioned:					2,649
<b>Total:</b>		<b>3,264.95</b>		<b>3,264.95</b>	<b>2,649</b>
					<b>COMPLIES</b>

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> November 2019

STATE OF CALIFORNIA  
**Indoor Lighting**  
NRCC-LTI-E (Created 11/19)

CERTIFICATE OF COMPLIANCE  
Project Name: MT. VERNON ELEMENTARY SCHOOL (TYPICAL FOR BLDGS. B, C, D, & E) Report Page: Page 6 of 6  
Project Address: 2161 PATOMAC AVE, BAKERSFIELD, CA Date Prepared: 10/27/22

**DOCUMENTATION AUTHOR'S DECLARATION STATEMENT**  
I certify that this Certificate of Compliance documentation is accurate and complete

Documentation Author Name: JOHN MALONEY P.E. Documentation Author Signature:   
Company: JMPE Signature Date: 10/27/22  
Address: 627 OLIVE STREET CEA/HERS Certification Identification (if applicable):  
City/State/Zip: SANTA BARBARA, CA 93101 Phone: 805-569-9216

**RESPONSIBLE PERSON'S DECLARATION STATEMENT**  
I certify the following under penalty of perjury, under the laws of the State of California:  
1. The information provided on this Certificate of Compliance is true and correct.  
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)  
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.  
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.  
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: JOHN MALONEY P.E. Responsible Designer Signature:   
Company: JMPE Date Signed: 10/27/22  
Address: 627 OLIVE STREET License: E013083 06-23  
City/State/Zip: SANTA BARBARA, CA 93101 Phone: 805-569-9216

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> November 2019

STATE OF CALIFORNIA  
**Indoor Lighting**  
NRCC-LTI-E (Created 11/19)

CERTIFICATE OF COMPLIANCE  
Project Name: MT. VERNON ELEMENTARY SCHOOL (TYPICAL FOR BLDGS. B, C, D, & E) Report Page: Page 5 of 6  
Project Address: 2161 PATOMAC AVE, BAKERSFIELD, CA Date Prepared: 10/27/22

Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E, Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at [https://www2.energy.ca.gov/title24/2019standards/2019\\_compliance\\_documents/Nonresidential\\_Documents/NRCC/](https://www2.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCC/)

Form/Title		Field Inspector	
YES	NO	Pass	Fail
<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>
NRC-LTI-01-E - Must be submitted for all buildings			
<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>
NRC-LTI-02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance.			
<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>
NRC-LTI-04-E - Must be submitted for two interlocked systems serving an auditorium, a convention center, a conference room, a multipurpose room, or a theater to be recognized for compliance.			
<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>
NRC-LTI-05-E - Must be submitted for a Power Adjustment Factor (PAF) to be recognized for compliance.			
<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>
NRC-LTI-06-E - Must be submitted for additional wattage installed in a video conferencing studio to be recognized for compliance.			

**I. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE**  
Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E, Additional Remarks. These documents must be provided to the building inspector during construction and only with "A" in the form name must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: <http://www.energy.ca.gov/title24/attcp/providers.html>

Form/Title		Field Inspector	
YES	NO	Pass	Fail
<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>
NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.			
<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>
NRCA-LTI-03-A - Must be submitted for automatic daylight controls.			
<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>
NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls.			
<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>
NRCA-LTI-05-A - Must be submitted for institutional tuning power adjustment factor (PAF).			
<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>
NRCA-ENV-03-F - Must be submitted for daylighting design power adjustment factors (PAF).			

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> November 2019

STATE OF CALIFORNIA  
**Indoor Lighting**  
NRCC-LTI-E (Created 11/19)

CERTIFICATE OF COMPLIANCE  
Project Name: MT. VERNON ELEMENTARY SCHOOL (TYPICAL FOR BLDGS. B, C, D, & E) Report Page: Page 4 of 6  
Project Address: 2161 PATOMAC AVE, BAKERSFIELD, CA Date Prepared: 10/27/22

**J. ADDITIONAL LIGHTING ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM**  
This Section Does Not Apply

**K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE**  
This Section Does Not Apply

**L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY**  
This Section Does Not Apply

**M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING**  
This Section Does Not Apply

**N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED ORNAMENTAL/SPECIAL EFFECTS**  
This Section Does Not Apply

**O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE**  
This Section Does Not Apply

**P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))**  
This Section Does Not Apply

**Q. RATED POWER REDUCTION COMPLIANCE FOR ALTERATIONS**  
This Section Does Not Apply

**R. 80% LIGHTING POWER FOR ALTERATIONS - CONTROLS EXCEPTIONS**  
This Section Does Not Apply

**S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)**  
This Section Does Not Apply

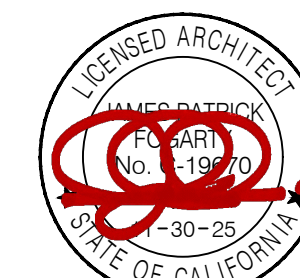
**T. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION**

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> November 2019

**CAMPUS HVAC  
 SYSTEM UPGRADE  
 &  
 SITE IMPROVEMENTS**

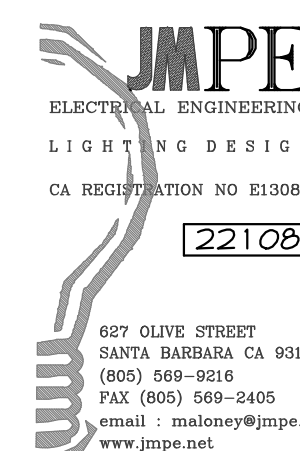
**Mt Vernon  
 Elementary School**  
 2161 Potomac Ave, Bakersfield, CA 93307  
 Bakersfield City School District

ARCHITECT



JAMES PATRICK FOGARTY, AIA  
 ARCHITECT C-19670

CONSULTANT



**PROJECT INFO**

Project No	566-0015
Date	10.12.23
DSA File No	15-6
DSA No	03-122659

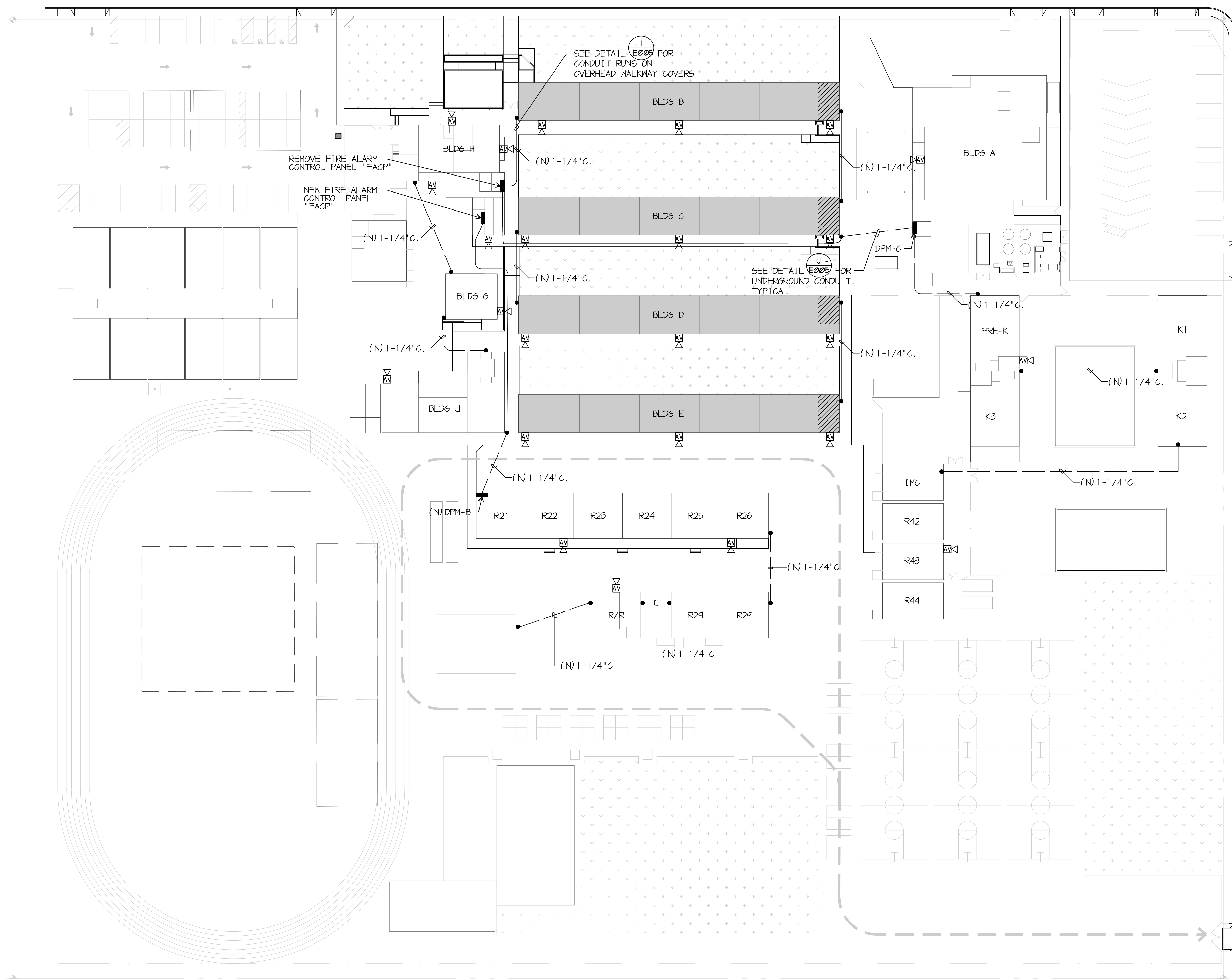
**REVISIONS**

No	Date	Item

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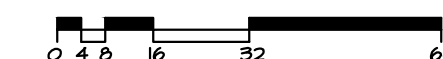
FIRE ALARM  
 SITE PLAN

**E100**



**FIRE ALARM SITE PLAN**

SCALE: 1/32" = 1'-0"



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 web | www.aparchitects.net

**CAMPUS HVAC  
 SYSTEM UPGRADE  
 &  
 SITE IMPROVEMENTS**

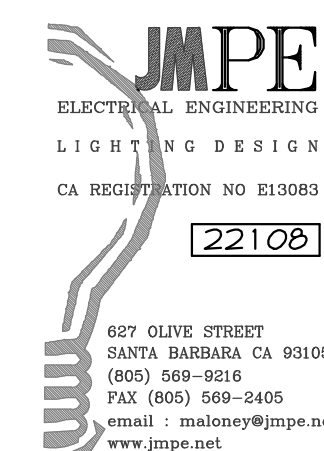
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ARCHITECT



JAMES PATRICK FOGARTY, AIA  
 ARCHITECT C-19670

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 www.jmpe.net



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BLD. H FIRE ALARM  
 DEMO SITE PLAN

**E101**

**FIRE ALARM DEMOLITION NOTES**

1. REMOVE ALL EXISTING FIRE ALARM DEVICES COMPLETE.



**BUILDING H FIRE ALARM DEMOLITION PLAN**

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





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**CAMPUS HVAC  
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 SITE IMPROVEMENTS**

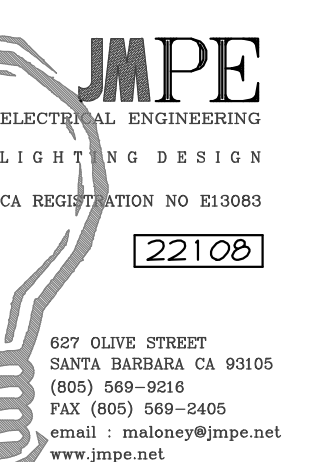
**Mt Vernon  
 Elementary School**  
 2161 Potomac Ave, Bakersfield, CA 93307  
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ARCHITECT



JAMES PATRICK FOGARTY, AIA  
 ARCHITECT C-19670

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Project No	566-0015
Date	10.12.23
DSA File No	15-6
DSA No	03-122659

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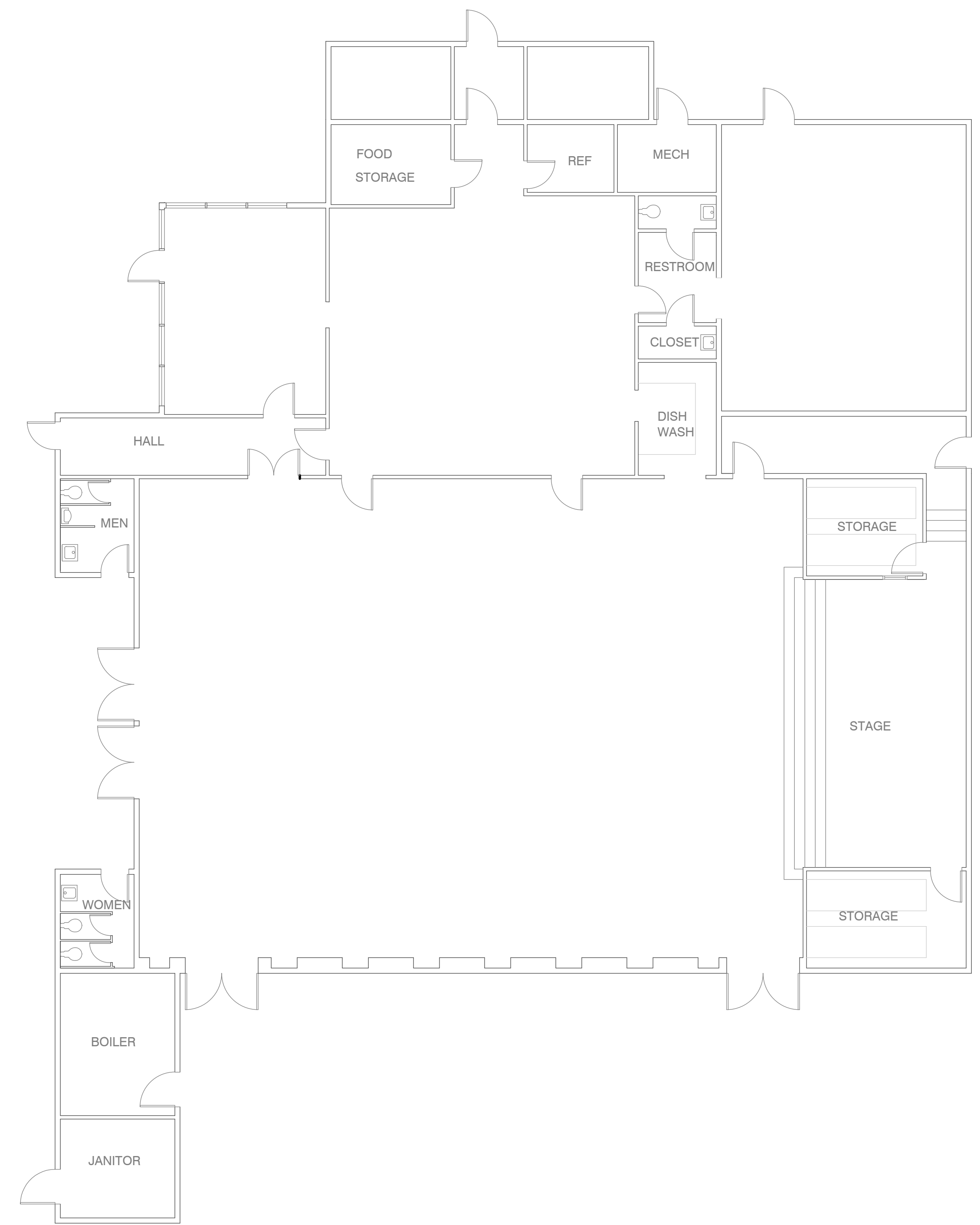
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BUILDING A FIRE ALARM DEMO PLAN

**E102**

FIRE ALARM DEMOLITION NOTES  
 1. REMOVE ALL EXISTING FIRE ALARM DEVICES COMPLETE.



