



QUATTROCCHI KWOK  
ARCHITECTS

# LIBERTY HIGH SCHOOL NEW CLASSROOMS

## Bid Clarification 03

8/22/2022

**DSA File Number: 07-H4**  
**DSA Application Number: 01-119994**  
**PTN: 61721-83**

**Owner:**

Liberty Union High School District  
20 Oak Street  
Brentwood, CA 94513

**Architect:**

Quattrocchi Kwok Architects  
636 Fifth Street  
Santa Rosa, California 95404  
P:707.576.0829

**To: Prospective Bidders**

The following changes, modifications and additions to Project Manual and Drawings described below are made a part thereof and are subject to all of the requirements thereof as if originally specified.

The Bidder must acknowledge receipt of the Bid Clarification in the space provided on the Bid Form; failure to do so may subject the Bidder to disqualification. Note that there are no revisions to the scope of work and this is not considered a substantive change.

**Table of Contents - Bid Clarification 03**

This Bid Clarification consists of 4 pages and the attachments as listed below dated August 22, 2022.

Deleted Text is shown in ~~strikeout type~~.

Added Text is shown in ***bold italicized type***.

**ATTACHMENTS:**

**Project Manual**

Bid Form

**Drawings: (30X42)**

BC 03 C-2.0 - HORIZONTAL CONTROL PLAN  
BC 03 C-4.0 - GRADING PLAN  
BC 03 A-1.1 - SITE PLAN  
BC 03 A-A5.1 - BLDG-A EXTERIOR ELEVATIONS  
BC 03 A-B2.1 - BLDG-B FLOOR PLAN  
BC 03 A-B7.1 - INTERIOR ELEVATIONS  
BC 03 A-B7.2 - INTERIOR ELEVATIONS  
BC 03 A-8.1 - DOOR SCHEDULE AND SIGNAGE  
BC 03 A-9.5 - ROOF DETAILS  
BC 03 A-9.6 - ROOF DETAILS  
BC 03 A-10.1 - CEILING DETAILS WD  
BC 03 A-10.2 - CEILING DETAILS CONC AND METAL  
BC 03 A-10.3 - INTERIOR DETAILS  
BC 03 AG-A2.2 - BLDG-A SECOND FLOOR SIGNAGE PLAN  
BC 03 FP-6.1 - DETAILS FIRE PROTECTION  
BC 03 S-0.1 - GENERAL NOTES  
BC S-A4.1 - FOUNDATION DETAILS  
BC S-A5.1 - STEEL FRAMING DETAILS

**BC Drawings** (8.5 inch by 11 inch & 11 inch by 17 inch):

None.

**Project Record**

None.

**End of Table of Contents**

**A. CHANGES TO PREVIOUS BID CLARIFICATIONS**

Items No 2.06

A Questions will be allowed until ~~8/19/2022~~ **8/30/2022** at 5:00. All other questions will be returned noted to bid the documents as is.

**B. CHANGES TO THE BIDDING AND CONTRACT REQUIREMENTS**

**Item No. 3.01**

NOTICE INVITING BIDS

Revise NOTICE INVITING BIDS as follows:

NOTICE IS HEREBY GIVEN that the Liberty Union High School District, acting by and through its Governing Board, hereinafter referred to as "District", will receive prior to 2:00 PM on the ~~25th of August~~, **7<sup>th</sup> of September** 2022 sealed bids for the award of a Contract for the following:

**Item No. 3.02**

Revise and replace Bid Form denoted Bid Clarification 03

**C. CHANGES/ ADDITIONS TO THE SPECIFICATIONS**

None.

**D. CHANGES/ ADDITIONS TO THE DRAWINGS**

**Item No. 3.03**

The following drawings dated August 18, 2022 denoted **Bid Clarification 03** supersede and replace previous drawings with the same titles:

- BC 03 C-2.0 - HORIZONTAL CONTROL PLAN
- BC 03 C-4.0 - GRADING PLAN
- BC 03 A-1.1 - SITE PLAN
- BC 03 A-A5.1 - BLDG-A EXTERIOR ELEVATIONS
- BC 03 A-B2.1 - BLDG-B FLOOR PLAN
- BC 03 A-B7.1 - INTERIOR ELEVATIONS
- BC 03 A-B7.2 - INTERIOR ELEVATIONS
- BC 03 A-8.1 - DOOR SCHEDULE AND SIGNAGE
- BC 03 A-9.5 - ROOF DETAILS
- BC 03 A-9.6 - ROOF DETAILS
- BC 03 A-10.1 - CEILING DETAILS WD
- BC 03 A-10.2 - CEILING DETAILS CONC AND METAL
- BC 03 A-10.3 - INTERIOR DETAILS
- BC 03 AG-A2.2 - BLDG-A SECOND FLOOR SIGNAGE PLAN
- BC 03 FP-6.1 - DETAILS FIRE PROTECTION
- BC 03 S-0.1 - GENERAL NOTES
- BC S-A4.1 - FOUNDATION DETAILS
- BC S-A5.1 - STEEL FRAMING DETAILS

**E. BIDDERS QUESTIONS**

**Item No. 3.04**

Q: Bid Clarification 02 has pages 4 through 8 labeled as Bid Clarification 01 on the bottom right side. IS this a typo that the bidders should ignore?

A Yes this is a typo. Those pages belong to bid clarification 02.

**Item No. 3.05**

Q: Do bidders need to acknowledge that they've received/read 'Bid Clarifications'? If so, how should bidders differentiate their acknowledgement between the Bid Clarification versus Addenda on the bid form

A See changes to Contract requirements

**Item No. 3.06**

Q: Per Bid Clarification #1, Item No. 1.15, wood laboratory cabinets should be used in the science classrooms. Does this include Prep Room B102?

A Yes wood laboratory cabinets should be used included in the Prep Room B102

**Item No. 3.07**

Q: Where can we find a copy of the project soils report.

A The following Project Geotechnical Reports are available to the bidders thru the Construction Manager's Procore site. (Contact Maria Galligan at 707-746-8000 or by email at [Maria.Galligan@lathropconstruction.com](mailto:Maria.Galligan@lathropconstruction.com) to receive a Procore Invite.

BSK Associates Supplemental Geotechnical Recommendations Report dated September 17, 2021  
BSK Associates Update Geologic and Seismic Hazards Assessment dated September 17, 2021  
BSK Associates Geotechnical Investigation Report and Geological Seismic Hazards Assessment dated January 30, 2019  
BSK Associates Geologic and Seismic Hazards Assessment dated January 30, 2019

**END OF BID CLARIFICATION**



**BID CLARIFICATION 03**

**BID FORM**

**FOR**

**New Classroom Buildings**

**Liberty High School**

**850 Second Street, Brentwood, CA 94513**

**Project No. 1925.00**

**Bid No. U2225L**

**FOR**

**LIBERTY UNION HIGH SCHOOL DISTRICT**

CONTRACTOR  
NAME:

\_\_\_\_\_

ADDRESS:

\_\_\_\_\_

\_\_\_\_\_

TELEPHONE:

(        )

\_\_\_\_\_

FAX:

(        )

\_\_\_\_\_

EMAIL

\_\_\_\_\_

TO: Liberty Union High School District, acting by and through its Governing Board, herein called "District".

1. Pursuant to and in compliance with your Notice Inviting Bids and other documents relating thereto, the undersigned bidder, having familiarized himself with the terms of the Contract, the local conditions affecting the performance of the Contract, the cost of the work at the place where the work is to be done, with the Drawings and Specifications, and other Contract Documents, hereby proposes and agrees to perform within the time stipulated, the Contract, including all of its component parts, and everything required to be performed, including its acceptance by the District, and to provide and furnish any and all labor, materials, tools, expendable equipment, and utility and transportation services necessary to perform the Contract and complete all of the Work in a workmanlike manner required in connection with the construction of:

**LIBERTY HIGH SCHOOL NEW CLASSROOM BUILDINGS SCOPE OF WORK (as described below):**

This project is for the demolition of three (3) existing single-story buildings (currently designated as Buildings B, C, and D) and construction of two (2) new classroom buildings for Liberty High School in Brentwood, California.

Building A is a two-story, steel-framed, Type II-B construction building with 14 general education classrooms at 960-sf each; 2 Special Day classrooms at 1,045-sf each, each with a restroom and sensory room; shared staff prep room and restroom; elevator and machine room; and utility rooms, including fire riser, electrical, tele/com and custodial closets. The second floor of Building A will be accessible by an elevator as well as exterior stairs and walkway at 2,715-sf.

Building B is a single-story, wood-framed, Type V-B construction building with 2 science labs at 1,656-sf; two (2) multi-stall student restrooms; and maintenance/custodial accessory spaces.

The project site will be accessible by an upgraded, adjacent drop-off lane. The two buildings will form a learning and gathering courtyard and have 2 gated entry points to control access after hours. No new parking is required.

Both buildings will be E-occupancy, with the pupil per square foot load factor for general education rooms being 20 and 50 for science labs. Exterior finishes include cement plaster, fiber cement boards, aluminum storefront windows, metal sunshade canopies, built-up roof and standing seam metal roof. Interior finishes including custom teaching-wall casework, painted gyp bd walls with tackable surface at general education classrooms, linoleum and carpeted flooring. Ceilings shall be suspended acoustic ceiling tile at classrooms, exposed structure ceilings at labs, and painted gypsum board at restrooms and utility areas.

**For the:**

**LIBERTY HIGH SCHOOL NEW CLASSROOM BUILDINGS**

BID SCHEDULE NO. U2225L

Liberty High School New Classroom Buildings

in the District described above, all in strict conformance with the drawings and other Contract Documents on file at the Facilities Office of said District for amounts set forth herein.

2. BIDDER ACKNOWLEDGES THE FOLLOWING BID CLARIFICATION/ADDENDUM:

Bid Clarification Number	Bid Clarification Number	Bid Clarification Number	Addendum Number	Addendum Number	Addendum Number
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Acknowledge the inclusion of all addenda issued prior to bid in the blanks provided above. Your failure to do so may render your bid non-responsive.

3. TOTAL CASH PURCHASE PRICE IN WORDS & NUMBERS:

\_\_\_\_\_ DOLLARS

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

4. TIME FOR COMPLETION: The District may give a notice to proceed within ninety (90) days of the award of the bid by the District. Once the Contractor has received the notice to proceed, the Contractor shall complete the work in the time specified in the Agreement. By submitting this bid, Contractor has thoroughly studied this Project and agrees that the Contract Time for this Project is adequate for the timely and proper completion of the Project. Further, Contractor has included in the analysis of the time required for this Project, Rain Days, Governmental Delays, and the requisite time to complete Punch List.

In the event that the District desires to postpone giving the notice to proceed beyond this ninety (90) day period, it is expressly understood that with reasonable notice to the Contractor, giving the notice to proceed may be postponed by the District. It is further expressly understood by the Contractor, that the Contractor shall not be entitled to any claim of additional compensation as a result of the postponement of giving the notice to proceed.

If the Contractor believes that a postponement will cause a hardship to it, the Contractor may terminate the contract with written notice to the District within ten (10) days after receipt by the Contractor of the District's notice of postponement. Should the Contractor terminate the Contract as a result of a notice of postponement, the District shall have the authority to award the Contract to the next lowest responsible bidder, if applicable.

It is understood that the District reserves the right to reject any or all bids and/or waive any irregularities or informalities in this bid or in the bid process. The Contractor understands that it may not withdraw this bid for a period of ninety (90) days after the date set for the opening of bids.

5. Attached is bid security in the amount of not less than ten percent (10%) of the bid:

Bid bond (10% of the Bid), certified check, or cashier's check (circle one)

6. The required List of Designated Subcontractors is attached hereto.

7. The required Non-Collusion Declaration is attached hereto.

8. The Substitution Request Form, if applicable, is attached hereto.

9. It is understood and agreed that if written notice of the acceptance of this bid is mailed, telegraphed, or delivered to the undersigned after the opening of the bid, and within the time this bid is required to remain open, or at any time thereafter before this bid is withdrawn, the undersigned will execute and deliver to the District a Contract in the form attached hereto in accordance with the bid as accepted, and that he or she will also furnish and deliver to the District the Performance Bond and Payment Bond, all within five (5) calendar days after award of Contract, and that the work under the Contract shall be commenced by the undersigned bidder, if awarded the Contract, by the start date provided in the District's Notice to Proceed, and shall be completed by the Contractor in the time specified in the Contract Documents.

10. The names of all persons interested in the foregoing proposal as principals are as follows:

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(IMPORTANT NOTICE: If bidder or other interested person is a corporation, state the legal name of such corporation, as well as the names of the president, secretary, treasurer, and manager thereof; if a co-partnership, state the true names of the firm, as well as the names of all individual co-partners comprising the firm; if bidder or other interested person is an individual, state the first and last names in full.)

11. PROTEST PROCEDURES. If there is a bid protest, the grounds shall be submitted as set forth in the Instructions to Bidders.

12. The undersigned bidder shall be licensed and shall provide the following California Contractor's license information:

License Number: \_\_\_\_\_  
License Expiration Date: \_\_\_\_\_  
Name on License: \_\_\_\_\_  
Class of License: \_\_\_\_\_  
DIR Registration Number: \_\_\_\_\_

If the bidder is a joint venture, each member of the joint venture must include the above information.

13. Time is of the essence regarding this Contract, therefore, in the event the bidder to whom the Contract is awarded fails or refuses to post the required bonds and return executed copies of the Agreement form within five (5) calendar days from the date of receiving the Notice of Award, the District may declare the bidder's bid deposit or bond forfeited as damages.

14. The bidder declares that he/she has carefully examined the location of the proposed Project, that he/she has examined the Contract Documents, including the Plans, General Conditions, Supplemental

Conditions, Addenda, and Specifications, all others documents and requirements that are attached to and/or contained in the Project Manual, all other documents issued to bidders and read the accompanying instructions to bidders, and hereby proposes and agrees, if this proposal is accepted, to furnish all materials and do all work required to complete the said work in accordance with the Contract Documents, in the time and manner therein prescribed for the unit cost and lump sum amounts set forth in this Bid Form.

15. DEBARMENT. In addition to seeking remedies for False Claims under Government Code section 12650 et seq. and Penal Code section 72, the District may debar a Contractor pursuant to Article 15 of the General Conditions if the Board, or the Board may designate a hearing officer who, in his or her discretion, finds the Contractor has done any of the following:

- a. Intentionally or with reckless disregard, violated any term of a contract with the District;
- b. Committed an act or omission which reflects on the Contractor's quality, fitness or capacity to perform work for the District;
- c. Committed an act or offense which indicates a lack of business integrity or business honesty; or
- d. Made or submitted a false claim against the District or any other public entity. (See Government Code section 12650, et seq., and Penal Code section 72)

16. DESIGNATION OF SUBCONTRACTORS. In compliance with the Subletting and Subcontracting Fair Practices Act (California Public Contract Code section 4100 et seq.) and any amendments thereof, each bidder shall list subcontractors on the District's form Subcontractor list. This subcontractor list shall be submitted with the bid and is a required form

I agree to receive service of notices at the e-mail address listed below.

I the below-indicated bidder, declare under penalty of perjury that the information provided and representations made in this bid are true and correct.

---

Proper Name of Company

---

Name of Bidder Representative

---

Street Address

---

City, State, and Zip

---

(        )  
Phone Number

---

(        )  
Fax Number

---

E-Mail

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature of Bidder Representative

**NOTE:** If bidder is a corporation, the legal name of the corporation shall be set forth above together with the signature of authorized officers or agents and the document shall bear the corporate seal; if bidder is a partnership, the true name of the firm shall be set forth above, together with the signature of the partner or partners authorized to sign contracts on behalf of the partnership; and if bidder is an individual, his signature shall be placed above.



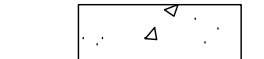
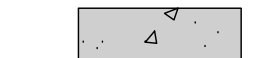



All signatures must be made in permanent blue ink.



SCIENCE

LIBRARY

LEGEND

-  SEAT WALLS (SEE DETAIL SHEET C-2.1)
-  BIORETENTION AREA (SEE DETAIL SHEET C-5.0)
-  PEDESTRIAN CONCRETE SECTION (SEE DETAIL SHEET C-2.1)
-  VEHICULAR CONCRETE SECTION (SEE DETAIL SHEET C-2.1)
-  PROPOSED PERMEABLE PAVERS (SEE DETAIL SHEET C-2.1)
-  SEAT WALL PUNCH THROUGH (SEE DETAIL SHEET C-2.1)
-  CURB CUT (SEE DETAIL SHEET C-2.1)

LINE TABLE		
NO	LENGTH	BEARING
L1	0.62'	N56° 22' 36.61"E
L2	11.93'	N55° 01' 19.69"E
L3	7.54'	N34° 55' 51.77"W
L4	1.27'	N35° 54' 34.24"W
L5	5.07'	N34° 58' 40.95"W
L6	4.96'	N34° 58' 40.95"W
L7	9.28'	N55° 01' 19.05"E
L8	5.58'	N55° 01' 19.05"E
L9	14.23'	N34° 58' 40.95"W
L10	4.96'	N34° 58' 40.95"W
L11	3.00'	N34° 58' 40.95"W
L12	14.00'	N34° 58' 40.95"W
L13	5.88'	N55° 01' 19.41"E
L14	5.88'	N55° 01' 19.41"E
L15	2.23'	N34° 58' 40.95"W
L16	12.99'	N34° 52' 18.02"W
L17	10.68'	N55° 01' 19.05"E
L18	10.68'	N55° 01' 19.05"E
L19	8.38'	N55° 01' 19.05"E

LINE TABLE		
NO	LENGTH	BEARING
L20	8.38'	N55° 01' 19.05"E
L21	8.38'	N55° 01' 19.05"E
L22	7.87'	N55° 01' 19.05"E
L23	3.44'	N80° 37' 26.54"W
L24	4.00'	N10° 31' 31.36"E
L25	18.47'	N10° 27' 41.71"E
L26	15.93'	N80° 37' 26.53"W
L27	6.65'	N10° 08' 26.27"E
L28	3.35'	N79° 51' 33.73"W
L29	4.18'	N35° 26' 33.33"W
L30	4.96'	N54° 33' 26.67"E
L31	4.00'	N35° 07' 35.27"W
L32	18.81'	N54° 43' 19.07"E
L33	7.99'	N35° 16' 40.93"W
L34	17.86'	N54° 43' 19.07"E
L35	9.15'	N55° 03' 32.70"E
L36	44.89'	N34° 58' 40.95"W
L37	9.28'	N55° 01' 19.47"E
L38	5.34'	N10° 20' 49.30"E

**QUATTROCCHI KWOK ARCHITECTS**  
 Main: 636 Fifth Street, Santa Rosa, CA 95404  
 East Bay: 55 Harrison Street, Suite 525, Oakland, CA 94607  
 (707) 576-0829

**cbg** SAN RAMON (925) 866-0322  
 SACRAMENTO (916) 375-1877  
 CIVIL ENGINEERS SURVEYORS PLANNERS

REGISTERED PROFESSIONAL ENGINEER  
 JASON B. YOUNG  
 59299  
 STATE OF CALIFORNIA

LIBERTY HIGH SCHOOL

NEW CLASSROOM BUILDING

850 2ND STREET BRENTWOOD, CA 94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS

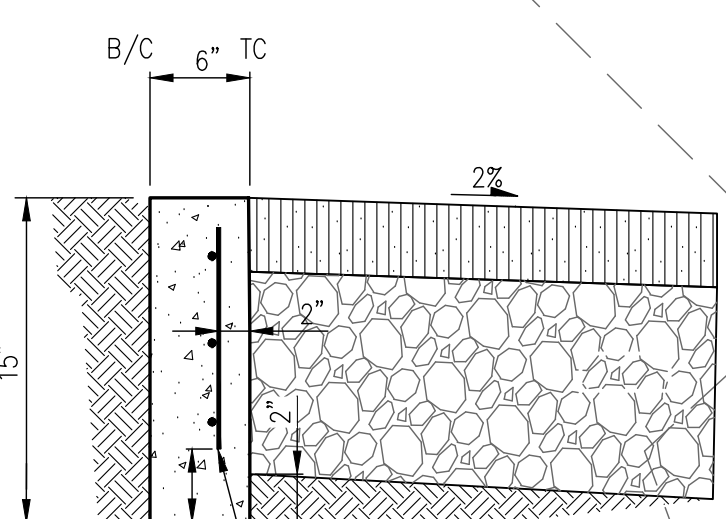
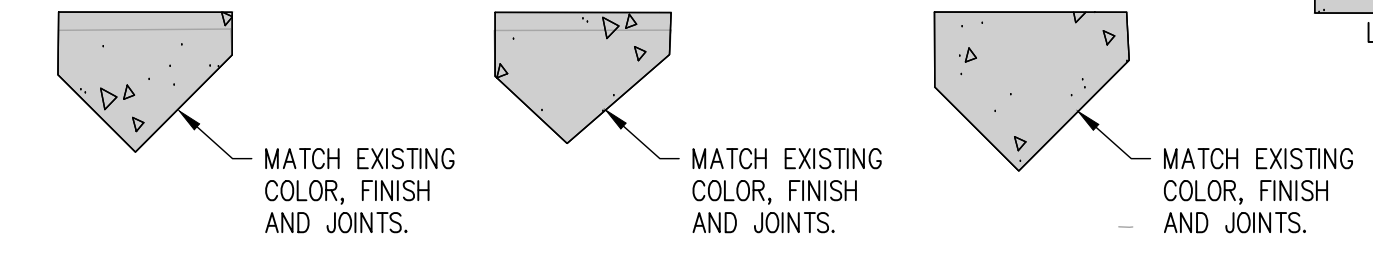
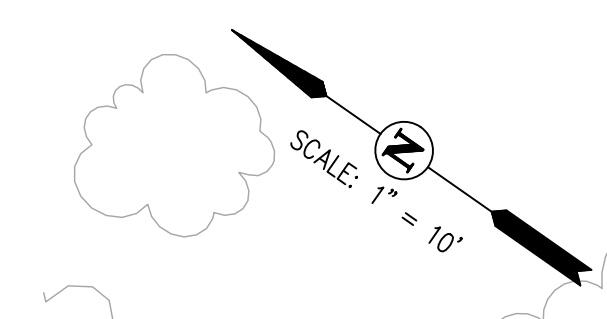
NO	DATE	DESCRIPTION
1	8/9/22	ADDENDM

DSA APP NO. 01-119994  
 ARCH PROJECT NO. 1925.00  
 DRAWN BY: MJV  
 DRAWING SCALE: AS SHOWN  
 P/N: 61721-83 FILE NO: 7-H4  
 CONSTRUCTION DOCUMENTS  
 JUNE 24, 2022

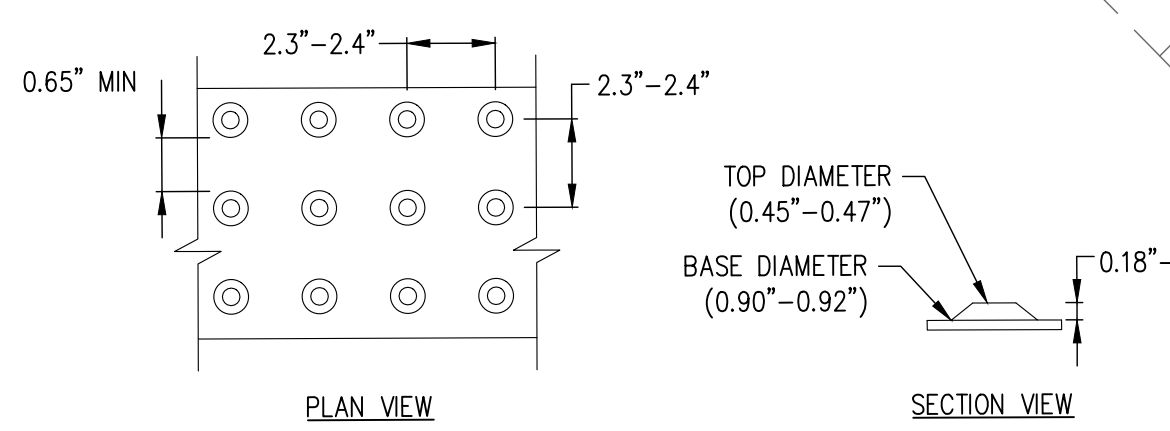
BID CLARIFICATION 03 HORIZONTAL CONTROL PLAN

SHEET NUMBER

C-2.0



FLUSH VERTICAL CURB DETAIL NOT TO SCALE



TYPICAL TRUNCATED DOME DETAIL PER CBC 11B-705.1.1

PERFORMING ARTS CENTER

BUILDING B

BUILDING A

ELEVATOR

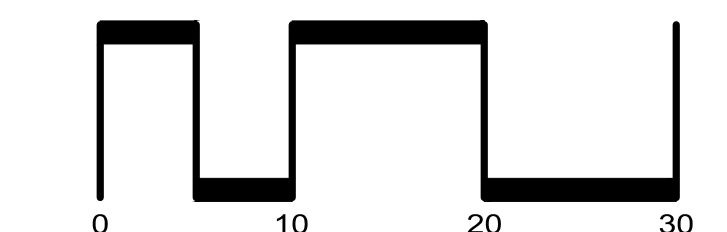
A WING

STUDENT DROP OFF

STAFF PARKING LOT

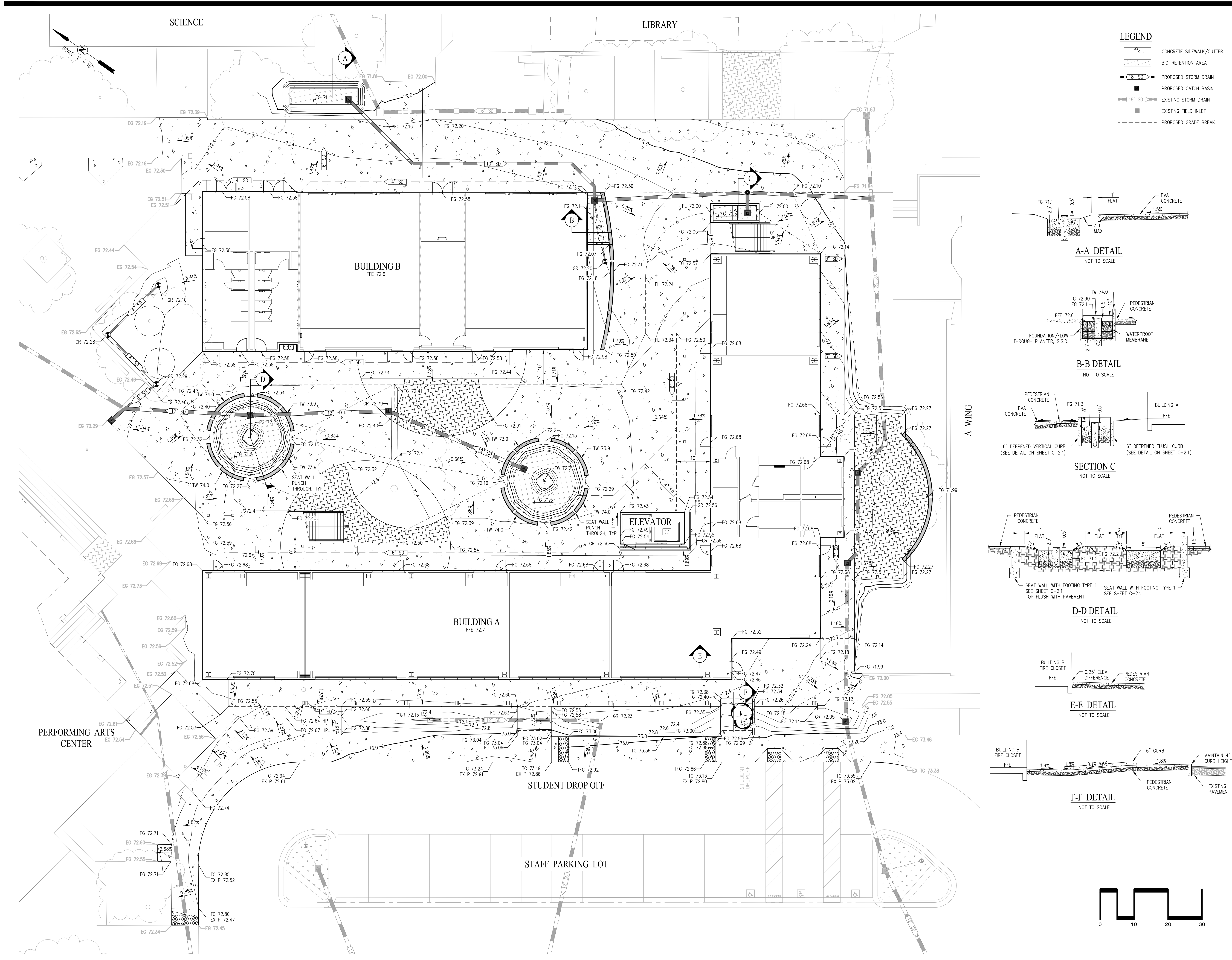
CURB RAMP

PASSENGER DROP-OFF AND LOADING ZONE AISLE



C-2.0





- LEGEND**
- CONCRETE SIDEWALK/GUTTER
  - BIO-RETENTION AREA
  - PROPOSED STORM DRAIN
  - PROPOSED CATCH BASIN
  - EXISTING STORM DRAIN
  - EXISTING FIELD INLET
  - PROPOSED GRADE BREAK

**A-A DETAIL**  
NOT TO SCALE

**B-B DETAIL**  
NOT TO SCALE

**SECTION C**  
NOT TO SCALE

**D-D DETAIL**  
NOT TO SCALE

**E-E DETAIL**  
NOT TO SCALE

**F-F DETAIL**  
NOT TO SCALE

**QUATTROCCHI KWOK ARCHITECTS**  
Main: 638 Fifth Street, Santa Rosa, CA 95404  
East Bay: 55 Harrison Street, Suite 525, Oakland, CA 94607  
(707) 576-0829

**cbg** SAN RAMON • (925) 866-0322  
SACRAMENTO • (916) 375-1877  
CIVIL ENGINEERS • SURVEYORS • PLANNERS



**LIBERTY HIGH SCHOOL**

**NEW CLASSROOM BUILDING**

850 2ND STREET  
BRENTWOOD, CA  
94513

**LIBERTY UNION HIGH SCHOOL DISTRICT**

REVISIONS

Δ	8/9/22	ADDENDM

DSA APP NO. 01-119994  
ARCH PROJECT NO. 1925.00  
DRAWN BY: MJV  
DRAWING SCALE: AS SHOWN  
PTN: 61721-83 FILE NO: 7-44  
CONSTRUCTION DOCUMENTS  
JUNE 24, 2022  
SHEET TITLE

BID CLARIFICATION 03  
**GRADING PLAN**

SHEET NUMBER

**C-4.0**



BlMcloud: architect - BlMcloud Basic for ARCHICAD 22/1925.00 Liberty HS Classroom- BLDG A, AC22/1/27/2022, 5:28 PM

### SITE PLAN KEYNOTES

NOT ALL KEYNOTES MAY APPLY TO THIS SHEET

- 1 FIRE SPRINKLER RISER, S.P.D.
- 2 MECHANICAL ITEM, S.M.D.
- 3 PLUMBING ITEM / FIXTURE, S.P.D.
- 4 ELECTRICAL ITEM, S.E.D.
- 5 STRUCTURAL ITEM, S.S.D.
- 6 ORNAMENTAL FENCE AND GATE, S.L.D.
- 7 ACCESSIBLE PASSENGER LOADING ZONE SIGNAGE, SEE (f)DrgrID (f)LayID
- 8 (E) ACCESSIBLE PARKING SIGNAGE, SEE 2 A-1.2
- 9 TACTILE WARNING STRIP, S.C.D. AND SEE 5 A-1.2
- 10 OPENINGS CALCULATION OF (E) EXTERIOR WALL SEE 3 A-1.2

### SITE PLAN NOTES

1. IMPEROVUS SUFACES WITHIN 10 FEET OF THE BUILDING FOUNDATION SHALL BE SLOPED NOT LESS THAN 2% AWAY FROM THE BUILDING. SUCH SURFACES SHALL BE PERMITTED TO SLOPE LESS THAN 2% WHERE THE SURFACE IS A DOOR LANDING OR REQUIRED RAMP.
2. SEE SHEET A-1.1 FOR ACCESSIBLE ROUTE (PATH OF TRAVEL) INFORMATION
3. SEE SHEETS G-1.1 AND G-0.5 FOR CODE INFORMATION
4. REFER TO CIVIL ENGINEERING DWGS FOR SIDEWALK GRADES
5. REFER TO CIVIL ENGINEERING DRAWINGS AND LANDSCAPE PLANS FOR SITE FEATURES NOT OTHERWISE INDICATED.

**DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE**  
 THE ARCHITECT VERIFIES THAT THERE ARE NO BARRIERS IN THE ACCESSIBLE ROUTE SERVING THE AREA OF WORK. THE ACCESSIBLE ROUTE (PATH OF TRAVEL - P.O.T.) IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE 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.

**ANY ELEMENT, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NONCOMPLIANT 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 NONCOMPLIANT ELEMENT, COMPONENT, OR PORTION OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.**

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

..... INDICATES ACCESSIBLE ROUTE (ADA 2010 "PATH OF TRAVEL")  
 THE ACCESSIBLE ROUTE (PATH OF TRAVEL) INDICATED HAS BEEN PROVIDED IN ACCORDANCE WITH IR 11B-10 AND SHALL COMPLY WITH THE FOLLOWING:

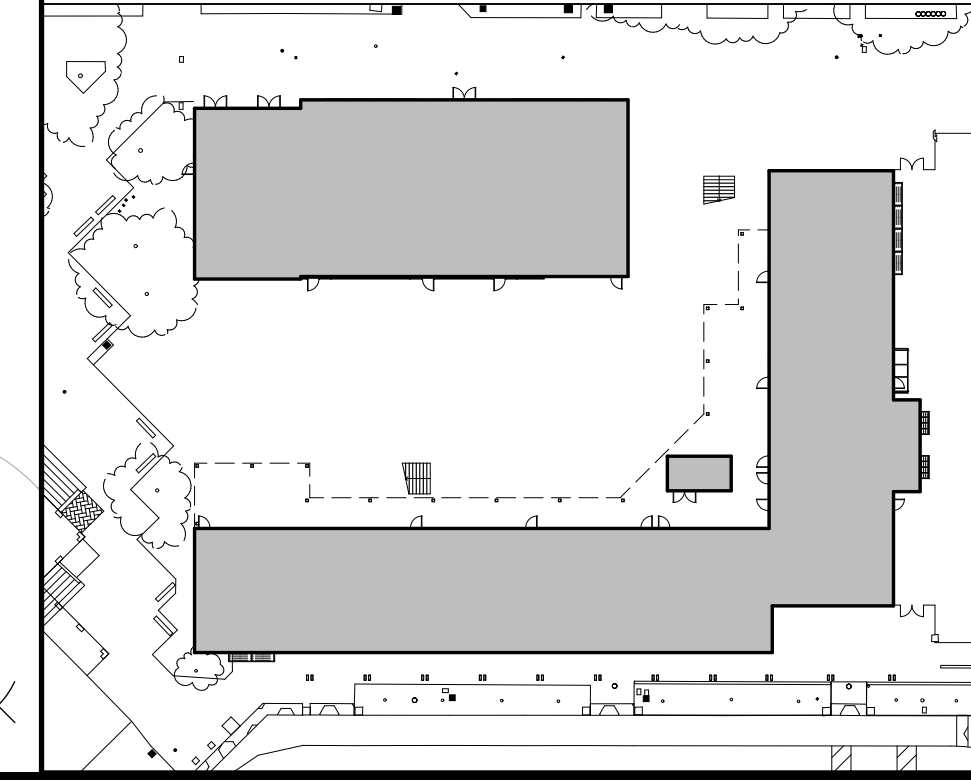
- 1:20 MAXIMUM SLOPE WITHOUT A RAMP HANDRAIL
- 1:48 MAXIMUM CROSS SLOPE
- NO ABRUPT VERTICAL CHANGES EXCEEDING 1/4" CHANGES BETWEEN 1/4" TO 1/2" VERTICAL CAN BE AT 1:2 MAX SLOPE. CHANGES LESS THAN 1/4" CAN BE VERTICAL
- 48" MIN. CLEAR IN WIDTH (80" MIN PASSING SPACE EVERY 200 LINEAL FEET)
- NON-SLIP SURFACE -HEAVY BROOM FINISH AT EXTERIOR CONCRETE PAVING WHERE SLOPED >6%. MEDIUM BROOM FINISH AT SLOPES <6%
- MAINTAIN FREE OF OVERHANGING OBSTRUCTIONS TO 80" MIN
- PROTRUDING OBJECTS NOT GREATER THAN 4" SHALL BE MOUNTED BETWEEN 27" AND 80" A.F.F.
- WHERE A DRAIN INLET IS IN THE PATH OF TRAVEL, THE GRATE SHALL BE ORIENTED SO THAT MAX OPENING IS 1/2" & LONG DIM IS PERPENDICULAR TO THE PREDOMINANT DIRECTION OF PEDESTRIAN TRAVEL
- CONTRACTOR TO VERIFY THAT NO BELOW-GRADE PULL BOXES OCCUR WITHIN THE AREA OF TRUNCATED DOME PARKING AND PEDESTRIAN SITE SIGNAGE SHALL COMPLY WITH CBC SECTIONS 11B-02.6 & 11B-02.8 & 11B-703.7.2.1 BUILDING SIGNAGE SHALL COMPLY WITH CBC 11B-703

PEDESTRIAN GATES SHALL COMPLY WITH CBC 1010.2 & 11B-206.5

### SITE PLAN LEGEND

- NEW BUILDING
- (E) BUILDING TO REMAIN
- 20' EMERGENCY VEHICLE ACCESS
- PROPERTY LINE
- ACCESSIBLE PATH OF TRAVEL
- UNISEX RESTROOM
- BOYS RESTROOM
- GIRLS RESTROOM
- STAFF RESTROOM
- ACCESSIBLE H-LO DRINKING FOUNTAIN
- ELECTRICAL ITEM, S.E.D.
- (E) FIRE HYDRANT

### KEY PLAN



**SITE PLAN**  
 1" = 20'  
 1

IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 APP: 01-119994 INC.  
 REVIEWED FOR  
 SS  FLS  ACS   
 DATE: 08/16/2022

**QUATTROCCHI KWOK ARCHITECTS**  
 Main:  
 636 Fifth Street, Santa Rosa, CA 95404  
 East Bay:  
 55 Harrison Street, Suite 525,  
 Oakland, CA 94607  
 (707) 576-0929

SIGNED: JUNE 24, 2022

**LIBERTY HIGH SCHOOL**

**NEW CLASSROOM BUILDINGS**

850 2ND STREET  
 BRENTWOOD, CA  
 94513

**LIBERTY UNION HIGH SCHOOL DISTRICT**

DATE	DESCRIPTION
08/18/22	BID CLARIFICATION

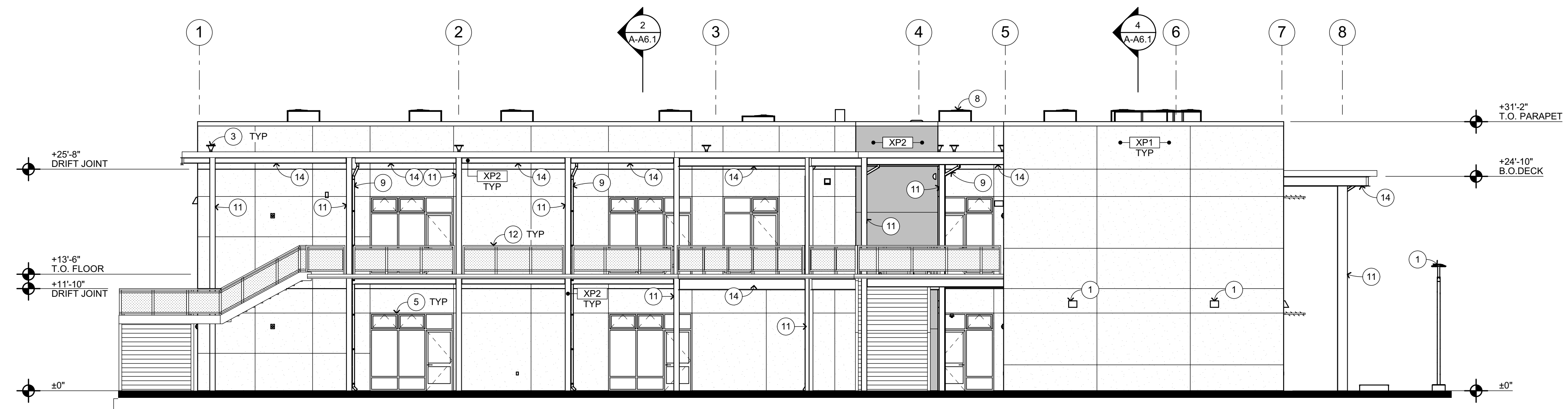
DSA APP NO. 01-119994  
 ARCH PROJECT NO. 1925.00  
 DRAWN BY: JDS  
 DRAWING SCALE: 1" = 20'-0"  
 PTN: 61721-83 FILE NO: 7-H4  
 CONSTRUCTION DOCUMENTS  
 JUNE 24, 2022

**BID CLARIFICATION 03**  
**SITE PLAN**

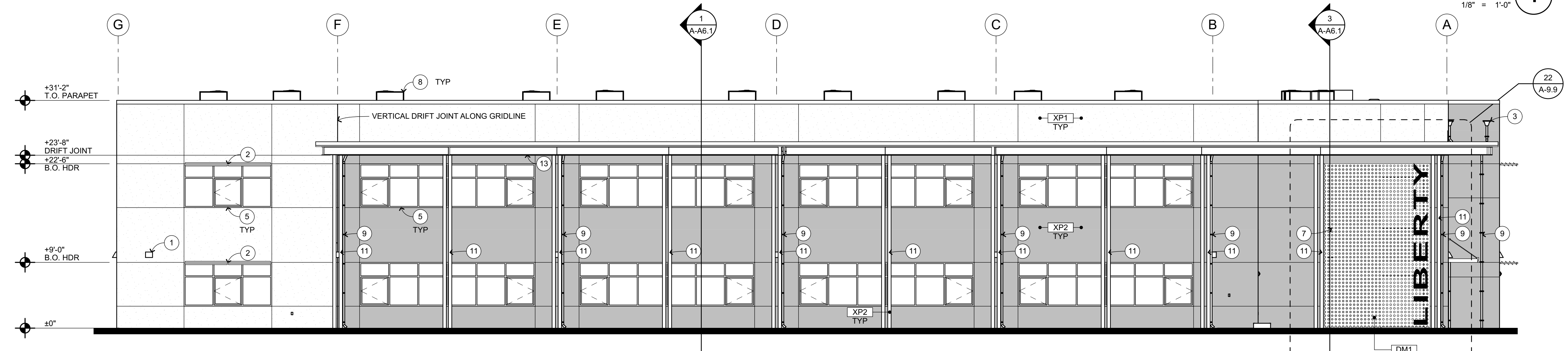
SHEET NUMBER  
**A-1.1**



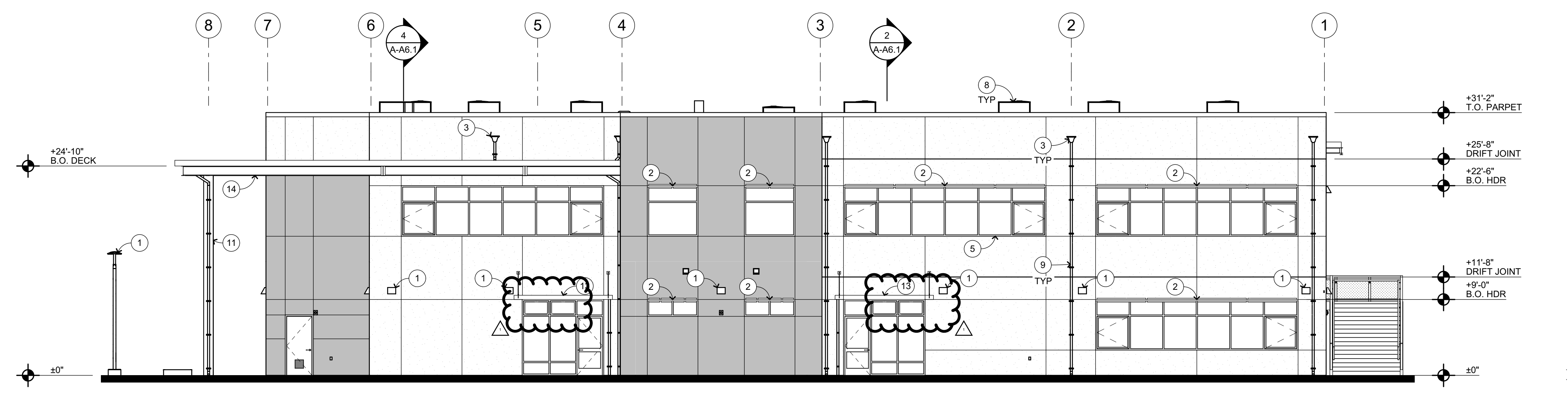
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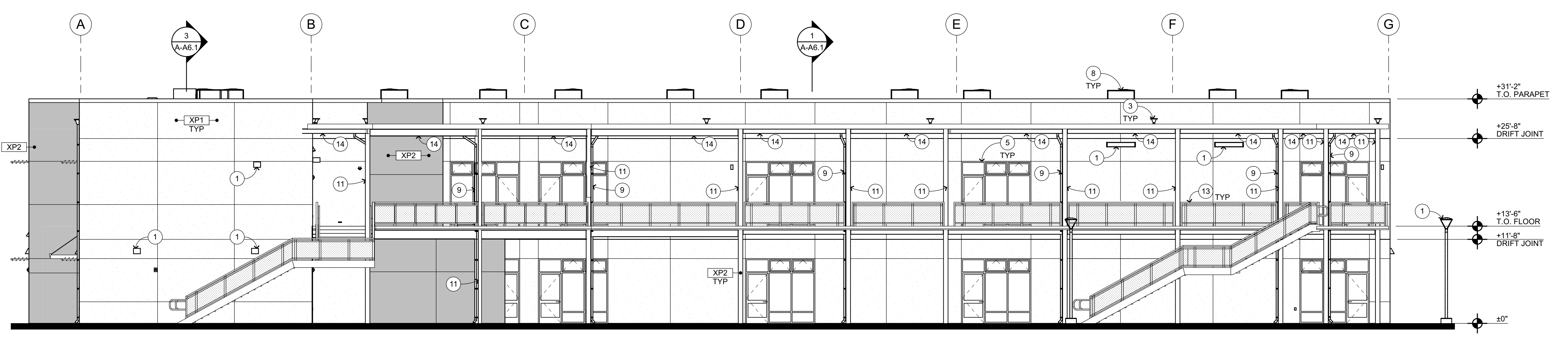
**NORTH ELEVATION**  
1/8" = 1'-0"



**WEST ELEVATION**  
1/8" = 1'-0"



**SOUTH ELEVATION**  
1/8" = 1'-0"



**EAST ELEVATION**  
1/8" = 1'-0"

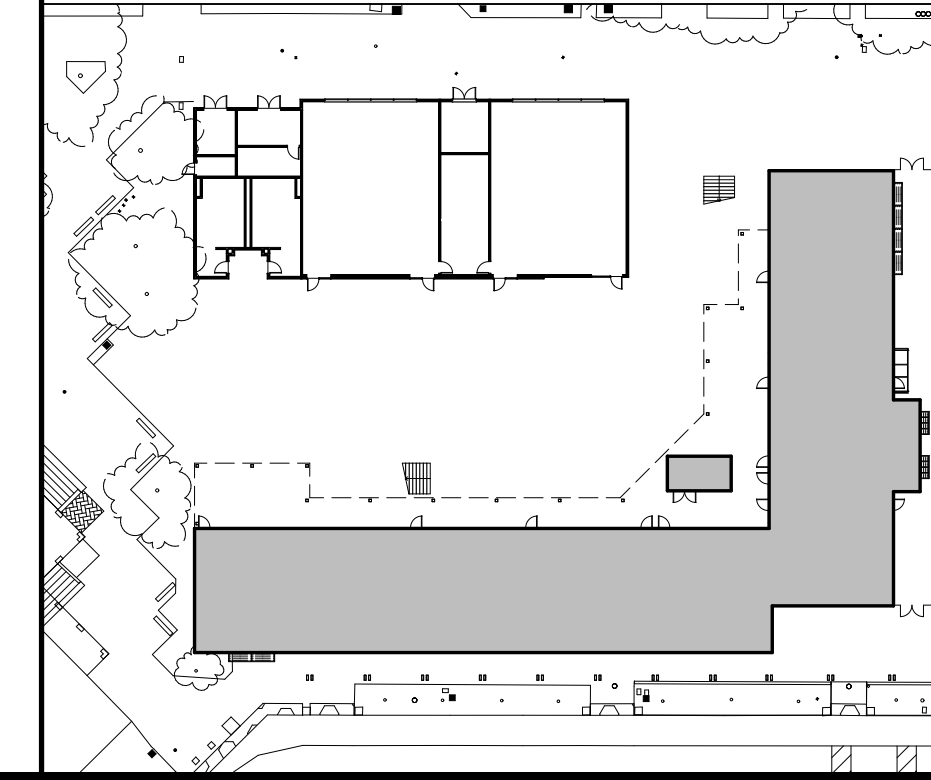
**EXTERIOR ELEVATION KEYNOTES**

- NOT ALL KEYNOTES MAY APPLY TO THIS SHEET
- 1 LIGHT FIXTURE, S.E.D.
  - 2 SHADE STRUCTURE, SEE A-9.4
  - 3 SCUPPER W/ CONDUCTOR HEAD, SEE A-9.5
  - 4 ACCESSIBLE HI-LO DRINKING FOUNTAIN W/ BOTTLE FILLER, SEE A-10.3
  - 5 STOREFRONT WINDOWS, SEE A-8.2 FOR WINDOW SCHEDULE
  - 6 CURTAIN WALL SYSTEM
  - 7 STRUCTURAL PERFORATED METAL SIGNAGE
  - 8 MECHANICAL ITEM, S.M.D.
  - 9 RAIN WATER LEADER, SEE A-9.8
  - 10 STANDING SEAM MTL ROOF, SEE A-9.6
  - 11 STRUCTURAL COLUMN, S.S.D.
  - 12 GUARDRAIL, SEE A-6.4
  - 13 INTEGRATED RAIN CANOPY, SEE A-9.7
  - 14 STRUCTURAL BEAM, S.S.D.

**EXTERIOR ELEVATION LEGEND**

- SEE FINISH SCHEDULE ON SHEET A-8.3 FOR FINISH INFORMATION
- XX1 XX1 REFERS TO EXTERIOR FINISH CODE SEE BELOW.
- PLASTER CONTROL JOINT, TYP
  - XP1 CEMENT PLASTER, SEE A-9.1
  - XP2 CEMENT PLASTER, COLUMNS
  - DM1 PERFORATED METAL PANELS

**KEY PLAN**



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LICENSED ARCHITECT  
JIM THEISS  
LICENSE # C22843  
EXP JUNE 30, 2023  
STATE OF CALIFORNIA  
SIGNED: JUNE 24, 2022

**LIBERTY HIGH SCHOOL**

**NEW CLASSROOM BUILDINGS**

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94513

**LIBERTY UNION HIGH SCHOOL DISTRICT**

08/18/22	BID CLARIFICATION

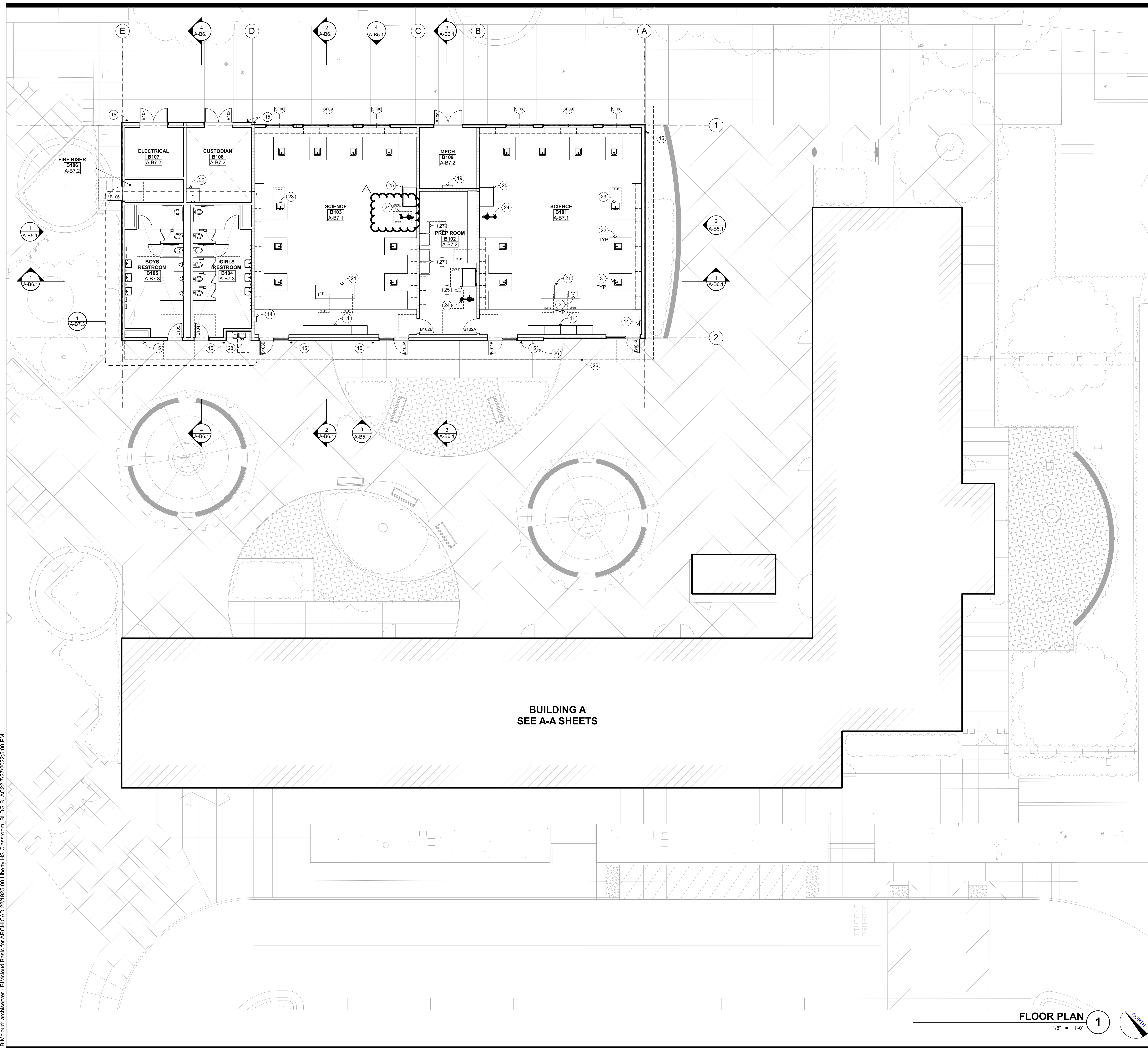
DSA APP NO. 01-119994  
ARCH PROJECT NO. 1925.00  
DRAWN BY: JDS  
DRAWING SCALE: 1/8" = 1'-0"  
PTN: 61721-83 FILE NO: 7-H4  
CONSTRUCTION DOCUMENTS  
JUNE 24, 2022

**BID CLARIFICATION 03  
BLDG A -  
EXTERIOR  
ELEVATIONS**

SHEET NUMBER  
**A-A5.1**



BMcloud: archiver - BIMcloud Basic for ARCHICAD 22/1925.00 Liberty HS Classroom - BLDG B - AC22:7/27/2022:5:00 PM



BUILDING A  
SEE A-A SHEETS

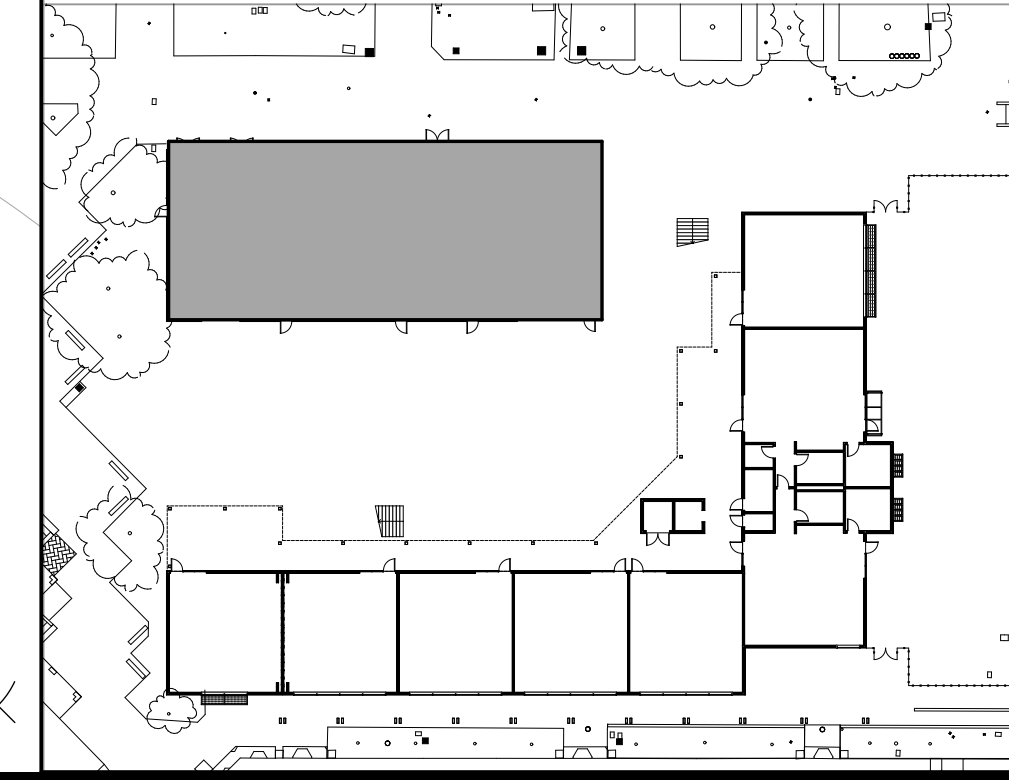
### FLOOR PLAN KEYNOTES

- NOT ALL KEYNOTES MAY APPLY TO THIS SHEET
- FIRE SPRINKLER RISER, S.P.D.
  - MECHANICAL ITEM, S.M.D.
  - PLUMBING ITEM / FIXTURE, S.P.D.
  - ELECTRICAL ITEM, S.E.D.
  - STRUCTURAL ITEM, S.S.D.
  - INTEGRATED RAIN CANOPY ABOVE
  - SHADE STRUCTURE ABOVE
  - MANUAL WINDOW SHADES, SEE 13 A-9.4
  - FOLDING PANEL PARTITION
  - ACCESSIBLE BASE CABINET W/ SINK
  - CUSTOM CASEWORK W/ MARKERBOARD, SEE 2 A-10.5
  - CASEWORK, SEE 3 A-10.4
  - BASE CABINETS W/ COUNTERTOP
  - RECESSED FIRE EXTINGUISHER CABINET, SEE 13 A-10.3 SIM
  - RAINWATER LEADER, SEE 9 A-9.8
  - INTEGRATED WALK-OFF CARPET, SEE FINISH PLANS
  - SECOND LEVEL DECK OVERHEAD
  - PERFORATED METAL SIGANGE, SEE 22 A-9.9
  - ROOF ACCESS LADDER, SEE 24 A-9.7 MTL WD
  - MOP SINK
  - TEACHER'S DEMONSTRATION TABLE, SEE 18 A-10.4
  - EPOXY RESIN, SCIENCE LAB STATION W/ SINK AND GAS BURNER
  - ACCESSIBLE HEIGHT SCIENCE LAB STATION
  - EMERGENCY EYEWASH STATION, S.P.D.
  - FUME HOOD, S.M.D.
  - ROOF LINE ABOVE
  - FREESTANDING SS SINK, S.P.D.
  - ACCESSIBLE HI-LO DRINKING FOUNTAIN W/ BOTTLE FILLER, SEE 2 A-10.3 A-10.3
  - WASHER/DRYER ALL-IN-ONE COMBO, OFCI, PER CBC 11B-611
  - REFRIGERATOR W/ BOTTOM FREEZER, OFCI, PER CBC 11B-804.6.6
  - ELECTRIC OVEN RANGE WITH FRONT CONTROLS, OFCI, PER CBC 11B-804.6.4
  - 4x8' WALL MOUNTED MARKBOARD, SEE 34 A-10.3

### WALL TYPE LEGEND

- WD FRAMING: 6" STUDS, TYP U.O.N.  
MTL FRAMING: 6" STUDS, TYP U.O.N.
- EXT WALL MTL FRMG W/ CEM PL O/ INSUL BD, SEE 4 A-9.1
  - INT WALL MTL FRMG W/ GYP BD ON EA SIDE, SEE 22 A-9.1
  - INT FURRING WALL MTL FRMG 22 A-9.1 SIM
  - METAL FRAMING - 1 HOUR RATED 21 A-9.1
  - EXT WALL WD FRMG W/ CEM PL O/ INSUL BD, SEE 4 A-9.2
  - INT WALL WD FRMG W/ GYP BD ON EA SIDE, SEE 24 A-9.2
  - INT FURRING WALL WD FRMG 24 A-9.2 SIM
  - WD FRAMING - 1 HOUR RATED 23 A-9.2
  - 6" METAL STUD SIZE, 6" U.O.N.
  - 45' ACOUSTIC RATING (STC), SEE 28 A-9.3
  - DOOR A IN ROOM NUMBER 101 IN BUILDING B ACCESSIBLE CLEARANCES SHOWN DASHED SEE 2 A-8.1
  - WINDOW NUMBER 03

### KEY PLAN



FLOOR PLAN 1  
1/8" = 1'-0"

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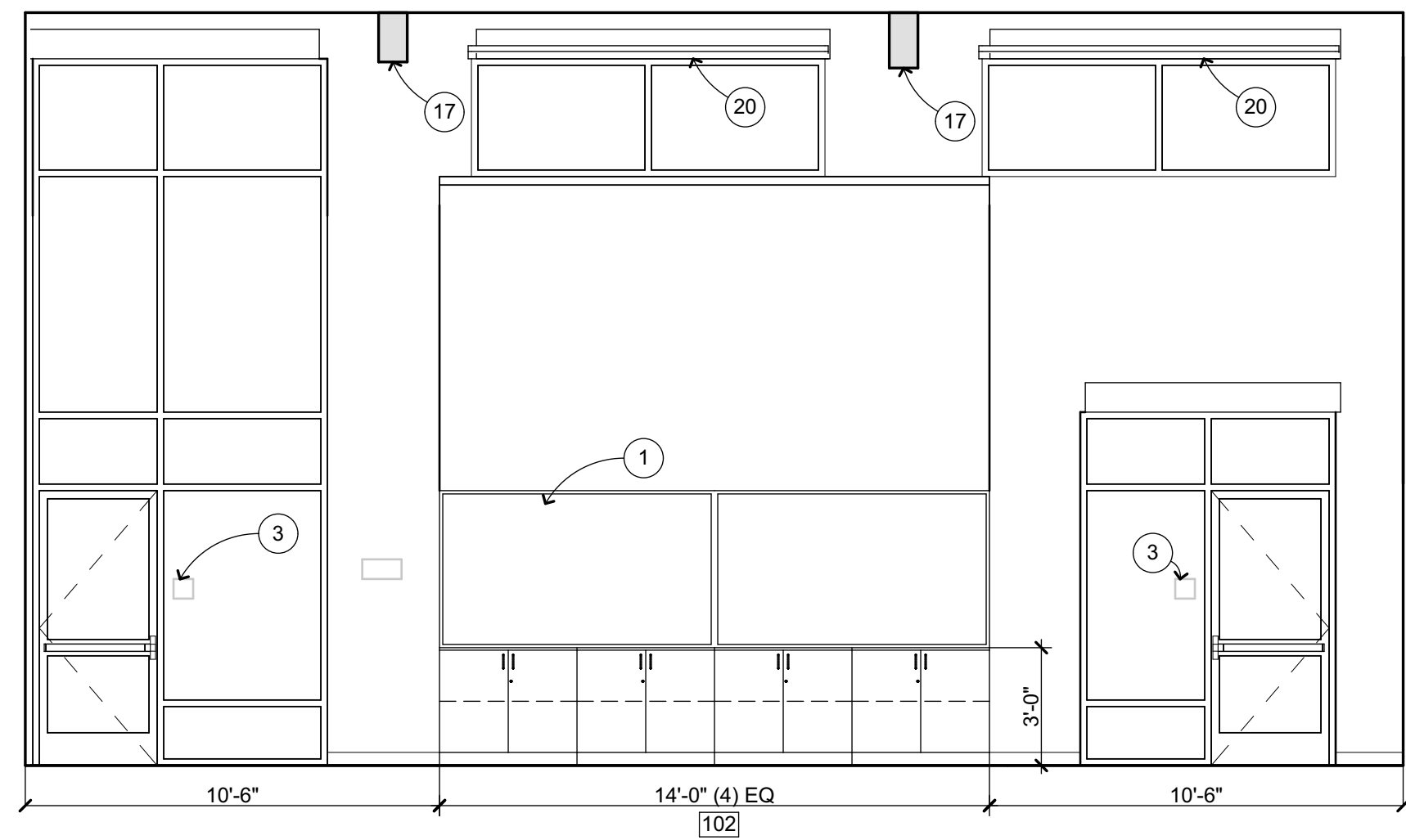
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ARCH PROJECT NO. 1925.00  
DRAWN BY: HD  
DRAWING SCALE: 1/8" = 1'-0"  
PTN: 61721-83 FILE NO: 7-H4  
CONSTRUCTION DOCUMENTS  
JUNE 24, 2022  
SHEET TITLE

