



December 10, 2025

ADDENDUM NO. 2

TO THE CONTRACT DOCUMENTS

FOR

Colton MS Pavilion Building Addition

FOR THE

Colton Joint Unified School District
1212 Valencia Drive
Colton, CA 92324

DSA #04-123039

FILE #36-14

RCA Project No. 1-15-112

NOTICE TO BIDDERS

This Addendum forms a part of the Contract and modifies the original documents of DSA Approved on June 25, 2024. It is intended that all work affected by the following modifications shall conform with related provisions and general conditions of the contract of the original drawings and specifications. Modify the following items wherever appearing in any drawing or sections of the specifications. Acknowledge receipt of Addendum No. 02 in the space provided on the Bid Form. Failure to do so may subject the bidder to disqualification.

CHANGES TO SPECIFICATIONS:

- | | |
|--------------|--|
| Item No. 2.1 | Reference Specification 27 10 00 – Structured Cabling: |
| 2.1.1 | Replace Specification 27 10 00 in its entirety. |
| Item No. 2.2 | Reference Specification 28 46 00 – Fire Detection and Alarm: |
| 2.2.1 | Replace Specification 28 46 00 in its entirety. |

CHANGES TO DRAWINGS:

ARCHITECTURAL DRAWINGS

- | | |
|--------------|---|
| Item No. 2.3 | Reference Sheet AS-1.0 – Overall Site Plan: |
| 2.3.1 | Revised Keynotes and Code Analysis per clouded areas. |
| Item No. 2.4 | Reference Sheet A-1.0 – Egress & Signage Plan: |
| 2.4.1 | Revised Egress & Signage Legend and Overall Egress & Signage Plan Analysis per clouded areas. |
| Item No. 2.5 | Reference Sheet A-1.1 – Floor Plan: |
| 2.5.1 | Revised Keynotes and Floor Plan per clouded areas. |
| Item No. 2.6 | Reference Sheet A-4.1 – Building Elevations: |
| 2.6.1 | Revised Keynotes and Details 1, 2, 3 & 4 per clouded areas. |

- Item No. 2.7 Reference Sheet A-5.1 – Building Sections:
2.7.1 Revised Keynotes and Details 2 per clouded areas.
- Item No. 2.8 Reference Sheet A-6.1 - Wall Sections:
2.8.1 Revised Keynotes and Details 1, 2, 3 & 5 per clouded areas.
- Item No. 2.9 Reference Sheet A-6.2 - Wall Sections:
2.9.1 Revised Details 4 per clouded areas.
- Item No. 2.10 Reference Sheet A-7.1 – Interior Elevations:
2.10.1 Revised Details 1 & 2 per clouded areas.
- Item No. 2.11 Reference Sheet A-7.2 – Interior Elevations:
2.11.1 Revised Details 3 & 4 per clouded areas.
- Item No. 2.12 Reference Sheet A-8.1 – Door Schedule:
2.12.1 Revised Door Schedule and Types per clouded areas.
- Item No. 2.13 Reference Sheet AD-2.1 – Wall Details:
2.13.1 Revised Details 13, 16, 18, & 30 per clouded areas.
- Item No. 2.14 Reference Sheet AD-2.2 – Wall Details:
2.14.1 Revised Details 4, 15, 21 & 25 per clouded areas.
- Item No. 2.15 Reference Sheet AD-2.3 – Wall Details:
2.15.1 Revised Details 3, 4, 7 & 10 per clouded areas.
- Item No. 2.16 Reference Sheet AD-3.1 - Roof Details:
2.16.1 Revised Detail 15 per clouded areas.
- Item No. 2.17 Reference Sheet AD-6.1 - Door Details:
2.17.1 Removed Details 1, 8, & 13 in its entirety.
2.17.2 Revised Details 11 & 29 per clouded areas.

STRUCTURAL DRAWINGS

- Item No 2.18 Reference Sheet S-1.1 - Foundation Plan:
2.18.1 Replace Sheet S-1.1 and revise per clouded areas listed below:
a) Shifted HSS door jamb columns to coordinate with updated door locations.
- Item No 2.19 Reference Sheet S-6.1 - Roof Framing Details:
2.19.1 Replace Sheet S-6.1 and revise per clouded areas listed below:
a) Added detail 20 for HSS beam attachment to steel wide flange column web.

FIRE ALARM DRAWINGS

- Item No. 2.20 Reference Sheet FA-0.1 – Cover Sheet:
2.20.1 Revise per clouded areas of attached sheet and items listed below
a) Revised fire alarm panel model and CSFM number.

TECHNOLOGY DRAWINGS

- Item No. 2.21 Reference Sheet T-2.0 – Technology – Floor Plan:
2.21.1 Revise per clouded areas of attached sheet and items listed below
a) Added door contacts at exterior doors.
b) Added motion sensors at exterior doors.

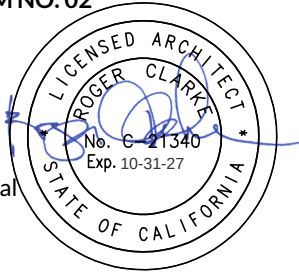
ATTACHMENTS:

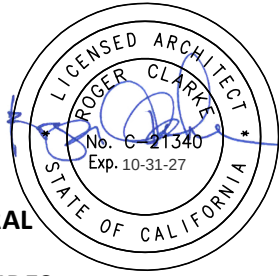
Specifications: 27 10 00, 28 46 00

Sheets: AS-1.0, A-1.0, A-1.1, A-4.1, A-5.1, A-6.1, A-6.2, A-7.1, A-7.2, A-8.1, AD-2.1, AD-2.2, AD-2.3, AD-3.1, AD-6.1, S-1.1, S-6.1, FA-0.1, T-2.0

END OF ADDENDUM NO. 02

Roger Clarke, Principal
C-21340





SECTION 27 10 00 STRUCTURED CABLING

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Communications system design requirements.
- B. Communications pathways.
- C. Copper cable and terminations.
- D. Communications outlets.
- E. Communications grounding and bonding.
- F. Communications identification.

1.02 SUBMITTALS

- A. Product Data: Provide manufacturer's standard catalog pages and data sheets for each product.
- B. Shop Drawings: Show compliance with requirements on isometric schematic diagram of network layout, showing cable routings, telecommunication closets, rack and enclosure layouts and locations, service entrance, and grounding, prepared and approved by BICSI Registered Communications Distribution Designer (RCDD).
- C. Evidence of qualifications for installer.
- D. Manufacturer's Installation Instructions: Indicate application conditions and limitations of use stipulated by product testing agency. Include instructions for storage, handling, protection, examination, preparation, installation, and operation of product.
- E. Test Plan: Complete and detailed plan, with list of test equipment, procedures for inspection and testing, and intended test date; submit at least 60 days prior to intended test date.
- F. Field Test Reports.
- G. Project Record Documents: Prepared and approved by BICSI Registered Communications Distribution Designer (RCDD).
 - 1. Record actual locations of outlet boxes and distribution frames.
 - 2. Show as-installed color coding, pair assignment, polarization, and cross-connect layout.
 - 3. Identify distribution frames and equipment rooms by room number on drawings.
- H. Operation and Maintenance Data: List of all components with part numbers, sources of supply, and operation and maintenance instructions; include copy of project record documents.

1.03 QUALITY ASSURANCE

- A. Maintain at the project site a copy of each referenced document that prescribes execution requirements.
- B. Manufacturer Qualifications: At least 3 years experience manufacturing products of the type specified.

- C. Installer Qualifications: A company having at least 3 years experience in the installation and testing of the type of system specified, and:
 - 1. Employing a BICSI Registered Communications Distribution Designer (RCDD).
 - 2. Supervisors and installers factory certified by manufacturers of products to be installed.
- D. Products: Listed, classified, and labeled as suitable for the purpose intended.
- E. Product Listing Organization Qualifications: An organization recognized by OSHA as a Nationally Recognized Testing Laboratory (NRTL) and acceptable to authorities having jurisdiction.

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Keep stored products clean and dry.

1.05 WARRANTY

- A. See Section 27 05 00 for additional warranty requirements.
- B. Correct defective Work within a 2 year period after Date of Substantial Completion.

PART 2 PRODUCTS

2.01 SYSTEM DESIGN

- A. Provide a complete permanent system of cabling and pathways for data communications, including cables, conduits and wireways, pull wires, support structures, enclosures and outlets.
 - 1. Comply with TIA-568 (SET) (cabling) and TIA-569 (pathways) (commercial standards).
 - 2. Provide fixed cables and pathways that comply with NFPA 70 and TIA-607 and are UL listed or third party independent testing laboratory certified.
 - 3. Provide connection devices that are rated for operation under conditions of 32 to 140 degrees F at relative humidity of 0 to 95 percent, noncondensing.
 - 4. In this project, the term plenum is defined as return air spaces above ceilings, inside ducts, under raised floors, and other air-handling spaces.
- B. System Description:
 - 1. Building Entrance Cable: OSP Copper between project building (Pavilion) and existing Portable Classroom building IDF cabinet. See Project Plans for location.
 - 2. Pavilion: Provide data in each location as indicated per plan.
 - 3. Provide additional outlets where indicated on drawings.
- C. Intermediate Distribution Frames (IDF): Support structures for terminating horizontal cables that extend to telecommunications outlets.
- D. Cabling to Outlets: Specified horizontal cabling, wired in star topology to distribution frame located at center hub of star; also referred to as "links".

2.02 PATHWAYS

- A. Conduit: See Division 26.

- B. Underground Service Entrance: Rigid polyvinyl chloride (PVC) conduit, Schedule 40.
- C. Firestop Sleeves: Listed; provide as required to preserve fire resistance rating of building elements.

2.03 COPPER CABLE AND TERMINATIONS

- A. Manufacturers:
 - 1. Panduit.
- B. Copper Horizontal Cable:
 - 1. Description: 100 ohm, balanced twisted pair cable complying with TIA-568.2 and listed and labeled as complying with UL 444.
 - 2. Cable Type - Data: TIA-568.2Category 6 UTP (unshielded twisted pair); 23 AWG.
 - 3. Cable Type - WAPs: TIA-568.2Category 6A UTP (unshielded twisted pair); 23 AWG.
 - 4. Cable Capacity: 4-pair.
 - 5. Cable Applications: Use listed NFPA 70 Type CMP plenum cable unless otherwise indicated.
 - 6. Cable Jacket Color - Data Cable: Confirm with District prior to procurement.
 - 7. Cable Jacket Color - WAPs Cable: Confirm with District prior to procurement.
- C. Copper Cable Terminations: Insulation displacement connection (IDC) type using appropriate tool; use screw connections only where specifically indicated.
- D. Jacks and Connectors: Modular RJ-45, non-keyed, terminated with 110-style insulation displacement connectors (IDC); high impact thermoplastic housing; suitable for and complying with same standard as specified horizontal cable; UL 1863 listed.
 - 1. Performance: 500 mating cycles.
 - 2. Data Jacks: 8-position modular jack, color-coded for both T568A and T568B wiring configurations.
- E. Copper Patch Cords:
 - 1. Description: Factory-fabricated 4-pair cable assemblies with 8-position modular connectors terminated at each end.
 - 2. Patch Cords for Patch Panels:
 - a. Quantity: One for each pair of patch panel ports.
 - b. Length: as required.

2.04 COMMUNICATIONS OUTLETS

- A. Manufacturers:
 - 1. Panduit.
- B. Outlet Boxes: Comply with Section 26 05 33.16.
 - 1. Provide depth as required to accommodate cable manufacturer's recommended minimum conductor bend radius.
 - 2. Minimum Size, Unless Otherwise Indicated:

- a. Data or Combination Voice/Data Outlets: 4 inch square by 2-1/8 inch deep (100 by 54 mm) trade size.
- C. Wall Plates:
 - 1. Comply with system design standards and UL 514C.
 - 2. Accepts modular jacks/inserts.
 - 3. Wall Plate Material/Finish - Flush-Mounted Outlets: Match wiring device and wall plate finishes specified in Section 26 27 26.

2.05 GROUNDING AND BONDING COMPONENTS

- A. Comply with TIA-607.

2.06 IDENTIFICATION PRODUCTS

- A. Comply with TIA-606.

PART 3 EXECUTION

3.01 INSTALLATION - GENERAL

- A. Comply with latest editions and addenda of TIA-568 (SET) (cabling), TIA-569 (pathways), TIA-607 (grounding and bonding), BICSI N1, NFPA 70, and SYSTEM DESIGN as specified in PART 2.
- B. Comply with Communication Service Provider requirements.
- C. Grounding and Bonding: Perform in accordance with TIA-607 and NFPA 70.

3.02 INSTALLATION OF PATHWAYS

- A. Install pathways with the following minimum clearances:
 - 1. 48 inches from motors, generators, frequency converters, transformers, x-ray equipment, and uninterruptible power systems.
 - 2. 12 inches from power conduits and cables and panelboards.
 - 3. 5 inches from fluorescent and high frequency lighting fixtures.
 - 4. 6 inches from flues, hot water pipes, and steam pipes.
- B. Minimum Cover - Underground Service Entrance: Comply with CEC and Communications Service Provider requirements.
- C. Outlet Boxes:
 - 1. Coordinate locations of outlet boxes provided under Section 26 05 33.16 as required for installation of telecommunications outlets provided under this section.

3.03 INSTALLATION OF EQUIPMENT AND CABLING

- A. Cabling:
 - 1. Do not bend cable at radius less than manufacturer's recommended bend radius; for unshielded twisted pair use bend radius of not less than 4 times cable diameter.
 - 2. Do not over-cinch or crush cables.
 - 3. Do not exceed manufacturer's recommended cable pull tension.

4. When installing in conduit, use only lubricants approved by cable manufacturer and do not chafe or damage outer jacket.
- B. Service Loops (Slack or Excess Length): Provide the following minimum extra length of cable, looped neatly:
 1. At Distribution Frames: 120 inches.
 2. At Outlets - Copper: 12 inches.
 3. At Outlets - Optical Fiber: 39 inches.
- C. Copper Cabling:
 1. Category 6 and Above: Maintain cable geometry; do not untwist more than 1/2 inch from point of termination.
 2. For 4-pair cables in conduit, do not exceed 25 pounds pull tension.
 3. Use T568B wiring configuration.
- D. Identification:
 1. Use wire and cable markers to identify cables at each end.
 2. Use manufacturer-furnished label inserts, identification labels, or engraved wallplate to identify each jack at communications outlets with unique identifier.

3.04 FIELD QUALITY CONTROL

- A. Comply with inspection and testing requirements of specified installation standards.
- B. Visual Inspection:
 1. Inspect cable jackets for certification markings.
 2. Inspect cable terminations for color coded labels of proper type.
 3. Inspect outlet plates and patch panels for complete labels.
 4. Inspect patch cords for complete labels.
- C. Testing - Copper Cabling and Associated Equipment:
 1. Category 6 and Above Links: Perform tests for wire map, length, attenuation, NEXT, and propagation delay.
- D. Final Testing: After all work is complete, including installation of telecommunications outlets, test for continuity for the entire link.

END OF SECTION

SECTION 28 46 00
FIRE DETECTION AND ALARM

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Fire alarm system design and installation, including all components, wiring, and conduit.

1.02 SUBMITTALS

- A. Proposal Documents: Submit the following with cost/time proposal:
 - 1. NFPA 72 "Record of Completion", filled out to the extent known at the time.
 - 2. Manufacturer's detailed data sheet for each control unit, initiating device, and notification appliance.
 - 3. Certification by Contractor that the system design will comply with Contract Documents.
- B. Design Documents: Submit all information required for plan review and permitting by authorities having jurisdiction, including but not limited to floor plans, riser diagrams, and description of operation:
 - 1. Copy (if any) of list of data required by authority having jurisdiction.
 - 2. NFPA 72 "Record of Completion", filled out to the extent known at the time.
 - 3. Clear and concise description of operation, with input/output matrix similar to that shown in NFPA 72 Appendix A-7-5-2.2(9), and complete listing of software required.
 - 4. System zone boundaries and interfaces to fire safety systems.
 - 5. Location of all components, circuits, and raceways; mark components with identifiers used in control unit programming.
 - 6. Circuit layouts; number, size, and type of raceways and conductors; conduit fill calculations; spare capacity calculations; notification appliance circuit voltage drop calculations.
 - 7. List of all devices on each signaling line circuit, with spare capacity indicated.
 - 8. Manufacturer's detailed data sheet for each component, including wiring diagrams, installation instructions, and circuit length limitations.
 - 9. Description of power supplies; if secondary power is by battery include calculations demonstrating adequate battery power.
 - 10. Certification by either the manufacturer of the control unit or by the manufacturer of each other component that the components are compatible with the control unit.
 - 11. Certification by the manufacturer of the control unit that the system design complies with Contract Documents.
 - 12. Certification by Contractor that the system design complies with Contract Documents.
- C. Manufacturer's equipment seismic qualification certification.
- D. Evidence of installer qualifications.
- E. Inspection and Test Reports:

1. Submit inspection and test plan prior to closeout demonstration.
 2. Submit documentation of satisfactory inspections and tests.
 3. Submit NFPA 72 "Inspection and Test Form," filled out.
- F. Closeout Documents:
1. Certification by manufacturer that the system has been installed in compliance with manufacturer's installation requirements, is complete, and is in satisfactory operating condition.
 2. NFPA 72 "Record of Completion", filled out completely and signed by installer and authorized representative of authority having jurisdiction.

1.03 QUALITY ASSURANCE

- A. Copies of Design Criteria Documents: Maintain at the project site for the duration of the project, bound together, an original copy of NFPA 72, the relevant portions of applicable codes, and instructions and guidelines of authorities having jurisdiction; deliver to Owner upon completion.
- B. Installer Qualifications: Firm with minimum 3 years documented experience installing fire alarm systems of the specified type and providing contract maintenance service as a regular part of their business.
1. Authorized representative of control unit manufacturer; submit manufacturer's certification that installer is authorized; include name and title of manufacturer's representative making certification.
 2. Installer Personnel: At least 2 years of experience installing fire alarm systems.

1.04 WARRANTY

- A. Provide control panel manufacturer's warranty that system components other than wire and conduit are free from defects and will remain so for 1 year after date of Substantial Completion.
- B. Provide installer's warranty that the installation is free from defects and will remain so for 1 year after date of Substantial Completion.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Fire Alarm Control Units and Accessories:
1. Potter Electric Signal Company; IPA 4000V System.
 2. Provide control units made by the same manufacturer.
- B. Initiating Devices and Notification Appliances (match existing campus-wide system):
1. Potter Electric Signal Company.
 2. Same manufacturer as control units.
 3. Provide initiating devices and notification appliances made by the same manufacturer, where possible.

2.02 FIRE ALARM SYSTEM

- A. Fire Alarm System: Provide a new automatic fire detection and alarm system:
1. Provide all components necessary, regardless of whether shown in Contract Documents or not.
 2. Protected Premises: Entire new and renovated buildings shown on drawings.
 3. Comply with the following; where requirements conflict, order of precedence of requirements is as listed:
 - a. ADA Standards.
 - b. The requirements of the State Fire Marshal.
 - c. The requirements of the local authority having jurisdiction.
 - d. Applicable local codes.
 - e. Contract Documents (drawings and specifications).
 - f. NFPA 101.
 - g. NFPA 72; where the word "should" is used consider that provision mandatory; where conflicts between requirements require deviation from NFPA 72, identify deviations clearly on design documents.
 4. Evacuation Alarm: Multiple smoke zones; allow for evacuation notification of any individual zone or combination of zones, in addition to general evacuation of entire premises.
 5. Voice Notification: Provide emergency voice/alarm communications with multichannel capability; digital.
 6. General Evacuation Zones: Each smoke zone is considered a general evacuation zone unless otherwise indicated, with alarm notification in all zones on the same floor, on the floor above, and the floor below.
 7. Program notification zones and voice messages as directed by District.
 8. Fire Alarm Control Unit: New, located in the Admin Building, Building 'A'.
- B. Circuits:
1. Initiating Device Circuits (IDC): Class B, Style A.
 2. Signaling Line Circuits (SLC) Within Single Building: Class B, Style 0.5.
 3. Notification Appliance Circuits (NAC): Class B, Style W.
- C. Power Sources:
1. Primary: Dedicated branch circuits of the facility power distribution system.
 2. Secondary: Provide new Storage batteries within the new fire alarm panel.
 3. Capacity: Sufficient to operate entire system for period specified by NFPA 72.
- D. Seismic Qualification: Provide fire alarm system and associated components suitable for application under seismic design where required. Include certification of compliance with submittals.

2.03 FIRE SAFETY SYSTEMS INTERFACES

- A. Supervision: Provide supervisory signals in accordance with NFPA 72 for the following:

Colton Joint Unified School District

Fire Detection And Alarm

Colton MS Pavilion Building Addition

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1. Sprinkler water control valves.
- B. Alarm: Provide alarm initiation in accordance with NFPA 72 for the following:
 1. Sprinkler water flow.
- C. HVAC:
 1. Duct Smoke Detectors: Close dampers indicated; shut down air handlers indicated.

2.04 COMPONENTS

- A. General:
 1. Provide flush mounted units where installed in finish areas; in unfinished areas, surface mounted unit are acceptable.
 2. Provide legible, permanent labels for each control device, using identification used in operation and maintenance data.
- B. Fire Alarm Control Units: Analog, addressable type; listed, classified, and labeled as suitable for the purpose intended.
- C. Addressable Fire Alarm Control Unit - Basis of Design: Potter Electric Signal Company; IPA Series; Model IPA-4000V Integrated Voice Emergency Evacuation Panel; www.pottersignal.com/#sle.
 1. System Capacity: 4,064 addresses; six notification appliance circuits (NACs), expandable to 192; four input/output (I/O) circuits; 1,500 software zones.
 2. Voice Integration:
 - a. Support two hours of message storage; internal library of predefined messages and tones; 255 customizable audio patterns; text-to-speech custom text translation.
 - b. Provide supervised low-level auxiliary input to interface with external audio sources and support background music applications.
 - c. Provide eight programmable push buttons for speaker and emergency communication system (ECS) zone assignment, expandable to 104 pushbuttons.
 - d. Support connection of up to 31 single-channel amplifiers (SCA) or dual-channel amplifiers (DCA), 30 Model LOC-1000 local operator consoles, and one Model FFT-1000 firefighter telephone system supporting 24 phone circuits, expandable to 96.
 3. Features: Strobe synchronization; dedicated alarm, supervisory and trouble relays; 4,000 event history buffer; built-in IP communicator; Ethernet port for programming and network connectivity; e-mail system status, reports and event information.
- D. Initiating Devices:
 1. Addressable Systems:
 - a. Addressable Devices: Individually identifiable by addressable fire alarm control unit.
 - b. Provide suitable addressable interface modules as indicated or as required for connection to conventional (non-addressable) devices and other components that provide a dry closure output.
 2. Smoke Detectors:
 - a. Provide 1 extra.
 3. Duct Smoke Detectors:

- a. Provide 1 extra.
- 4. Heat Detectors:
 - a. Provide 1 extra.
- E. Notification Appliances:
 - 1. Speakers:
 - a. Provide 1 extra.
 - 2. Strobes:
 - a. Provide 1 extra.
- F. Circuit Conductors: Copper or optical fiber; provide 200 feet extra; color code and label.
- G. Surge Protection: In accordance with IEEE C62.41.2 category B combination waveform and NFPA 70; except for optical fiber conductors.
- H. Locks and Keys: Deliver keys to Owner.
- I. Instruction Charts: Printed instruction chart for operators, showing steps to be taken when a signal is received (normal, alarm, supervisory, and trouble); easily readable from normal operator's station.
 - 1. Frame: Stainless steel or aluminum with polycarbonate or glass cover.
 - 2. Provide one for each control unit where operations are to be performed.
 - 3. Obtain approval of Owner prior to mounting; mount in location acceptable to Owner.
 - 4. Provide extra copy with operation and maintenance data submittal.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install in accordance with applicable codes, NFPA 72, CEC, and Contract Documents.
- B. Conceal all wiring, conduit, boxes, and supports where installed in finished areas.
- C. Obtain Owner's approval of locations of devices, before installation.
- D. Install instruction cards and labels.