BUILDING A FIRE ALARM DEMOLITION PLAN

SCALE: 1/8" = 1'-0"



①  
②  
③  
④  
⑤

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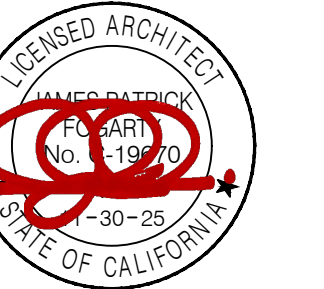
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CAMPUS HVAC  
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&  
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Mt Vernon  
Elementary School

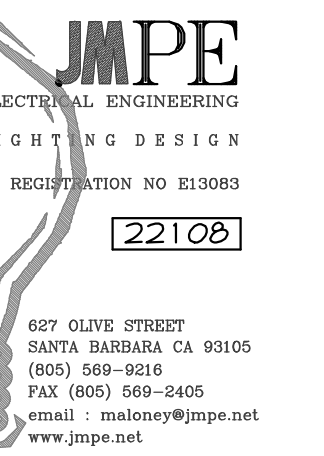
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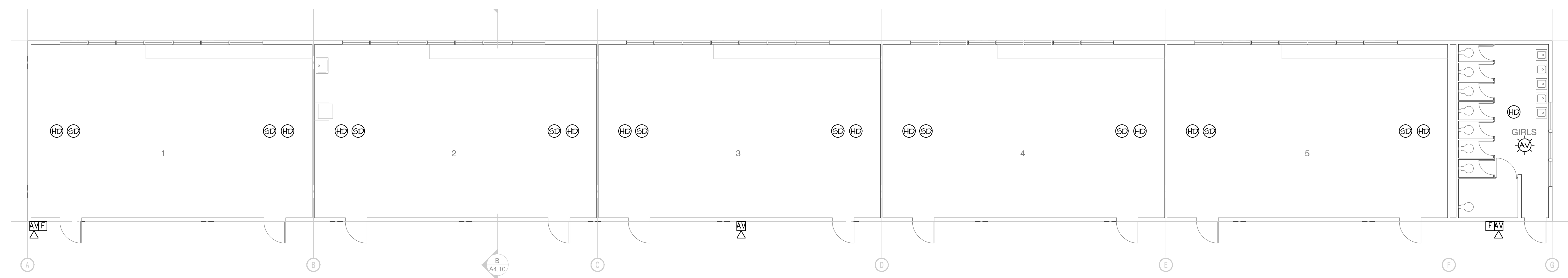
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BLD. B&C FIRE ALARM DEMO SITE PLAN

E103

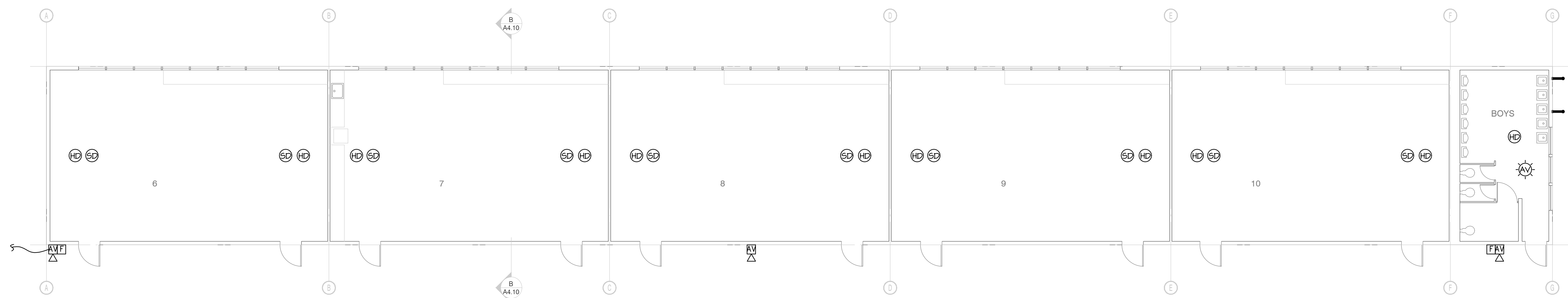
FIRE ALARM DEMOLITION NOTES

- REMOVE ALL EXISTING FIRE ALARM DEVICES COMPLETE.



BUILDING B FIRE ALARM DEMOLITION PLAN

SCALE: 1/8" = 1'-0" 0 1 2 3 4



BUILDING C FIRE ALARM DEMOLITION PLAN

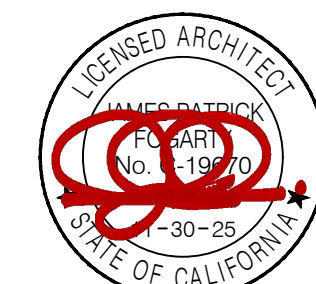
SCALE: 1/8" = 1'-0" 0 1 2 3 4



**CAMPUS HVAC  
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 &  
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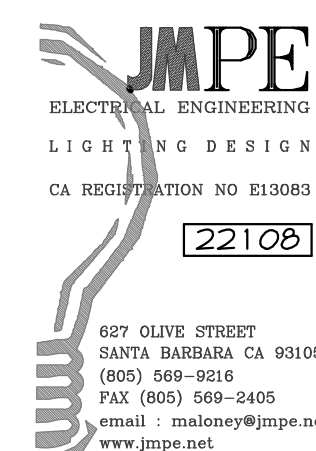
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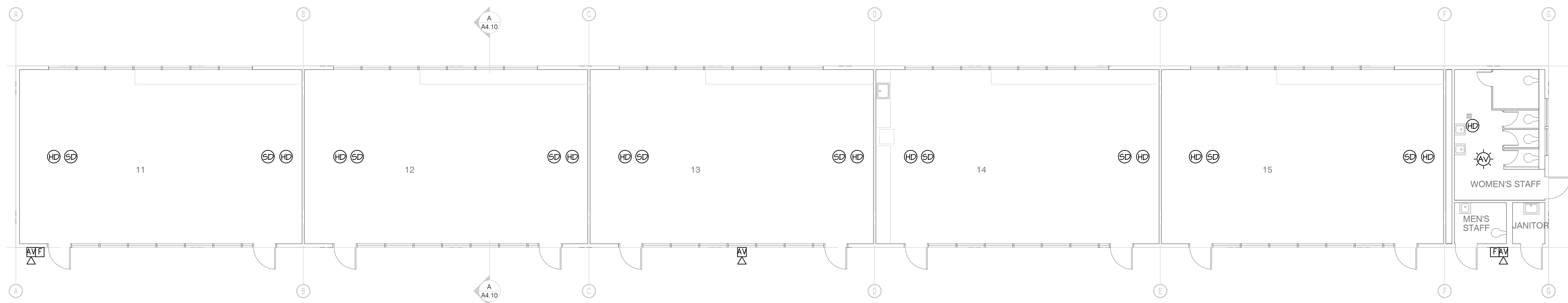
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BUILDING D&E FIRE ALARM DEMO SITE

**E104**

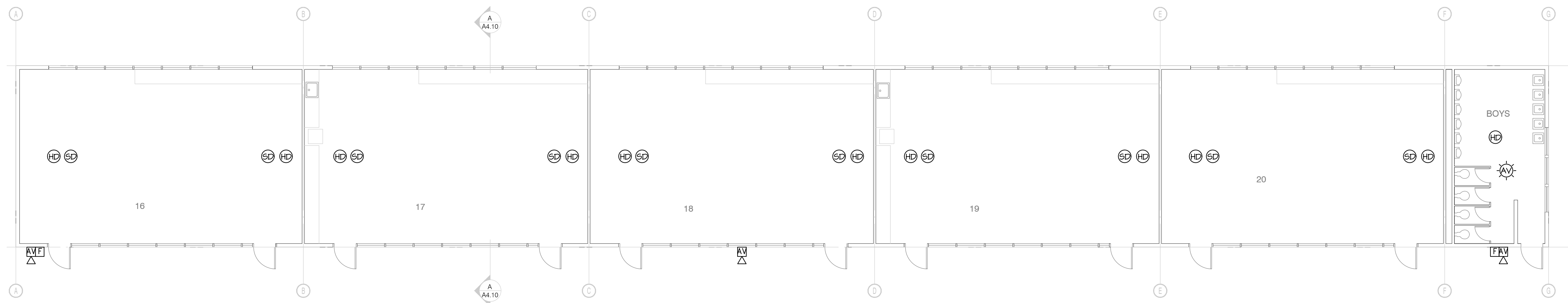
FIRE ALARM DEMOLITION NOTES

- REMOVE ALL EXISTING FIRE ALARM DEVICES COMPLETE.



BUILDING D FIRE ALARM DEMOLITION PLAN

SCALE: 1/8" = 1'-0"



BUILDING E FIRE ALARM DEMOLITION PLAN

SCALE: 1/8" = 1'-0"



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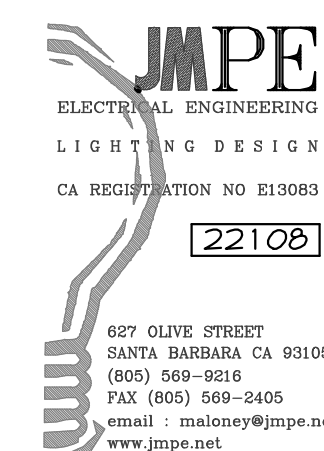
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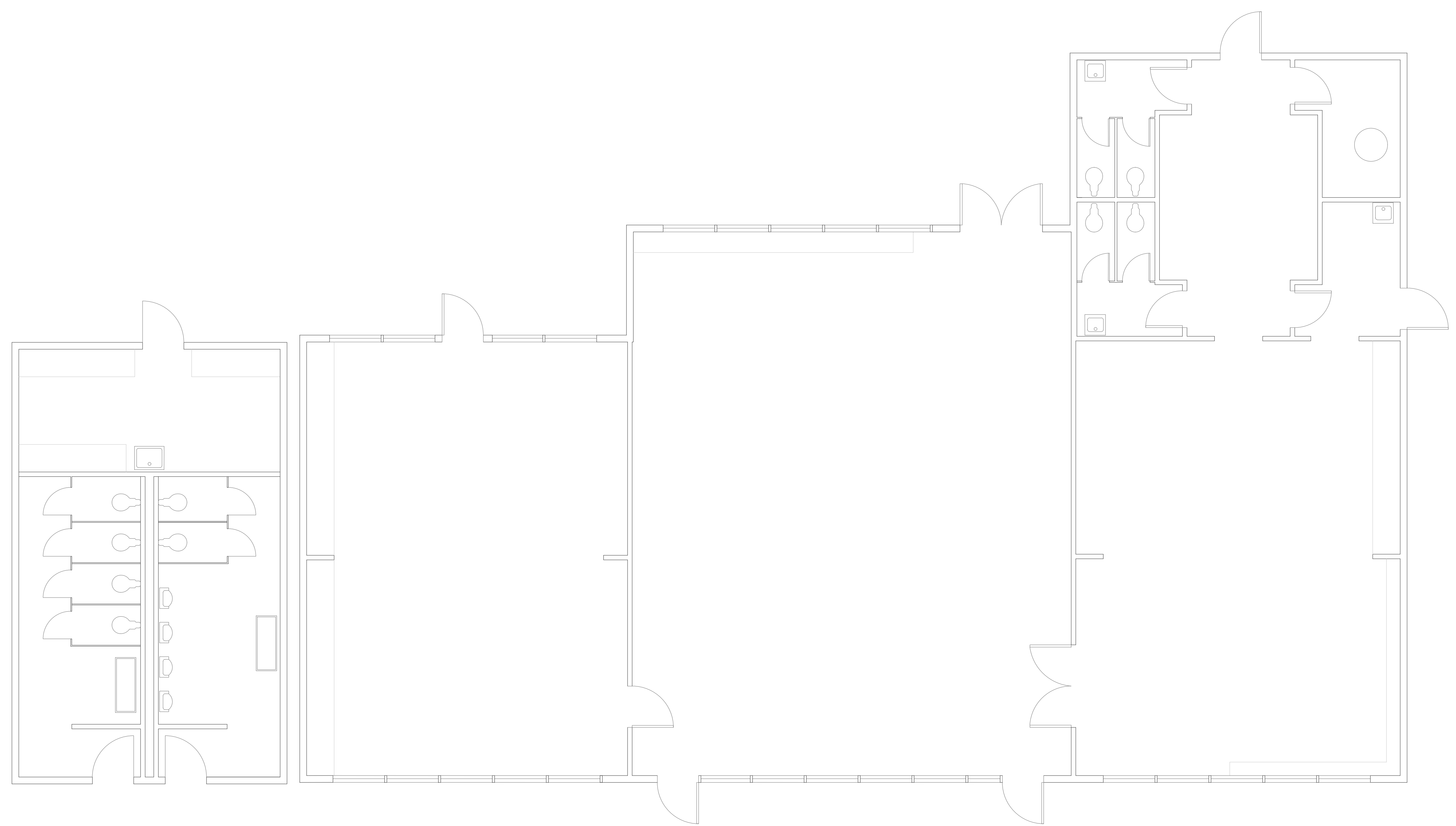
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BUILDING J FIRE ALARM DEMO PLAN