BID CLARIFICATION 03  
BLDG B - FLOOR PLAN

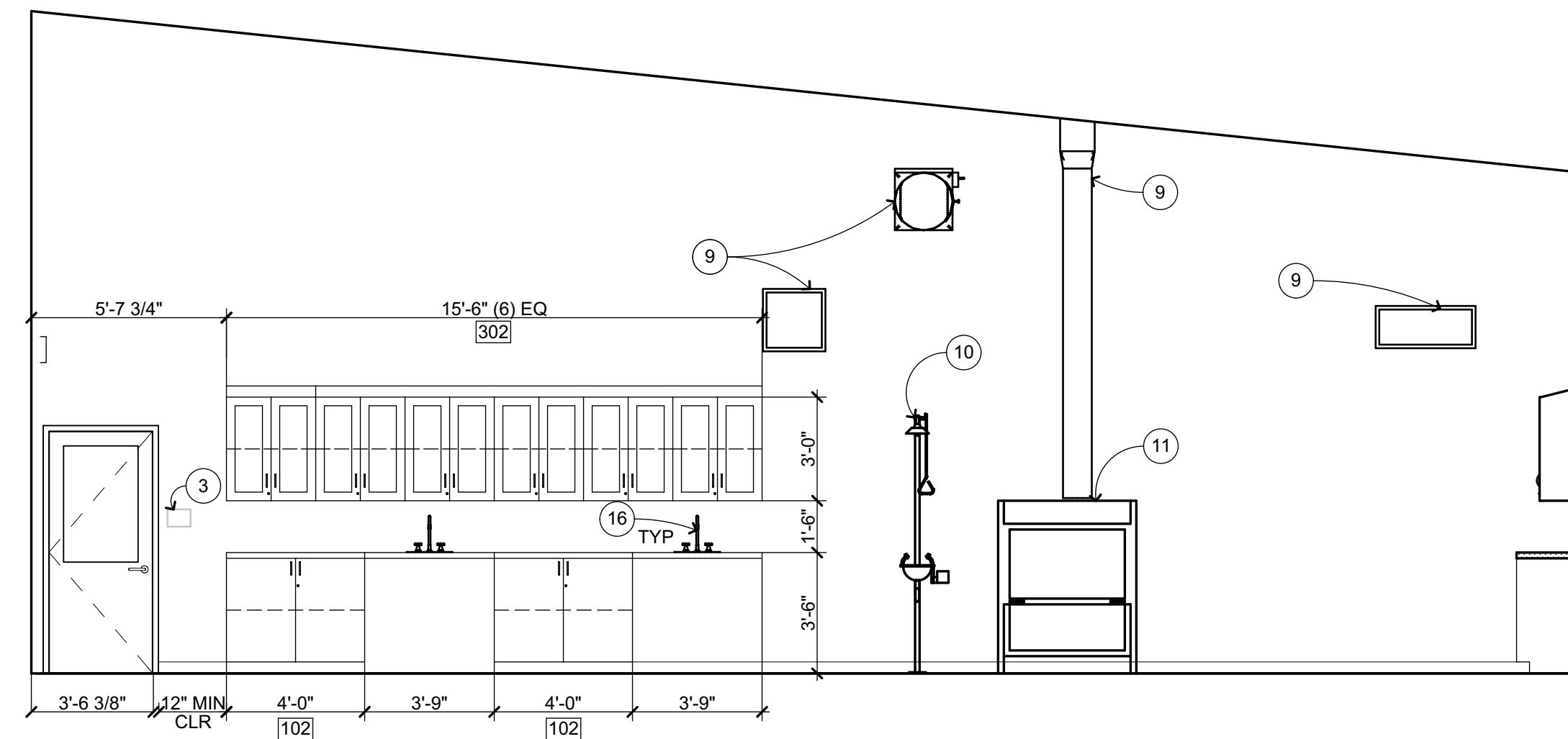
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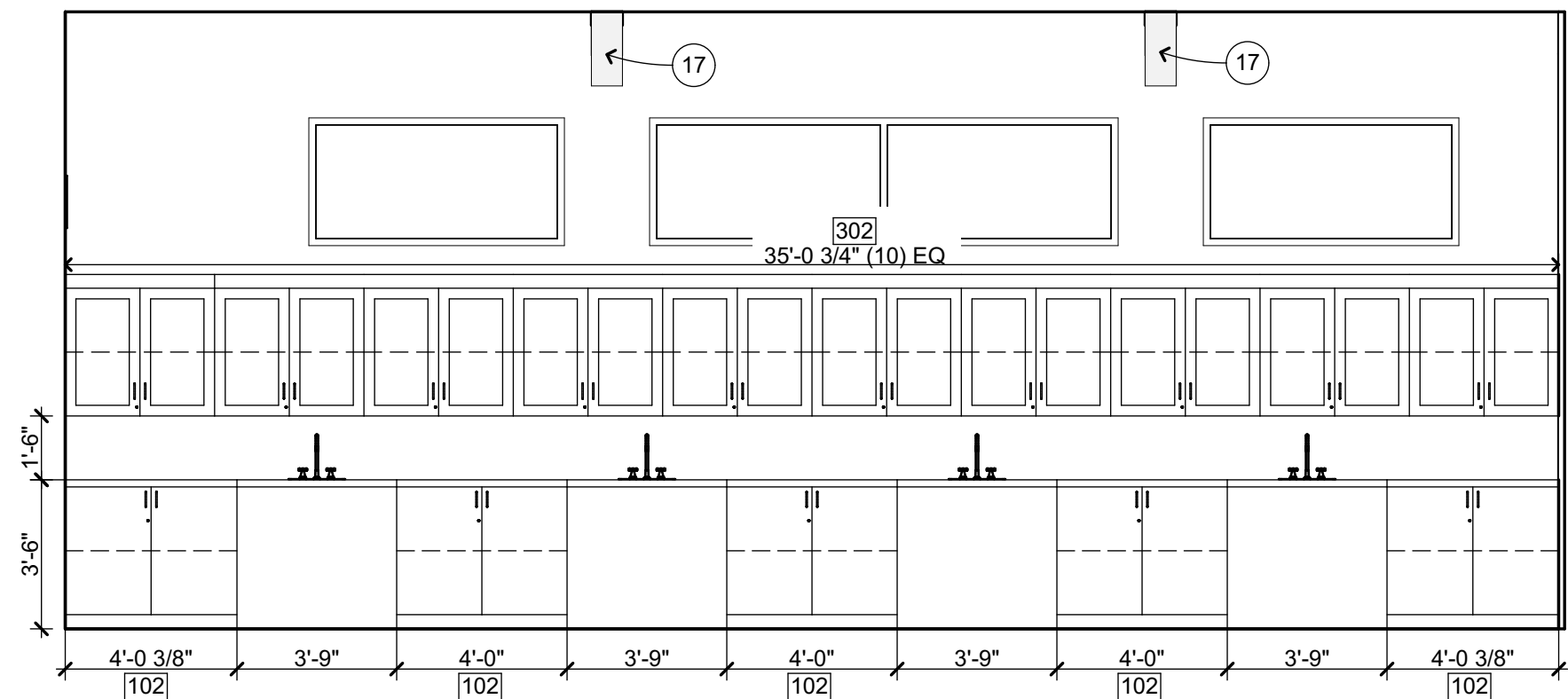
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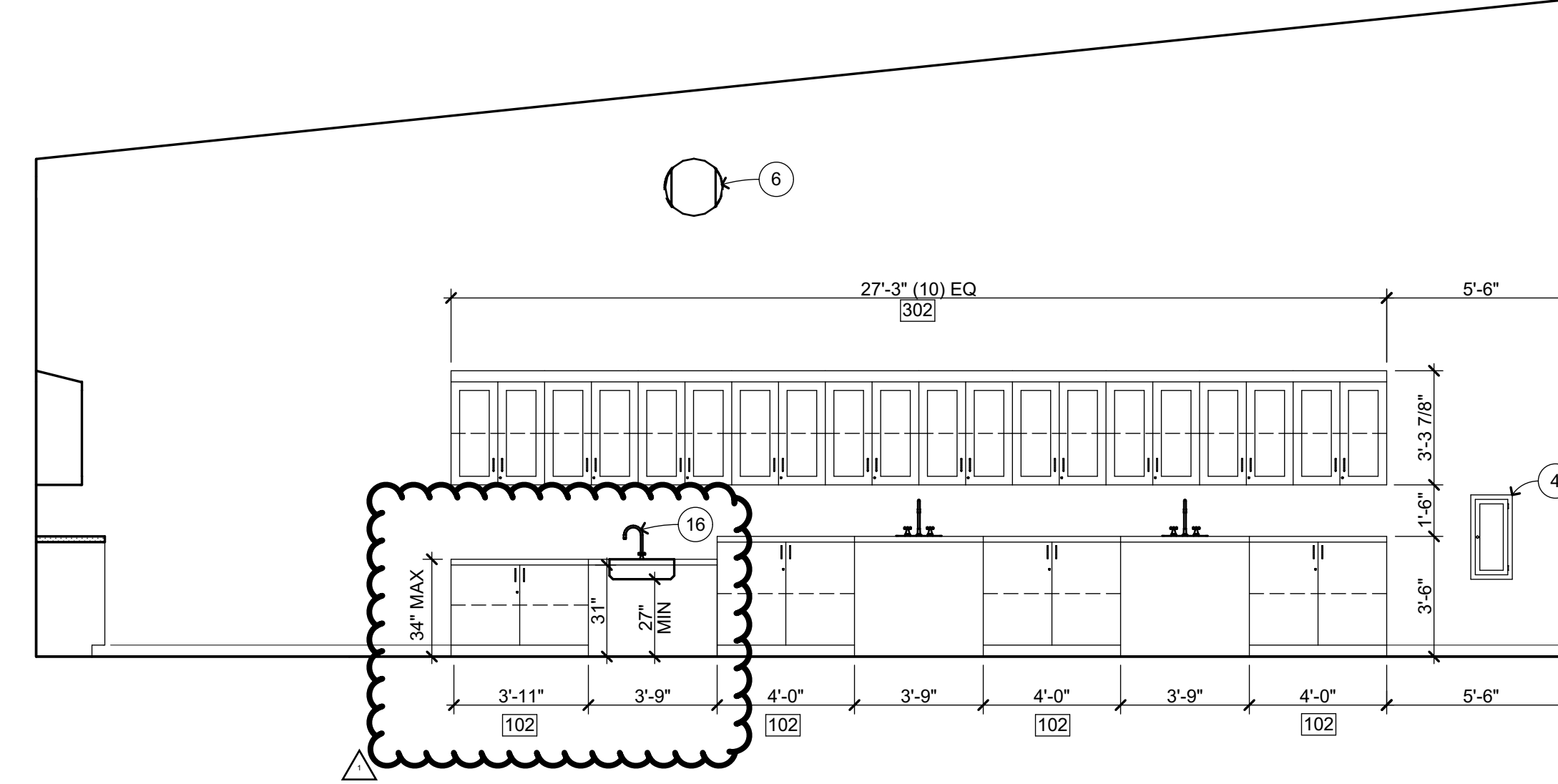
WEST



NORTH

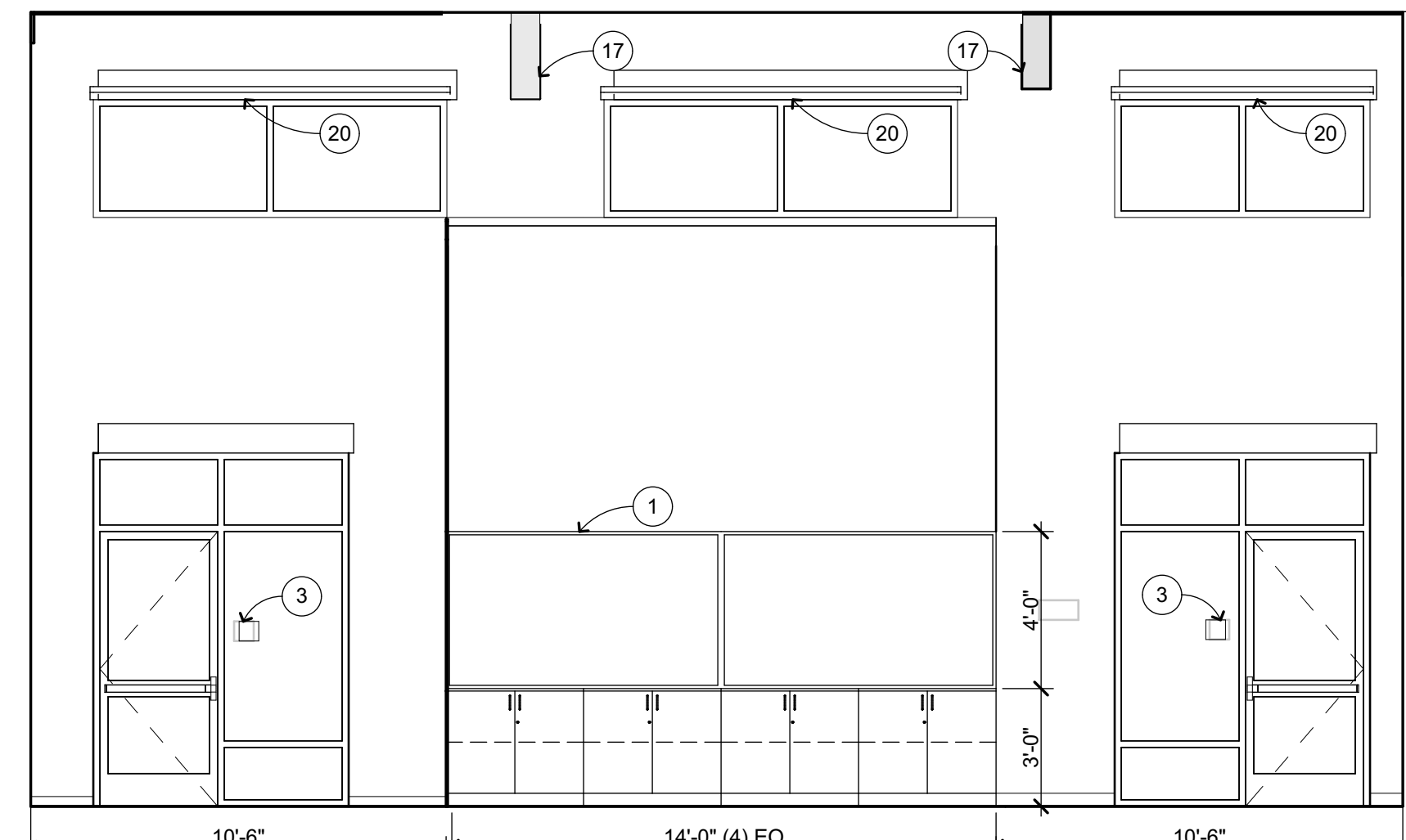


EAST

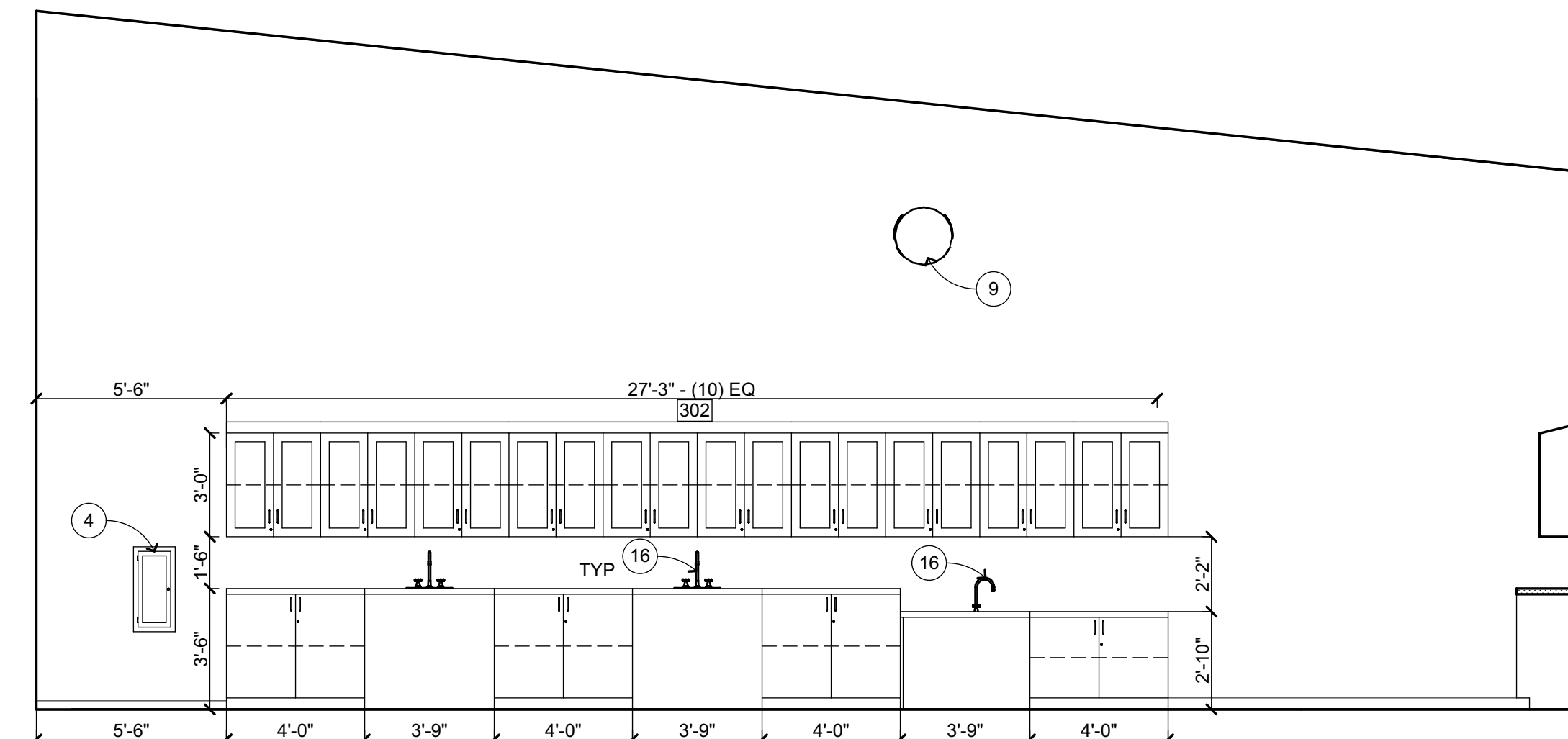


SOUTH

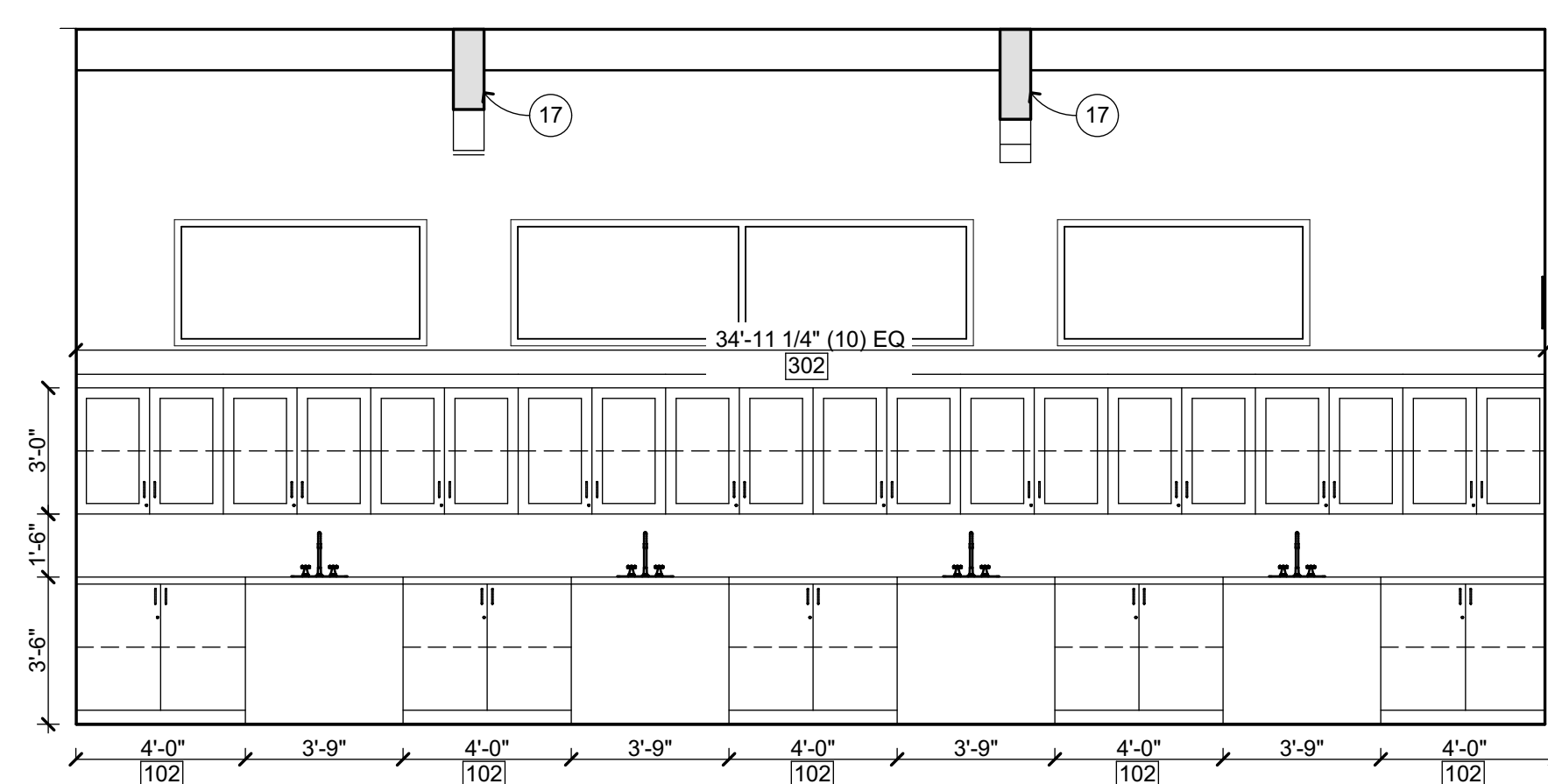
SCIENCE LAB **B101**  
1/4" = 1'-0" **A-B2.1**



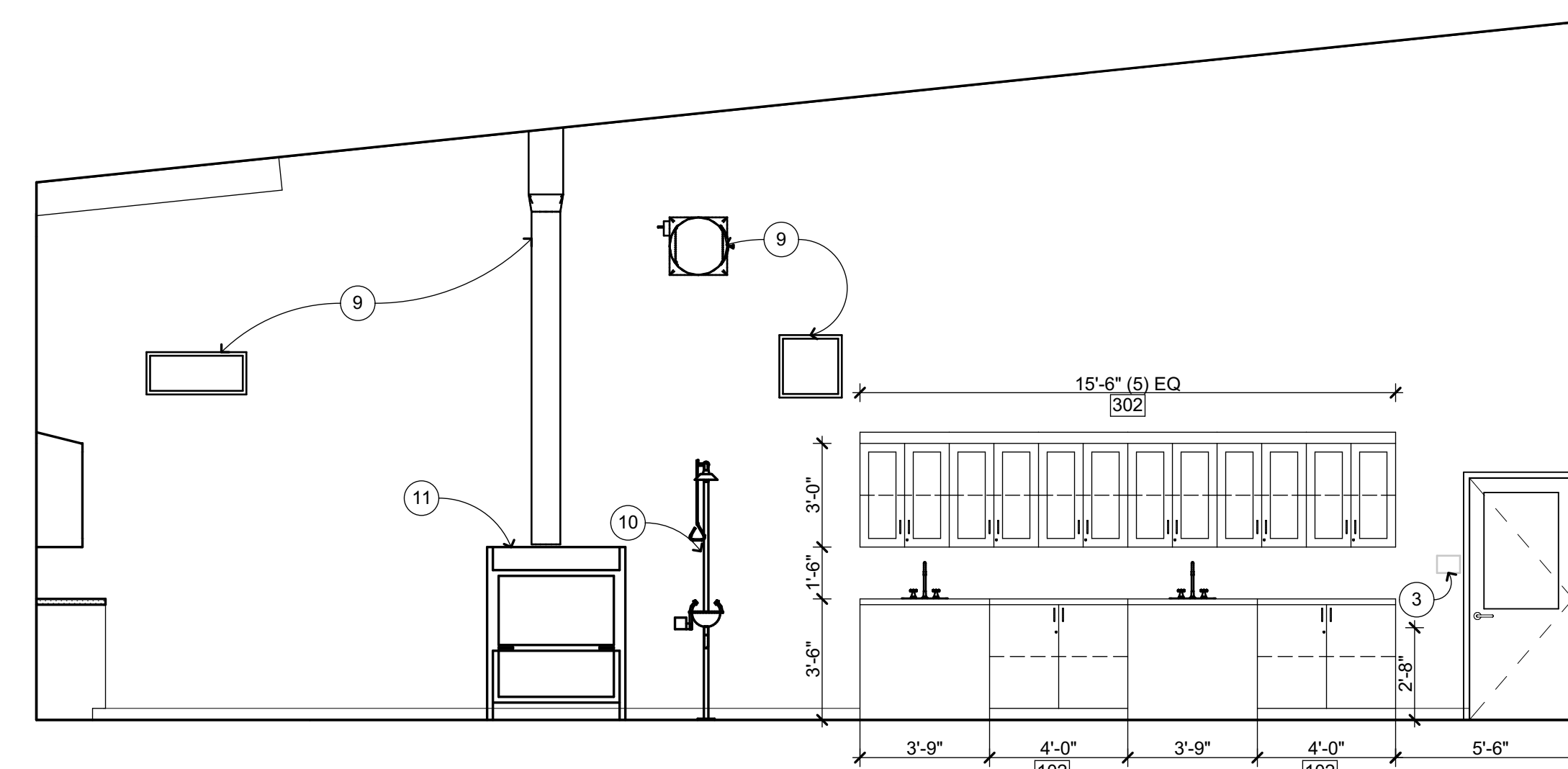
WEST



NORTH



EAST



SOUTH

SCIENCE LAB **B103**  
1/4" = 1'-0" **A-B2.1**

**INTERIOR ELEVATION KEYNOTES**

NOT ALL KEYNOTES MAY APPLY TO THIS SHEET

- 1 MARKER BOARD CASEWORK
- 2 WALL MOUNTED SHORT THROW PROJECTOR, OFCI
- 3 SIGNAGE, SEE 10 A-8.1
- 4 SEMI-RECESSED FIRE EXTINGUISHER, SEE 23 A-9.3 SIM
- 5 SOLID FOLDING PARTITION W/ TACKWALL COVERING
- 6 FOAM WALL PADS
- 7 TACK-WALL, SEE FIN SCHED
- 8 MANUAL WINDOW SHADES, SEE 27 A-10.3
- 9 MECHANICAL ITEM, S.M.D.
- 10 EYEWASH STATION
- 11 FUME HOOD
- 12 CASEWORK, SEE 3 A-10.4
- 13 OPEN-SHELVING BOOKSHELVES
- 14 FREE STANDING STAINLESS STEEL SINKS
- 15 ELECTRICAL ITEM, S.E.D.
- 16 PLUMBING ITEM, S.P.D.
- 17 STRUCTURAL ITEM, S.S.D.
- 18 MOP SINK, S.P.D.
- 19 ROOF ACCESS LADDER, SEE 24 A-9.7 25 A-9.7
- 20 MOTORIZED WINDOW SHADES, SEE 28 A-10.3 MTL WD
- 21 TOILET PARTITION, SEE 17 A-10.3 18 A-10.3 34 A-10.3
- 22 4X8 WALL MOUNTED MARKERBOARD, SEE 3 A-10.3
- 23 ELECTRICAL APPLIANCE, OFCI

**INTERIOR ELEVATION GENERAL NOTES**

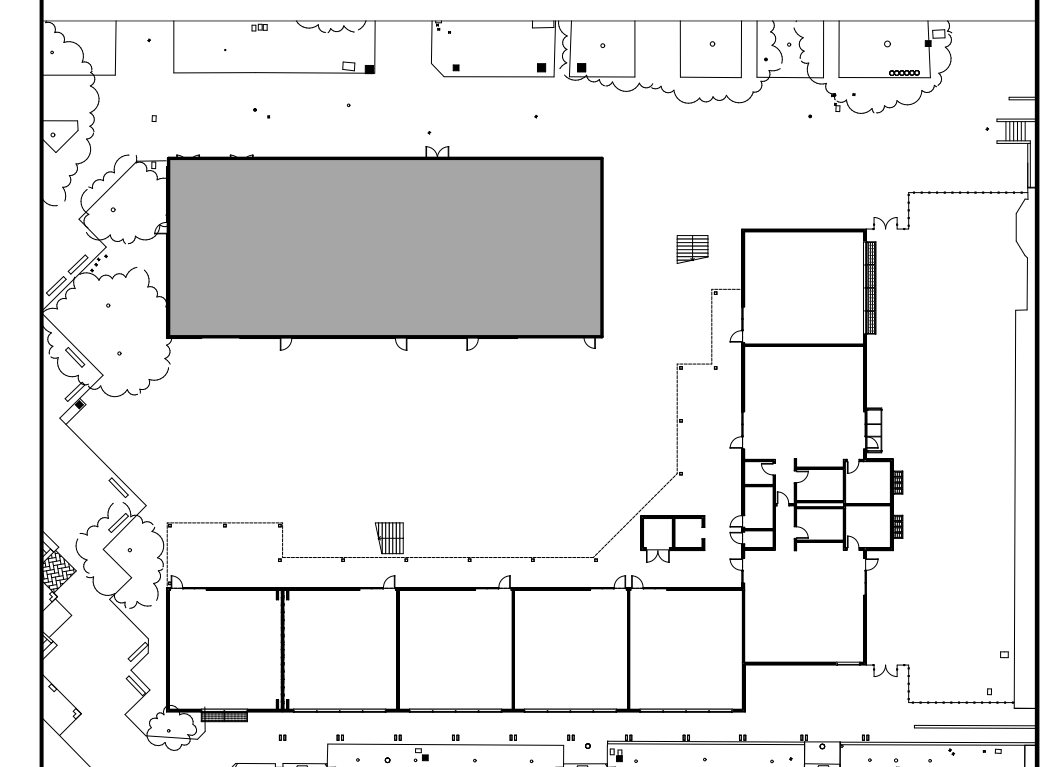
1. NOTES AND SYMBOLS ARE TO APPLY AT ALL AREAS OF SIMILAR GRAPHIC REPRESENTATION. SUCH INDICATIONS MAY BE LIMITED TO PROMOTE CLARITY OR AVOID REDUNDANCY. NO LIMITATION OF APPLICATION SHALL BE CONSTRUED WITHOUT SPECIFIC NOTATION.
2. REFER TO MECHANICAL DRAWINGS FOR REGISTERS AND VENTS NOT OTHERWISE SHOWN.
3. REFER TO ELECTRICAL DRAWINGS FOR HORNS, SPEAKERS, PULL STATIONS AND OTHER FEATURES NOT OTHERWISE SHOWN.
4. TYPICAL MOUNTING HEIGHTS OF ACCESSIBLE ELEMENTS AT ACCESSIBLE FIXTURES SEE 5 A-10.3
5. FLUSH VALVE HANDLES SHALL BE LOCATED AT THE WIDE SIDE OF ACCESSIBLE STALL.
6. FLOORING & BASE SHALL EXTEND UNDER ACCESSIBLE SINK/LAVATORY BASE CABINETS TO THE WALL. WATER SUPPLY AND DRAINPIPES ACCESSIBLE UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.
7. PROVIDE SOLID BLOCKING FOR CABINET, ACCESSORY, OR EQUIPMENT MOUNTINGS 1 A-10.3 21 MTL FRMG A-10.3

**WALL FINISH CODES**

FOR OVERALL WALL AND BASE FINISHES, SEE FINISH PLANS. FOR MATERIAL INFORMATION, SEE FINISH SCHEDULE SEE SHEET A-8.3. FOR PAINT FINISHES SEE SEC. 09 9113 (EXTERIOR) & 09 9123 (INTERIOR). ALL GYP BD TO BE TYPE 'X'.

- P1 PAINT
- P2 CERAMIC WALL TILE 35 A-10.3
- WT1 TACK WALL 9 A-10.3
- TAC1 TACK WALL 9 A-10.3
- TAC2 TACK WALL 9 A-10.3
- AP1 ACOUSTIC PANELS
- MP1 METAL PERFORATED WALL PANELS
- WP1 FRP PANEL
- WP3 WALL FOAM PAD
- PLY1 3/4" MDO FIRE RATED PLYWOOD

**KEY PLAN**



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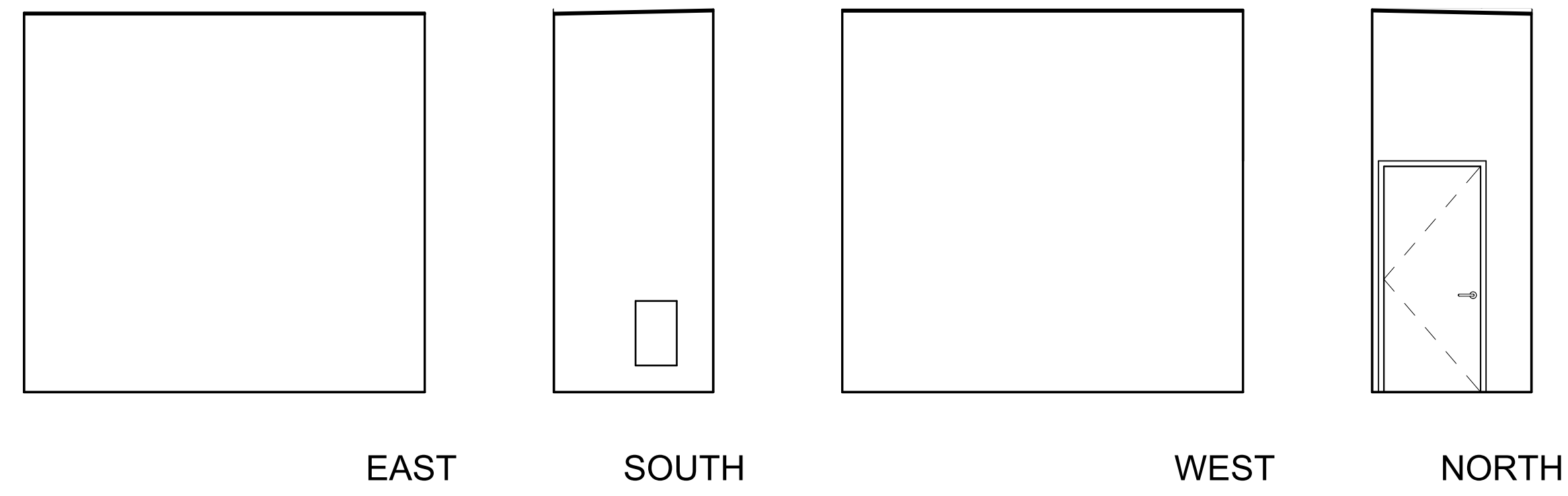
LIBERTY UNION HIGH SCHOOL DISTRICT

08/18/22	BID CLARIFICATION

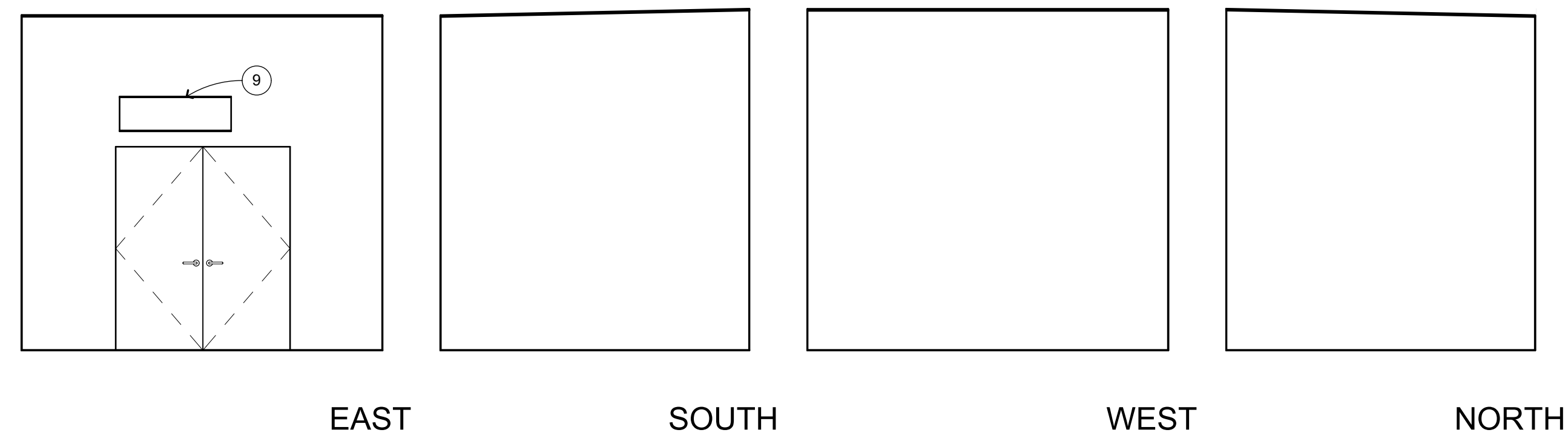
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BID CLARIFICATION 03  
**INTERIOR ELEVATIONS**

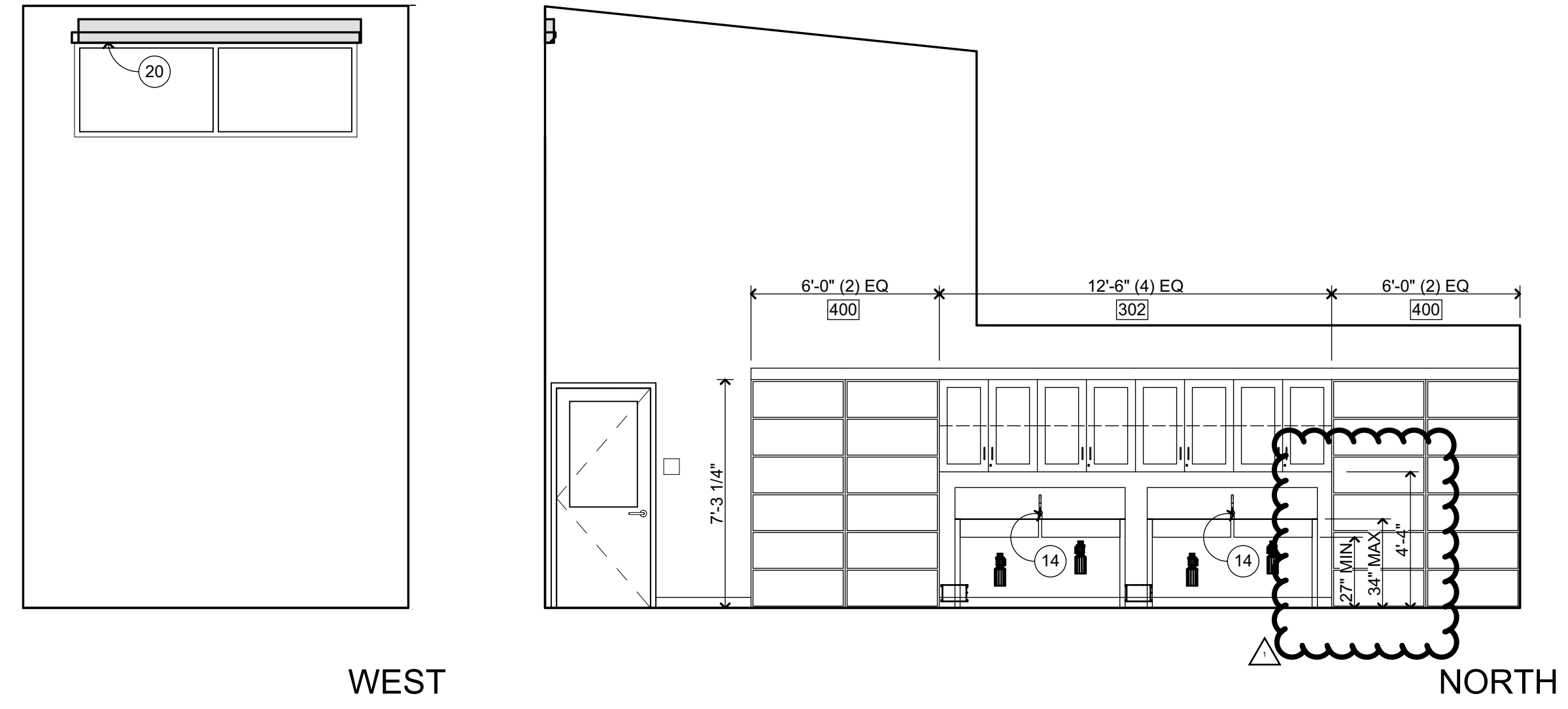
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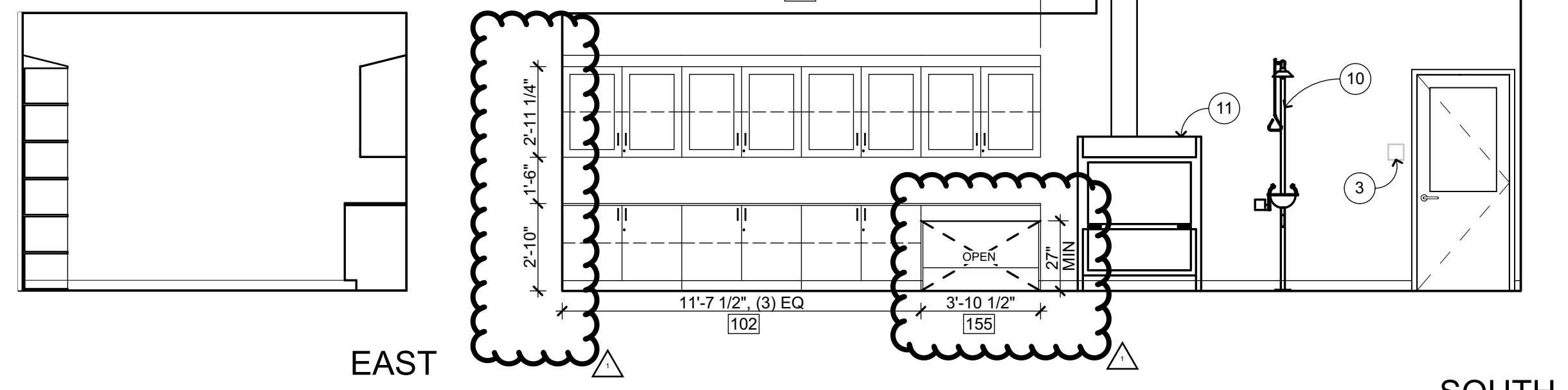
**FIRE RISER B106**  
1/4" = 1'-0" A-B2.1



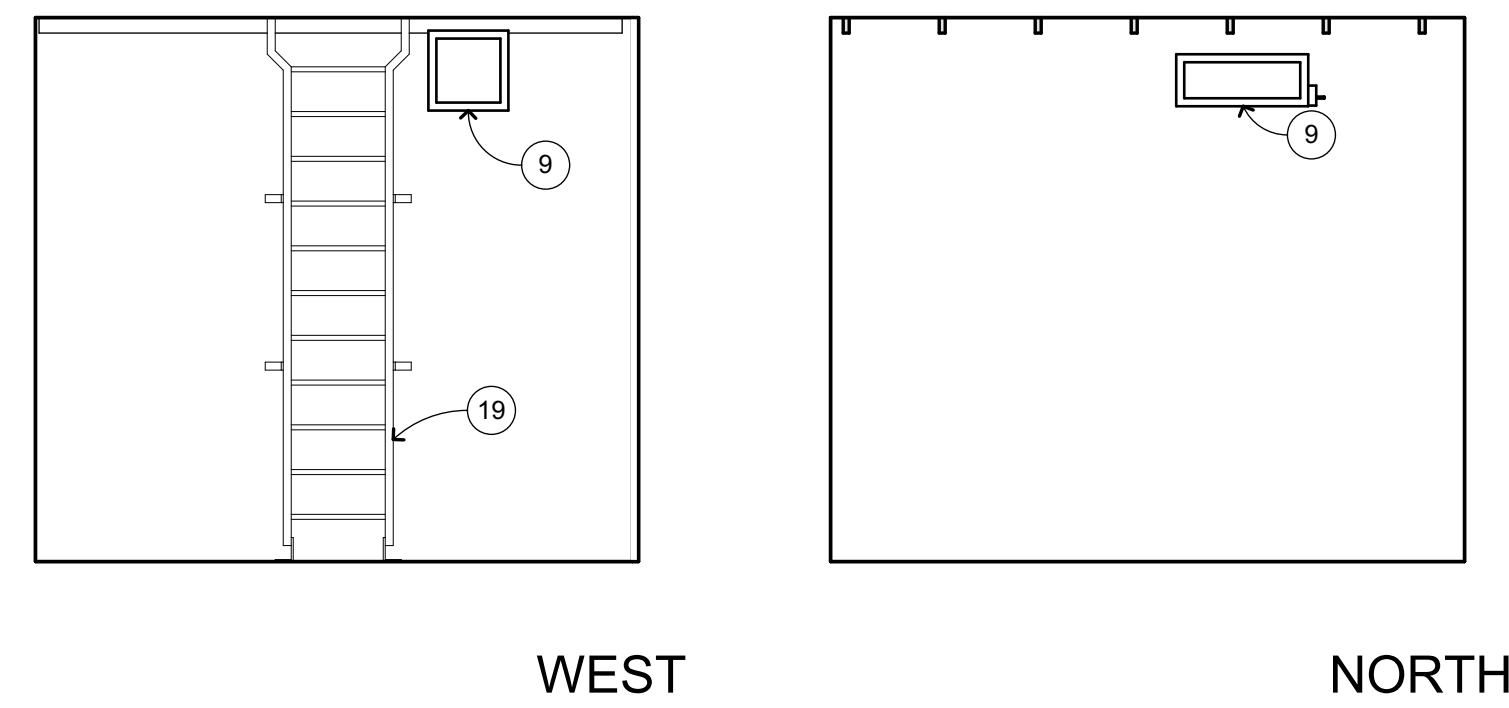
**ELECTRICAL B107**  
1/4" = 1'-0" A-B2.1



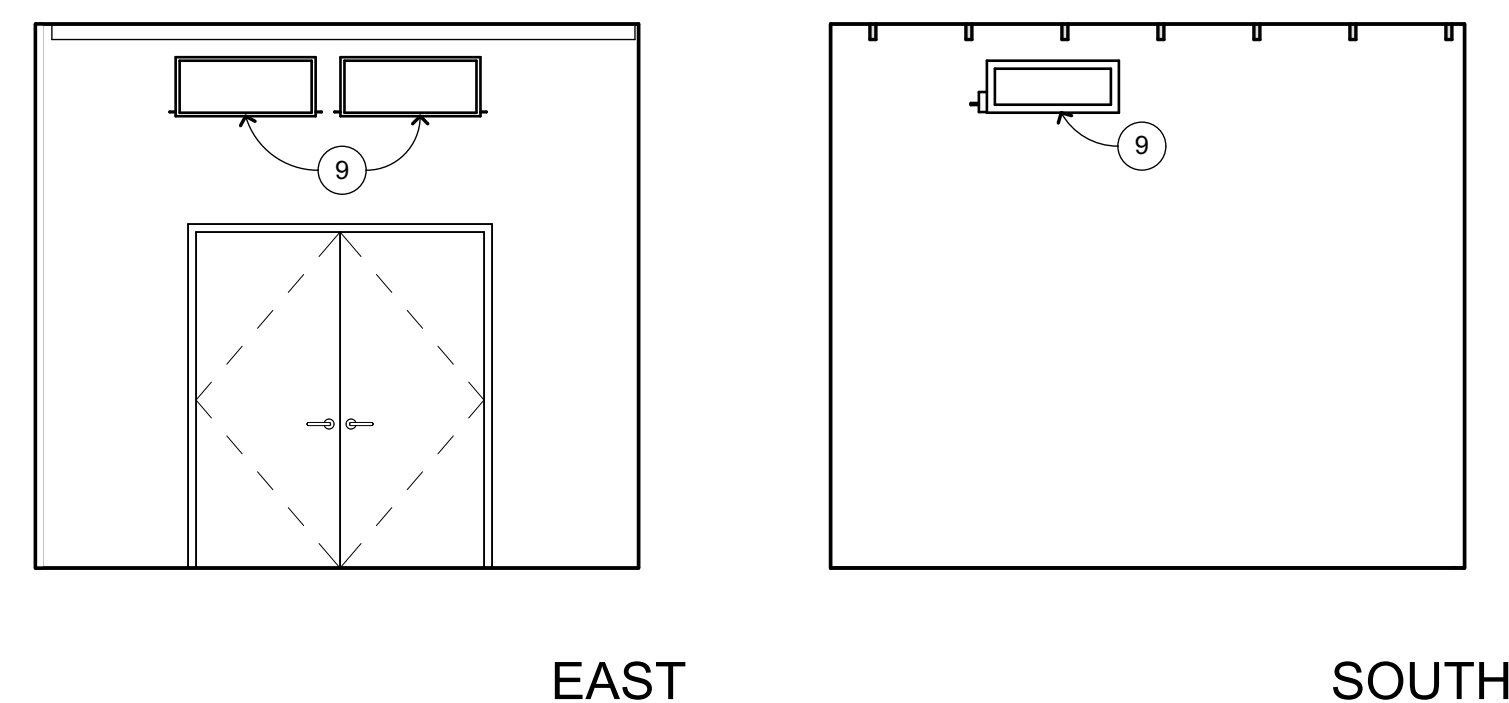
**PREP ROOM B102**  
1/4" = 1'-0" A-B2.1



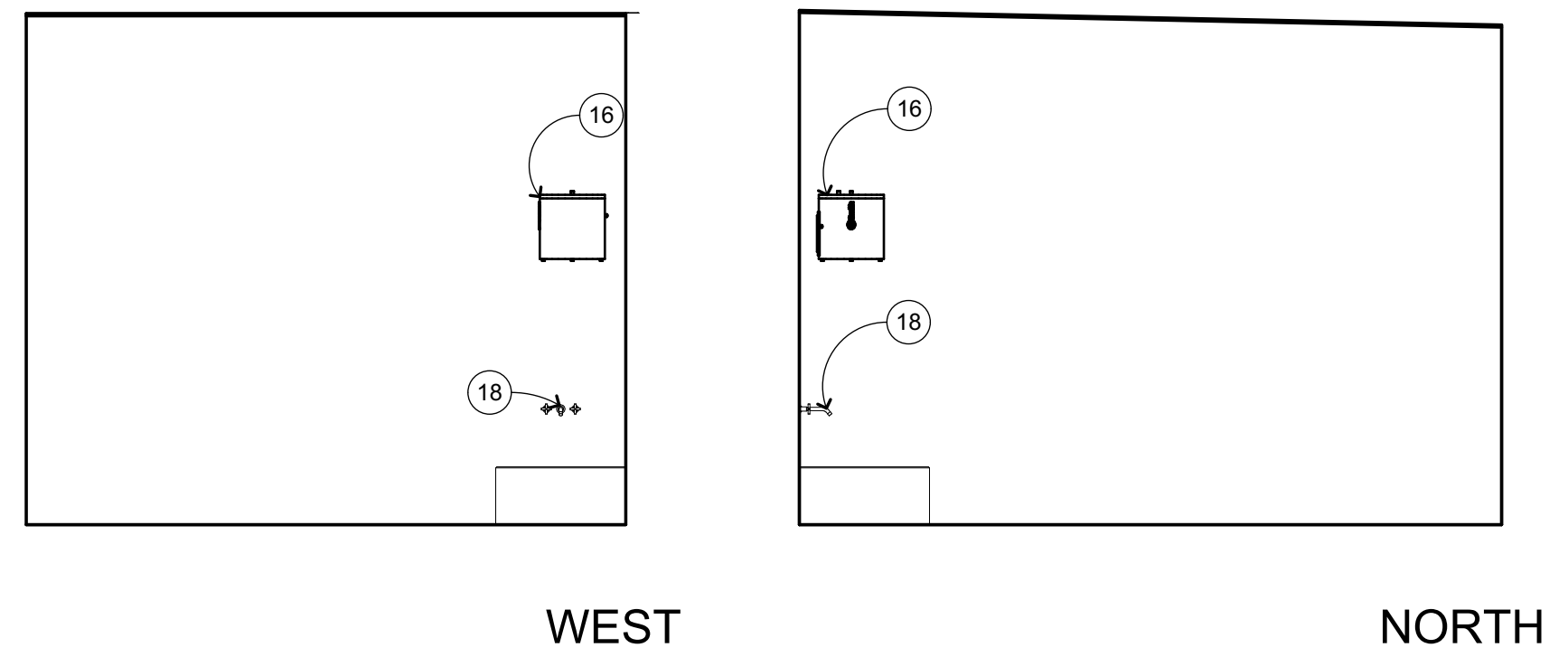
**PREP ROOM B102**  
1/4" = 1'-0" A-B2.1



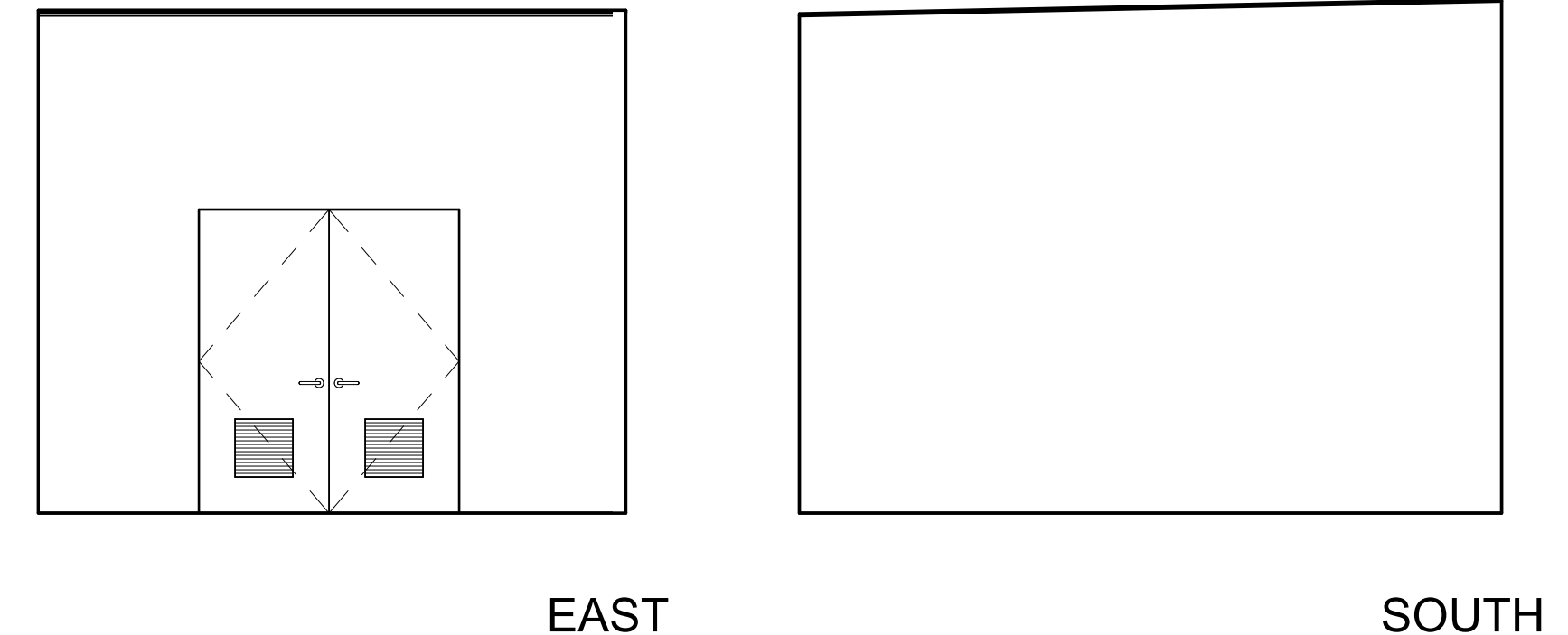
**MECHANICAL B109**  
1/4" = 1'-0" A-B2.1



**MECHANICAL B109**  
1/4" = 1'-0" A-B2.1



**CUSTODIAN ROOM B108**  
1/4" = 1'-0" A-B2.1



**CUSTODIAN ROOM B108**  
1/4" = 1'-0" A-B2.1

**INTERIOR ELEVATION KEYNOTES**

NOT ALL KEYNOTES MAY APPLY TO THIS SHEET

- 1 MARKER BOARD CASEWORK
- 2 WALL MOUNTED SHORT THROW PROJECTOR, OFCI
- 3 SIGNAGE, SEE 10 A-8.1
- 4 SEMI-RECESSED FIRE EXTINGUISHER, SEE 23 A-9.3 SIM
- 5 SOLID FOLDING PARTITION W/ TACKWALL COVERING
- 6 FOAM WALL PADS
- 7 TACK-WALL, SEE FIN SCHED
- 8 MANUAL WINDOW SHADES, SEE 27 A-10.3
- 9 MECHANICAL ITEM, S.M.D.
- 10 EYEWASH STATION
- 11 FUME HOOD
- 12 CASEWORK, SEE 3 A-10.4
- 13 OPEN-SHELVING BOOKSHELVES
- 14 FREE STANDING STAINLESS STEEL SINKS
- 15 ELECTRICAL ITEM, S.E.D.
- 16 PLUMBING ITEM, S.P.D.
- 17 STRUCTURAL ITEM, S.S.D.
- 18 MOP SINK, S.P.D.
- 19 ROOF ACCESS LADDER, SEE 24 A-9.7 25 A-9.7
- 20 MOTORIZED WINDOW SHADES, SEE 28 A-10.3 MTL WD
- 21 TOILET PARTITION, SEE 17 A-10.3 18 A-10.3
- 22 4X8 WALL MOUNTED MARKERBOARD, SEE 34 A-10.3
- 23 ELECTRICAL APPLIANCE, OFCI

**INTERIOR ELEVATION GENERAL NOTES**

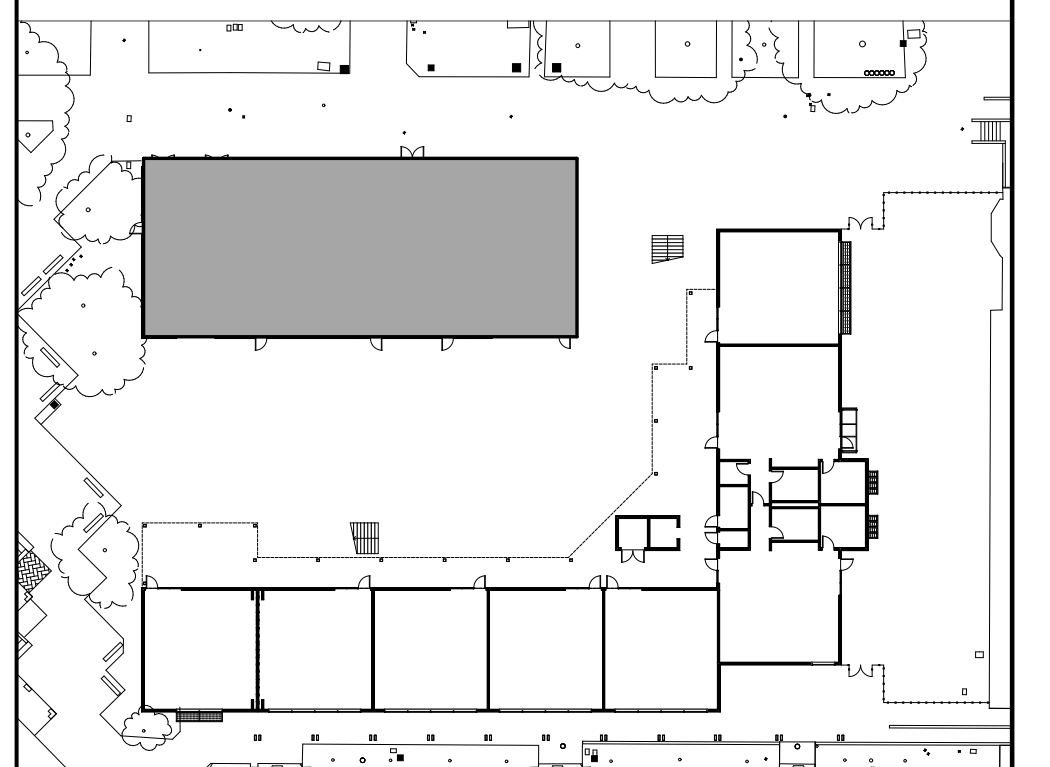
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3. REFER TO ELECTRICAL DRAWINGS FOR HORNS, SPEAKERS, PULL STATIONS AND OTHER FEATURES NOT OTHERWISE SHOWN.
4. TYPICAL MOUNTING HEIGHTS OF ACCESSIBLE ELEMENTS AT ACCESSIBLE FIXTURES SEE 5 A-10.3
5. FLUSH VALVE HANDLES SHALL BE LOCATED AT THE WIDE SIDE OF ACCESSIBLE STALL.
6. FLOORING & BASE SHALL EXTEND UNDER ACCESSIBLE SINK/LAVATORY BASE CABINETS TO THE WALL. WATER SUPPLY AND DRAINPIPES ACCESSIBLE UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.
7. PROVIDE SOLID BLOCKING FOR CABINET, ACCESSORY, OR EQUIPMENT MOUNTING 1 WD FRMCA-10.3 21 MTL FRMG A-10.3

**WALL FINISH CODES**

FOR OVERALL WALL AND BASE FINISHES, SEE FINISH PLANS. FOR MATERIAL INFORMATION, SEE FINISH SCHEDULE SEE SHEET A-8.3. FOR PAINT FINISHES SEE SEC. 09 9113 (EXTERIOR) & 09 9123 (INTERIOR). ALL GYP BD TO BE TYPE "X".

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- P2 CERAMIC WALL TILE 35 A-10.3
- WT1 CERAMIC WALL TILE 9 A-10.3
- WT2 TACK WALL 9 A-10.3
- TAC1 TACK WALL 9 A-10.3
- TAC2 TACK WALL 9 A-10.3
- AP1 ACOUSTIC PANELS
- MP1 METAL PERFORATED WALL PANELS
- WP1 FRP PANEL
- WP3 WALL FOAM PAD
- PLY1 3/4" MDO FIRE RATED PLYWOOD

**KEY PLAN**



IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 01-119994 INC.  
REVIEWED FOR  
SS  FLS  ACS   
DATE: 08/16/2022

**QUATTROCCHI KWOK ARCHITECTS**  
Main:  
636 Fifth Street, Santa Rosa, CA 95404  
East Bay:  
55 Harrison Street, Suite 525,  
Oakland, CA 94607  
(707) 576-0829  
LICENSE # C22843  
EXP JUNE 30, 2023  
SIGNED: JUNE 24, 2022

**LIBERTY HIGH SCHOOL**

**NEW CLASSROOM BUILDINGS**

850 2ND STREET  
BRENTWOOD, CA  
94513

LIBERTY UNION  
HIGH SCHOOL  
DISTRICT

08/18/22	BID CLARIFICATION

DSA APP NO. 01-119994  
ARCH PROJECT NO. 1925.00  
DRAWN BY: HD  
DRAWING SCALE: 1/8" = 1'-0"  
PTN: 61721-83 FILE NO: 7-H4  
CONSTRUCTION DOCUMENTS  
JUNE 24, 2022

BID CLARIFICATION 03  
**INTERIOR ELEVATIONS**

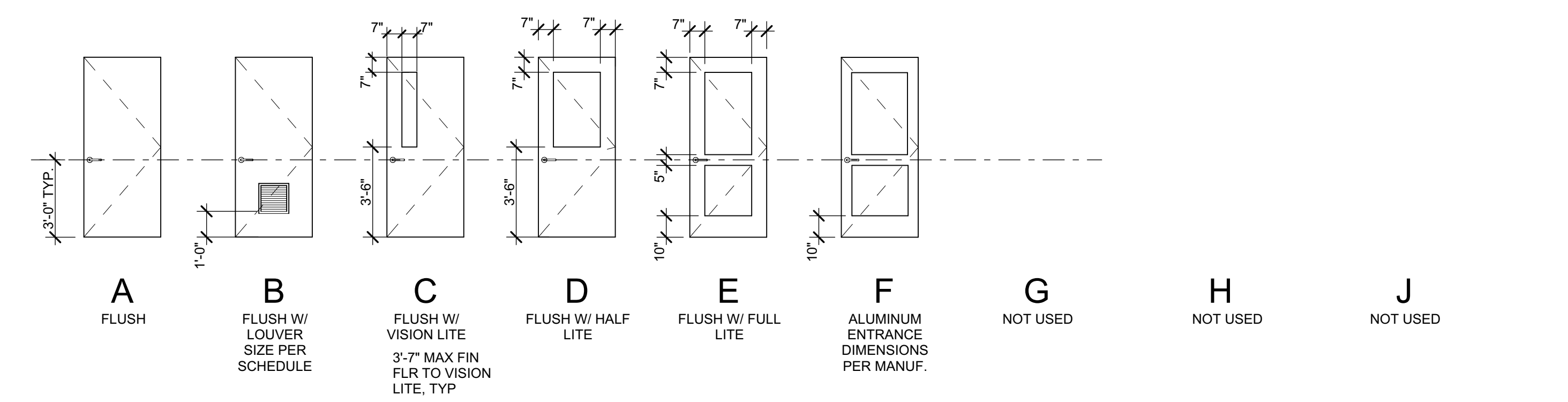
SHEET NUMBER  
**A-B7.2**



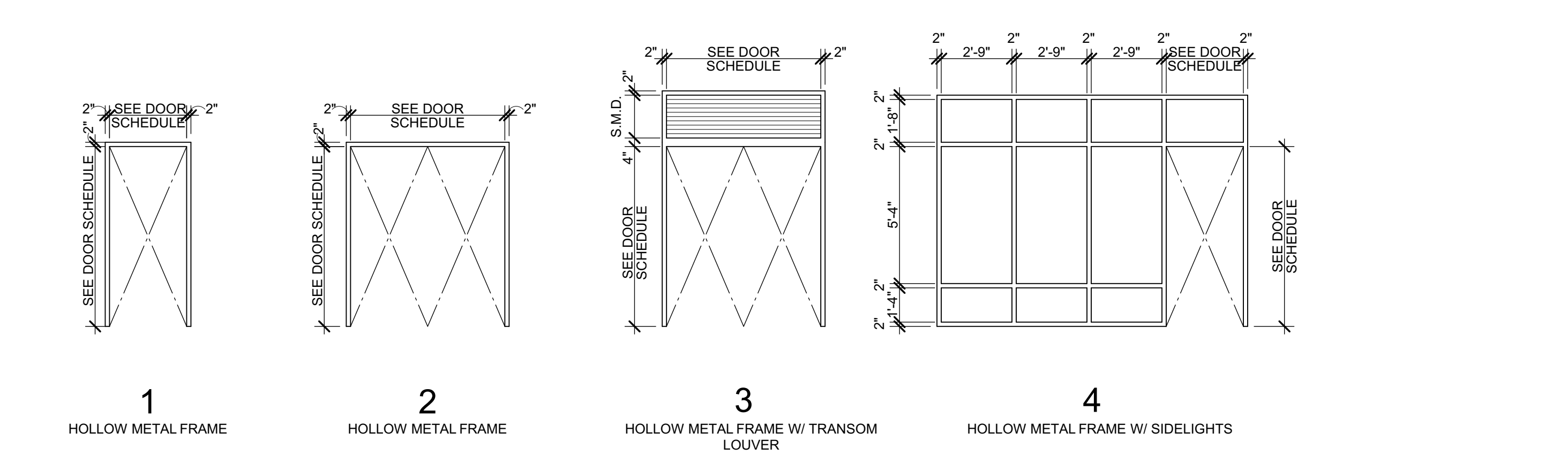
DOOR SCHEDULE												
Element ID	TYPE	DOOR			FRAME			LOUVER SIZE	LABEL	HDWR	P. H.	REMARKS
		SIZE	MAT	FIN	TYPE	MAT	FIN					
A101	F	3'-0" x 7'-0"	ALUM	FAC FIN	SF10	ALUM	FAC FIN		-	1	PH	
A102	F	3'-0" x 7'-0"	ALUM	FAC FIN	SF11	ALUM	FAC FIN		-	1	PH	
A103	F	3'-0" x 7'-0"	ALUM	FAC FIN	SF11	ALUM	FAC FIN		-	1	PH	
A104	F	3'-0" x 7'-0"	ALUM	FAC FIN	SF11	ALUM	FAC FIN		-	2	PH	
A105	F	3'-0" x 7'-0"	ALUM	FAC FIN	SF10	ALUM	FAC FIN		-	2	PH	
A106A	F	3'-0" x 7'-0"	ALUM	FAC FIN	SF13	ALUM	FAC FIN		-	2	PH	
A106AA	A	3'-0" x 7'-0"	WOOD	STAIN	1	H.M.	PAINT		-	3		
A106B	F	3'-0" x 7'-0"	ALUM	FAC FIN	SF10	ALUM	FAC FIN		-	1	PH	
A106BA	D	3'-0" x 7'-0"	WOOD	STAIN	1	H.M.	PAINT		-	4		
A106C	D	3'-0" x 7'-0"	WOOD	STAIN	1	H.M.	PAINT		-	5		
A107	B	3'-0" x 7'-0"	H.M.	PAINT	1	H.M.	PAINT	1'-0" x 1'-0"	-	6		
A108	A	3'-0" x 7'-0"	H.M.	PAINT	1	H.M.	PAINT		-	6	PH	
A109A	D	3'-0" x 7'-0"	WOOD	STAIN	1	H.M.	PAINT		-	4		
A110A	F	3'-0" x 7'-0"	ALUM	FAC FIN	SF10	ALUM	FAC FIN		-	1	PH	
A110AA	A	3'-0" x 7'-0"	WOOD	STAIN	1	H.M.	PAINT		-	3		
A110B	F	3'-0" x 7'-0"	ALUM	FAC FIN	SF11	ALUM	FAC FIN		-	1	PH	
A110BA	D	3'-0" x 7'-0"	WOOD	STAIN	1	H.M.	PAINT		-	4		
A111A	F	3'-0" x 7'-0"	ALUM	FAC FIN	SF10	ALUM	FAC FIN		-	1	PH	
A112	A	3'-6" x 7'-0"	H.M.	PAINT	1	H.M.	PAINT		-	6		
A201	F	3'-0" x 7'-0"	ALUM	FAC FIN	SF10	ALUM	FAC FIN		-	1	PH	
A202	F	3'-0" x 7'-0"	ALUM	FAC FIN	SF11	ALUM	FAC FIN		-	1	PH	
A203	F	3'-0" x 7'-0"	ALUM	FAC FIN	SF11	ALUM	FAC FIN		-	1	PH	
A204	F	3'-0" x 7'-0"	ALUM	FAC FIN	SF11	ALUM	FAC FIN		-	2	PH	
A205	F	3'-0" x 7'-0"	ALUM	FAC FIN	SF10	ALUM	FAC FIN		-	2	PH	
A206	F	3'-0" x 7'-0"	ALUM	FAC FIN	SF13	ALUM	FAC FIN		-	2	PH	
A207	A	3'-0" x 7'-0"	H.M.	PAINT	1	H.M.	PAINT		-	6		
A208	F	3'-0" x 7'-0"	ALUM	FAC FIN	SF13	ALUM	FAC FIN		-	2	PH	
A208A	A	3'-0" x 7'-0"	WOOD	STAIN	1	H.M.	PAINT		-	7		
A208B	A	3'-0" x 7'-0"	WOOD	STAIN	4	H.M.	PAINT		-	4		
A209	F	3'-0" x 7'-0"	ALUM	FAC FIN	SF10	ALUM	FAC FIN		-	2	PH	
A210	F	3'-0" x 7'-0"	ALUM	FAC FIN	SF10	ALUM	FAC FIN		-	1	PH	
B101A	F	3'-0" x 7'-0"	ALUM	FAC FIN	CW01	ALUM	FAC FIN		-	2	PH	
B101B	F	3'-0" x 7'-0"	ALUM	FAC FIN	SF13	ALUM	FAC FIN		-	1	PH	
B102A	D	3'-0" x 7'-0"	WOOD	STAIN	1	H.M.	PAINT	45-MIN	8		ADD "D-H" LABEL	
B102B	D	3'-0" x 7'-0"	WOOD	STAIN	1	H.M.	PAINT	45-MIN	8		ADD "D-H" LABEL	
B103A	F	3'-0" x 7'-0"	ALUM	FAC FIN	SF14	ALUM	FAC FIN		-	1	PH	
B103B	F	3'-0" x 7'-0"	ALUM	FAC FIN	SF13	ALUM	FAC FIN		-	1	PH	
B104	B	3'-0" x 7'-0"	H.M.	PAINT	1	H.M.	PAINT	1'-6" x 1'-6"	-	10		
B105	B	3'-0" x 7'-0"	H.M.	PAINT	1	H.M.	PAINT	1'-6" x 1'-6"	-	10		
B106	A	3'-0" x 7'-0"	H.M.	PAINT	1	H.M.	PAINT		-	6		
B107	A	PR - 3'-0" x 7'-0"	H.M.	PAINT	2	H.M.	PAINT		-	9		
B108	B	PR - 3'-0" x 7'-0"	H.M.	PAINT	2	H.M.	PAINT	1'-4" x 1'-4"	-	9		
B109	A	PR - 3'-0" x 7'-0"	H.M.	PAINT	2	H.M.	PAINT		-	9		

GATE SCHEDULE						
ID	GATE TYPE	WIDTH	HEIGHT	HDWR GROUP	DETAIL	REMARKS
G01	DOUBLE-GATE	6'-0"	8'-0"	12		
G02	SINGLE-GATE	3'-0"	8'-0"	11		
G03	DOUBLE-GATE	6'-0"	8'-0"	12		
G04	DOUBLE-GATE	6'-0"	8'-0"	12		

### DOOR PANEL TYPES



### HOLLOW METAL DOOR FRAME TYPES



1. ALL EXIT DOORS IN SCHOOL BUILDINGS, INCLUDING BUT NOT LIMITED TO DOORS OF TOILET ROOMS AND STORAGE ROOMS SHALL CONFORM TO CBC 1010. EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, OR SPECIAL KNOWLEDGE OR EFFORT.