3.02 INSPECTION AND TESTING FOR COMPLETION

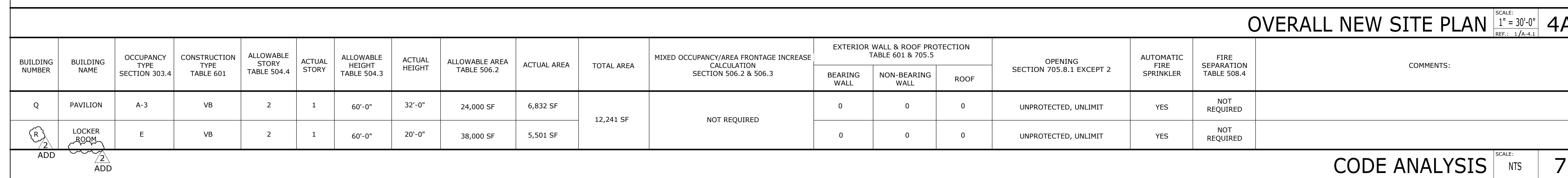
- A. Notify Owner 7 days prior to beginning completion inspections and tests.
- B. Notify authorities having jurisdiction and comply with their requirements for scheduling inspections and tests and for observation by their personnel.
- C. Provide the services of the installer's supervisor or person with equivalent qualifications to supervise inspection and testing, correction, and adjustments.
- D. Prepare for testing by ensuring that all work is complete and correct; perform preliminary tests as required.
- E. Provide all tools, software, and supplies required to accomplish inspection and testing.
- F. Perform inspection and testing in accordance with NFPA 72 and requirements of local authorities; document each inspection and test.

- G. Correct defective work, adjust for proper operation, and retest until entire system complies with Contract Documents.

3.03 CLOSEOUT

- A. Closeout Demonstration: Demonstrate proper operation of all functions to Owner.
 - 1. Be prepared to conduct any of the required tests.
 - 2. Have at least one copy of operation and maintenance data, preliminary copy of project record drawings, input/output matrix, and operator instruction chart(s) available during demonstration.
 - 3. Have authorized technical representative of control unit manufacturer present during demonstration.
 - 4. Demonstration may be combined with inspection and testing required by authority having jurisdiction; notify authority having jurisdiction in time to schedule demonstration.
 - 5. Repeat demonstration until successful.

END OF SECTION



ADD 2 ADD CODE ANALYSIS NTS 7

1. VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.

2. SEE CIVIL FOR ADDITIONAL INFORMATION.

3. ALL EXISTING BATHING FIXTURES (SHOWER HEADS AND FAUCETS) IN EXISTING LOCKER ROOM BUILDING "F" TO BE REMOVED BY DISTRICT.

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CARE STATEMENT:
THE P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS IN COMPLIANCE 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 THE PROJECT. THE P.O.T. IS IN COMPLIANCE WITH ALL ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE ONE COMPLIANT 1.) HAVE BEEN IDENTIFIED AND 2.) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECTS WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NON-COMPLIANT ELEMENTS, COMPONENTS, OR PORTIONS OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR FINDINGS OF UNREASONABLE HARSHNESS ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.

PATH OF TRAVEL. TECHNICAL REQUIREMENTS FOR ACCESSIBLE ROUTE
ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER FREE ACCESS ROUTE WITHOUT ABRUPT LEVEL CHANGES EXCEEDING 1/2 INCHES IF REVEALED AT 1:2 MAXIMUM SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4 INCHES MAXIMUM AND AT LEAST 48 INCHES IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP-RESISTANT. CROSS-SLOPE SHALL NOT BE STEEPER THAN 1:48 AND SLOPE IN THE DIRECTION OF TRAVEL SHALL NOT BE STEEPER THAN 1:20. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF INCHES FROM THE WALL, ABOVE 27 INCHES AND LESS THAN 80 INCHES ABOVE THE FLOOR. ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.

	ACCESSIBLE RESTROOMS: S - STAFF U - UNISEX G - GIRLS B - BOYS
DF	ACCESSIBLE DRINKING FOUNTAIN

GATE SCHEDULE ABBREVIATIONS:	
PH	PANIC HARDWARE
P	PANIC
MF	METAL FENCE
CL	GALVANIZED STEEL CHAINLINK
PR	PAIR OF GATES
NOTES:	
1.	PROVIDE KNOX BOX FOR ENTRY KEY PER COLTON FIRE DEPARTMENT STANDARDS.
2.	GATE HEIGHTS TO MATCH HEIGHT OF ADJACENT FENCE U.N.O.
3.	NO PADLOCK ON EXIT GATES IN THE PATH OF EGRESS
4.	NO MANUAL CANE BOLTS, MANUALLY LOCKING HARDWARE OR CHAINS ON GATES WITH PANIC HARDWARE
5.	EXISTING GATE PANIC DEVICE TO COMPLY WITH 118-309.4 5 LBS. MAX FORCE TO OPERATE. EXISTING GATE PER A# 04-109473.
6.	SERVICE GATE ONLY, NO PEDESTRIAN ACCESS.



GATE IDENTIFICATION
NUMBER, SEE SCHEDULE

A	LOT #1 04-116933	50	2	1	2	1	53
	TOTAL	50	2	1	2	1	53

[illegible]

1-15-112



12/10/25

STAMPS

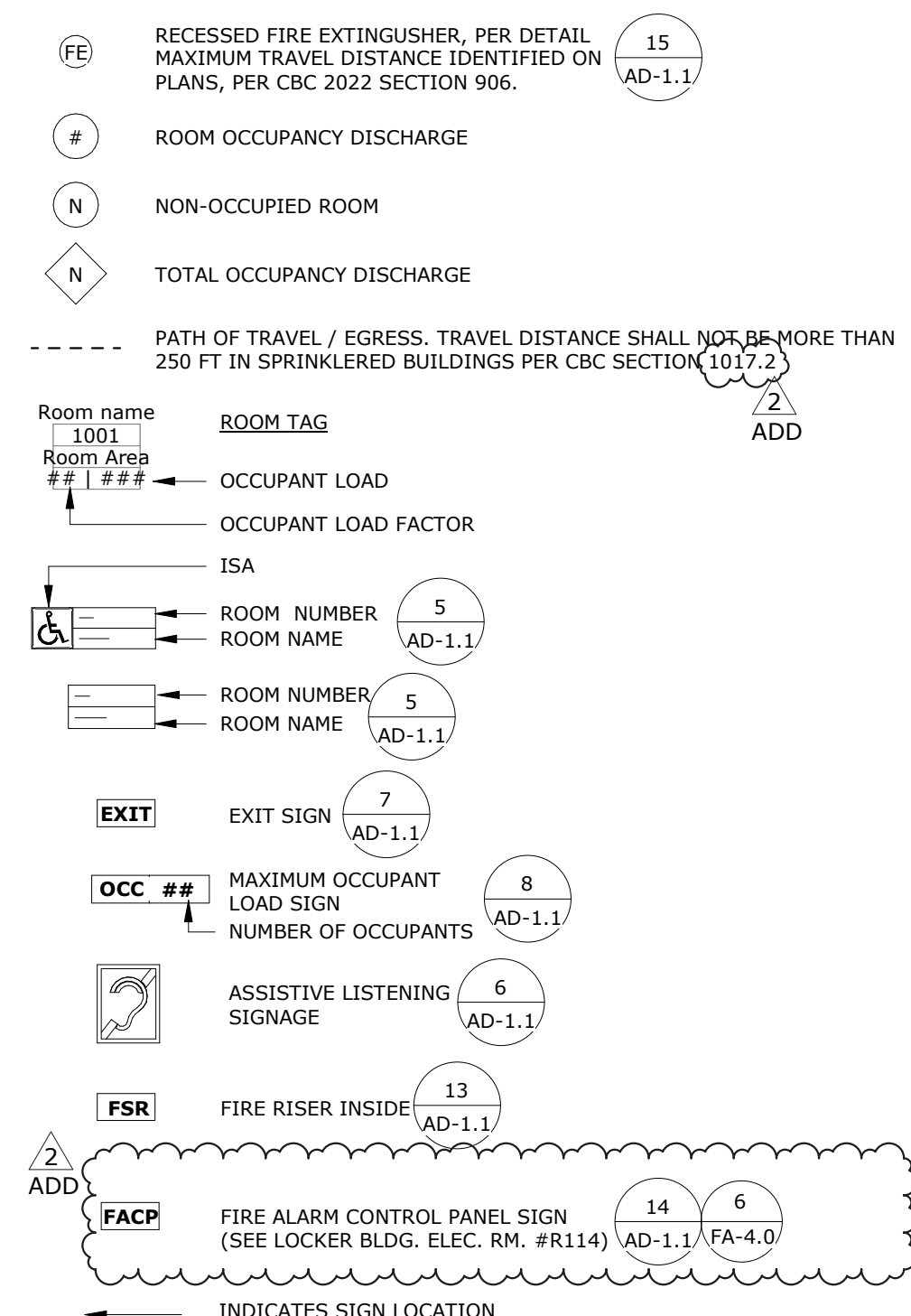
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ARCHITECTS

CONSULTANT BRANDING

GENERAL EGRESS NOTES

1. SEE SHEET  "OVERALL SITE PLAN" FOR BUILDING CODE ANALYSIS INFORMATION
2. PER SECTION 1008.1.10 IN THE CBC 2022, DOOR SERVING ROOMS OR SPACES WITH AN OCCUPANT LOAD OF 50 OR MORE ARE REQUIRED TO HAVE PANIC HARDWARE OR FIRE EXIT HARDWARE.
3. ROOM OCCUPANT LOADS FACTORED PER CBC 2022 SECTION 1005, TABLE 1004.1.2
4. REFER TO SIGNAGE SCHEDULE IN SECTION 10.14 00 FOR MORE INFORMATION.
5. SEE SHEET  FOR SIGNAGE ATTACHMENTS AND LOCATIONS.
6. ALL DOORS TO HAVE A 90 DEGREE SWING LIMIT WHERE TACTILE SIGNAGE IS LOCATED ON HINGE SIDE OF DOOR.
7. TYPICAL AT PAINS OF DOORS: WHEN POSSIBLE TACTILE SIGNAGE SHALL BE PLACED AT RIGHT SIDE OF DOORS.

EGRESS & SIGNAGE LEGEND



ASSISTIVE LISTENING SYSTEMS

BUILDING	NO. OF OCCUPANCY	# OF RECEIVERS	# OF HEARING-AID COMPATABLE RECEIVERS
(N) BUILDING 'Q' PAVILION	407	17	5

PROJECT No. :1-15-112
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☐ ADD	☐ AFO	☐ CCD	☐ REV

OVERALL EGRESS & SIGNAGE PLAN ANALYSIS	SCALE: 1/8" = 1'-0"	1
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SCALE:	
$1/8'' = 1'-0''$	1

1

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**COLTON MIDDLE SCHOOL PAVILION
BUILDING ADDITION**

670 W. LAUREL ST, COLTON, CA 92324
COLTON JOINT UNIFIED SCHOOL DISTRICT

EGRESS & SIGNAGE PLAN

A-1.0

1.15.112

COLTON MIDDLE SCHOOL PAVILION BUILDING ADDITION: ADDENDUM 02 - 12/10/2025



12/10/25

STAMPS

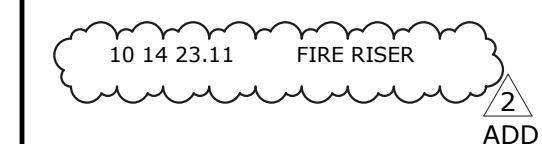
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CONSULTANT BRANDING

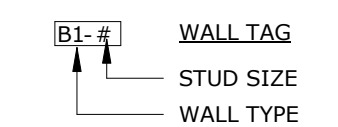
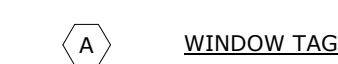
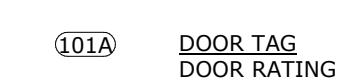
GENERAL NOTES

1. VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
2. ALL DIMENSIONS ARE TO FACE OF STUD, CENTERLINE OF COLUMN OR EDGE OF SLAB, U.N.O.
3. SEE SHEET  FOR WALL TYPE INFORMATION.
4. PROVIDE 8-19 BATT INSULATION AT ALL EXTERIOR WALLS, U.N.O. GYPSUM BOARD AND INSULATION SHALL EXTEND FULL HEIGHT OF WALL TO UNDERSIDE OF ROOF STRUCTURE.
5. PROVIDE STUD BRACING AND SUPPORT FOR ALL WALL MOUNTED FIXTURES AND ACCESSORIES. PER DETAIL 
6. SEE SHEET  FOR DOOR INFORMATION

KEYNOTES



LEGEND



 TYP. METAL STUD FRAMING WALL

 TYP. C.M.U. WALL

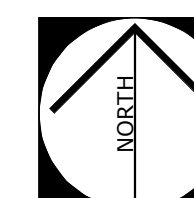
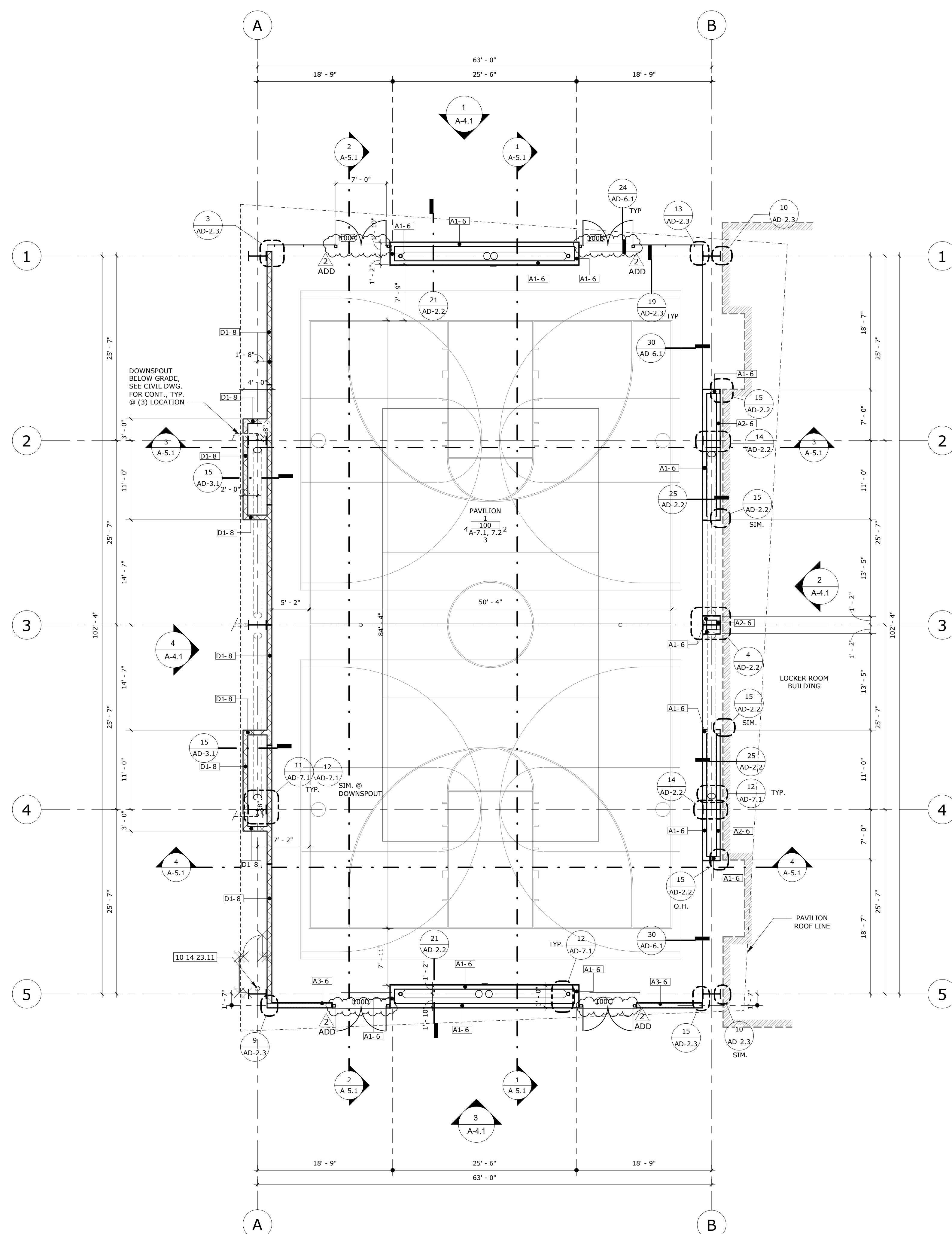
WALL TYPES

A1 - SEE DETAIL

A2 - SEE DETAIL

A3 SEE DETAIL 

D1 - SEE DETAIL



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

PROJECT No. :1-15-112
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**COLTON MIDDLE SCHOOL PAVILION
BUILDING ADDITION**

670 W. LAUREL ST, COLTON, CA 92324
COLTON JOINT UNIFIED SCHOOL DISTRICT

FLOOR PLAN

A-1.1

COLTON MIDDLE SCHOOL PAVILION BUILDING ADDITION: ADDENDUM 02 - 12/10/2025

1-15-112

STAMPS

12/10/25

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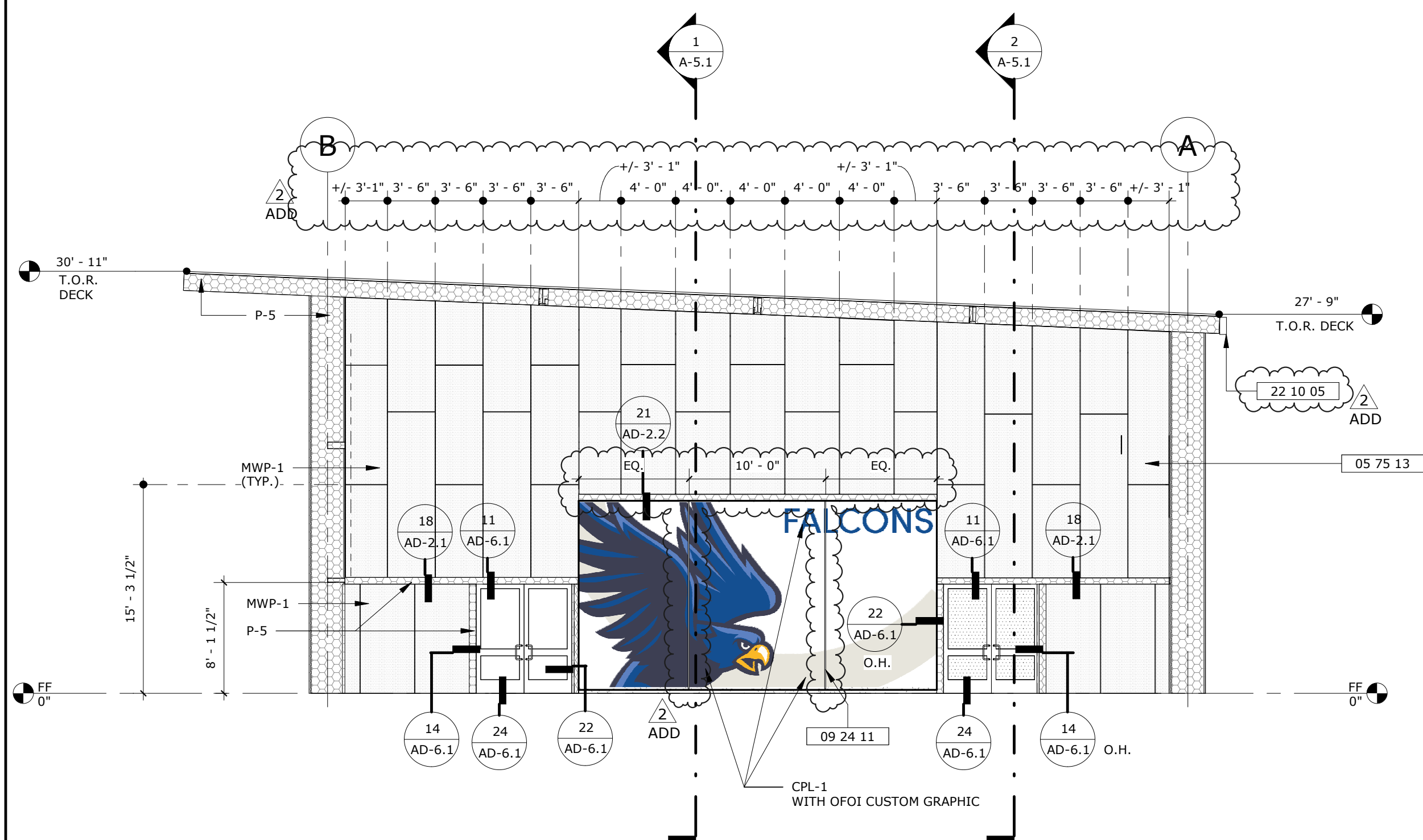
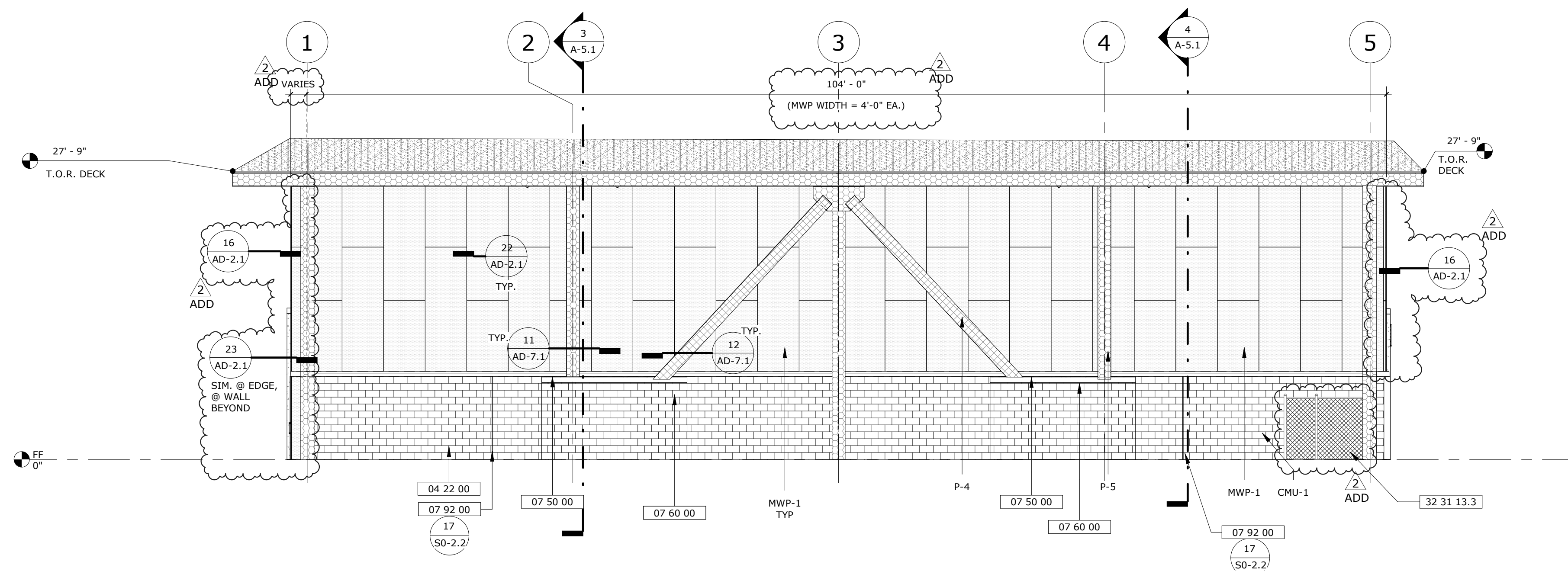
CONSULTANT BRANDING

GENERAL NOTES

1. SEE DETAIL  FOR TYPICAL EXTERIOR PLASTER REVEAL.
2. SEE DETAIL  FOR TYPICAL EXTERIOR PLASTER CORNER.

KEYNOTES

04 22 00 CONCRETE UNIT MASONRY
05 12 00 STRUCTURAL STEEL FRAMING
05 40 01 METAL STUD FRAMING
05 75 13 DECORATIVE METAL PANEL SYSTEM
07 50 00 MEMBRANE ROOFING
07 60 00 FLASHING AND SHEET METAL
07 92 00 JOINT SEALANT
09 24 00 CEMENT PLASTERING
09 24 01 CEMENT PLASTER JOINT
10 14 29 14 BUILDING IDENTIFICATION SIGNAGE
12 05 00 GUTTERS AND DOWNSPOUTS
12 31 13.3 FENCE & GATE FOR FIRE RISER SYS., SEE FIRE PROTECTION DWG.