**E105**

**FIRE ALARM DEMOLITION NOTES**  
 1. REMOVE ALL EXISTING FIRE ALARM DEVICES COMPLETE.



**BUILDING J FIRE ALARM DEMOLITION PLAN**

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



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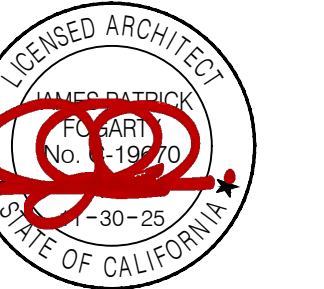


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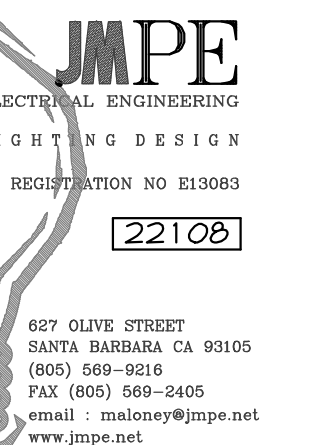
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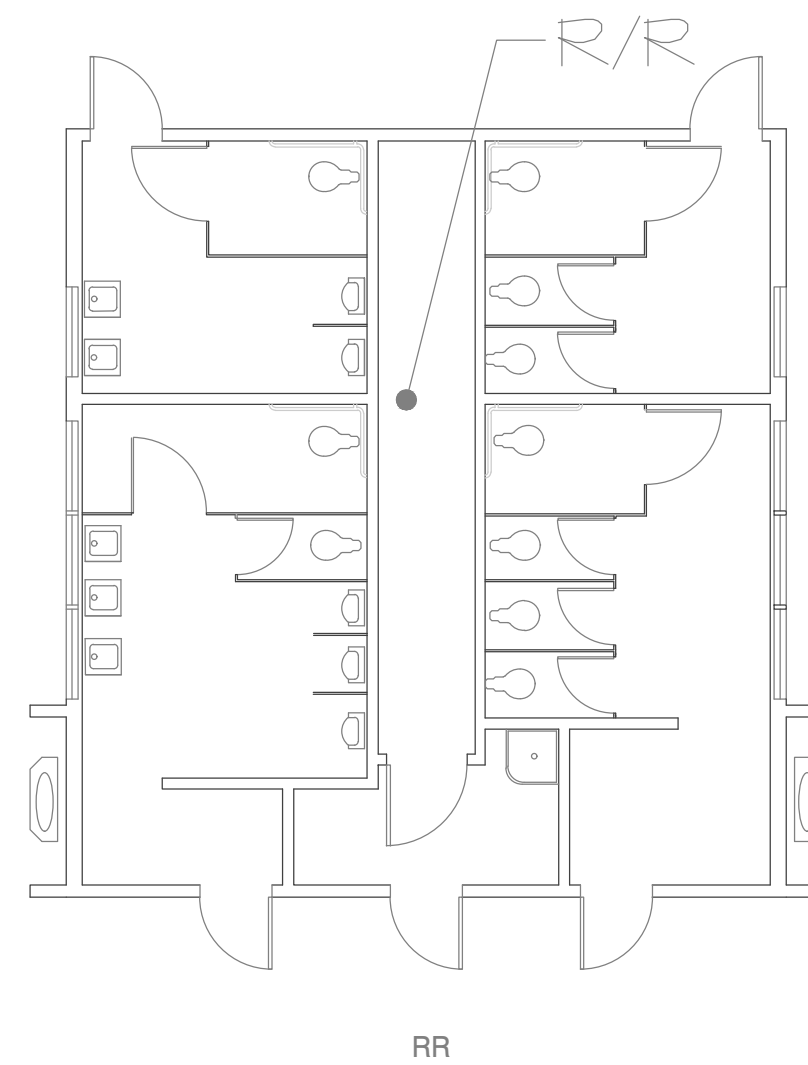
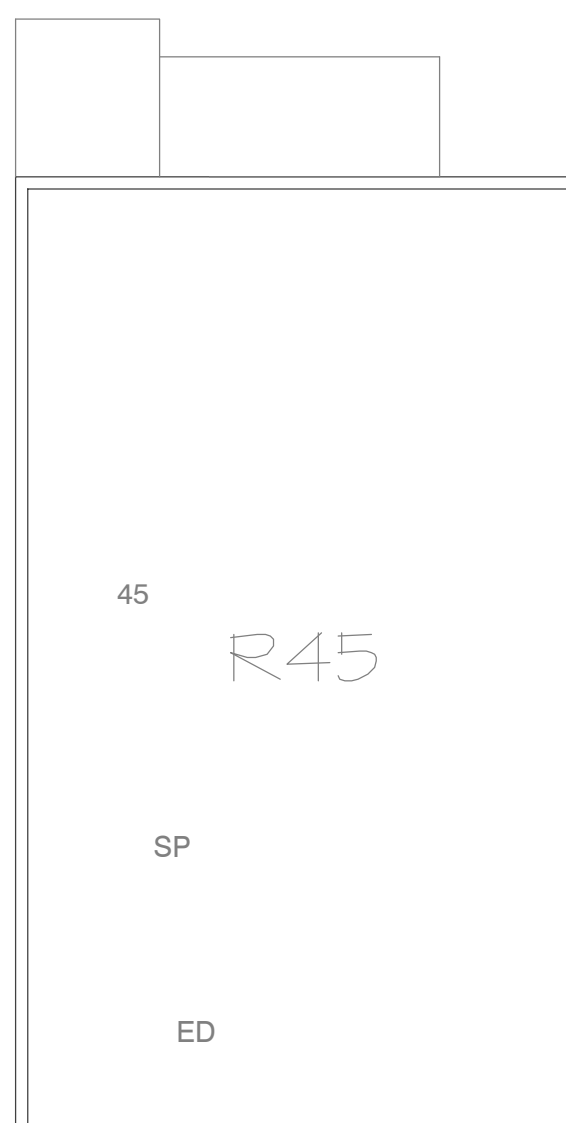
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R21-R26, R45, R28, R29 & R/R FIRE ALARM DEMO PLAN

**E106**

FIRE ALARM DEMOLITION NOTES

- REMOVE ALL EXISTING FIRE ALARM DEVICES COMPLETE.



R21-R26, R45, R28, R29 AND R/R FIRE ALARM DEMOLITION PLAN

SCALE: 1/8" = 1'-0"



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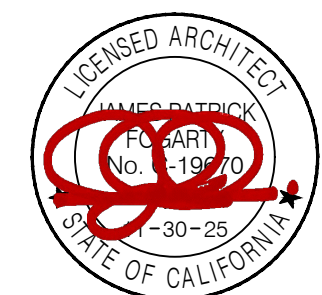


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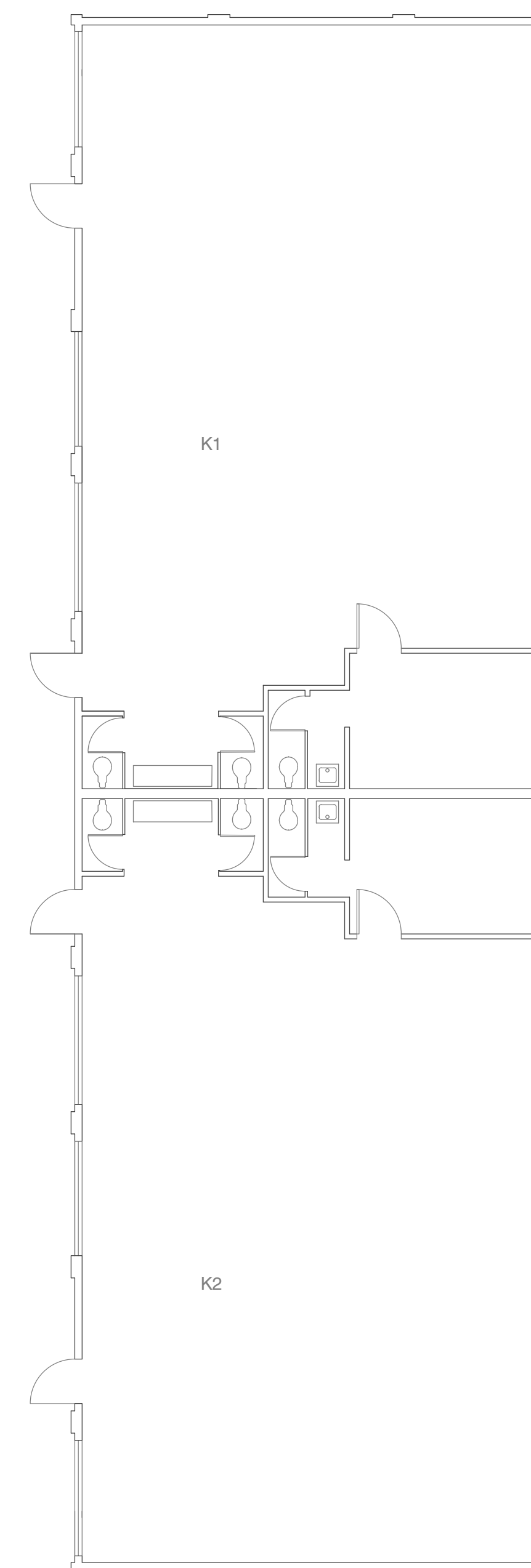
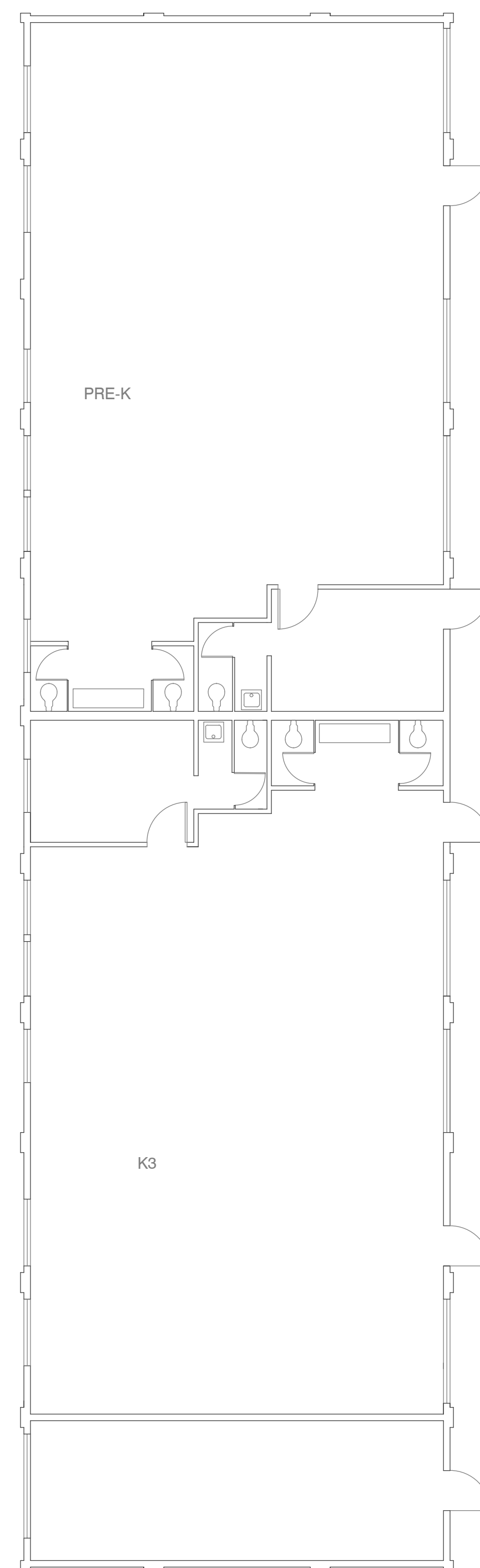
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PRE-K + KINDERGARTEN FIRE ALARM DEMOLITION PLAN

**E107**

FIRE ALARM DEMOLITION NOTES

- REMOVE ALL EXISTING FIRE ALARM DEVICES COMPLETE.