2. EXIT DEVICES (PANIC HARDWARE) SHALL BE INSTALLED IN CONFORMANCE WITH CBC 1010.1.10. PANIC HARDWARE IS REQUIRED FROM ROOMS AND CORRIDORS OF A ORE OCCUPANCY WHERE OCCUPANT LOAD EXCEEDS 50 PER CBC 1010.1.10

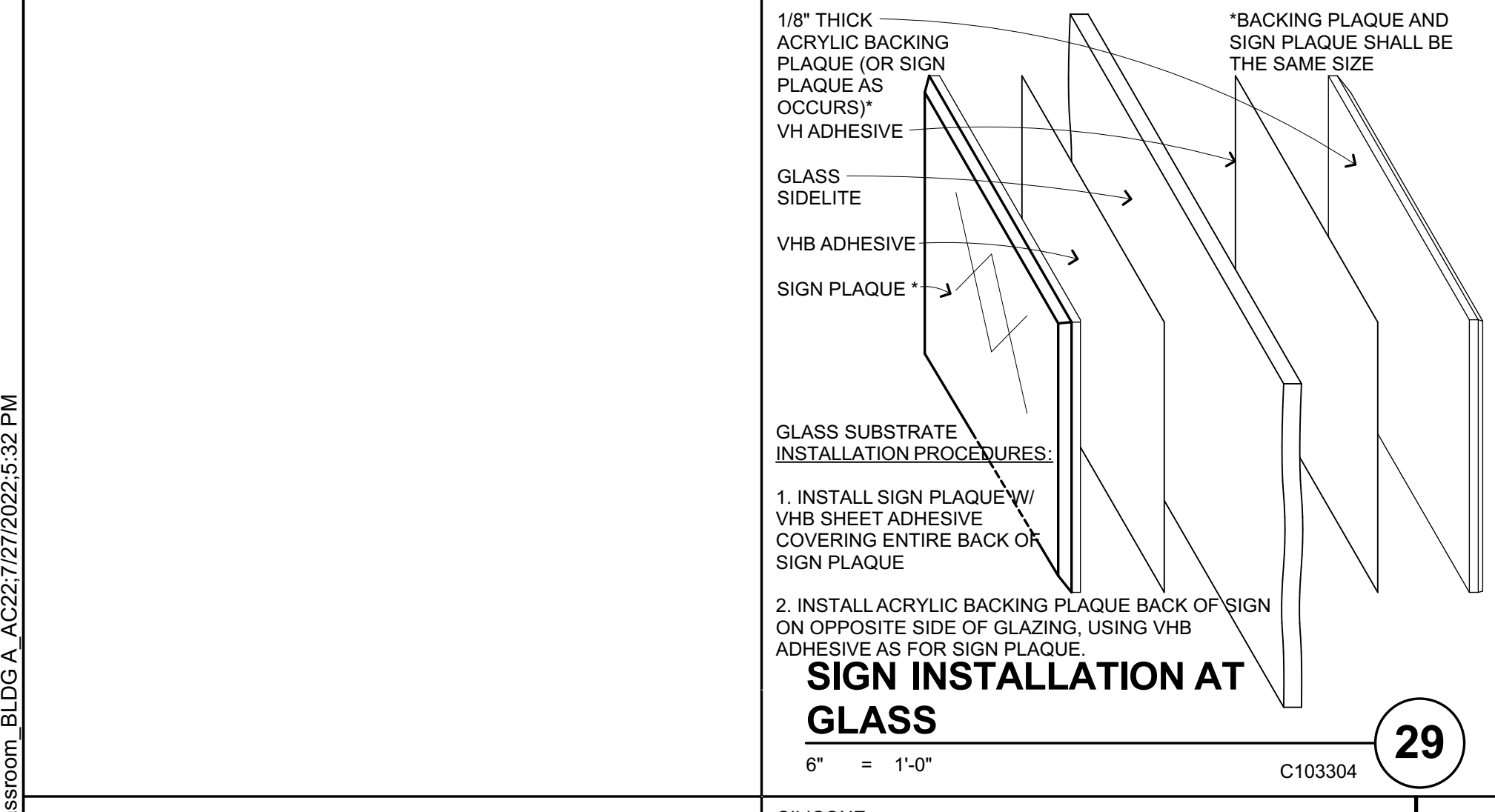
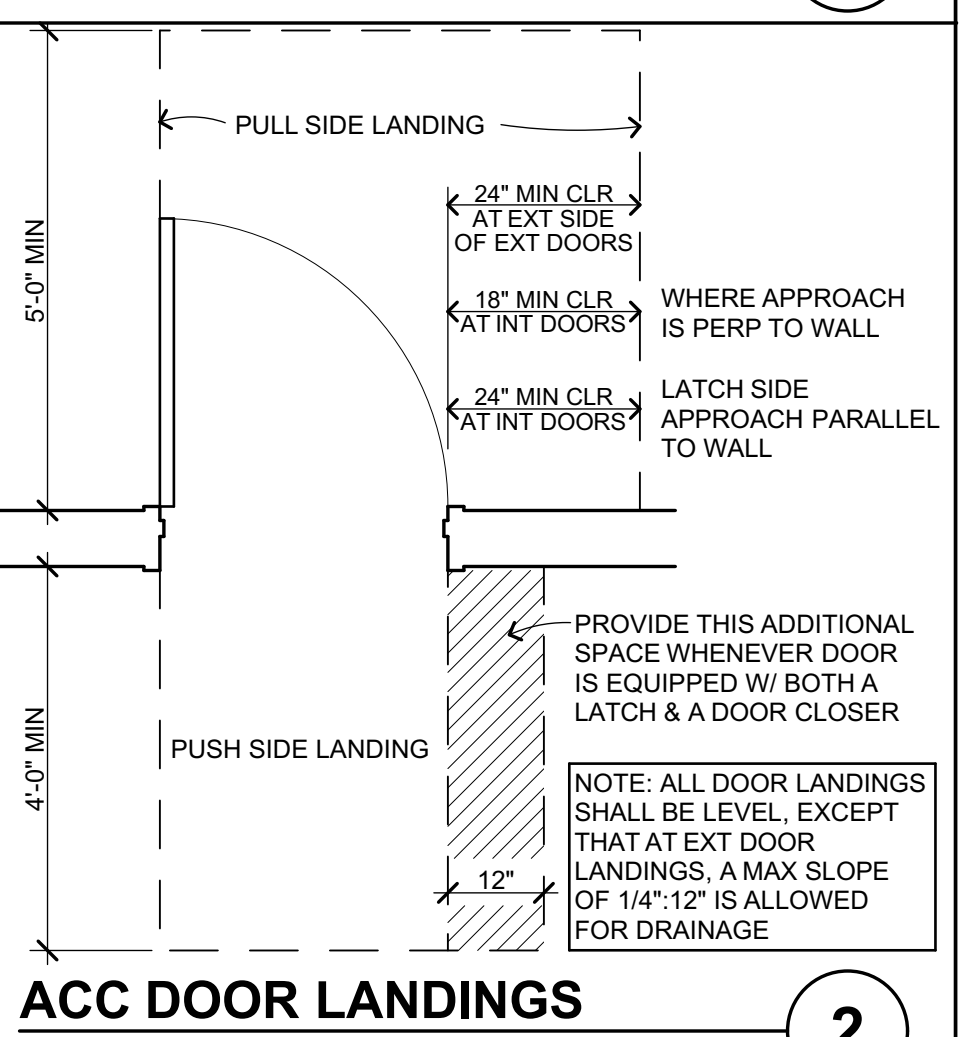
3. ALL DOORS AT E OCCUPANCY WITH AN OCCUPANT LOAD GREATER THAN 5 SHALL BE LOCKABLE FROM THE INSIDE.

4. DOORS WITH CLOSERS SHALL BE ADJUSTED TO PROVIDE MINIMUM DOOR CLOSER PERIOD OF FIVE SECONDS FROM A POSITION OF 90 DEGREES TO WITHIN 12 DEGREES OF THE DOOR LATCH, MEASURED FROM THE LEADING EDGE OF THE DOOR.

5. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 POUNDS APPLIED IN THE DIRECTION OF TRAVEL. REQUIRED FIRE DOORS SHALL HAVE A MAXIMUM OPERATING EFFORT NOT TO EXCEED 15 POUNDS. THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OTHER DEVICES THAT HOLD THE DOOR OR GATE IN A CLOSED POSITION.

6. SEE ARCHITECTURAL SIGNAGE DRAWINGS FOR SIGNS ON DOORS AND SIGNS RELATED TO ENTRANCE AND EXIT. REFER TO SITE PLAN FOR SITE SIGNAGE.

### DOOR GENERAL NOTES

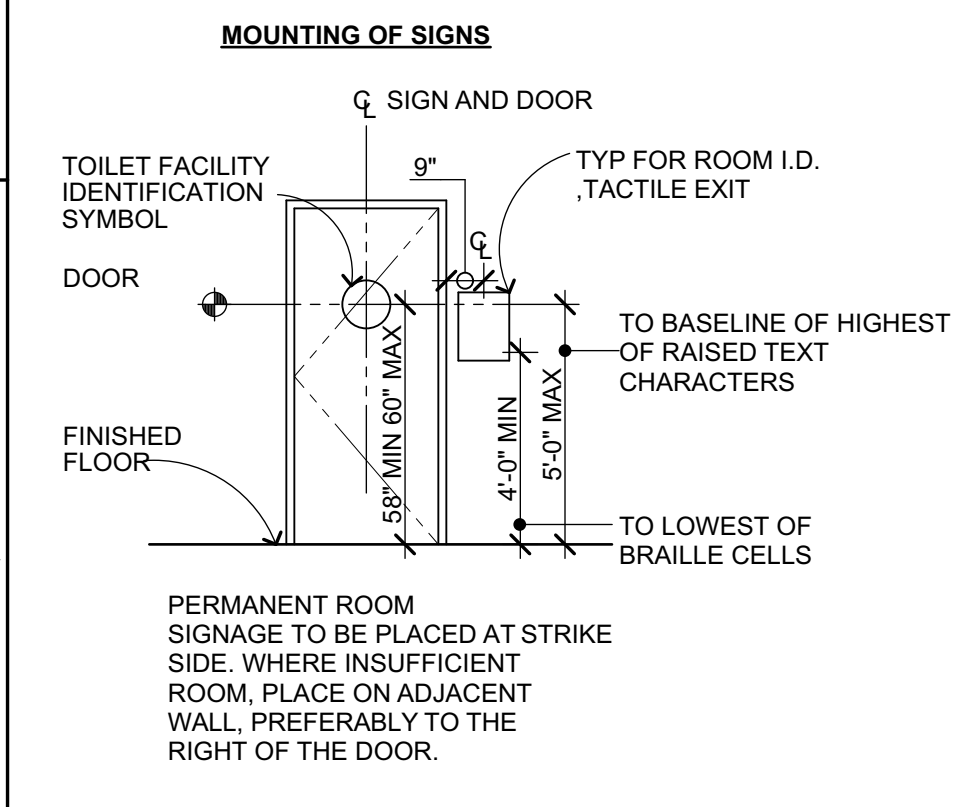


### MINIMUM CBC REQUIREMENTS.

**TYPICAL PLAQUE NOTES U.O.N.**  
NON-GLARE FINISH PLAQUES WITH TACTILE LETTERING AND SYMBOLS (RAISED 1/32") INCLUDES CALIFORNIA CONTRACTED GRADE 2 BRAILLE RAISED 1/40" PER CBC REQUIREMENTS. SAN SERIF FONT SELECTION SHALL HAVE THE WIDTH OF THE UPPER CASE LETTER "O" IS 80% MIN AND 110% MAX OF THE HEIGHT OF THE UPPER CASE LETTER "I". A STROKE WIDTH TO HEIGHT OF THE UPPER CASE LETTER "I" SHALL BE 10% MAX OF HT OF CHARACTER.

**TEXT**  
TEXT SIZE:  
5/8" MIN. TEXT (48 PT.)  
2" MAX.

**TYP DIM TEXT & BRAILLE**  
RAISED TEXT 1/8" MIN. 1/2" MAX.  
BRAILLE 5/16" MIN. 1/2" MAX.



**ACCESSIBLE ENTRANCE SIGN (A1)**  
VINYL 6"X6" BACKING WITH VINYL SYMBOL, BLUE BACKGROUND WITH WHITE SYMBOL. PROVIDE AT MAIN ENTRANCE AND AS NOTED.

**LIFT SIGNAGE (A2)**  
LAYOUT AND LETTER STYLE TO BE SELECTED & APPROVED BY ARCHITECT.

**ACCESSIBLE LIFT**  
DO NOT USE LIFT TO TRANSPORT MATERIALS OR EQUIPMENT.  
IN CASE OF EMERGENCY: 900-000-0000  
750 LBS MAX CAPACITY  
5/8" MIN TEXT (48 PT.)

**FIRE RISER ROOM SIGN (F1)**  
"FIRE RISER INSIDE"  
2" MIN TEXT PER CBC 902.1.2

**ROOM OCCUPANCY SIGNAGE (C1)**  
INSTALLATION LOCATION PER PLANS AND CBC REQUIREMENTS.  
PROVIDE AT ALL ROOMS W/ OCCUPANT LOADS GREATER THAN 50.  
VERIFY ACTUAL # W/ ARCHITECT

**PERMANENT ROOM I.D. SIGNAGE (D1)**  
INSTALL NEXT TO ENTRANCE DOORS, PER CBC REQUIREMENTS.

**TACTILE EXIT SIGN AT ALL EXIT DOORS (E1)**  
RAISED LETTERS "EXIT", BRAILLE "EXIT", CONTRACTED GRADE 2 BRAILLE  
LOCATED AT ALL EXIT DOORS IN ADDITION TO OVERHEAD, ILLUMINATED EXIT SIGNS.  
INSTALL ON THE WALL ADJACENT TO THE LATCH ON THE OUTSIDE OF THE DOOR WHERE THERE IS NO WALL SPACE ON THE WALL LATCH SIDE INCLUDING AT DOUBLE LEAF DOORS. SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT SIDE.

**TACTILE EXIT ROUTE SIGN (E2)**  
POST AS INDICATED AT DOORS TO EXIT ROUTE THAT DO NOT LEAD DIRECTLY TO THE EXTERIOR  
MIN DIMENSIONS SHOWN, WHERE BACK TO BACK SIGNS ARE APPLIED OVER GLASS, WIDTHS TO MATCH.

**TOILET ROOM DOOR SIGNAGE (B1, B2)**  
PROVIDE AT ACCESSIBLE TOILET ROOMS.

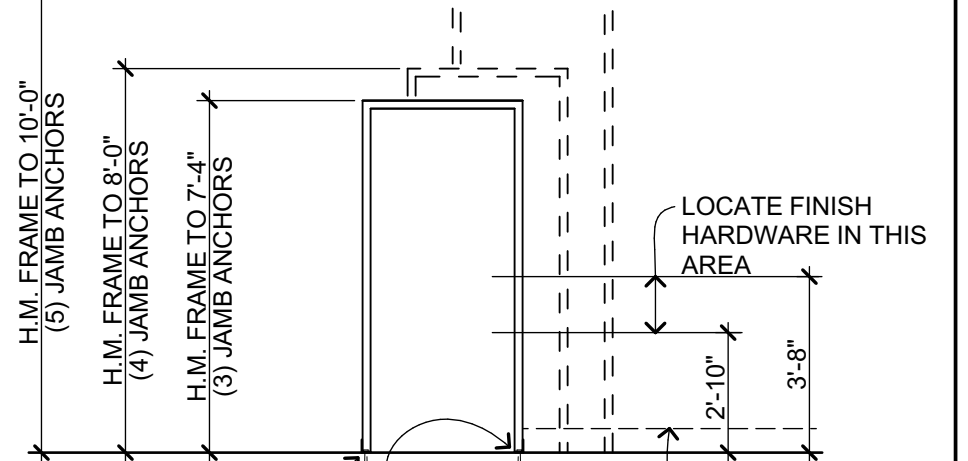
**UNISEX TOILET FACILITY IDENTIFICATION SYMBOLS**  
CIRCLE, 12 INCHES IN DIAMETER WITH AN EQUILATERAL TRIANGLE 1/4" THICK SUPERIMPOSED ON THE CIRCLE AND WITHIN THE 12 INCH DIAMETER VERTICES POINTING UPWARD. COLOR OF TRIANGLE SHALL CONTRAST WITH COLOR OF CIRCLE. COLOR OF CIRCLE SHALL CONTRAST WITH COLOR OF DOOR. 70% MINIMUM CONTRAST.  
\*DOUBLE STICK FOAM TAPE ADHESIVE. SEE PLANS FOR LOCATIONS.  
\*PROVIDE AT ACCESSIBLE TOILET ROOM DOOR CENTERED AT 60" HIGH. SEE ACCOMPANYING DIAGRAM.

**FIRE RISER ROOM SIGN (F1)**  
POST AS INDICATED AT INTERIOR AND EXTERIOR DOORS TO FIRE RISER ROOMS

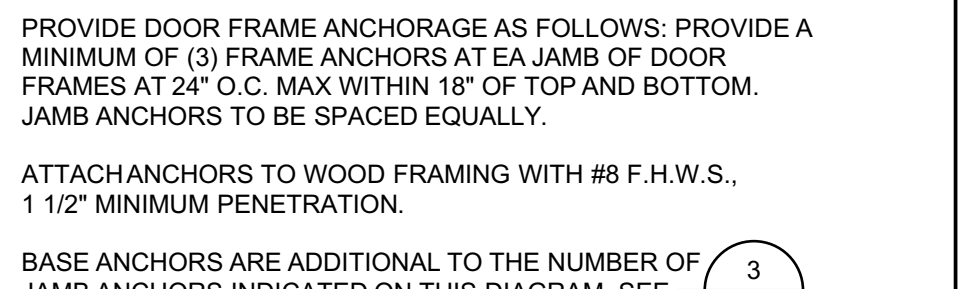
**ELEVATOR MACHINE ROOM SIGN (G1)**  
POST INSIDE ELEVATOR MACHINE ROOM IN A CONSPICUOUS LOCATION, MIN OF 1-5" HIGH LETTERS ON A CONTRASTING BACKGROUND, NO BRAILLE FOR THIS SIGN ONLY

**AREA OF RESCUE ASSISTANCE SIGN (H1)**  
POST ABOVE TWO-WAY COMMUNICATION DEVICE AT ELEVATOR

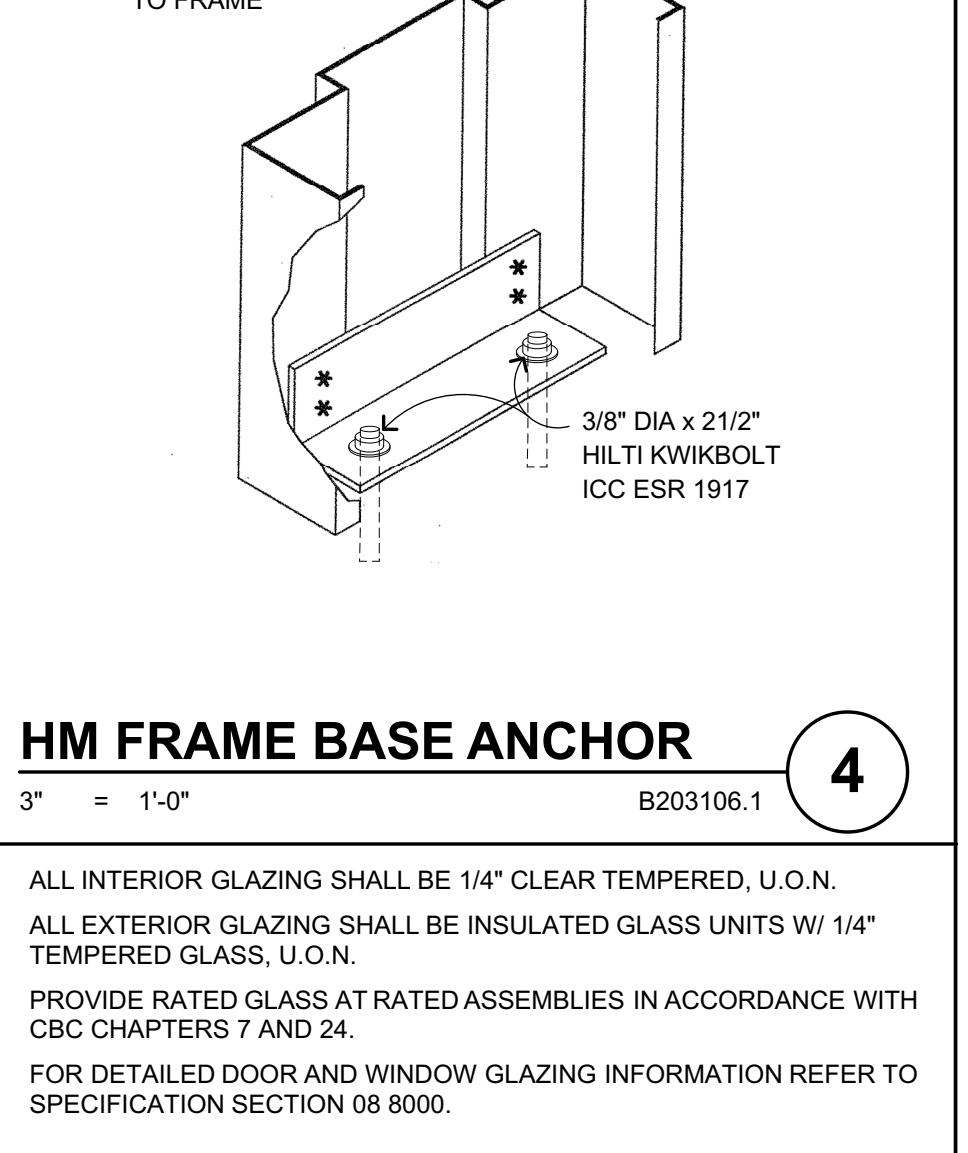
### ACC DOOR LANDINGS



### HM FRAME ANCHORAGE



### HM FRAME BASE ANCHOR



### GLAZING GENERAL NOTES

1. ALL INTERIOR GLAZING SHALL BE 1/4" CLEAR TEMPERED, U.O.N.

2. ALL EXTERIOR GLAZING SHALL BE INSULATED GLASS UNITS W/ 1/4" TEMPERED GLASS, U.O.N.

3. PROVIDE RATED GLASS AT RATED ASSEMBLIES IN ACCORDANCE WITH CBC CHAPTERS 7 AND 24.

4. FOR DETAILED DOOR AND WINDOW GLAZING INFORMATION REFER TO SPECIFICATION SECTION 08 8000.

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 01-119994 INC.  
REVIEWED FOR:  
SS  FLS  ACS   
DATE: 08/16/2022

**QUATTROCCHI KWOK ARCHITECTS**  
Main:  
636 Fifth Street, Santa Rosa, CA 95404  
East Bay:  
55 Harrison Street, Suite 525,  
Oakland, CA, 94607  
(707) 576-0829

**JIM THEISS**  
LICENSE # C22843  
EXP JUNE 30, 2023  
SIGNED: JUNE 24, 2022

**LIBERTY HIGH SCHOOL**  
850 2ND STREET  
BRENTWOOD, CA  
94513

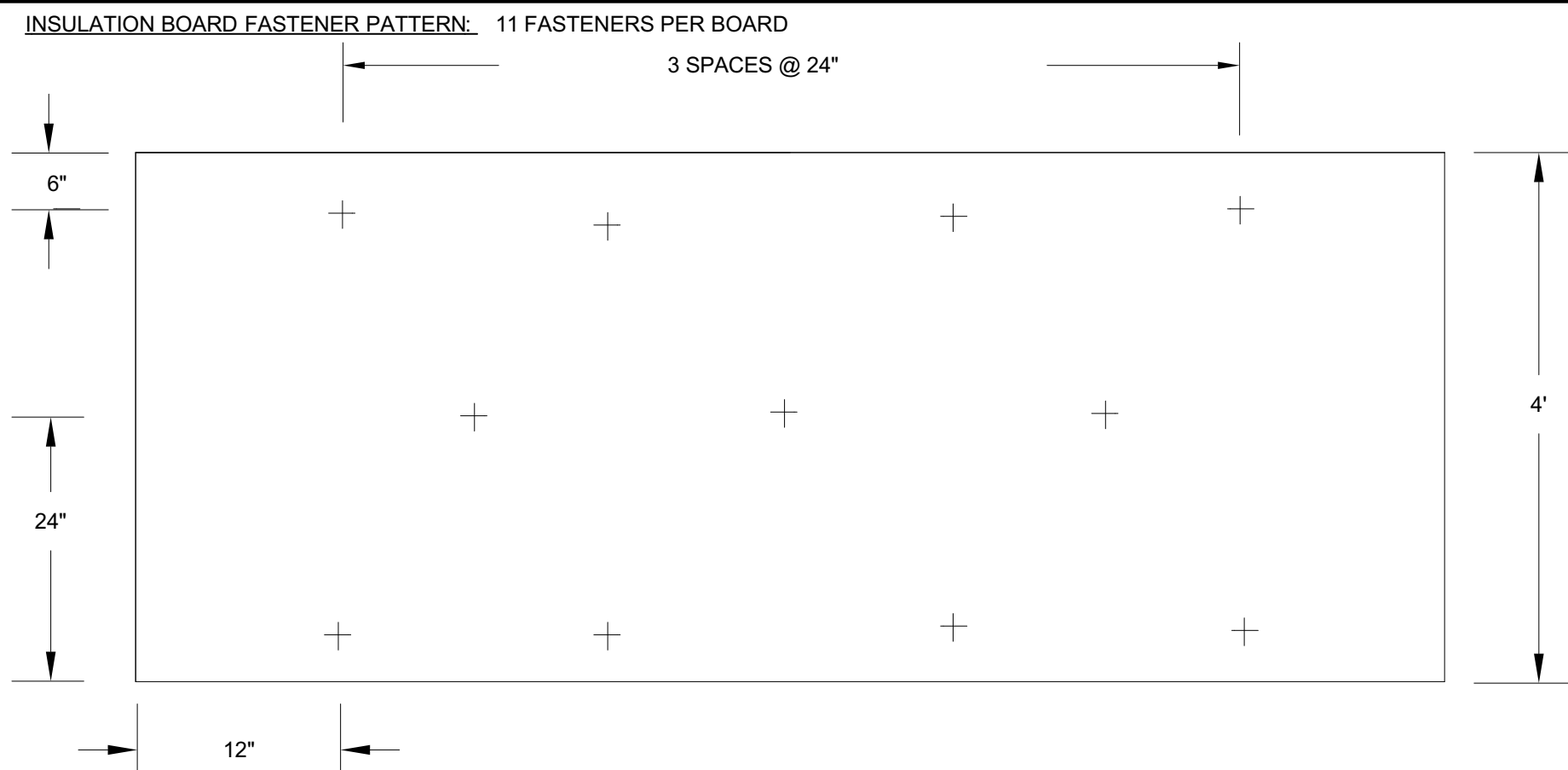
**LIBERTY UNION HIGH SCHOOL DISTRICT**

08/18/22 BID CLARIFICATION

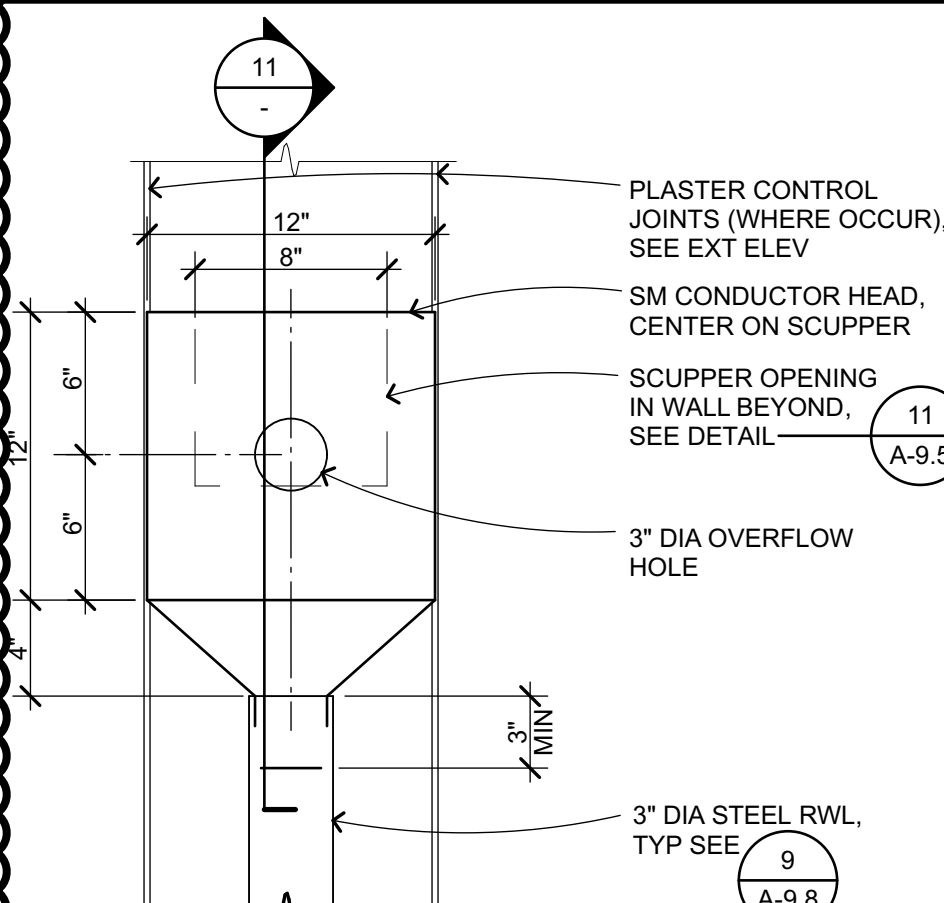

DSA APP NO. 01-119994  
ARCH PROJECT NO. 1925.00  
DRAWN BY: JDS  
DRAWING SCALE: AS SHOWN  
PTN: 61721-83 FILE NO: 7-H4  
**CONSTRUCTION DOCUMENTS**  
JUNE 24, 2022  
SHEET TITLE  
BID CLARIFICATION 03  
**DOOR SCHEDULE AND SIGNAGE**  
SHEET NUMBER  
**A-8.1**

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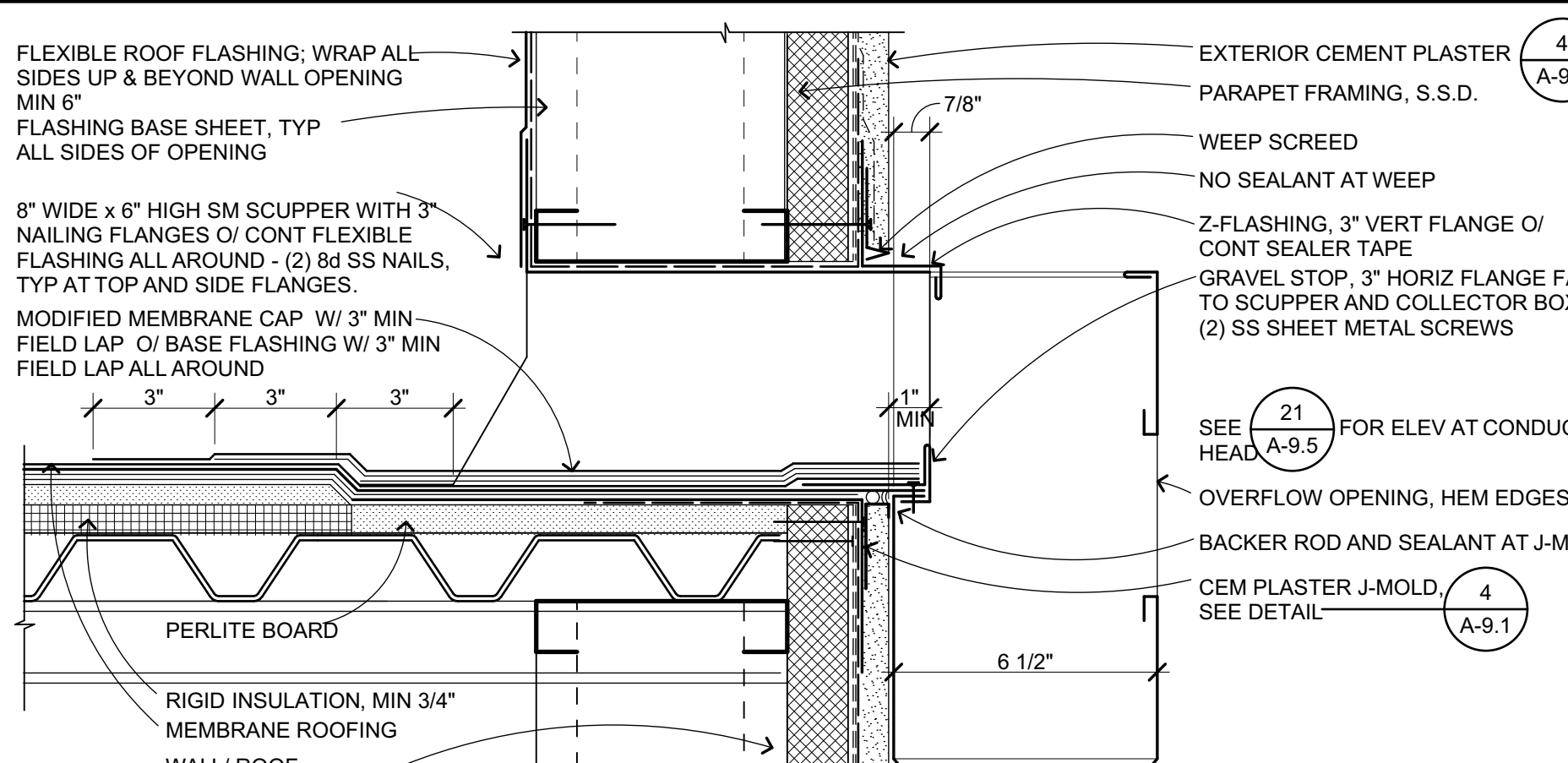




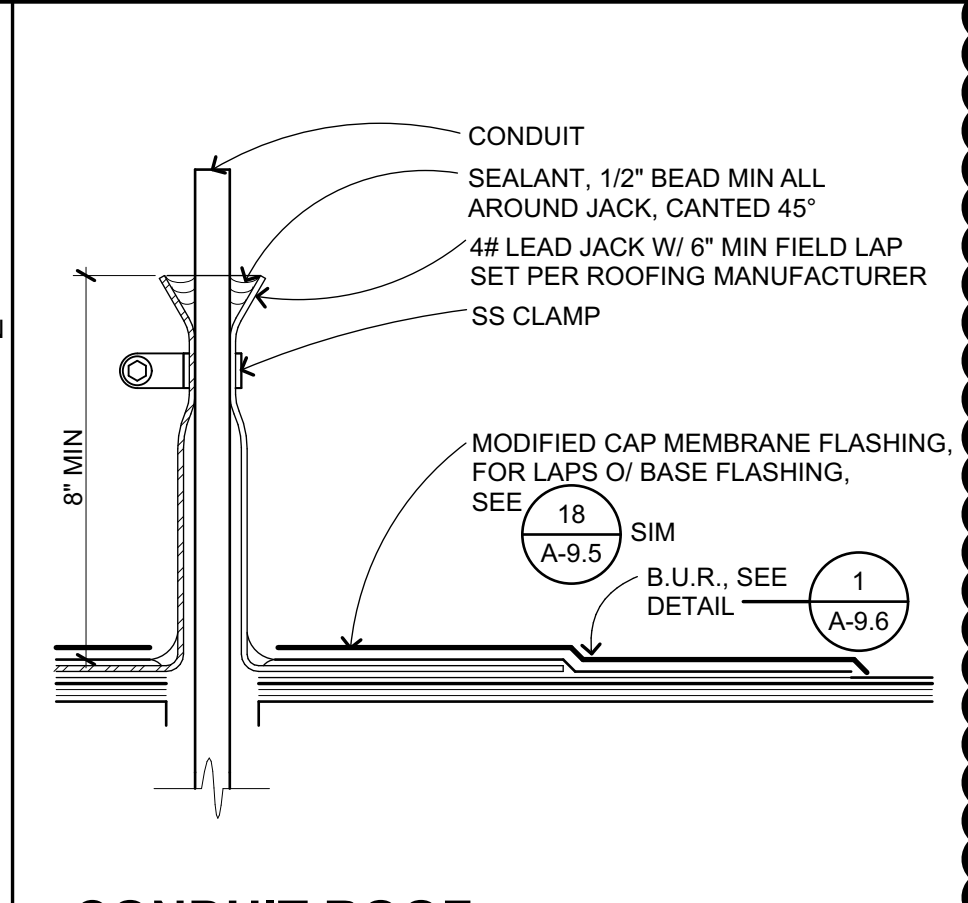
**INSUL BOARD FASTENER PATTERN**  
1/4" = 1'-0" 1925.00 **26**



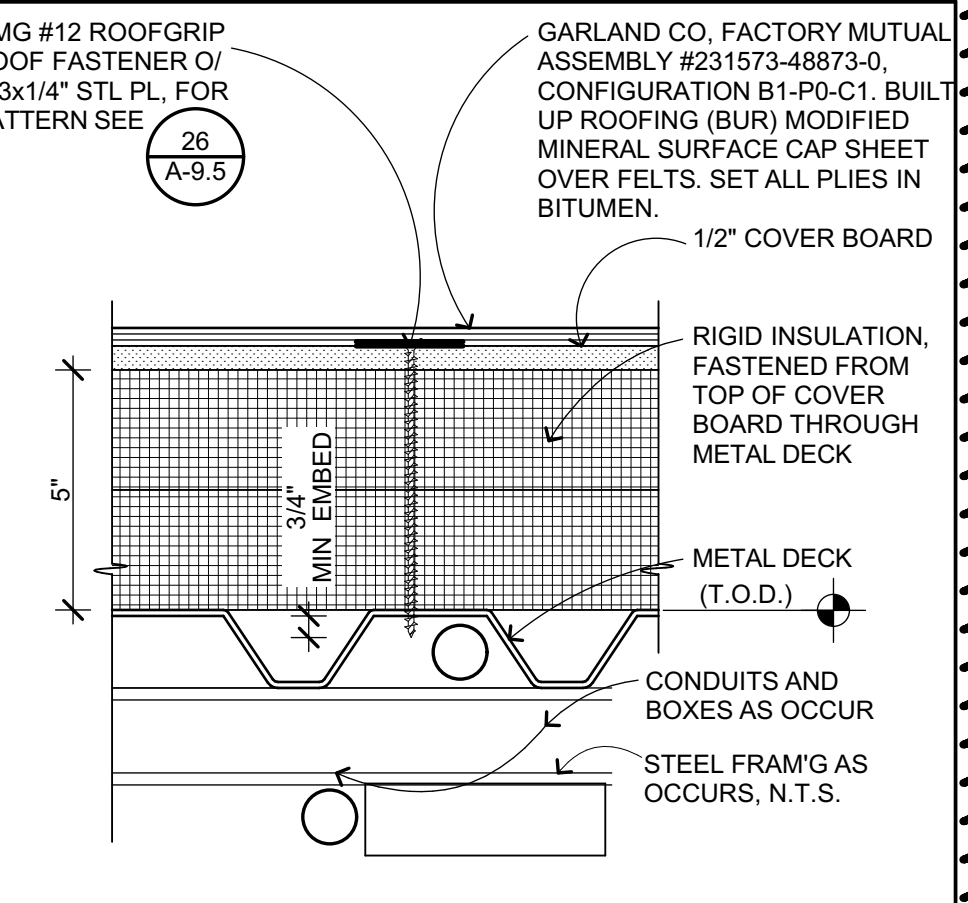
**CONDUCTOR HEAD**  
1 1/2" = 1'-0" B301415 **21**



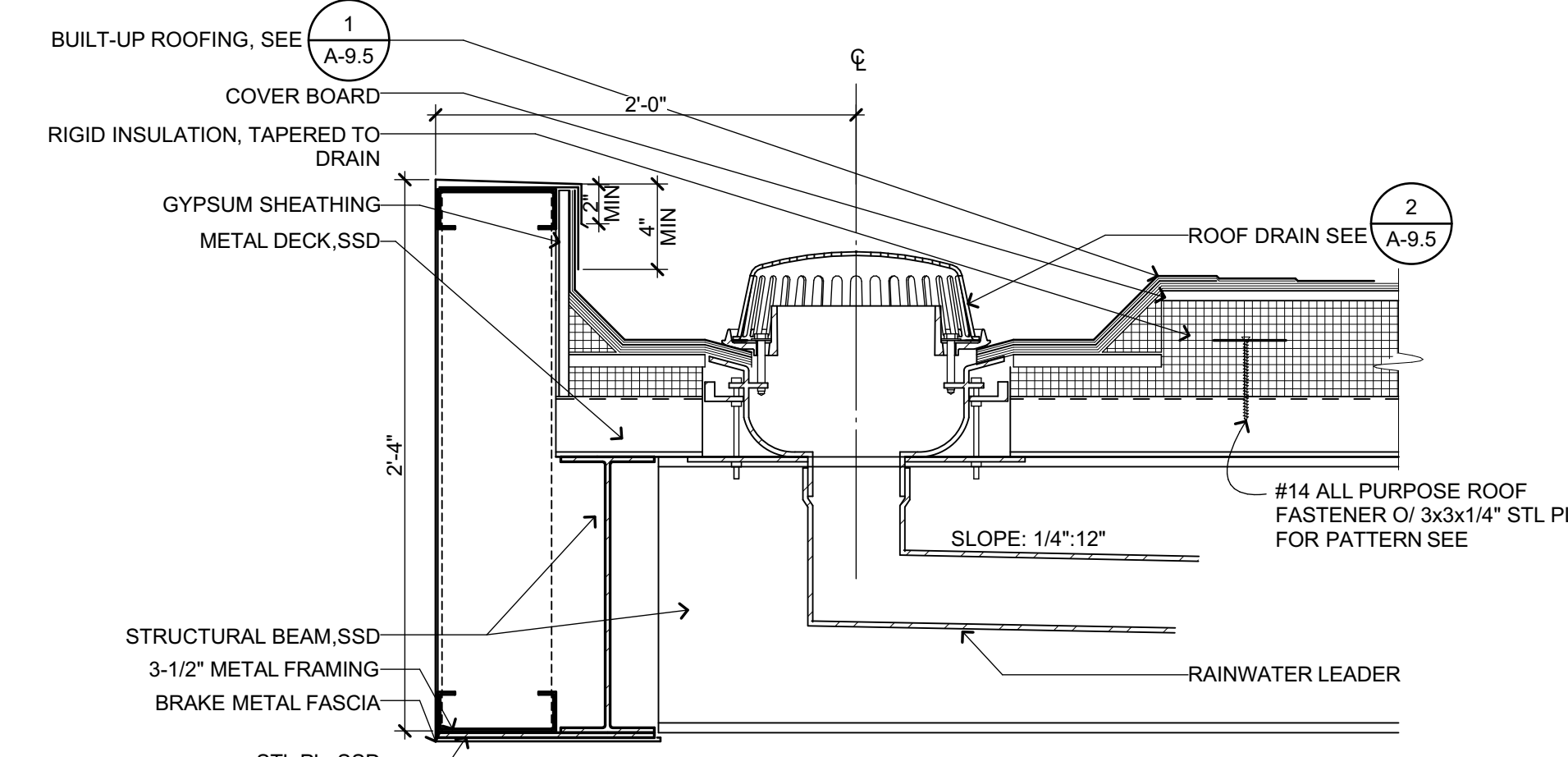
**SCUPPER / CONDUCTOR SECTION**  
3" = 1'-0" B301414 **11**



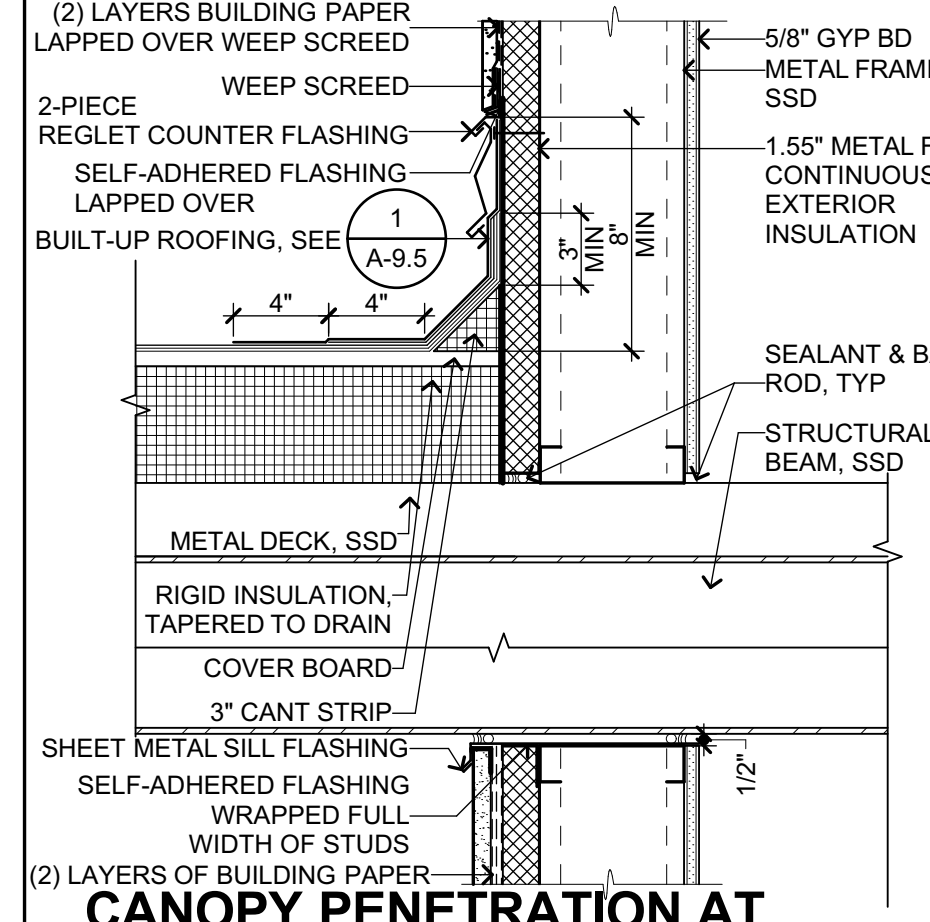
**CONDUIT ROOF PENETRATION FLASH'G**  
3" = 1'-0" B301215 **6**



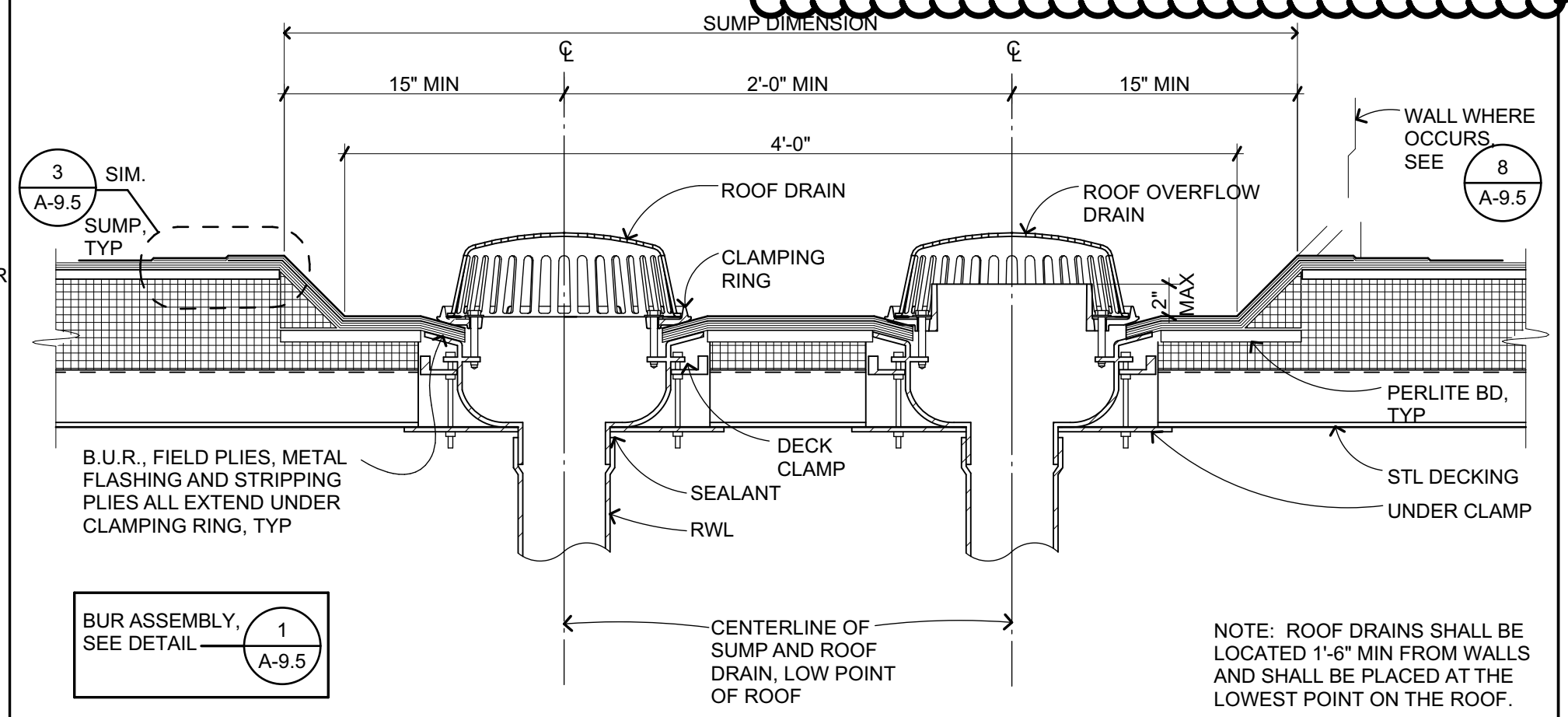
**B.U.R. AT MTL DECK**  
3" = 1'-0" B301205-1 **1**



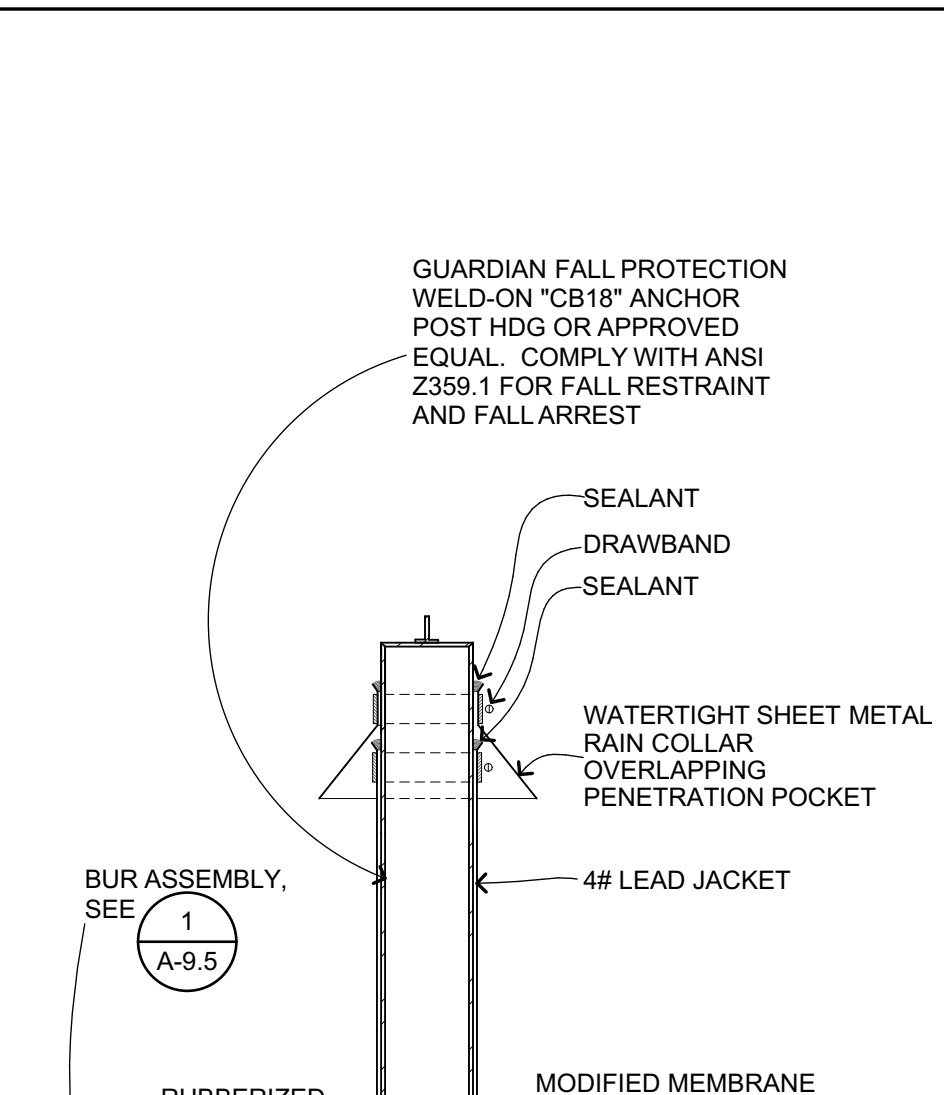
**CANOPY FASCIA AT WEST & SOUTH ELEVATIONS**  
1 1/2" = 1'-0" 1925.00 **17**



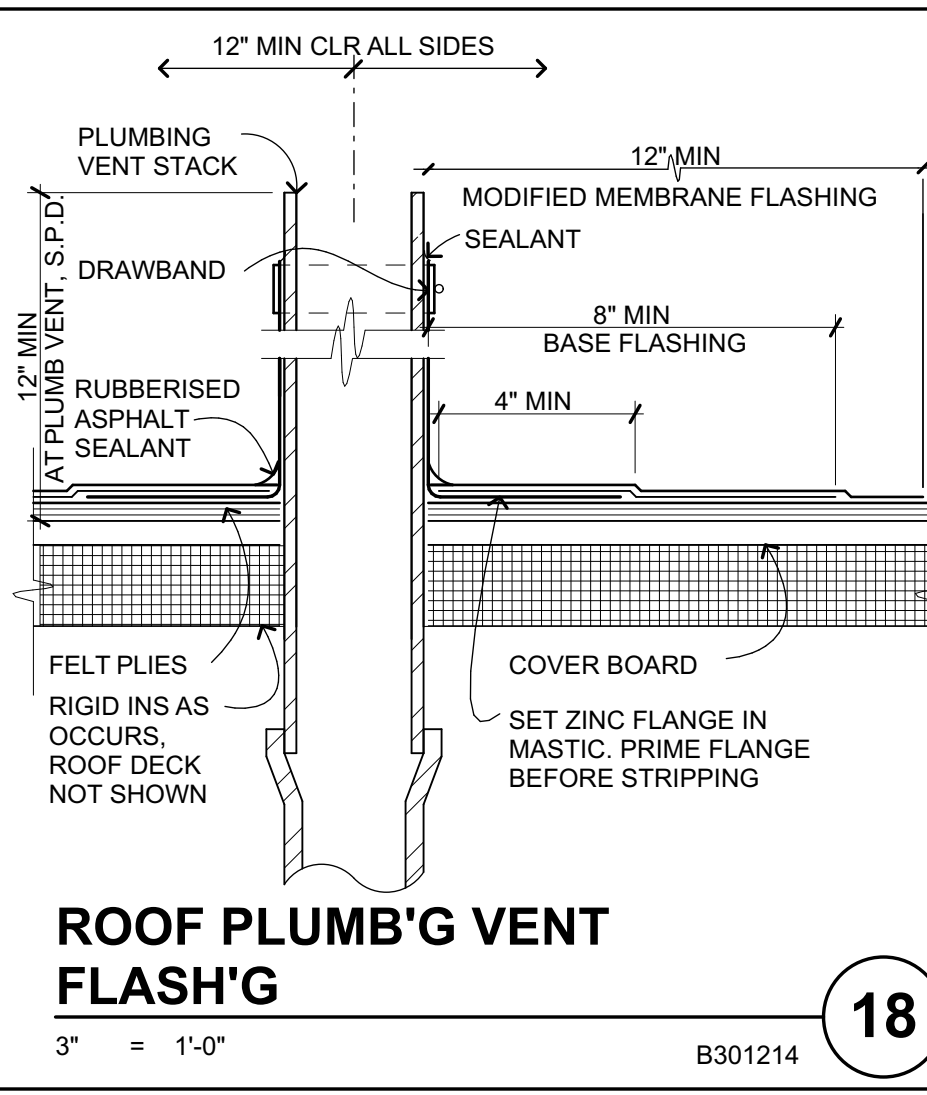
**CANOPY PENETRATION AT WEST & SOUTH ELEVATIONS**  
1 1/2" = 1'-0" 1925.00 **12**



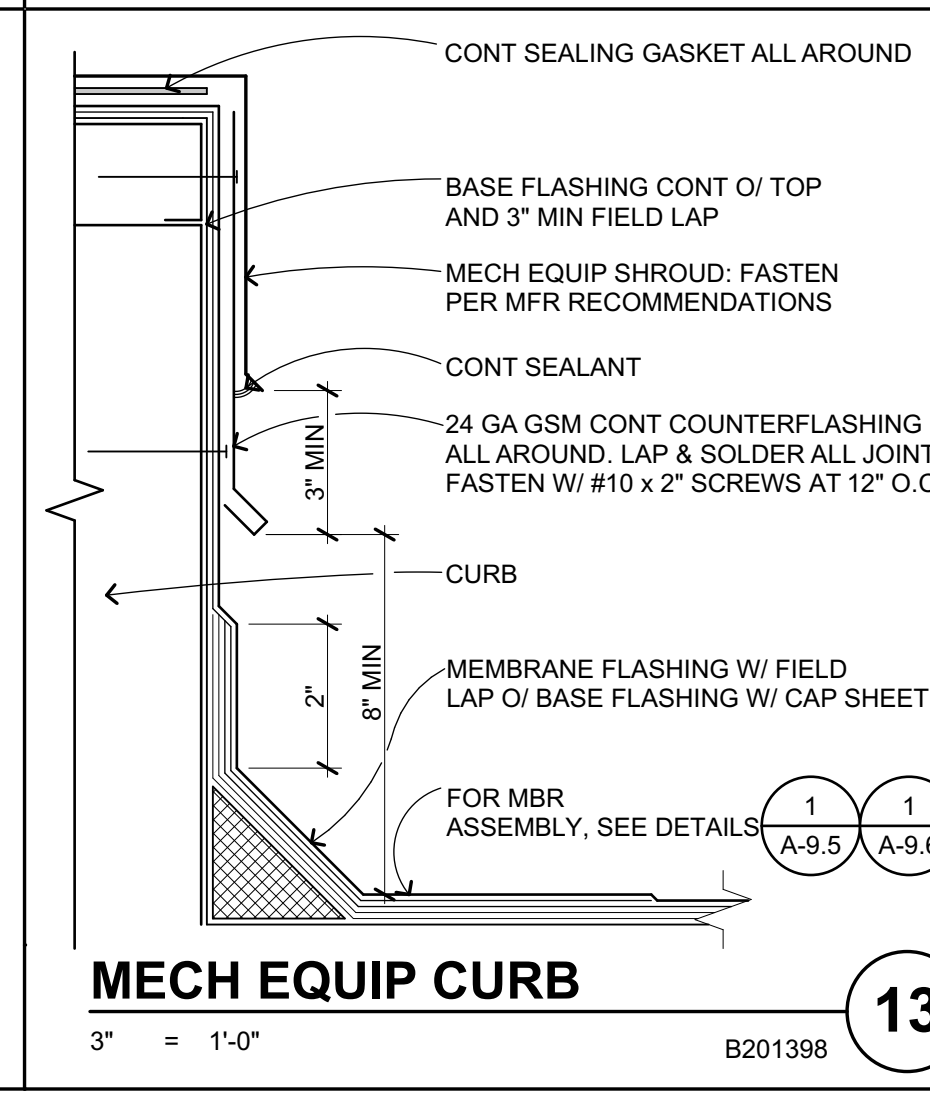
**ROOF DRAIN- MTL FRMG**  
1 1/2" = 1'-0" B304302\_B **2**



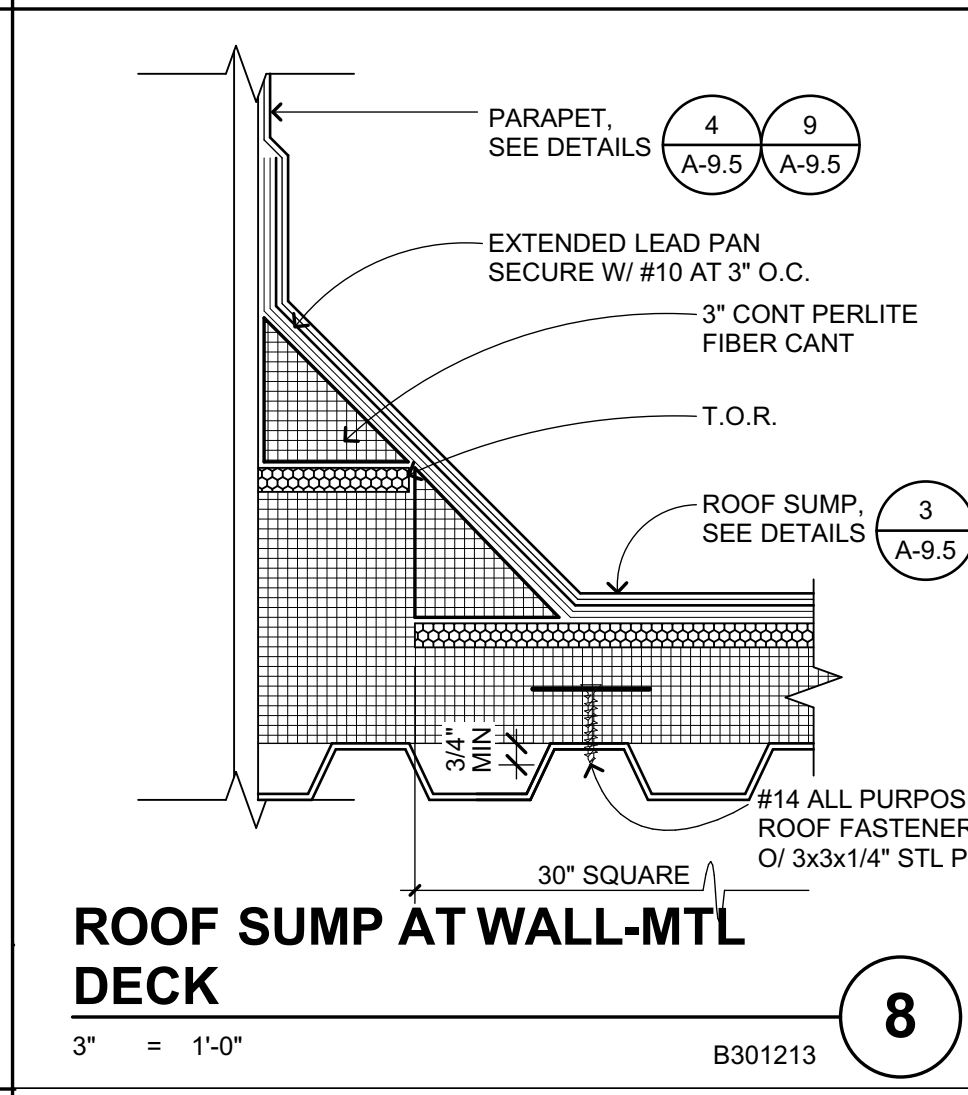
**ROOF ANCHOR DETAIL**  
3" = 1'-0" B301214, 1621.00 **24**



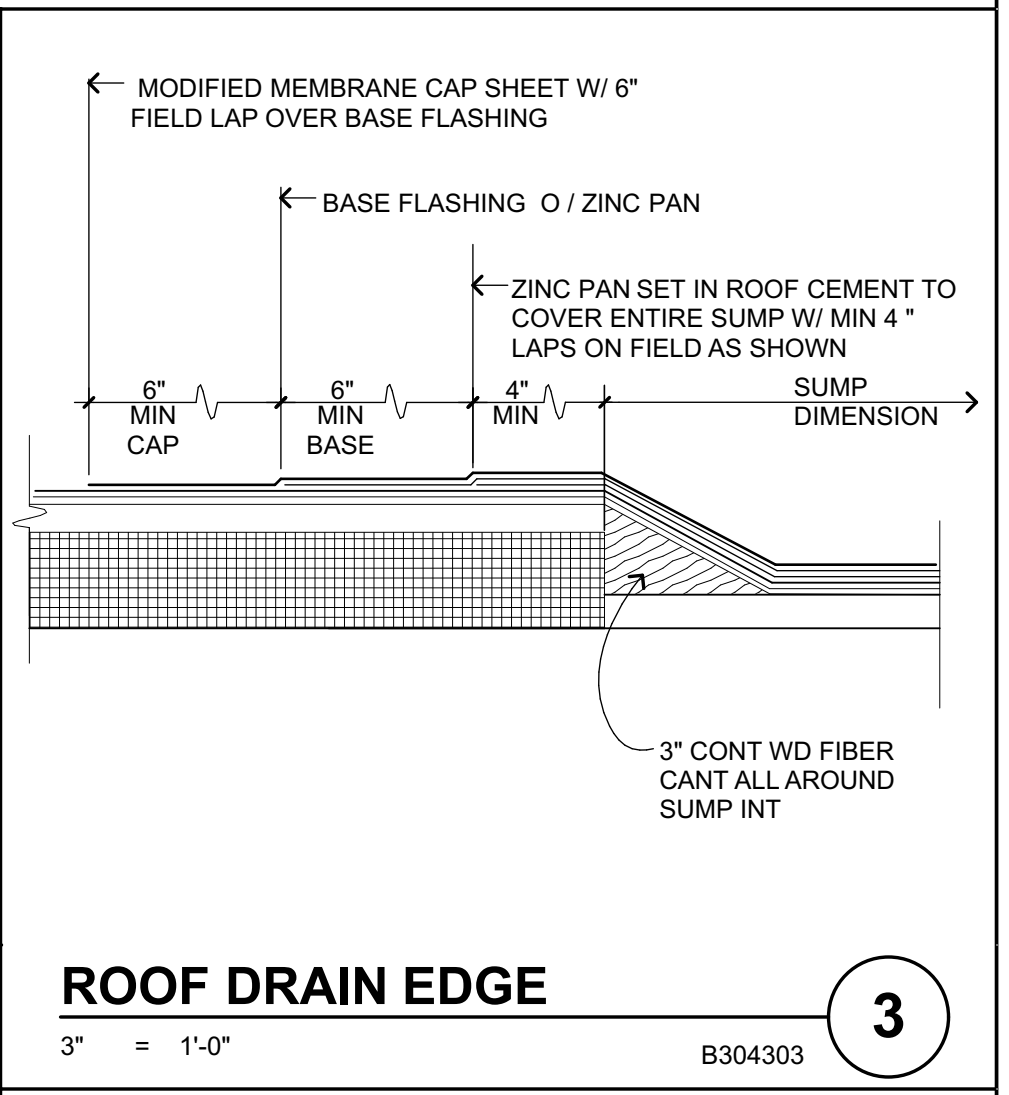
**ROOF PLUMB'G VENT FLASH'G**  
3" = 1'-0" B301214 **18**