WEST ELEVATION

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

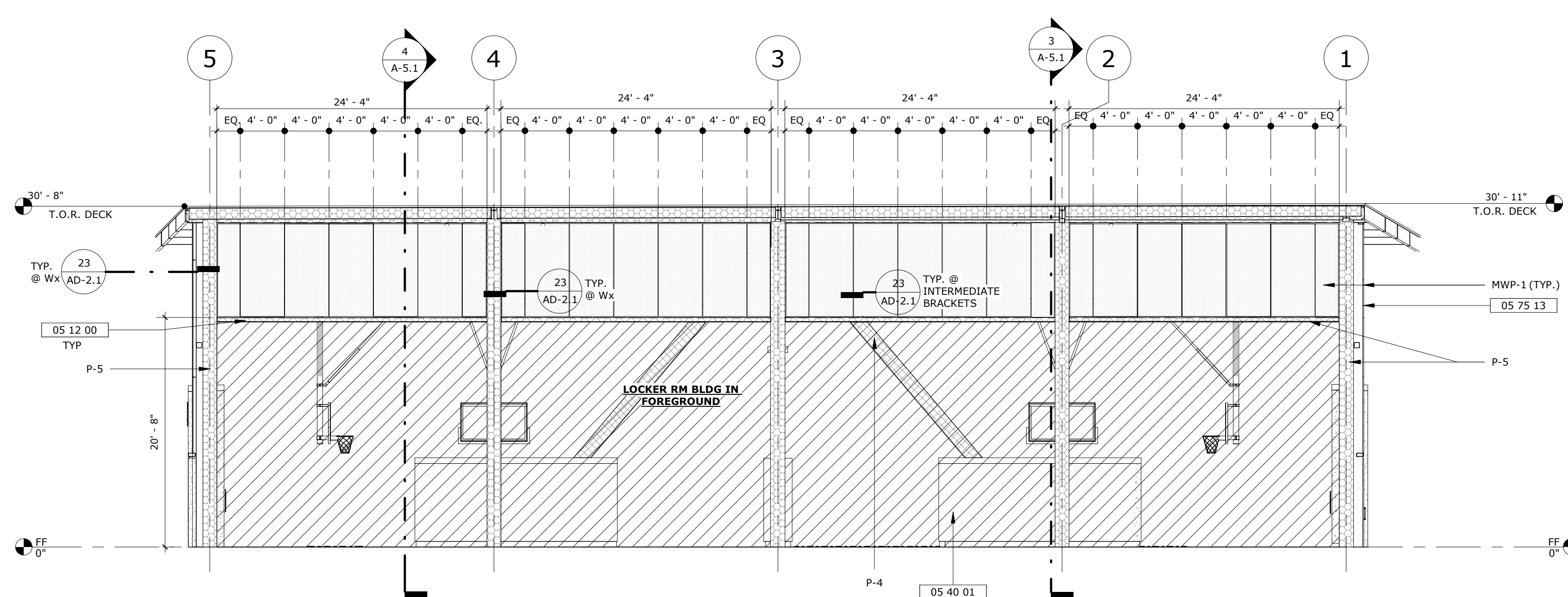
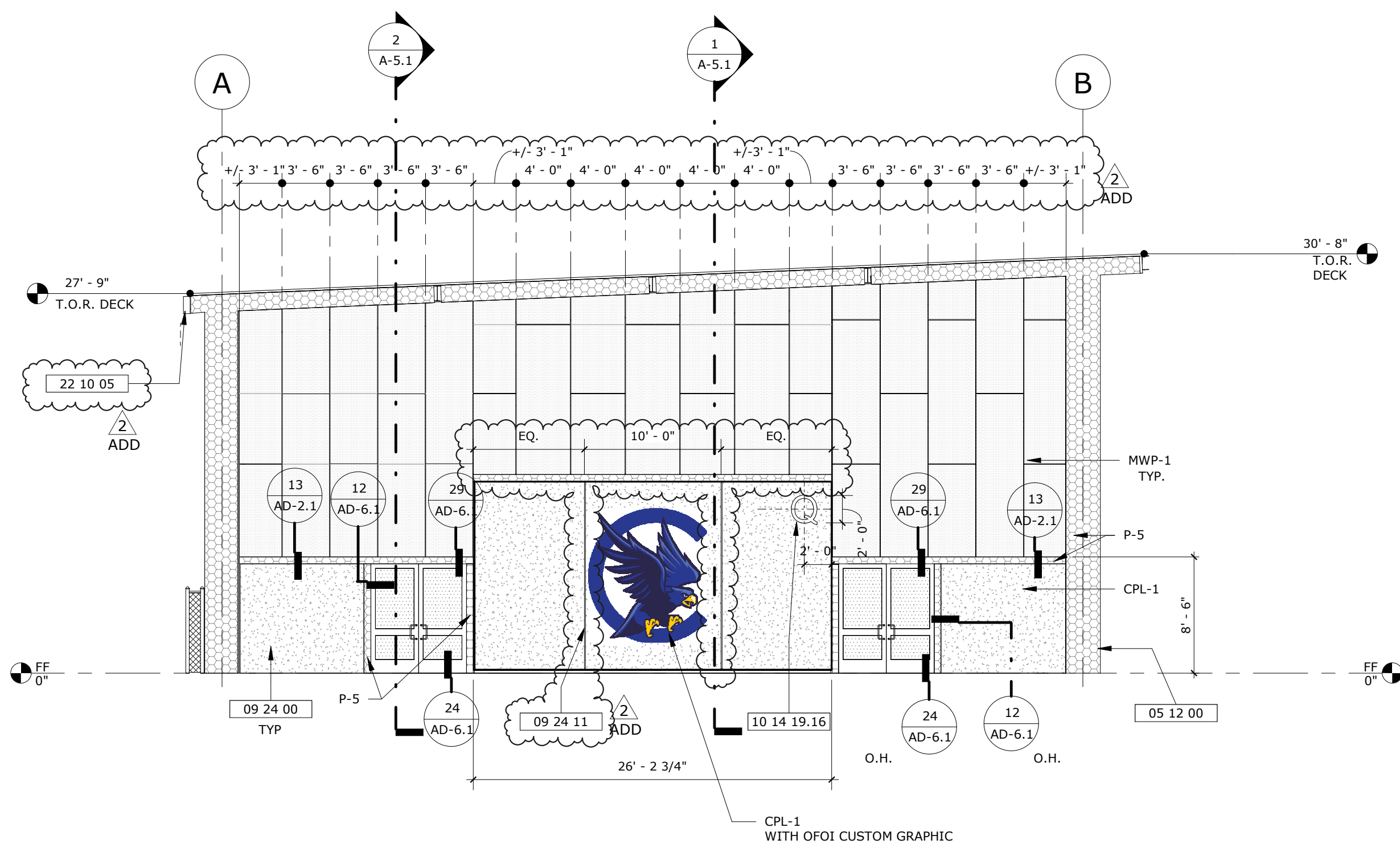
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NORTH ELEVATION

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

1

EXTERIOR ELEVATIONS LEGEND



SOUTH ELEVATION

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

3

EAST ELEVATION

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

CON BUILDING ELEVATIONS

A-4.1

PROJECT No. :1-15-112
12/9/2025 4:28:45 PM

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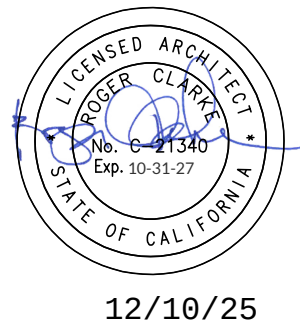
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**COLTON MIDDLE SCHOOL PAVILION
BUILDING ADDITION**

670 W. LAUREL ST, COLTON, CA 92324
COLTON JOINT UNIFIED SCHOOL DISTRICT



AGENCY APPROVAL
FID No. 36-94 4/104-123039

STAMPS

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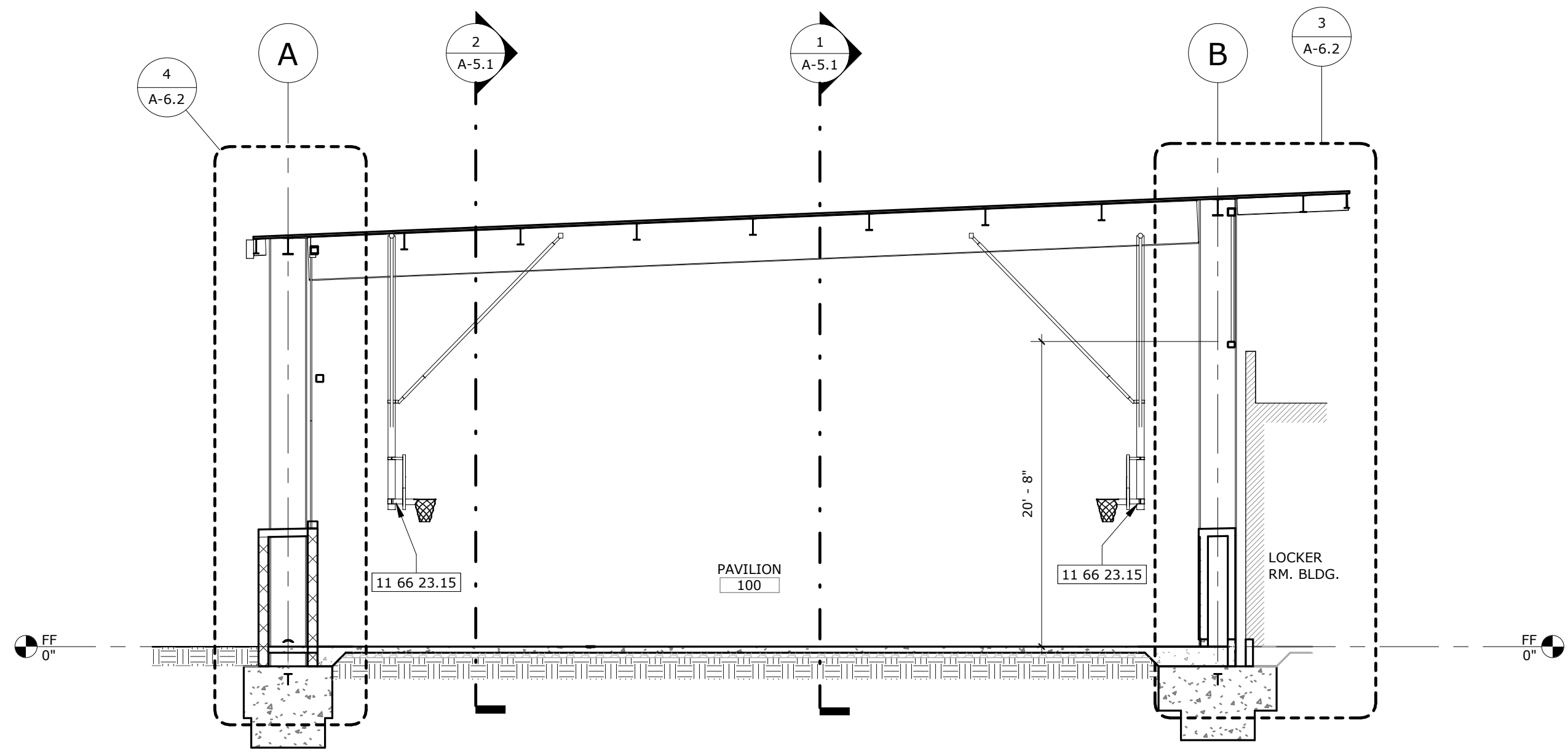
CONSULTANT BRANDING

GENERAL NOTES

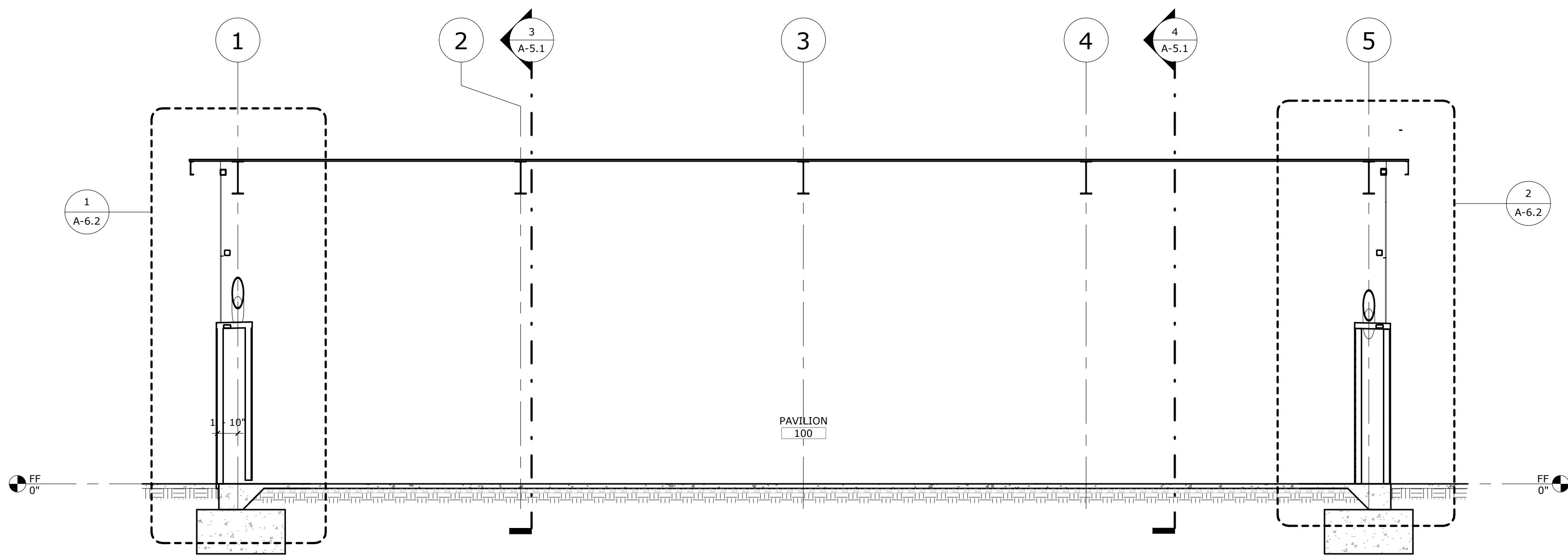
- SLAB ON GRADE: 0'-0" = GLOBAL ELEVATION: 1048.50'
- ALL EXPOSED STRUCTURE, INCLUDING MECHANICAL & PLUMBING EQUIPMENT TO BE PAINTED

KEYNOTES

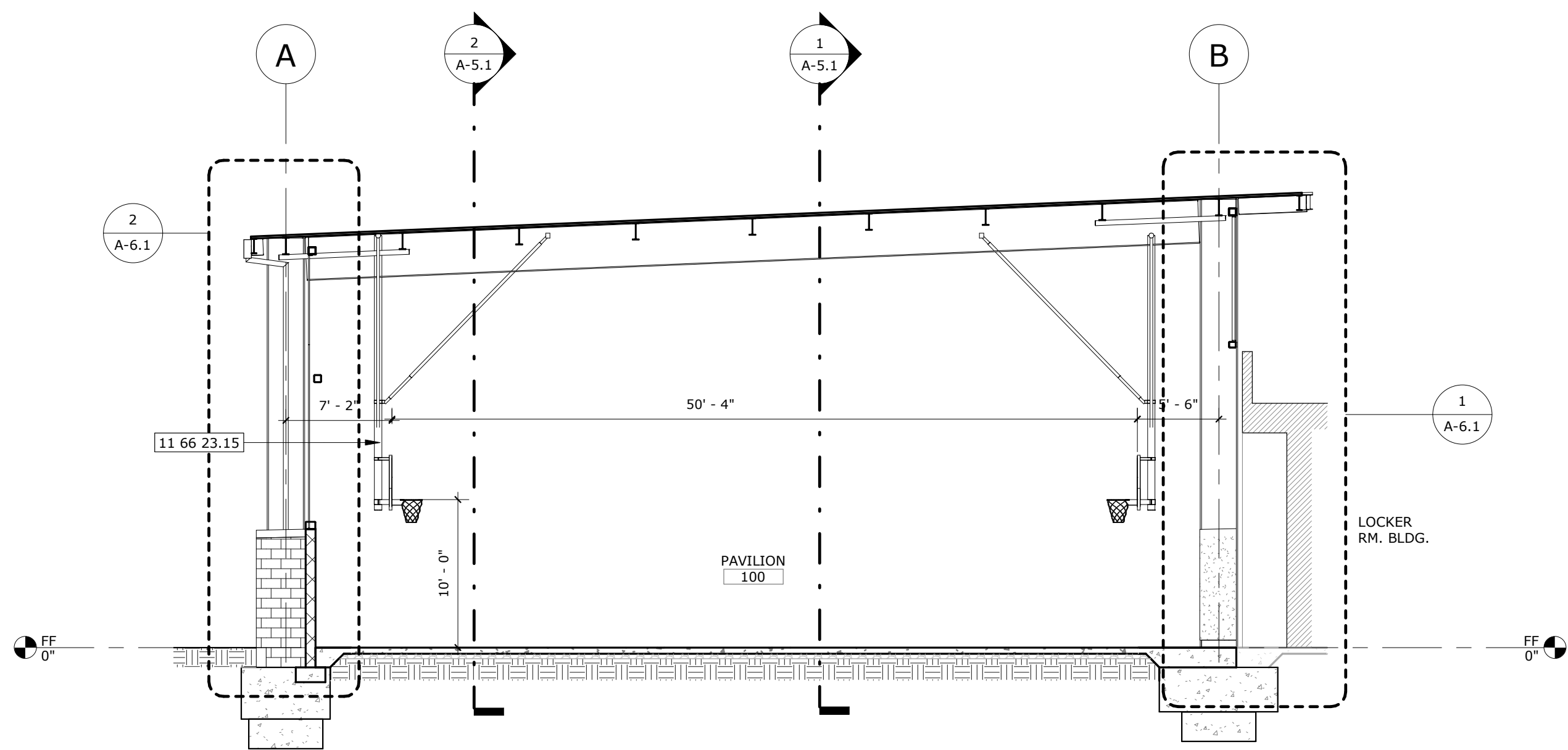
- | | |
|-------------|--|
| 11 66 23.14 | FOLDING BASKETBALL BACKSTOP EQUIPMENT |
| 11 66 23.15 | STATIONARY BASKETBALL BACKSTOP EQUIPMENT |



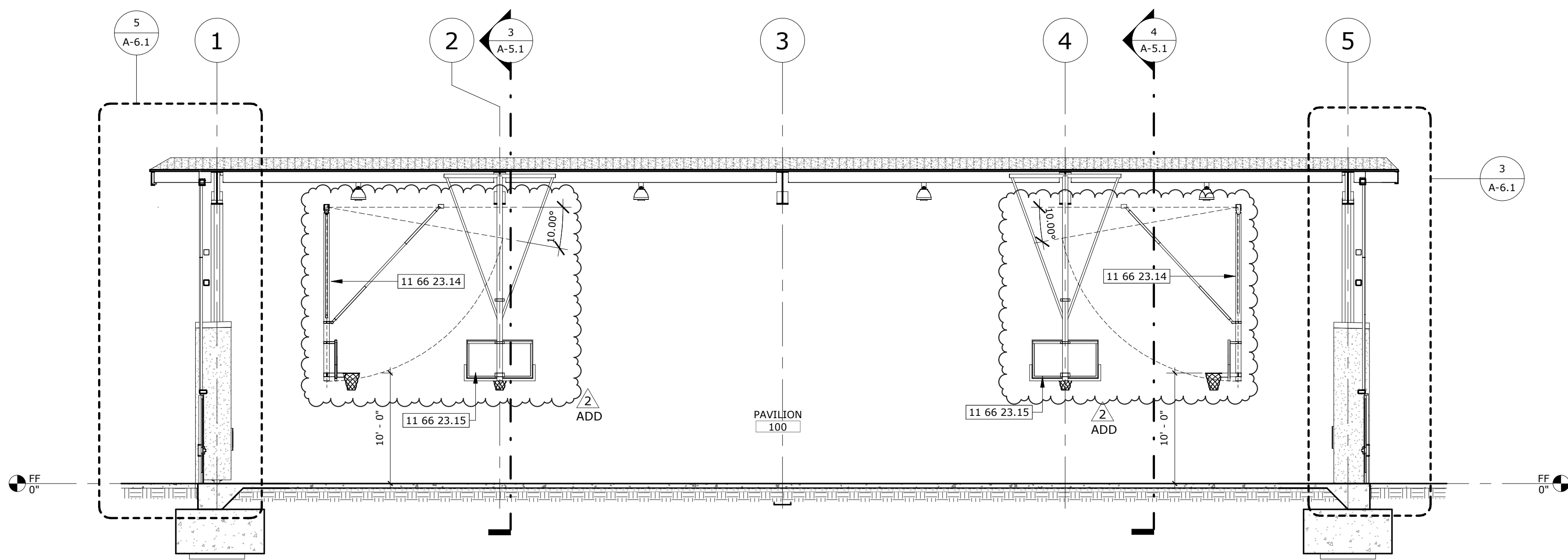
EAST-WEST BUILDING SECTION SCALE: 1/8" = 1'-0" 3



NORTH-SOUTH BUILDING SECTION SCALE: 1/8" = 1'-0" 1



EAST-WEST BUILDING SECTION SCALE: 1/8" = 1'-0" 4



NORTH-SOUTH BUILDING SECTION SCALE: 1/8" = 1'-0" 2

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DELTA # 0		ADD	ADD	REV

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COLTON MIDDLE SCHOOL PAVILION
BUILDING ADDITION

670 W. LAUREL ST, COLTON, CA 92324
COLTON JOINT UNIFIED SCHOOL DISTRICT

BUILDING SECTIONS

A-5.1



STAMPS

12/10/25

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CONSULTANT BRANDING

GENERAL NOTES

1. SLAB ON GRADE: 0'-0" = GLOBAL ELEVATION: 1048.50'
2. ALL EXPOSED STRUCTURE, INCLUDING MECHANICAL & PLUMBING EQUIPMENT TO BE PAINTED

KEYNOTES

03 30 00	CAST-IN-PLACE CONCRETE
04 22 00	CONCRETE UNIT MASONRY
05 34 00	ACOUSTICAL METAL DECKING
05 75 13	DECORATIVE METAL PANEL SYSTEM
07 54 00	THERMOPLASTIC MEMBRANE ROOF
08 10 00	DOOR AND FRAME, PER SCHED.
09 24 00	CEMENT PLASTERING
09 91 23.1	FLOOR FINISH, PER FINISH SCHED.
22 10 05	SUPPLY AND INSTALL BOSS BRACKETS



SCALE:
1/2" = 1'-0"

5



SCALE:
1/2" = 1'-0"

3



SCALE:
1/2" = 1'-0"

2



SCALE:
 $1/2'' = 1'-0''$

1

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12/9/2025 3:41:31 PM

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**COLTON MIDDLE SCHOOL PAVILION
BUILDING ADDITION**

670 W. LAUREL ST, COLTON, CA 92324
COLTON JOINT UNIFIED SCHOOL DISTRICT

WALL SECTIONS

A-6.1

COLTON MIDDLE SCHOOL PAVILION BUILDING ADDITION: ADDENDUM 02 - 12/10/2025

1-15-117



12/10/25

STAMPS

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CONSULTANT BRANDING

GENERAL NOTES

1. SLAB ON GRADE: 0'-0" = GLOBAL ELEVATION: 1048.50'
2. ALL EXPOSED STRUCTURE, INCLUDING MECHANICAL & PLUMBING EQUIPMENT TO BE PAINTED

KEYNOTES

03 30 00	CAST-IN-PLACE CONCRETE
04 22 00	CONCRETE UNIT MASONRY
05 10 02	STRUCTURAL BRACE FRAME PER STRUCTURAL DWGS
05 34 00	ACQUANTAL METAL SHECKING
05 40 01	METAL STUD FRAMING
05 75 13	DECORATIVE METAL PANEL SYSTEM
07 54 00	THERMOPLASTIC MEMBRANE ROOF
09 24 00	CEMENT PLASTERING
09 65 66	RESILIENT ATHLETIC FLOORING
22 10 05	GUTTER & DOWNSPOUT ROOF DRAIN SYS.