PRE-K + KINDERGARTEN FIRE ALARM DEMOLITION PLAN

SCALE: 1/8" = 1'-0"



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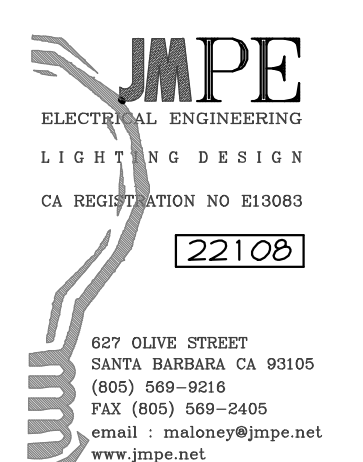
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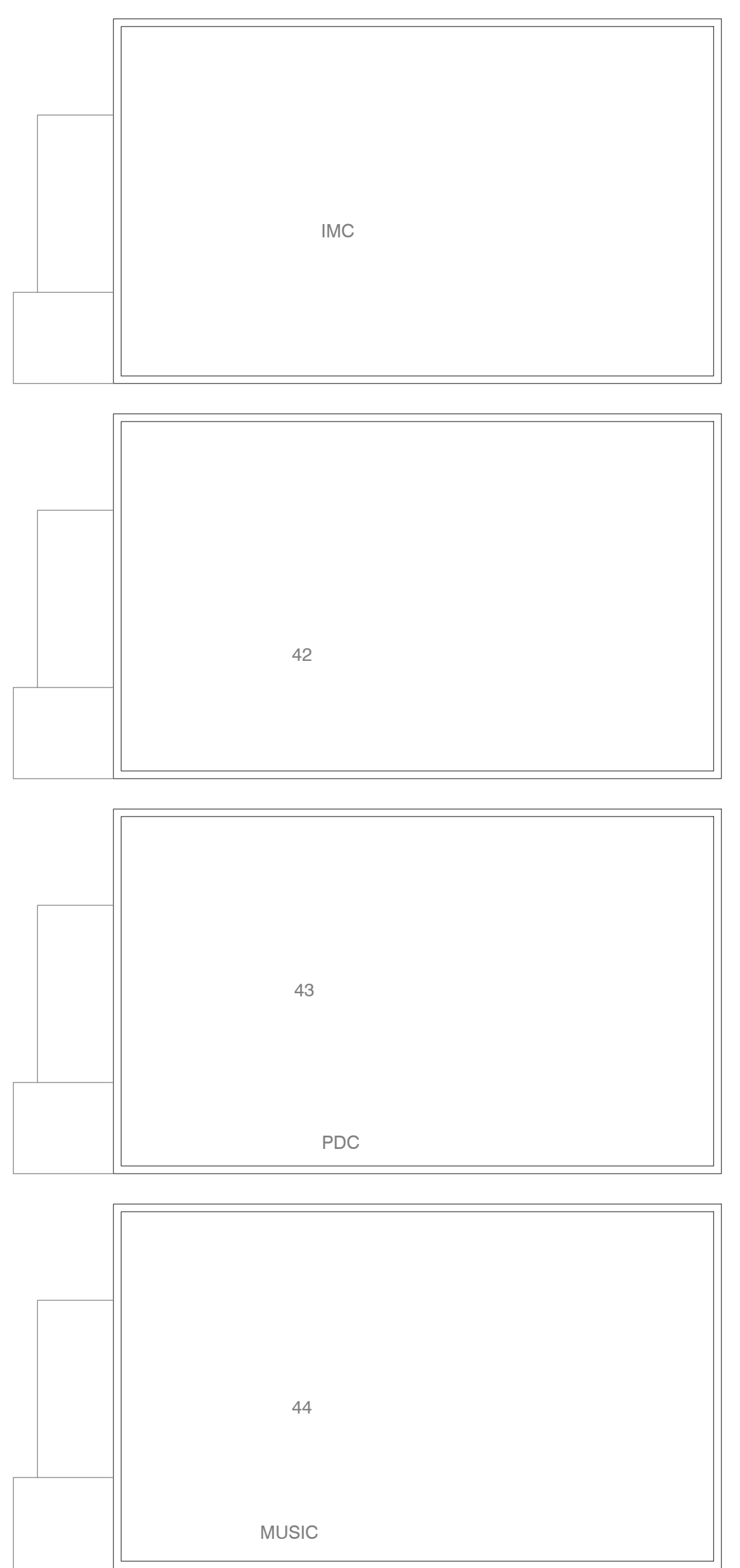
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R42-R44, IMC BLDG FIRE ALARM DEMOLITION PLAN

**E108**

FIRE ALARM DEMOLITION NOTES  
 1. REMOVE ALL EXISTING FIRE ALARM DEVICES COMPLETE.



R42-R44 & IMC BUILDING FIRE ALARM DEMOLITION PLAN  
 SCALE: 1/8" = 1'-0" NORTH

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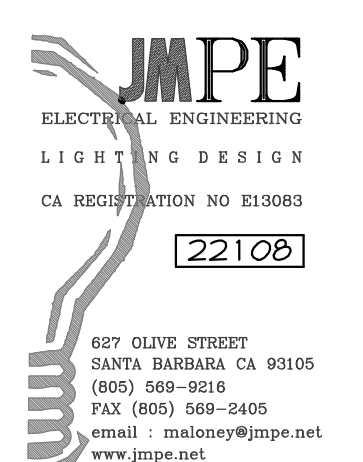
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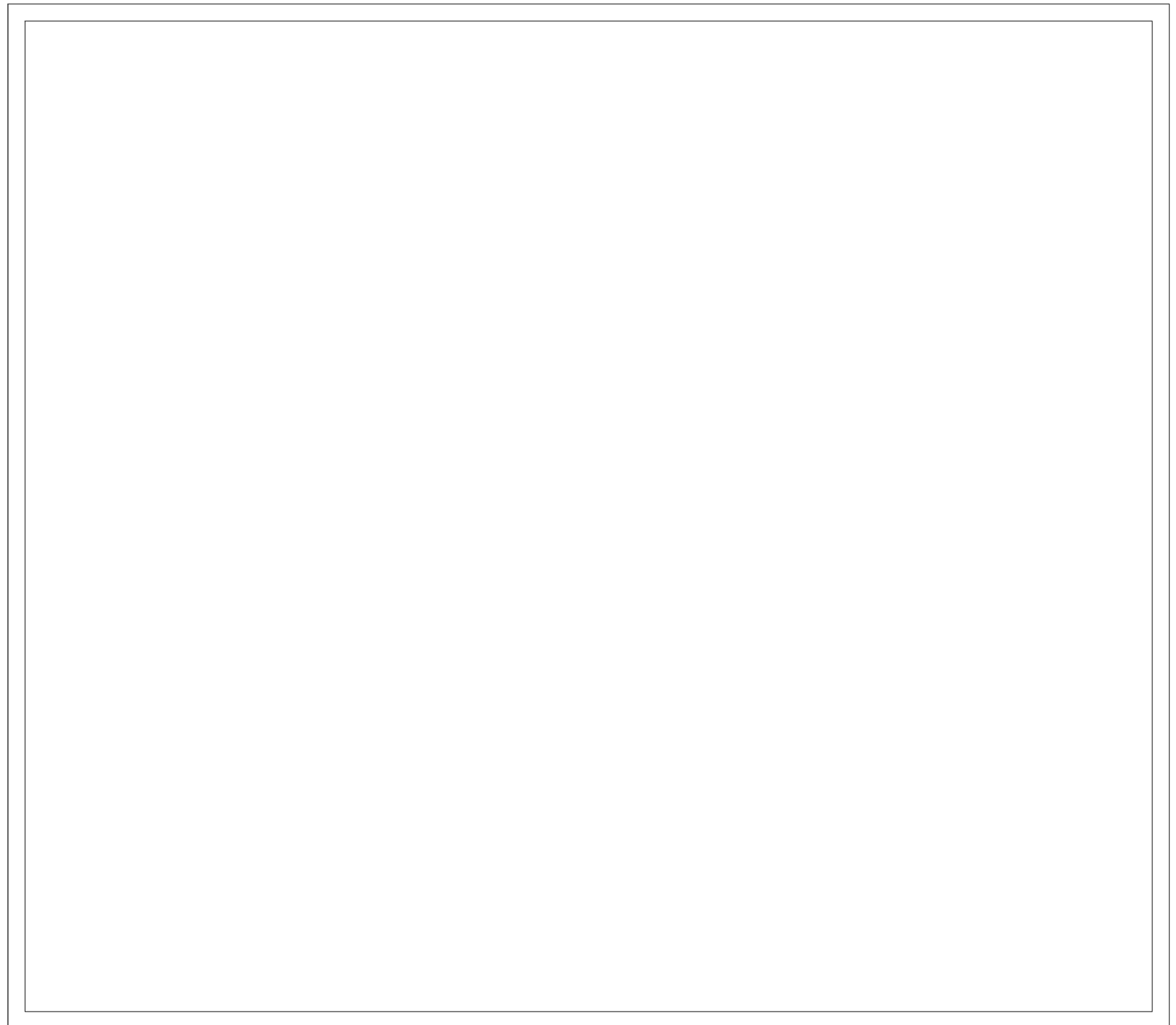
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BUILDING G FIRE ALARM DEMOLITION PLAN

**E109**

FIRE ALARM DEMOLITION NOTES

- 1. REMOVE ALL EXISTING FIRE ALARM DEVICES COMPLETE.



**BUILDING G FIRE ALARM DEMOLITION PLAN**

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









**CAMPUS HVAC  
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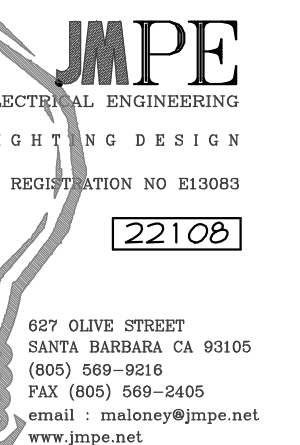
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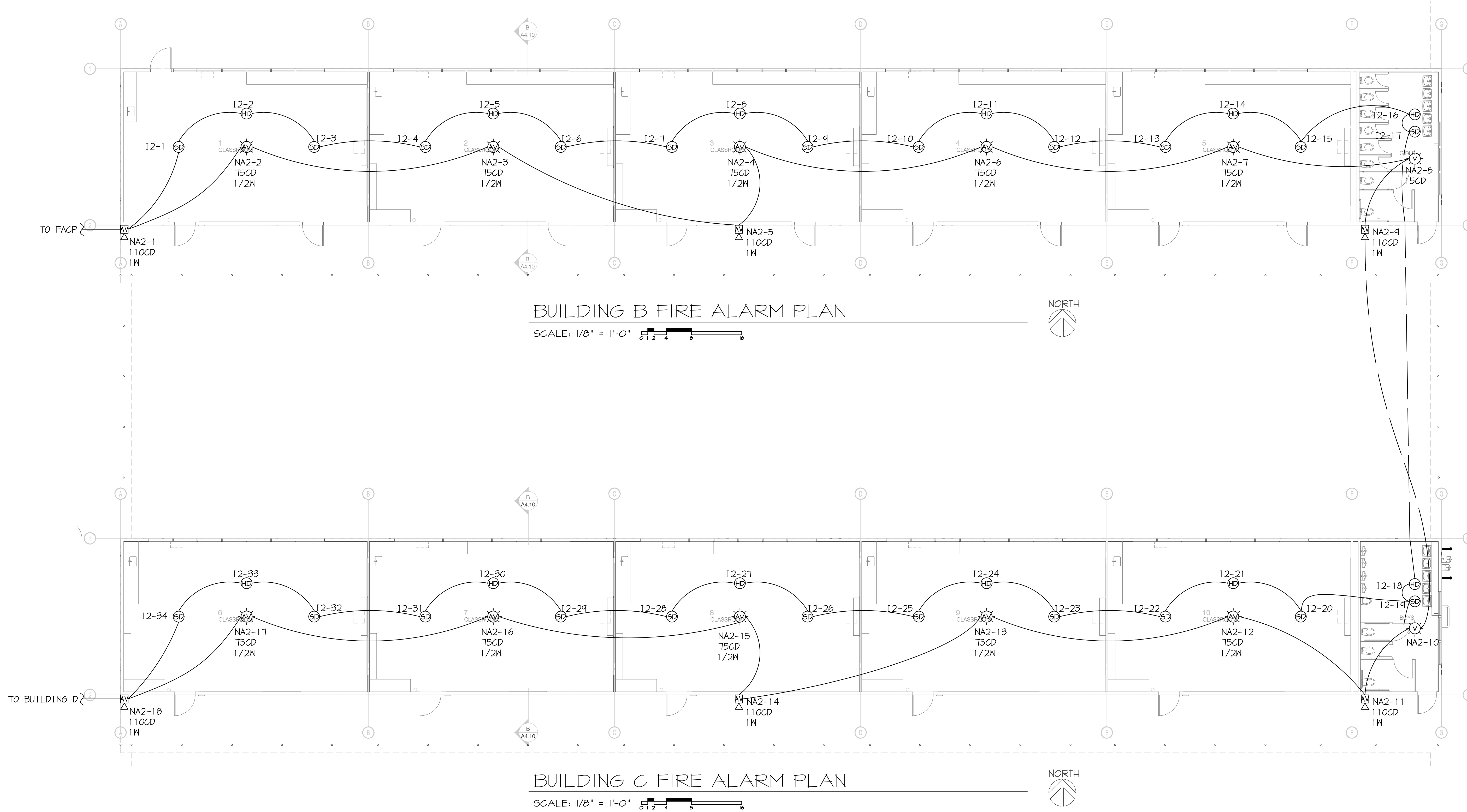
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BUILDING B&C FIRE ALARM PLAN

**E203**

**FIRE ALARM NOTES**

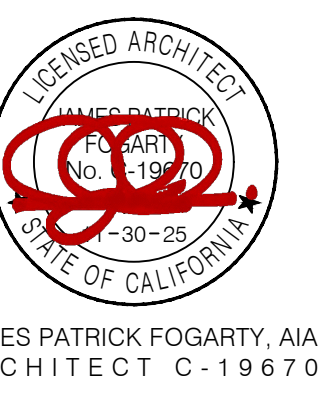
1. REUSE EXISTING FIRE ALARM CONDUIT WHERE PRACTICABLE. WHERE (N) CONDUIT IS REQUIRED, SEE DETAIL
2. COORDINATE EXACT LOCATION OF DETECTORS BASED ON FIELD CONDITIONS.
3. ALL CONDUIT SHALL BE CONCEALED, WITHIN BUILDINGS