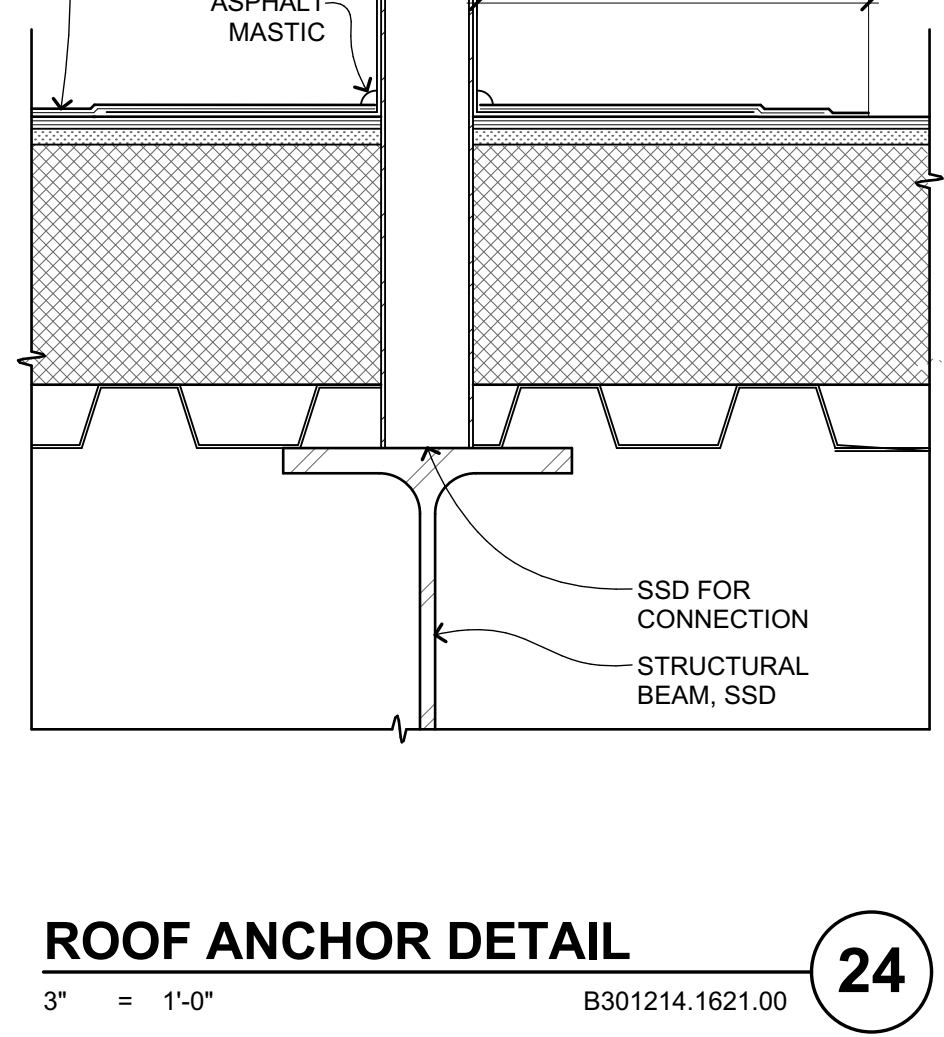
**MECH EQUIP CURB**  
3" = 1'-0" B201398 **13**



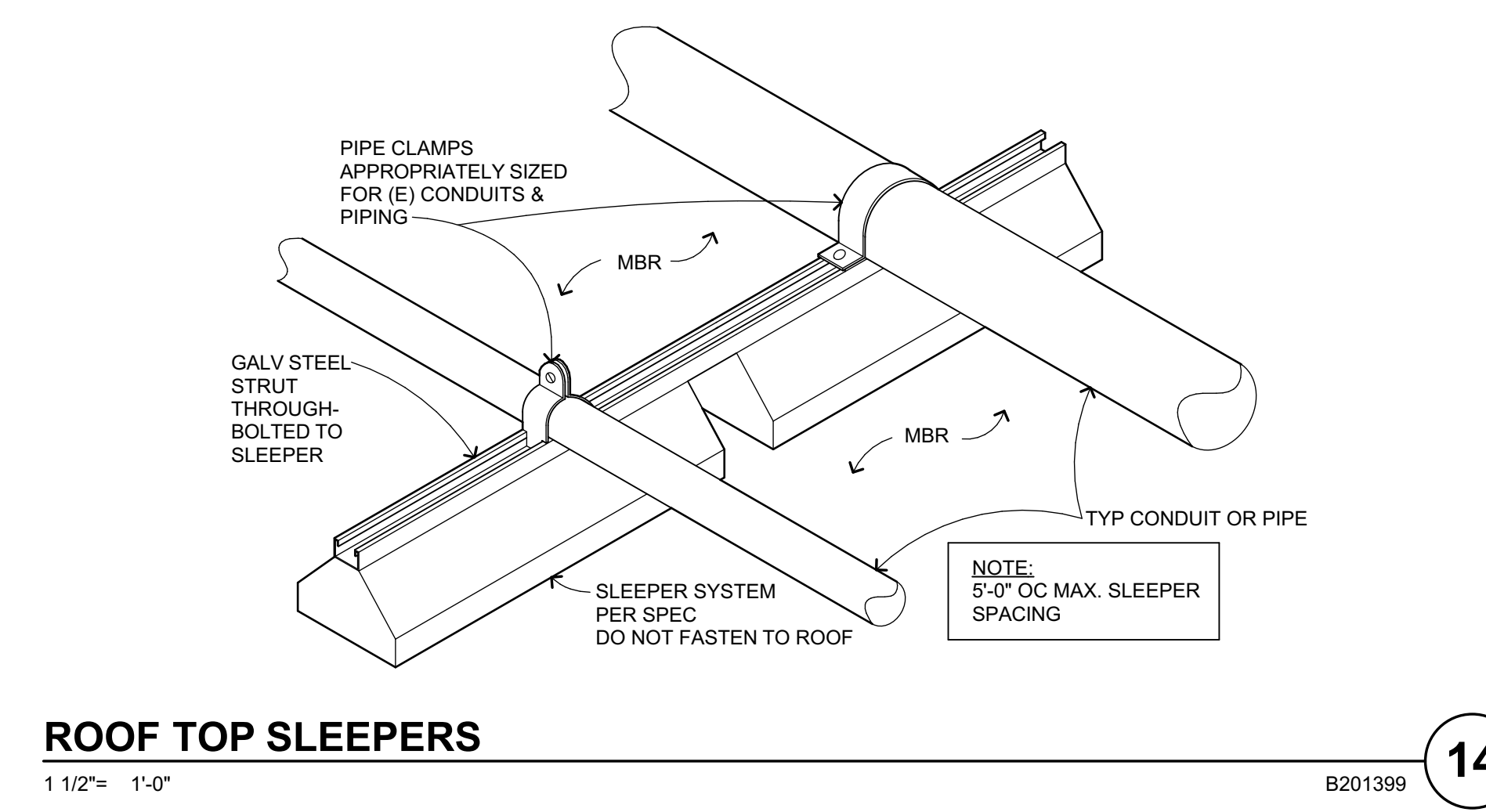
**ROOF SUMP AT WALL-MTL DECK**  
3" = 1'-0" B301213 **8**



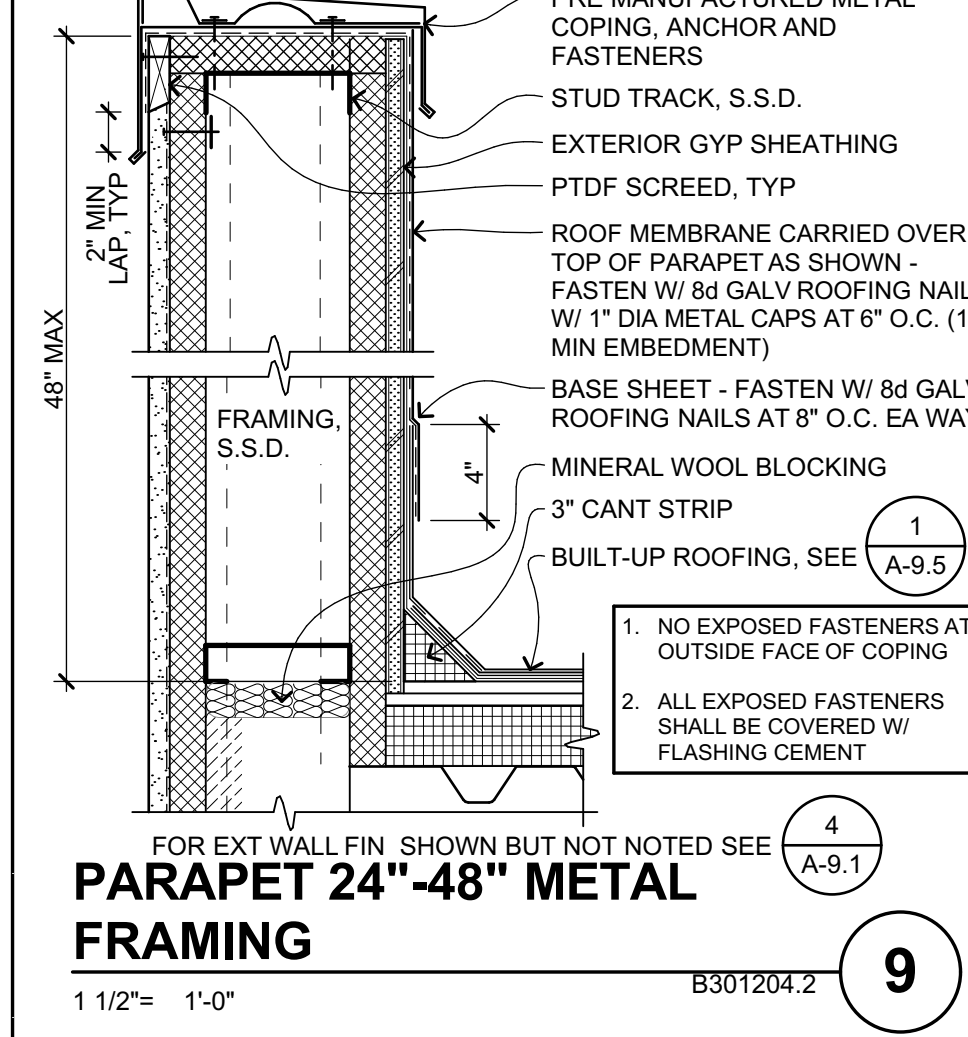
**ROOF DRAIN EDGE**  
3" = 1'-0" B304303 **3**



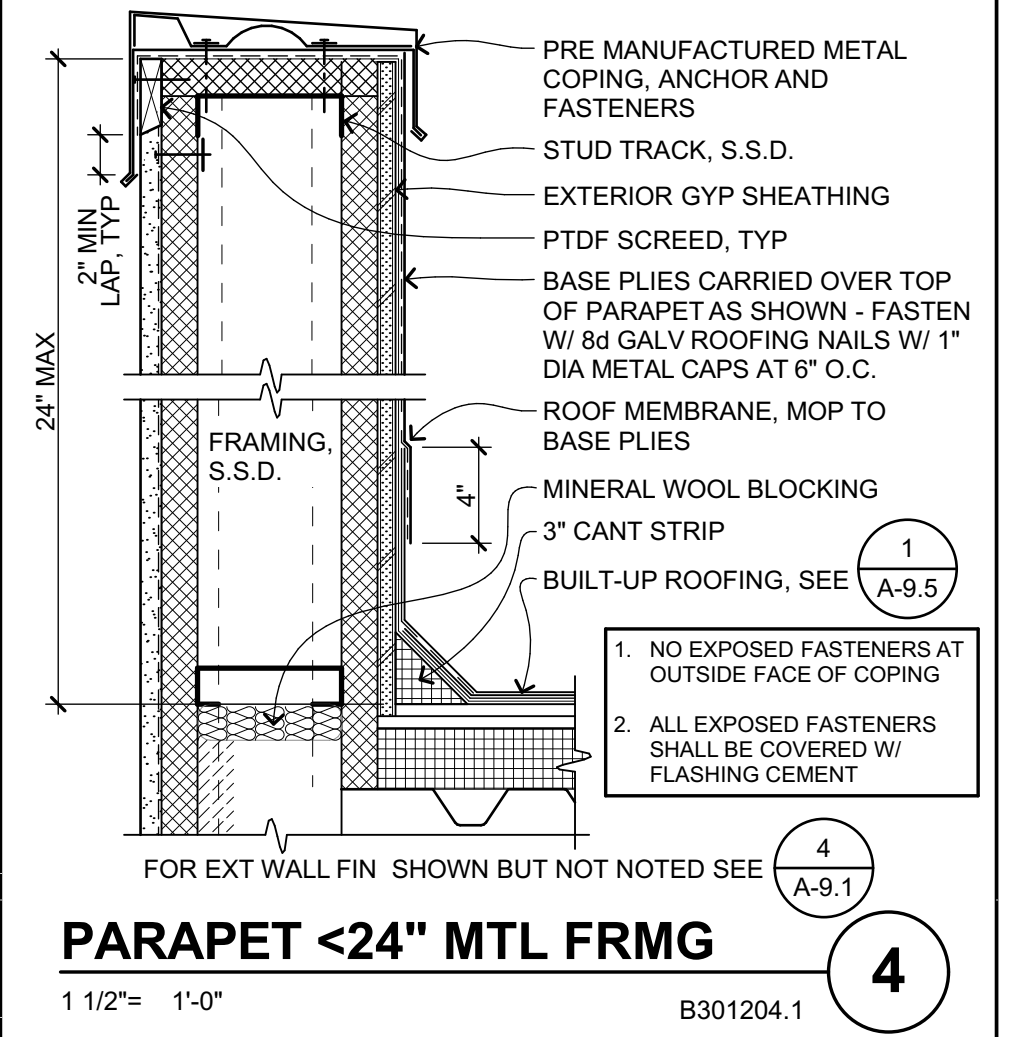
**PIPE ENCLOSURE**  
3" = 1'-0" B201404 **15**



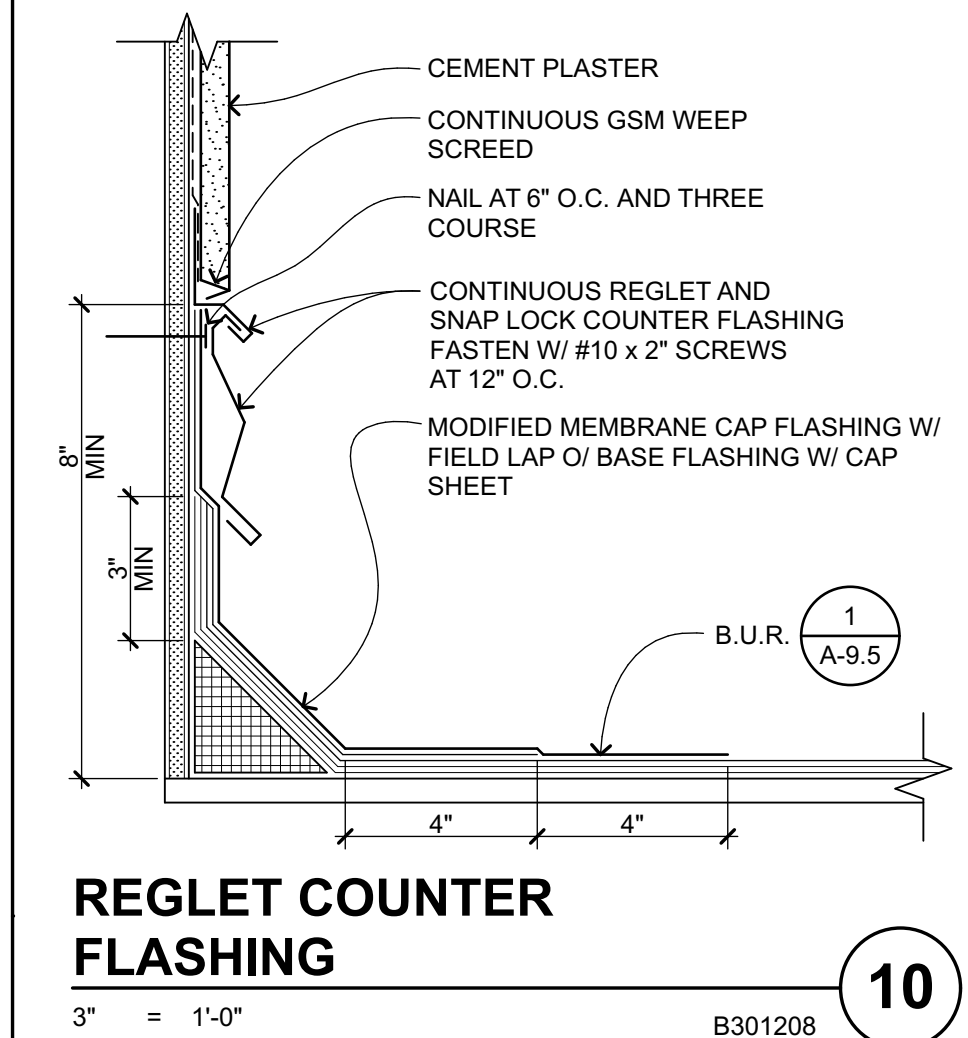
**ROOF TOP SLEEPERS**  
1 1/2" = 1'-0" B201399 **14**



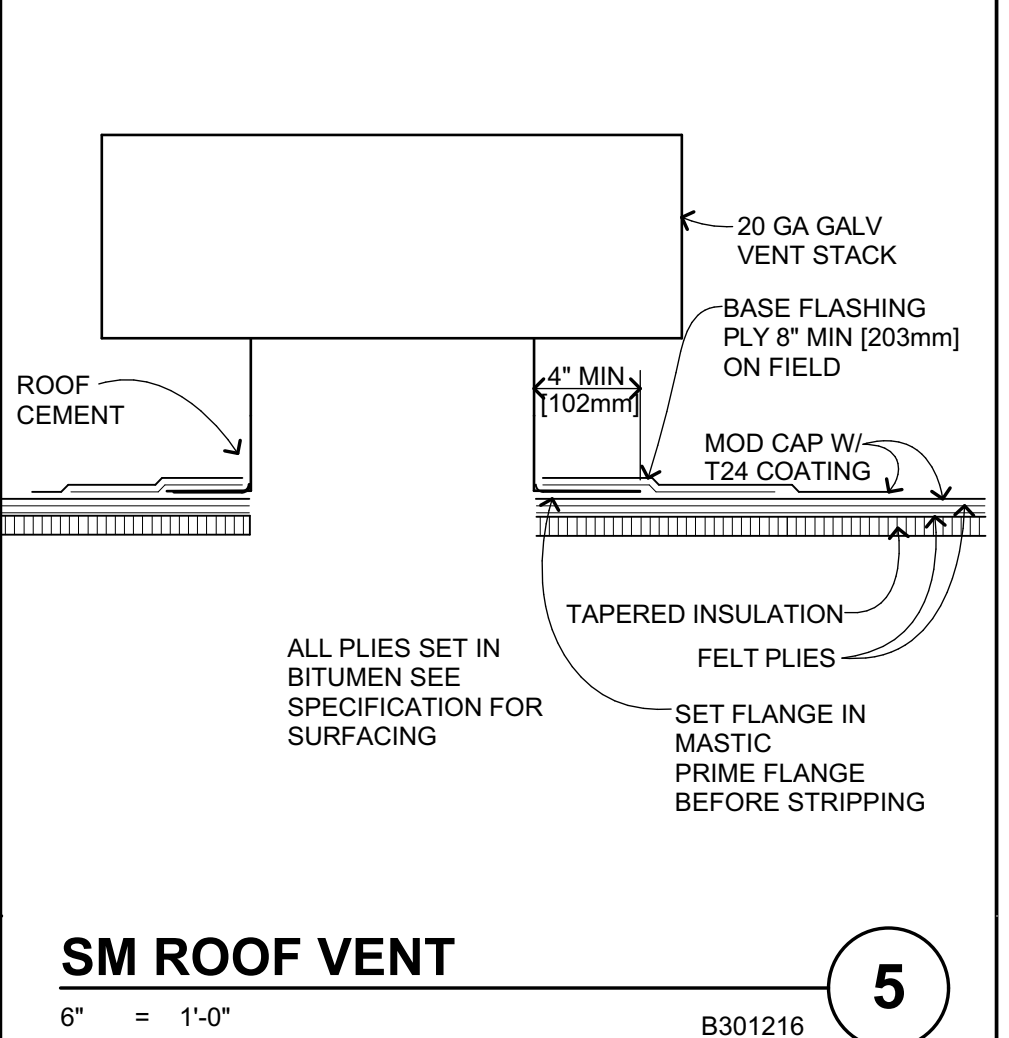
**PARAPET 24\"/>**



**PARAPET <24\"/>**



**REGLET COUNTER FLASHING**  
3" = 1'-0" B301208 **10**



**SM ROOF VENT**  
6" = 1'-0" B301216 **5**

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**LIBERTY UNION HIGH SCHOOL DISTRICT**

08/18/22 BID CLARIFICATION

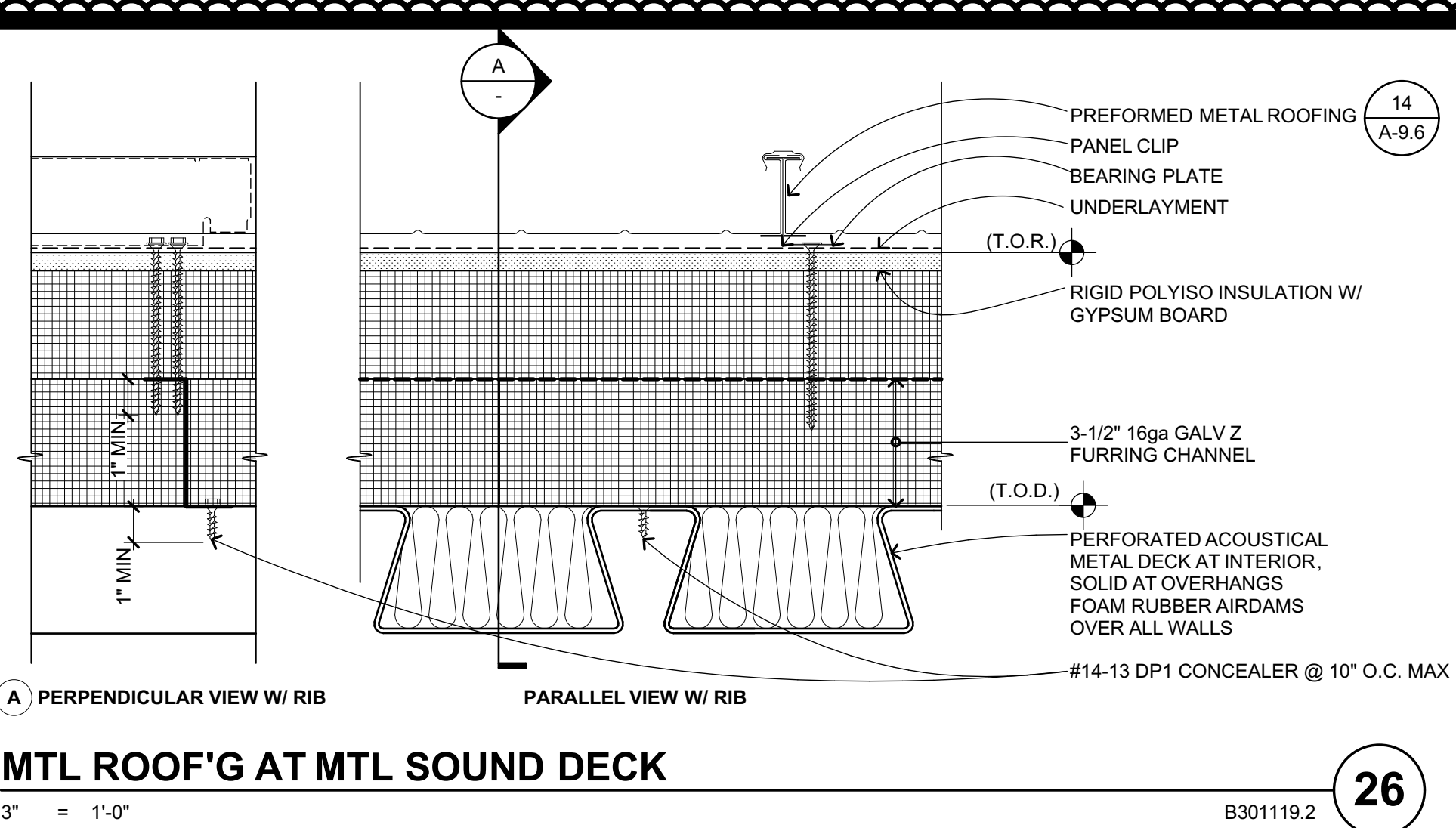
DSA APP NO. 01-119994  
ARCH PROJECT NO. 1925.00  
DRAWN BY: JDS  
DRAWING SCALE: AS NOTED  
PTN: 61721-83 FILE NO.: 7-H4  
CONSTRUCTION DOCUMENTS  
JUNE 24, 2022

BID CLARIFICATION 03  
**ROOF DETAILS**

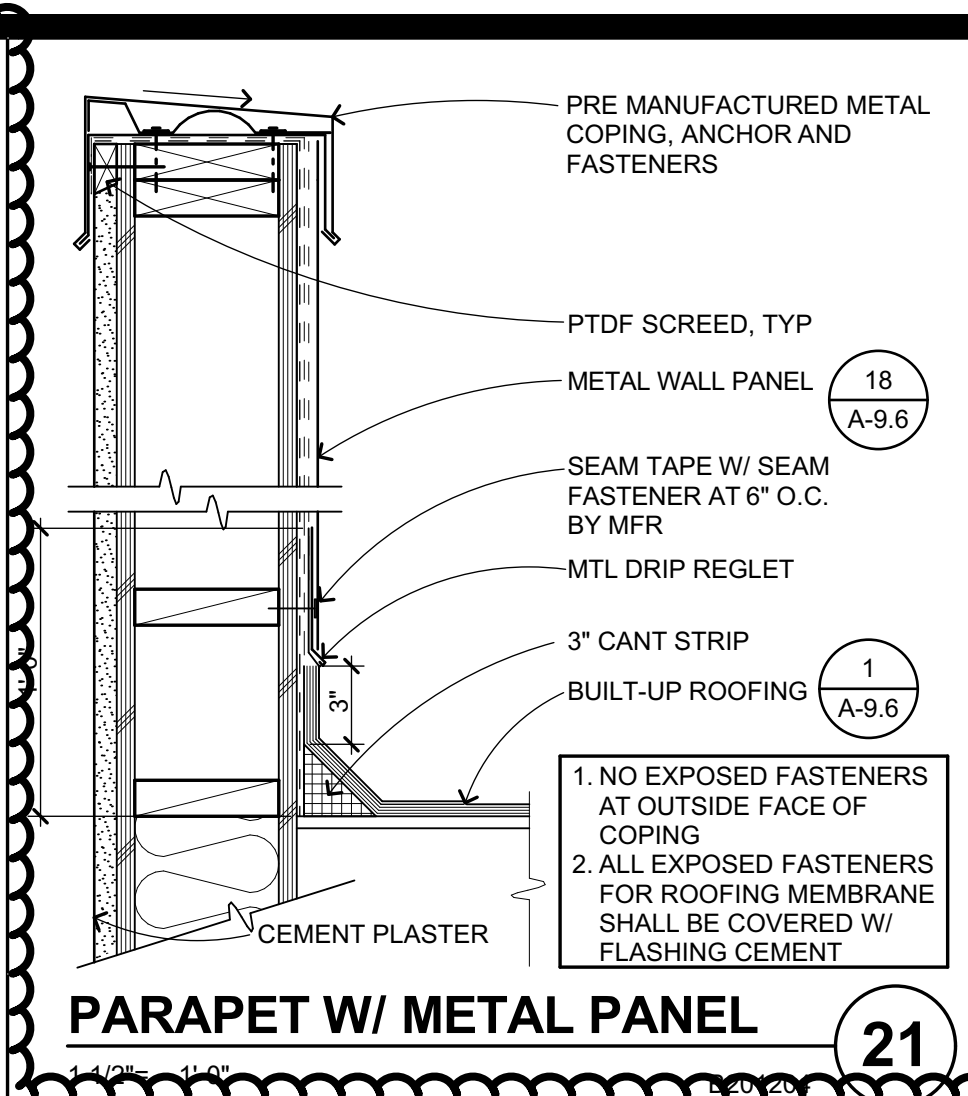
SHEET NUMBER  
**A-9.5**

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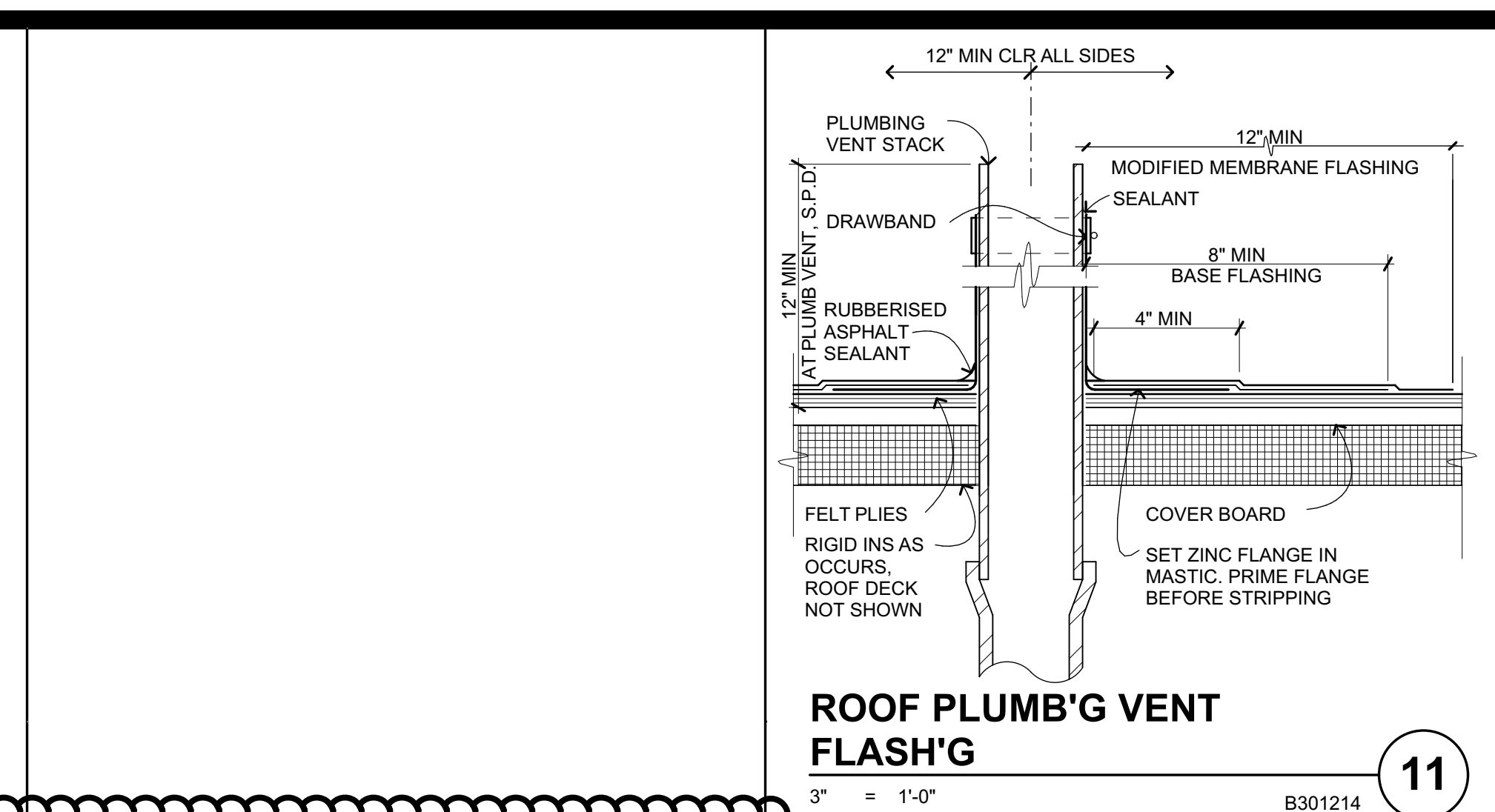




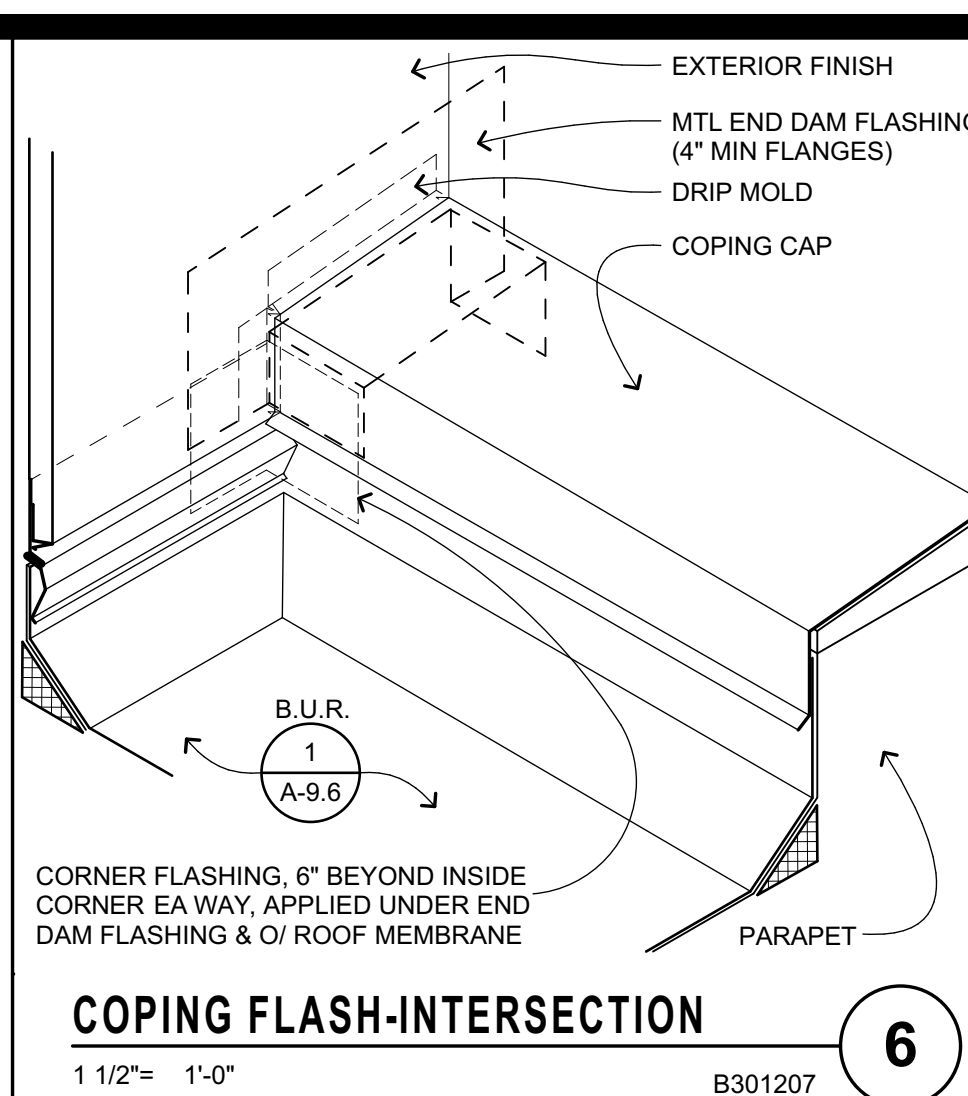
**MTL ROOF'G AT MTL SOUND DECK**  
 3" = 1'-0"  
 B301192 **26**



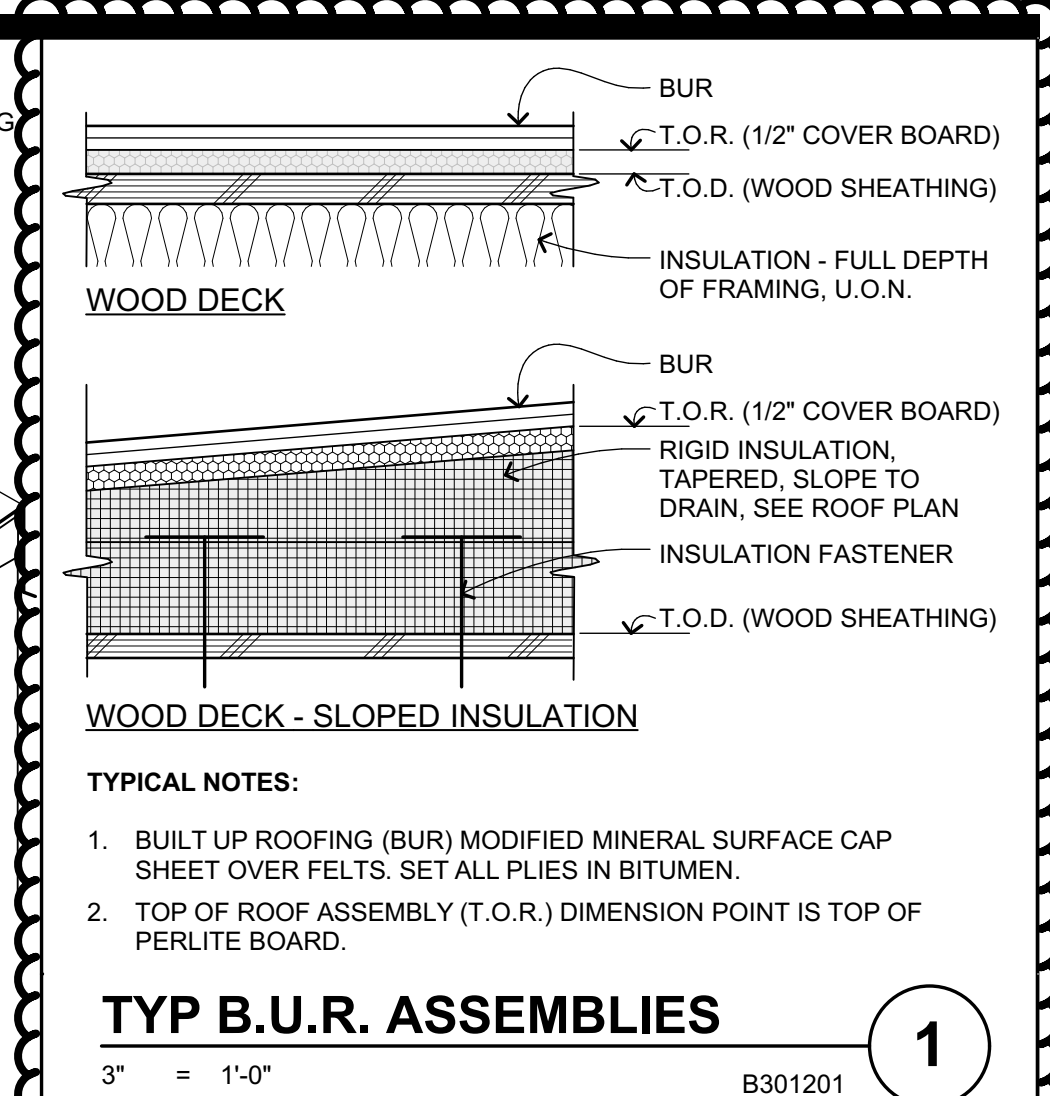
**PARAPET W/ METAL PANEL**  
 1. NO EXPOSED FASTENERS AT OUTSIDE FACE OF COPING  
 2. ALL EXPOSED FASTENERS FOR ROOFING MEMBRANE SHALL BE COVERED W/ FLASHING CEMENT  
 3" = 1'-0"  
 B301214 **21**



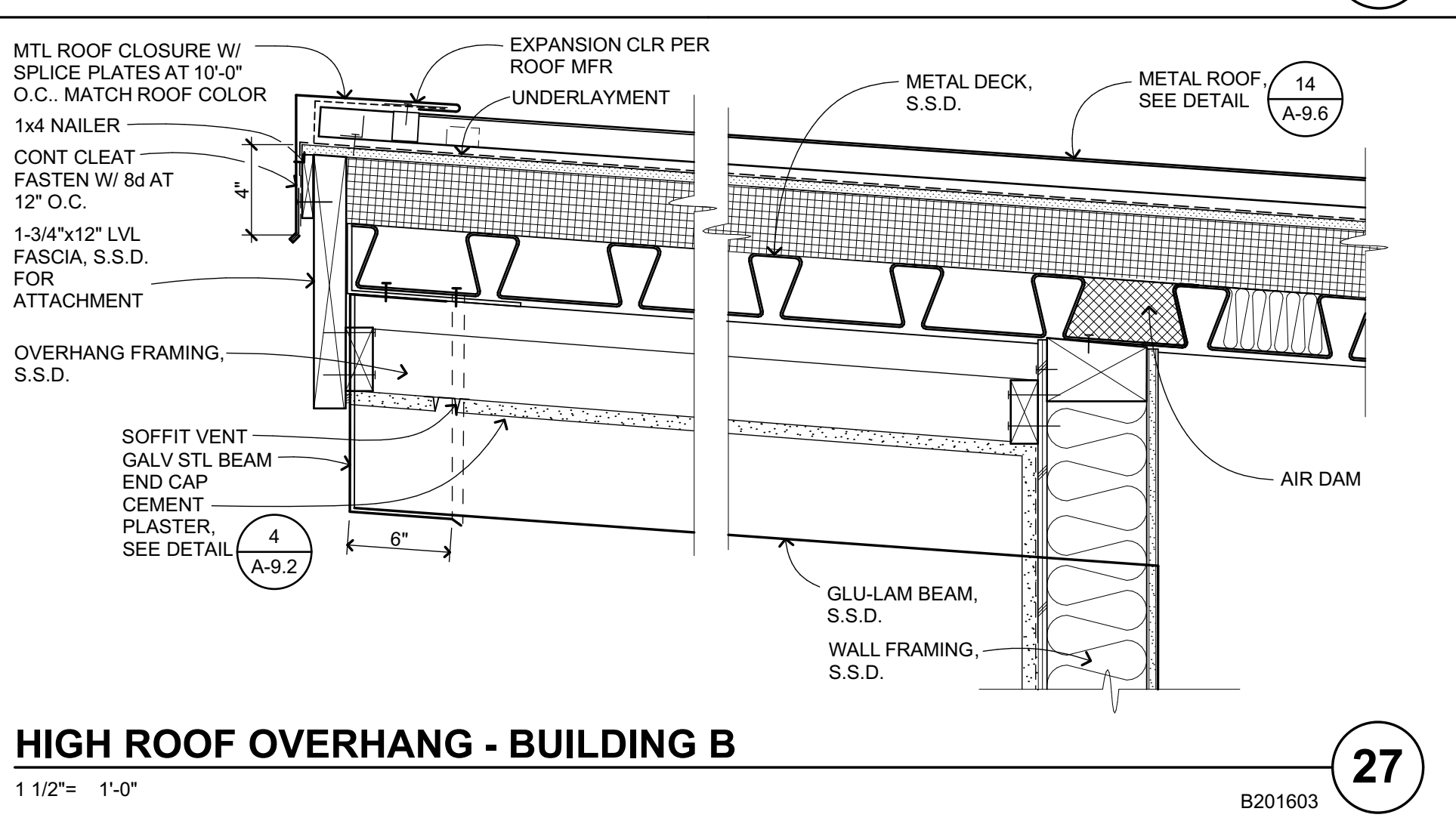
**ROOF PLUMB'G VENT FLASH'G**  
 3" = 1'-0"  
 B301214 **11**



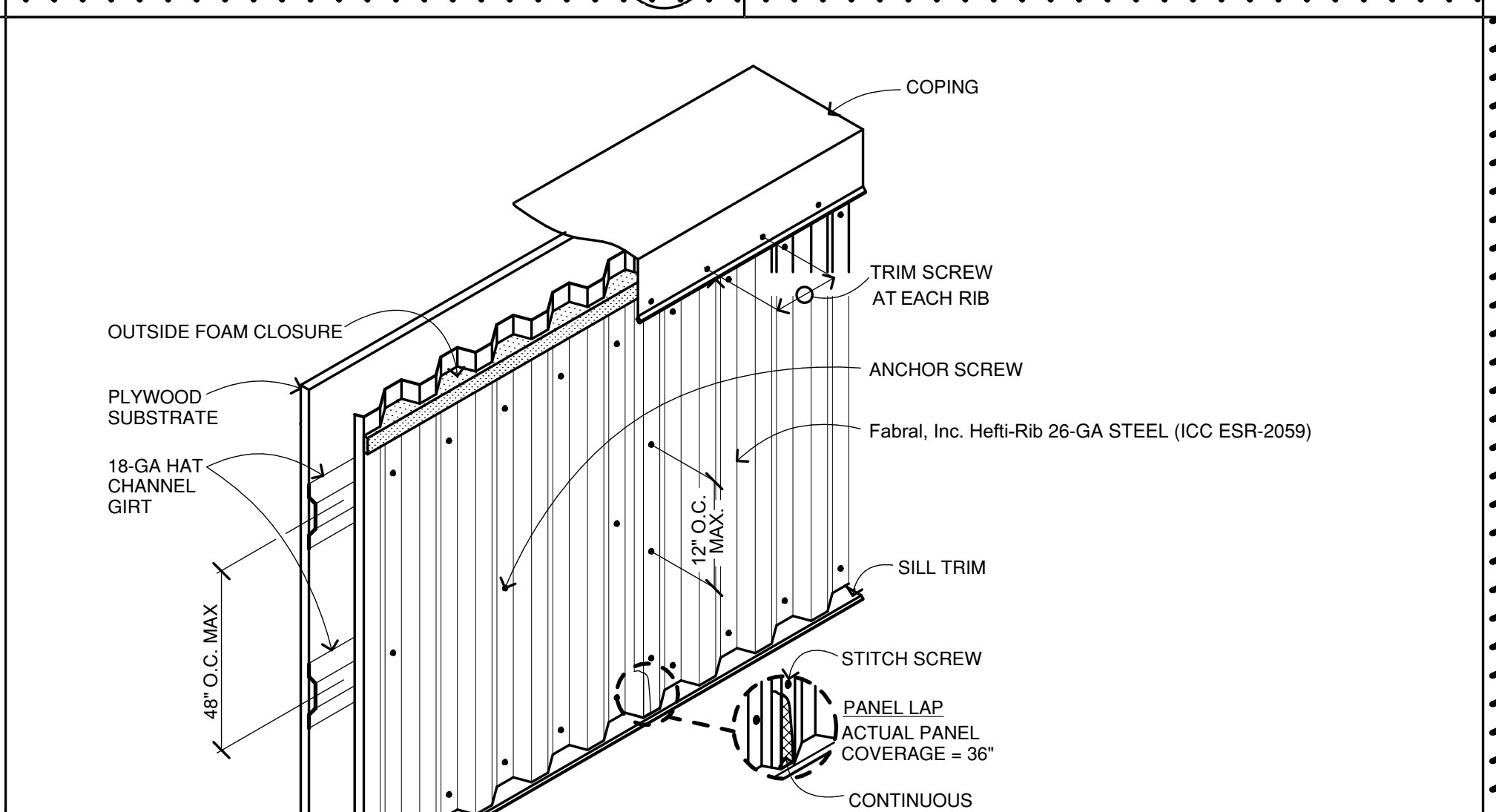
**COPING FLASH-INTERSECTION**  
 1 1/2" = 1'-0"  
 B301207 **6**



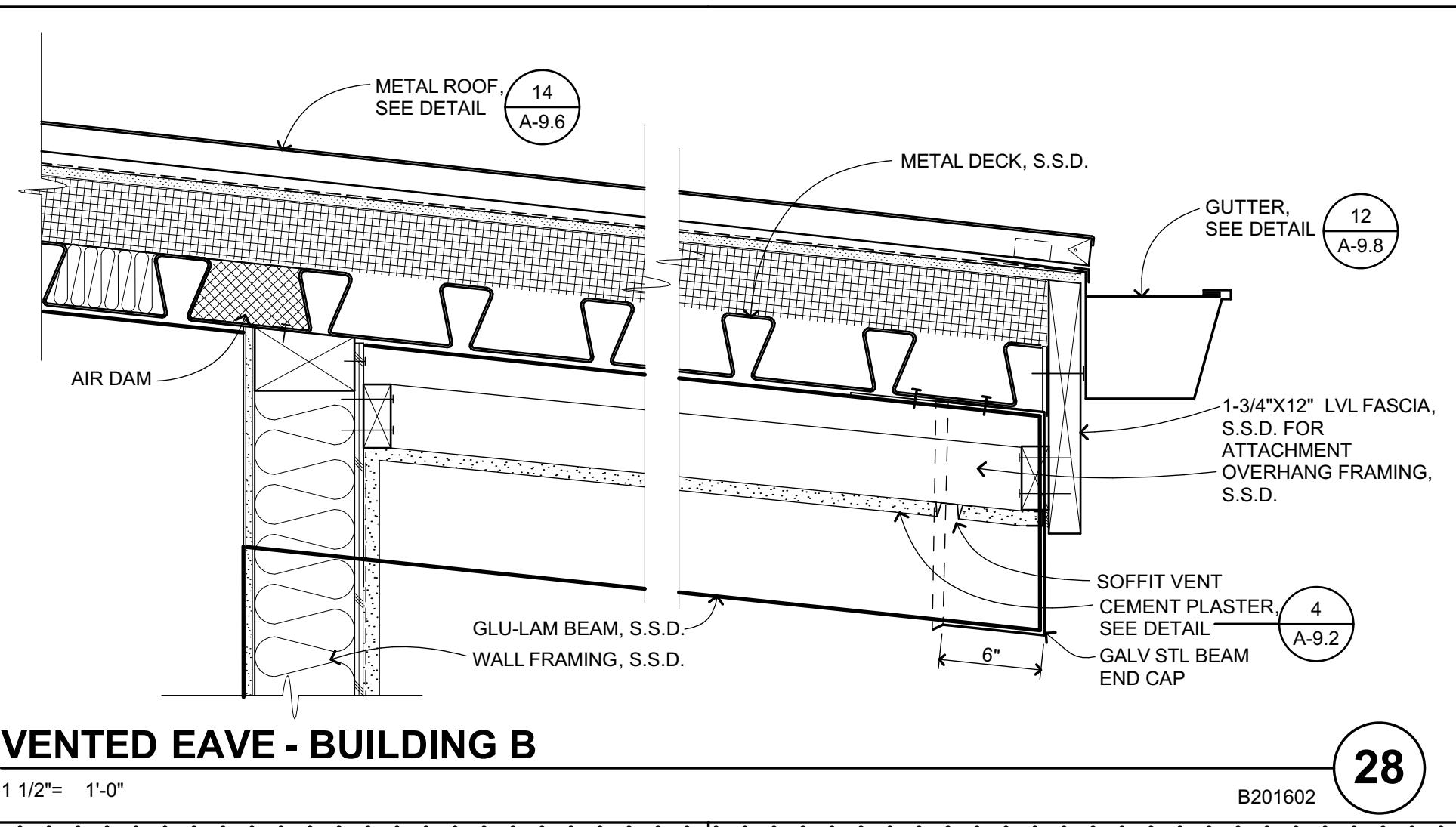
**TYP B.U.R. ASSEMBLIES**  
 3" = 1'-0"  
 B301201 **1**



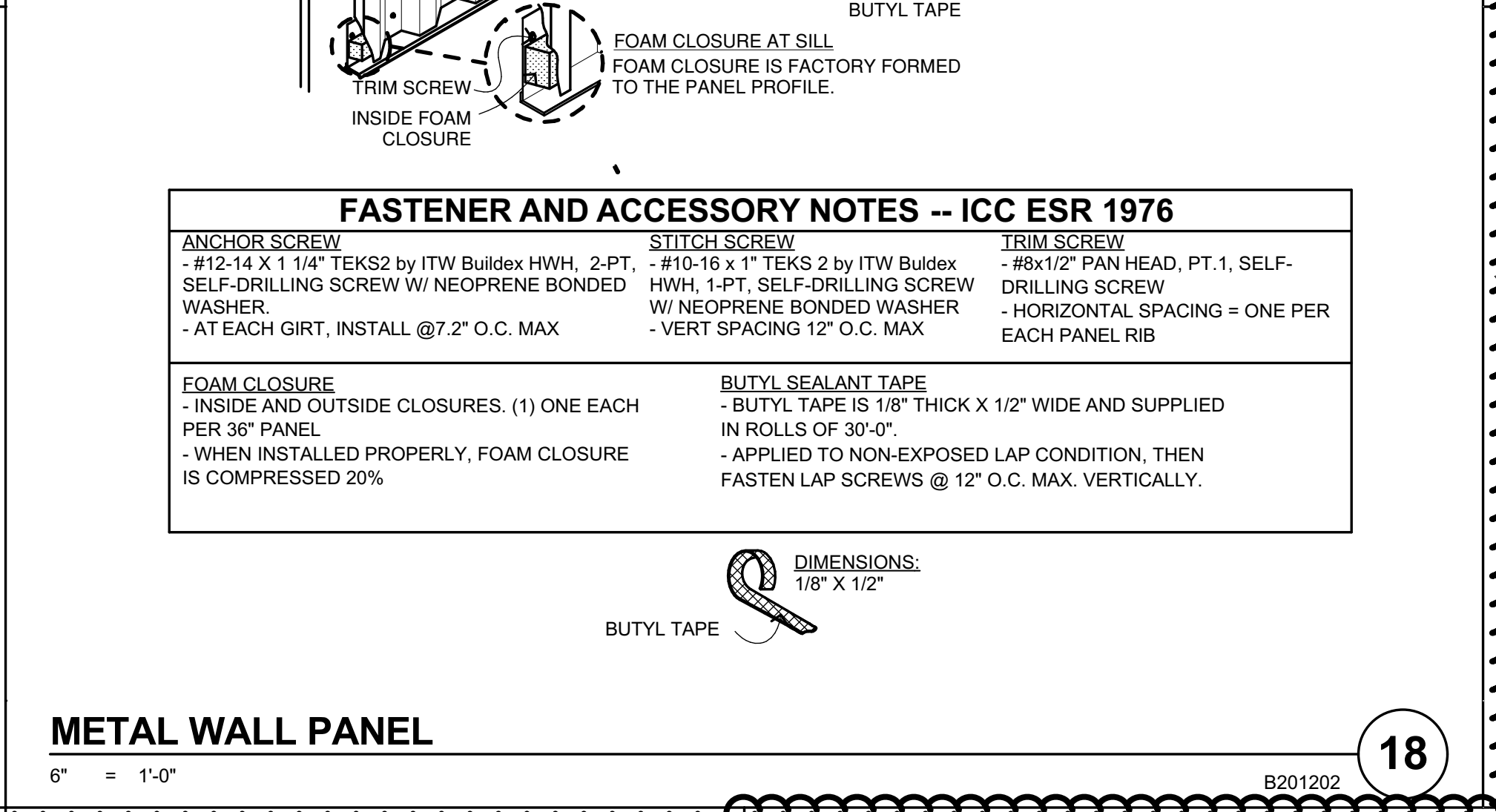
**HIGH ROOF OVERHANG - BUILDING B**  
 1 1/2" = 1'-0"  
 B201603 **27**



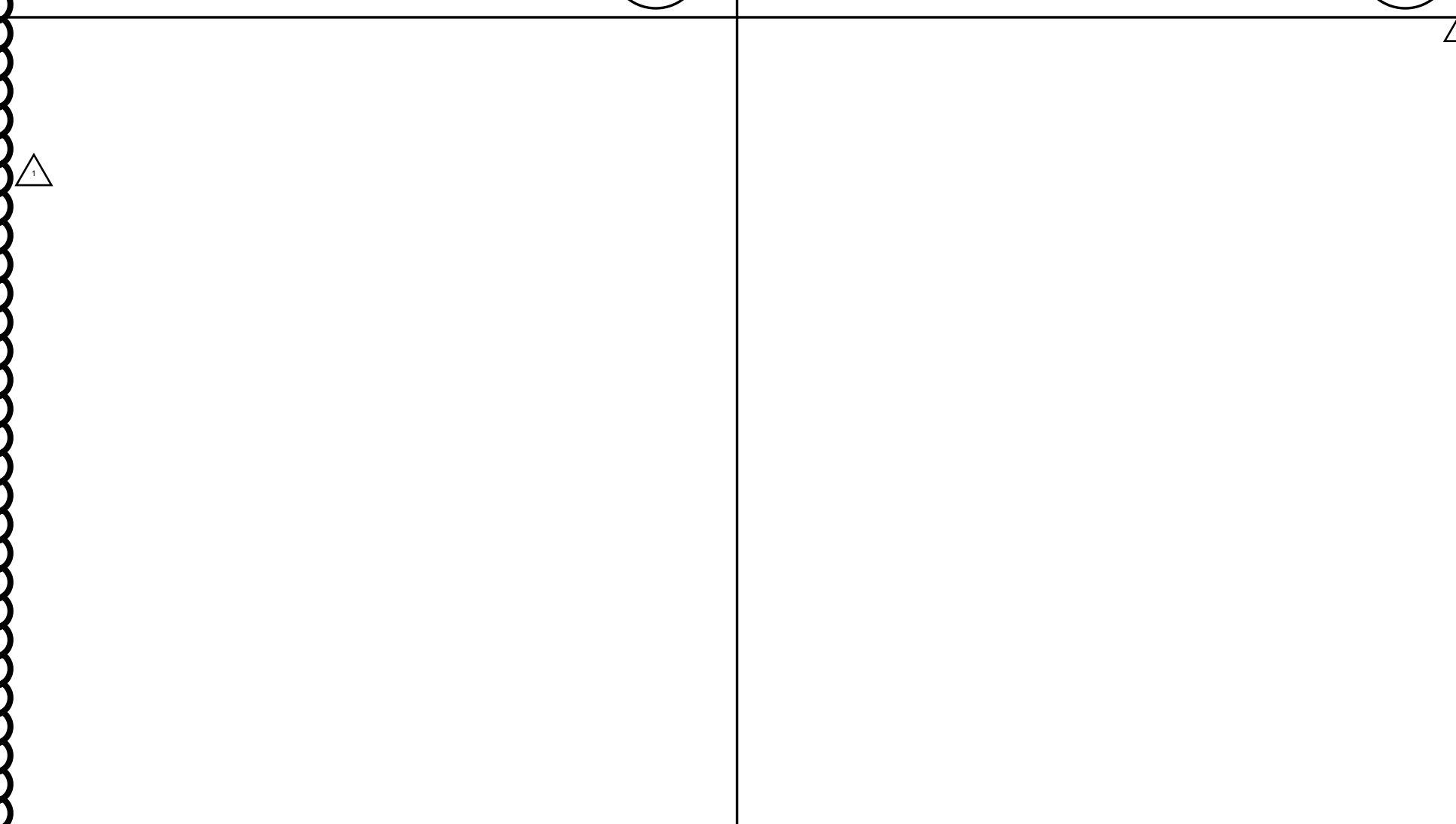
**SECTION AT PARAPET <24"**  
 1 1/2" = 1'-0"  
 B301201 **2**



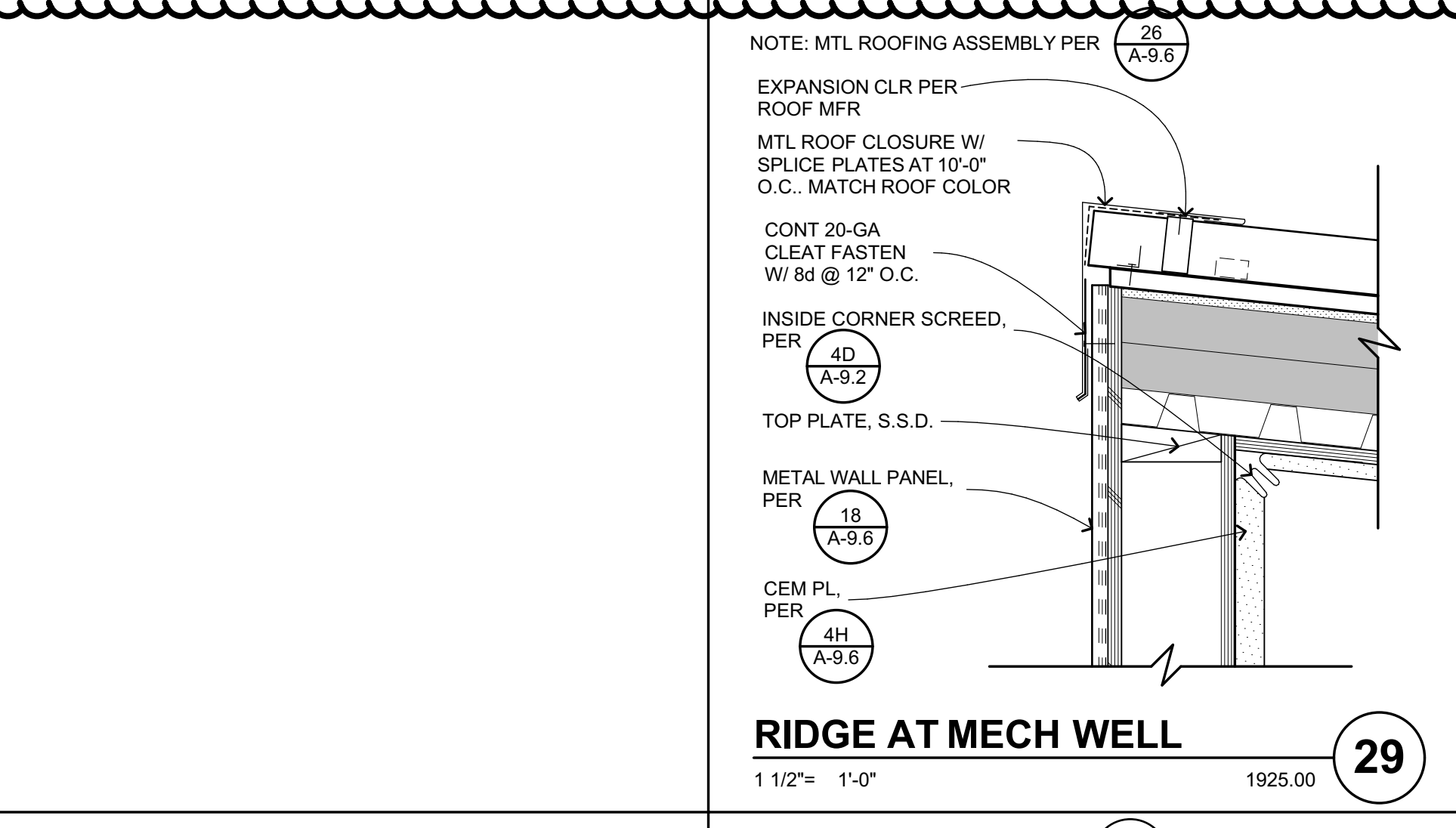
**VENTED EAVE - BUILDING B**  
 1 1/2" = 1'-0"  
 B201602 **28**



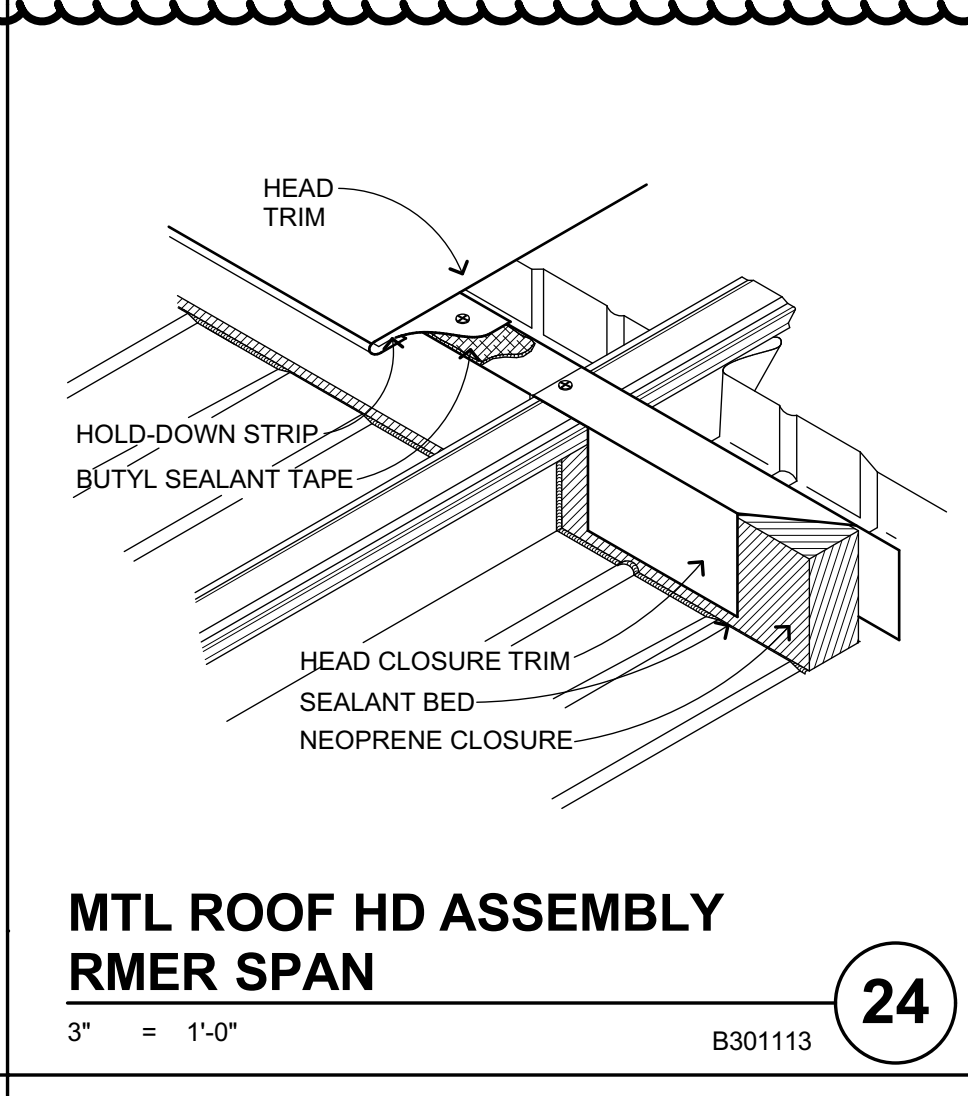
**METAL WALL PANEL**  
 6" = 1'-0"  
 B201202 **18**



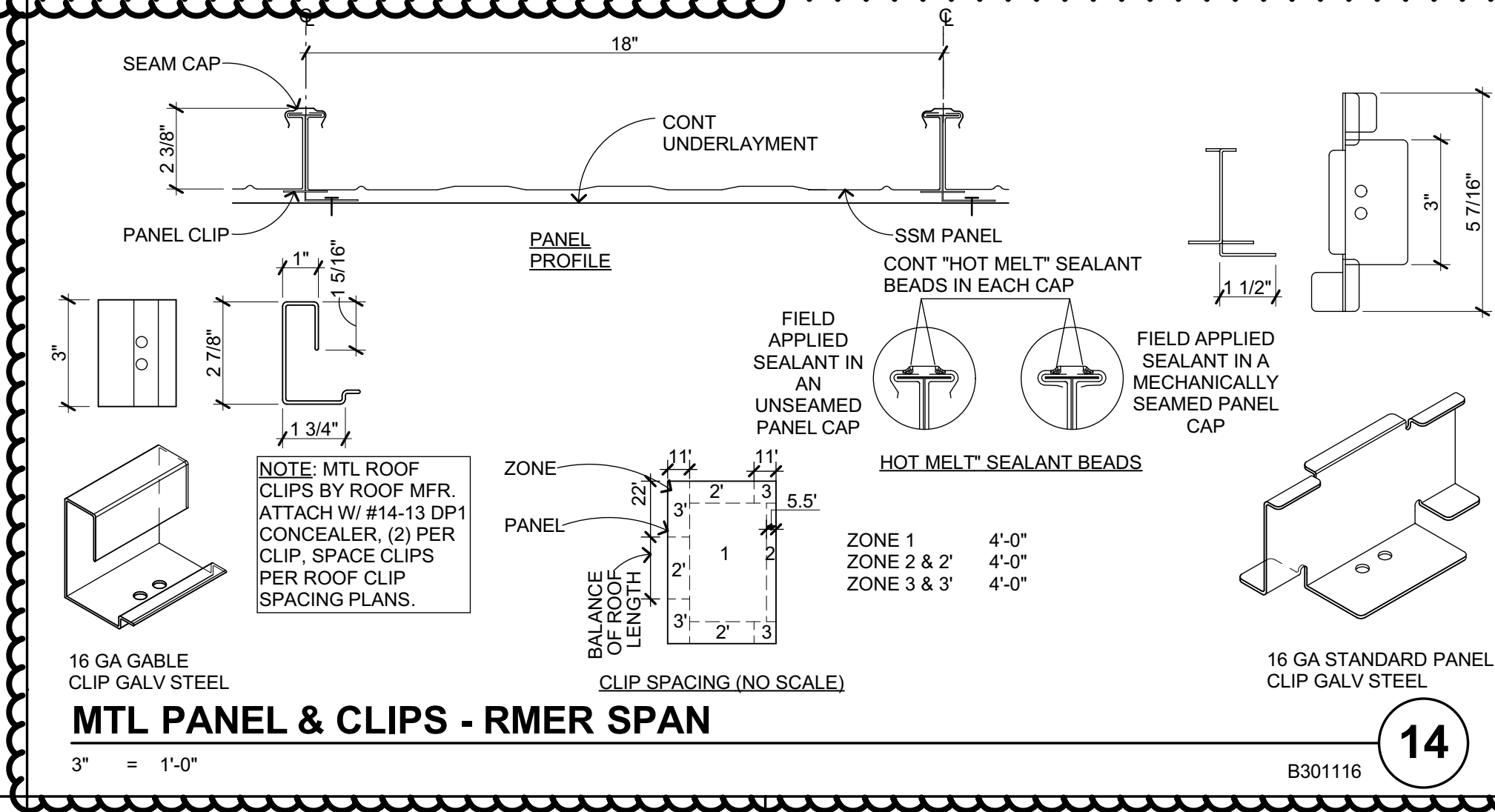
**ROOF DRAIN SUMP W/ ALT**  
 3" = 1'-0"  
 B304304 **13**