SCALE:
1/2" = 1'-0"

4



SCALE:
1/2" = 1'-0"

3



SCALE:
1/2" = 1'-0"

2



SCALE:
1/2" = 1'-0"

1

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**COLTON MIDDLE SCHOOL PAVILION
BUILDING ADDITION**

670 W. LAUREL ST, COLTON, CA 92324
COLTON JOINT UNIFIED SCHOOL DISTRICT

WALL SECTIONS

A-6.2

COLTON MIDDLE SCHOOL PAVILION BUILDING ADDITION: ADDENDUM 02 - 12/10/2025

1.15.117



12/10/25

STAMPS

RUHNAU
CLARKE
ARCHITECTS

GENERAL NOTES

1. VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION
2. ALL DIMENSIONS ARE FACE OF STUDS, CENTERLINE OR COLUMN OR EDGE OF SLAB, U.N.O.
3. PROVIDED STUD BRACING AND SUPPORT FOR ALL WALL MOUNTED FIXTURES AND ACCESSORIES.
- PER DET. 5

KEYNOTES

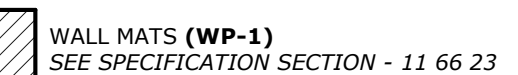
05 10 01	STRUCTURAL STEEL COLUMN PER STRUCTURAL DWGS.	
05 10 02	STRUCTURAL BRACE FRAME PER STRUCTURAL DWGS.	
05 12 00	STRUCTURAL STEEL FRAMING	
04 25 13	DECORATIVE METAL PANEL SYSTEM	
07 95 13	EXPANSION JOINT COVER ASSEMBLIES	2
09 24 00	CEMENT PLASTERING	ADD
09 24 11	CEMENT PLASTER JOINT	
10 44 00.1	RECESSED FIRE EXTINGUISHER CABINET	
11 66 23.53	WALL PAD	
27 05 00	PROJECTOR EQUIP. & LOCKABLE CAGE, PER TECHNOLOGY DWG. MOUNTED TO WALL COLUMN, SEE STRUCT. DWG.	

INTERIOR ELEVATION

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

1

INTERIOR ELEVATIONS LEGEND



NOTE:
REFER TO COLORS, MATERIALS AND FINISHES LEGEND FOR ADDITIONAL INFORMATION

INTERIOR ELEVATION SCALE: 1/4" = 1'-0" 2

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

2

PROJECT No. :1-15-112
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**COLTON MIDDLE SCHOOL PAVILION
BUILDING ADDITION**

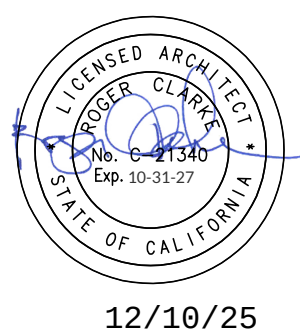
670 W. LAUREL ST, COLTON, CA 92324
COLTON JOINT UNIFIED SCHOOL DISTRICT

INTERIOR ELEVATIONS

A-7.1

COLTON MIDDLE SCHOOL PAVILION BUILDING ADDITION: ADDENDUM 02 - 12/10/2025

1-15-112



AGENCY APPROVAL
FIS 101: 36-94 3/104-123079

STAMPS

CONSULTANT BRANDING

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ARCHITECTS

GENERAL NOTES

- VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION
- ALL DIMENSIONS ARE FACE OF STUDS, CENTERLINE OR COLUMN OR EDGE OF SLAB, U.N.O.
- PROVIDED STUD BRACING AND SUPPORT FOR ALL WALL MOUNTED FIXTURES AND ACCESSORIES.
PER DET. 5
SD-2.7

KEYNOTES

05 12 00	STRUCTURAL STEEL FRAMING
07 92 00	JOINT SEALANT
09 24 00	CEMENT PLASTERING
09 24 11	CEMENT PLASTER JOINT
10 44 00.1	RECESSED FIRE EXTINGUISHER CABINET
11 52 15	BOTTOM OF PROJECTION SCREEN, WHEN IS FULLY DEPLOYED/IN-USE
11 66 23.53	WALL PAD
27 05 02	PROJECTION SCREEN & CASING, PER TECHNOLOGY DWG. SEE STRUCT. DTL. FOR HSS FRAMING SUPPORT

INTERIOR ELEVATION

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

3

INTERIOR ELEVATIONS LEGEND

	CONCRETE MASONRY UNIT WALL (CMU-1) SEE SPECIFICATION SECTION - 09 20 00
	DECORATIVE PERFORATED PANELS (MWP-1) SEE SPECIFICATION SECTION - 05 75 13
	CEMENT PLASTER (CPL-1) SEE SPECIFICATION SECTION - 09 24 00
	HIGH PERFORMANCE COATINGS (P-4) SEE SPECIFICATION SECTION - 09 96 00
	HIGH PERFORMANCE COATINGS (P-5) SEE SPECIFICATION SECTION - 09 96 00
	WALL MATS (WP-1) SEE SPECIFICATION SECTION - 11 66 23

NOTE:
REFER TO COLORS, MATERIALS AND FINISHES LEGEND FOR ADDITIONAL INFORMATION

INTERIOR ELEVATION

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

4

PROJECT No. :1-15-112
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DELTA # 2 DATE _____
DELTA # 3 DATE _____

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ADD ☐ AFO ☐ CDD ☐ REV

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COLTON MIDDLE SCHOOL PAVILION
BUILDING ADDITION

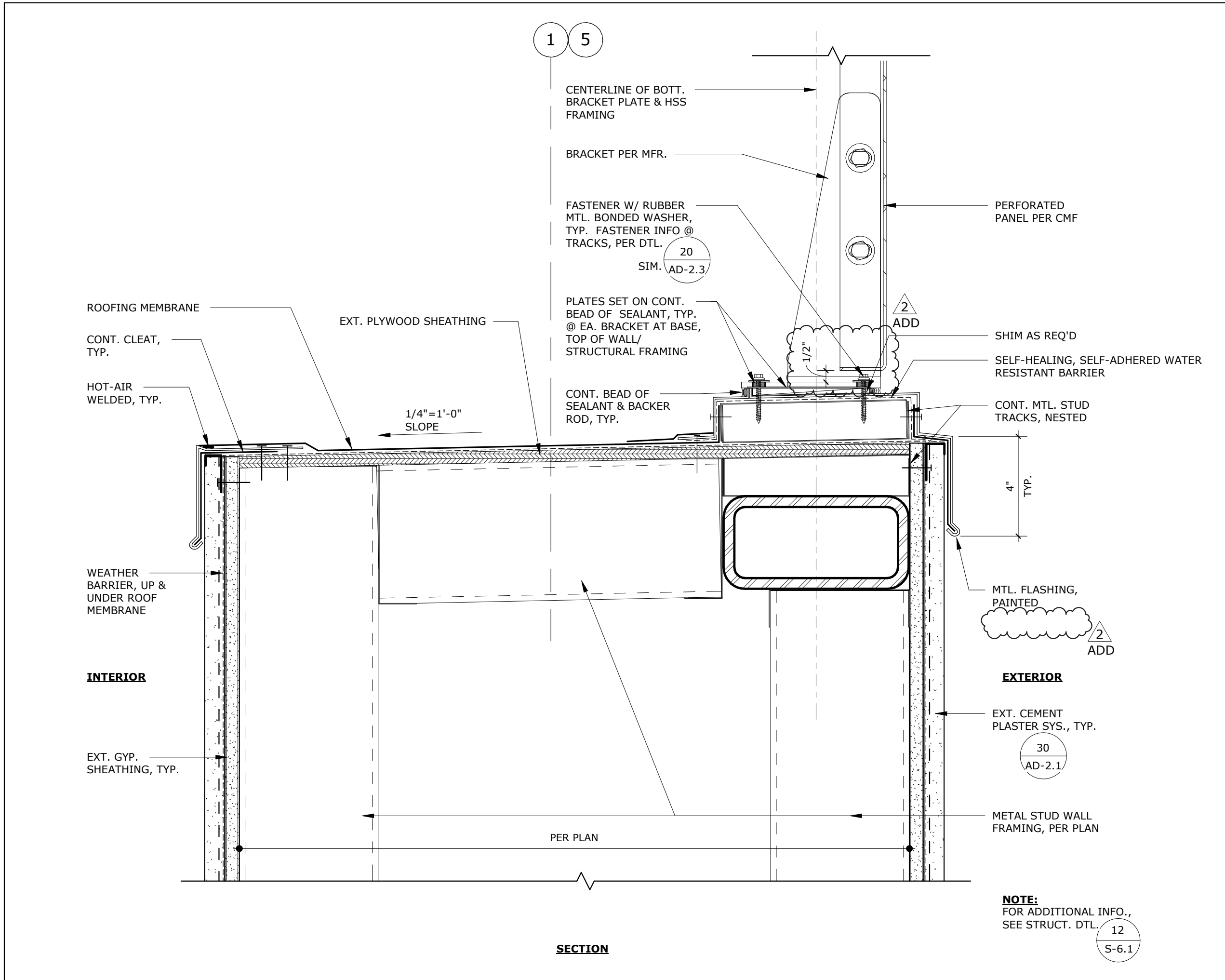
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COLTON JOINT UNIFIED SCHOOL DISTRICT

INTERIOR ELEVATIONS

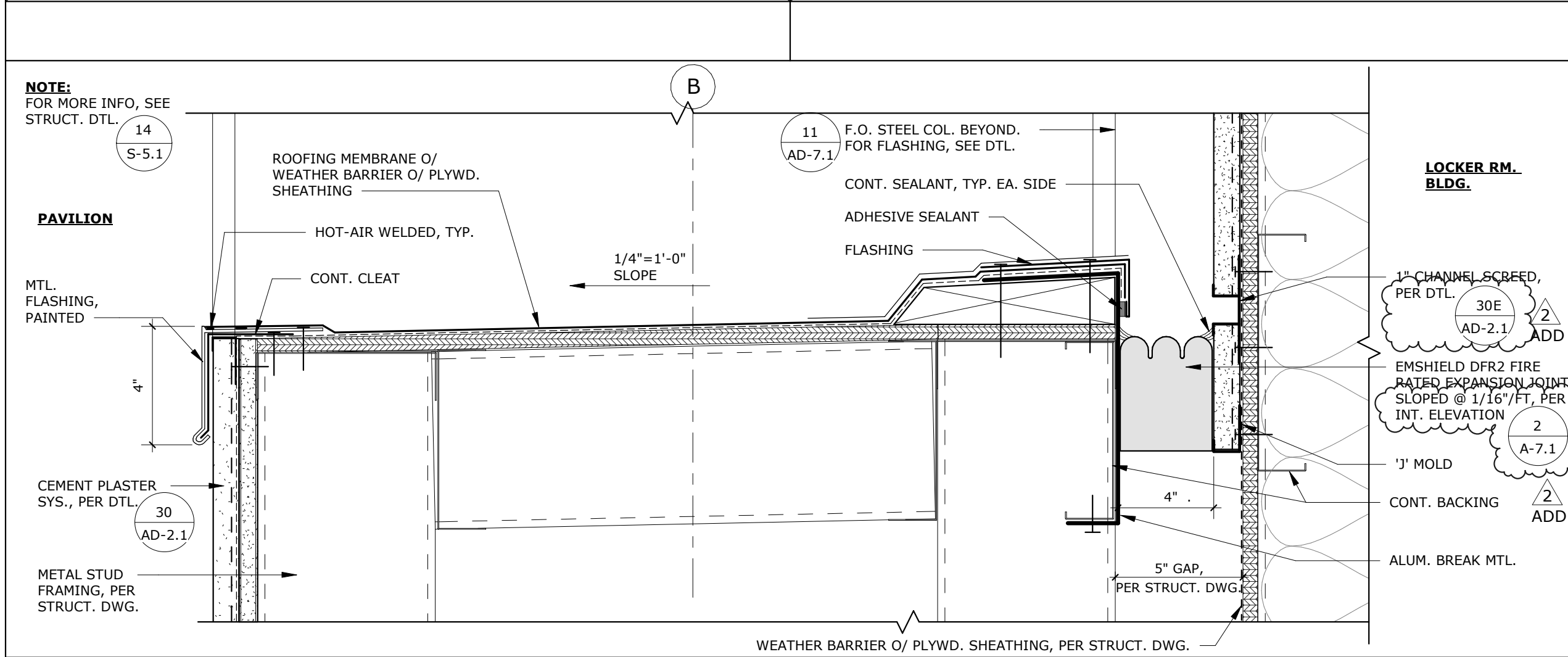
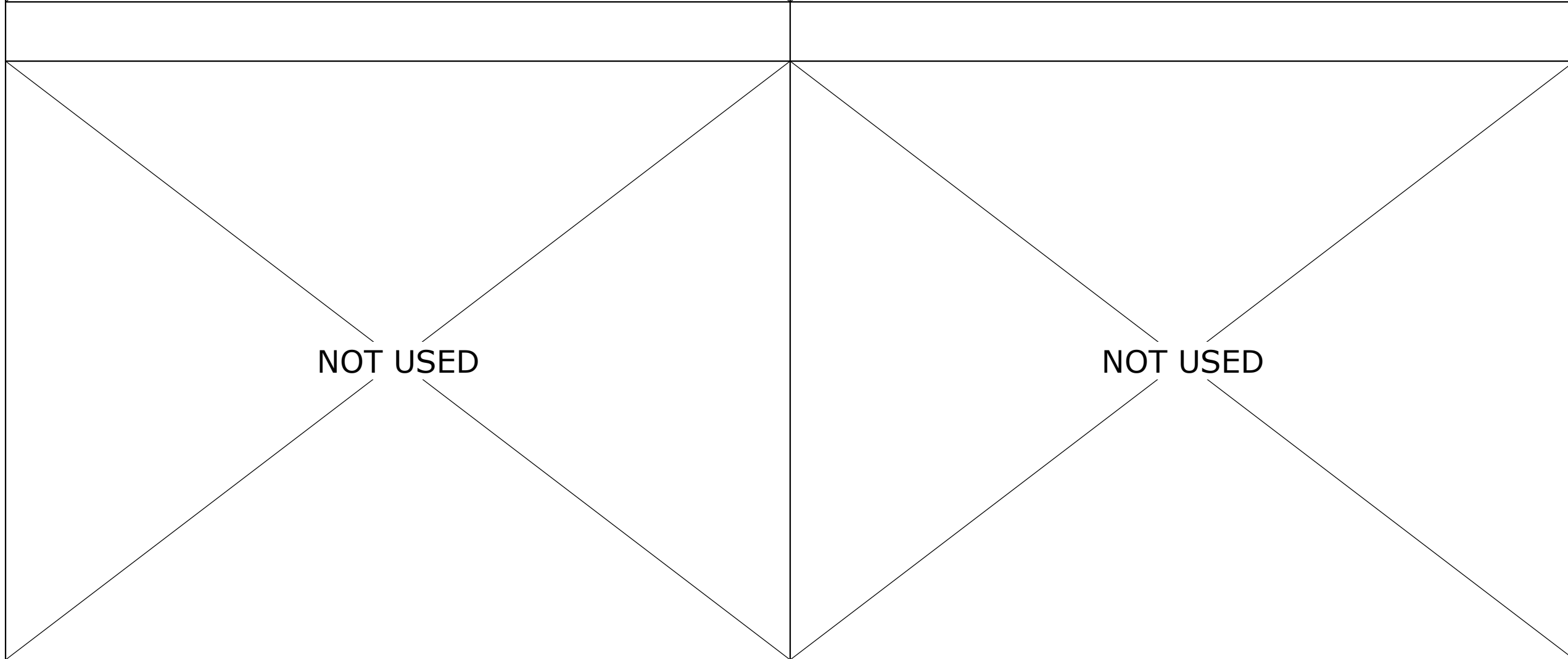
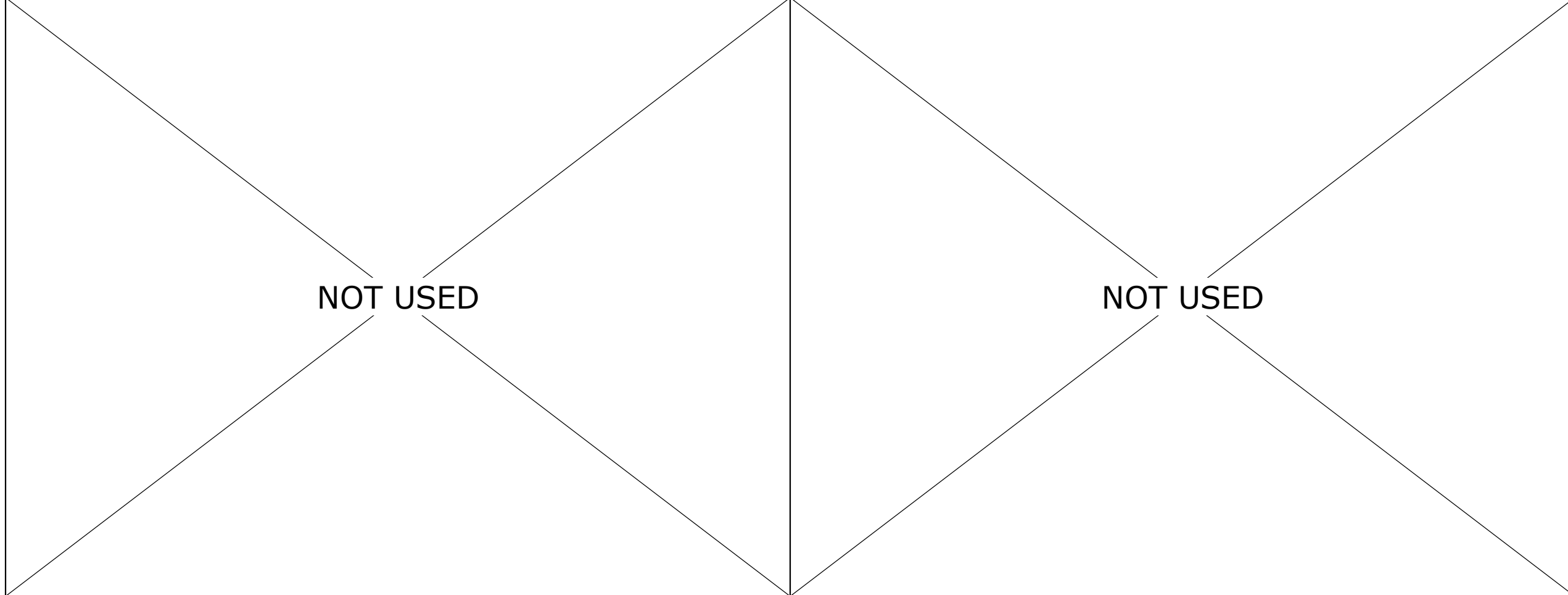
A-7.2