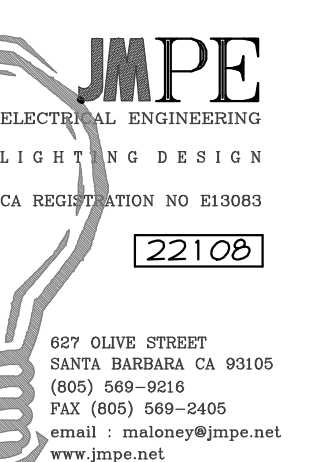
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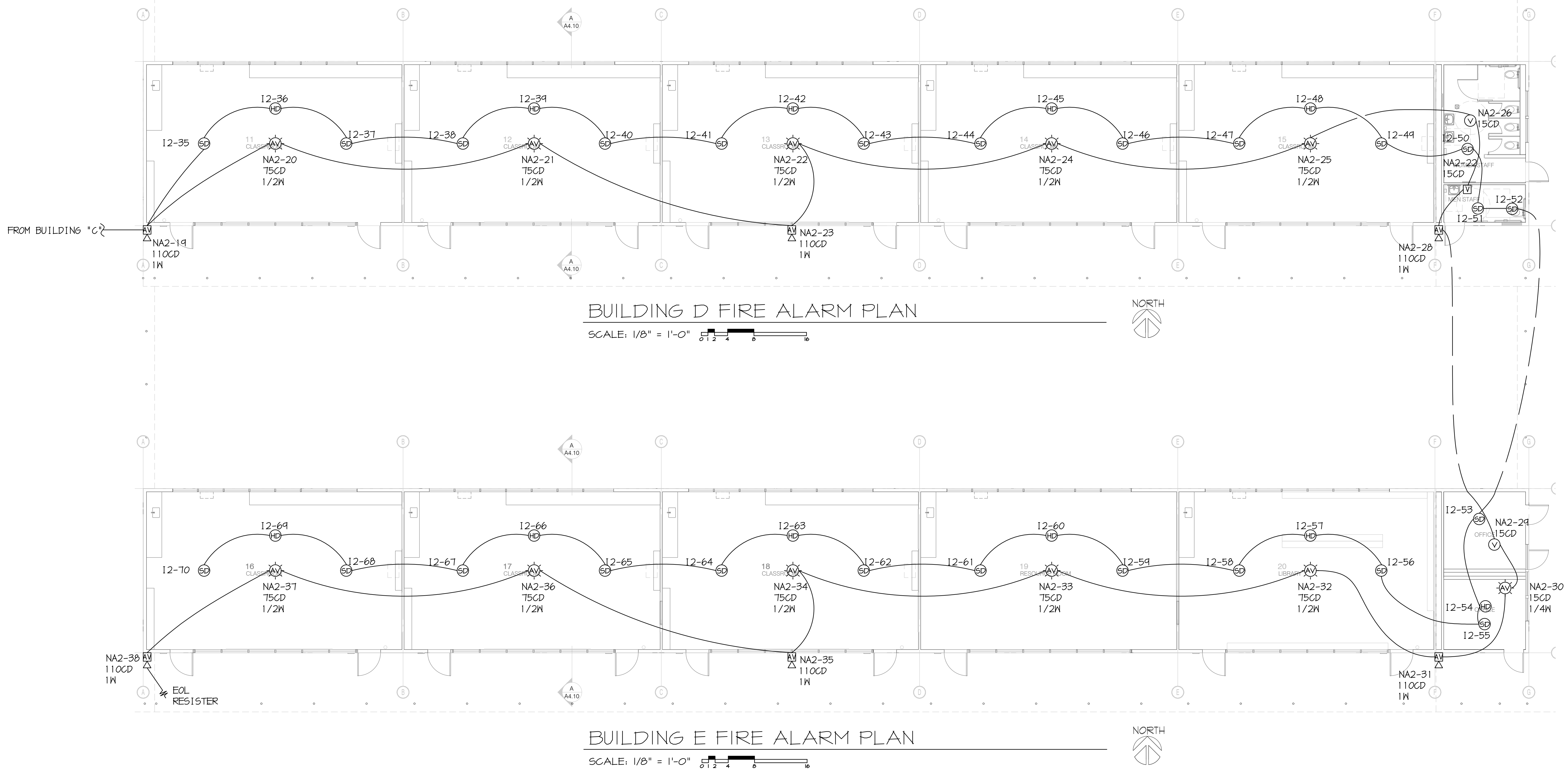
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BUILDING D&E FIRE ALARM PLAN

**E204**

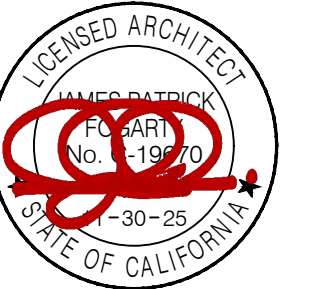
- FIRE ALARM NOTES**
1. REUSE EXISTING FIRE ALARM CONDUIT WHERE PRACTICABLE. WHERE (N) CONDUIT IS REQUIRED, SEE DETAIL
  2. COORDINATE EXACT LOCATION OF DETECTORS BASED ON FIELD CONDITIONS.
  3. ALL CONDUIT SHALL BE CONCEALED, WITHIN BUILDINGS



**CAMPUS HVAC  
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No	Date	Item

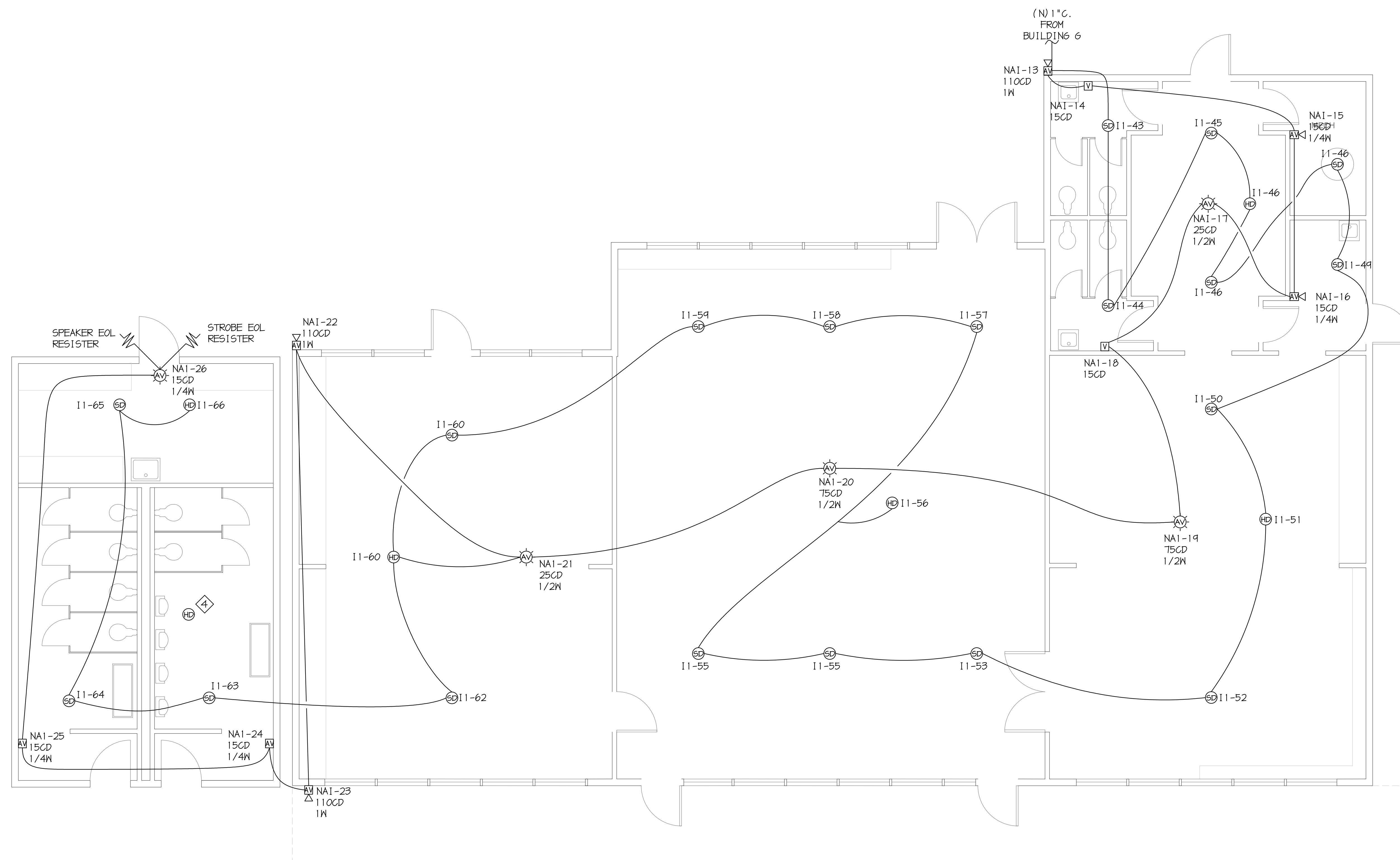
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BUILDING J  
 FIRE ALARM PLAN

**E205**

**FIRE ALARM NOTES**

1. REUSE EXISTING FIRE ALARM CONDUIT WHERE PRACTICABLE. WHERE (N) CONDUIT IS REQUIRED, SEE DETAIL (F) E205.
  2. COORDINATE EXACT LOCATION OF DETECTORS BASED ON FIELD CONDITIONS.
  3. ALL CONDUIT SHALL BE CONCEALED, WITHIN BUILDINGS.
- ◇ INSTALL ACCESS PANEL SEE ARCH DETAIL (B) E207 SEE SPECIFICATION 083113.



**BUILDING J FIRE ALARM PLAN**

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



**CAMPUS HVAC  
 SYSTEM UPGRADE  
 &  
 SITE IMPROVEMENTS**

**Mt Vernon  
 Elementary School**

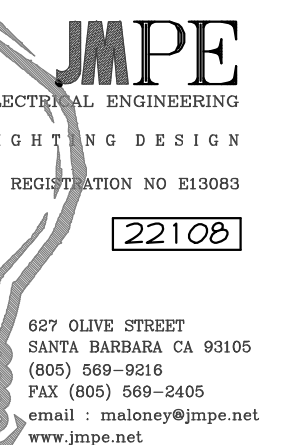
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ARCHITECT



JAMES PATRICK FOGARTY, AIA  
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**PROJECT INFO**

Project No	566-0015
Date	10.12.23
DSA File No	15-6
DSA No	03-122659

**REVISIONS**


No	Date	Item

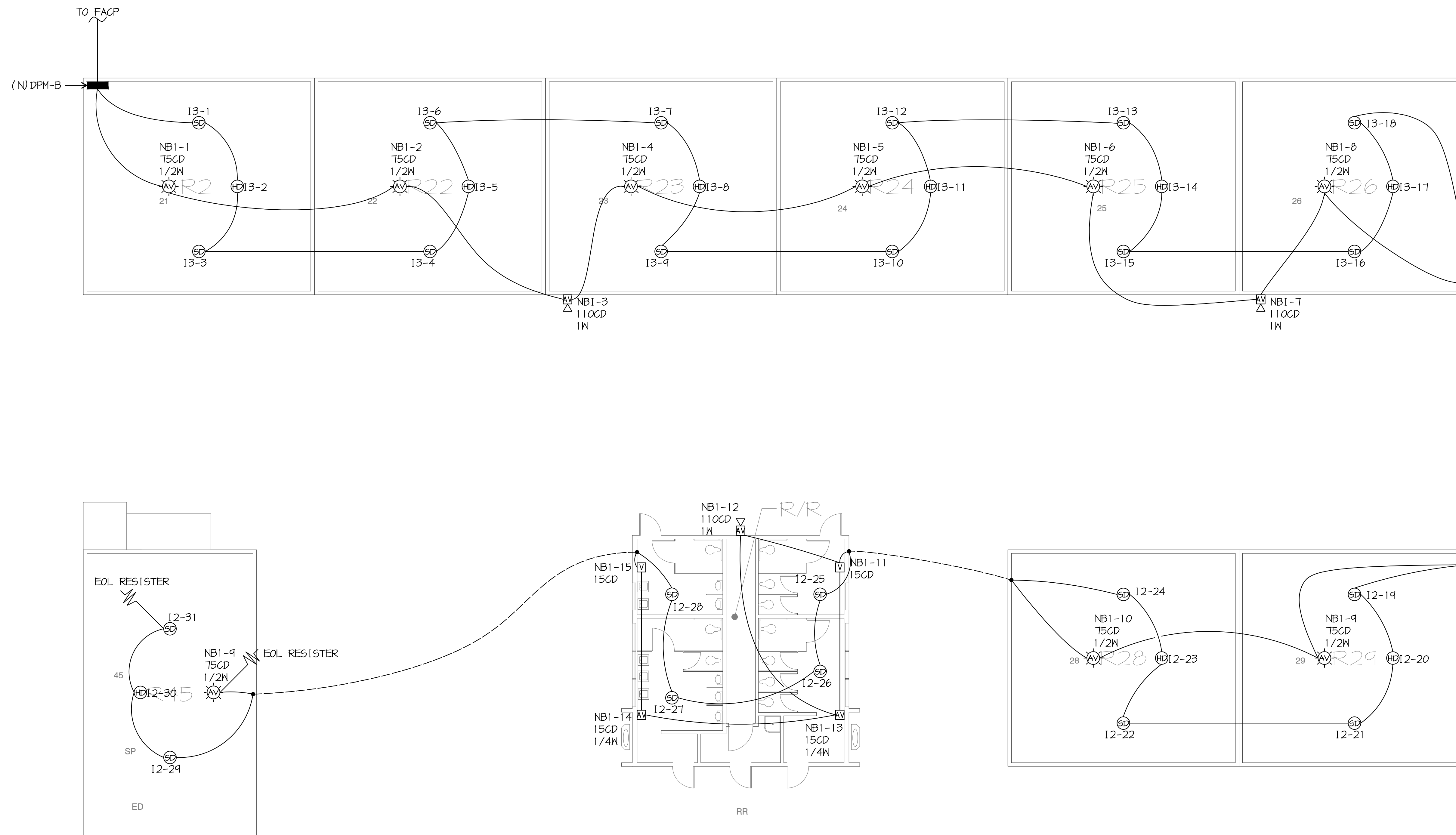
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R21-R26, R45, R28, R29 & R/R FIRE ALARM PLAN

**E206**

**FIRE ALARM NOTES**

1. REUSE EXISTING FIRE ALARM CONDUIT WHERE PRACTICABLE. WHERE (N) CONDUIT IS REQUIRED, SEE DETAIL 
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3. ALL CONDUIT SHALL BE CONCEALED, WITHIN BUILDINGS



R21-R26, R45, R28, R29 & R/R FIRE ALARM PLAN

SCALE: 1/8" = 1'-0"