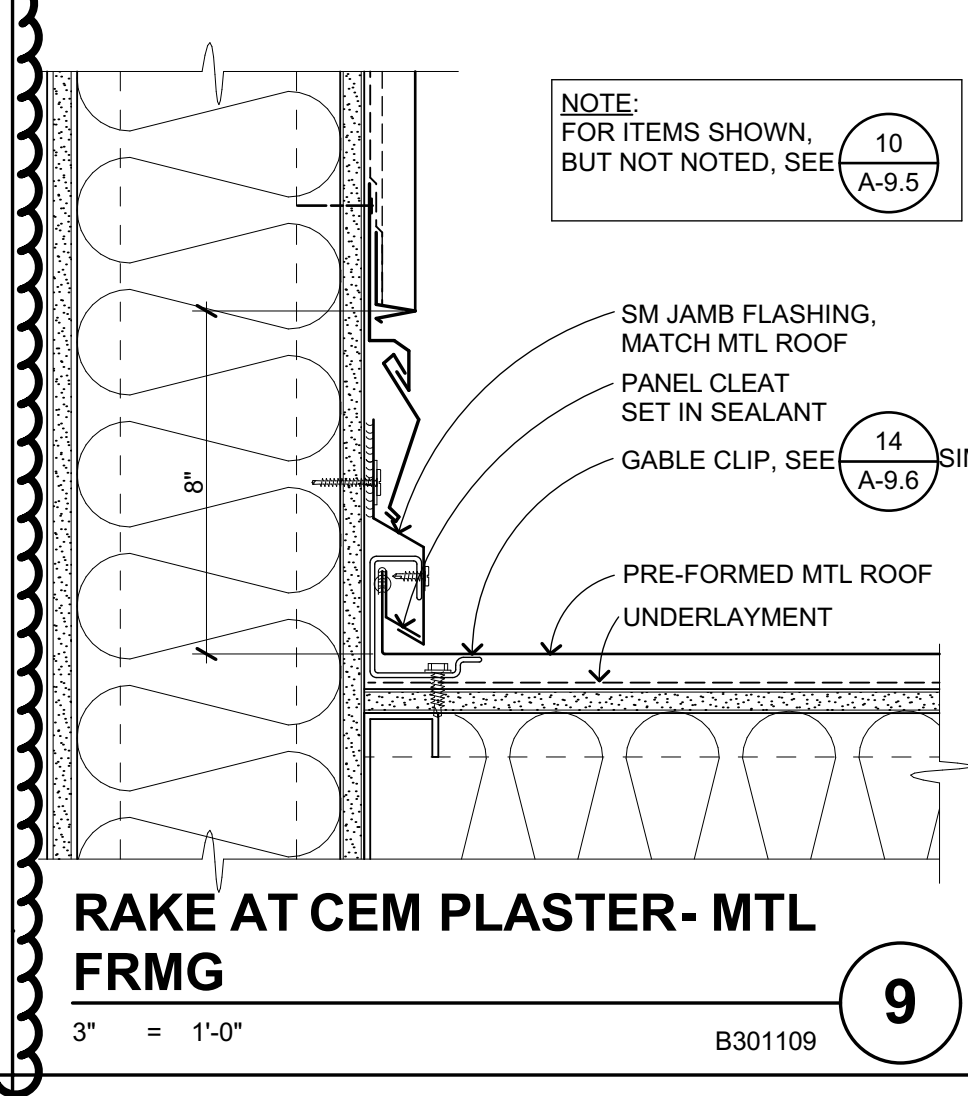
**RIDGE AT MECH WELL**  
 1 1/2" = 1'-0"  
 1925.00 **29**



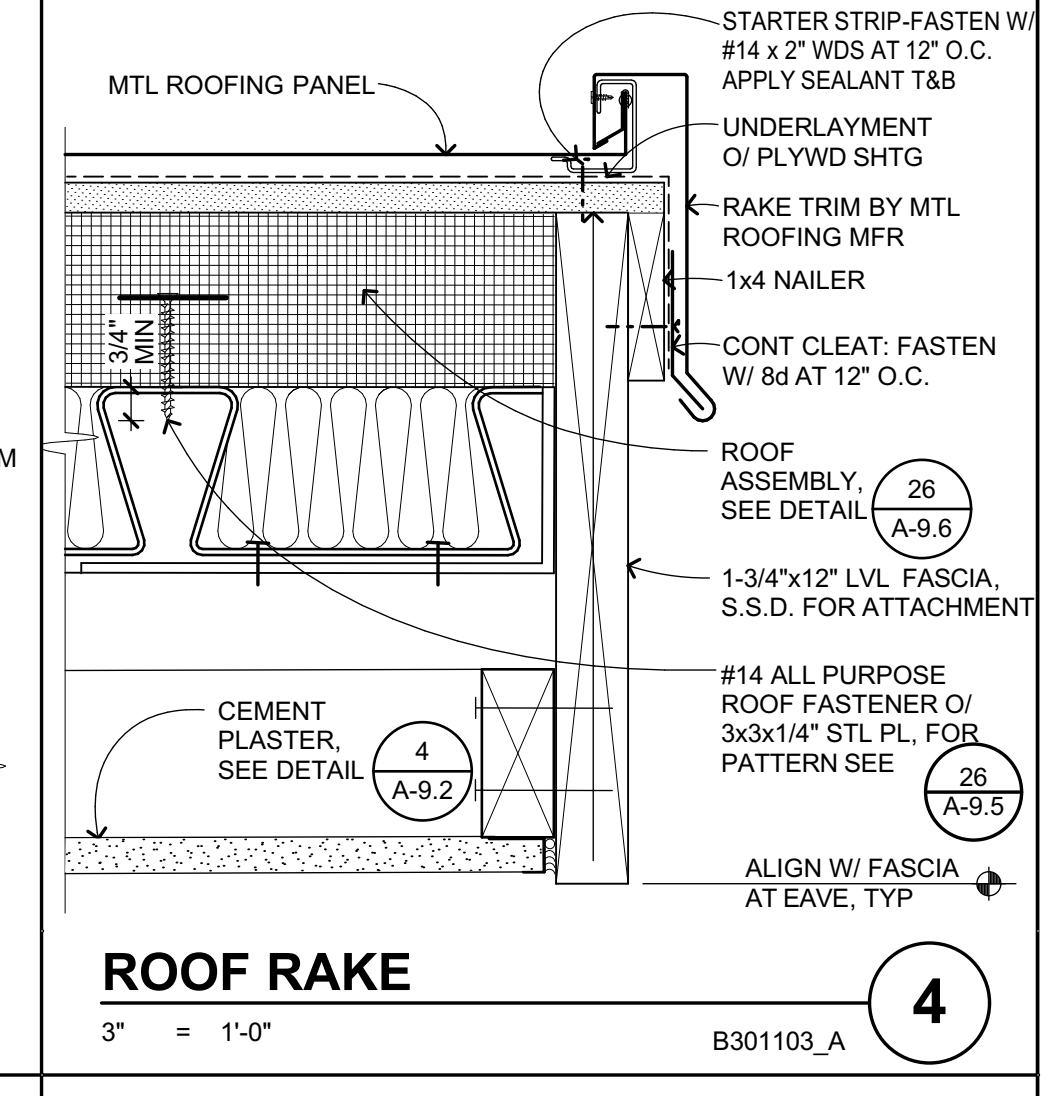
**MTL ROOF HD ASSEMBLY RMER SPAN**  
 3" = 1'-0"  
 B301113 **24**



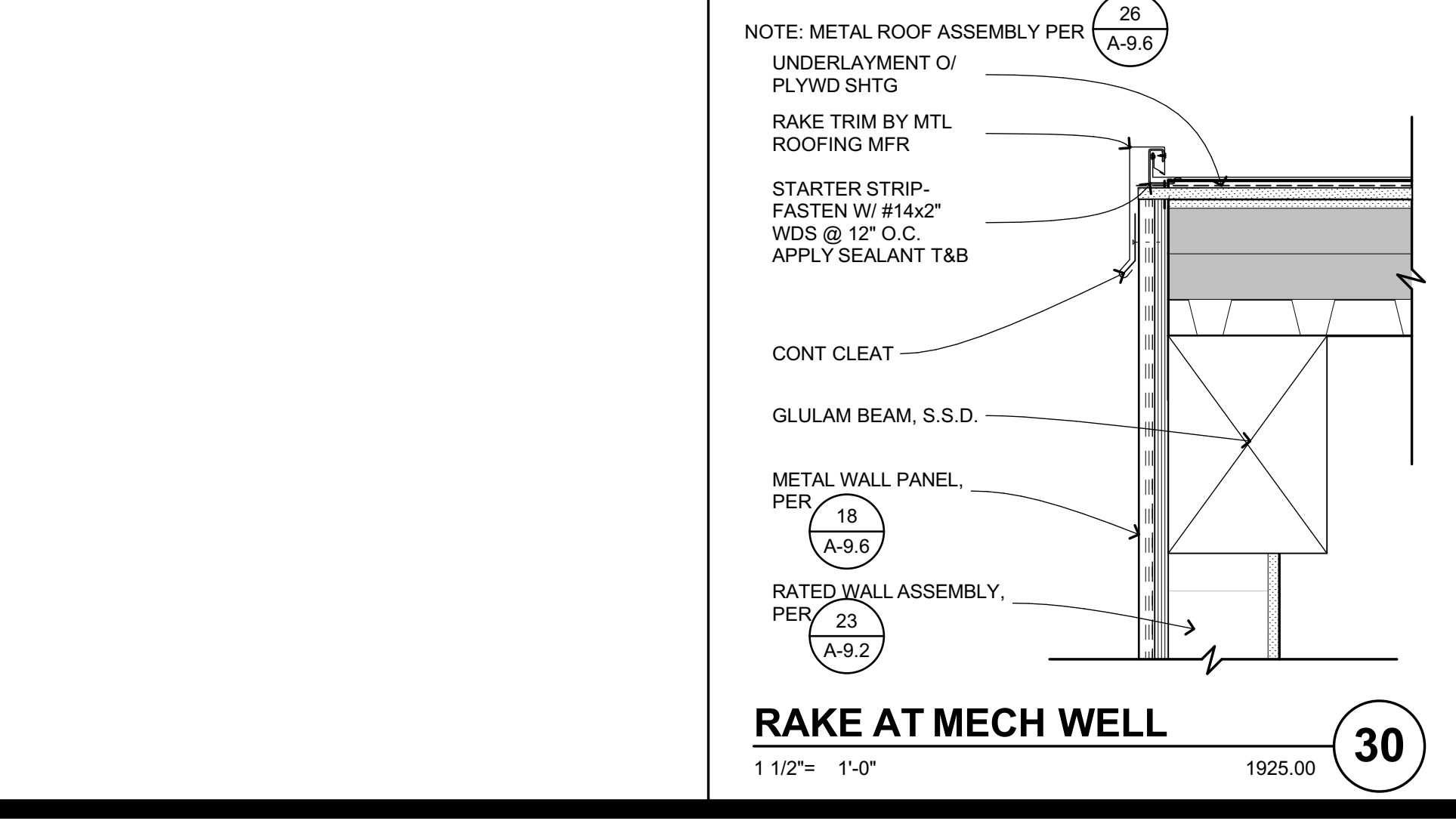
**MTL PANEL & CLIPS - RMER SPAN**  
 3" = 1'-0"  
 B301116 **14**



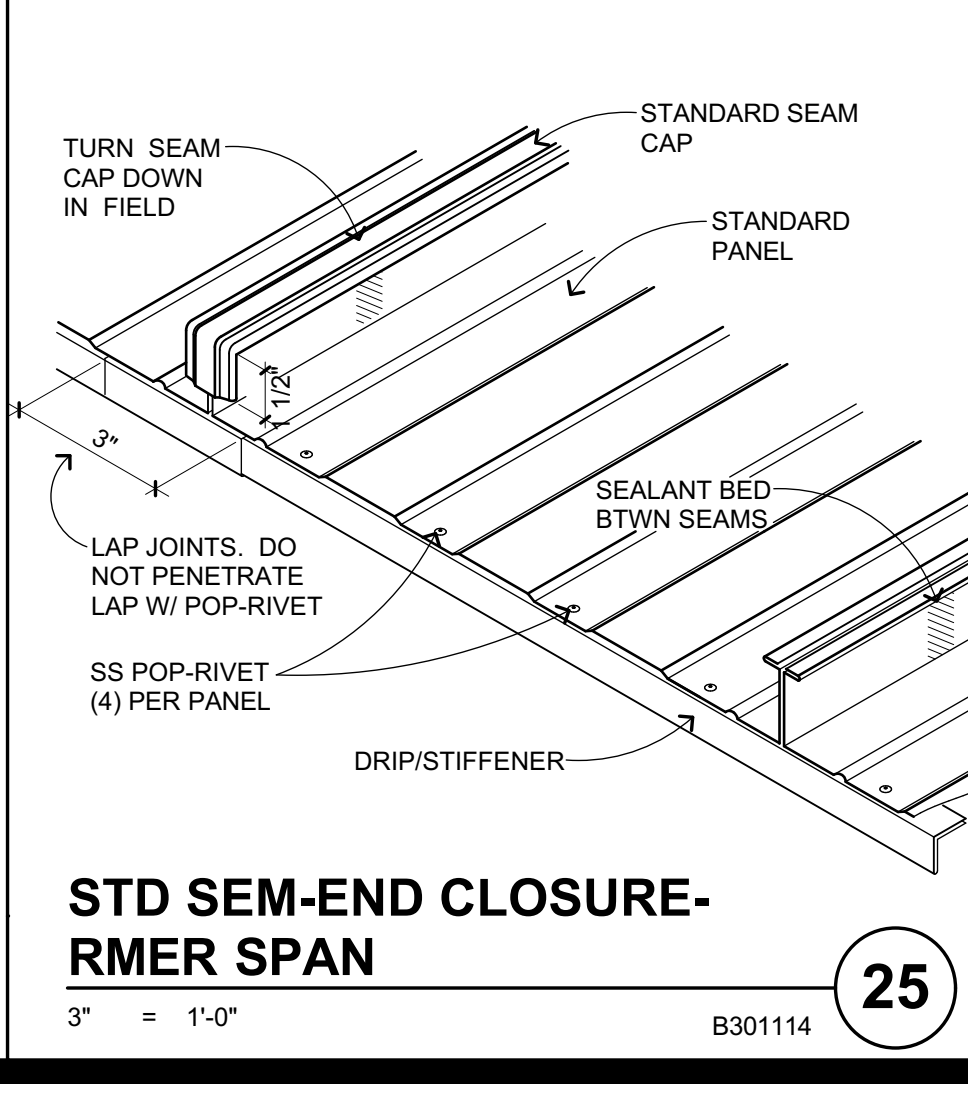
**RAKE AT CEM PLASTER - MTL FRMG**  
 3" = 1'-0"  
 B301109 **9**



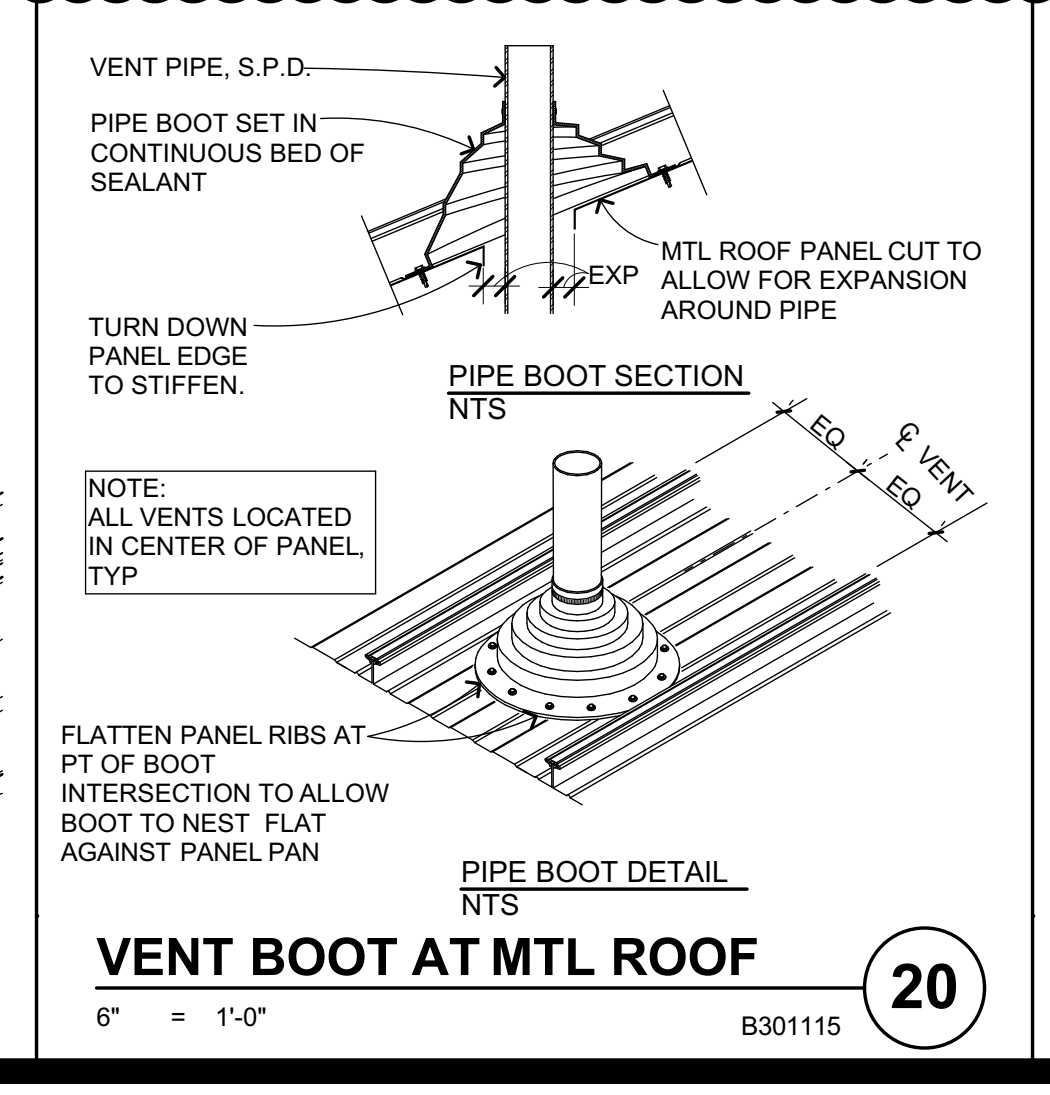
**ROOF RAKE**  
 3" = 1'-0"  
 B301103\_A **4**



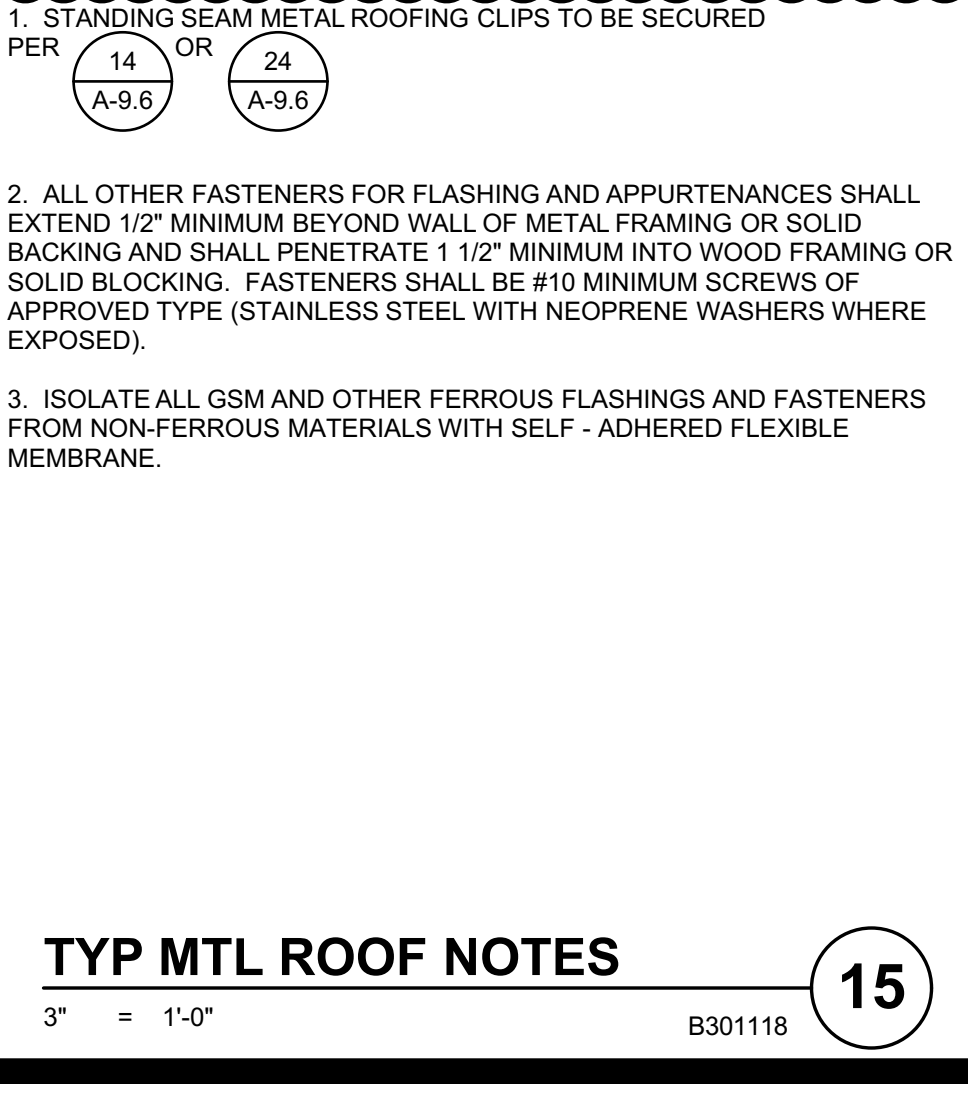
**RAKE AT MECH WELL**  
 1 1/2" = 1'-0"  
 1925.00 **30**



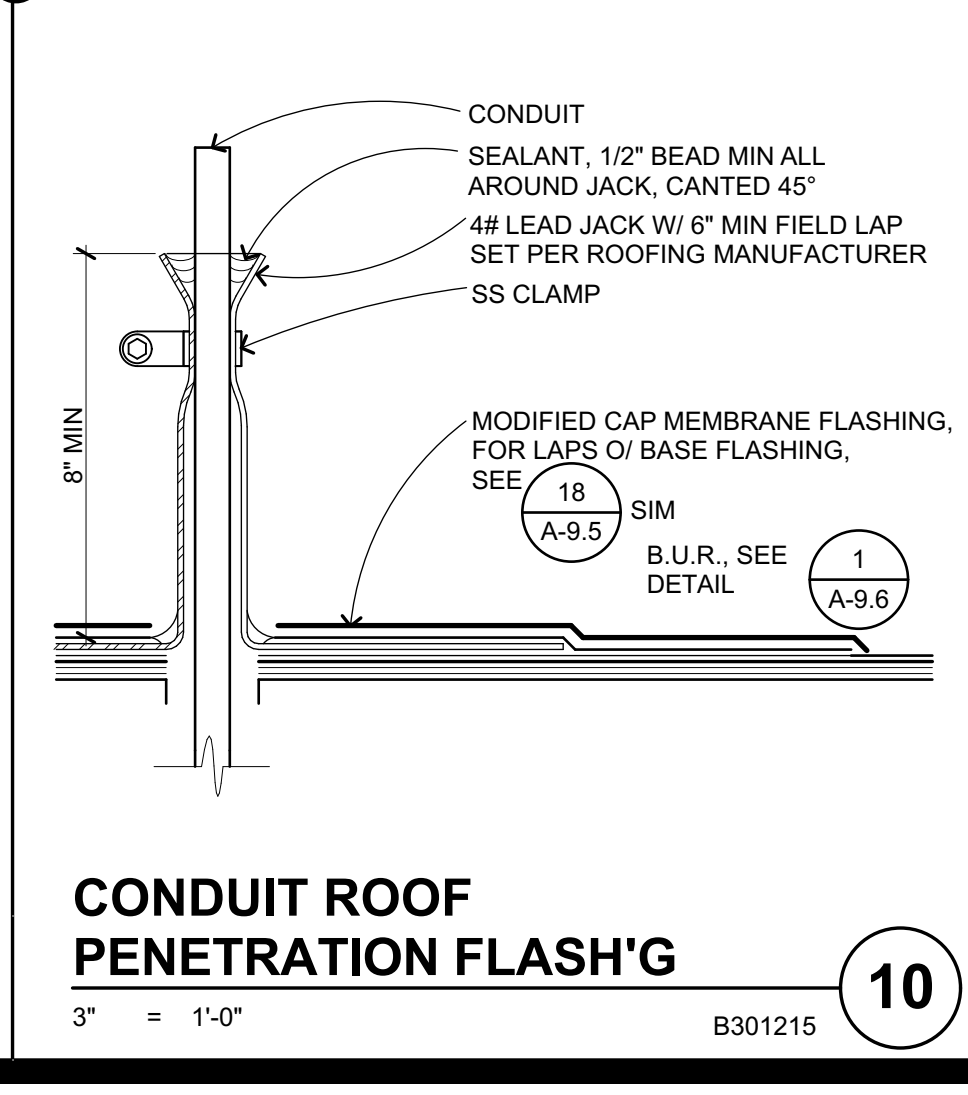
**STD SEM-END CLOSURE - RMER SPAN**  
 3" = 1'-0"  
 B301114 **25**



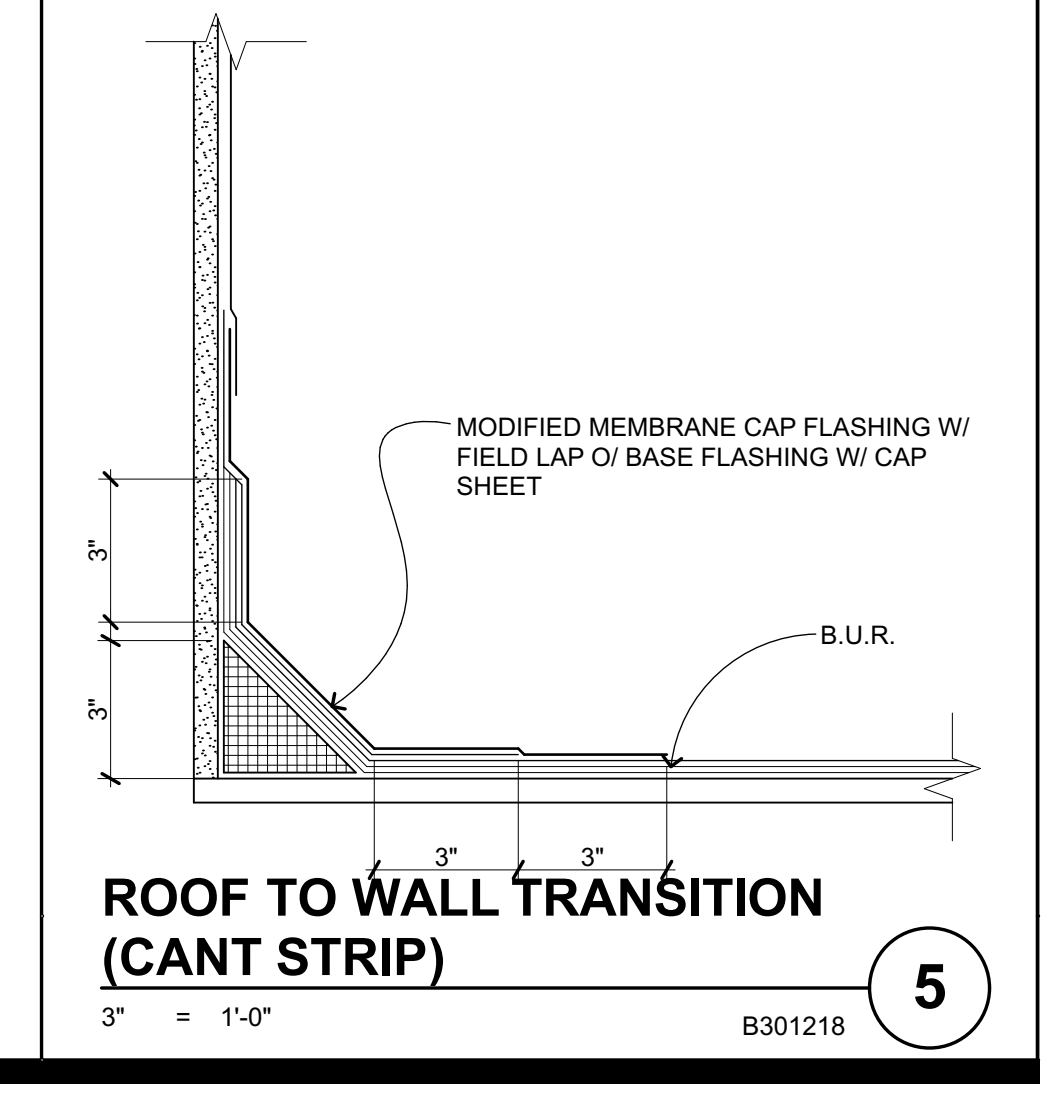
**VENT BOOT AT MTL ROOF**  
 6" = 1'-0"  
 B301115 **20**



**TYP MTL ROOF NOTES**  
 3" = 1'-0"  
 B301118 **15**



**CONDUIT ROOF PENETRATION FLASH'G**  
 3" = 1'-0"  
 B301215 **10**



**ROOF TO WALL TRANSITION (CANT STRIP)**  
 3" = 1'-0"  
 B301218 **5**

IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 APP: 01-119994 INC.  
 REVIEWED FOR  
 SS FLS ACS  
 DATE: 08/16/2022

QUATTROCCCHI KWOK  
 ARCHITECTS  
 Main:  
 636 Fifth Street, Santa Rosa, CA 95404  
 East Bay:  
 55 Harrison Street, Suite 525,  
 Oakland, CA 94607  
 (707) 576-0829

SIGNED: JUNE 24, 2022

LIBERTY  
 HIGH SCHOOL

NEW  
 CLASSROOM  
 BUILDINGS

850 2ND STREET  
 BRENTWOOD, CA  
 94513

LIBERTY UNION  
 HIGH SCHOOL  
 DISTRICT

08/18/22 BID CLARIFICATION

DSA APP NO. 01-119994

ARCH PROJECT NO. 1925.00  
 DRAWN BY: JDS & PAG  
 DRAWING SCALE: AS NOTED  
 P/TN: 61721-83 FILE NO: 7-H4  
 CONSTRUCTION DOCUMENTS  
 JUNE 24, 2022

BID CLARIFICATION 03  
 ROOF DETAILS

SHEET NUMBER  
**A-9.6**

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PER DSA IR 25-2.13 (11/09/17)

**1. CEILING SYSTEM GENERAL NOTES:**

- 1.01 Ceiling system components shall comply with ASTM C635-07 and Section 5.1 of ASTM E580-10a.
- 1.02 The ceiling grid system must be rated heavy duty as defined by ASTM C635-08.
- 1.03 Ceiling systems ARMSTRONG WORLD INDUSTRIES PRELUDE XL, ICC ESR 1308
  - a. Main Runner: 7301
  - b. Cross Runner: XL7340.
- 1.04 Seismic Wall Clip: BER22 clip
- 1.05 Ceiling panels shall not support any light fixtures, air terminals or devices.
- 1.06 For ceiling installations utilizing acoustical tile panels of mineral or glass fiber, it is not mandatory to provide 1/2" 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 1/2" clearance between the ceiling panel and the wall on the sides of the ceiling free to slip.

**2. MATERIALS:**

- 2.01 Ceiling wire shall be Class 1 zinc coated (galvanized) carbon steel conforming to ASTM A641-09a. Wire shall be #12 gage (0.106" diameter) with soft temper and minimum tensile strength 70 ksi.
- 2.02 Galvanized sheet steel (including that used for metal stud and track compression struts/post) shall conform to ASTM A653-11, or other equivalent sheet steel listed in Section A2.1 of the North American Specification for the Design of Cold-Formed Steel Structural Members 2007, including supplement 2 dated 2010 (AISI S100-07S2-10). Material 43 mil (18 gage) and lighter shall have minimum yield strength of 53 ksi. Material 54 mil (16 gage) and heavier shall have a minimum yield strength of 50 ksi.
- 2.03 Electrical metallic tube (EMT) shall be ANSI C80.3/UL 797 carbon steel with G90 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 six (6) inches from all unbraced ducts, pipes, conduit, etc.
- 3.02 Hanger and bracing wires shall not attach to or bend around obstructions including but not limited to: piping, ductwork, conduit and equipment.
- 3.03 Hanger wires that are more than one (horizontal) out of plumb shall have counter-sloping 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 bent as 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 C1513-10, ASME B18.6.4-89 (R2005). Penetration of screws through joined material shall not be less than three exposed threads.
- 4.02 Expansion anchors shall be:
  - a. Simpson Strong-Bolt 2 (ICC ESR 3037)
  - b. Hilti KB1 (IAPMO ER 678)
- 4.03 Power-Actuated Fasteners shall be:
  - a. Hilti XJU (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 member.
- 4.05 Power-actuated fasteners in concrete 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 anchor.
- 4.07 Welding shall be in accordance with AWS D1.3 using E60XX series electrodes.

**5. TESTING:** All field testing must be performed in the presence of the project inspector.

- 5.01 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 lbs. in tension. All other post-installed anchors in concrete shall be tested in accordance with CBC Section 1913A.7.
- 5.02 Post-installed anchors in concrete used to attach bracing wires shall be tested at a frequency of 50 percent in accordance with CBC Section 1913A.7.

**6. LIGHT FIXTURES:**

- 6.01 All light fixtures shall be positively attached to the ceiling suspension systems by mechanical means to resist a horizontal force equal to the weight of the fixture. A minimum of two screws or approved fasteners are required at each light fixture, per ASTM E580, Section 5.3.1.
- 6.02 Surface-mounted light fixtures shall be attached to the main runner with at least two positive clamping devices. The clamping device shall completely surround the supporting ceiling runner and anchor to the structure with a minimum thickness of #14 gage. Rotational spring catches do not comply. A #12 gage slack safety wire shall be connected from each clamping device to the structure above. Provide additional supports when light fixtures are eight (8) feet or longer or exceed 56 lb. Maximum spacing between supports shall not exceed eight (8) feet.
- 6.03 Light fixtures weighing less than or equal to 10 lb. shall have a minimum of one (1) #12 gage slack safety wire connected from the fixture housing to the structure above.
- 6.04 Light fixtures weighing less than or equal to 10 lb. shall have a minimum of one (1) #12 gage slack safety wire connected from the fixture housing to the structure above.
- 6.05 Light fixtures weighing greater than 10 lb. but less than or equal to 56 lb. may be supported directly on the ceiling runners, but they shall have a minimum of two (2) #12 gage slack safety wires connected from the fixture housing at diagonal corners to the structure above. Exception: All light fixtures greater than two by four feet weighing less than 56 lb. shall have a #12 gage slack safety wire at each corner.
- 6.06 All Light fixtures weighing greater than 56 lb. shall be independently supported by not less than four (4) #12 gage hanger wires (one at each corner) attached from the fixture housing to the structure above or other approved hangers. The four (4) #12 gage hanger wires or other approved hangers, including their attachment to the structure above, shall be capable of supporting four (4) times the weight of the fixture.

**7. SERVICES WITHIN THE CEILING:**

- 7.01 All flexible sprinkler hose fitting mounting brackets, ceiling-mounted air terminals or other services shall be positively attached to the ceiling suspension systems by mechanical means. Screws or approved fasteners are required. A minimum of two attachments are required at each component.
- 7.02 Ceiling-mounted air terminals or other services weighing less than or equal to 20 lb. shall have one (1) #12 gage slack safety wire attached from the terminal or service to the structure above.
- 7.03 Flexible sprinkler hose fittings, ceiling-mounted air terminals or other services weighing more than 20 lb. but less than or equal to 56 lb. shall have two (2) #12 gage slack safety wires (at diagonal corners) connected from the terminal or service to the structure above.
- 7.04 Flexible sprinkler hose fittings, ceiling-mounted air terminals or other services weighing more than 56 lb. shall be supported directly from the structure above by not less than four (4) #12 gage hanger wires attached from the terminal or service to the structure above or other approved hangers.

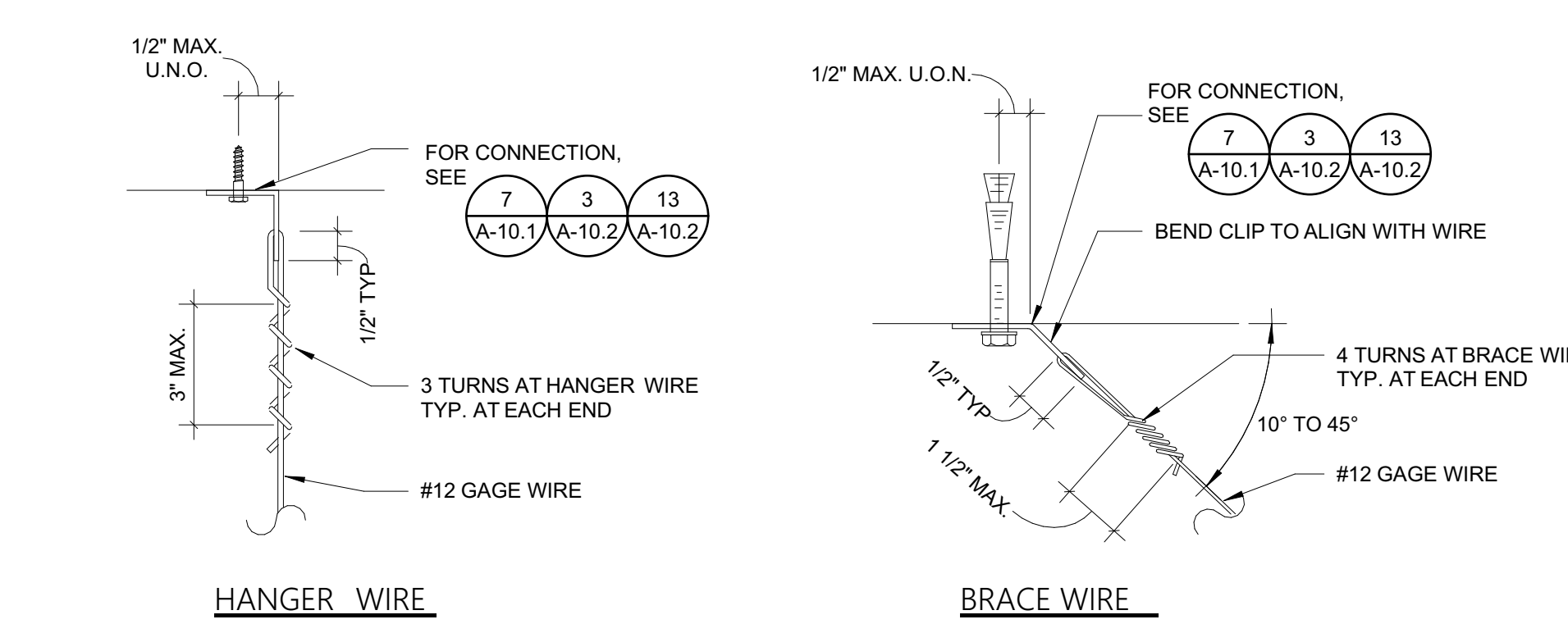
**8. OTHER DEVICES WITHIN THE CEILING:**

- 8.01 All lightweight miscellaneous devices, such as strobe lights, occupancy sensors, speakers, exit signs, etc., shall be attached to the ceiling grid. In addition, devices weighing more than 10 lbs. shall have a #12 gage slack safety wire anchored to the structure above. Devices weighing more than 20 lb. shall be supported independently from the structure above.

**TYP SUSP CLG NOTES**

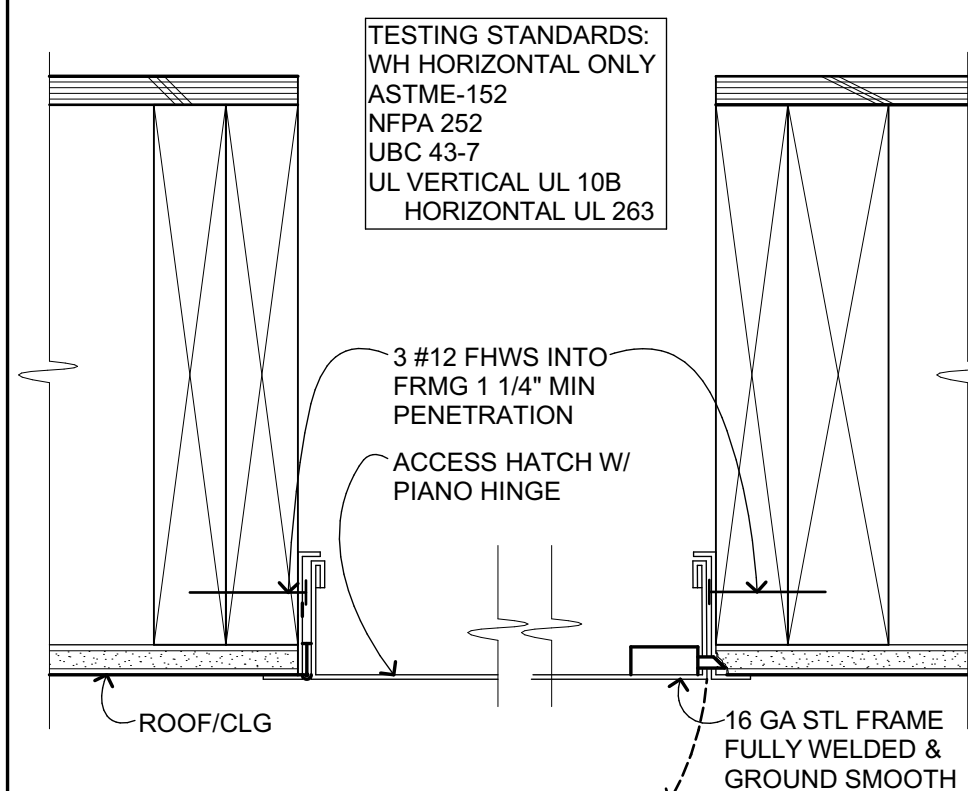
1/4" = 1'-0" C303209\_2019 1925.00 28

**PER IR 25-2**

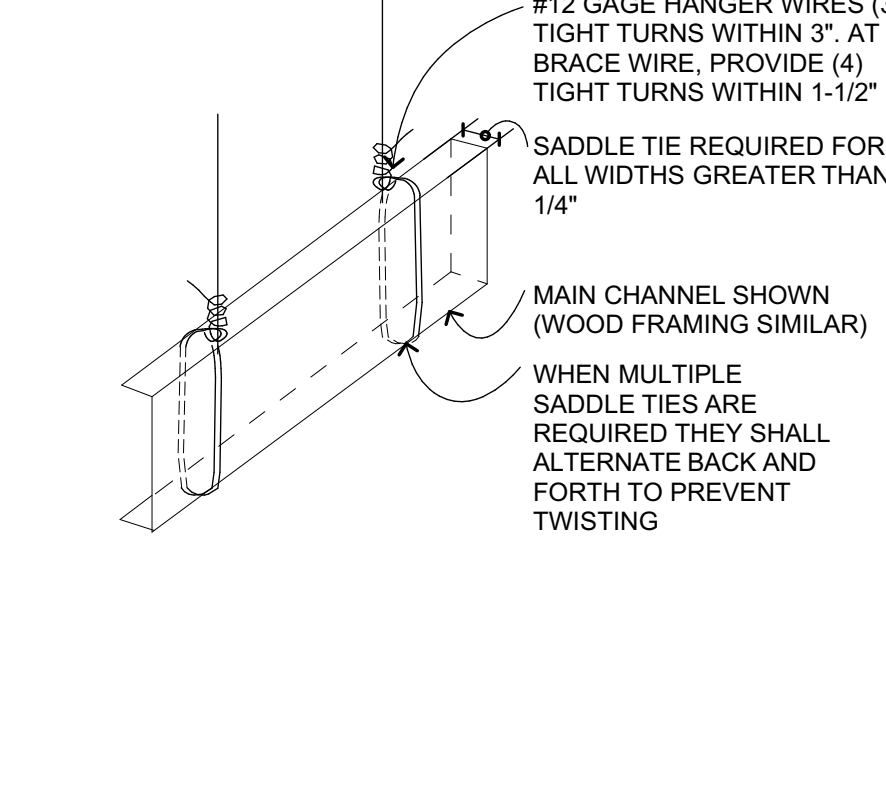


**TYP HANGER AND BRACE WIRE CONNECTION**

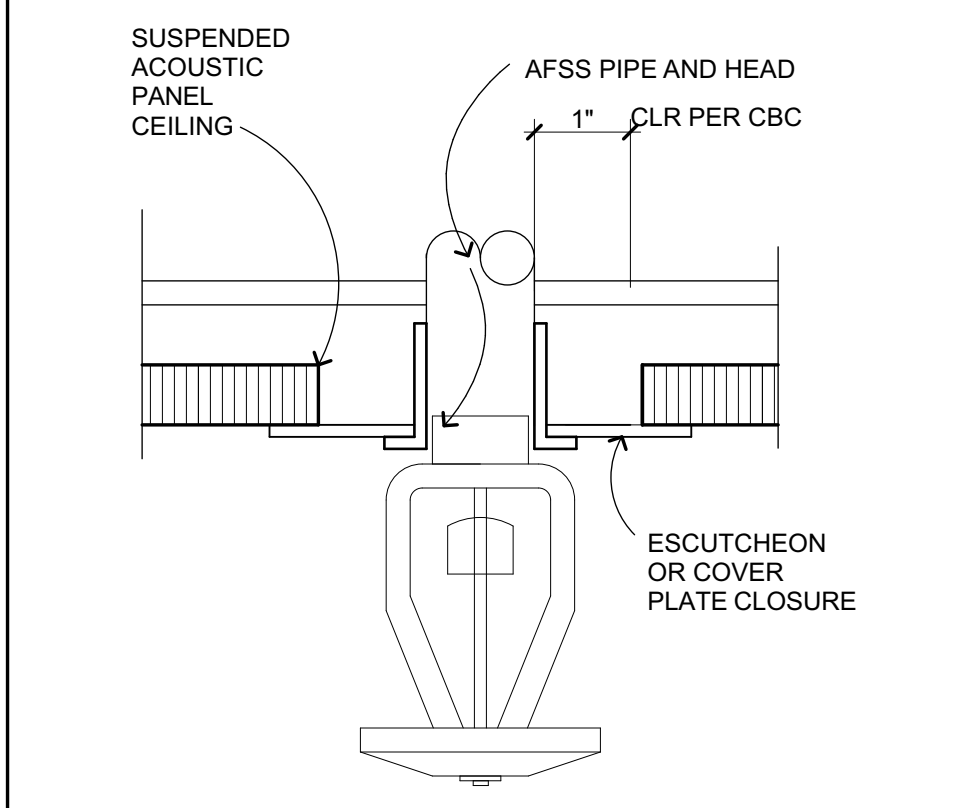
1/8" = 1'-0" C303209\_2019 1925.00 29



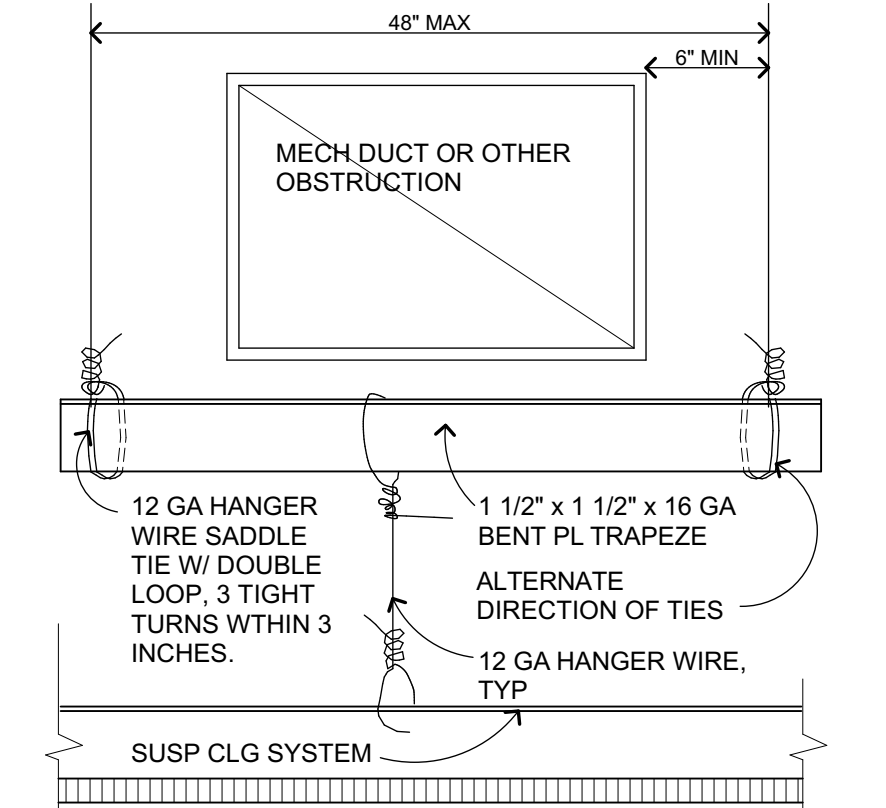
**CLG ACCESS PANEL-NONRATED**  
3" = 1'-0" C303302 21



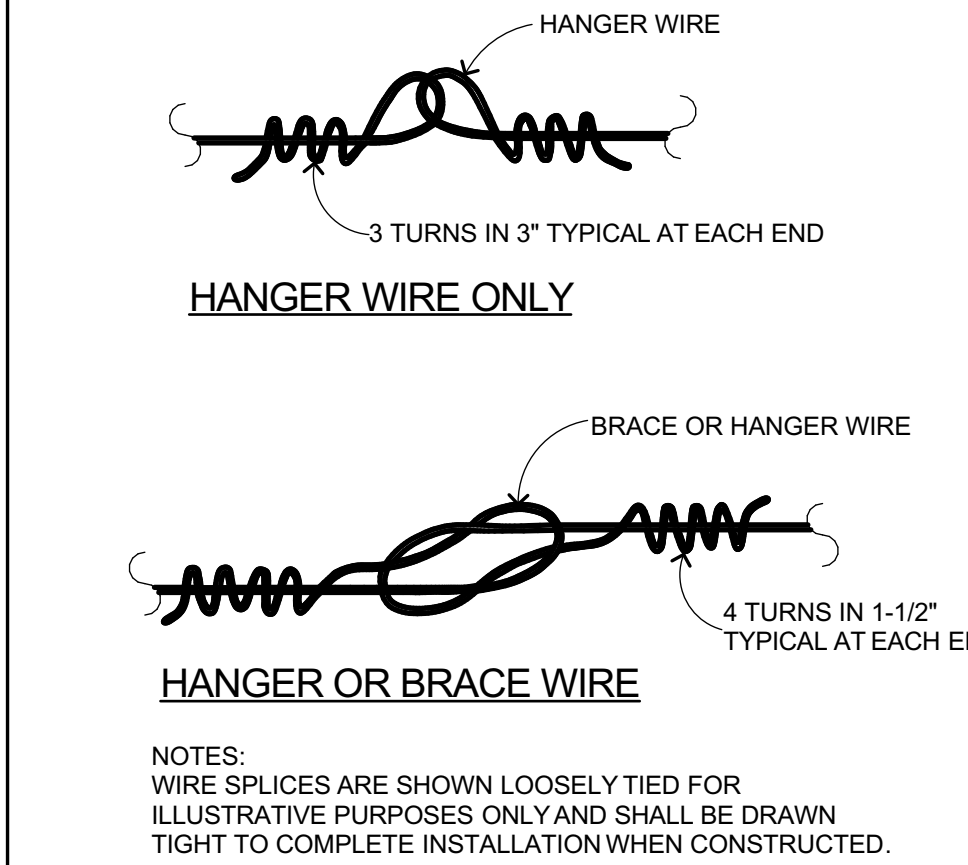
**SADDLE TIE DETAIL**  
3" = 1'-0" C303221 16



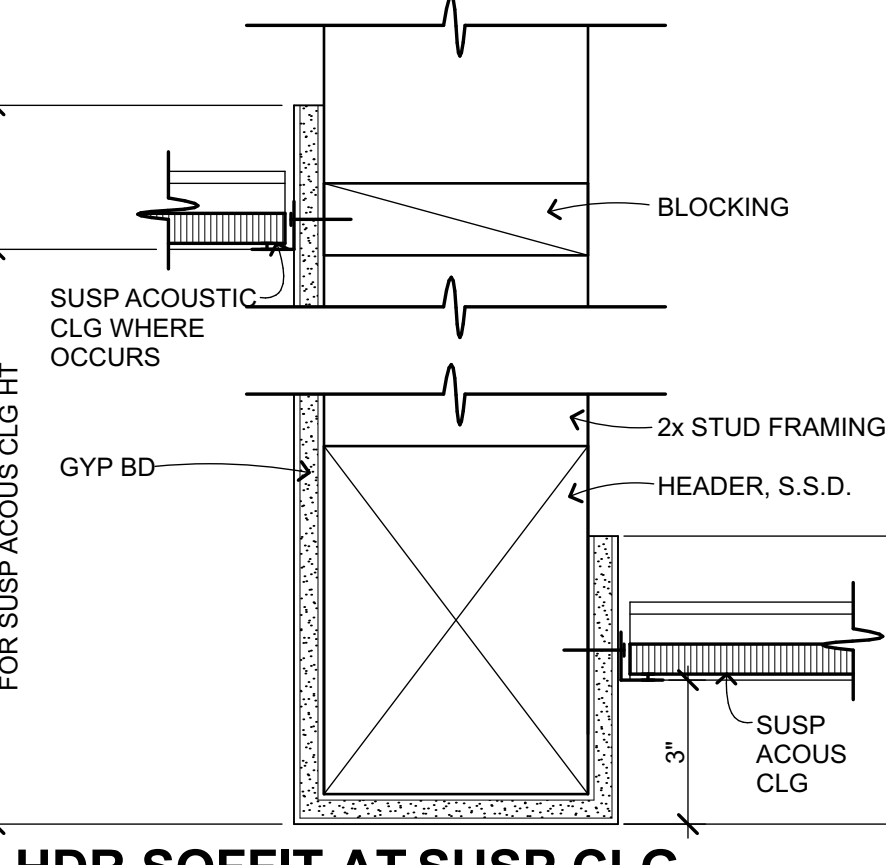
**FIRE SPRINKLER HD PLATE**  
6" = 1'-0" C303217 22



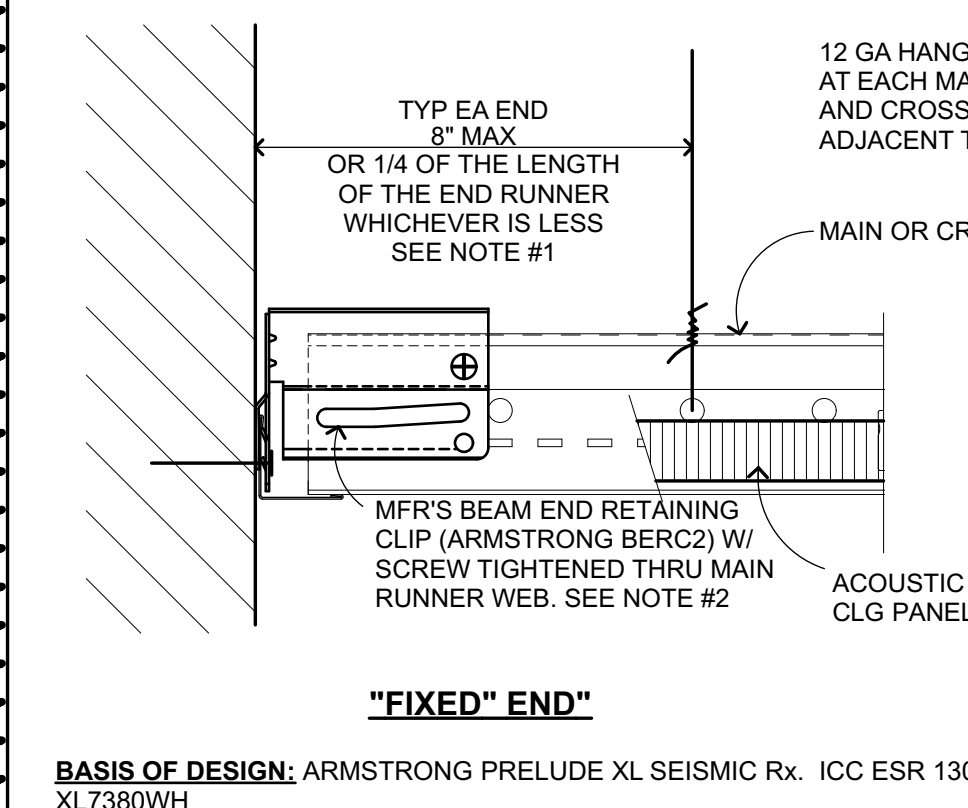
**SUSP ACOUS CLG TRAPEZE**  
3" = 1'-0" C303203 17



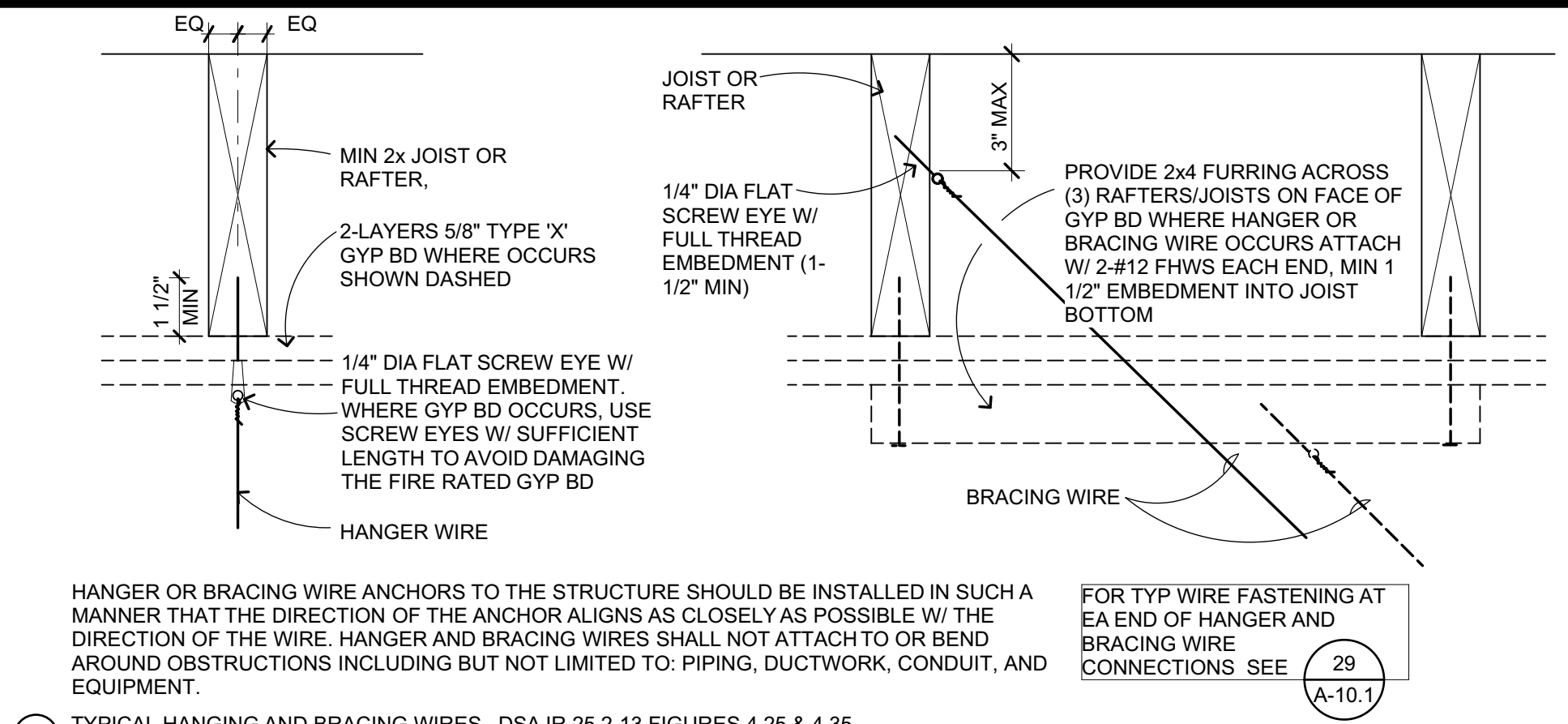
**WIRE SPLICE DETAIL**  
3" = 1'-0" E201115 23



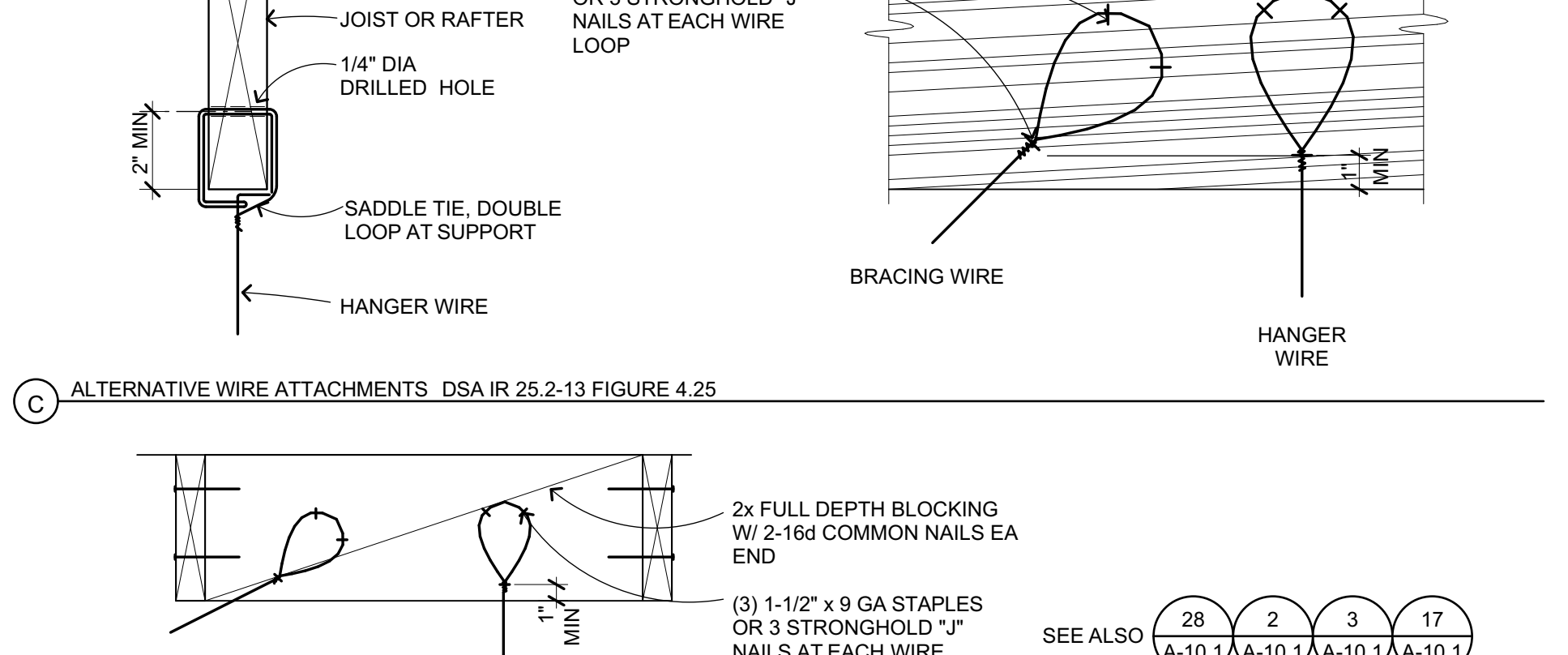
**HDR SOFFIT AT SUSP CLG-WDR**  
3" = 1'-0" C303210\_A 18



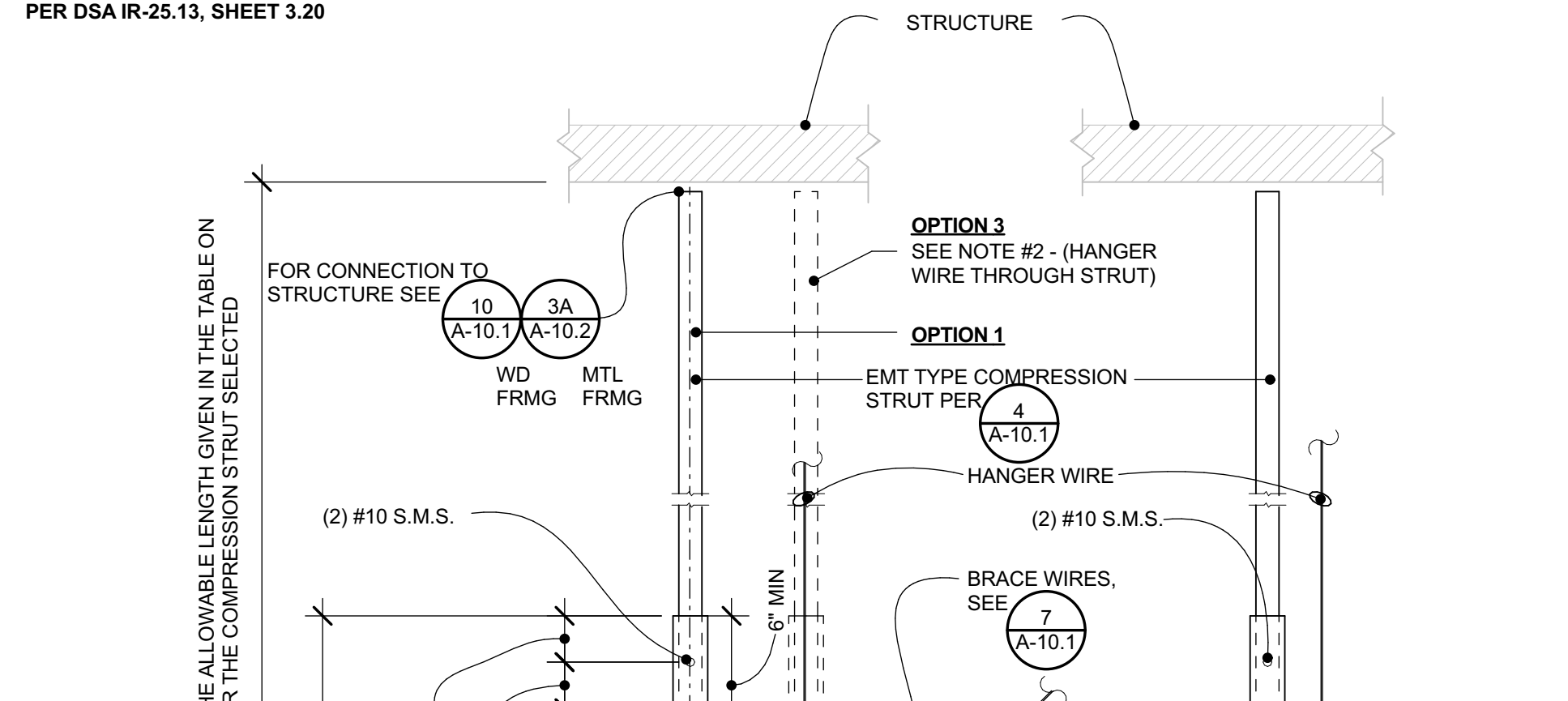
**SUSP CLG PERIMETER- MFR CLIP**  
6" = 1'-0" C303206 19



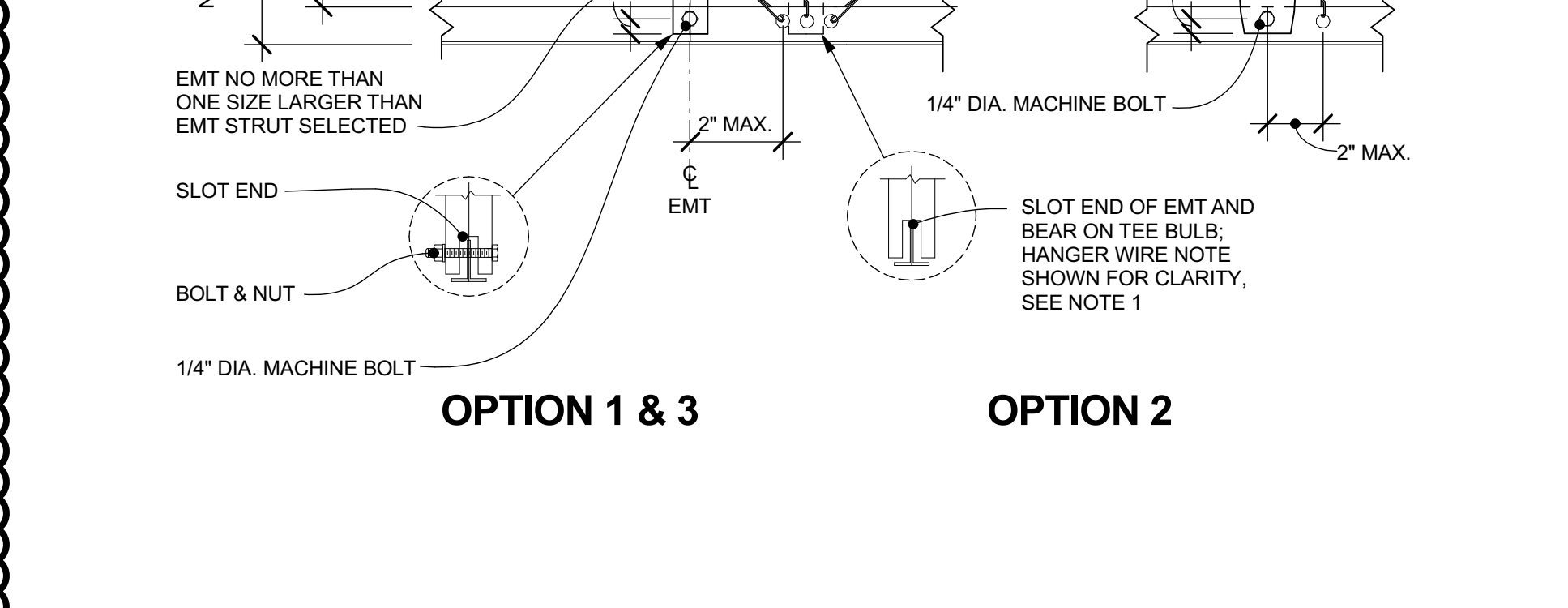
**TYPICAL HANGING AND BRACING WIRES** DSA IR 25-2.13 FIGURES 4.25 & 4.35  
3" = 1'-0" A-10.1 25