COLTON MIDDLE SCHOOL PAVILION BUILDING ADDITION: APPENDUM 02 - 12/10/2025

1-15-112

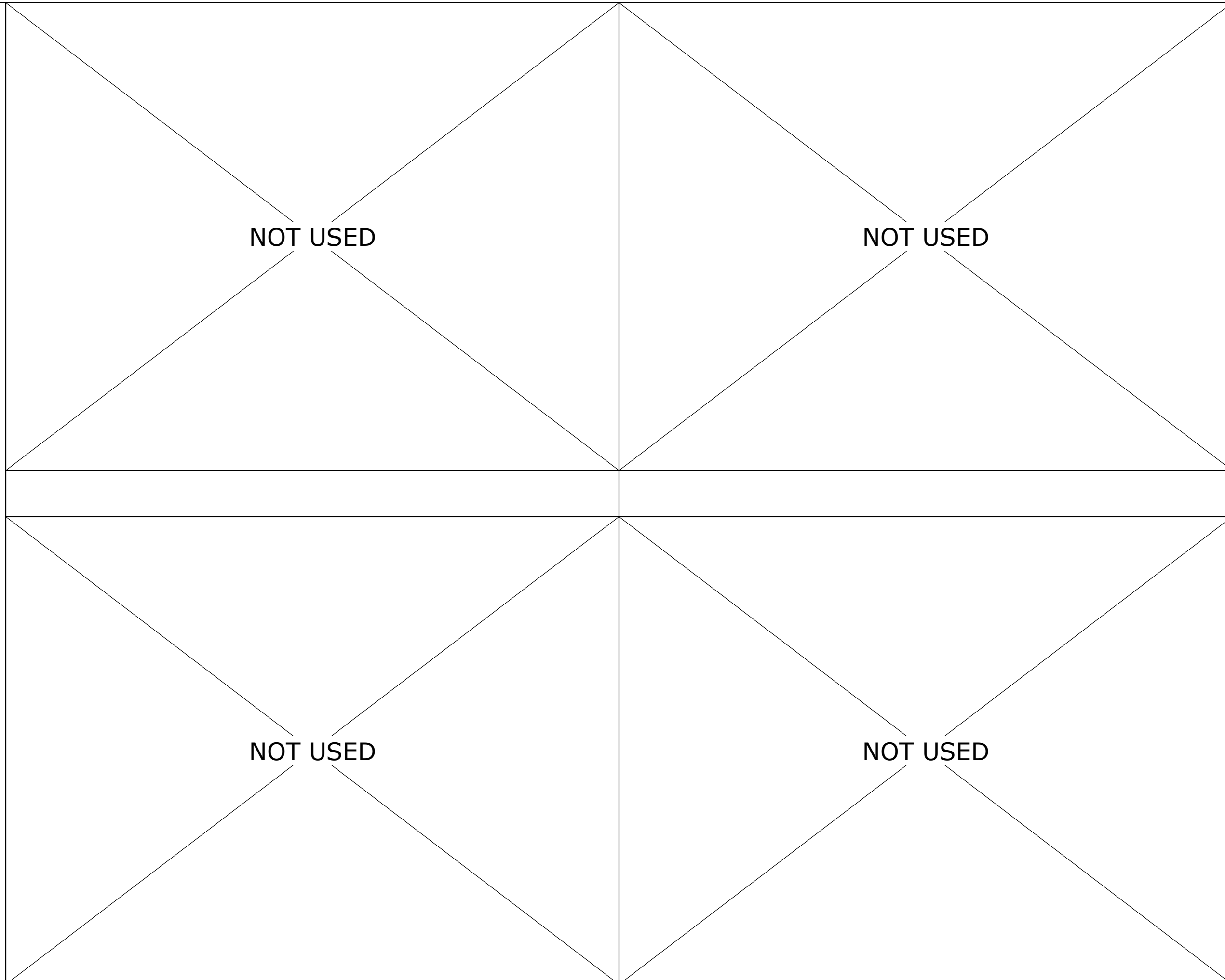


TOP OF WALL @ PLSTR. & MWP SCALE: 3" = 1'-0" 21

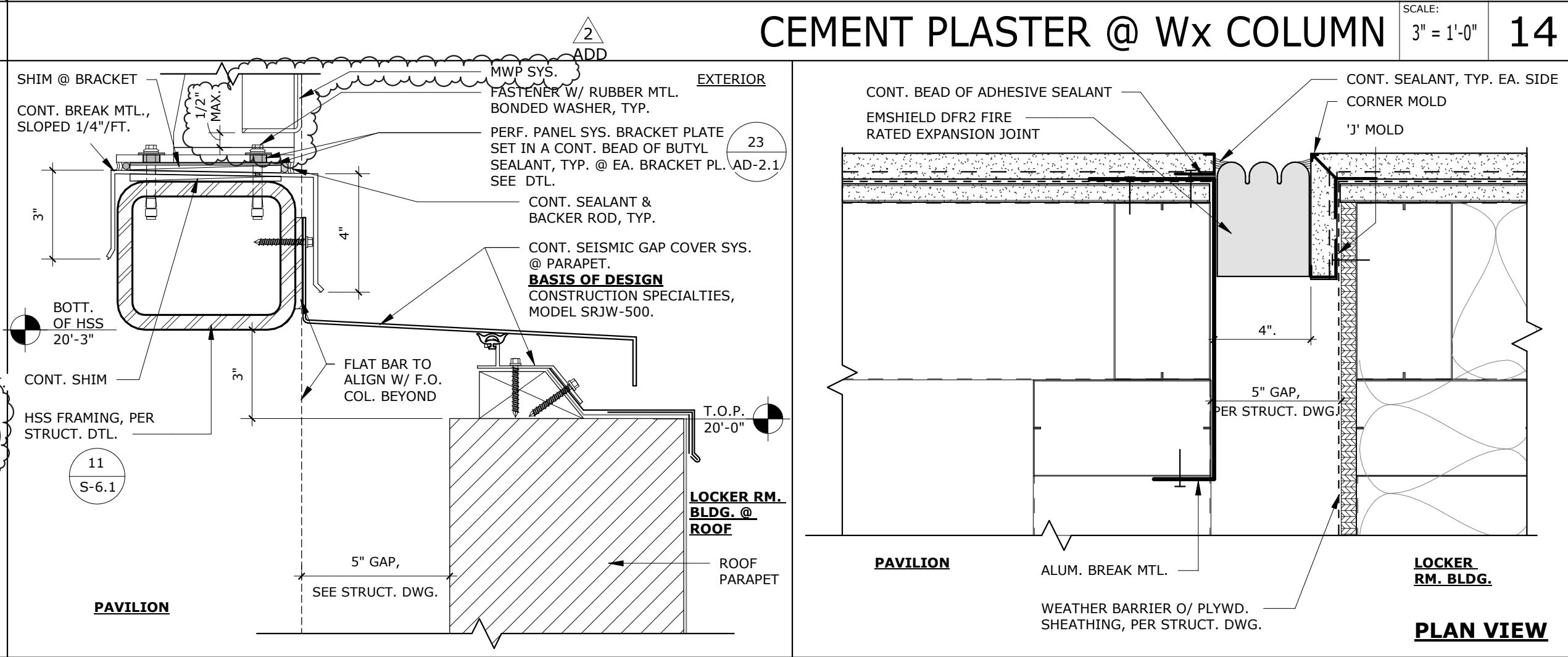
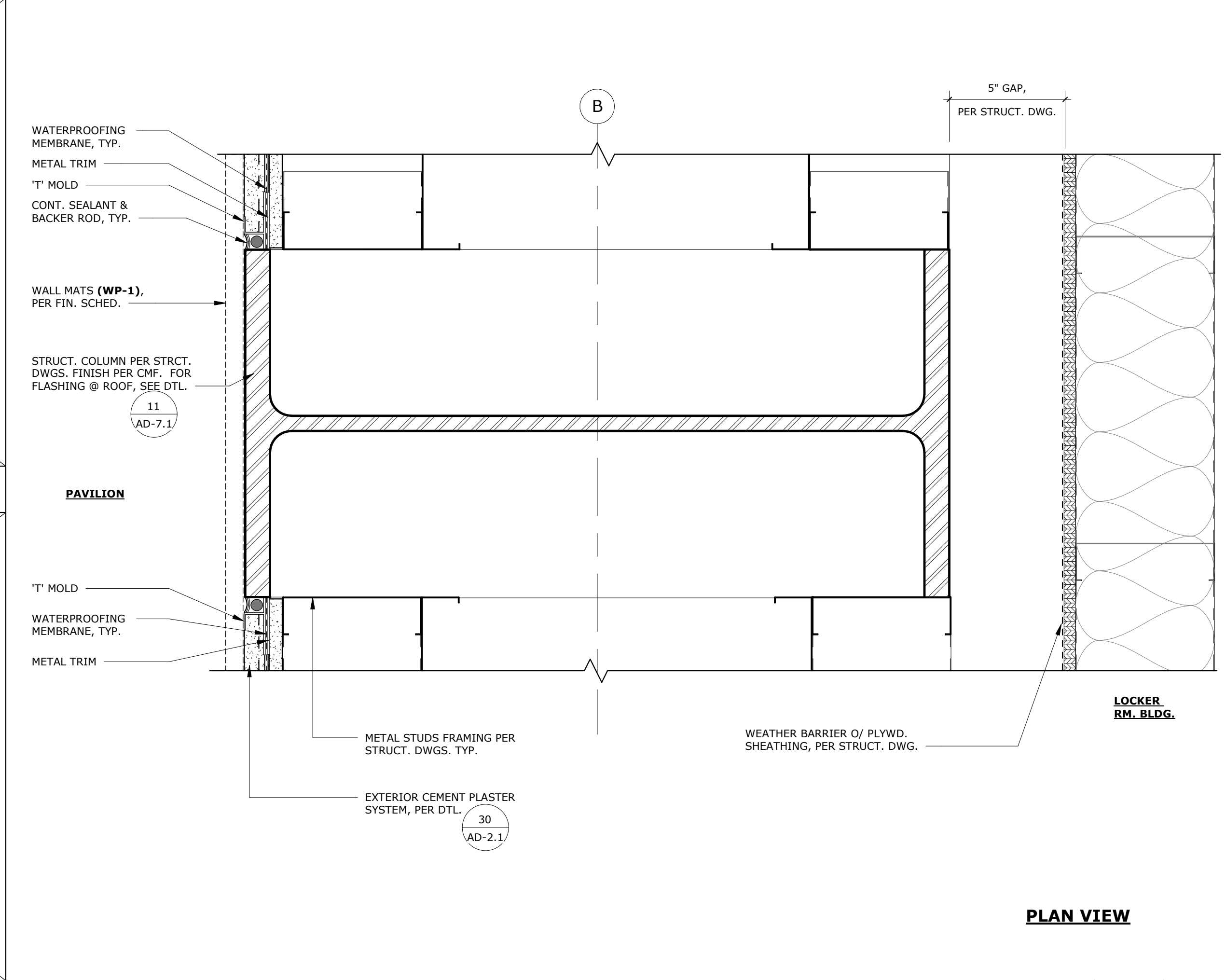


TOP OF WALL SEISMIC GAP COVER SCALE: 3" = 1'-0" 25

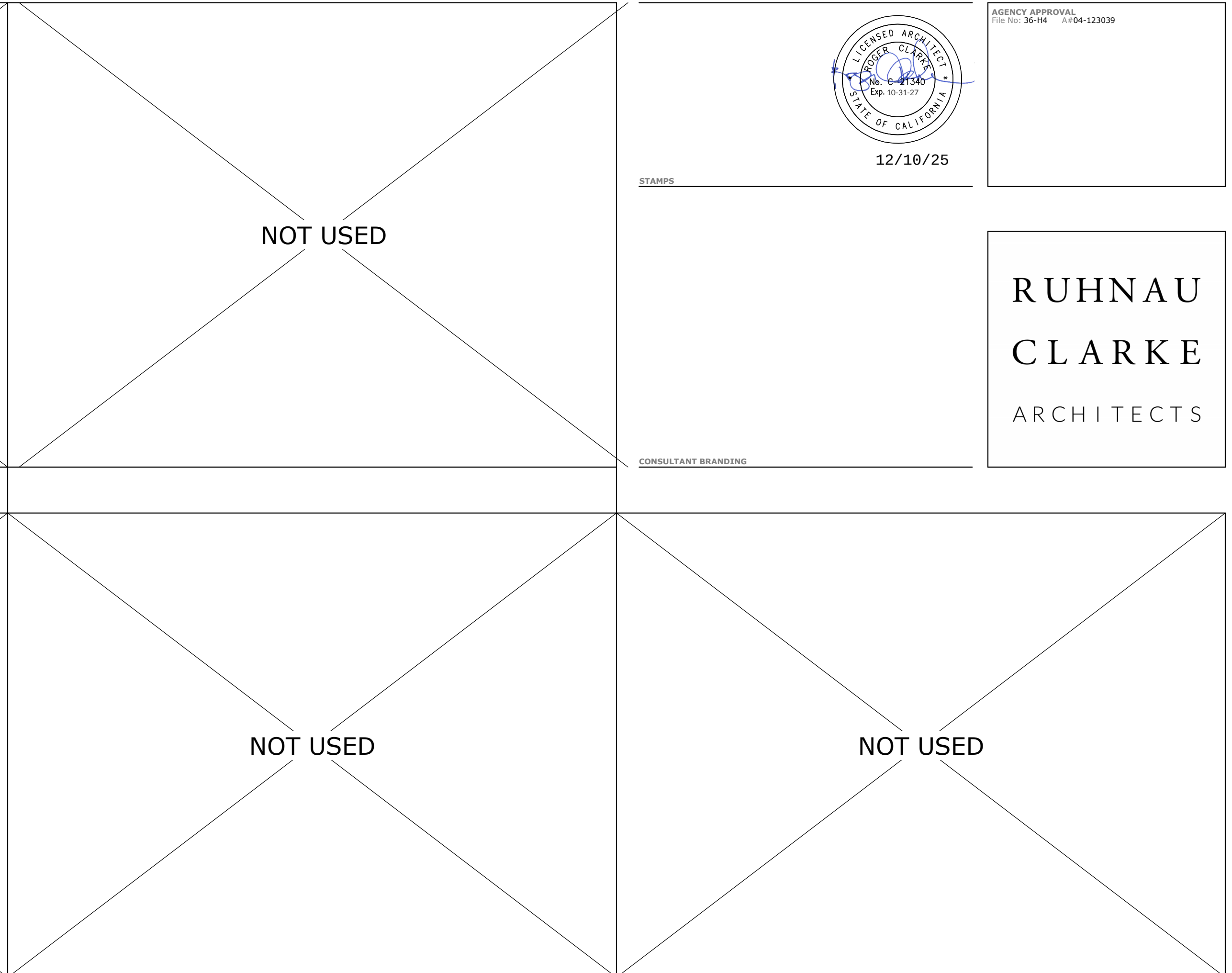
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DELTA # 3 DATE	[] ADD [] AFO [] COD [] REV



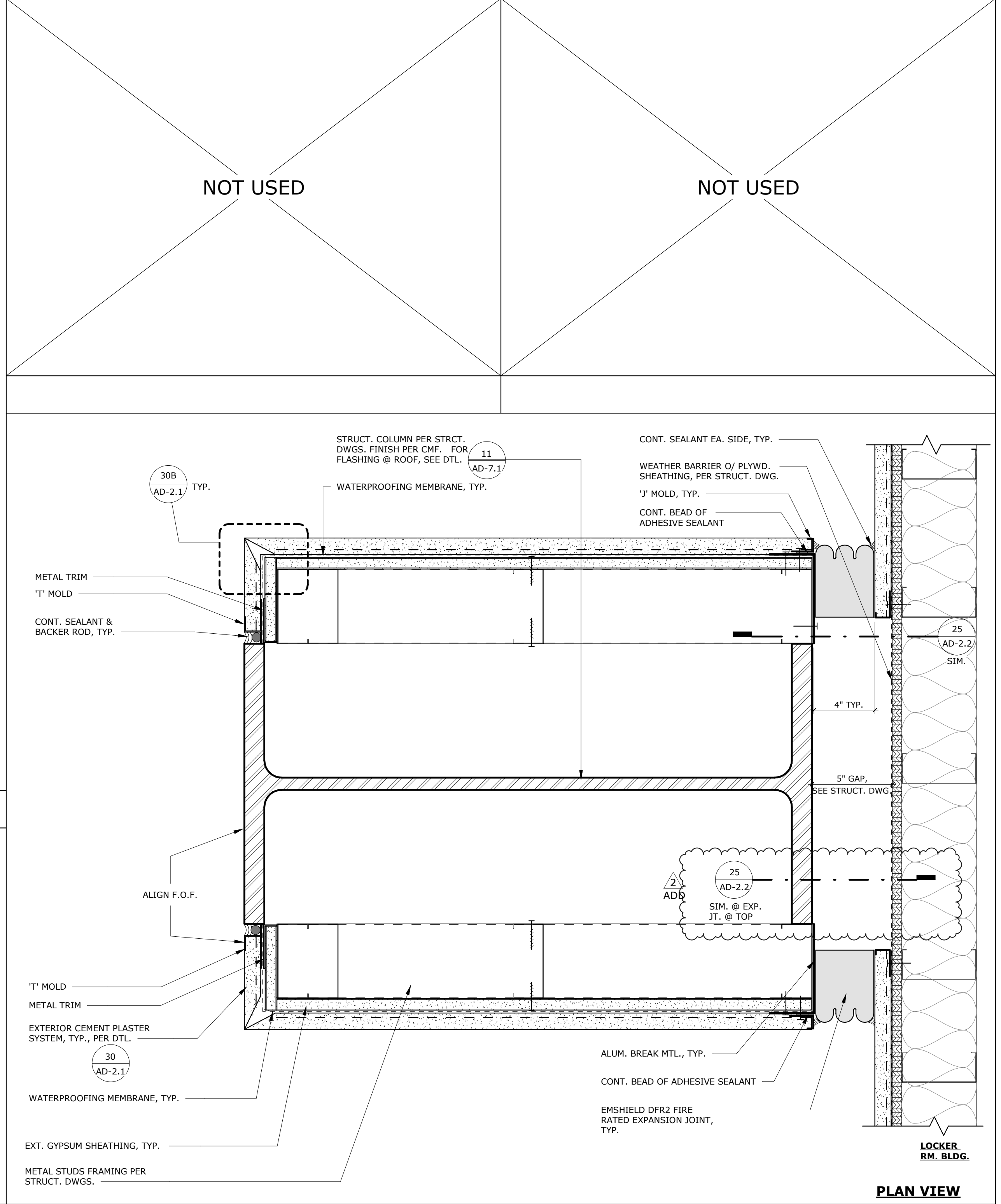
EXP. GAP COVER @ PARAPET SCALE: 3" = 1'-0" 20



EXPANSION GAP COVER DTL. SCALE: 3" = 1'-0" 15



CPL @ STEEL COLUMN SCALE: 3" = 1'-0" 4



CPL @ STEEL COLUMN SCALE: 3" = 1'-0" 4

COLTON MIDDLE SCHOOL PAVILION BUILDING ADDITION

WALL DETAILS

670 W. LAUREL ST, COLTON, CA 92324

COLTON JOINT UNIFIED SCHOOL DISTRICT

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AD-2.2

1-15-112

12/10/25

STAMPS

AGENCY APPROVAL

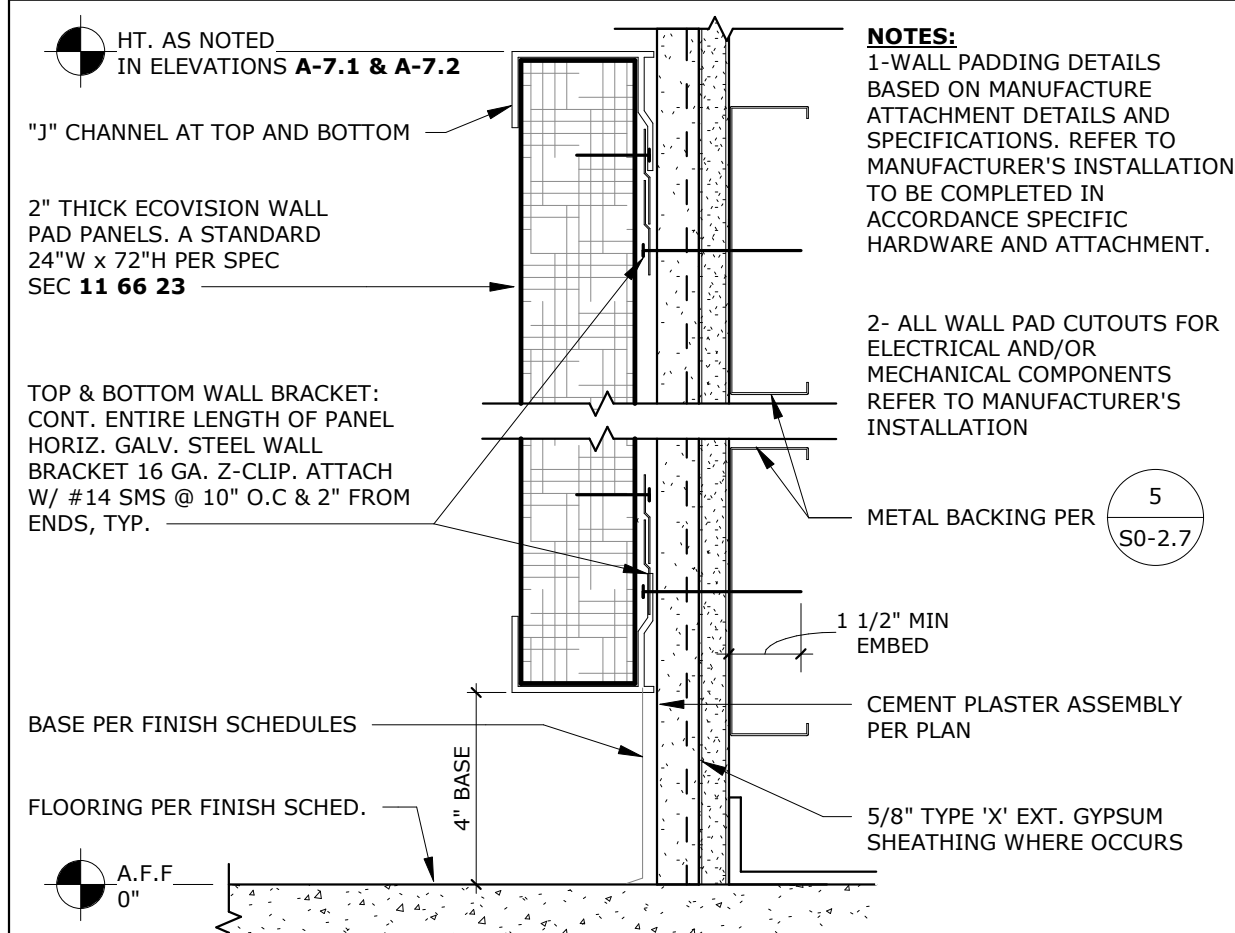
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CONSULTANT BRANDING