**CAMPUS HVAC  
 SYSTEM UPGRADE  
 &  
 SITE IMPROVEMENTS**

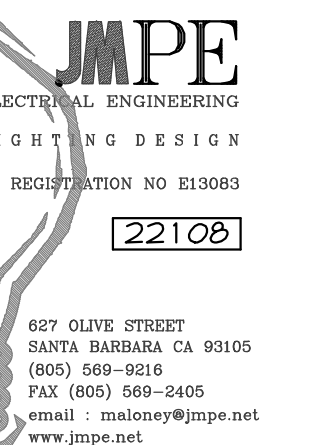
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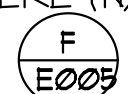
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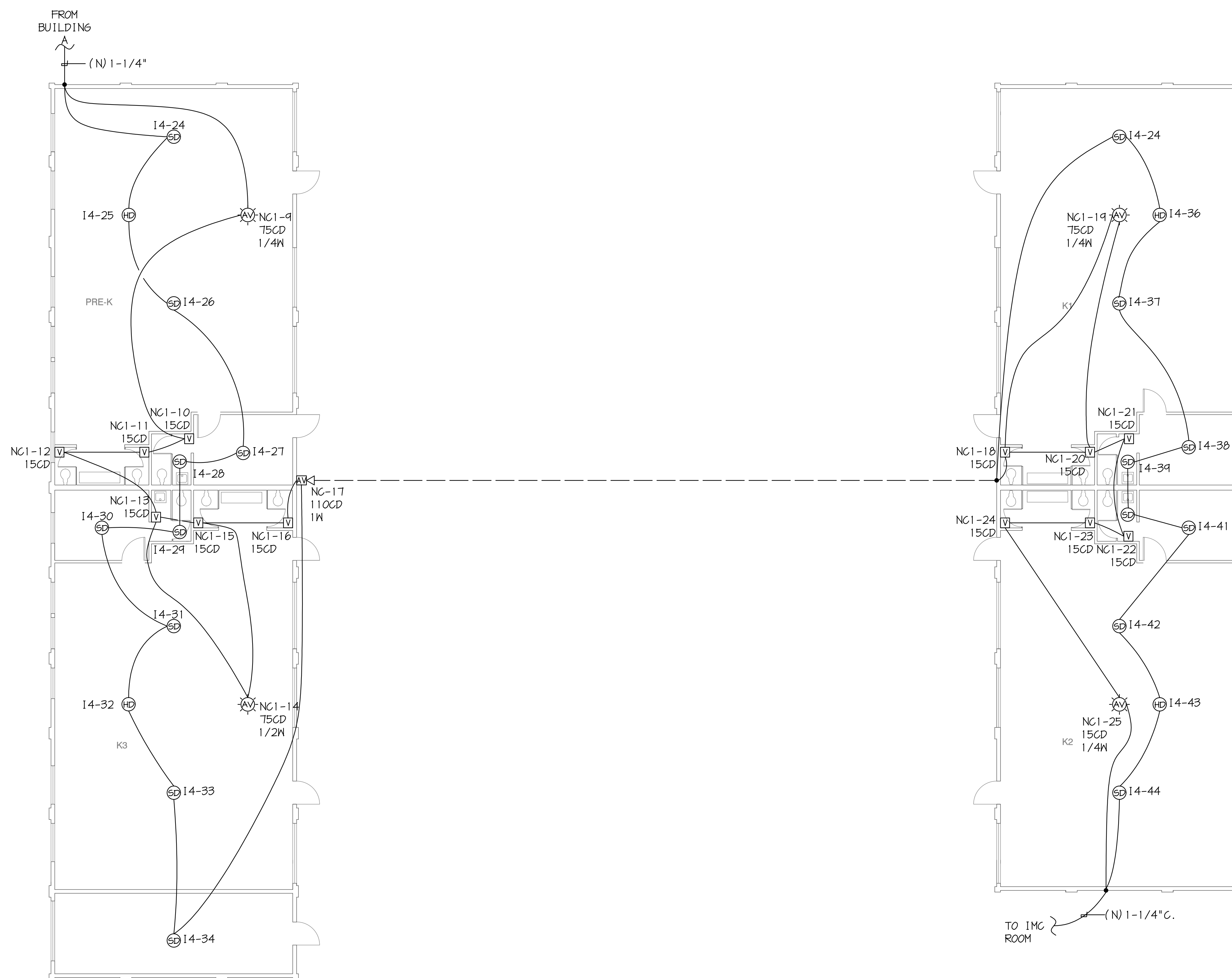
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PRE-K + KINDERGARTEN FIRE ALARM PLAN

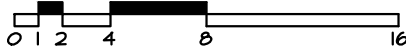
**E207**

**FIRE ALARM NOTES**

1. REUSE EXISTING FIRE ALARM CONDUIT WHERE PRACTICABLE. WHERE (N) CONDUIT IS REQUIRED, SEE DETAIL 
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3. ALL CONDUIT SHALL BE CONCEALED, WITHIN BUILDINGS



**PRE-K + KINDERGARTEN FIRE ALARM PLAN**

SCALE: 1/8" = 1'-0" 



**CAMPUS HVAC  
 SYSTEM UPGRADE  
 &  
 SITE IMPROVEMENTS**

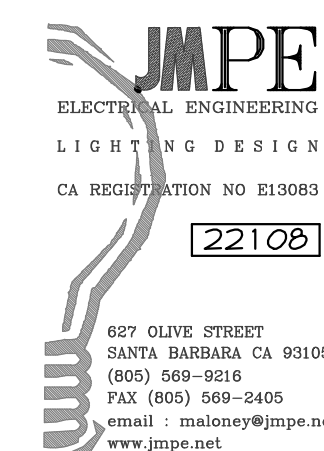
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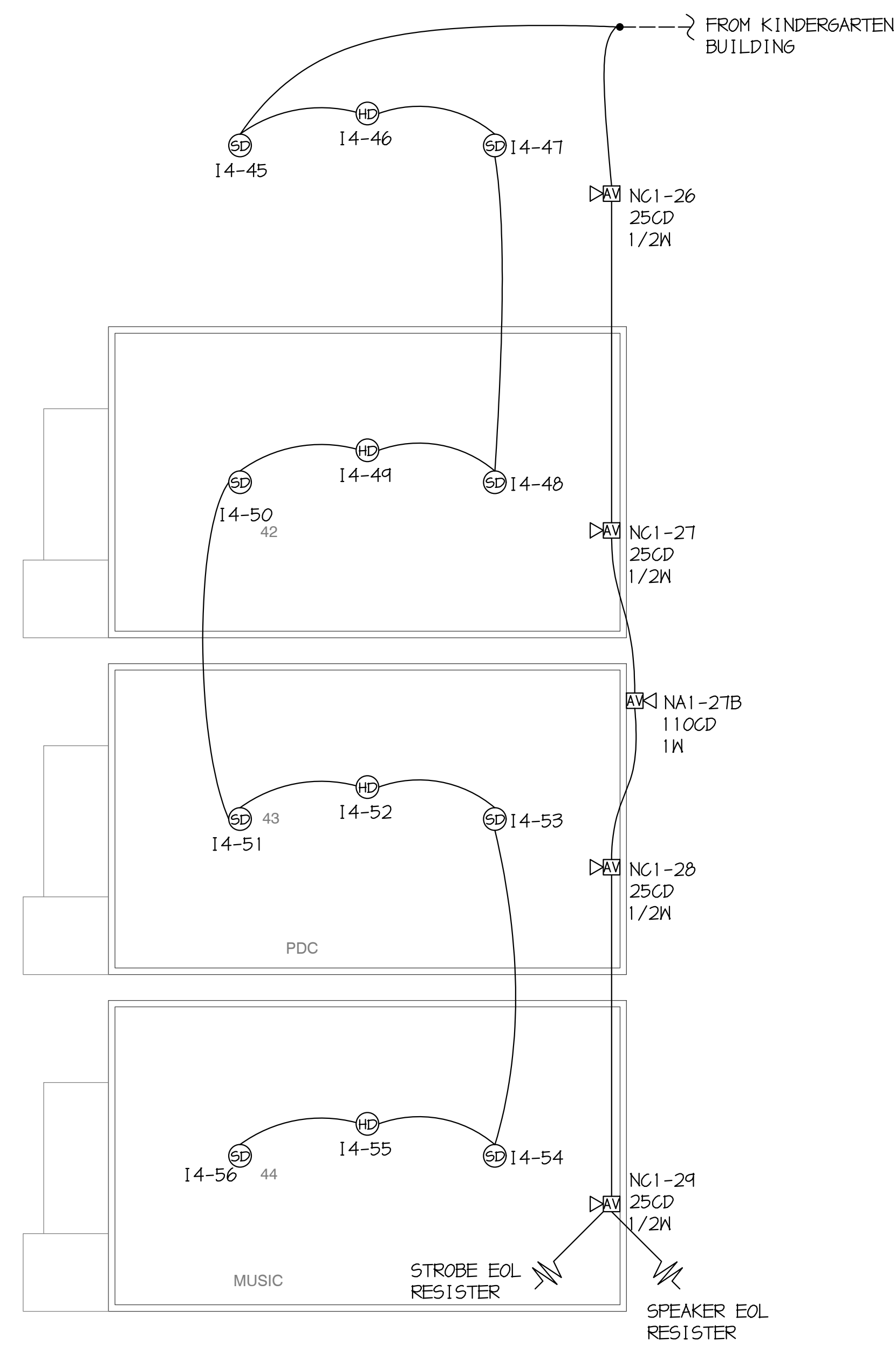
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R42-R44, IMC BLDG FIRE ALARM PLAN

**E208**

FIRE ALARM NOTES

1. REUSE EXISTING FIRE ALARM CONDUIT WHERE PRACTICABLE. WHERE (N) CONDUIT IS REQUIRED, SEE DETAIL 
2. COORDINATE EXACT LOCATION OF DETECTORS BASED ON FIELD CONDITIONS.
3. ALL CONDUIT SHALL BE CONCEALED, WITHIN BUILDINGS



R42-R44, IMC BUILDING FIRE ALARM PLAN

SCALE: 1/8" = 1'-0"





**CAMPUS HVAC  
 SYSTEM UPGRADE  
 &  
 SITE IMPROVEMENTS**

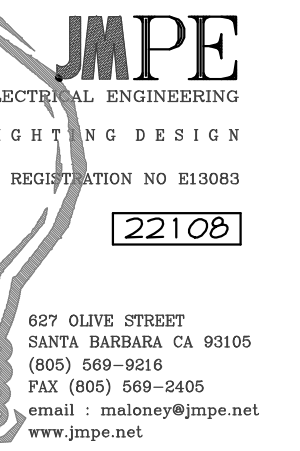
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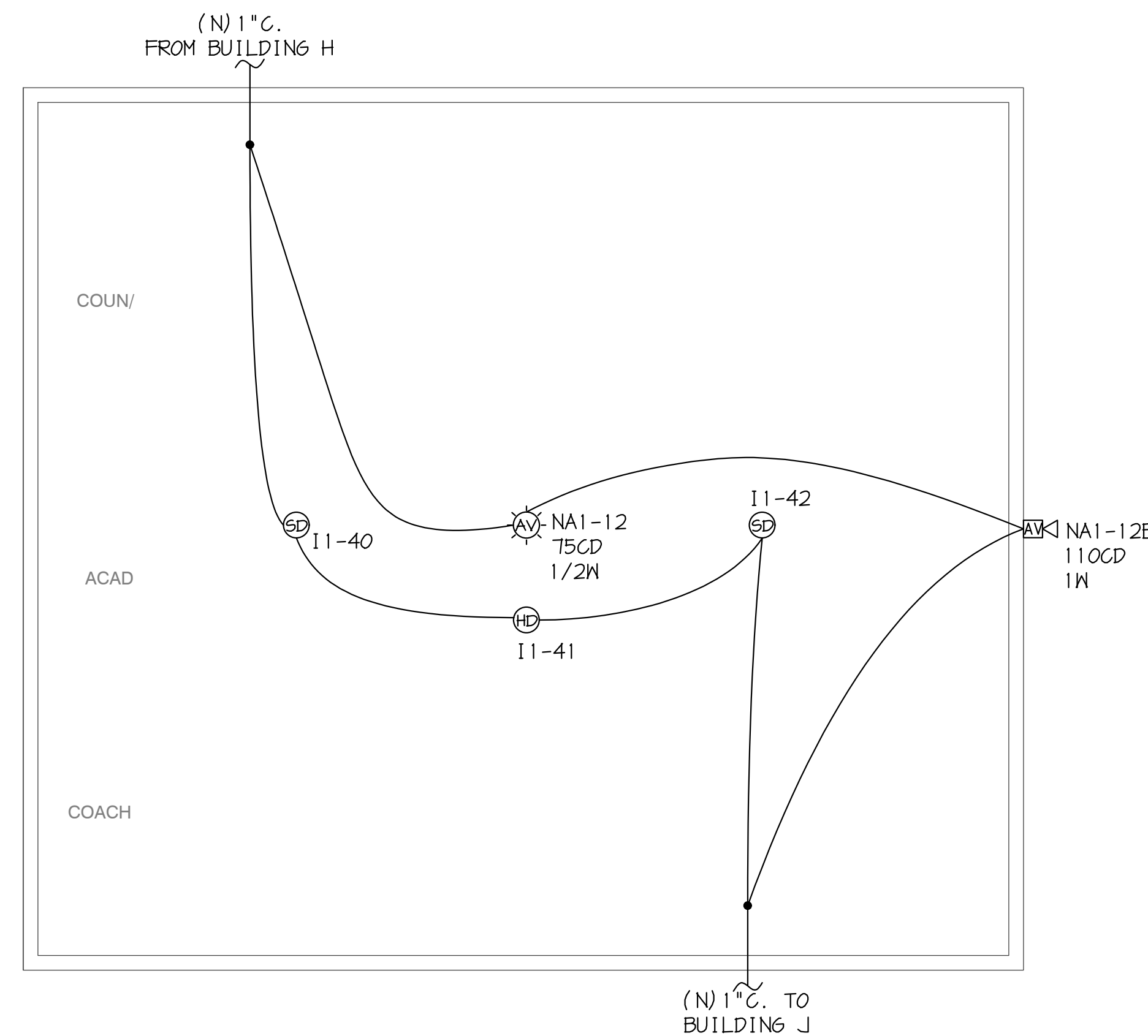
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BUILDING G FIRE ALARM PLAN