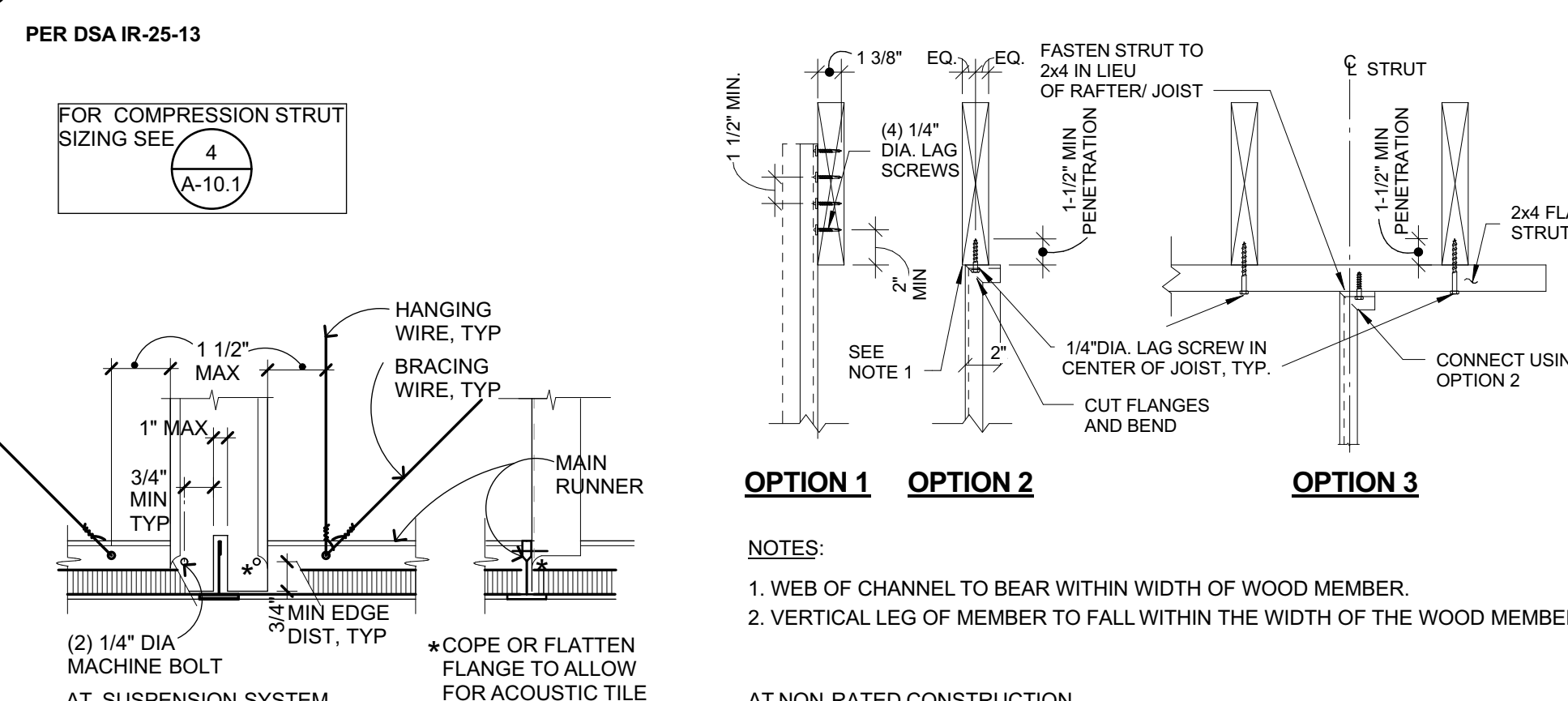
**ALTERNATIVE WIRE ATTACHMENTS** DSA IR 25-2.13 FIGURE 4.25  
3" = 1'-0" C303204 7



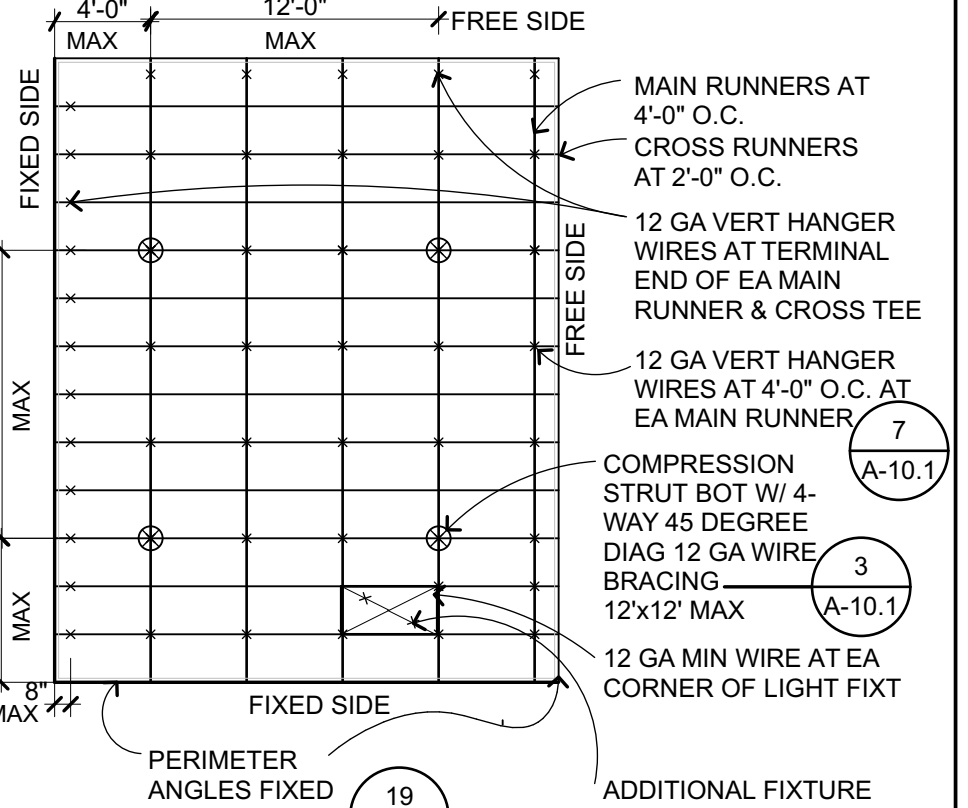
**SUSP ACOUS CLG-WD FRMG**  
3" = 1'-0" C303204 7



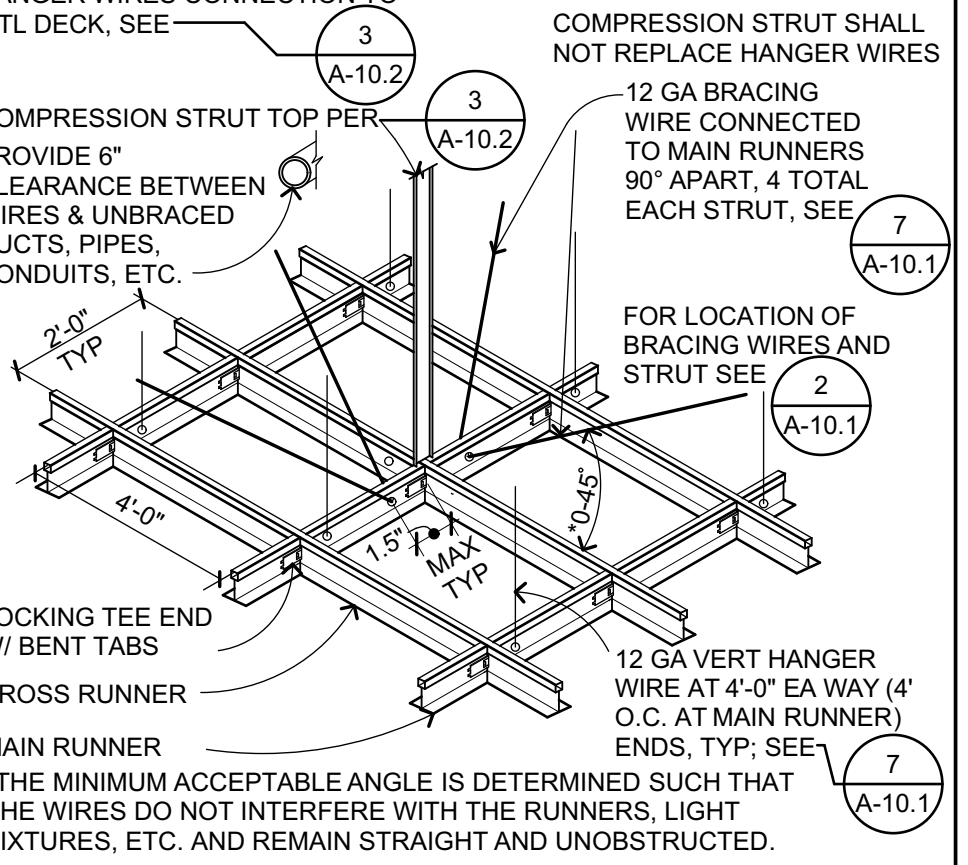
**EMT COMPRESSION STRUT**  
1/4" = 1'-0" C303202A.1 9



**ALT MTL CHANNEL COMPRESSION STRUT**  
3" = 1'-0" C303202\_A 10



**SUSP CLG SUPPORT PLAN**  
1/8" = 1'-0" C303208 2



**CROSS-TEE INTERSECTION**  
1 1/2" = 1'-0" C303201 3

PER DSA IR 25-2.13 FIGURE 3.21

FOR EMT COMPRESSION STRUT REFER TO (9) (A-10.1)

EMT COMPRESSION STRUT	MAXIMUM LENGTH
1 1/2" DIA EMT (0.042" WALL TH)	3'-11"
3/4" DIA EMT (0.049" WALL TH)	6'-4"
1" DIA EMT (0.057" WALL TH)	9'-9"
1 1/4" DIA EMT (0.065" WALL TH)	12'-9"
1-1/2" DIA EMT (0.065" WALL TH)	14'-9"
2" DIA EMT (0.065" WALL TH)	18'-10"

FOR CHANNEL COMPRESSION STRUT REFER TO (10) (A-10.1)

CHANNEL COMPRESSION STRUT	MAXIMUM LENGTH
250S125-33	5'-0"
250S137-33	6'-0"
362S137-33	8'-0"
250S137-43	8'-0"
400S137-43	10'-0"

**COMPRESSION STRUT TABLE**  
1" = 1'-0" C303214 4

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 01-119994 INC.  
REVIEWED FOR  
DATE: 08/18/2022

QUATTROCCHI KWOK  
ARCHITECTS  
Main:  
636 Fifth Street, Santa Rosa, CA 95404  
East Bay:  
55 Harrison Street, Suite 525,  
Oakland, CA 94607  
(707) 576-0829

SIGNED: JUNE 24, 2022

STATE OF CALIFORNIA  
LICENSE # C22643  
EXP JUNE 30, 2023

LIBERTY  
HIGH SCHOOL

NEW  
CLASSROOM  
BUILDINGS

850 2ND STREET  
BRENTWOOD, CA  
94513

LIBERTY UNION  
HIGH SCHOOL  
DISTRICT

ARCH PROJECT NO: 1925.00  
DRAWN BY: JDS & PAG  
DRAWING SCALE: AS NOTED  
PTN: 61721-83 FILE NO: 7-H4  
CONSTRUCTION DOCUMENTS  
JUNE 24, 2022

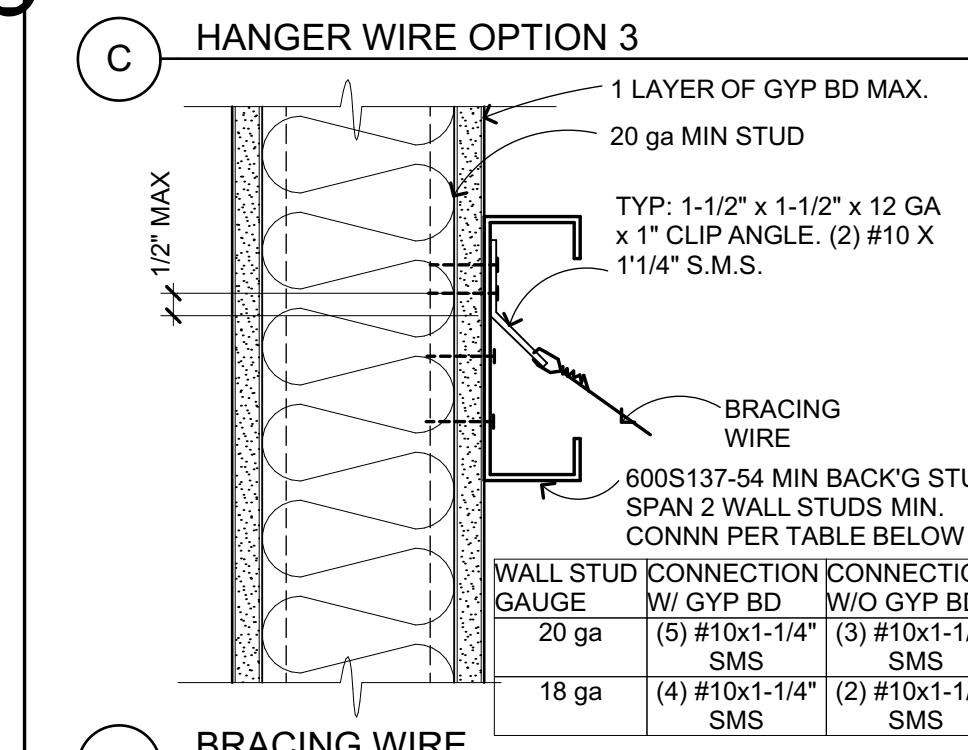
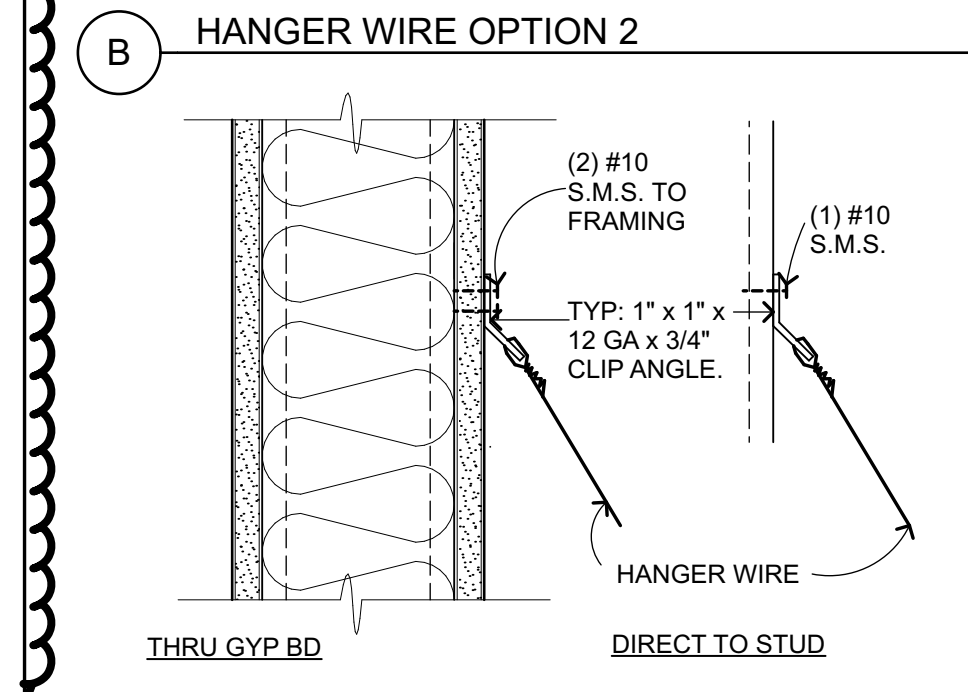
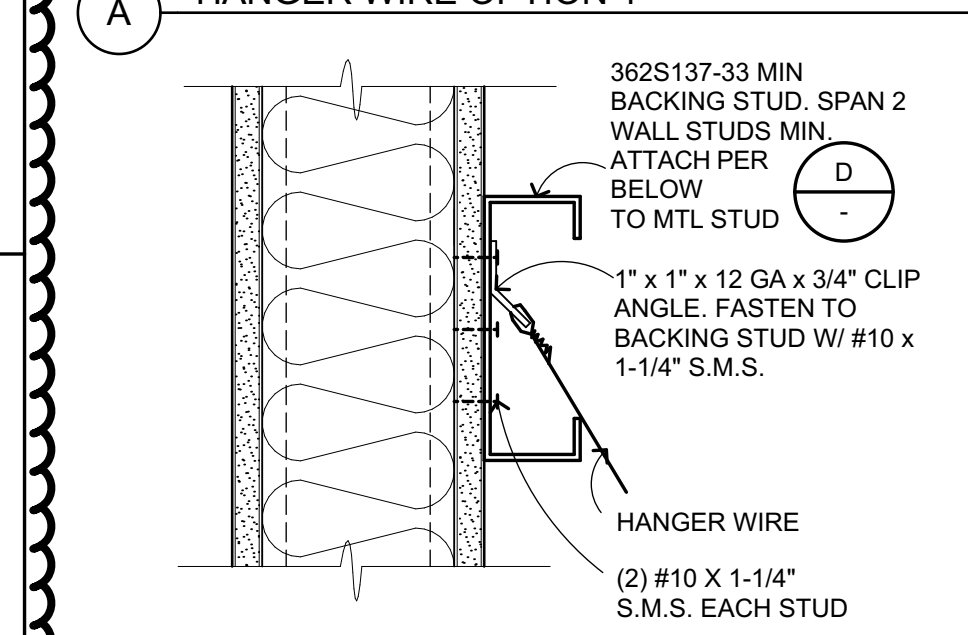
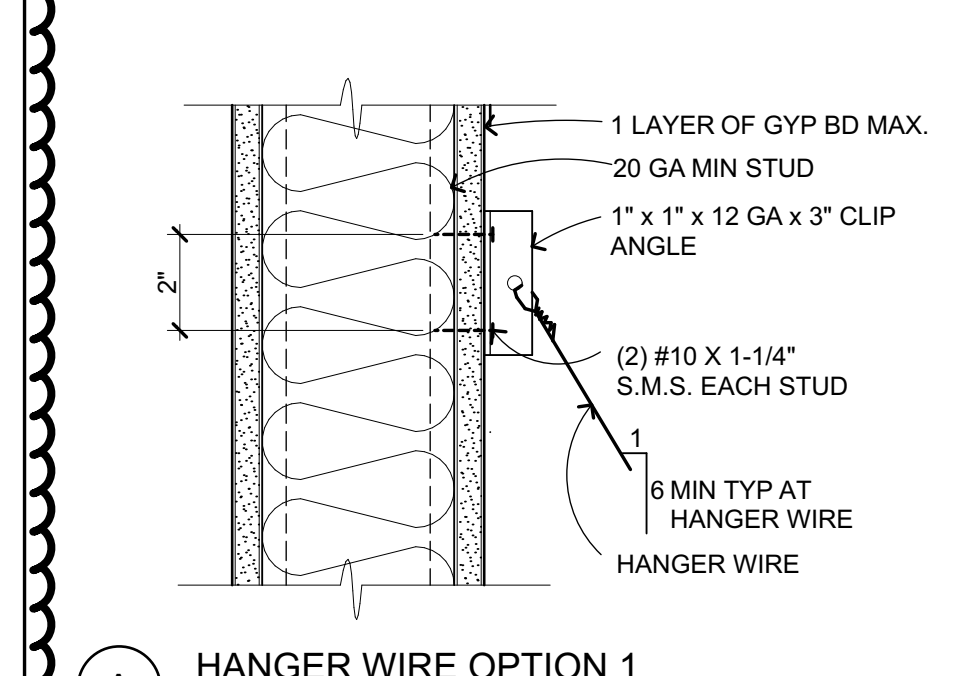
BID CLARIFICATION 03  
CEILING DETAILS  
WD

A-10.1



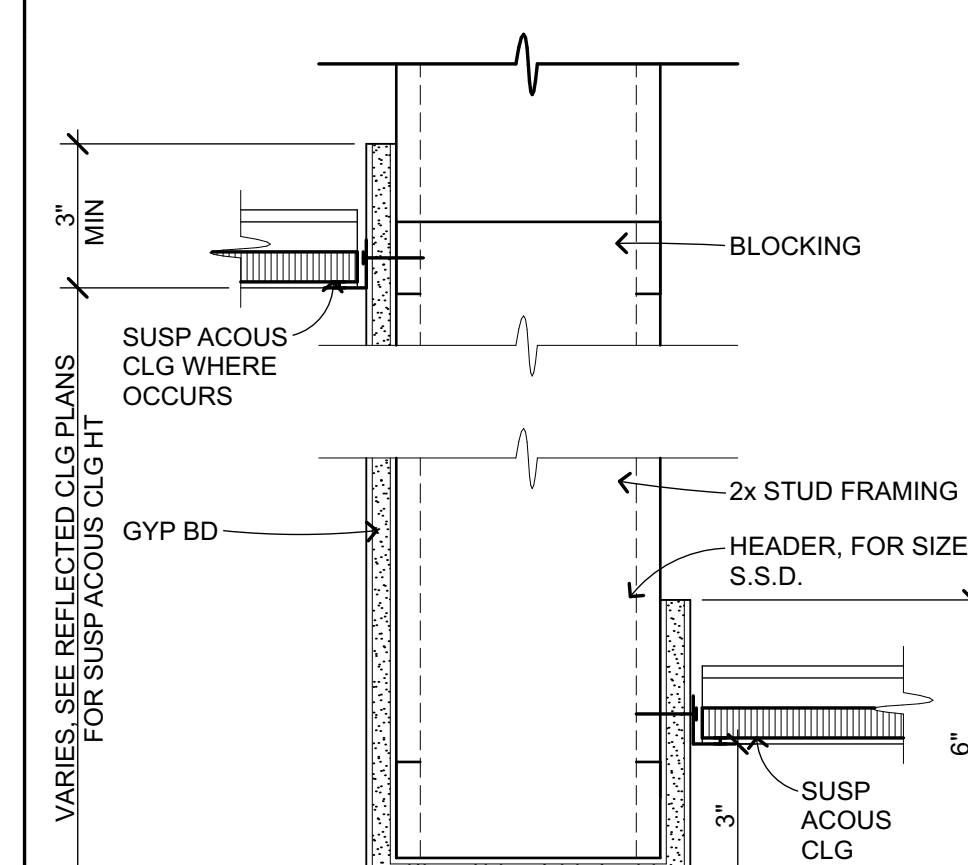
BIMcloud: archiver - BIMcloud Basic for ARCHICAD 22/1925.00 Liberty HS Classroom - BLDG A - AC22/1/27/2022.5:32 PM

DSA IR 25.2-13 FIG 4.24  
 TYP ALL OPTIONS APPLICABLE FOR PERIMETER WIRE ATTACHMENT OR WHERE OBSTRUCTIONS PREVENT ATTACHMENT TO STRUCTURE ABOVE



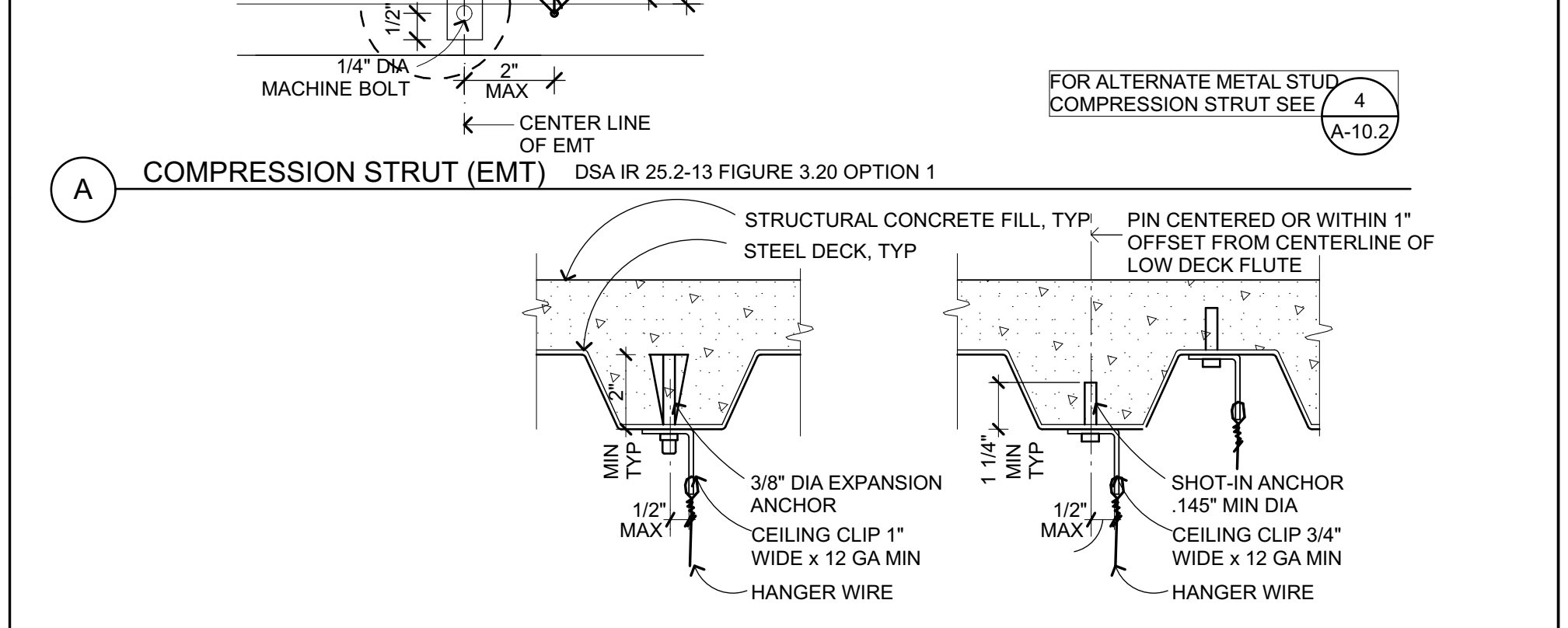
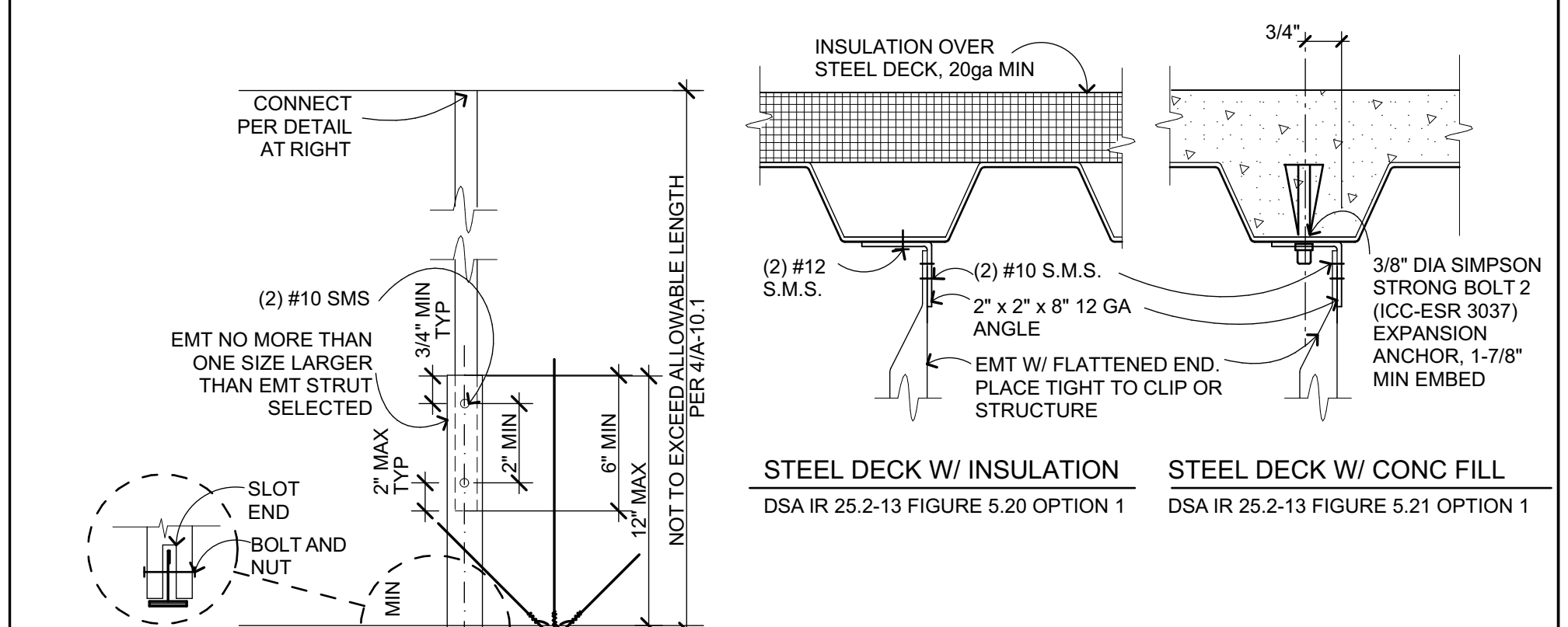
**WIRES TO MTL STUD**  
 3\"/>

**Wires to MTL Stud**  
 3\"/>

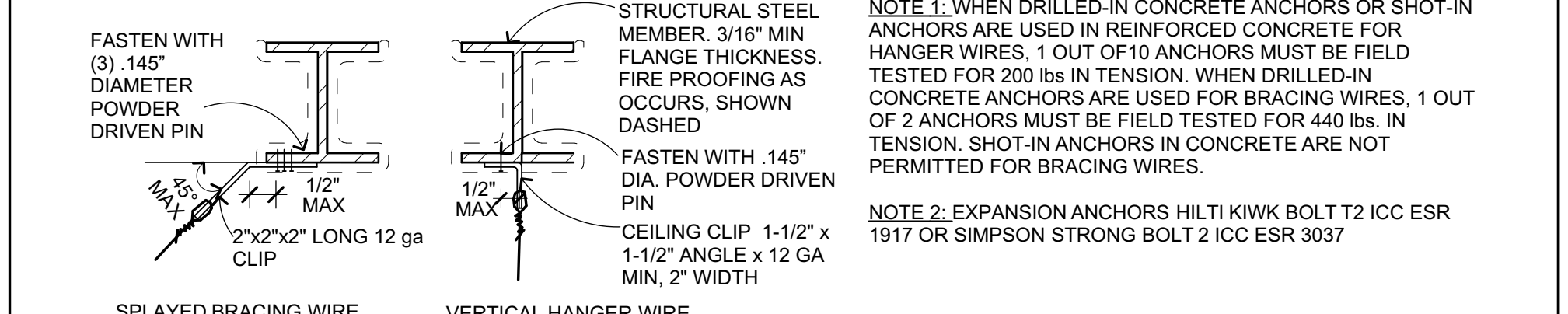
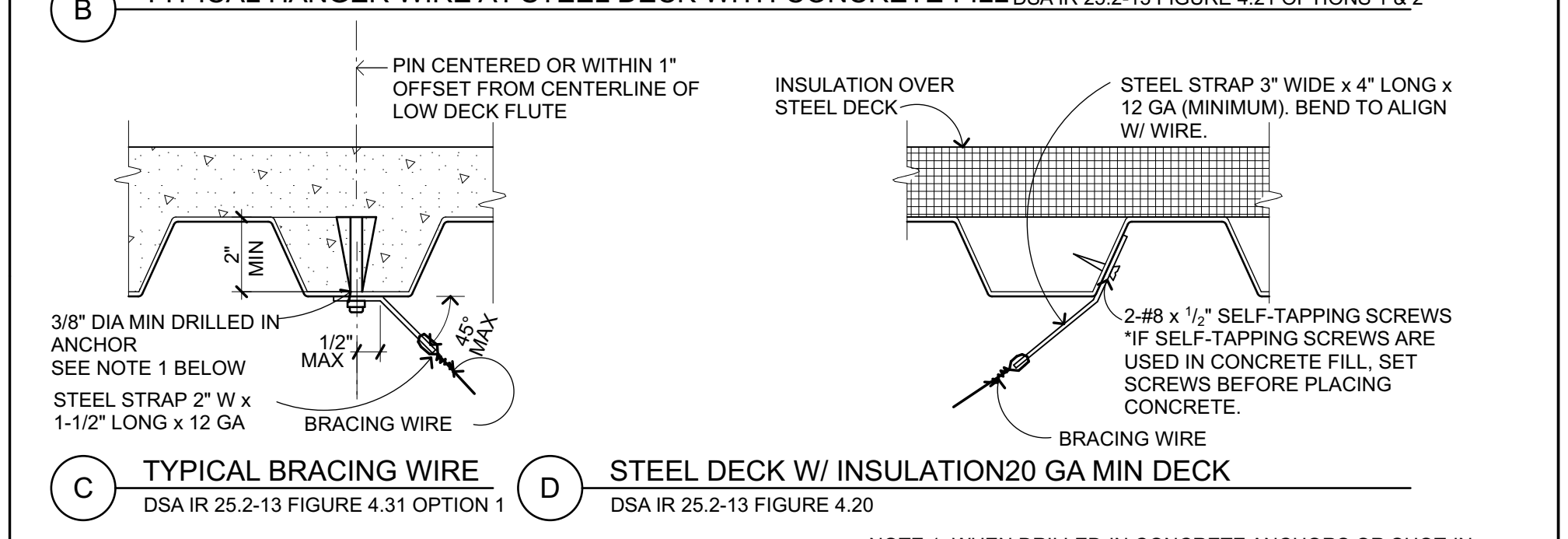


**HDR SOFFIT AT SUSP CLG-MTL**  
 3\"/>

**HDR Soffit at Susp Clg-MTL**  
 3\"/>

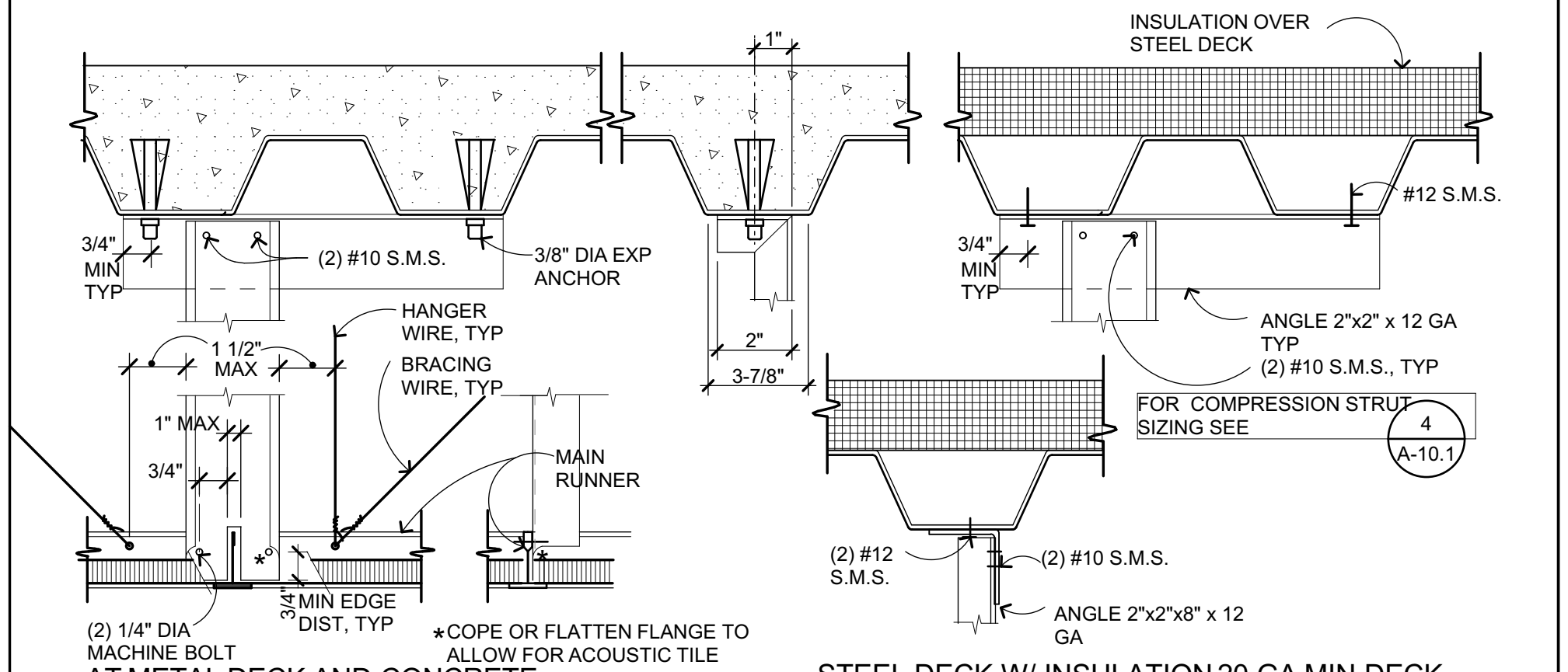


**TYPICAL HANGER WIRE AT STEEL DECK WITH CONCRETE FILL**  
 DSA IR 25.2-13 FIGURE 4.21 OPTIONS 1 & 2



**AT STEEL BEAM**  
 NO PIN IS TO BE INSTALLED IN THE PROTECTED ZONE OF ANY STEEL MEMBER

**SUSP ACOUS CLG-MTL DECK**  
 3\"/>



**ALT MTL CHANNEL STRUT**  
 3\"/>

**Alt Mtl Channel Strut**  
 3\"/>

IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 APP: 01-119994 INC.  
 REVIEWED FOR  
 SS  FLS  ACS   
 DATE: 08/16/2022

**QUATTROCCHI KWOK ARCHITECTS**  
 Main:  
 636 Fifth Street, Santa Rosa, CA 95404  
 East Bay:  
 55 Harrison Street, Suite 525, Oakland, CA 94607  
 (707) 576-0829  
 LICENSE # C22843  
 EXPIRES JUNE 30, 2023  
 STATE OF CALIFORNIA  
 SIGNED: JUNE 24, 2022

**LIBERTY HIGH SCHOOL**

**NEW CLASSROOM BUILDINGS**

850 2ND STREET  
 BRENTWOOD, CA  
 94513

**LIBERTY UNION HIGH SCHOOL DISTRICT**

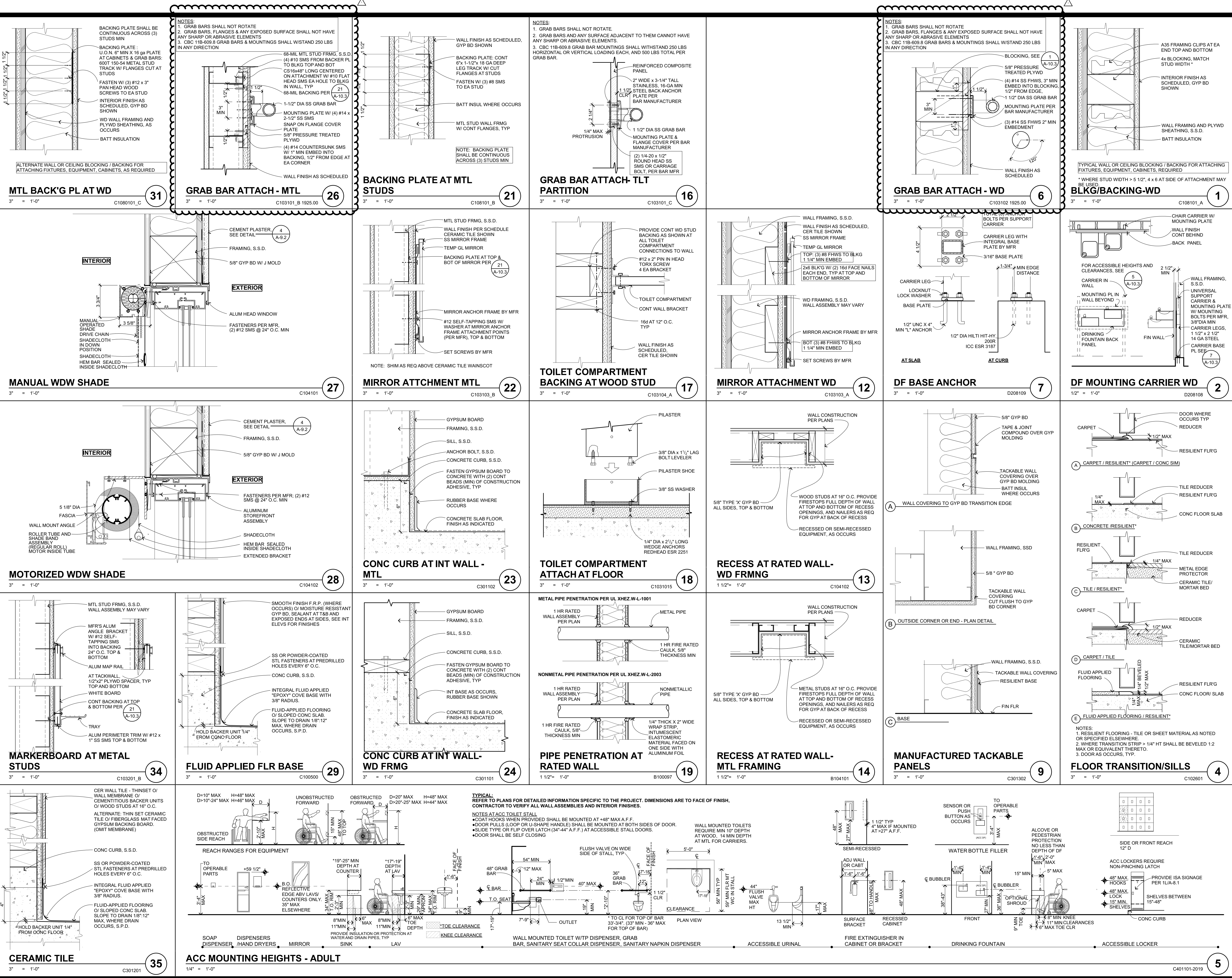
08/18/22 BID CLARIFICATION

DSA APP NO. 01-119994  
 ARCH PROJECT NO. 1925.00  
 DRAWN BY: JDS & PAG  
 DRAWING SCALE: AS NOTED  
 PTN: 61721-83 FILE NO: 7-H4  
 CONSTRUCTION DOCUMENTS  
 JUNE 24, 2022  
 SHEET TITLE

**BID CLARIFICATION 03 CEILING DETAILS CONC AND METAL**

SHEET NUMBER  
**A-10.2**





IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 01-119994 INC.  
REVIEWED FOR  
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East Bay:  
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SIGNED: JUNE 24, 2022

LIBERTY HIGH SCHOOL  
NEW CLASSROOM BUILDINGS  
850 2ND STREET  
BRENTWOOD, CA 94513

LIBERTY UNION HIGH SCHOOL DISTRICT

ARCH PROJECT NO: 1925.00  
DRAWN BY: JDS & PAG  
DRAWING SCALE: AS NOTED  
PTN: 61721-83 FILE NO: 7-H4  
CONSTRUCTION DOCUMENTS  
JUNE 24, 2022

DSAPP NO. 01-119994

BID CLARIFICATION 03  
**INTERIOR DETAILS**

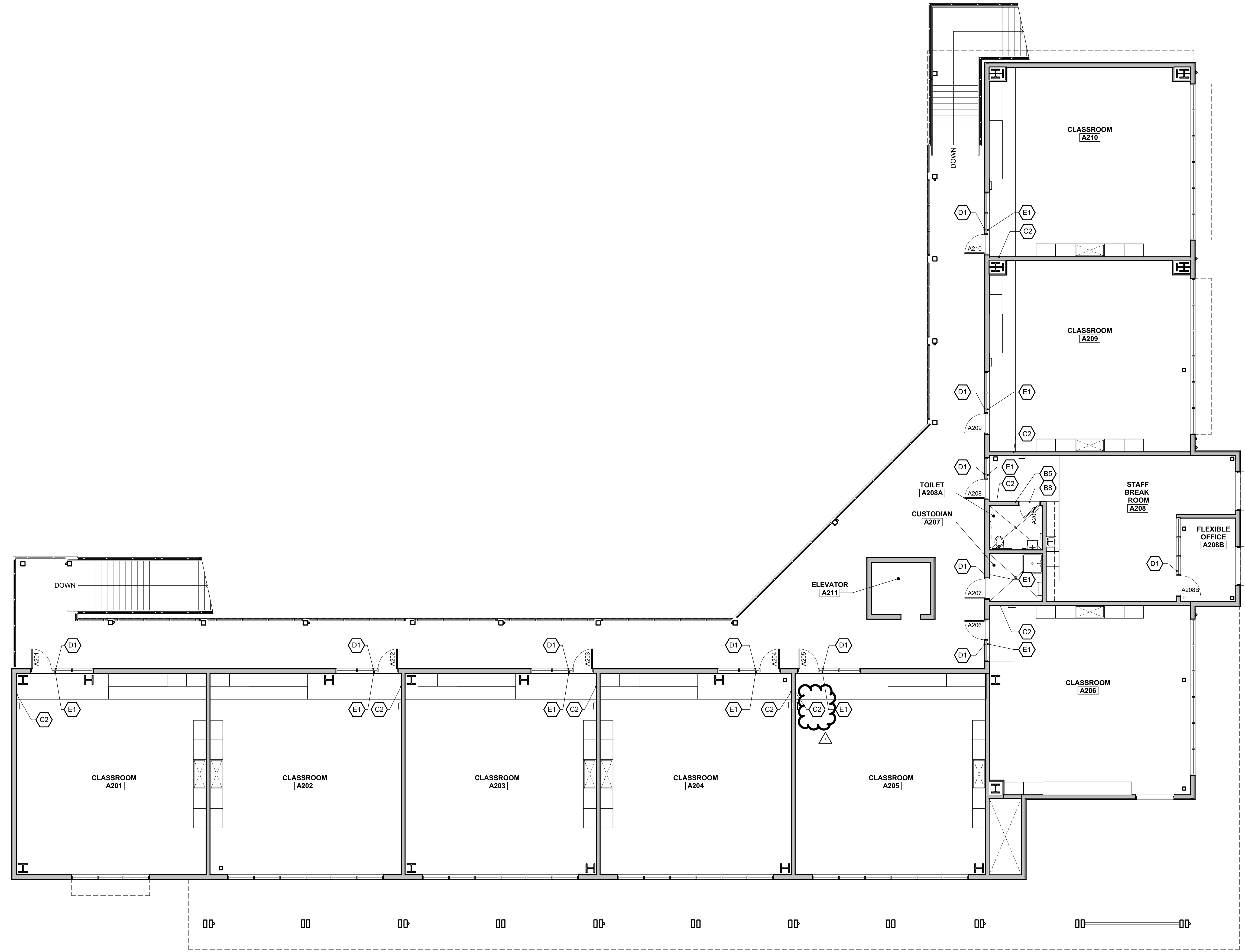
SHEET NUMBER

**A-10.3**

BIMcloud: architect - BIMcloud Basic for ARCHICAD 27/1925.00 Liberty HS Classroom - BLDG A - AC22/1/27/2022-5:32 PM



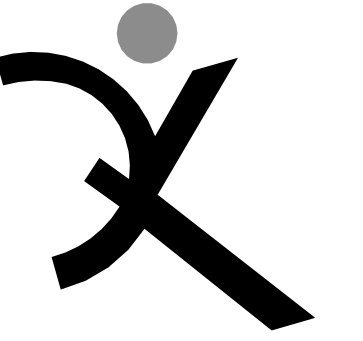
BMcloud: architect - BIMcloud Basic for ARCHICAD 22/1925.00 Liberty HS Classroom - BLDG A - AC22/1/21/2022.5:33 PM



**SIGNAGE PLAN GENERAL NOTES**

1. REFER TO SHEET A-8.1 FOR SIGNAGE DETAILS

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**LIBERTY  
HIGH SCHOOL**

**NEW  
CLASSROOM  
BUILDINGS**

850 2ND STREET  
BRENTWOOD, CA  
94513

**LIBERTY UNION  
HIGH SCHOOL  
DISTRICT**

08/18/22 BID CLARIFICATION

DSA APP NO. 01-119994

ARCH PROJECT NO. 1925.00

DRAWN BY: JDS

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

PTN: 61721-83 FILE NO: 7-H4

CONSTRUCTION DOCUMENTS

JUNE 24, 2022

SHEET TITLE

BID CLARIFICATION 03  
**BLDG A - SECOND  
FLOOR SIGNAGE  
PLAN**

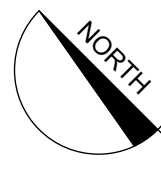
SHEET NUMBER

**AG-A2.2**

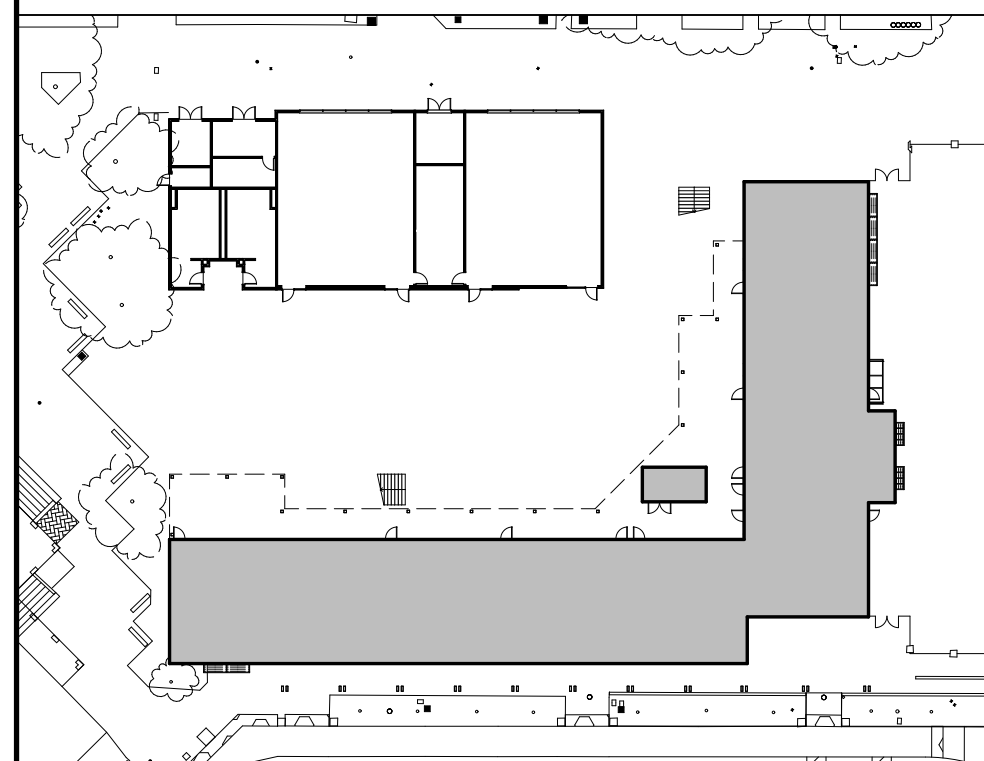
**SECOND FLOOR GRAPHICS PLAN**

1/8" = 1'-0"

1

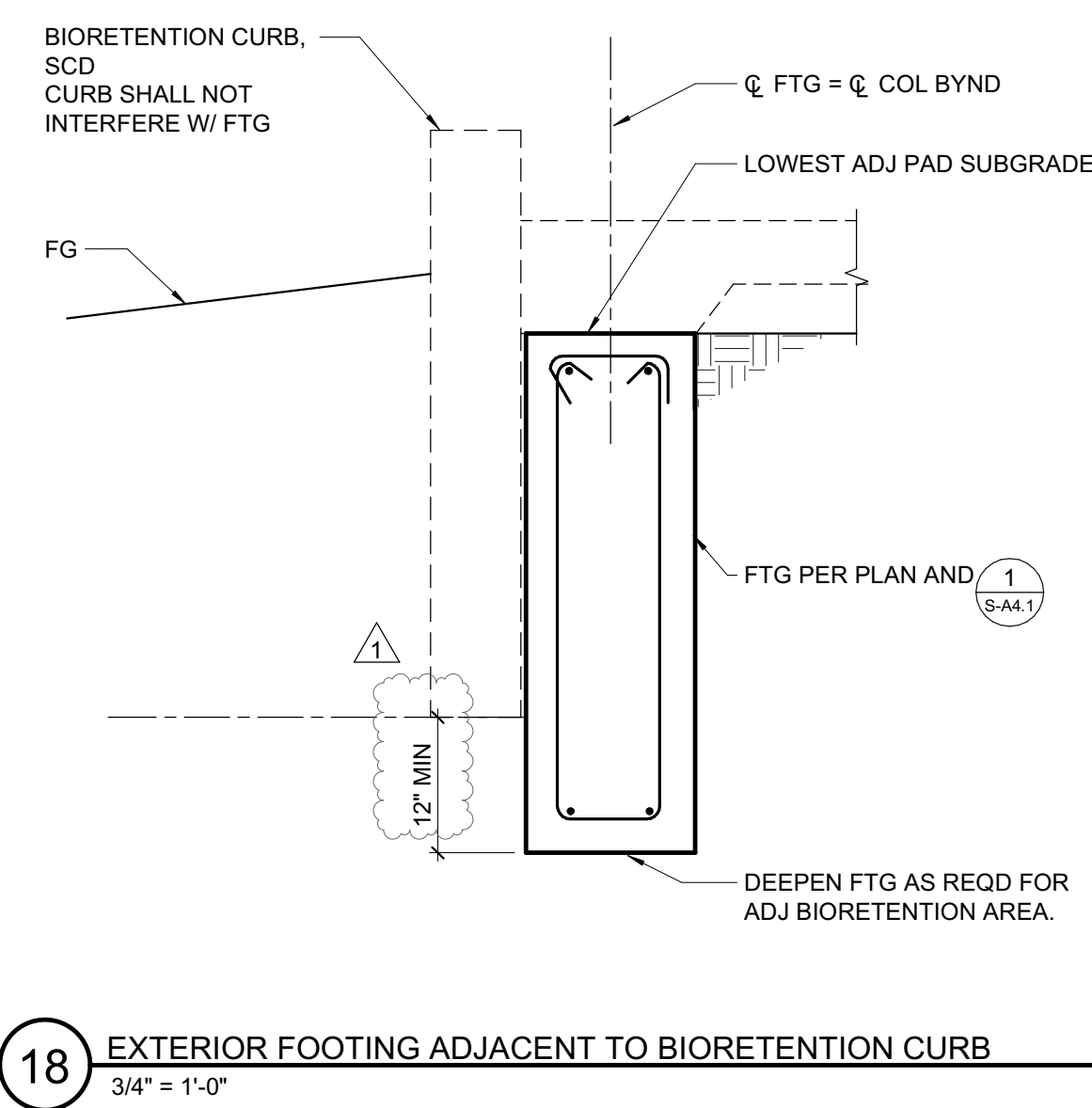


**KEY PLAN**

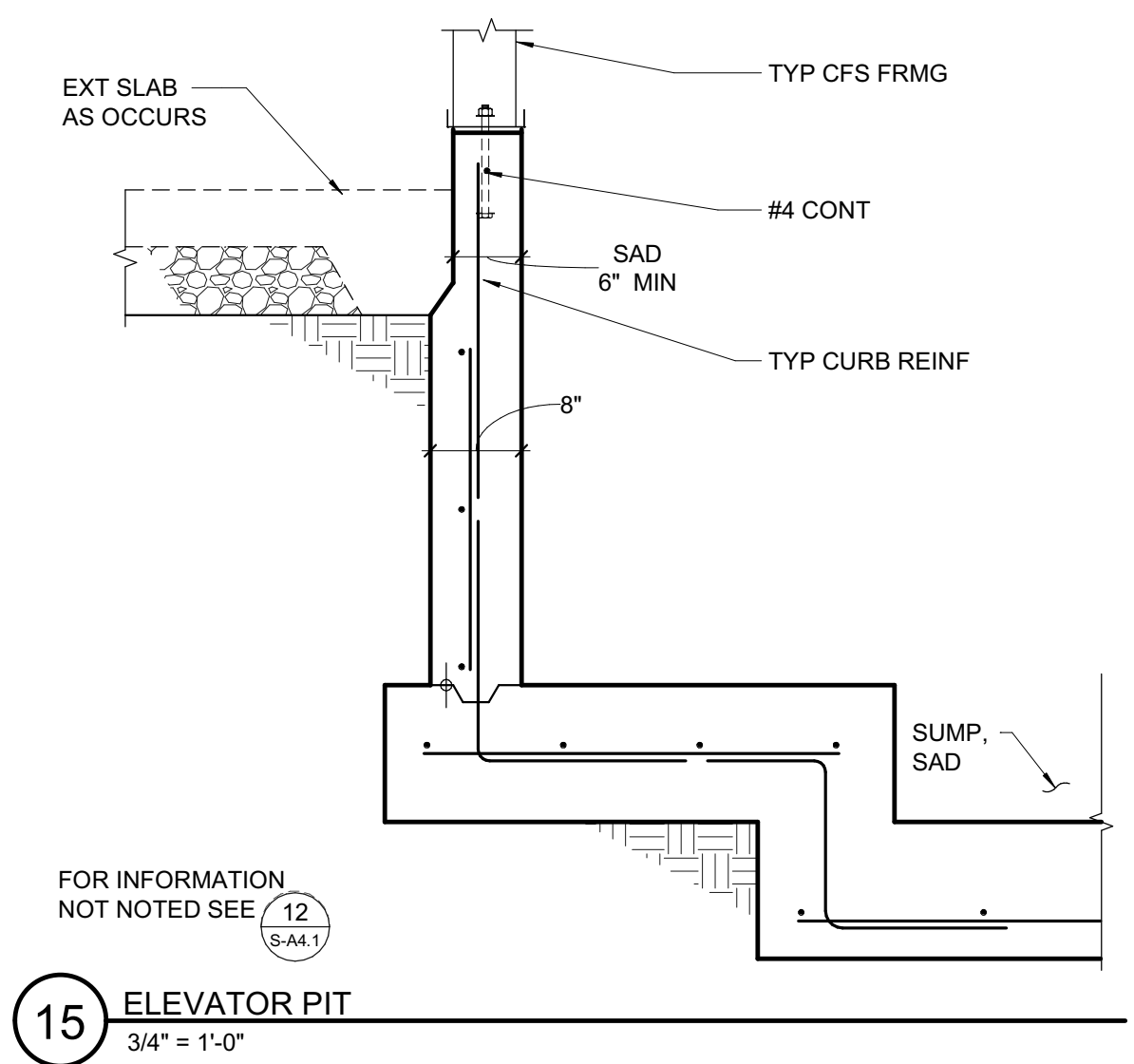




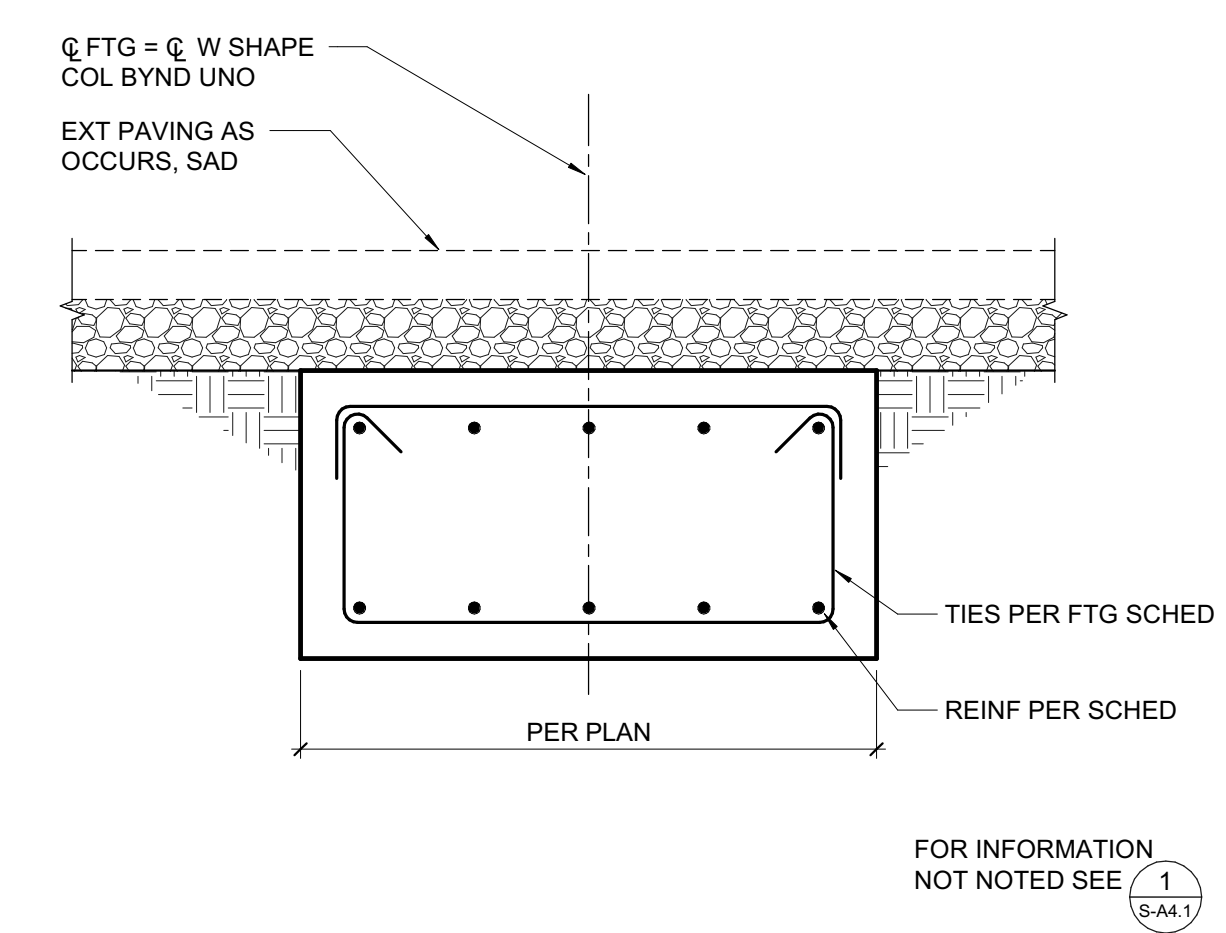




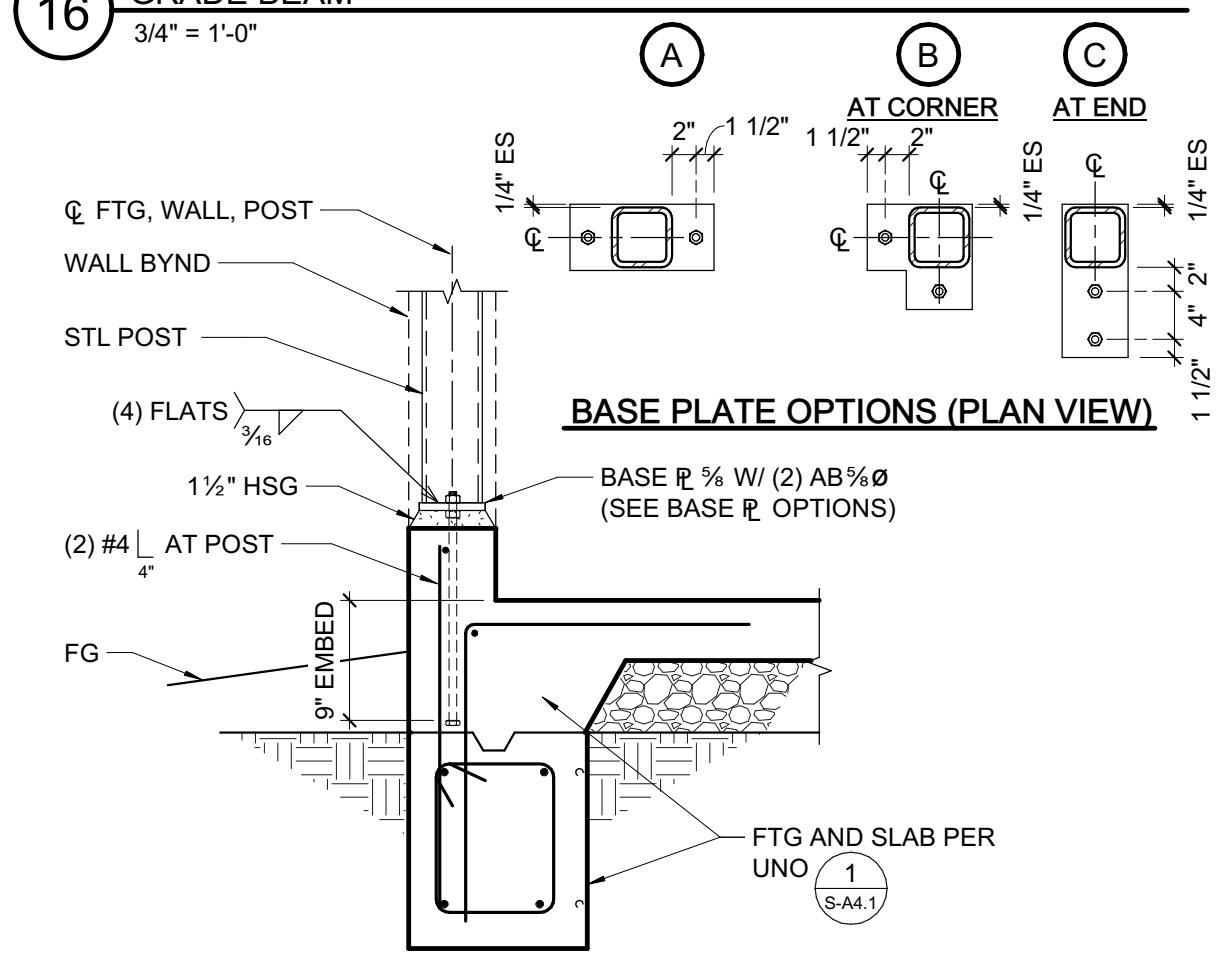
18 EXTERIOR FOOTING ADJACENT TO BIORETENTION CURB  
3/4" = 1'-0"



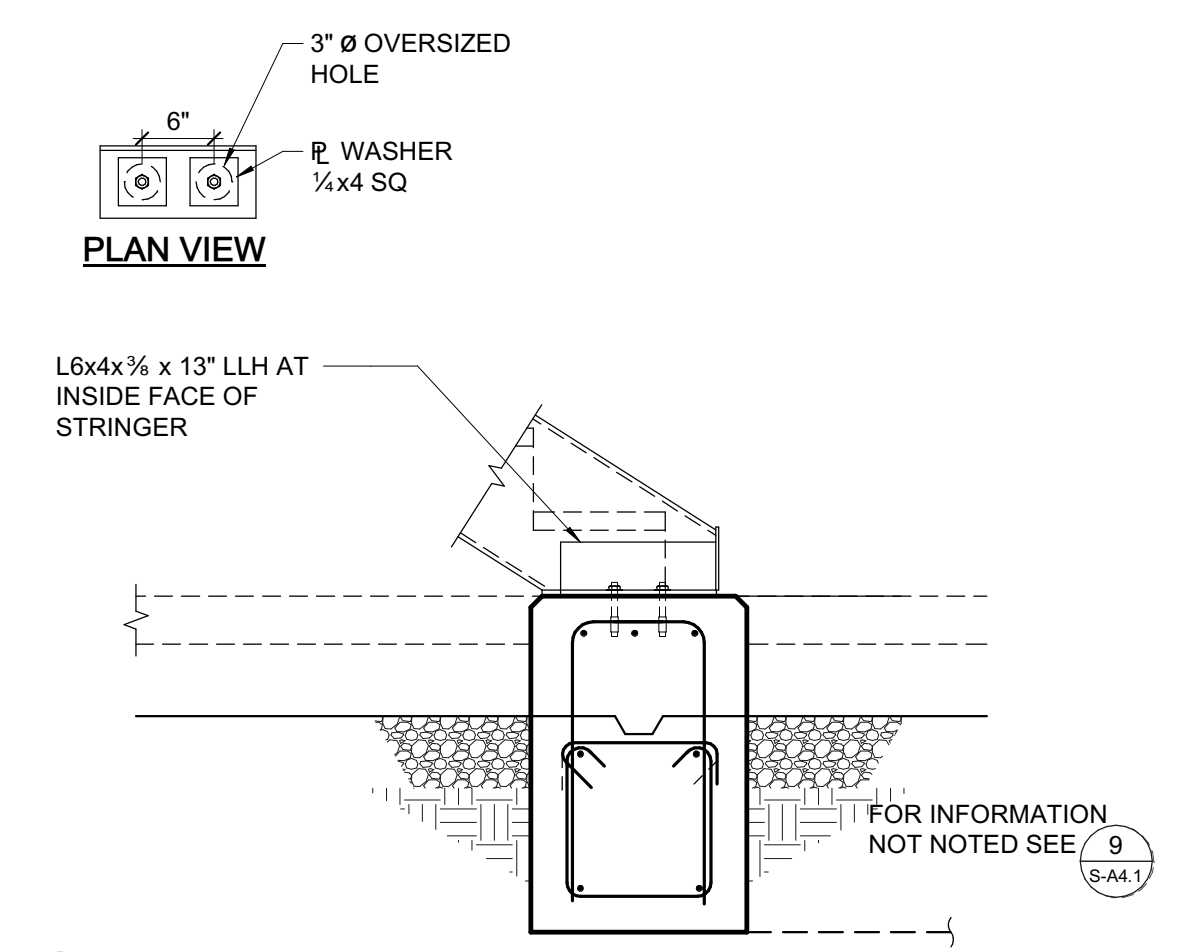
15 ELEVATOR PIT  
3/4" = 1'-0"