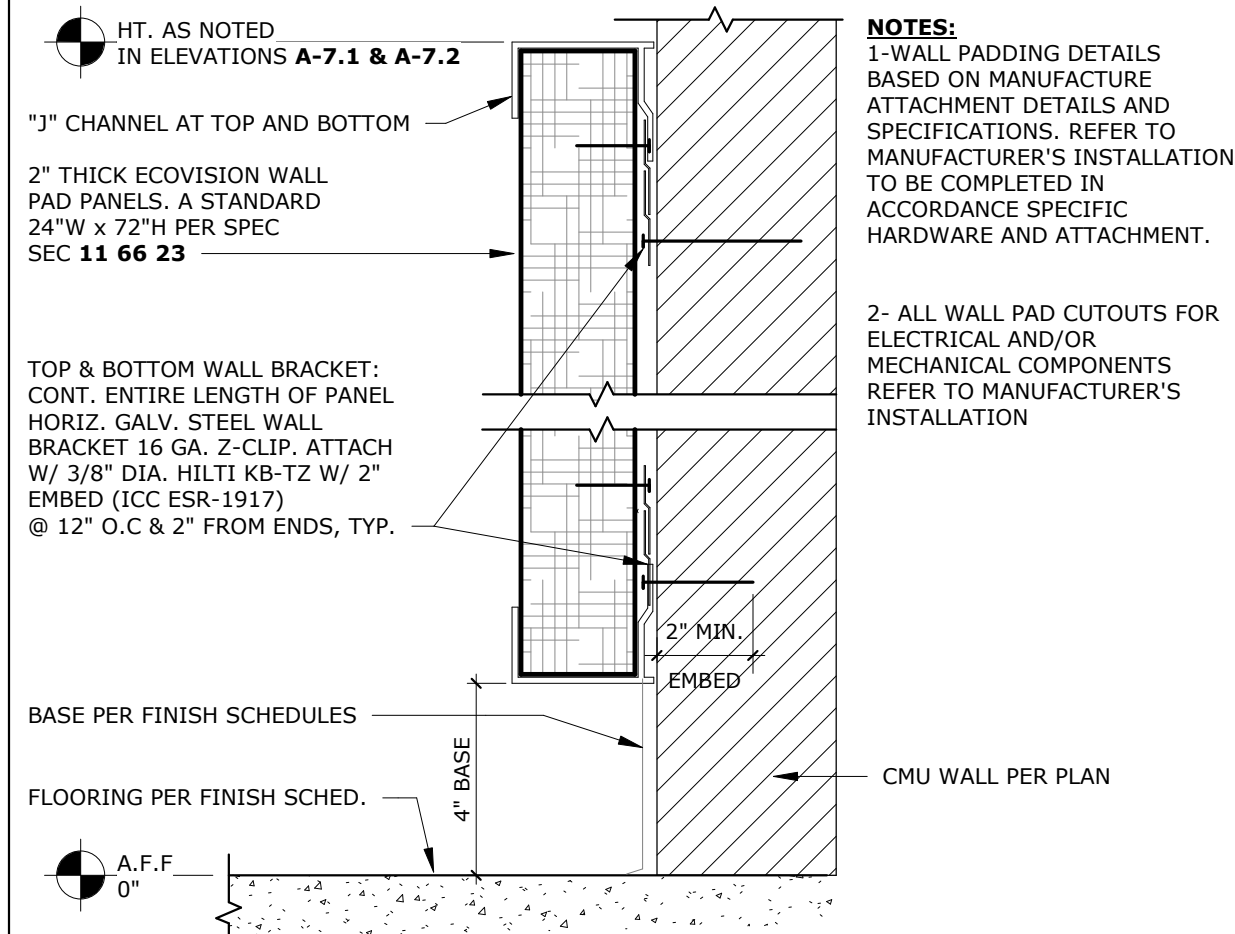
RUHNAU

CLARKE

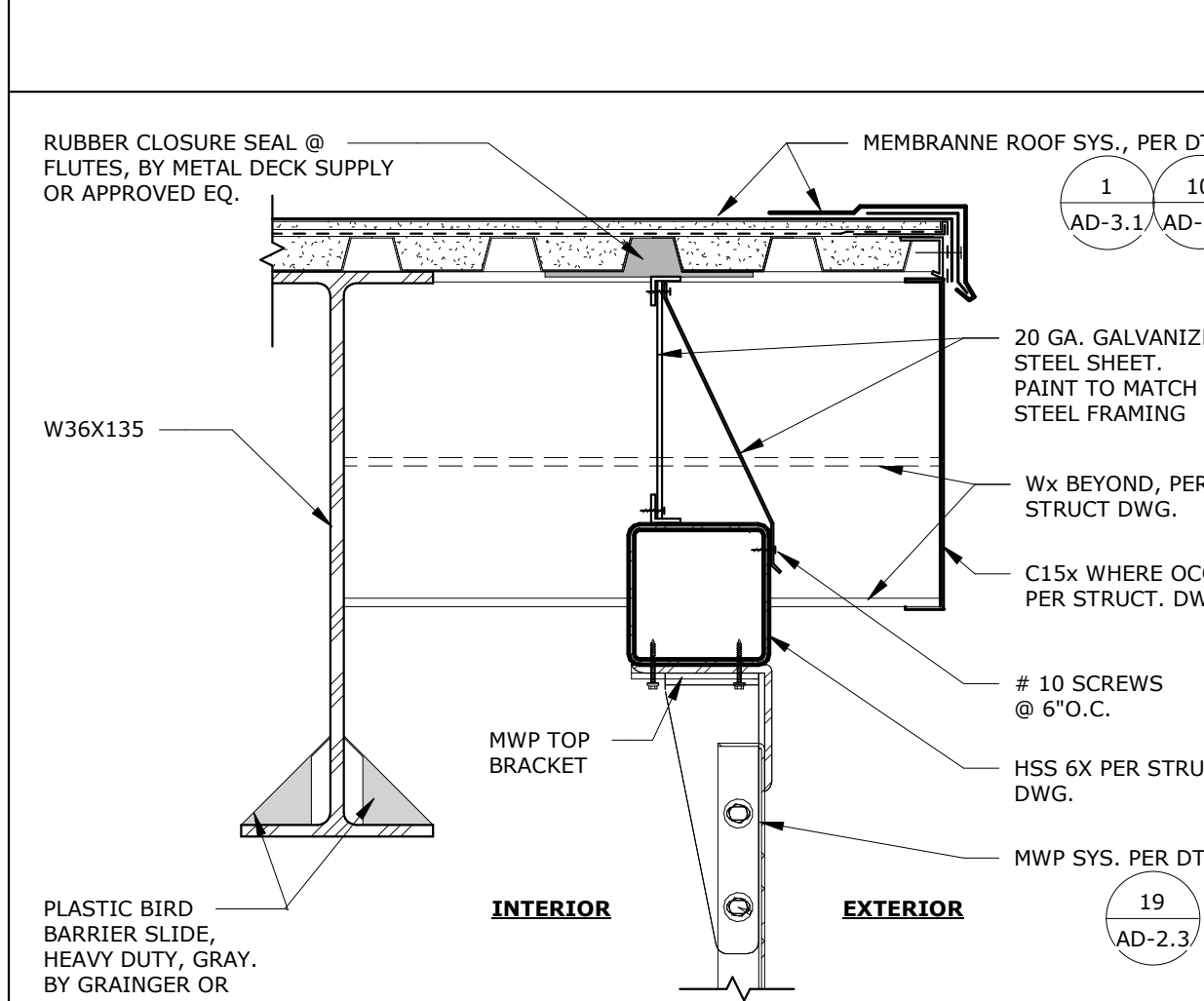
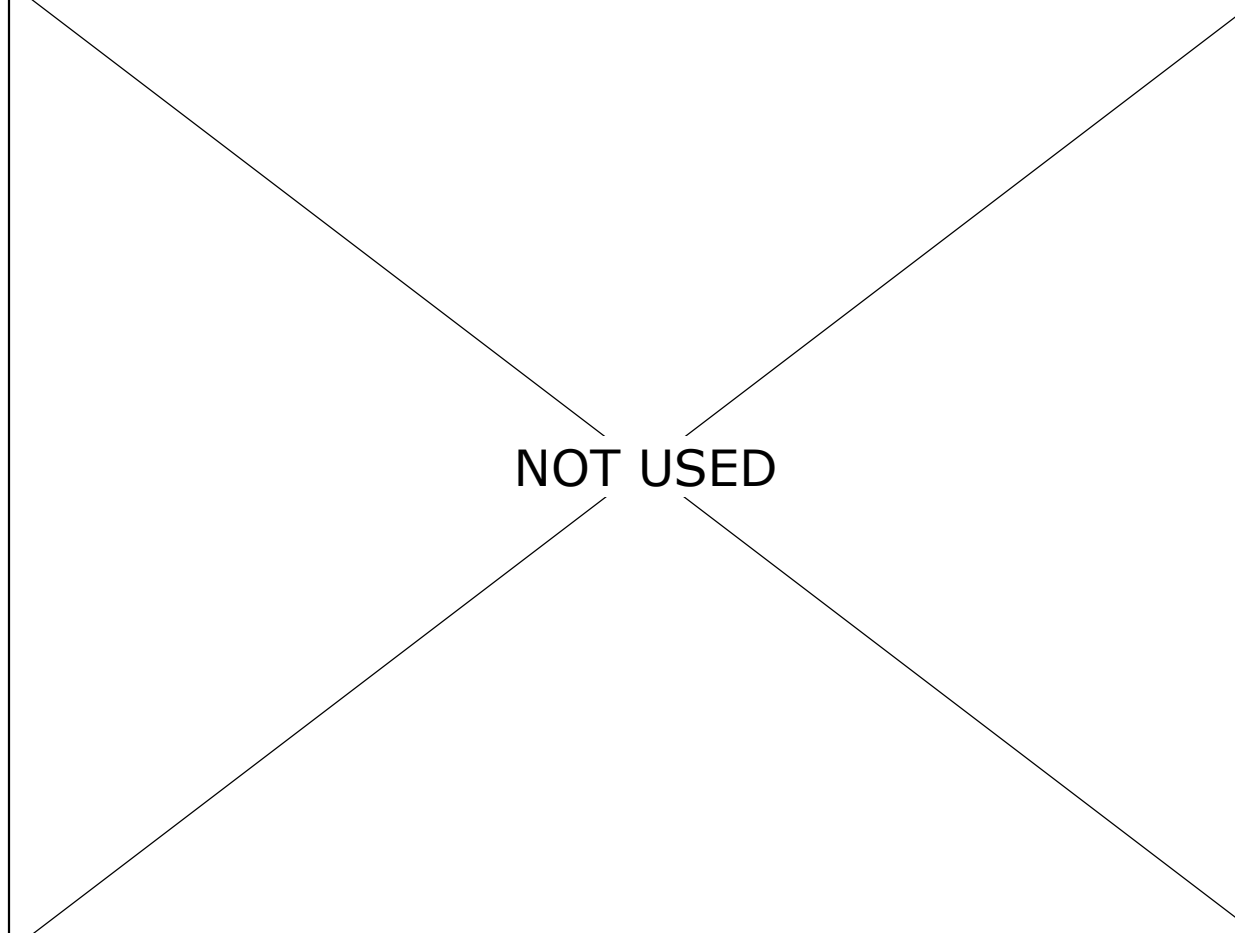
ARCHITECTS