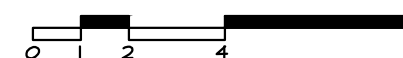
**E209**

FIRE ALARM NOTES

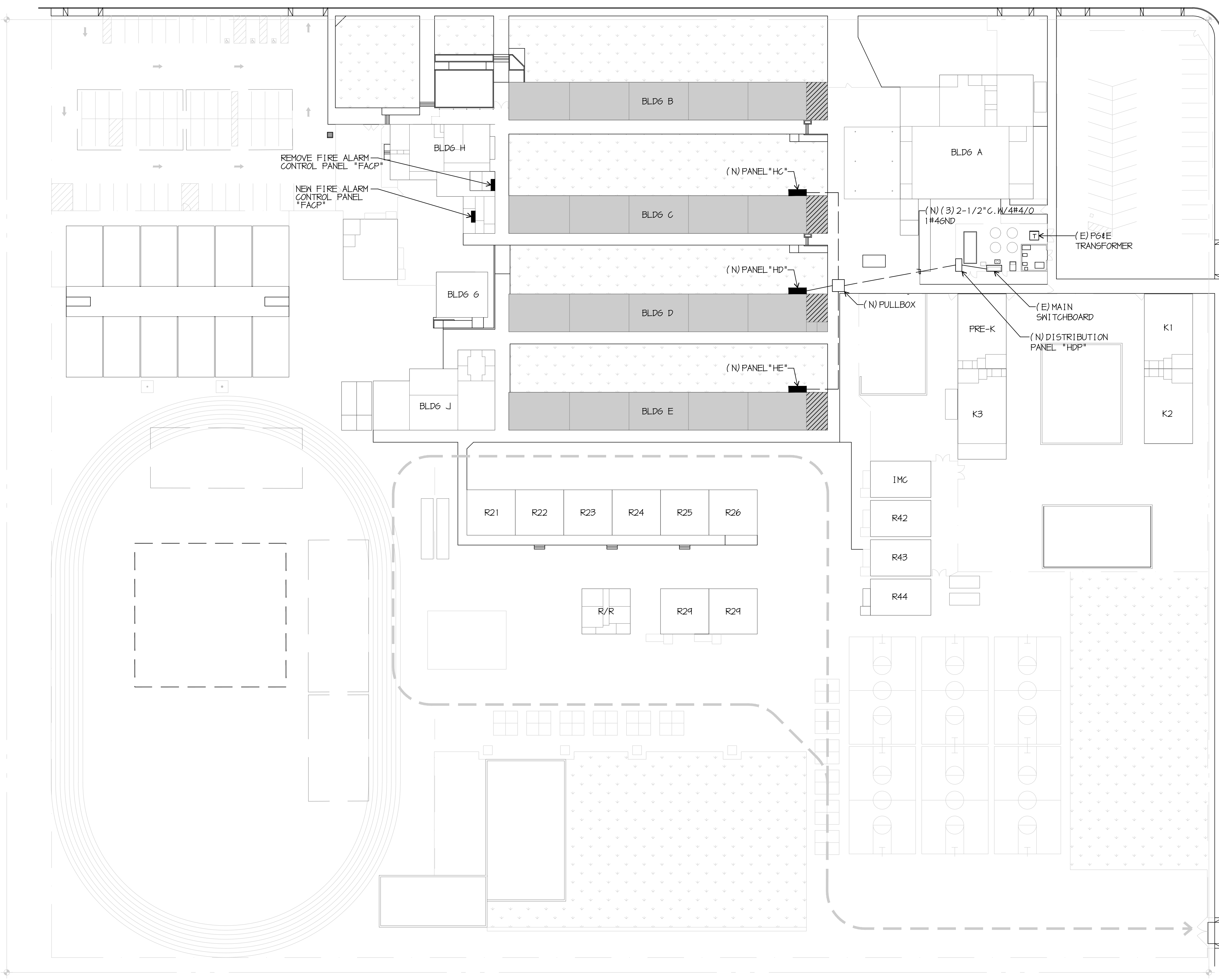
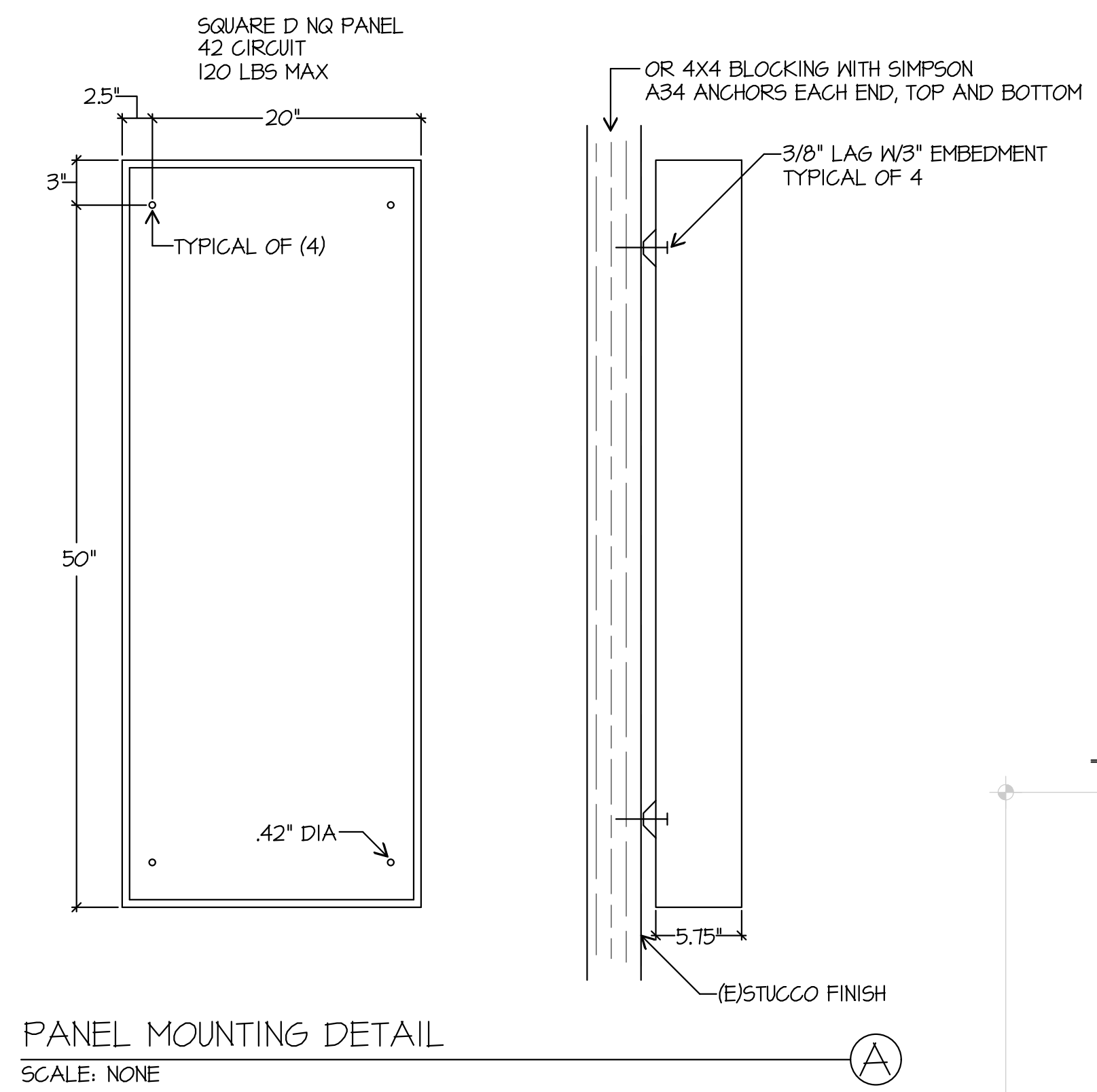
1. REUSE EXISTING FIRE ALARM CONDUIT WHERE PRACTICABLE. WHERE (N) CONDUIT IS REQUIRED, SEE DETAIL 
2. COORDINATE EXACT LOCATION OF DETECTORS BASED ON FIELD CONDITIONS.
3. ALL CONDUIT SHALL BE CONCEALED, WITHIN BUILDINGS



BUILDING G FIRE ALARM PLAN

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





ELECTRICAL SITE PLAN  
SCALE: 1/32" = 1'-0"

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SYSTEM UPGRADE  
&  
SITE IMPROVEMENTS

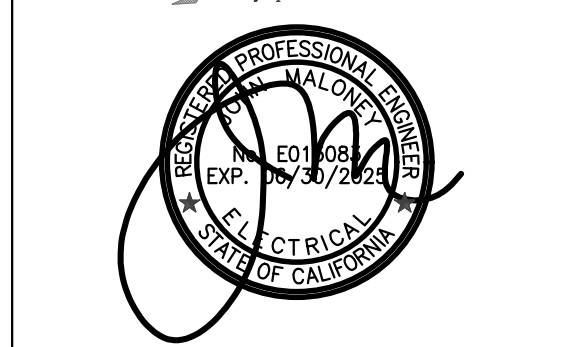
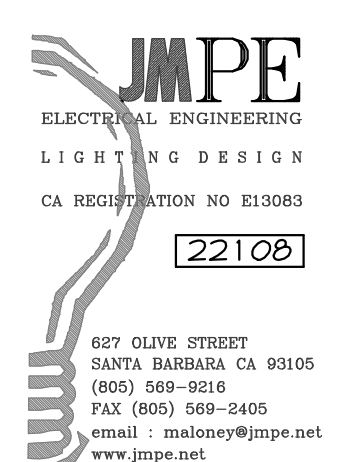
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Elementary School  
2161 Potomac Ave, Bakersfield, CA 93307  
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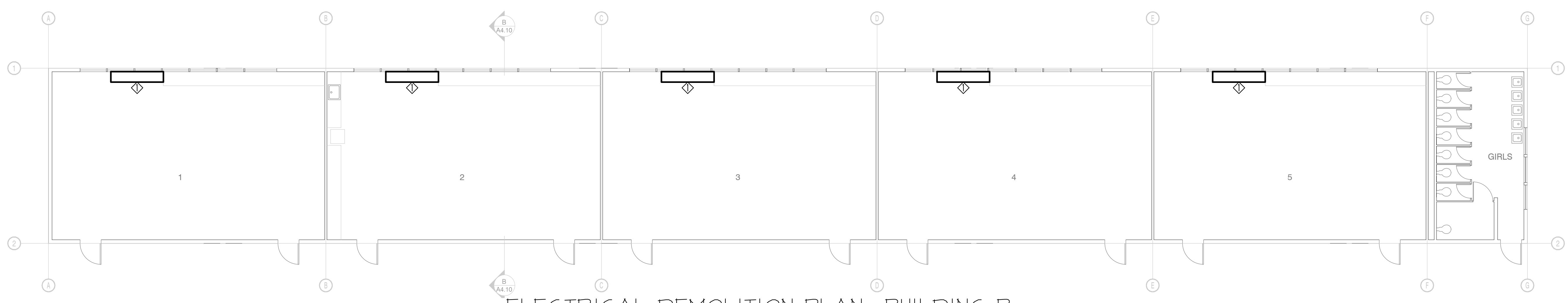
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ELECTRICAL SITE PLAN

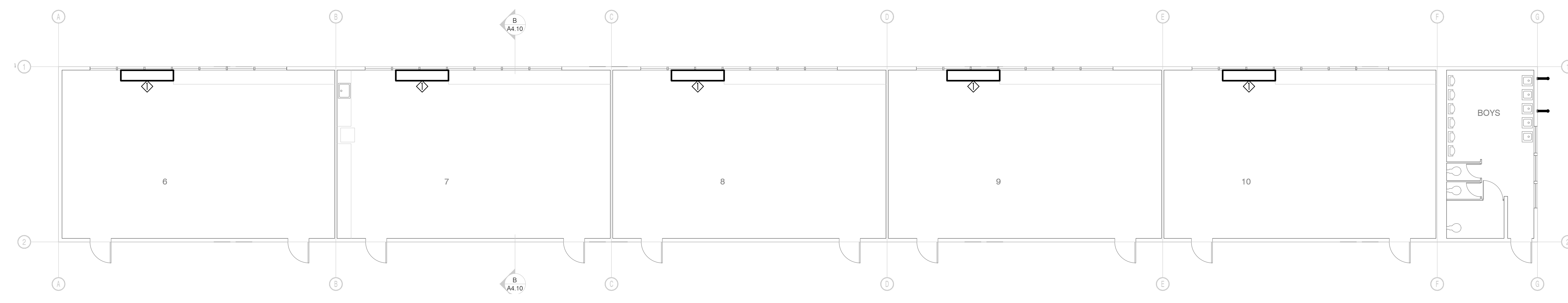
E-300

**ELECTRICAL NOTES**  
 UNIT VENTILATORS TO BE REMOVED. ALL CONDUCTORS TO BE REMOVED BACK TO PANEL.

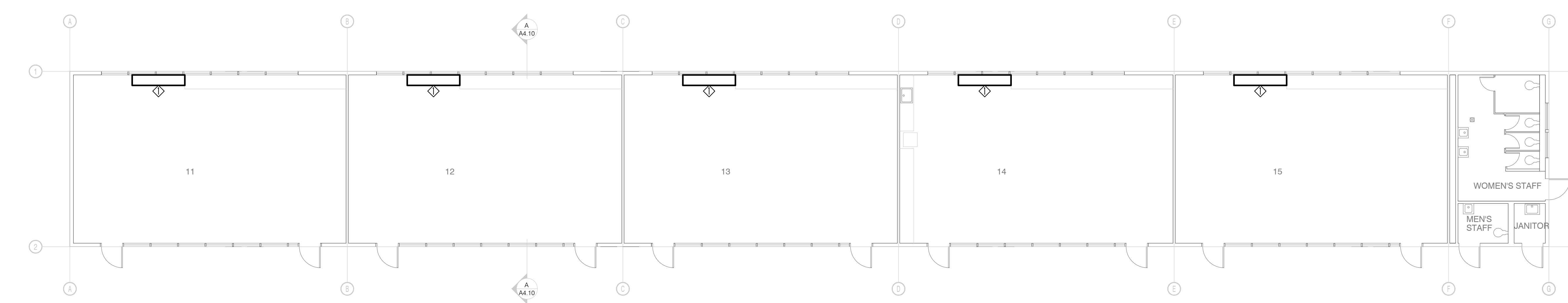
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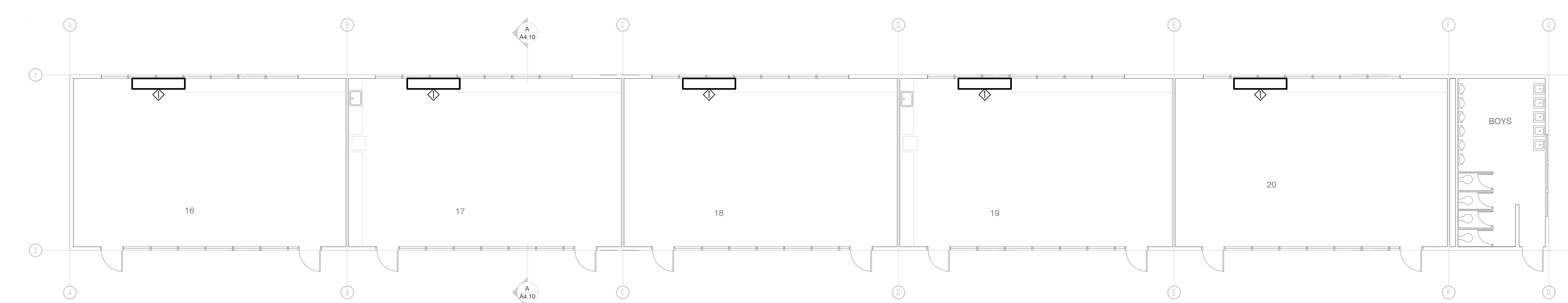
ELECTRICAL DEMOLITION PLAN -BUILDING B