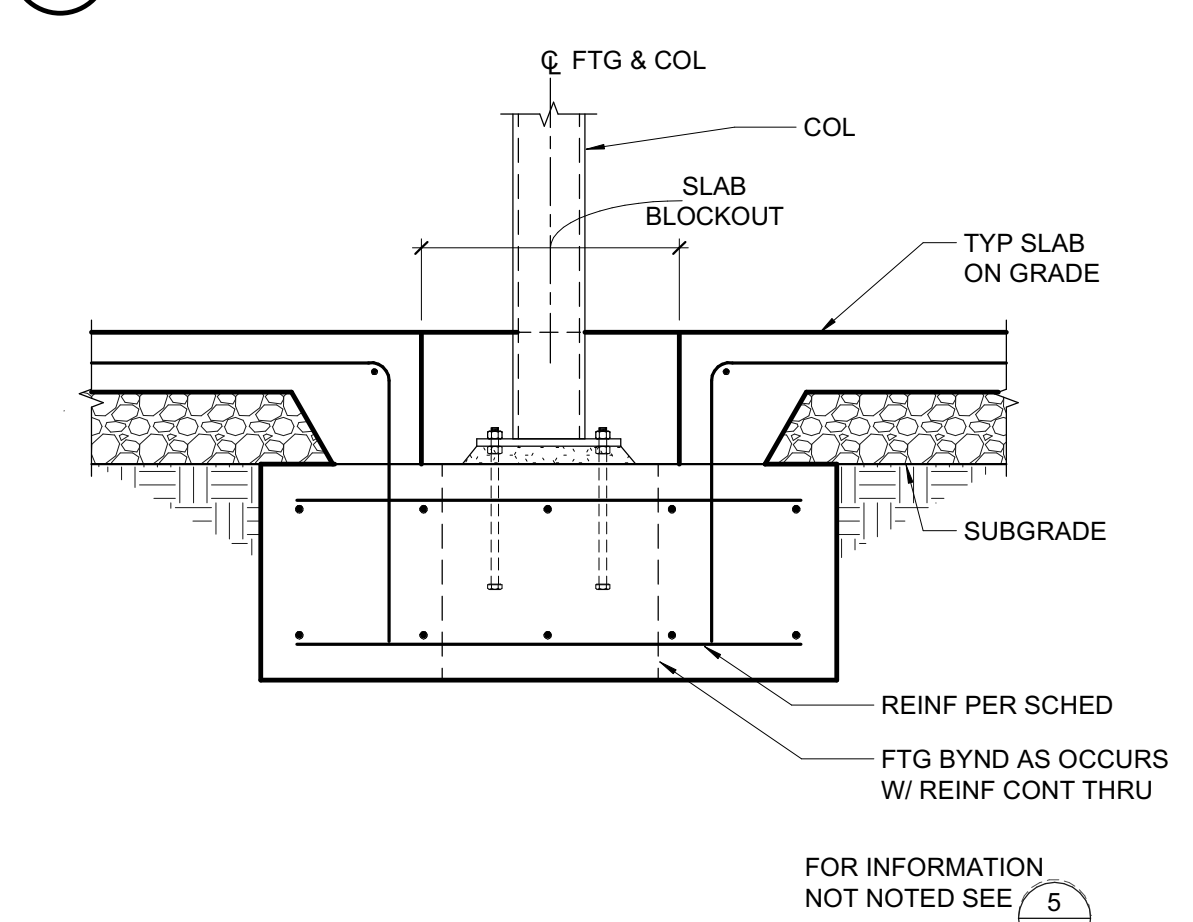
16 GRADE BEAM  
3/4" = 1'-0"



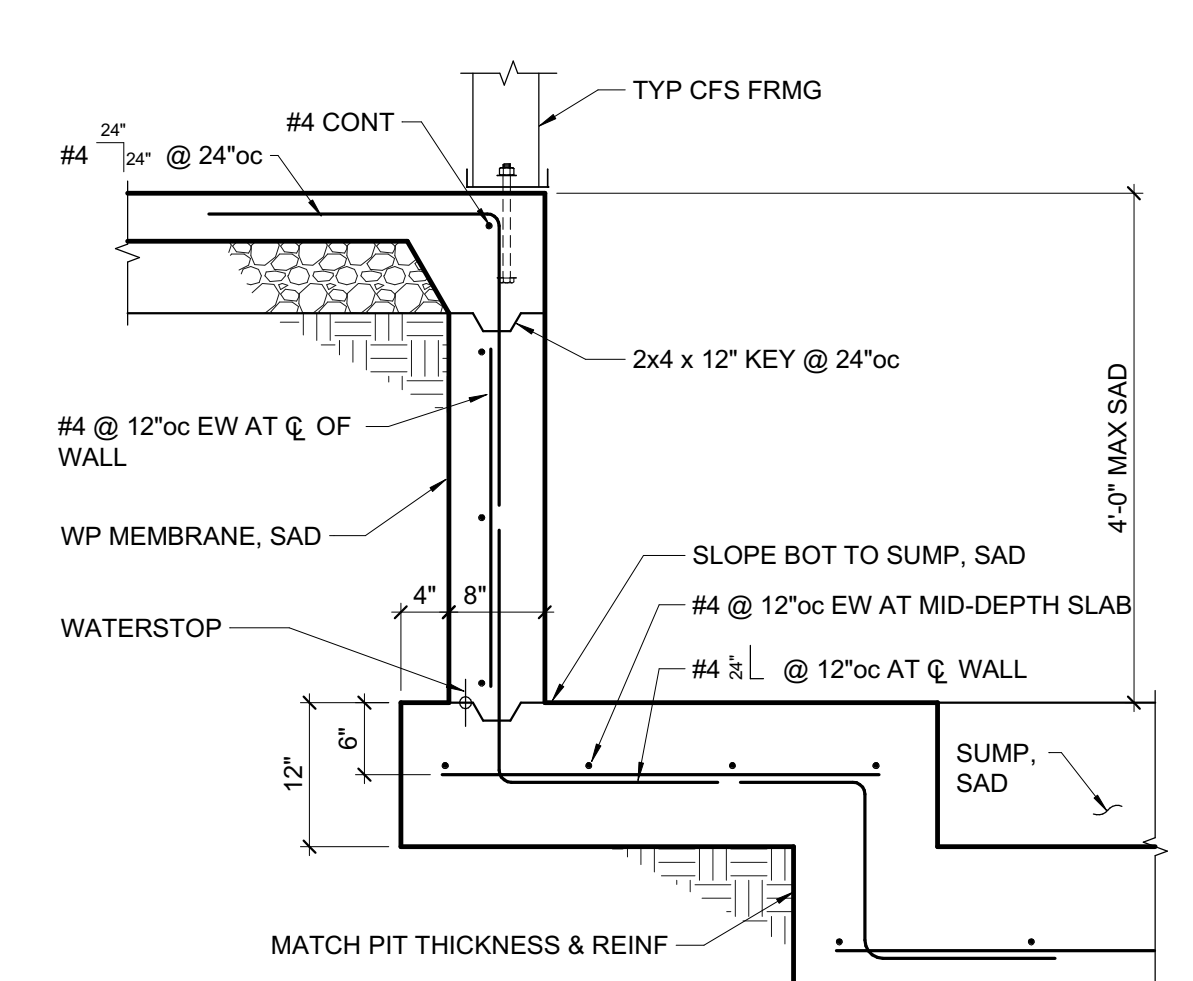
17 HSS COLUMN AT CURB  
3/4" = 1'-0"



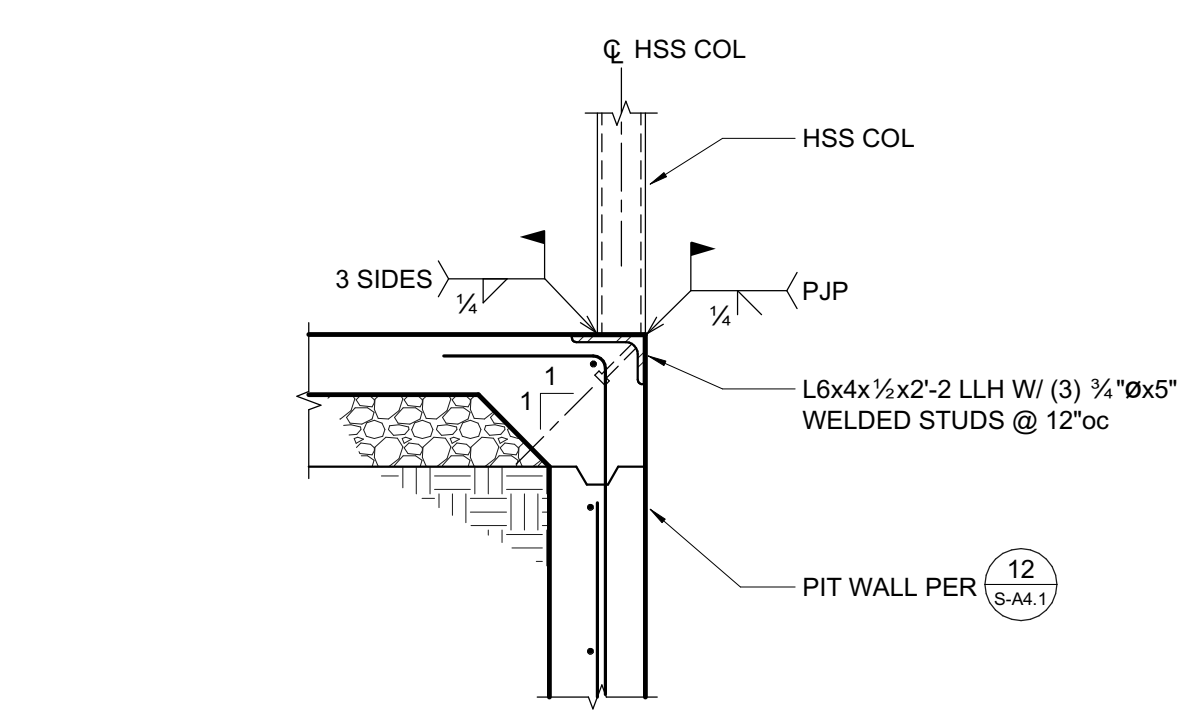
10 STRINGER WITH OVERSIZED HOLE CONNECTION  
3/4" = 1'-0"



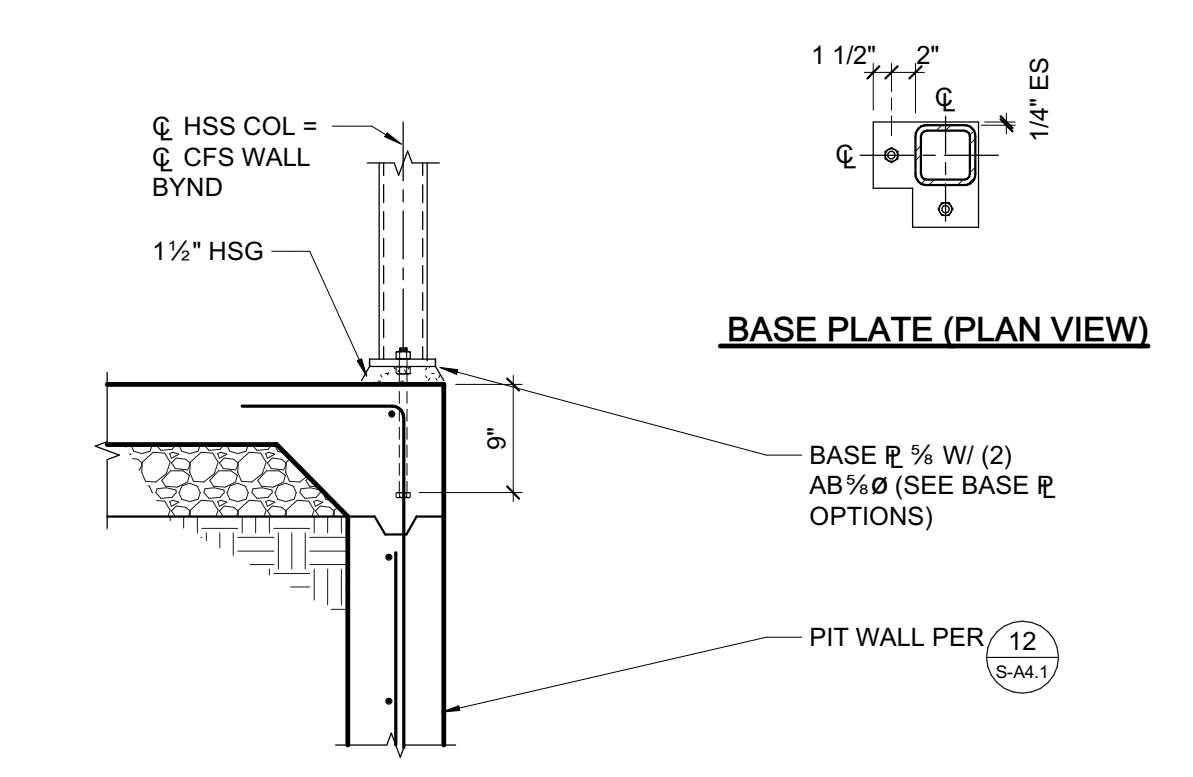
11 HSS COLUMN AT INTERIOR OF SLAB  
3/4" = 1'-0"



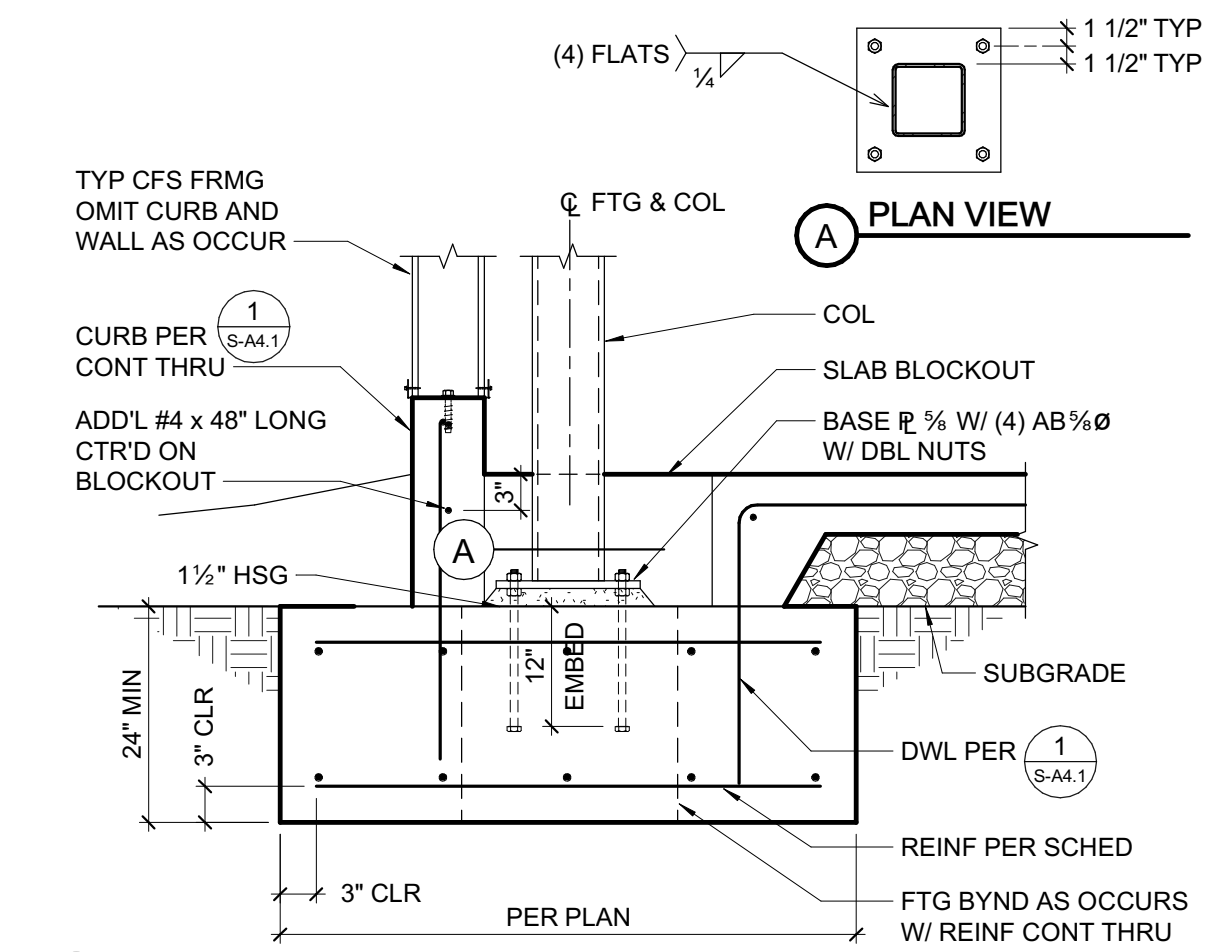
12 ELEVATOR PIT  
3/4" = 1'-0"



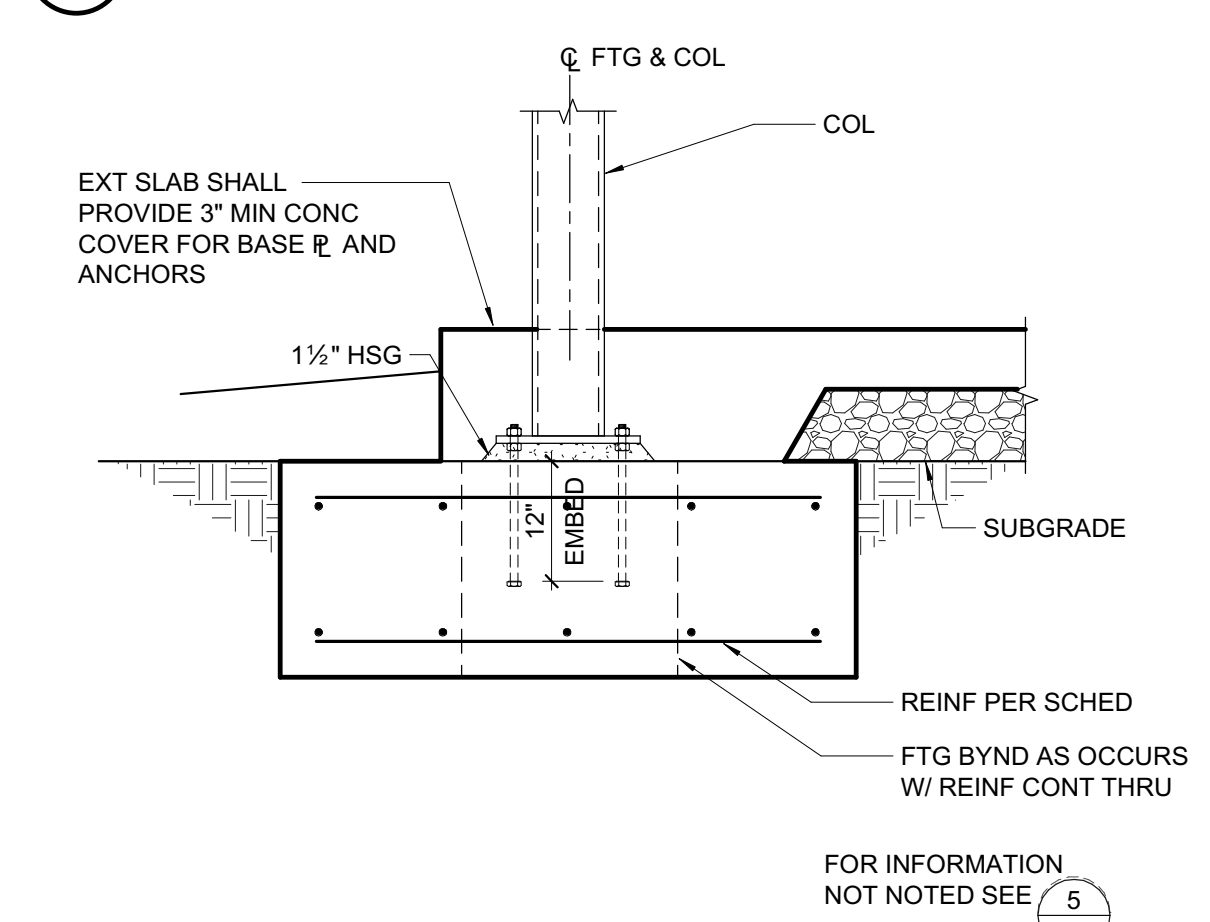
13 ELEVATOR RAIL SUPPORT AT PIT  
3/4" = 1'-0"



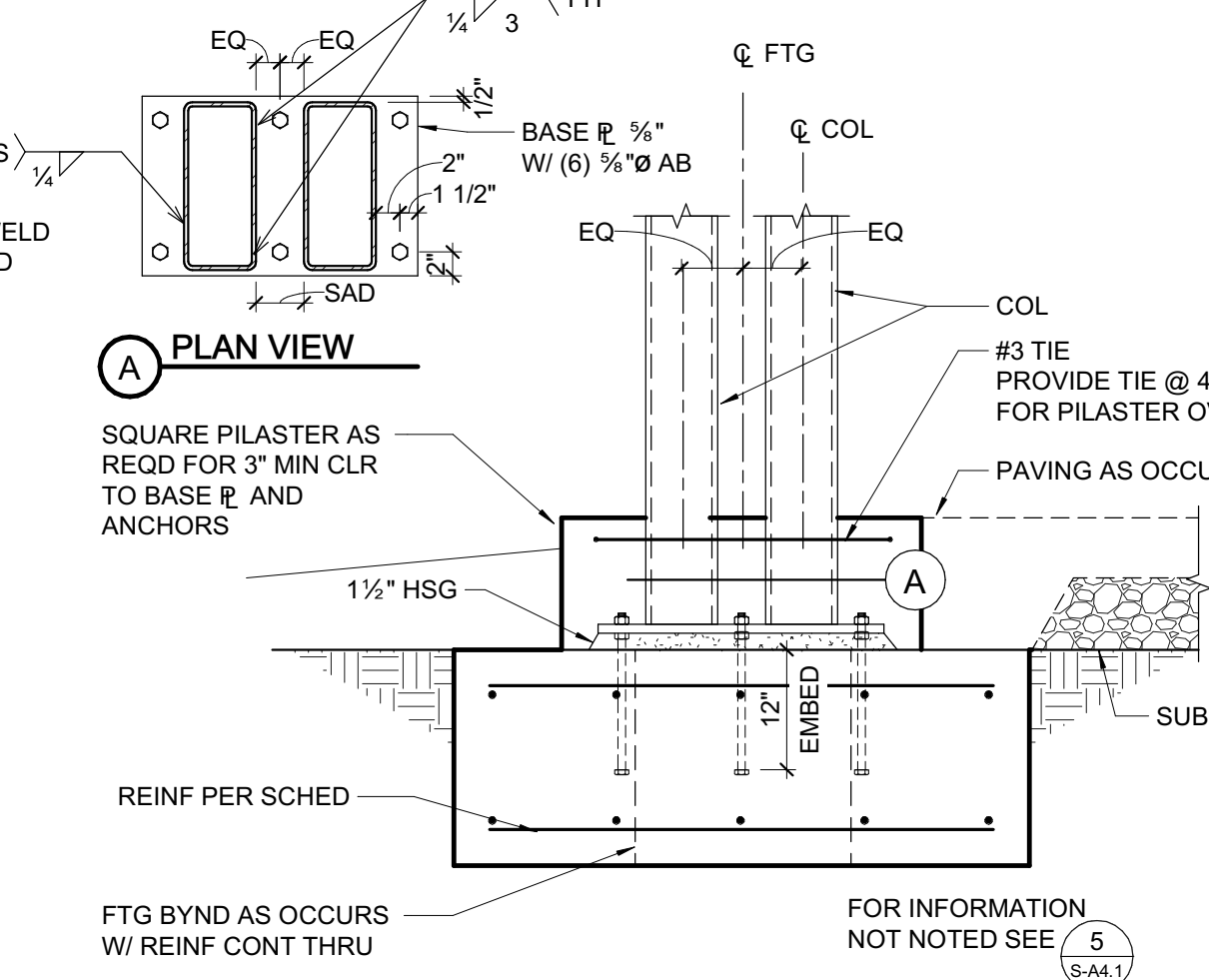
14 HSS COLUMN AT ELEVATOR PIT WALL  
3/4" = 1'-0"



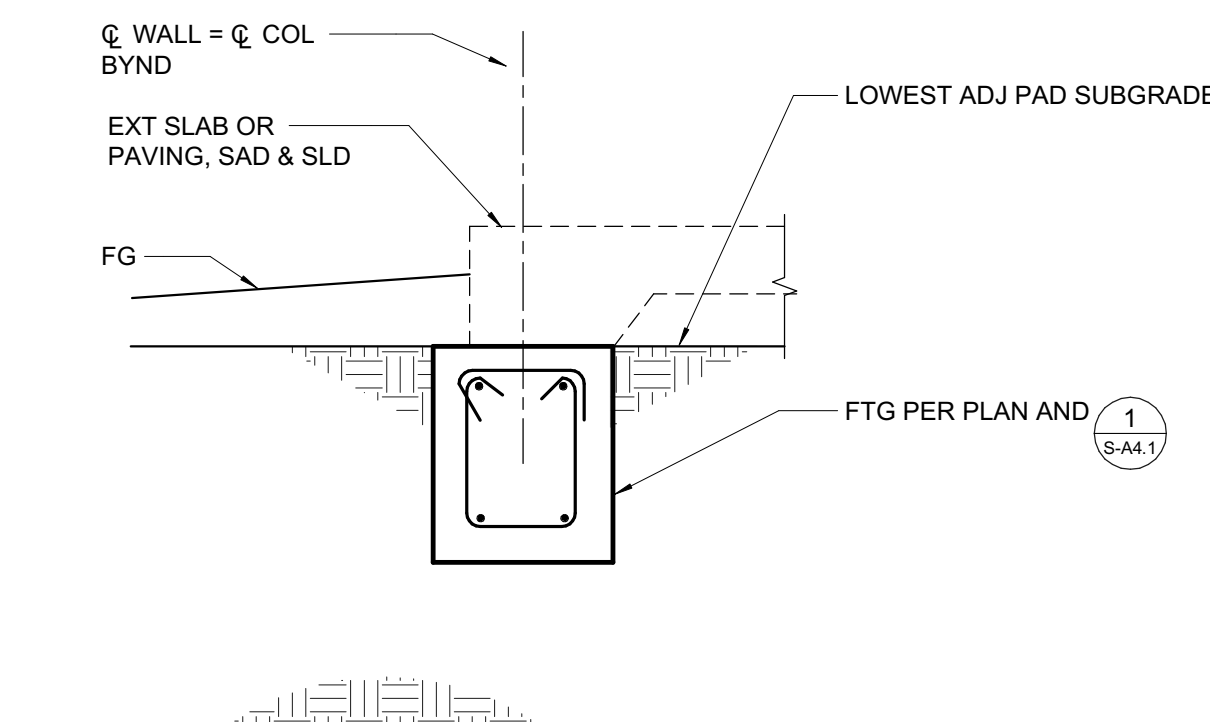
5 HSS COLUMN PAD FOOTING  
3/4" = 1'-0"



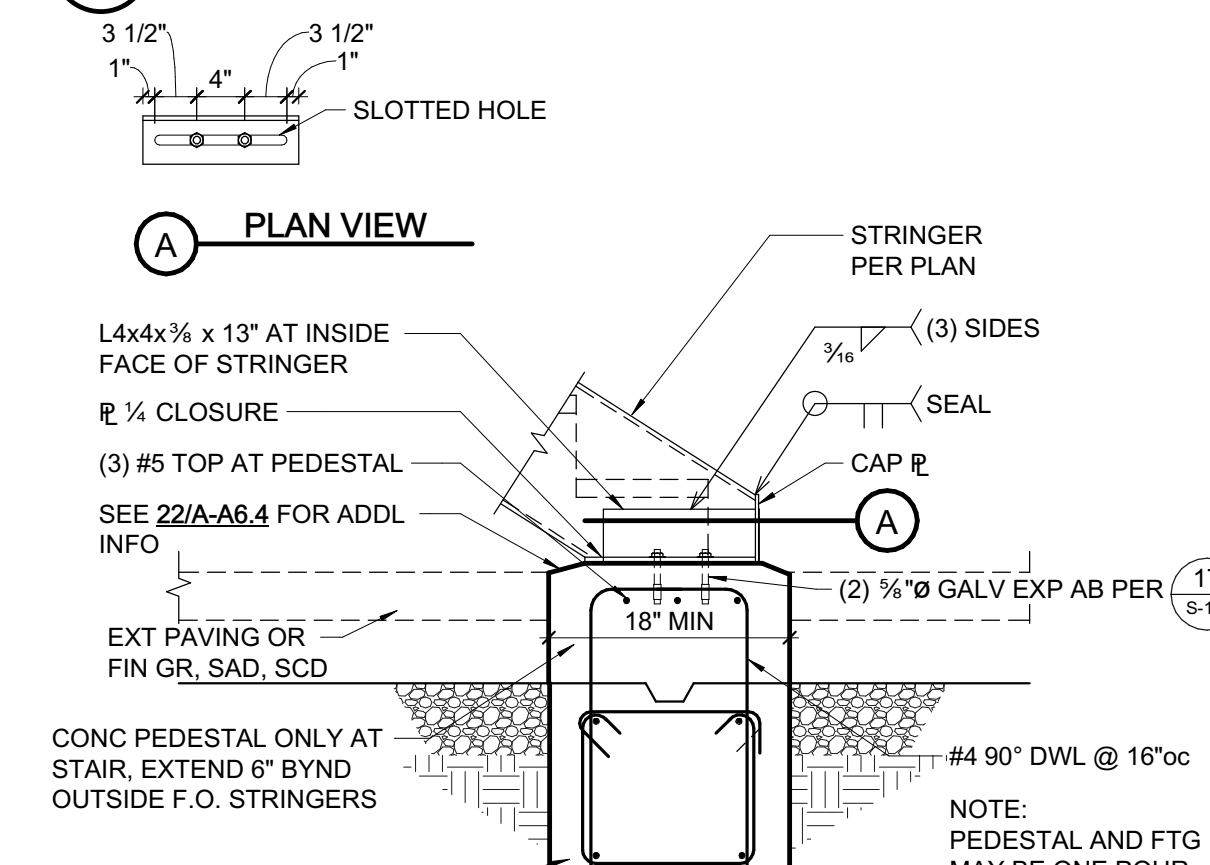
6 HSS COLUMN AT EXTERIOR WALKWAY  
3/4" = 1'-0"



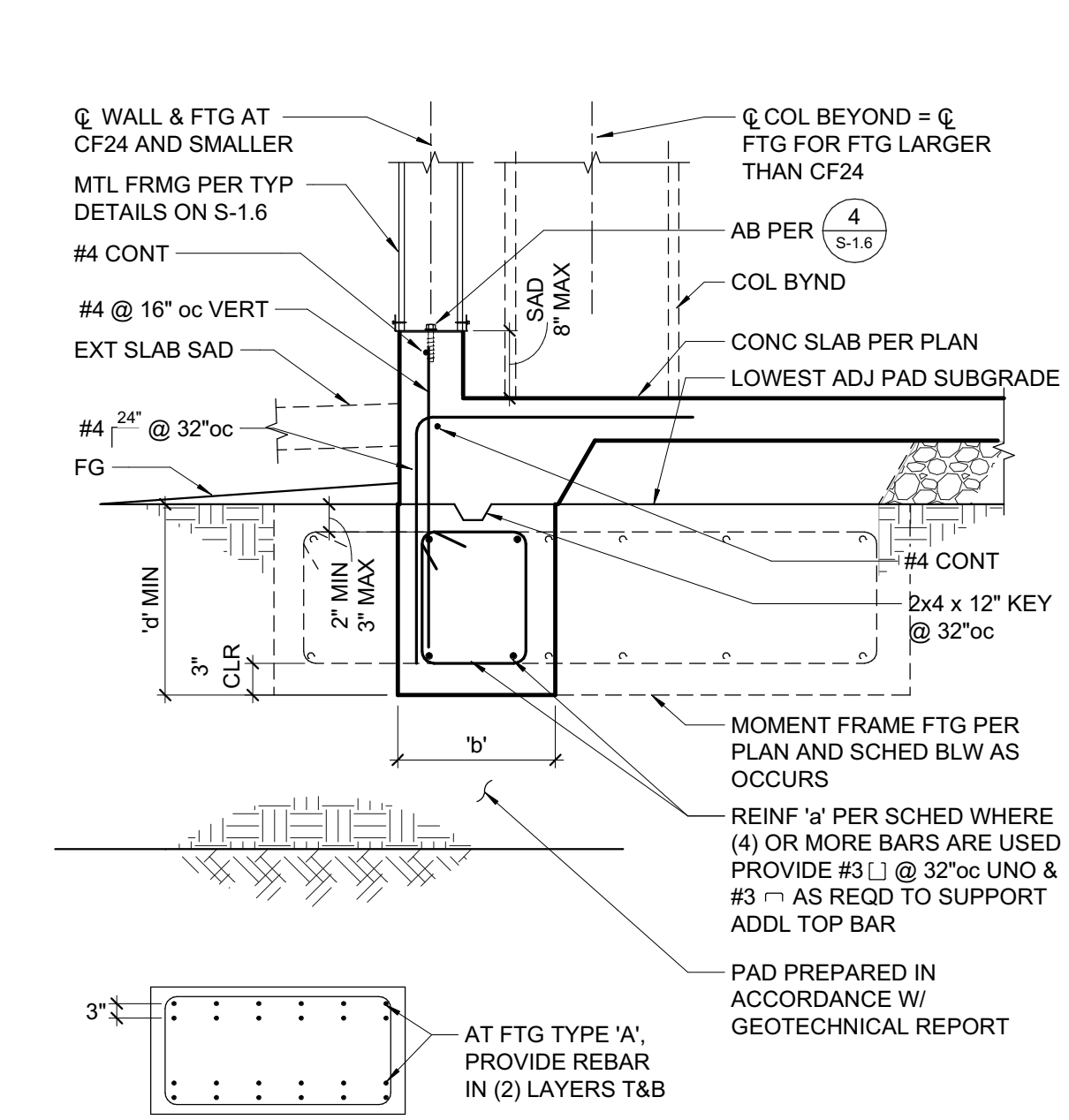
7 DOUBLE HSS COLUMN BASE PLATE  
3/4" = 1'-0"



8 TYPICAL EXTERIOR FOOTING  
3/4" = 1'-0"

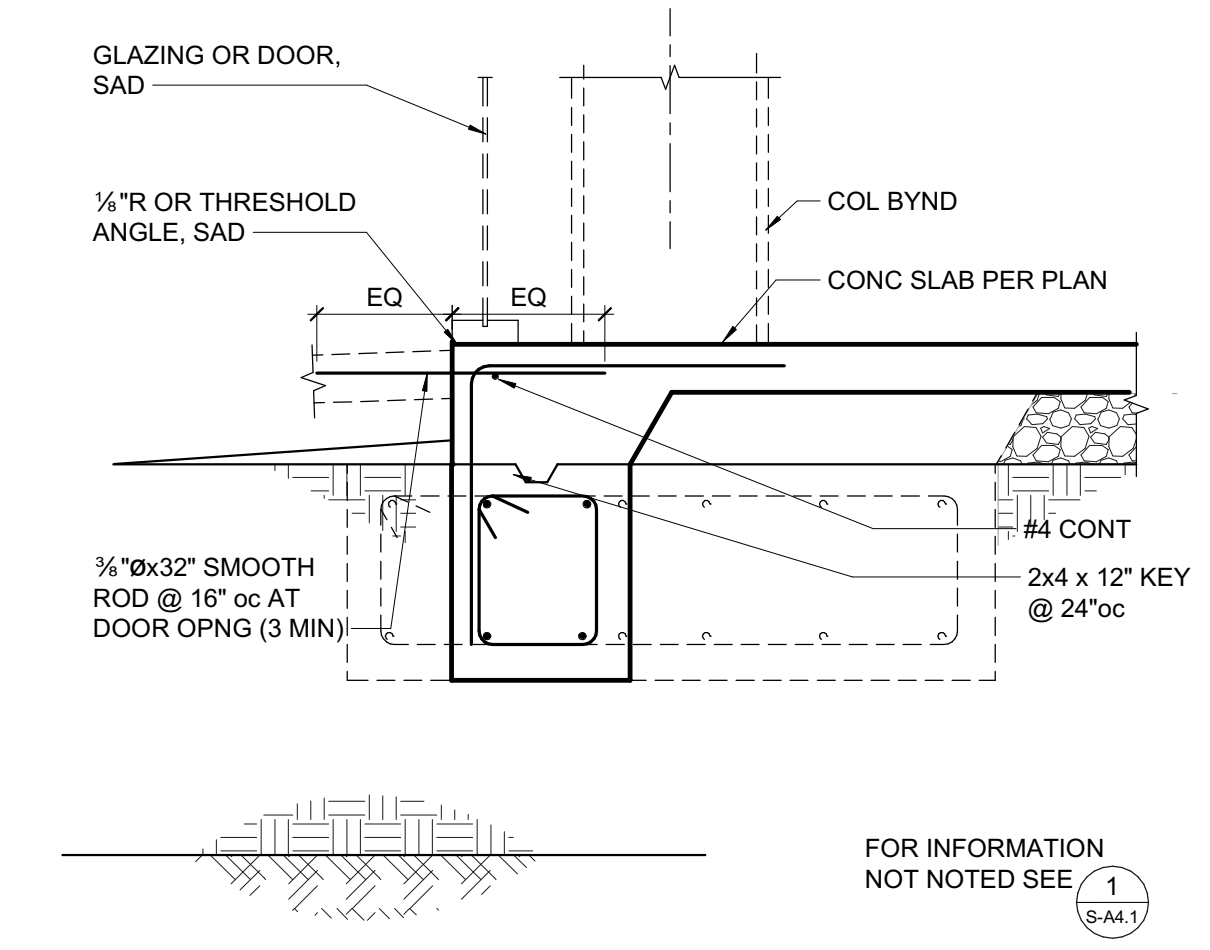


9 BOTTOM OF STRINGER AT EXTERIOR FOOTING  
3/4" = 1'-0"

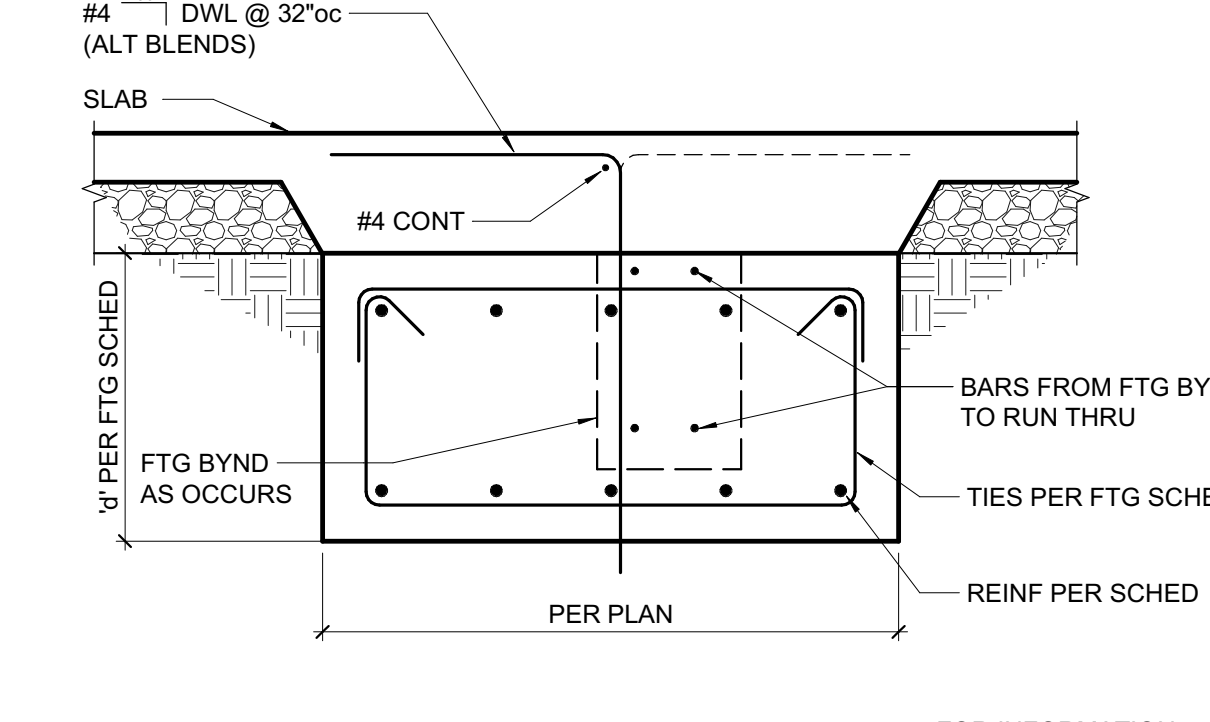


1 TYPICAL EXTERIOR FOOTING  
3/4" = 1'-0"

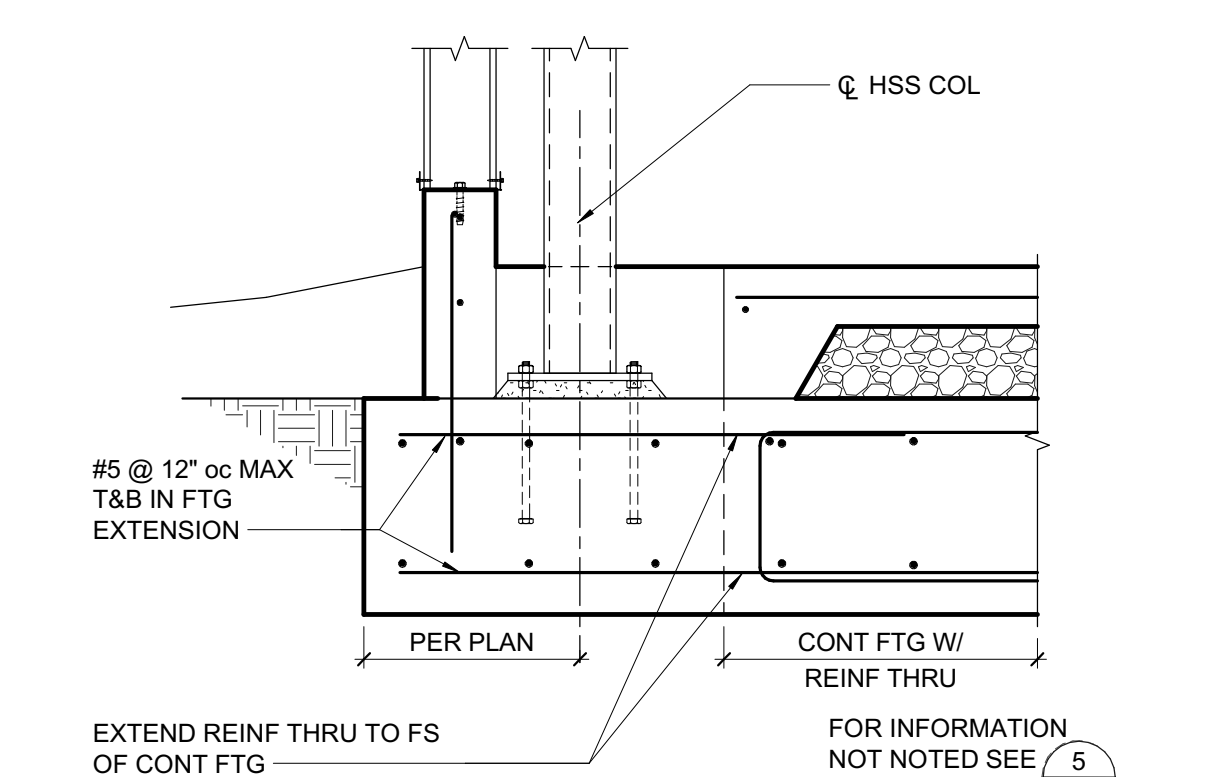
CONTINUOUS FOOTING SCHEDULE				
MARK	'b'	'd'	REINF 'a'	NOTES
CF18	18"	24"	(4) #5 T&B	PROVIDE #3 TIES @ 10"oc
CF30	30"	24"	(4) #6 T&B	PROVIDE #3 TIES @ 10"oc
CF60	60"	36"	(9) #8 T&B	PROVIDE #3 TIES @ 10"oc
CF60A	60"	36"	(14) #8 T&B	PROVIDE #3 TIES @ 16"oc
CF84	84"	36"	(14) #8 T&B	PROVIDE #3 TIES @ 16"oc



2 EXTERIOR FOOTING AT DOOR OR GLAZING  
3/4" = 1'-0"



3 GRADE BEAM  
3/4" = 1'-0"



4 HSS COLUMN  
3/4" = 1'-0"

**QUATTROCCHI KWOK ARCHITECTS**  
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Santa Rosa, CA 95404 707.528.0992  
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**LIBERTY HIGH SCHOOL**

**NEW CLASSROOM BUILDING**

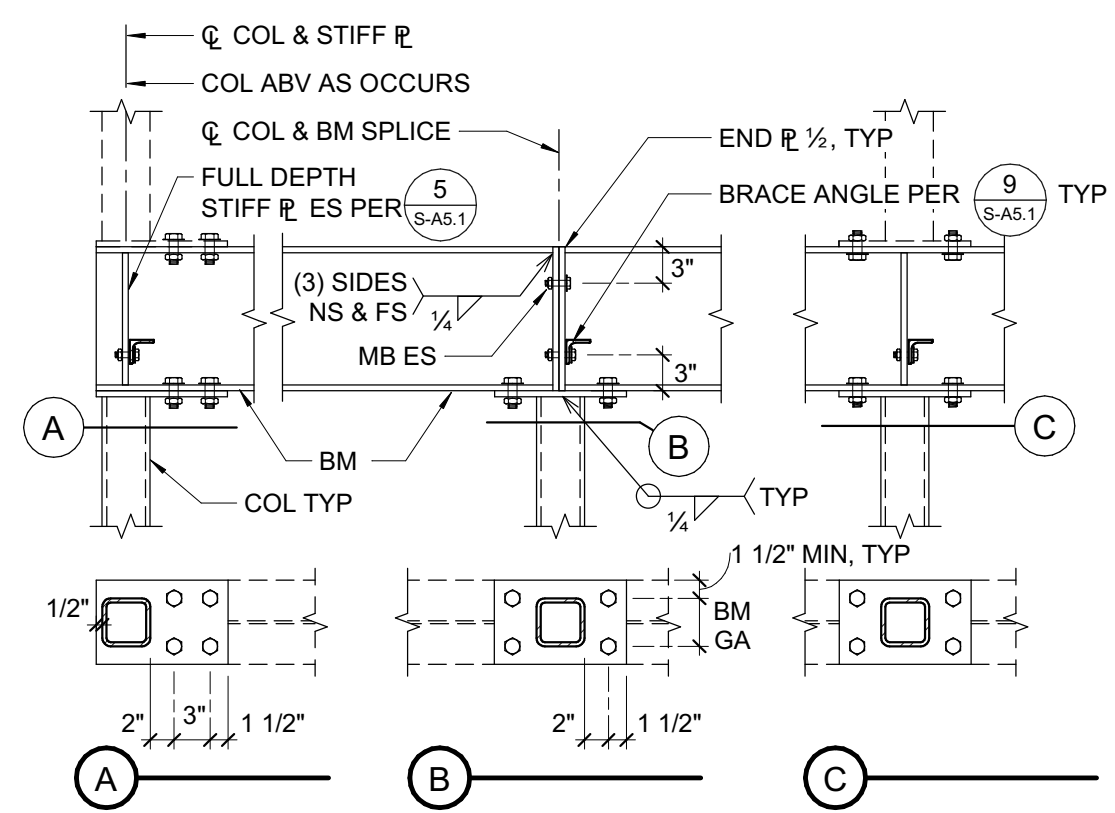
850 2nd STREET  
BRENTWOOD, CA  
94513

LIBERTY UNION HIGH SCHOOL DISTRICT

REVISIONS	
1	8/17/2022 Bid Clarification

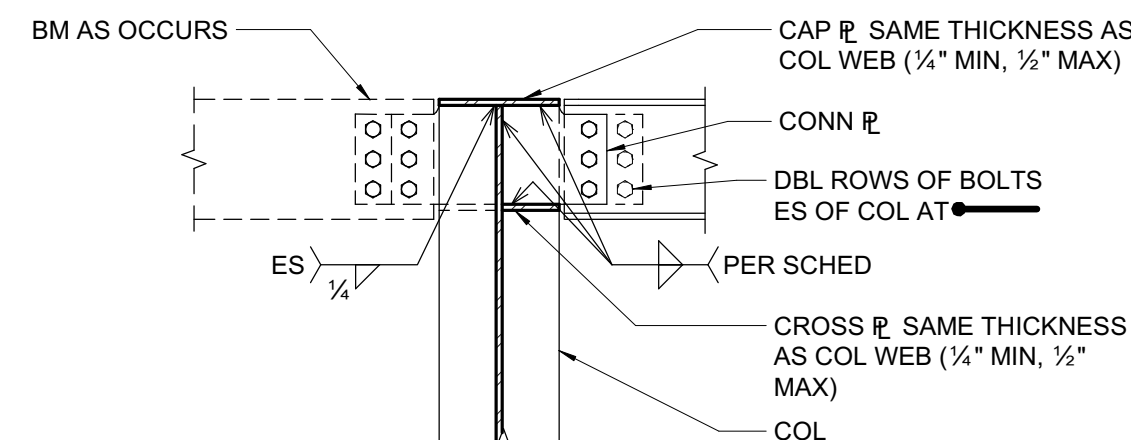
DSA APP NO. 01-119994  
ARCH PROJECT NO: 1925.00  
DRAWN BY:  
DRAWING SCALE:  
PTN: 61721-83 FILE NO: 7-H4  
CONSTRUCTION DOCUMENTS  
JUNE 24, 2022  
SHEET TITLE  
BID CLARIFICATION 03  
**FOUNDATION DETAILS**  
SHEET NUMBER

**S-A4.1**



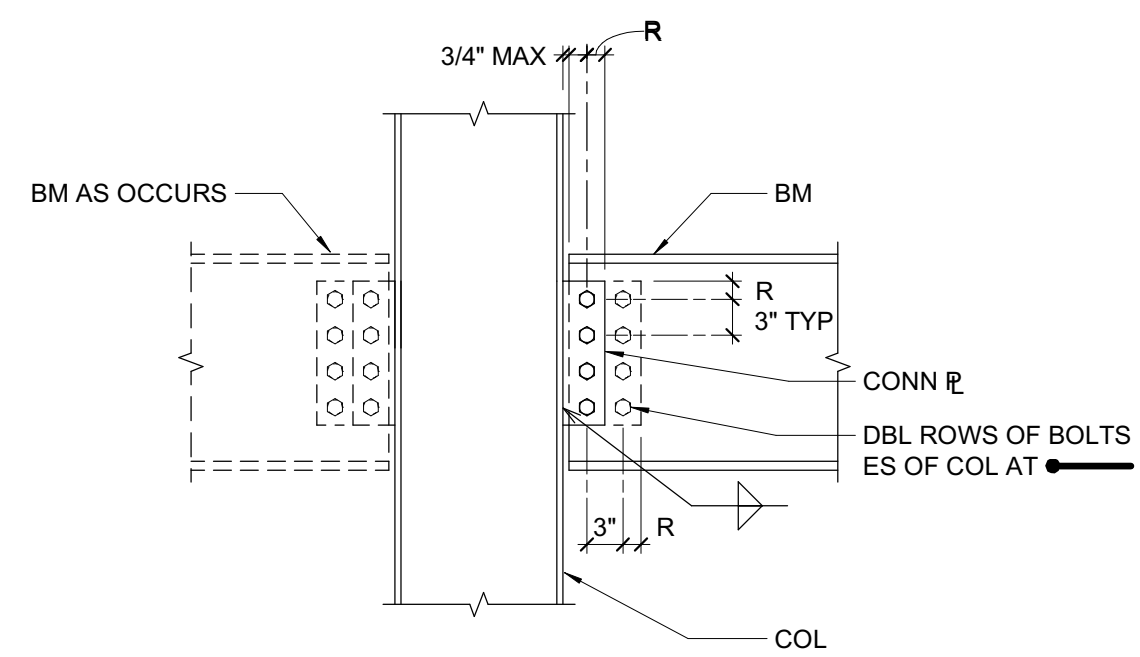
- NOTES:**  
 1. ALL COLUMN CAP PLATES SHALL BE THE SAME WIDTH AS BEAM FLANGE (OR COLUMN DIMENSION + 1/2", WHICHEVER IS GREATER), THICKNESS SAME AS BEAM FLANGE, 1/2" MINIMUM.  
 2. ALL FASTENERS TO BE MB 3/8"

**18 COLUMN ABOVE AND BELOW**  
3/4" = 1'-0"



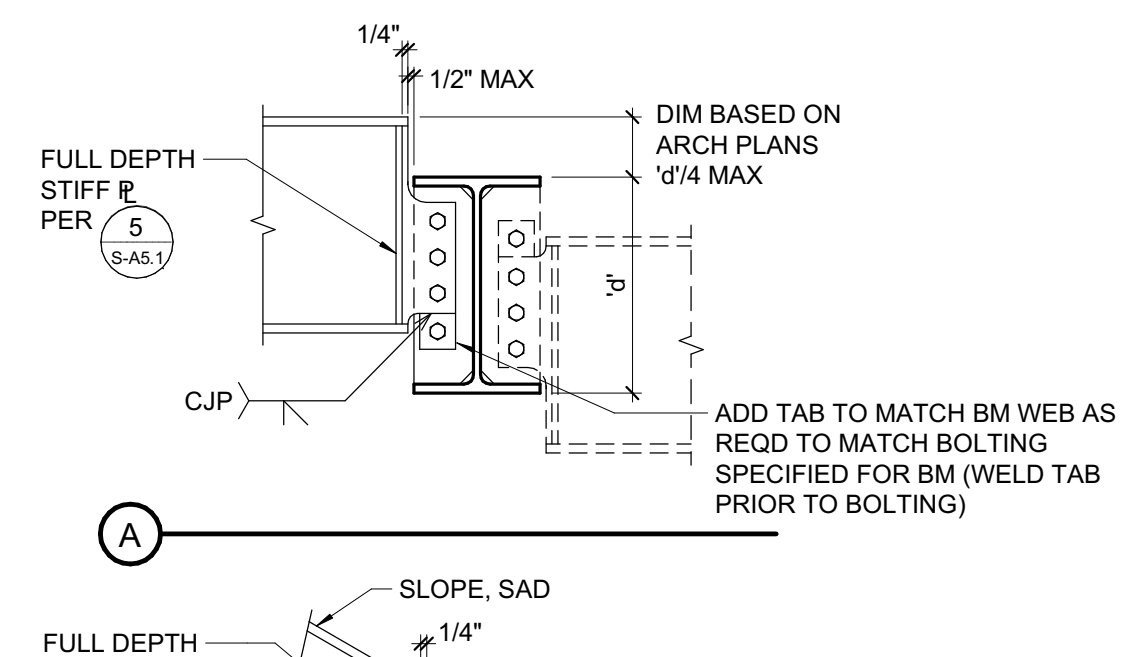
- NOTES:**  
 SEE (11) FOR DIMENSIONS, ETC  
 & (1) FOR CONN R, BOLTS & WELDS

**14 BEAM TO COLUMN CONNECTION**  
3/4" = 1'-0"



- NOTES:**  
 SEE (1) FOR CONN R, BOLTS, R DIMENSION, & WELD

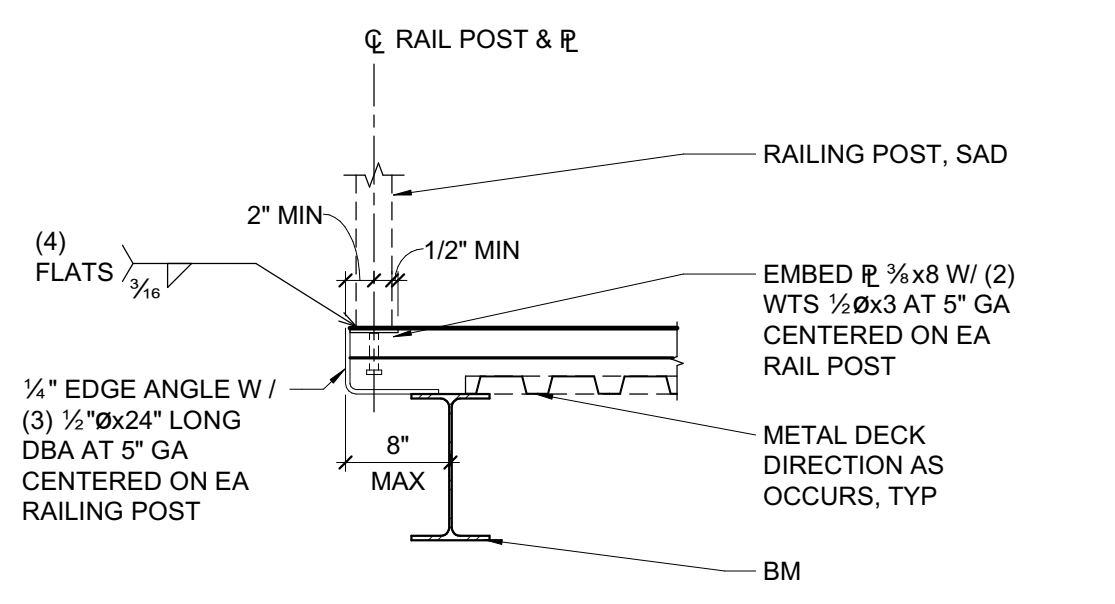
**10 BEAM TO COLUMN FLANGE CONNECTION**  
3/4" = 1'-0"



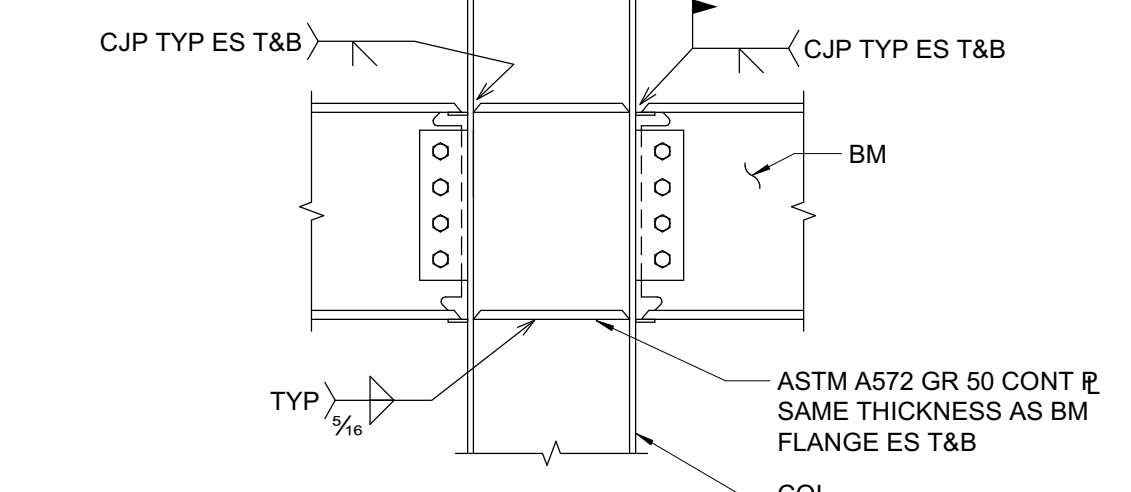
- NOTES:**  
 FOR INFORMATION NOT NOTED SEE (3)

**6 TYPICAL BEAM TO BEAM CONNECTIONS**  
3/4" = 1'-0"

**1 3/4\"/>**

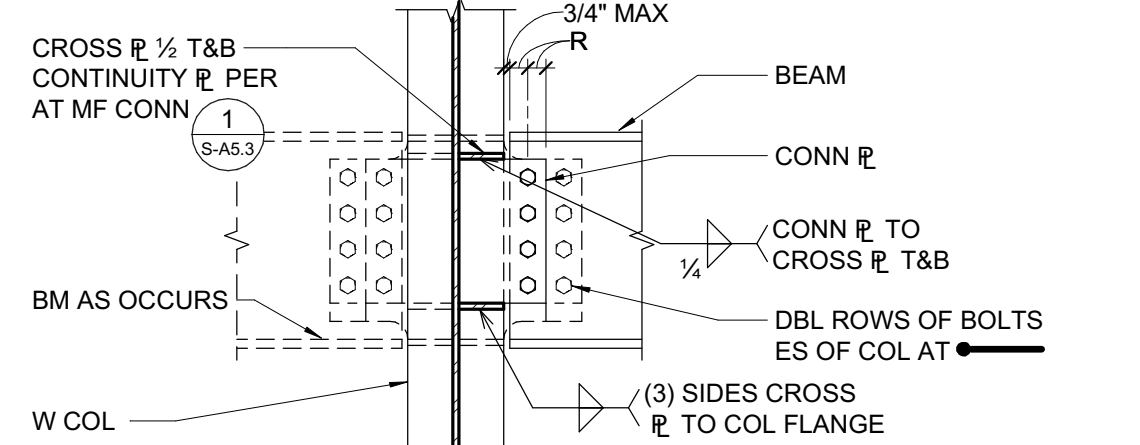


**19 RAILING POST CONNECTION**  
3/4" = 1'-0"



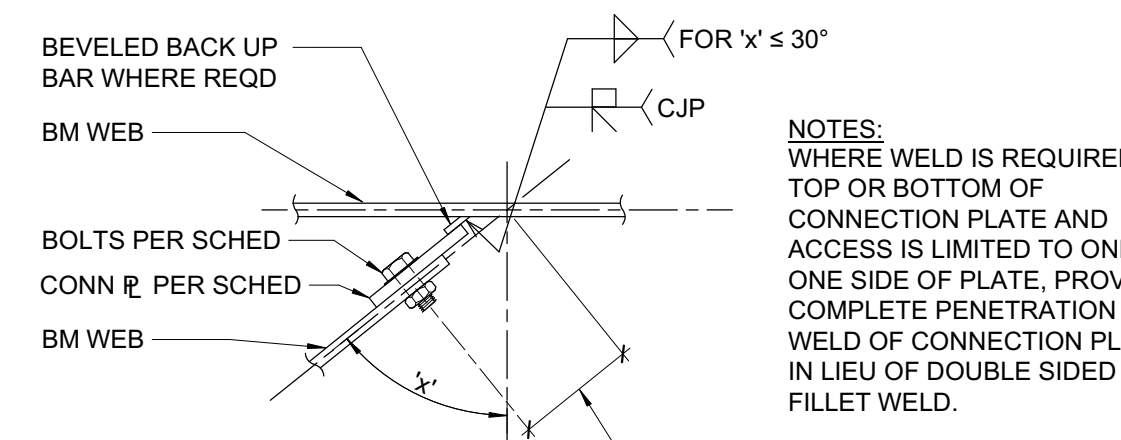
- NOTES:**  
 1. CANTILEVER BEAM SIZE TO MATCH ADJACENT BACK SPAN BEAM SIZE, UNO.  
 2. SHORE CANTILEVER AS REQUIRED.  
 3. REMOVE BACKER BARS WHERE EXPOSED TO VIEW.

**15 NON-FRAME MOMENT CONNECTION**  
3/4" = 1'-0"

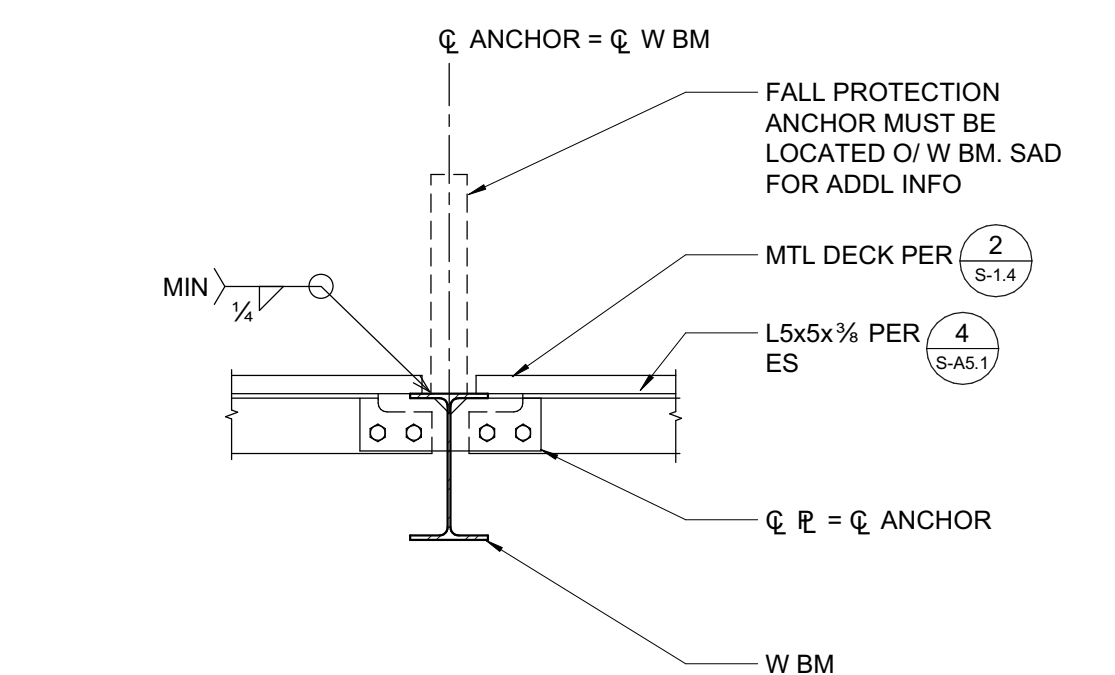


- NOTES:**  
 WHERE CONTINUITY PLATES CONFLICT W/ THIS DETAIL, USE THICKER PLATE & DEEPEN CONNECTION R AS SHOWN DASHED

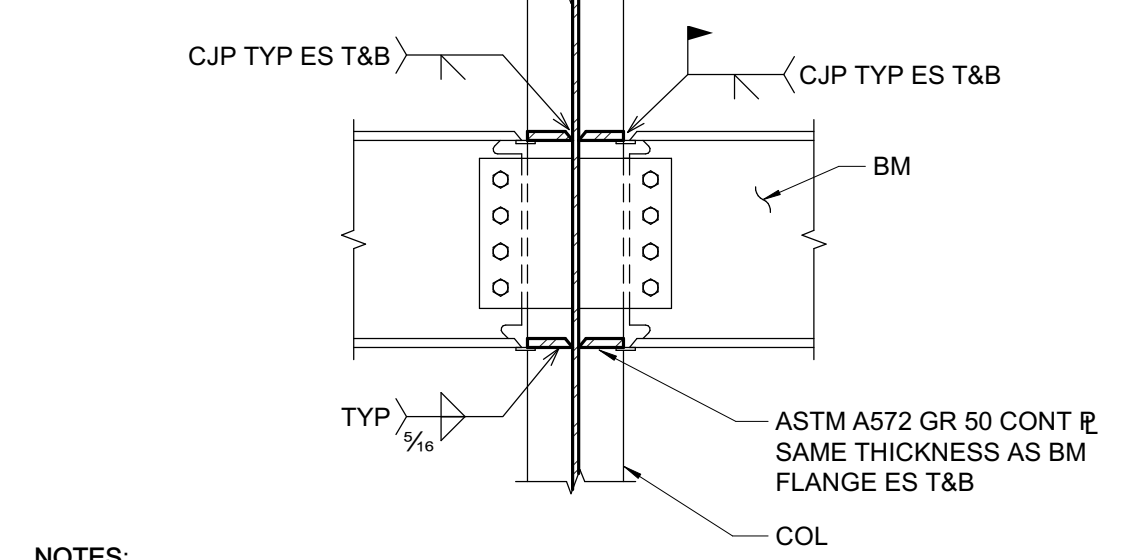
**11 BEAM TO COLUMN WEB**  
3/4" = 1'-0"



**7 SKEWED BEAM CONNECTION - AT WEB**  
1 1/2" = 1'-0"

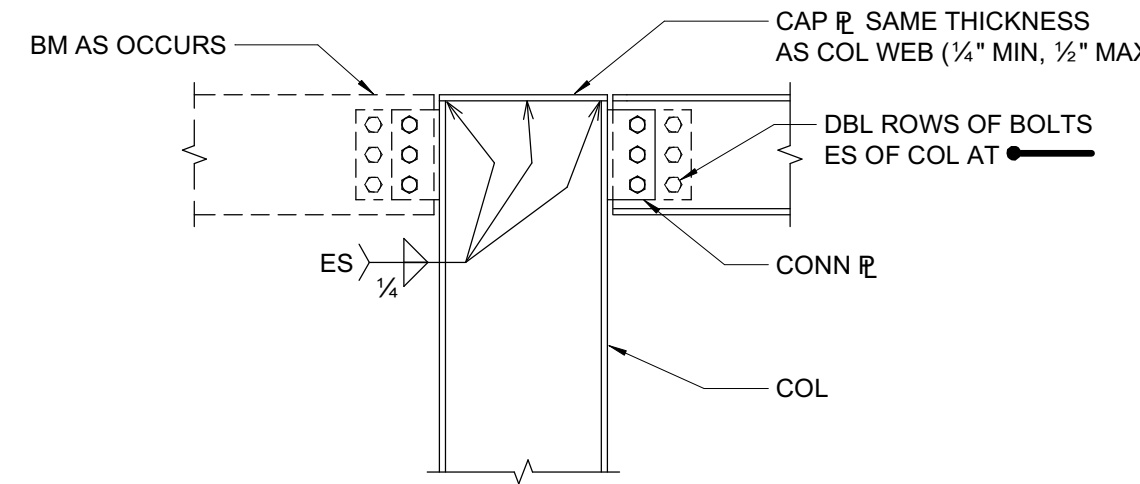


**20 FALL PROTECTION ANCHOR CONNECTION**  
3/4" = 1'-0"



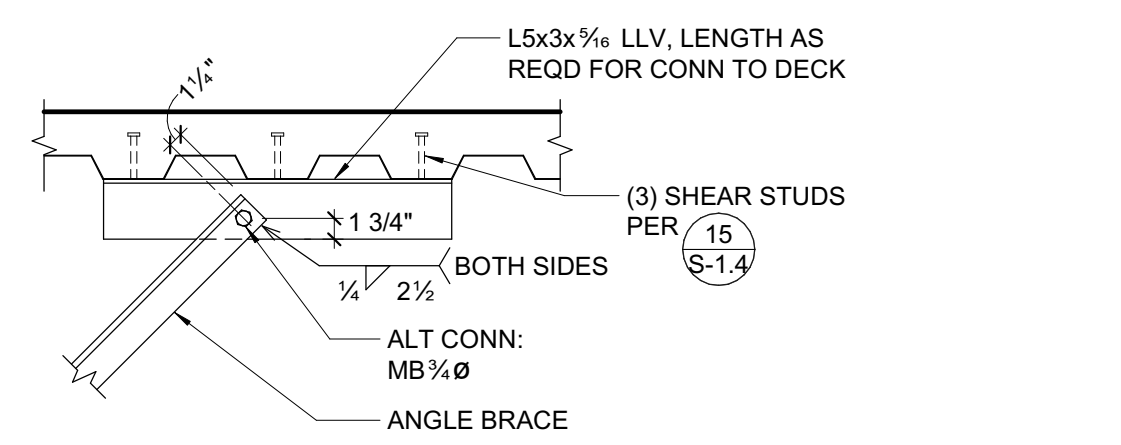
- NOTES:**  
 1. CANTILEVER BM SIZE TO MATCH ADJ BACK SPAN BM SIZE, UNO.  
 2. SHORE CANTILEVER AS REQUIRED.  
 3. REMOVE BACKER BARS WHERE EXPOSED TO VIEW.