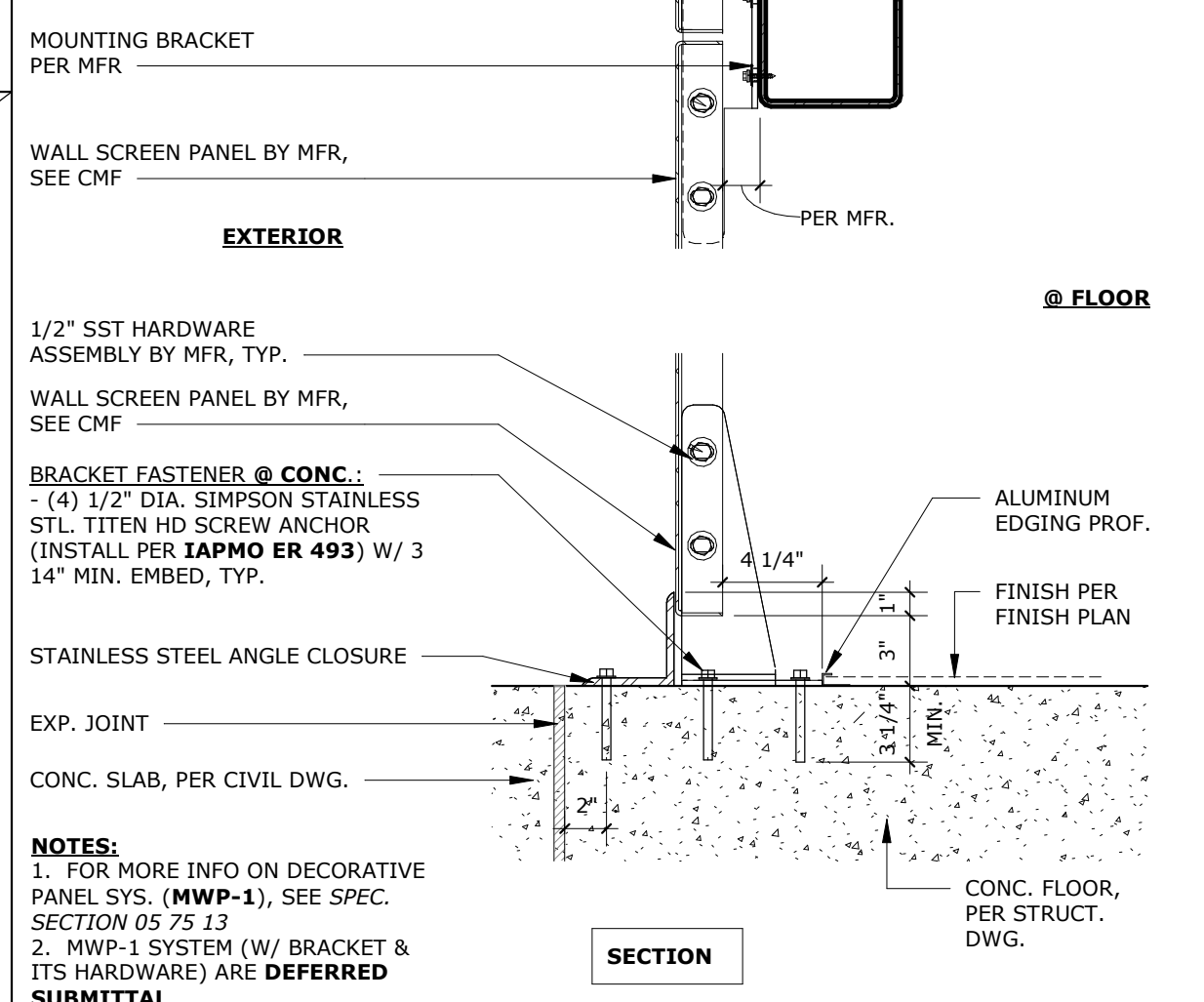
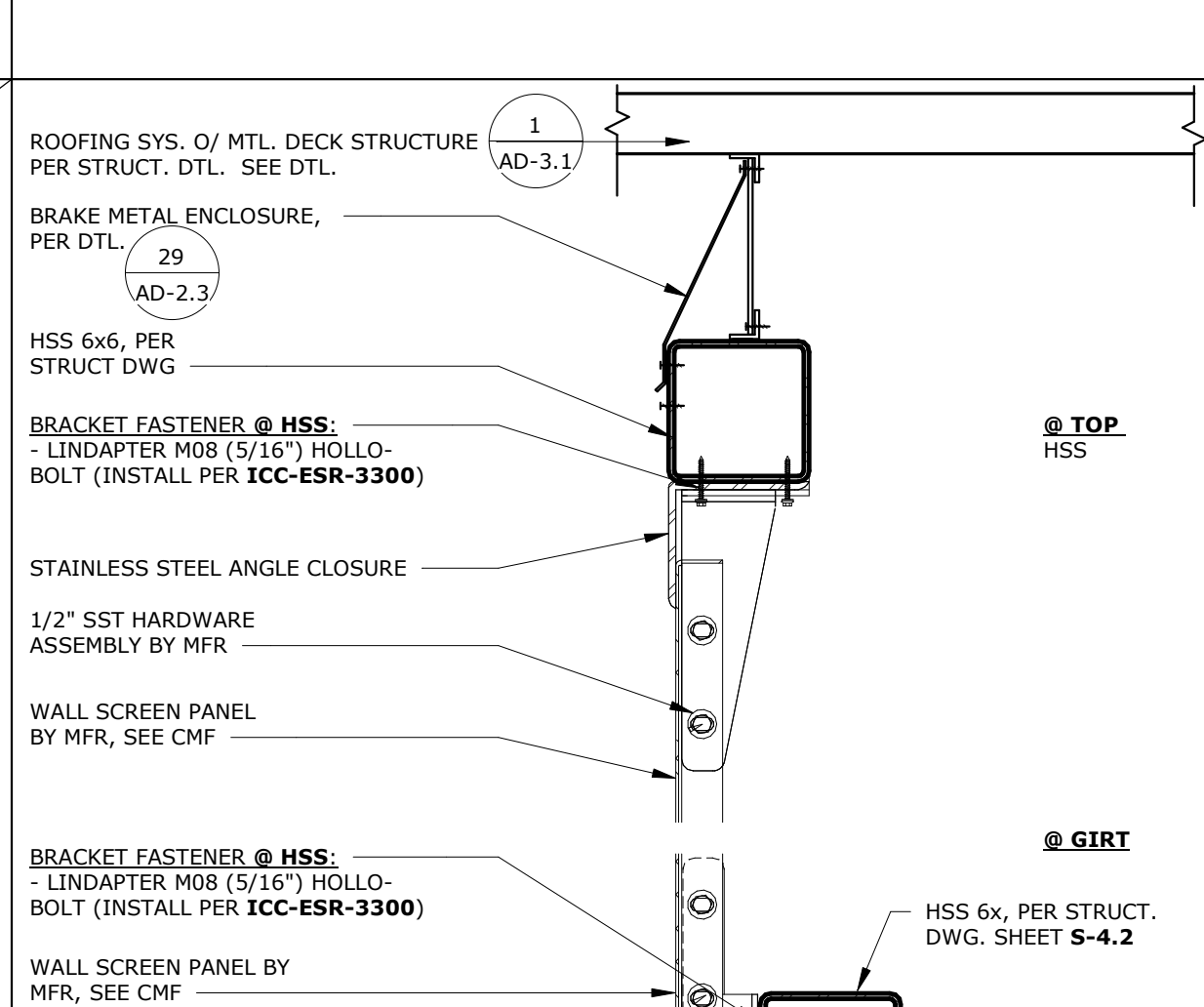
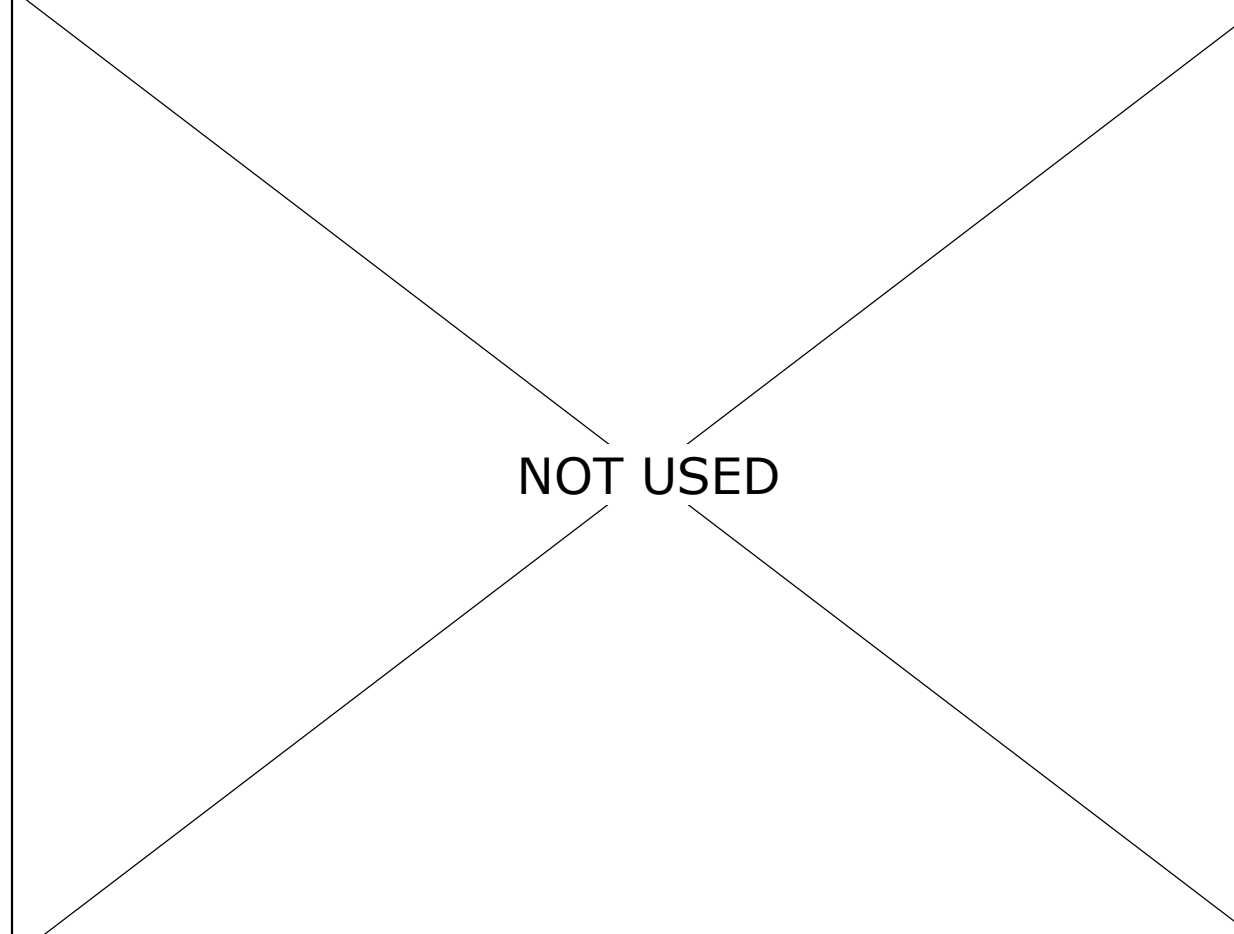
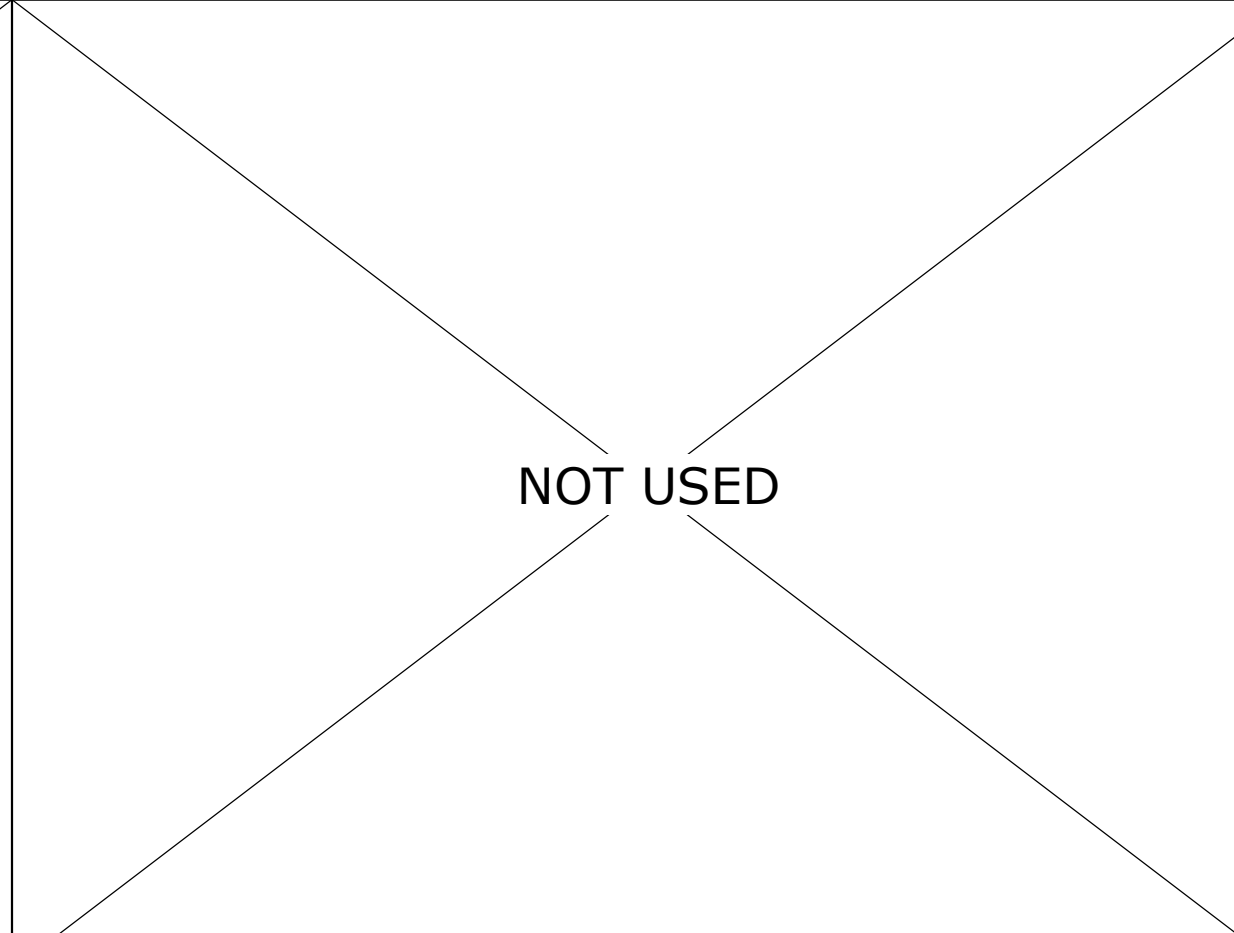
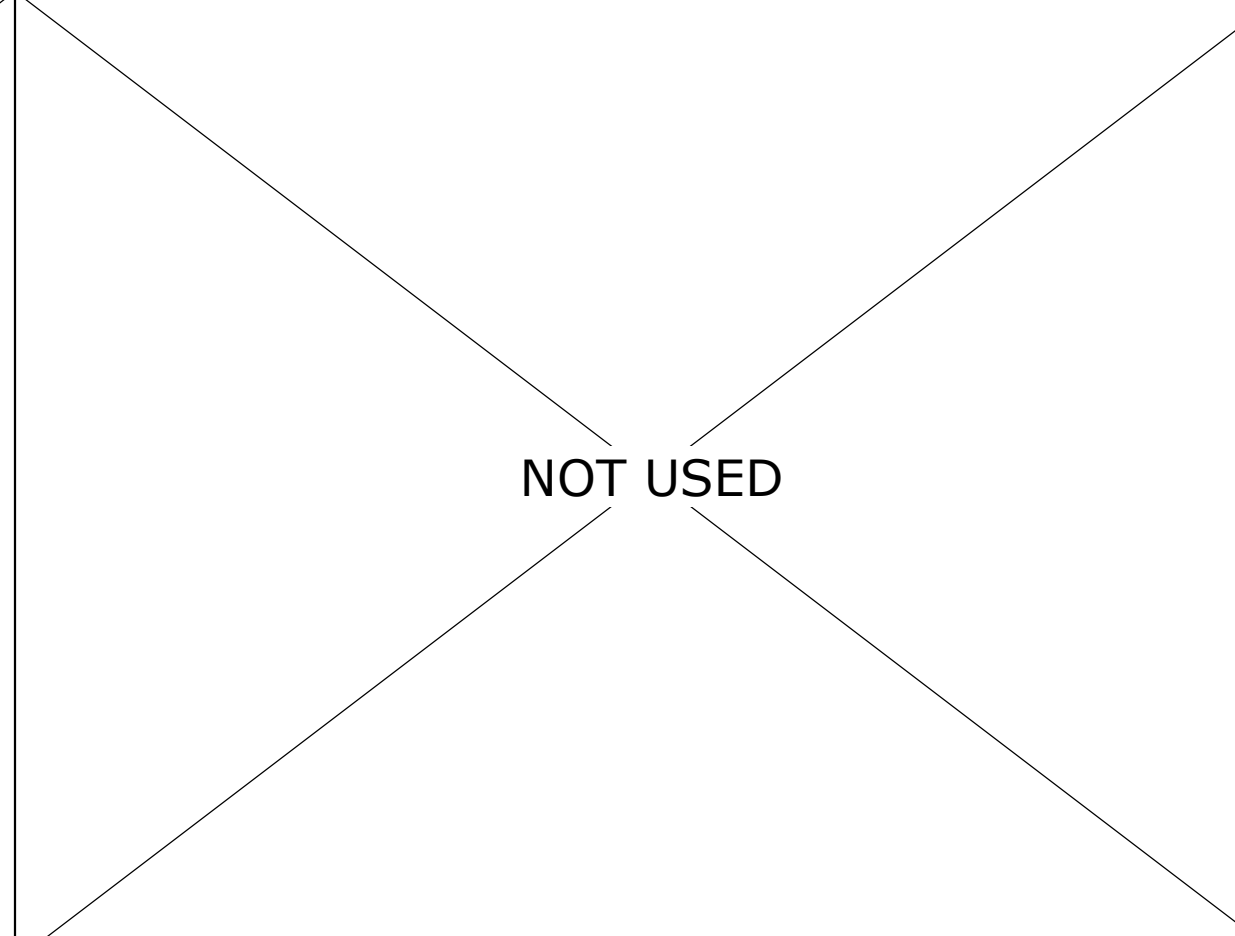
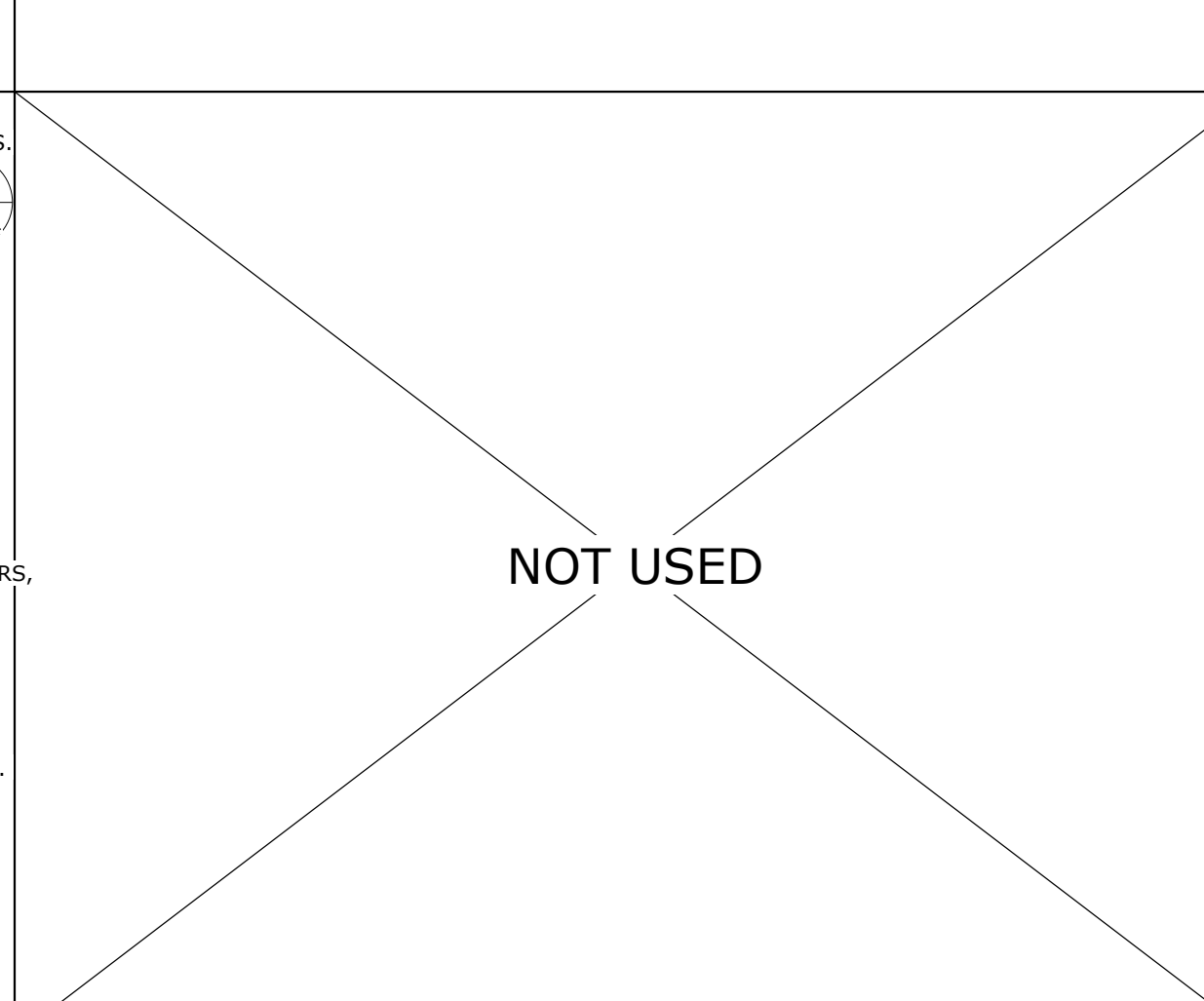
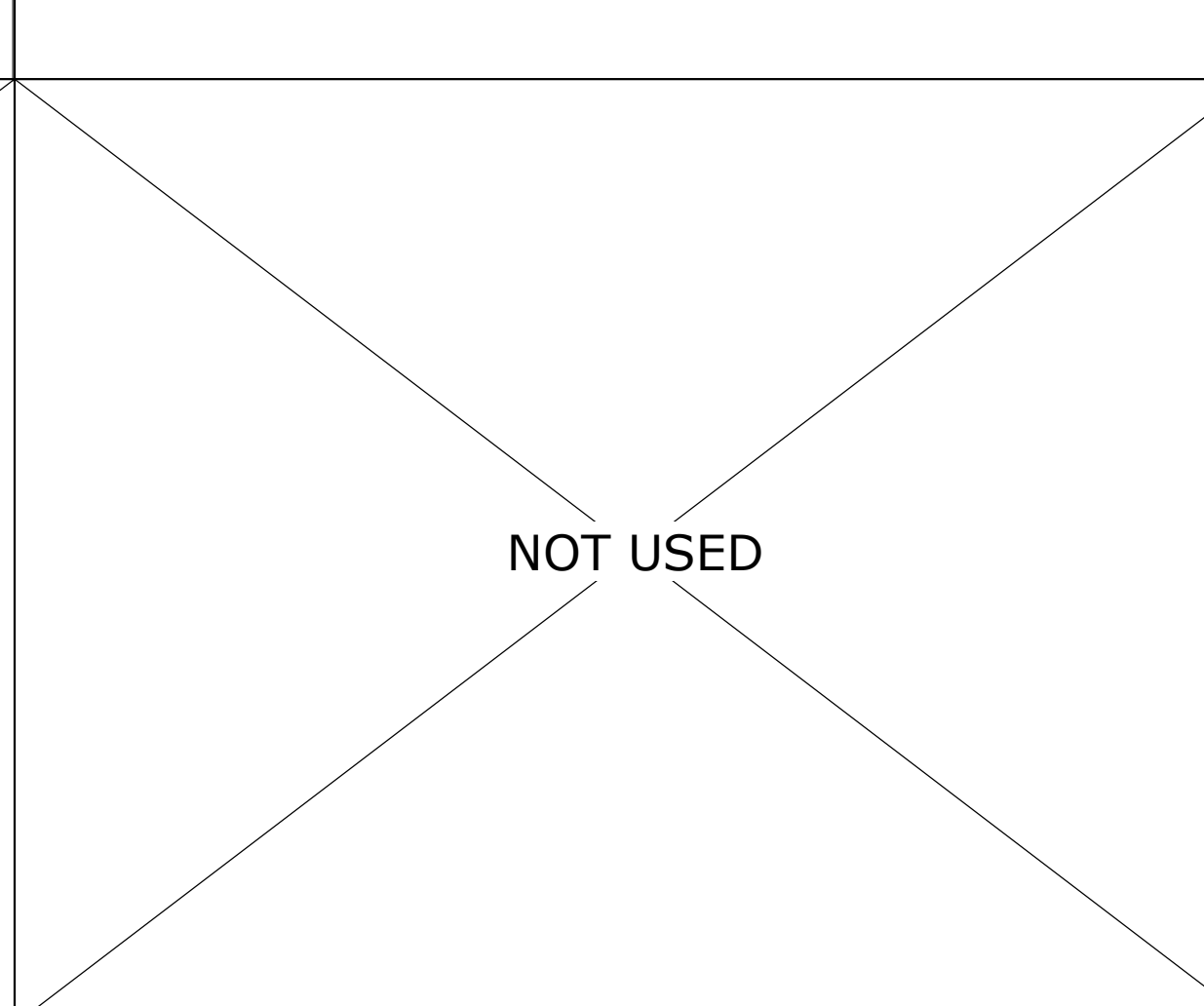
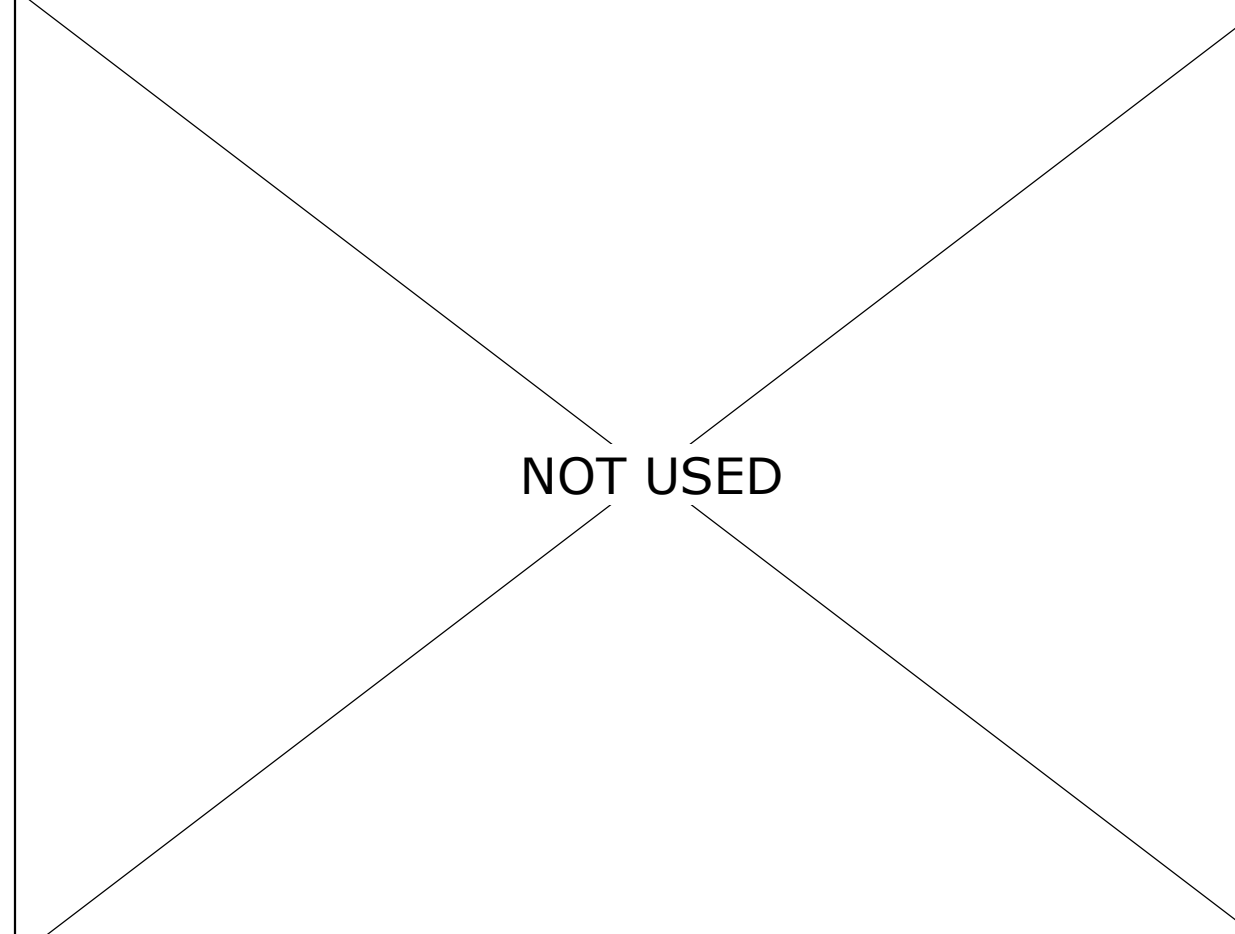
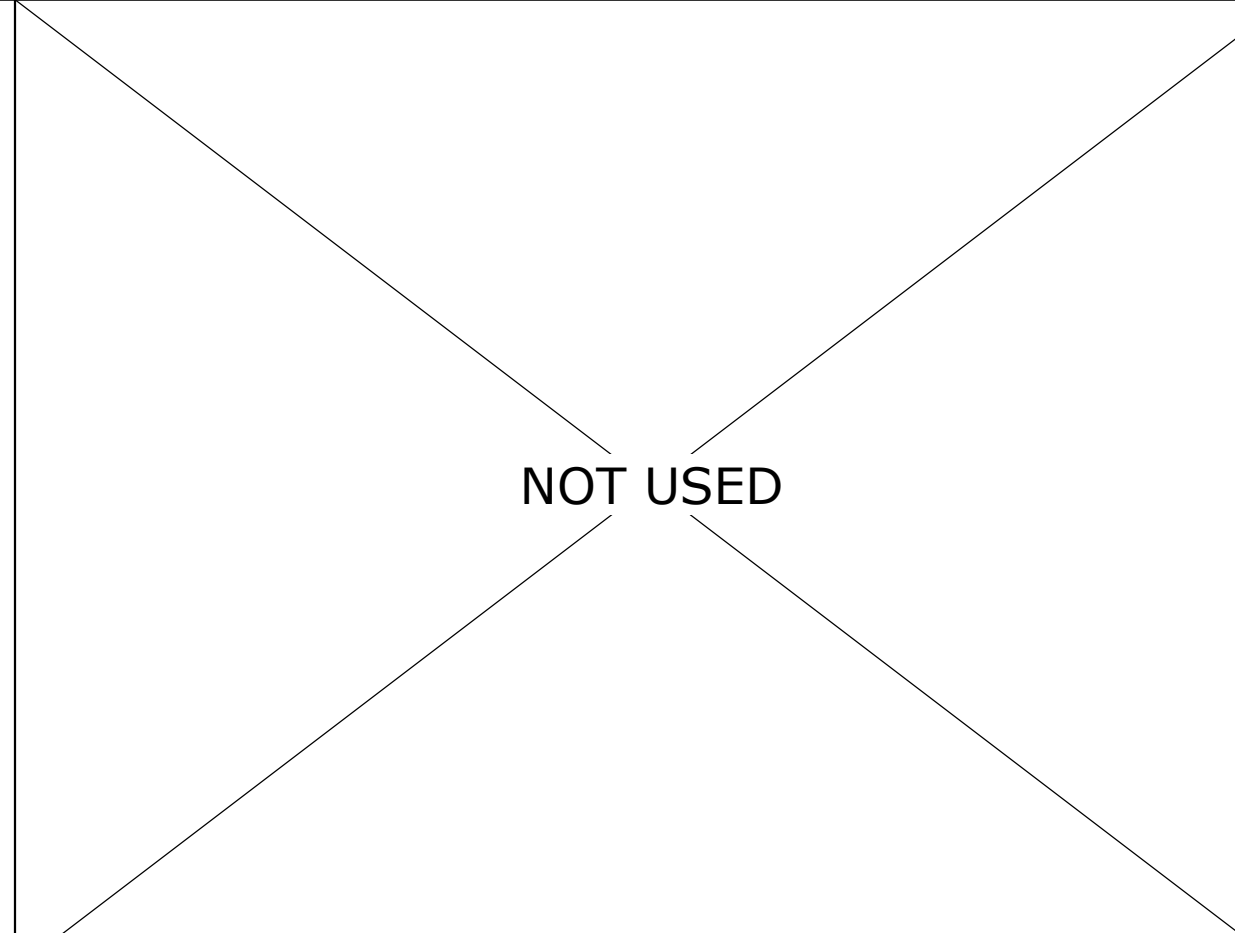
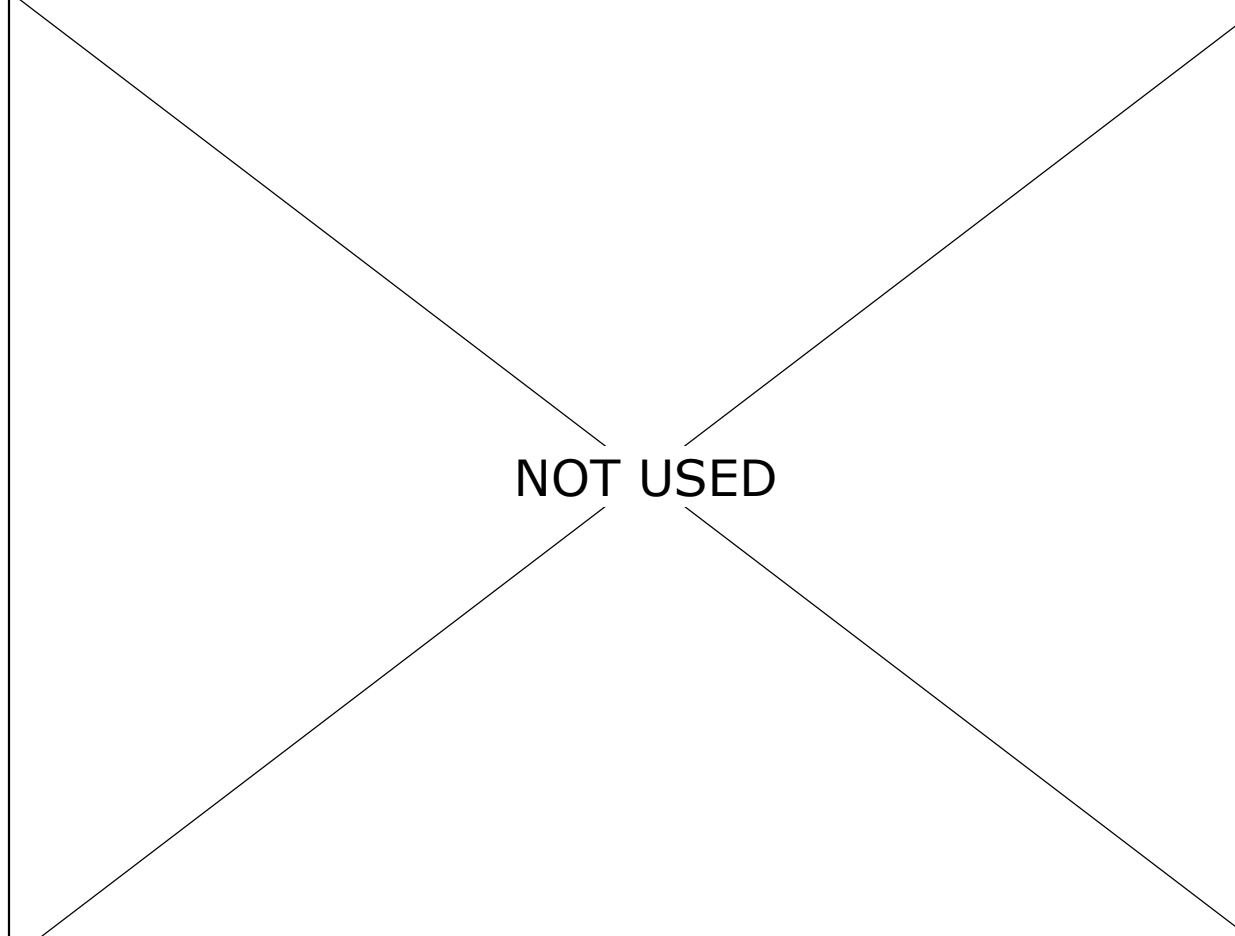
WALL PADDING @ PLASTER 3" = 1'-0" 26