ELECTRICAL DEMOLITION PLAN -BUILDING C



ELECTRICAL DEMOLITION PLAN -BUILDING D



ELECTRICAL DEMOLITION PLAN -BUILDING E



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 web|www.aparchitects.net

**CAMPUS HVAC  
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 &  
 SITE IMPROVEMENTS**

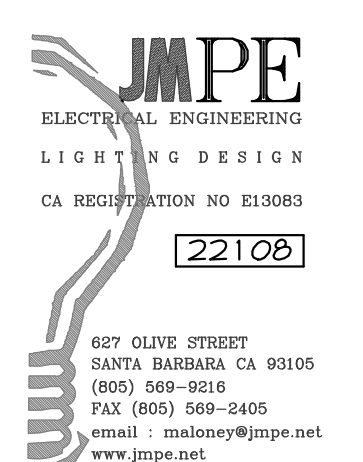
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 Elementary School**  
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 Bakersfield City School District

ARCHITECT



JAMES PATRICK FOGARTY, AIA  
 ARCHITECT C-196670

CONSULTANT



PROJECT INFO

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DSA File No	15-6
DSA No	03-122659

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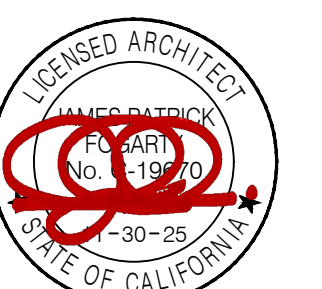
ELECTRICAL DEMOLITION PLANS

**E301**

**CAMPUS HVAC  
 SYSTEM UPGRADE  
 &  
 SITE IMPROVEMENTS**

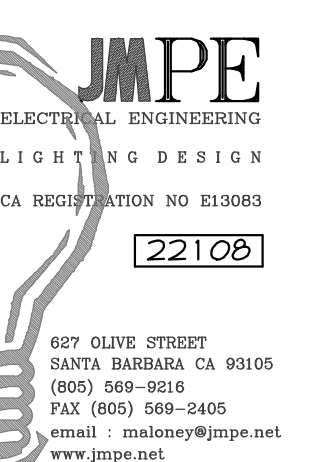
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 2161 Potomac Ave. Bakersfield, CA 93307  
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 ARCHITECT C-19670

CONSULTANT



JMPE  
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 LIGHT & DESIGN  
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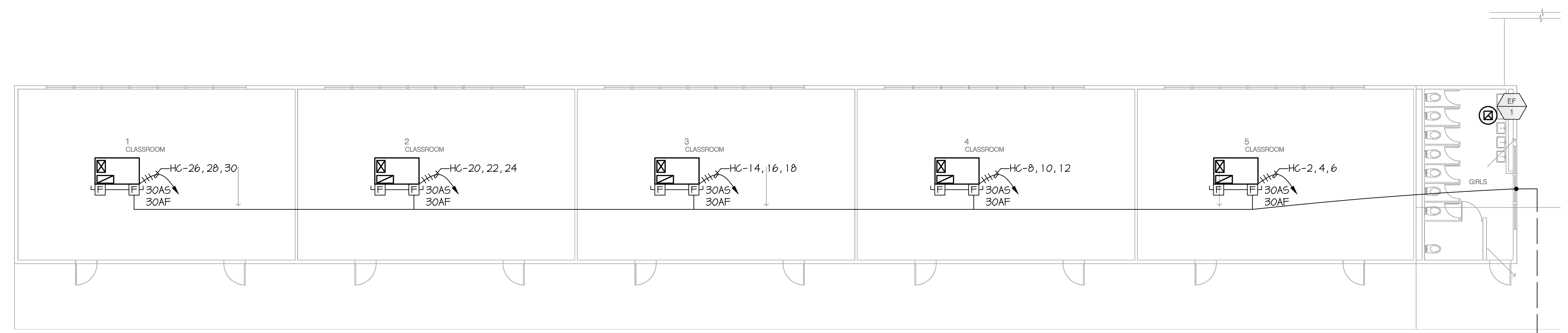
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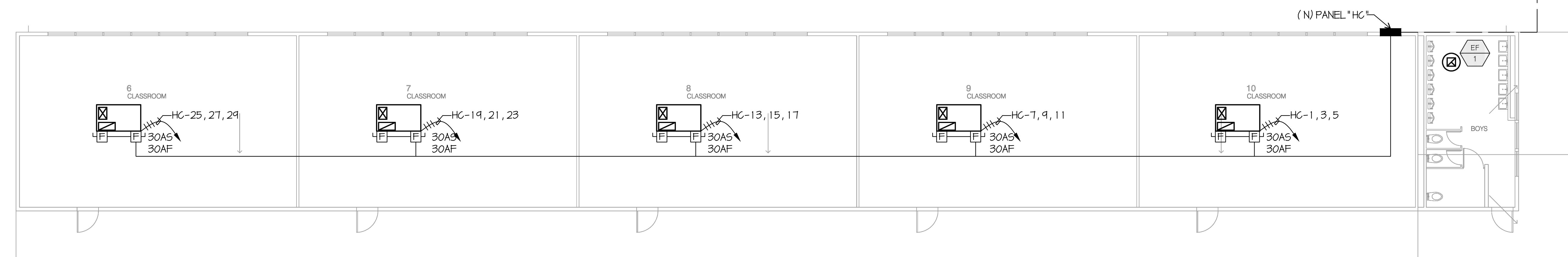
ELECTRICAL ROOF PLAN

**E303**

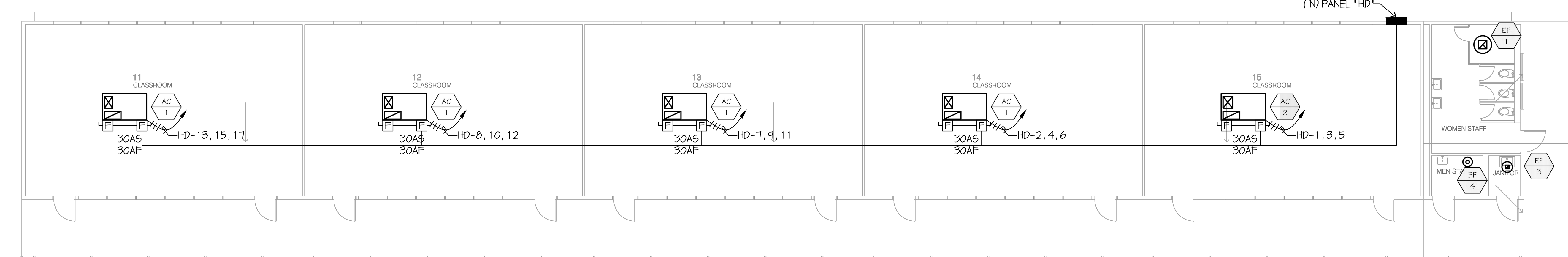
**ELECTRICAL NOTES**  
 1. ROOFTOP CONDUIT TO BE INSTALLED ON DURA-BLOCK. SEE DETAIL E-203



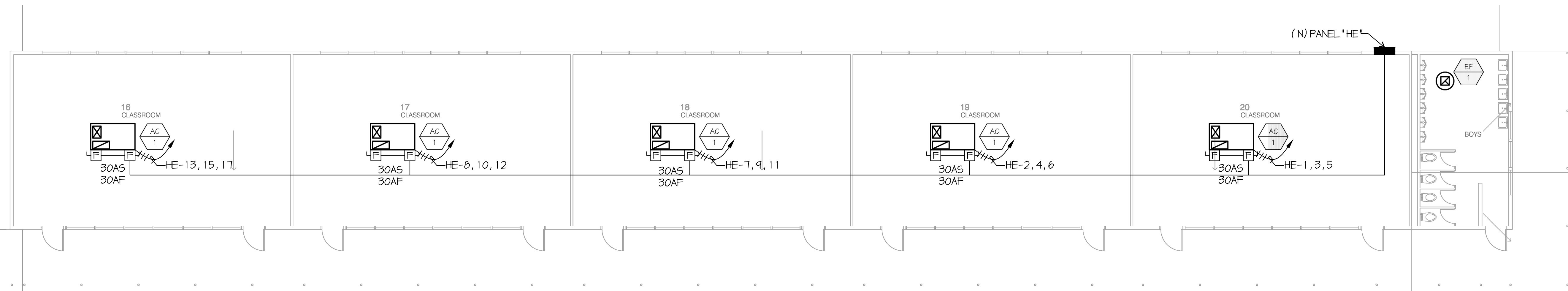
ELECTRICAL ROOF PLAN-BUILDING B



ELECTRICAL ROOF PLAN-BUILDING C



ELECTRICAL ROOF PLAN-BUILDING E



ELECTRICAL ROOF PLAN-BUILDING E

**LIGHTING DEMOLITION NOTES**

- ◇ REMOVE EXISTING LIGHTING COMPLETE
- ◇ EXISTING LIGHTING TO REMAIN IN THIS SPACE

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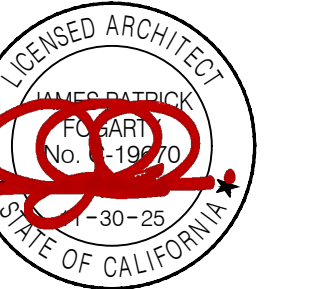


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**CAMPUS HVAC  
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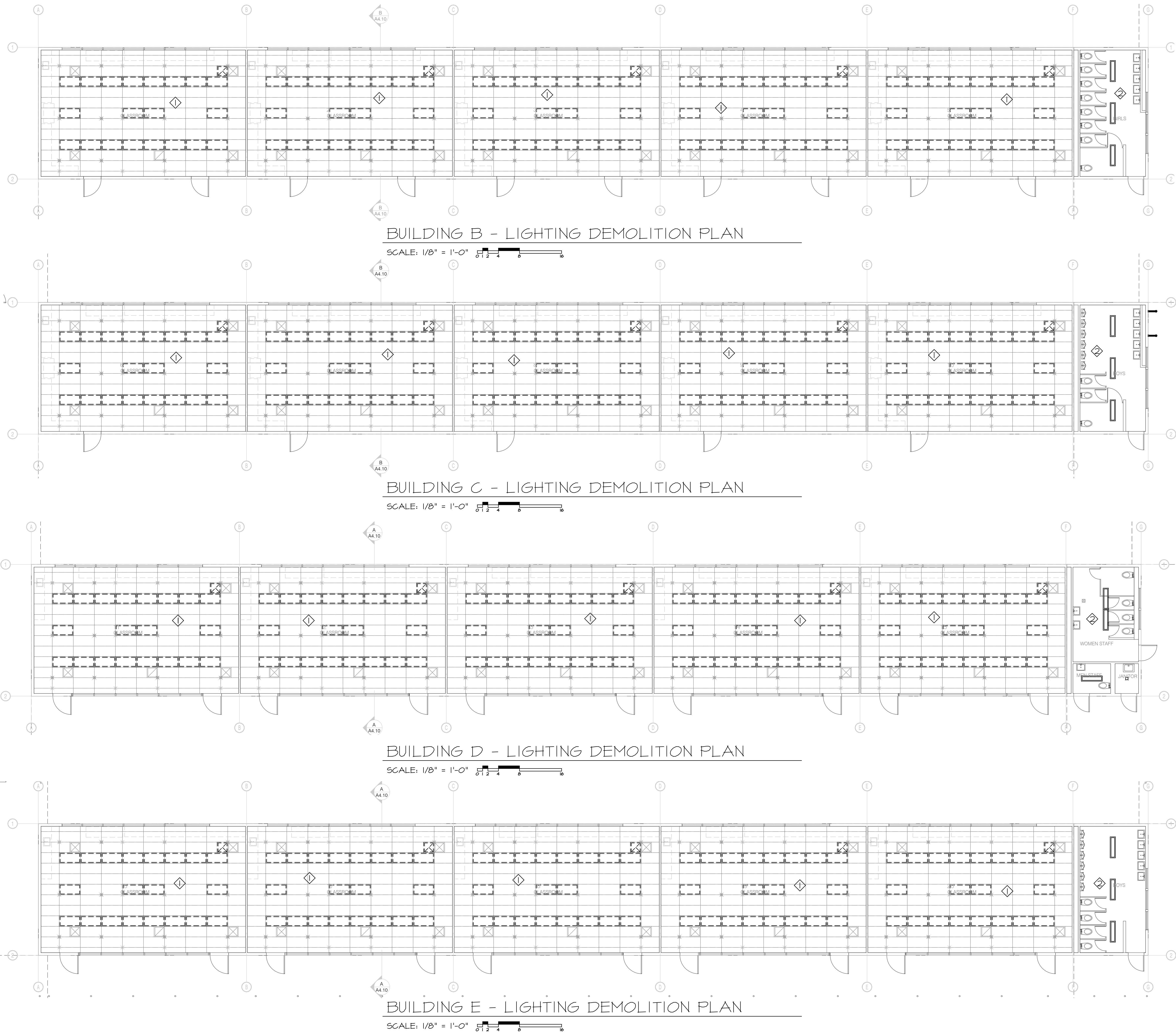
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BLDGS A,B,C,D LIGHTING  
 DEMOLITION PLANS

**E500**



LIGHTING DEMOLITION NOTES

- 1 CONNECT NON LIGHTS TO EXISTING CIRCUIT & CONTROL
- 2 SUPPORT LIGHT FIXTURES PER A / E5.10

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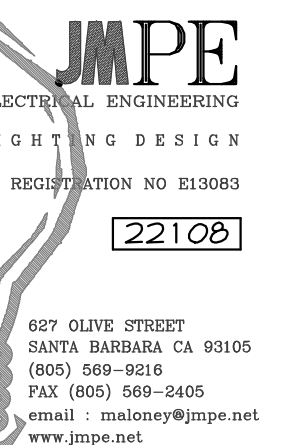
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BLDGs A,B,C,D LIGHTING PLANS

E510