**16 NON-FRAME MOMENT CONNECTION**  
3/4" = 1'-0"



- NOTES:**  
 SEE (10) FOR DIMENSIONS, ETC & (1) FOR CONN R, BOLTS & WELDS

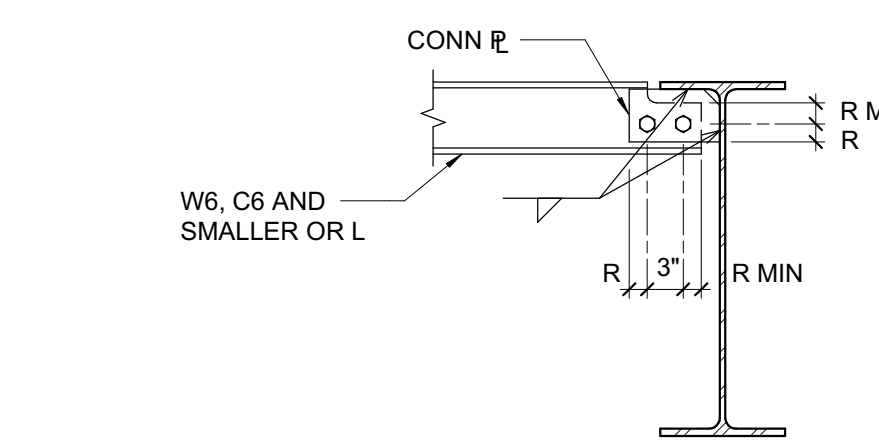
**12 BEAM TO COLUMN CONNECTION**  
3/4" = 1'-0"



**3 TYPICAL FULL DEPTH BEAM TO BEAM CONNECTION**  
3/4" = 1'-0"

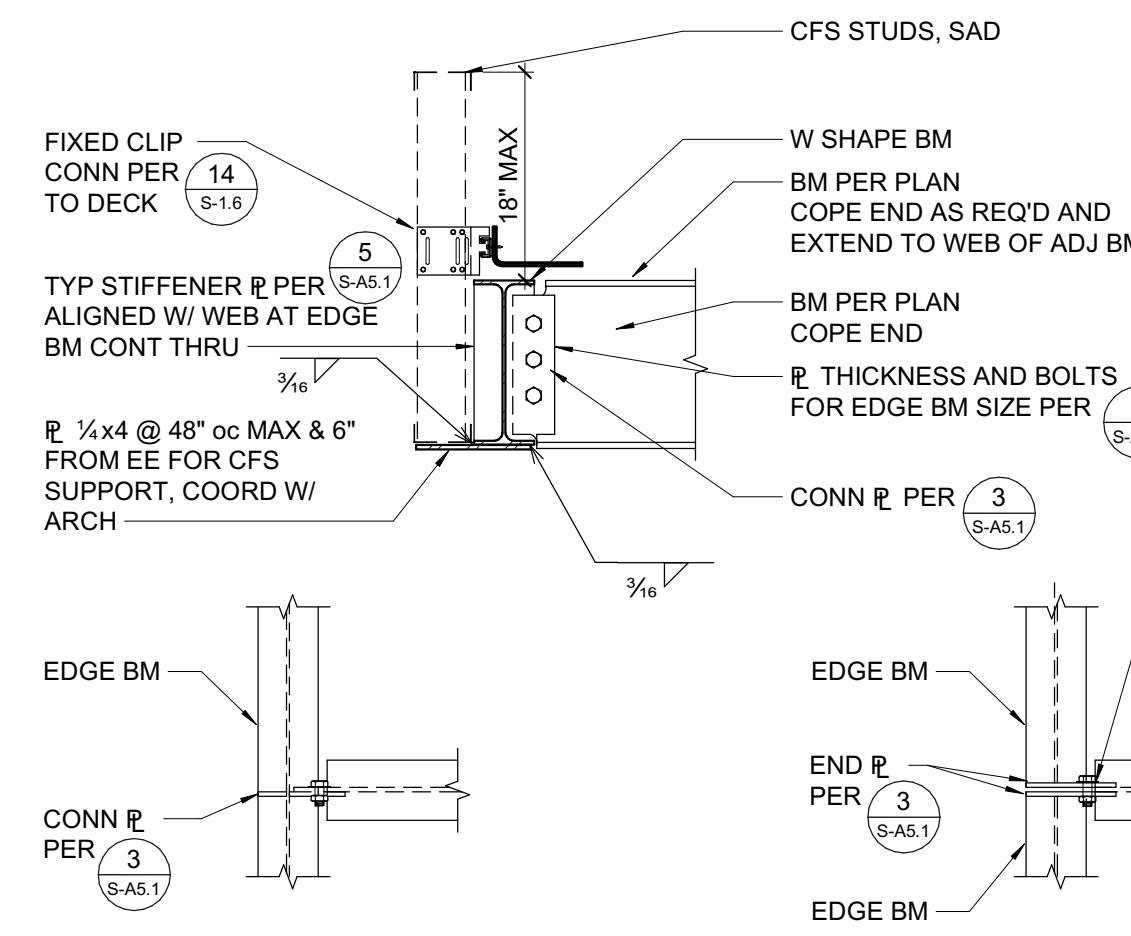
- NOTES:**  
 SEE (1) FOR CONN R, R DIMENSION, BOLTS, & WELD

**3 TYPICAL FULL DEPTH BEAM TO BEAM CONNECTION**  
3/4" = 1'-0"



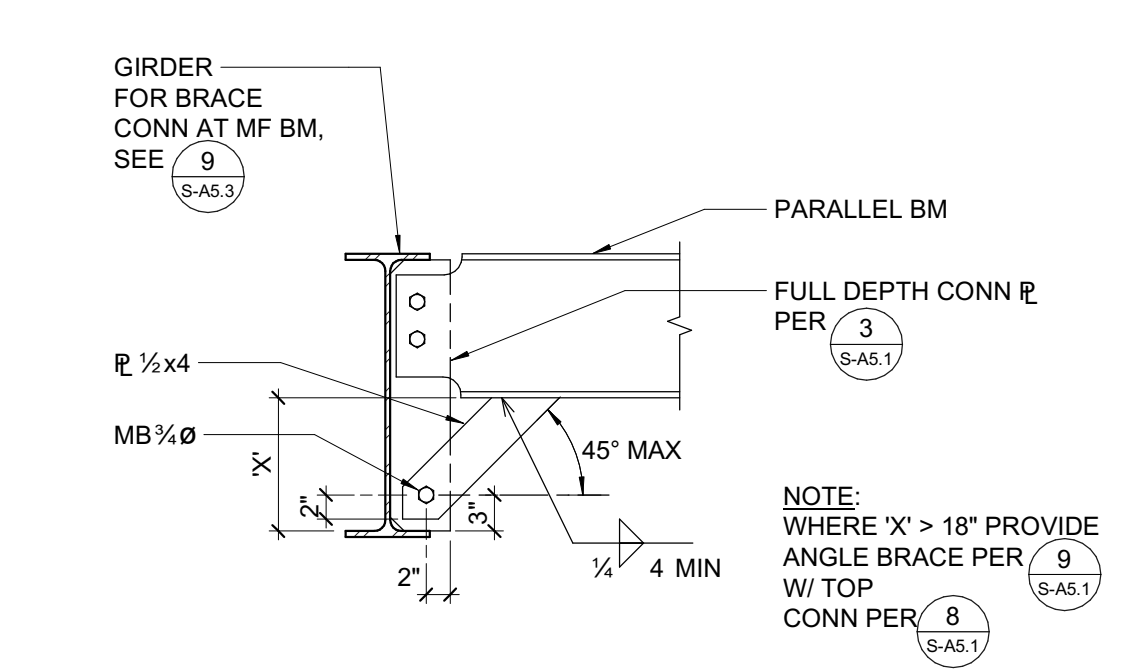
- NOTES:**  
 SEE (1) FOR CONN R, BOLTS, R DIMENSION, & WELD

**4 TYPICAL SHALLOW BEAM DETAIL**  
3/4" = 1'-0"

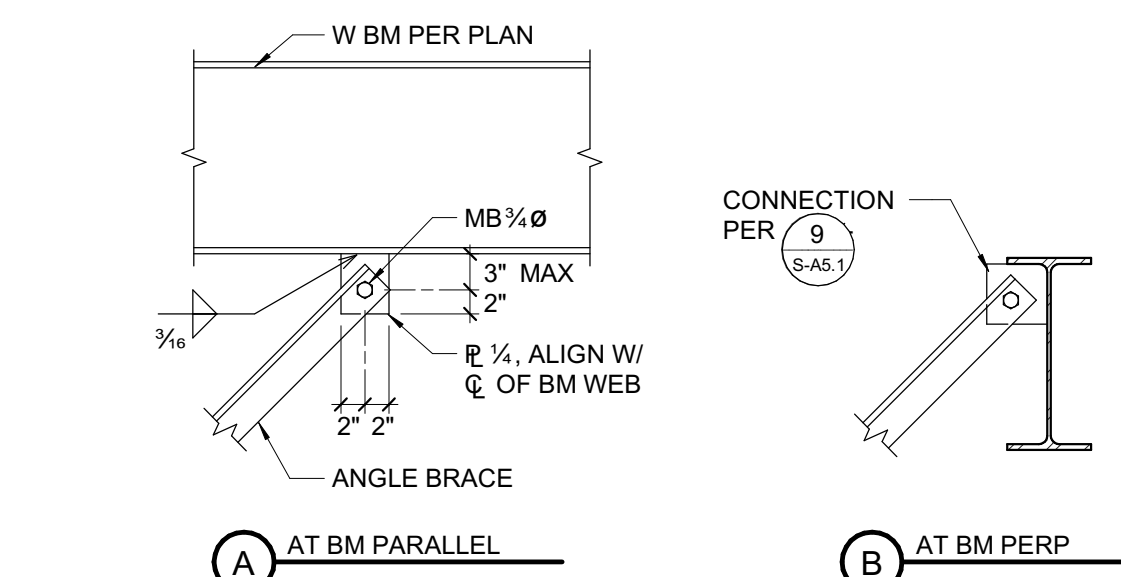


- NOTES:**  
 SEE (1) FOR CONN R, BOLTS, & WELD

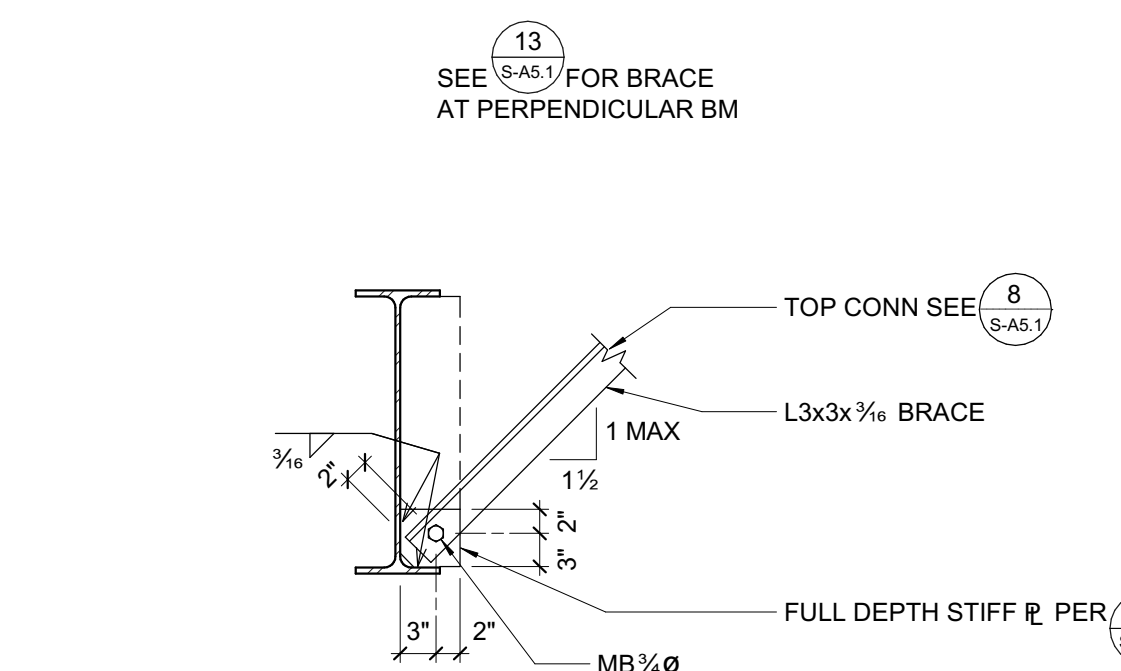
**17 RAIN CANOPY BEAM CONNECTION**  
3/4" = 1'-0"



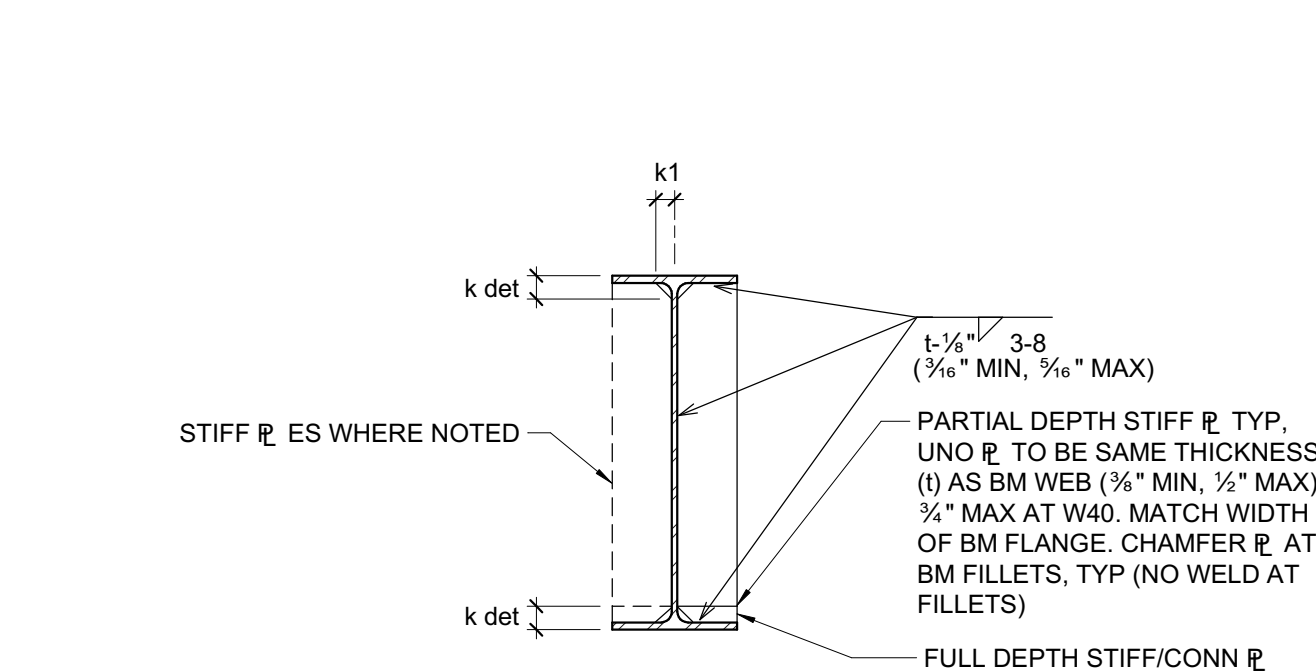
**13 TYPICAL BOTTOM FLANGE BRACE TO PERPENDICULAR BEAM**  
3/4" = 1'-0"



**8 TOP OF BRACE**  
3/4" = 1'-0"



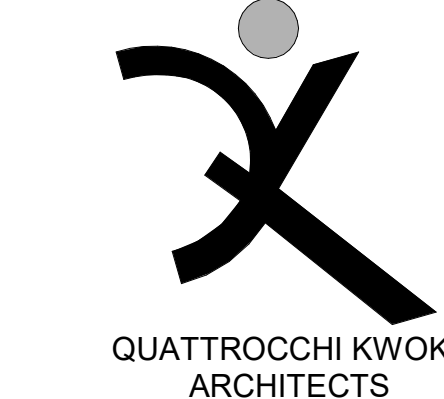
**9 TYPICAL BEAM BOTTOM FLANGE BRACE**  
3/4" = 1'-0"



**5 TYPICAL BEAM WEB STIFFENER PLATE DETAIL**  
3/4" = 1'-0"

BEAM DEPTH	NO. BOLTS PER ROW	CONN. PLATE	CONN R WELD SIZE*
WB, W10	2	R 3/4"	3/4"
W12, W14	3	R 3/4"	3/4"
W16	4	R 3/4"	3/4"
W18	5	R 3/4"	3/4"
W21	5	R 3/4"	3/4"
W24	6	R 3/4"	3/4"
W30	8	R 3/4"	3/4"

- NOTES:**  
 1. R = 1 3/4" SEE TYP CONNECTION DETAILS FOR ADDITIONAL DIMENSIONS, BOLT SPACING ETC.  
 2. HIGH STRENGTH BOLTS (HSB) ARE GRADE A325-N UNO. PREPARE MATING SURFACES & TIGHTEN "SNUG TIGHT" AS DEFINED IN THE SPECIFICATIONS. AT LINES MARKED "SPRS" (SEISMIC FORCE RESISTING SYSTEM) HSB AND MATING SURFACES ARE SLIP-CRITICAL CLASS A, UNO.  
 3. USE ASTM A36 CONNECTION PLATES, UNO.  
 4. A COMPLETE PENETRATION BEVEL WELD MAY BE SUBSTITUTED FOR THE FILLET WELDS SPECIFIED.  
 5. HOLE SIZE = BOLT SIZE + 1/4" (BOLT SIZE + 1/4" FOR 1" Ø AND LARGER BOLTS). SHORT SLOTTED HOLES (+ 1/4" VERT, + 1/4" HORIZ) MAY BE SUBSTITUTED (EXCEPT AS NOTED) ROUND HOLES ARE REQUIRED AT SFRS CONNECTIONS.  
 6. USE SAME CONNECTIONS AT CHANNELS. FOR W6, C6 & ANGLES USE PLATE, WELD & BOLT SIZE PER W8 & SEE (4)S-A5.1  
 7. CONNECTION PLATE WELD SIZE REFERS TO THE WELD FROM THE CONNECTOR PLATE TO THE COLUMN, ADJACENT BEAM, ETC.



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**LIBERTY HIGH SCHOOL**

**NEW CLASSROOM BUILDING**

850 2nd STREET BRENTWOOD, CA 94513

**LIBERTY UNION HIGH SCHOOL DISTRICT**

REVISIONS  
 1 8/17/2022 Bid Clarification

DSA APP NO. 01-119994  
 ARCH PROJECT NO: 1925.00  
 DRAWN BY:  
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 JUNE 24, 2022

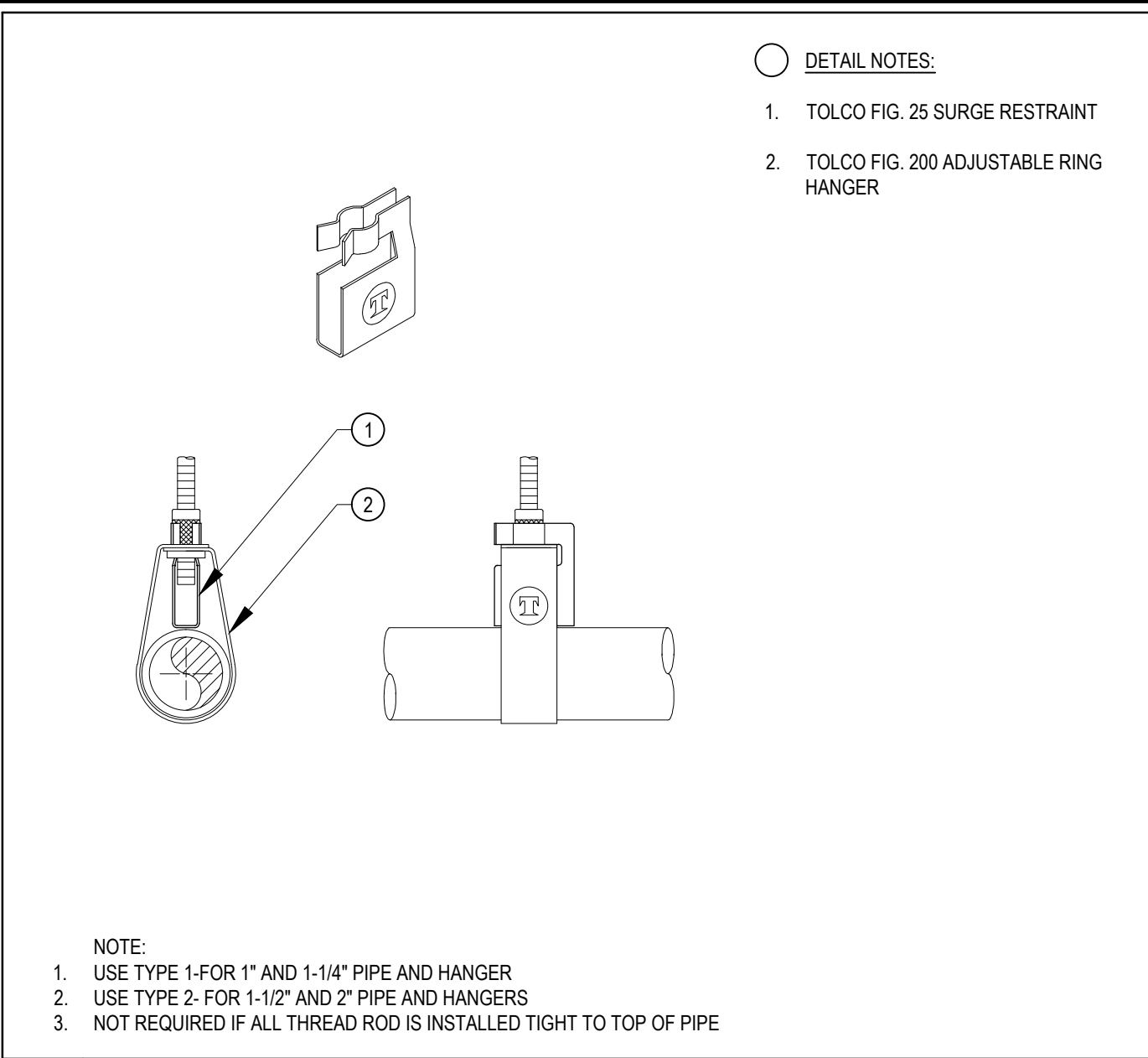
**BID CLARIFICATION 03  
 STEEL FRAMING DETAILS**

SHEET NUMBER

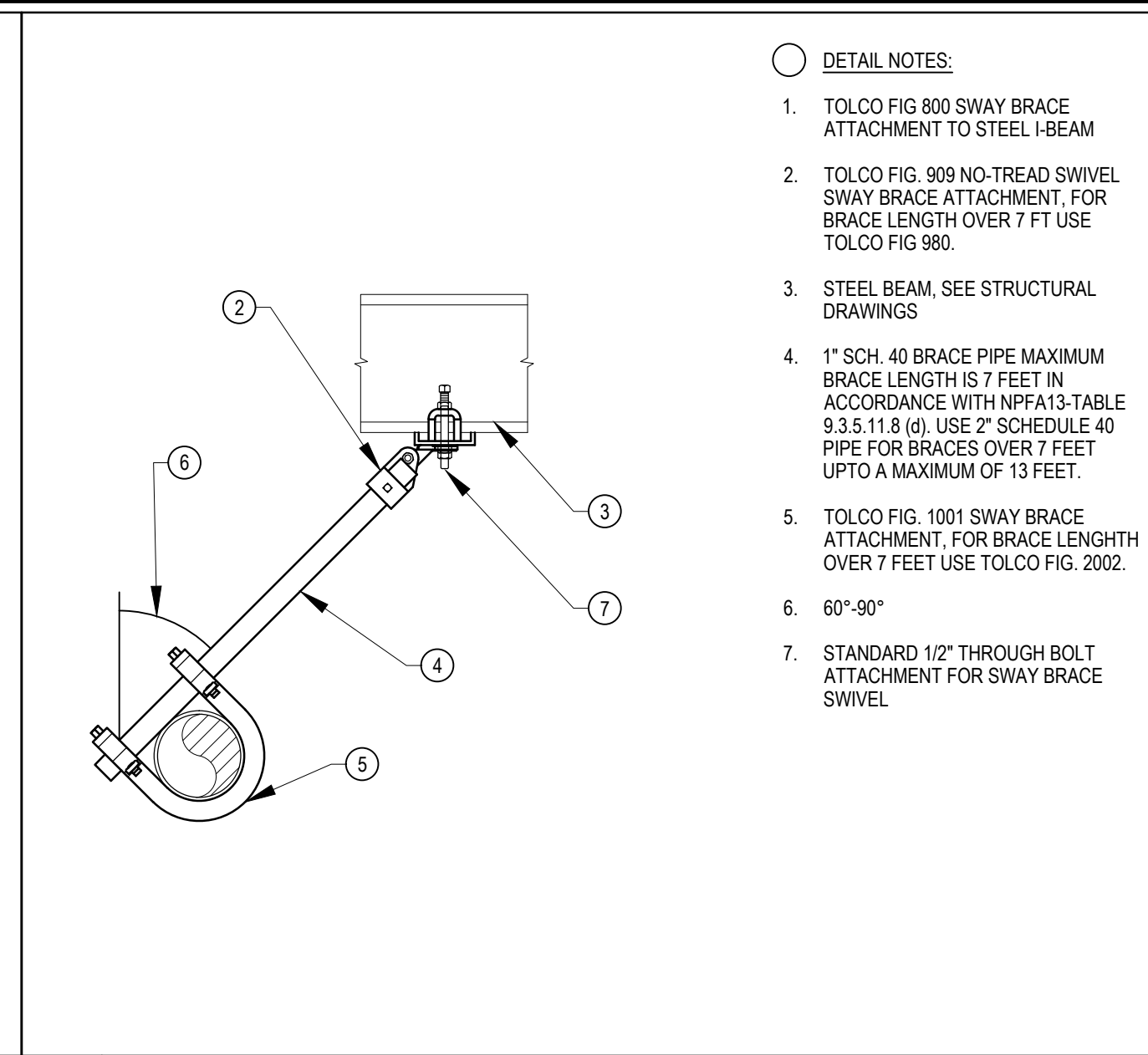
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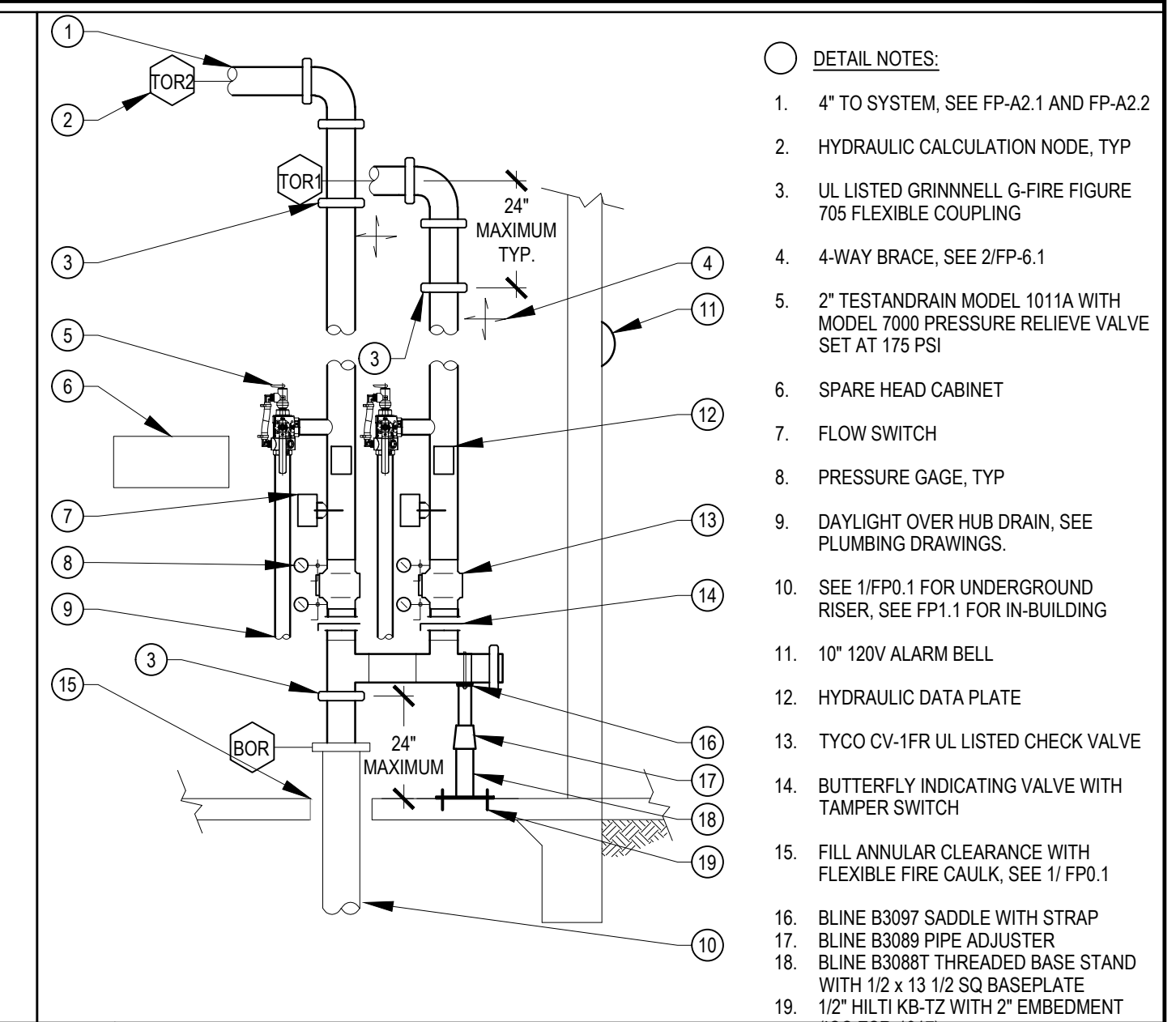




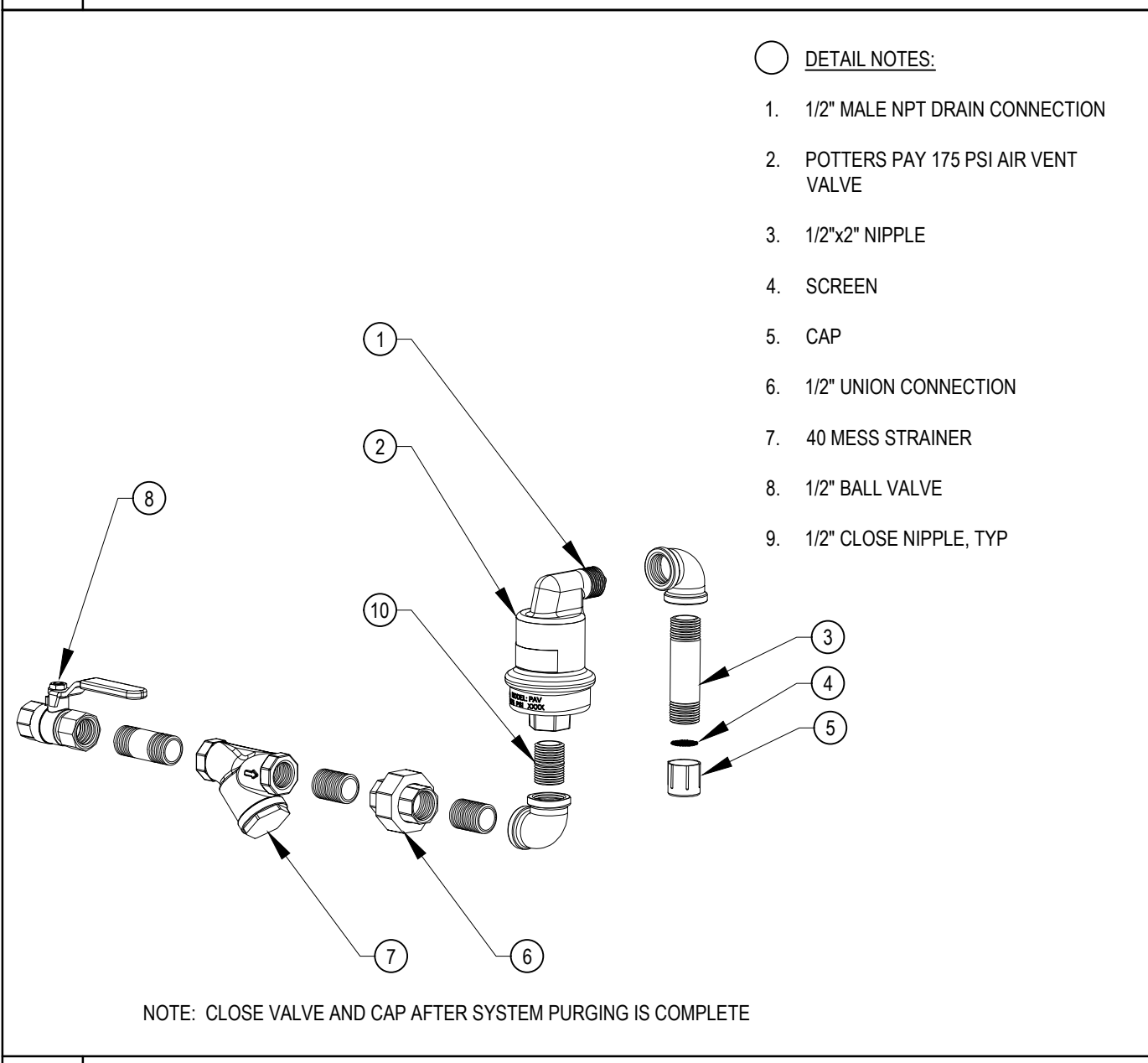
9 SURGE RESTRAINT N.T.S.



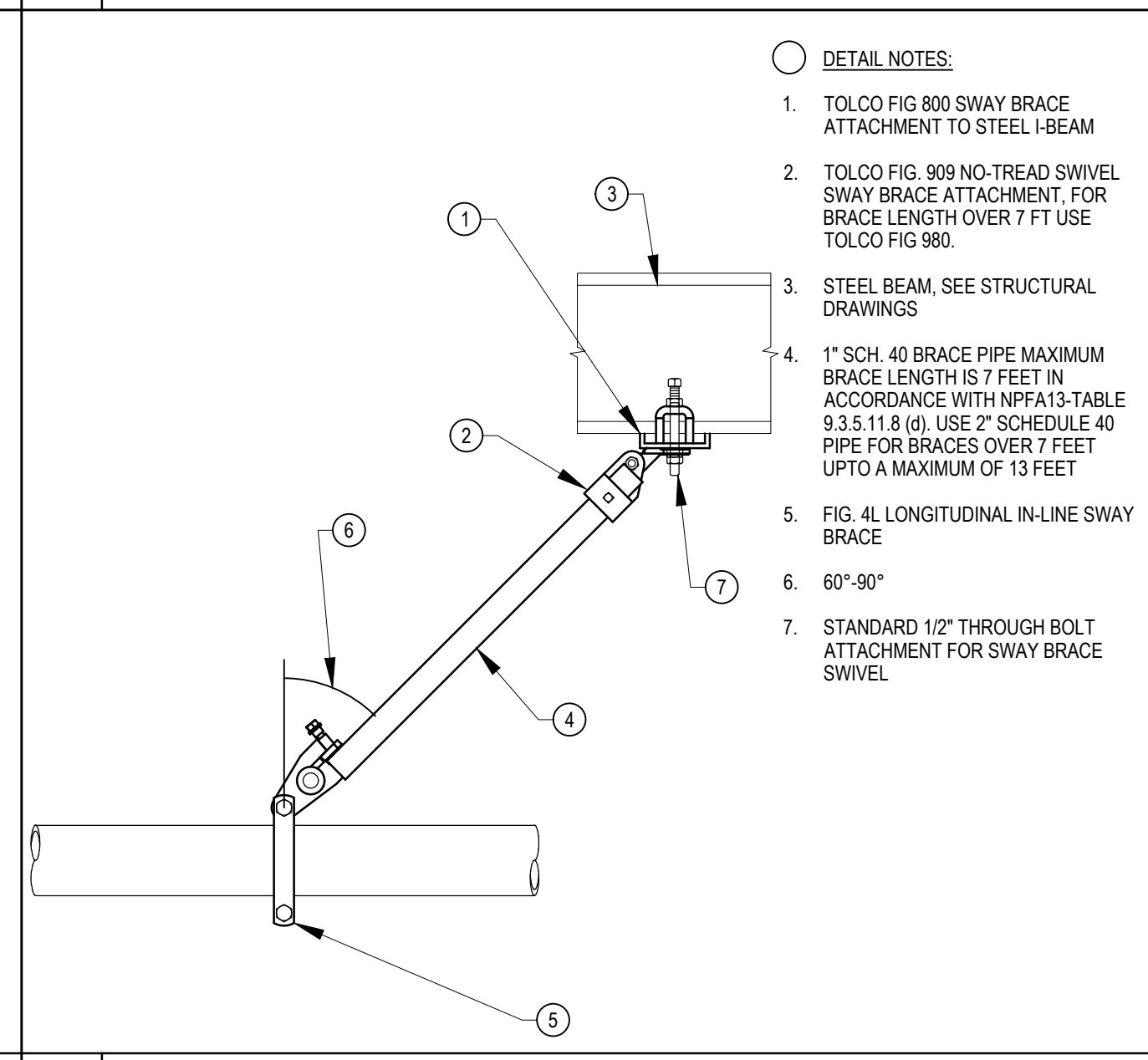
5 LATERAL SEISMIC BRACE SB-5, SB-7 N.T.S.



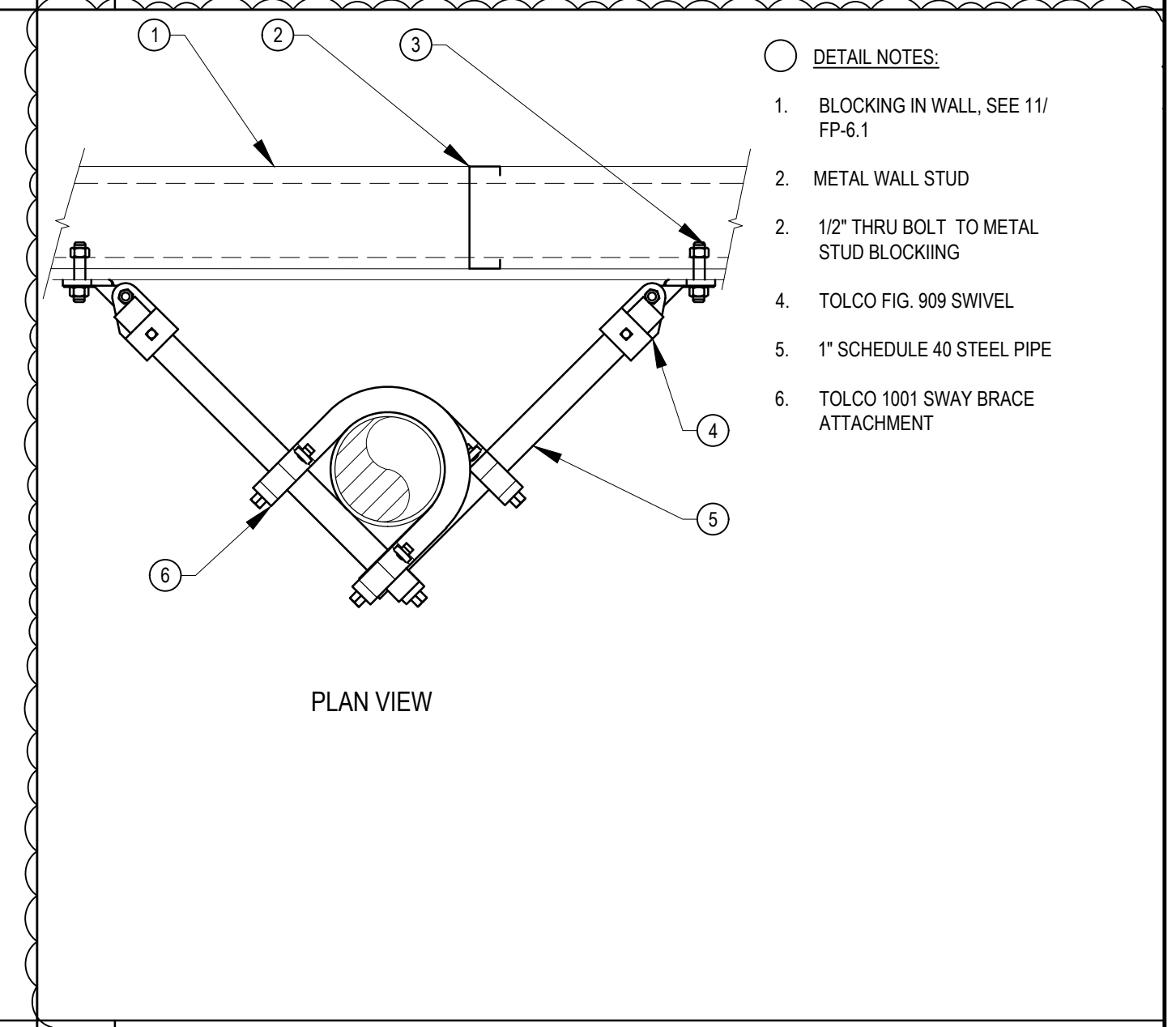
1 BUILDING A WET RISER N.T.S.



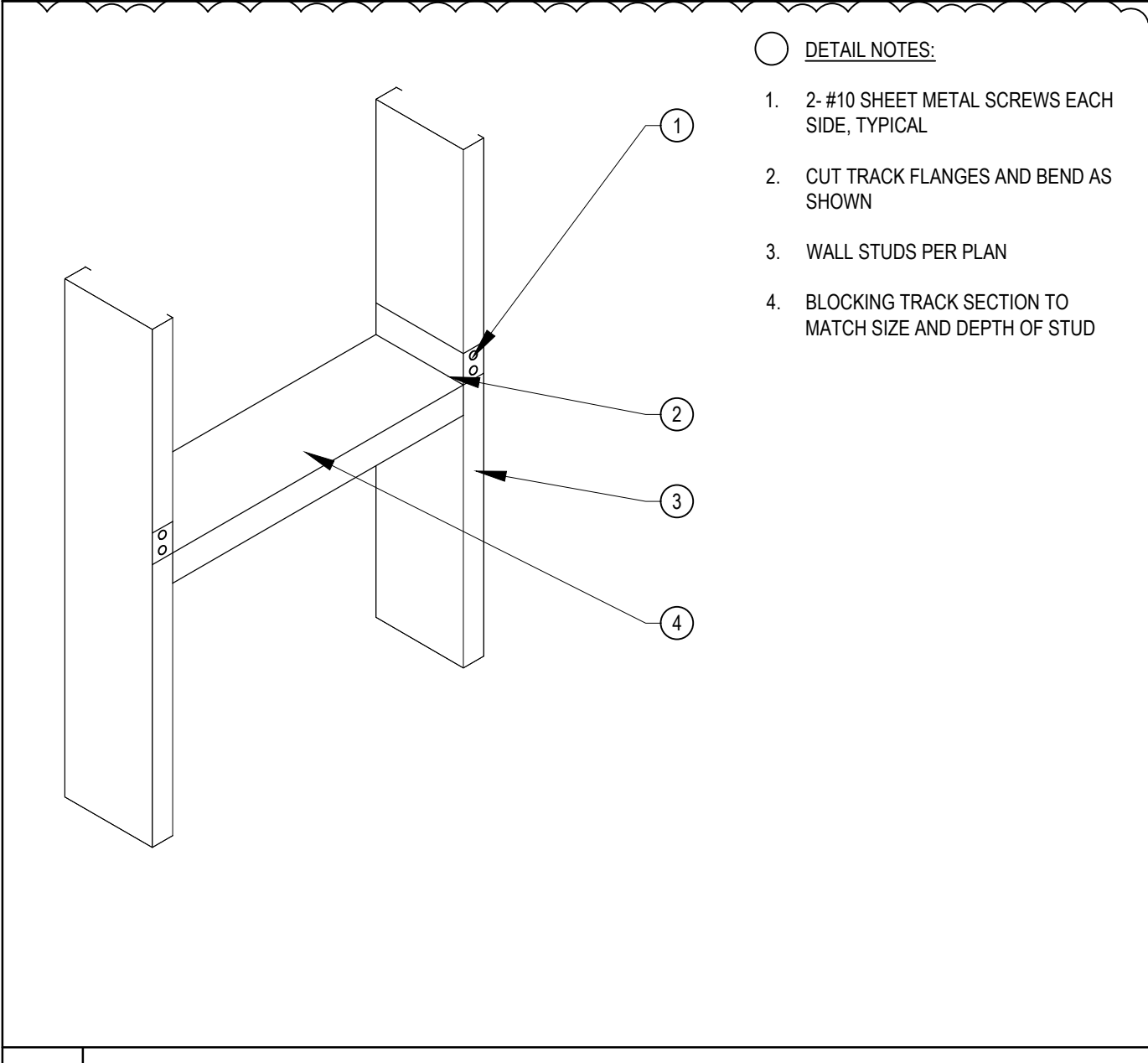
10 AIR VENT N.T.S.



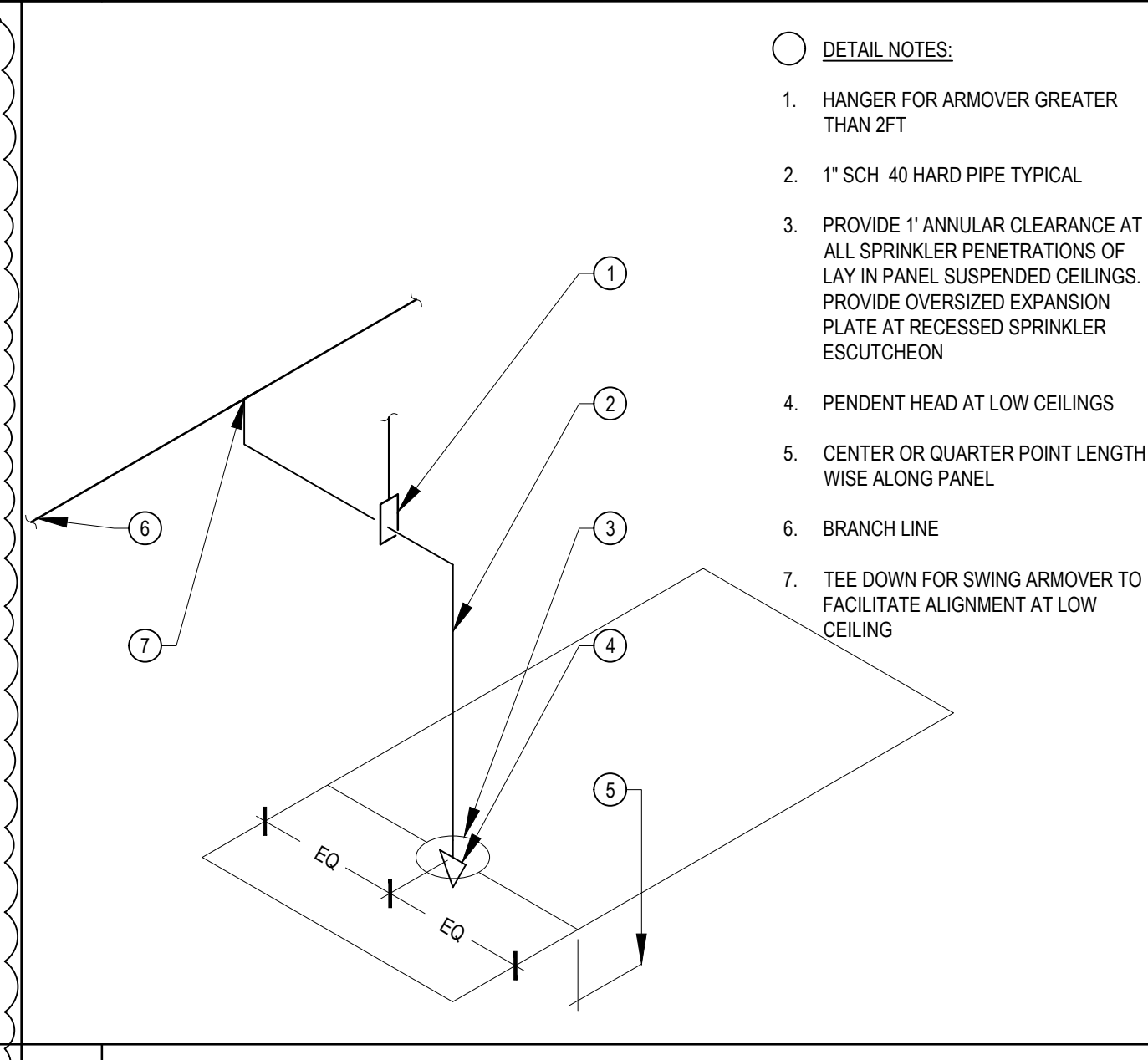
6 LONGITUDINAL SEISMIC BRACE SB-6 N.T.S.



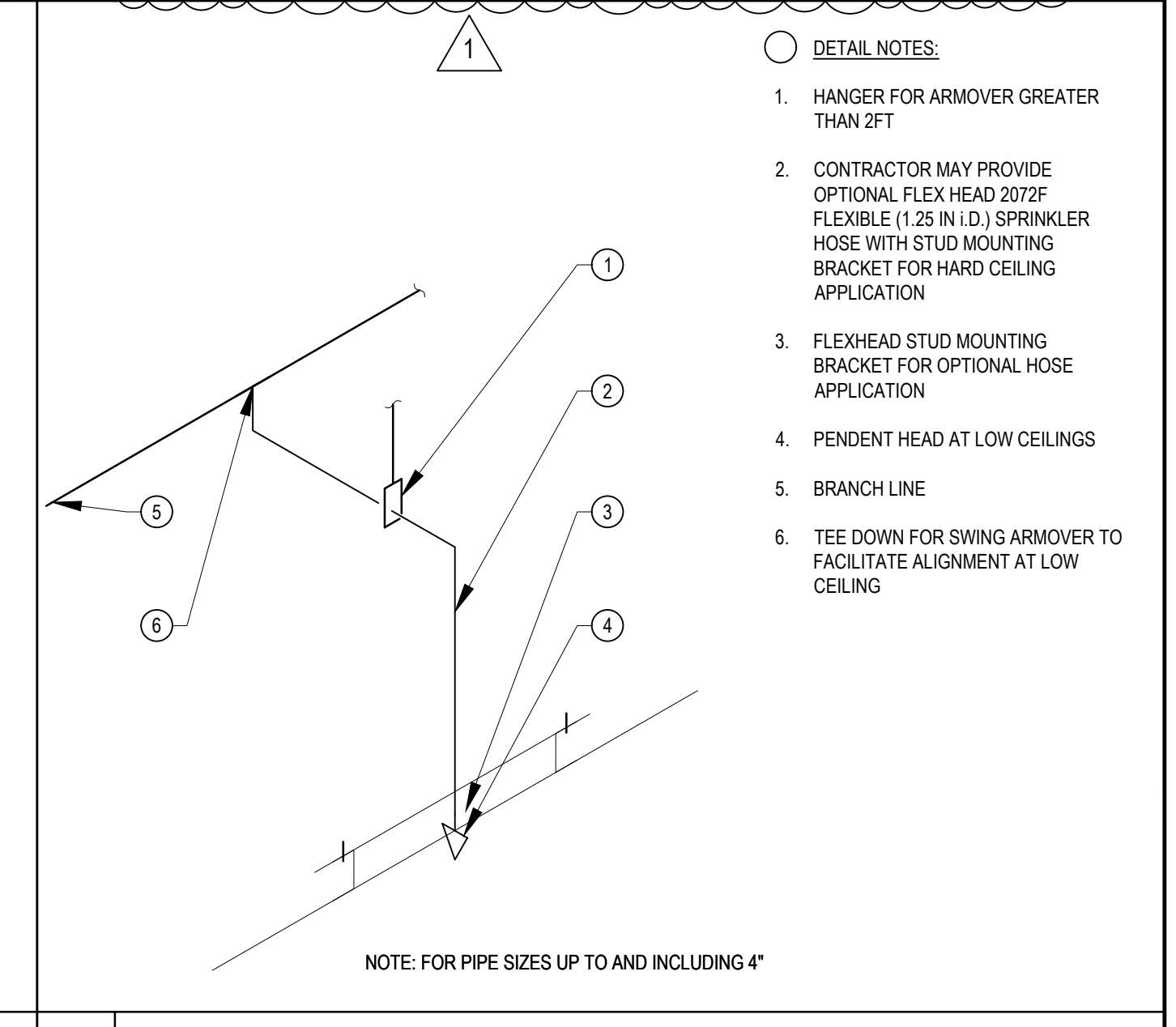
2 RISER BRACE N.T.S.



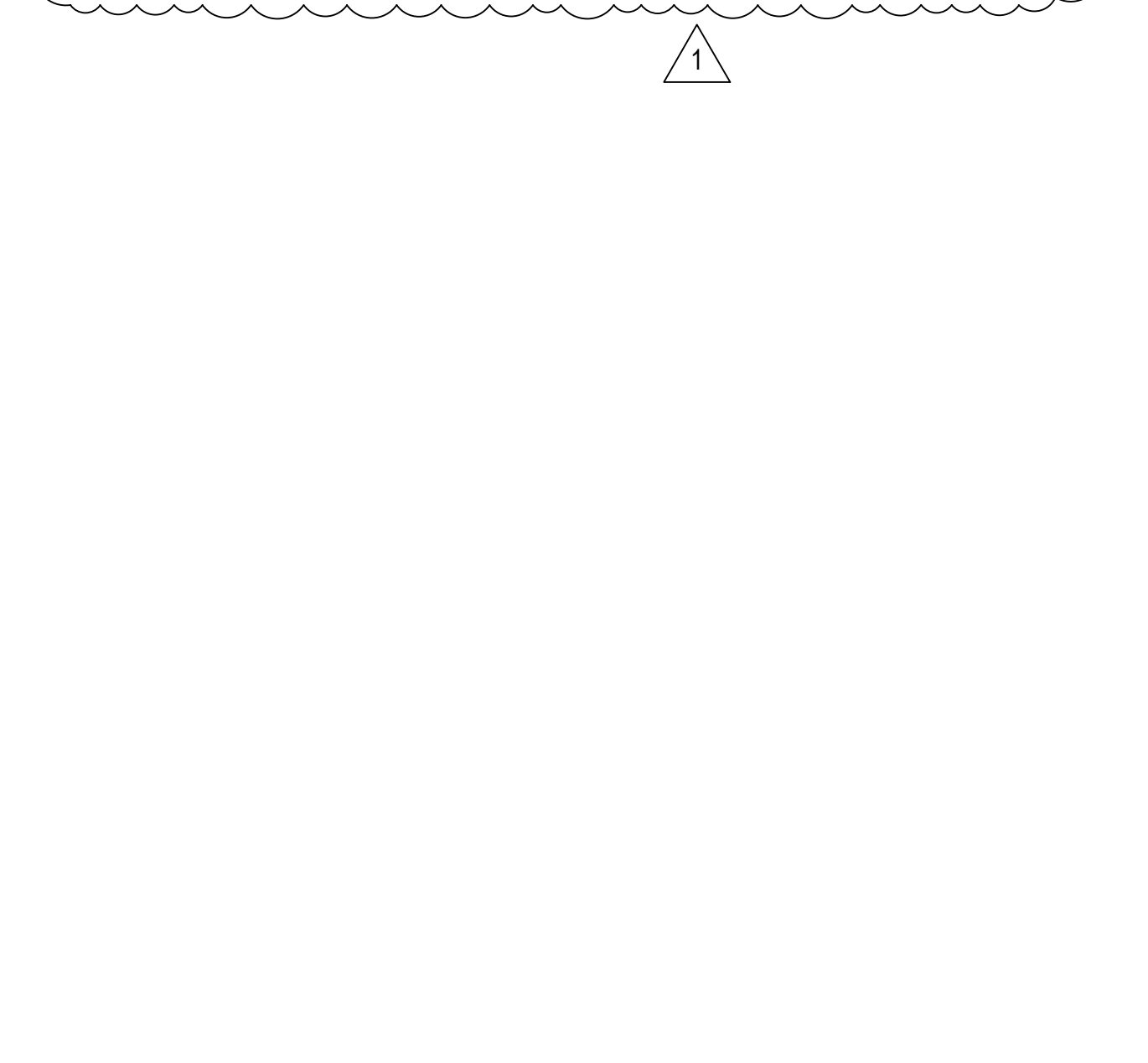
11 METAL STUD BLOCKING IN WALL N.T.S.



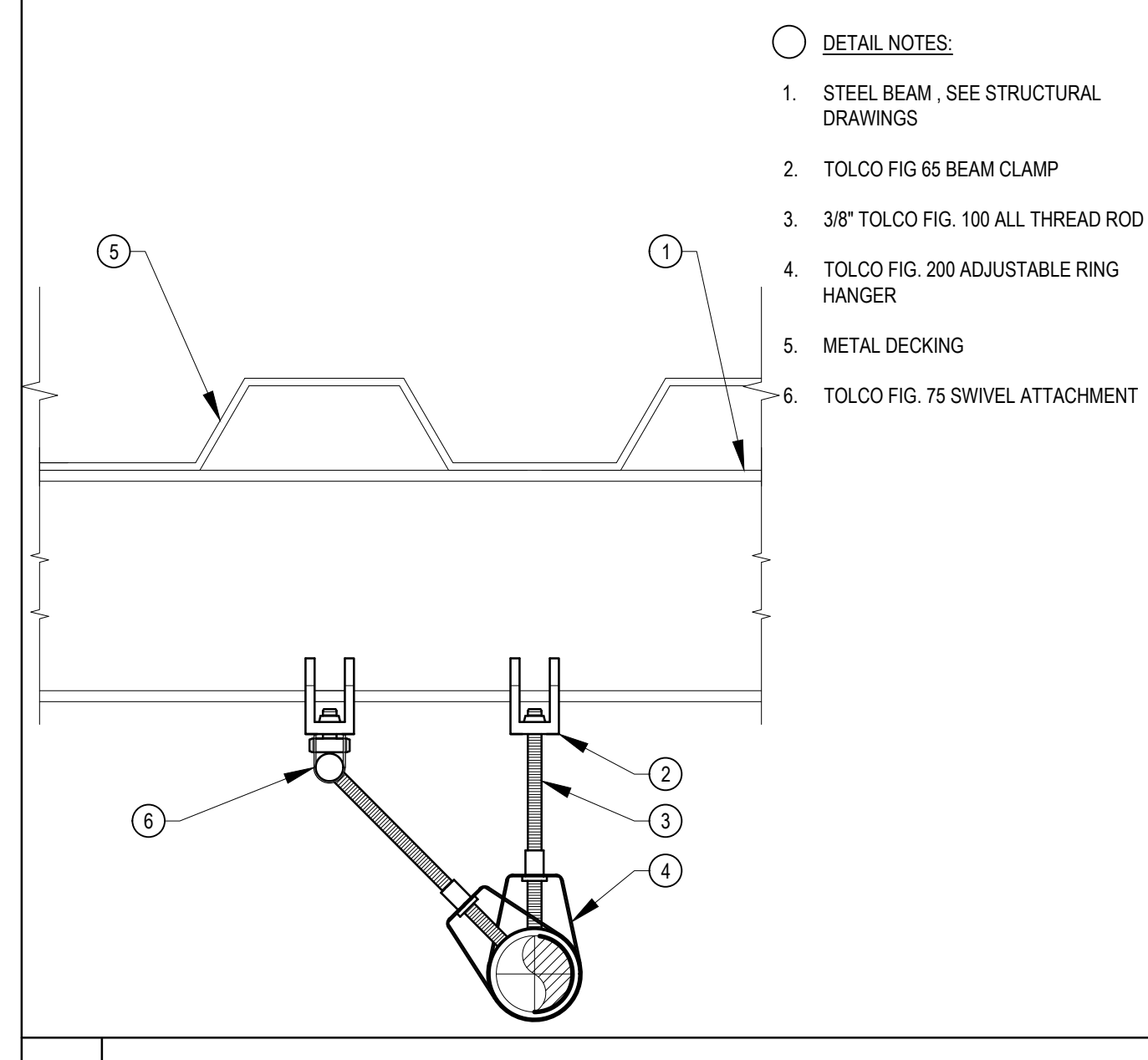
7 TYPICAL DROP TO CEILING N.T.S.



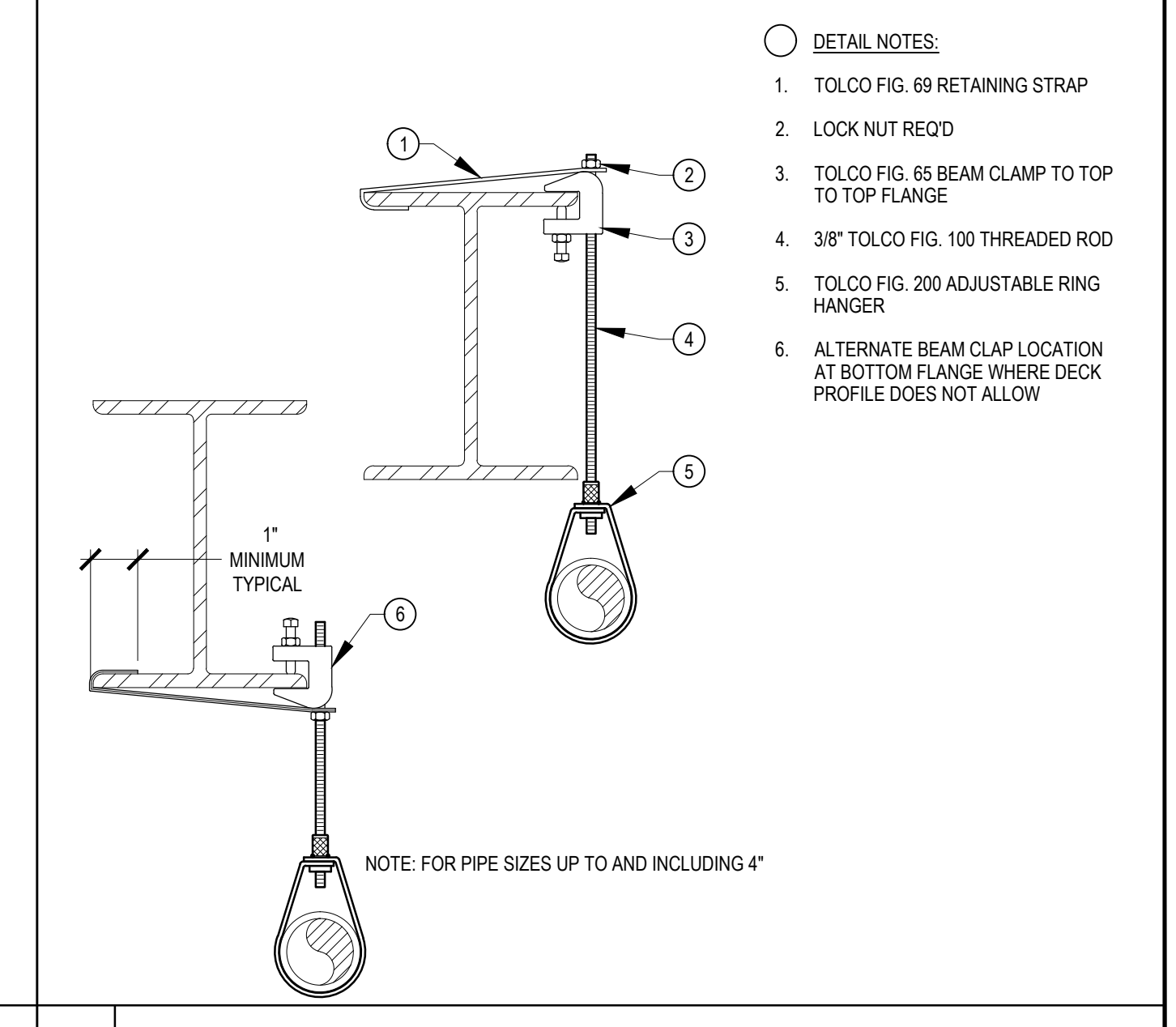
3 DROP HARD CEILING N.T.S.



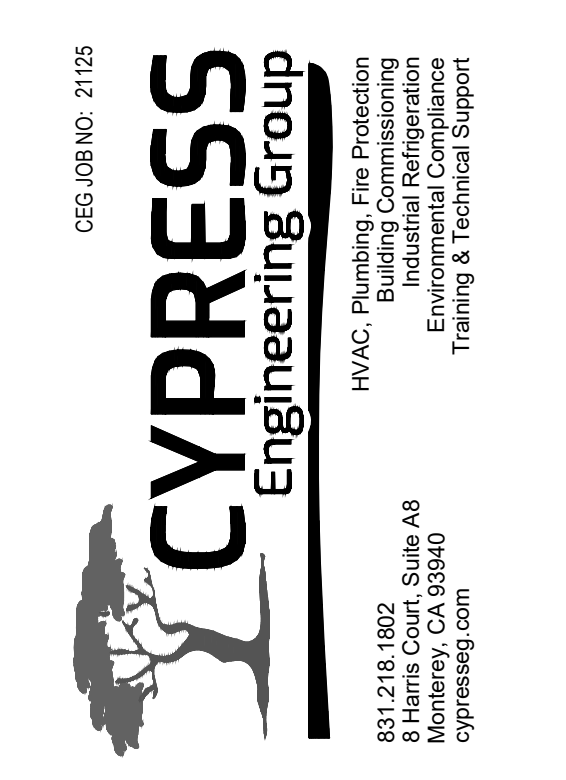
8 BRANCH LINE RESTRAINT N.T.S.



4 RING HANGER N.T.S.



1 BUILDING A WET RISER N.T.S.



**LIBERTY HIGH SCHOOL**

**NEW CLASSROOM BUILDING**

850 2ND STREET  
 BRENTWOOD, CA  
 94513

**LIBERTY UNION HIGH SCHOOL DISTRICT**

REVISIONS

NO.	DESCRIPTION

DSA APP NO. 01-119994  
 ARCH PROJECT NO. 1925.00  
 DRAWN BY: SER  
 DRAWING SCALE: NONE  
 PTN: 61721-83 FILE NO: 7-H4  
 CONSTRUCTION DOCUMENTS  
 JUNE 24, 2022  
 SHEET TITLE

**BID CLARIFICATION 03  
 DETAILS - FIRE  
 PROTECTION**

SHEET NUMBER

**FP-6.1**