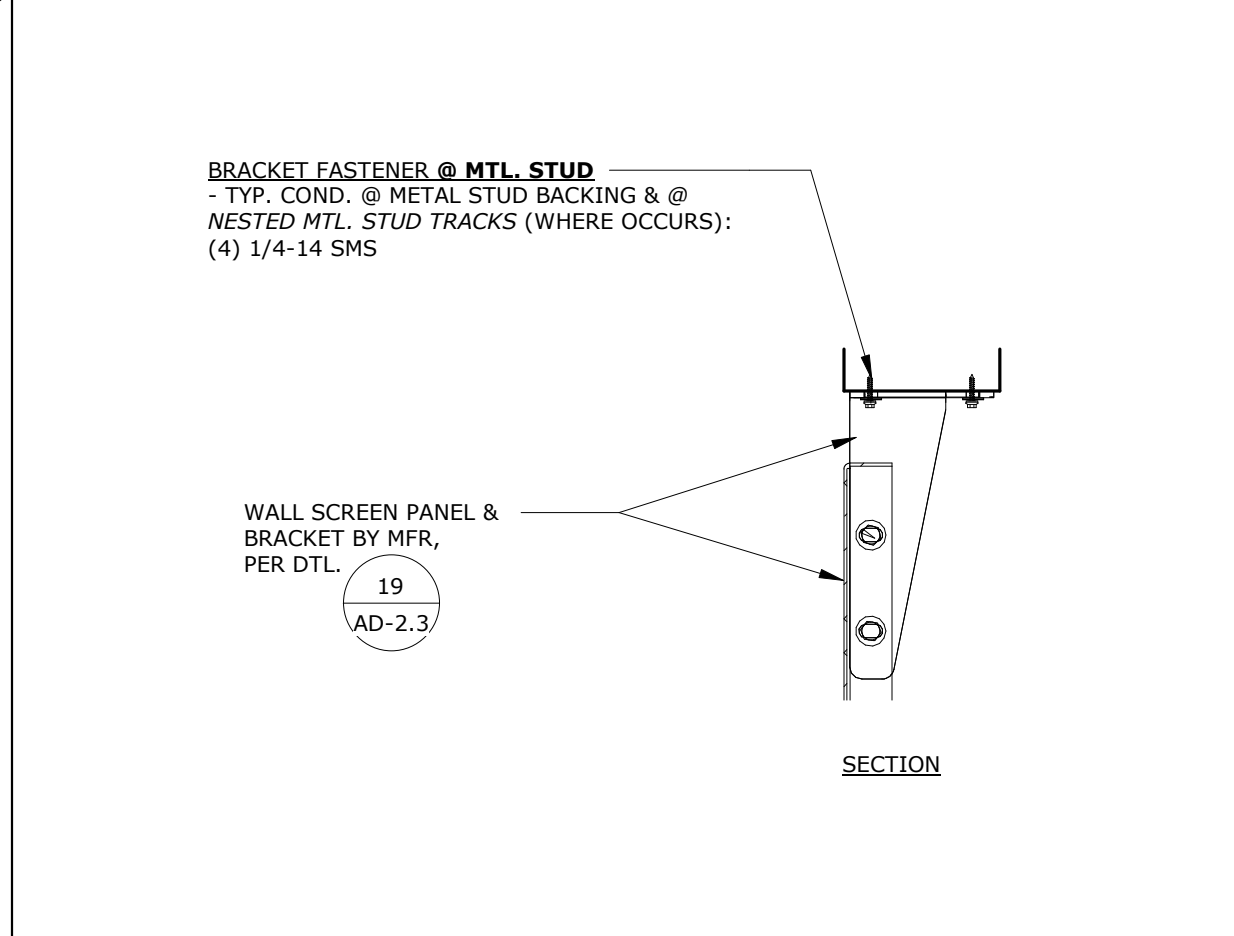
WALL PADDING @ CMU 3" = 1'-0" 27



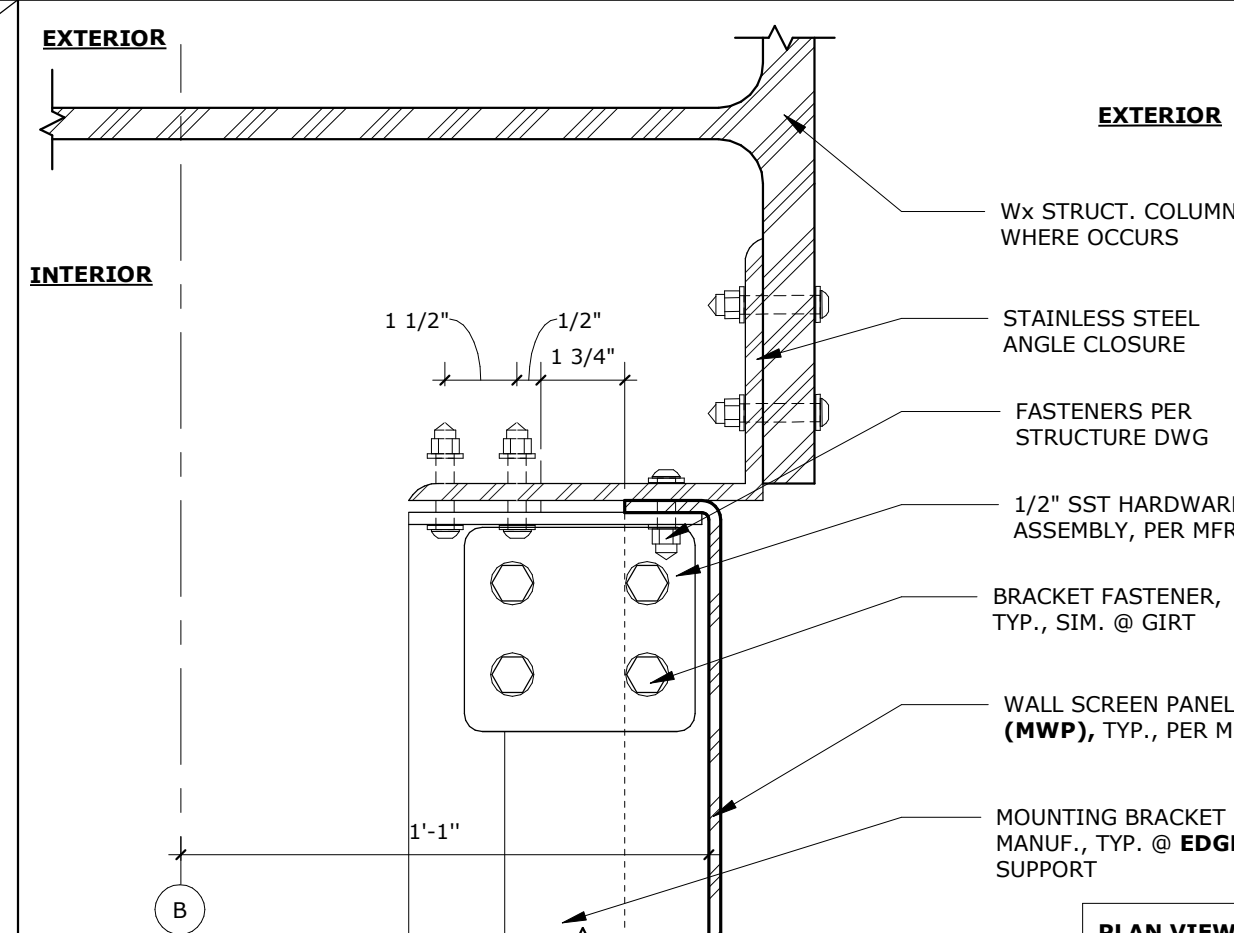
TOP OF MWP AT ROOF 1 1/2" = 1'-0" 29



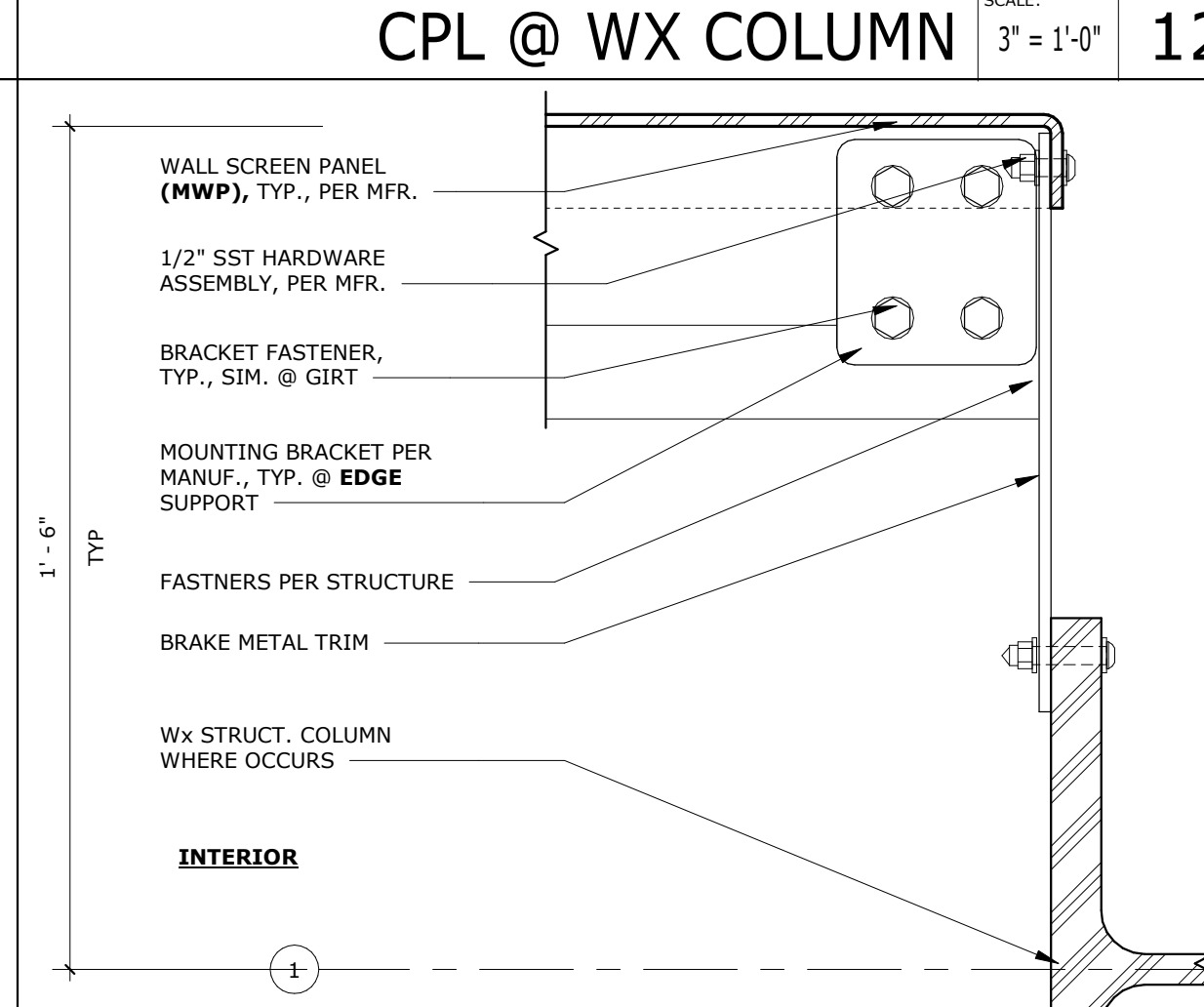
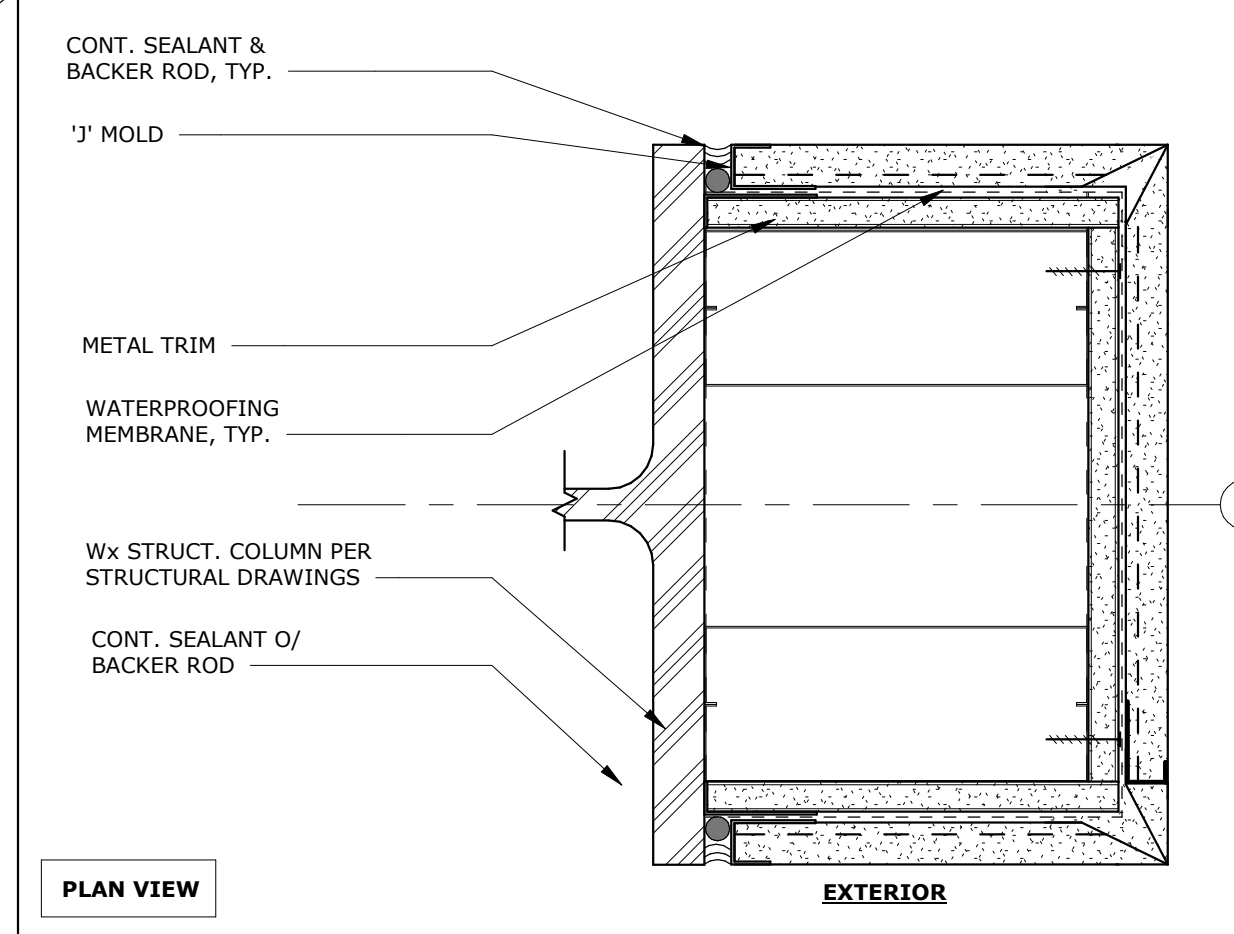
MTL. WALL PNL. SYS. (MWP-1) 1 1/2" = 1'-0" 19



MWP TYP. ATTCHMNT TO STUD 1 1/2" = 1'-0" 20

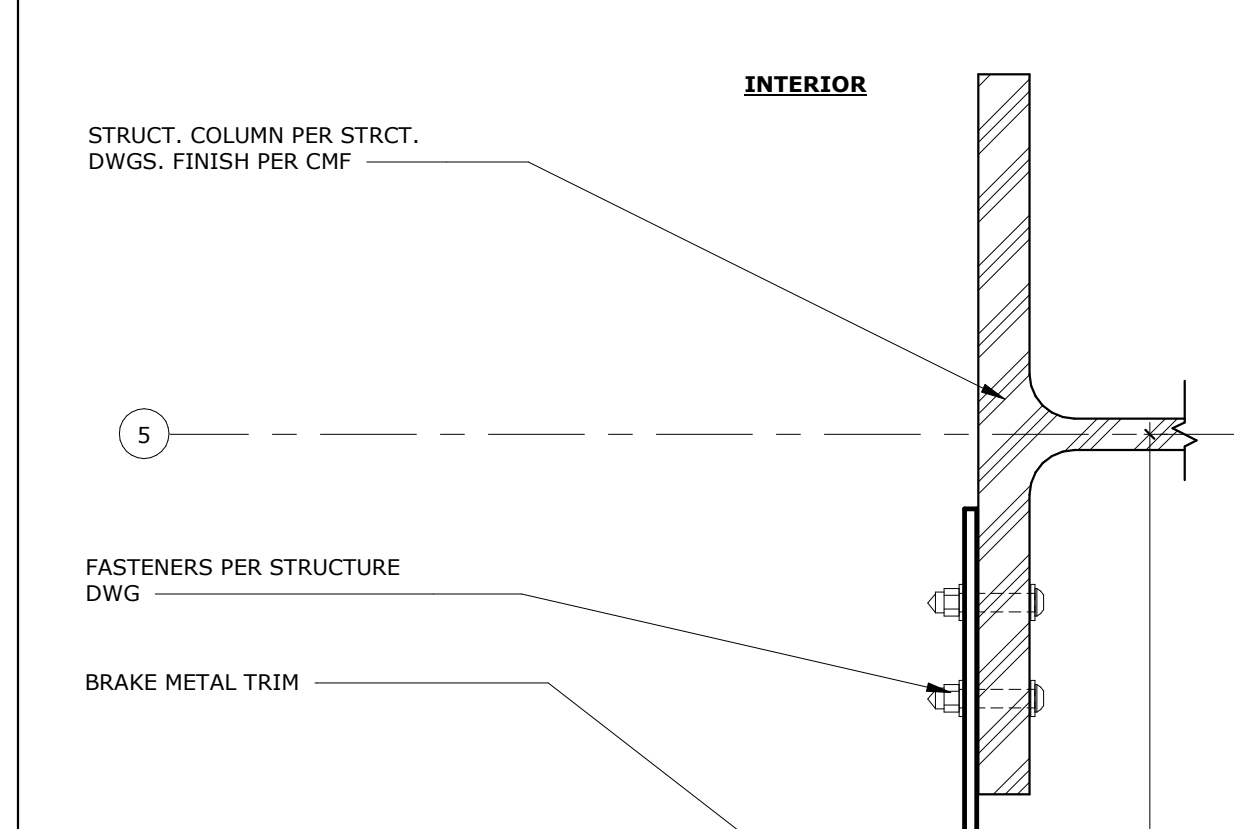


MWP @ WX CLMN 3" = 1'-0" 11

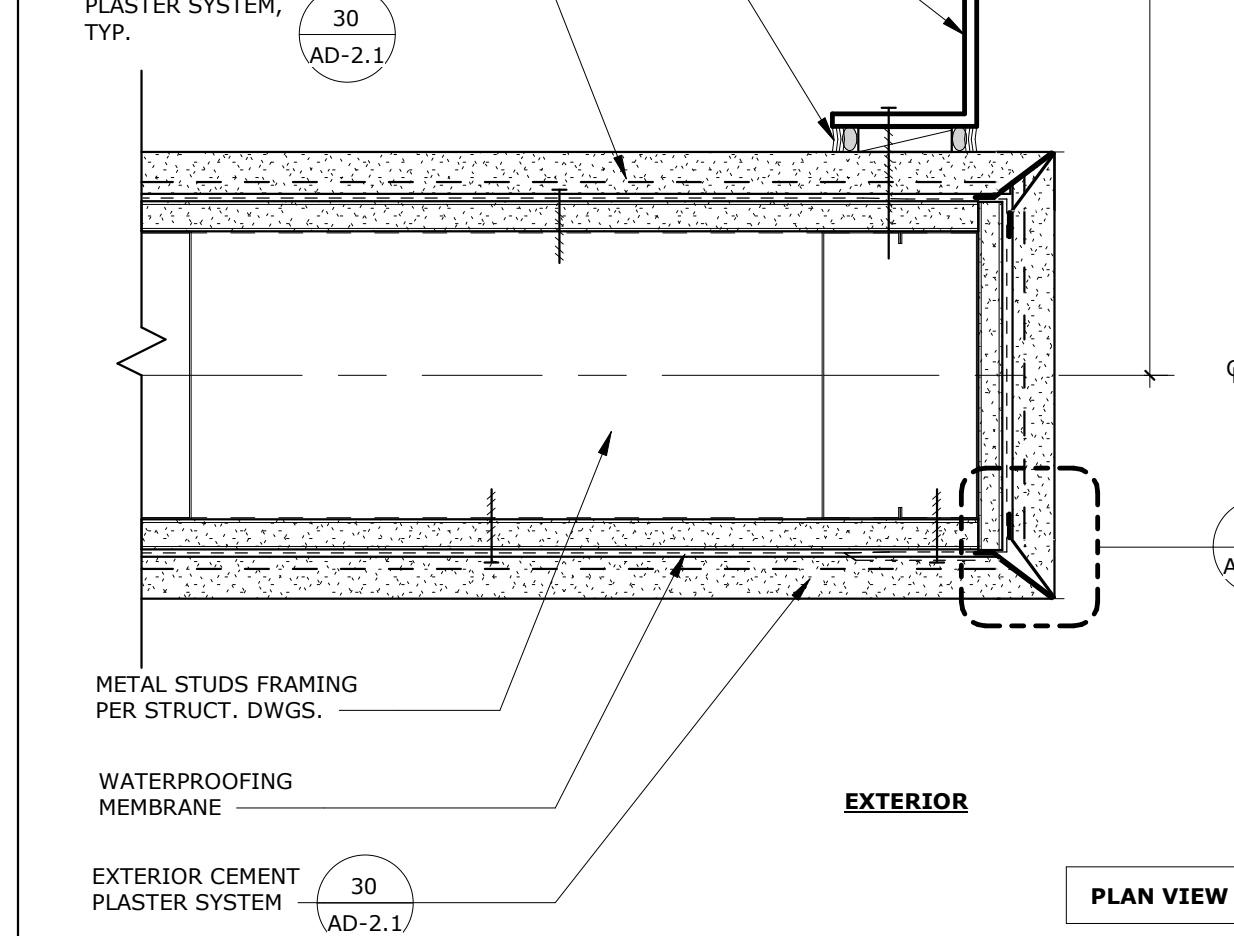


CPL @ WX COLUMN 3" = 1'-0" 12

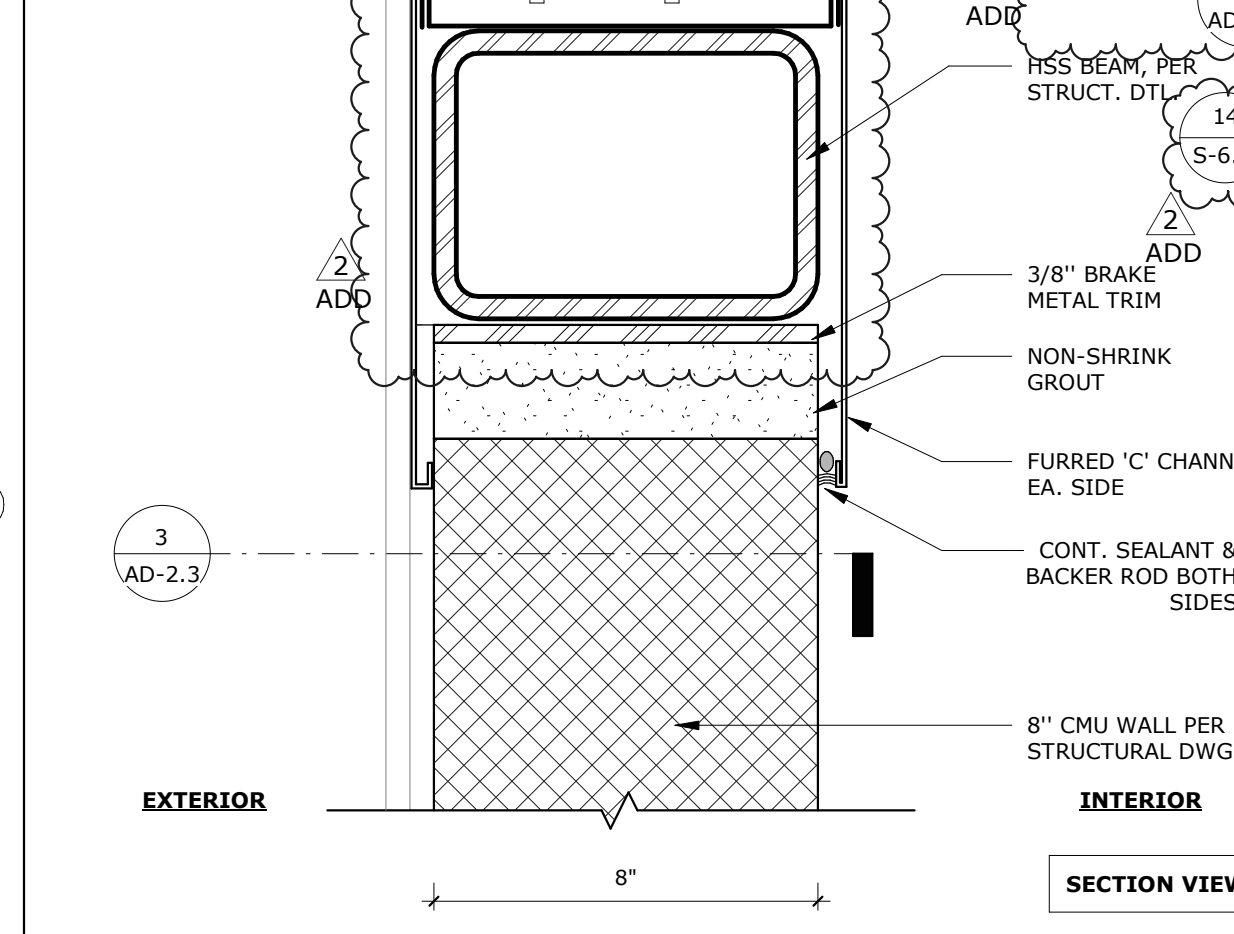
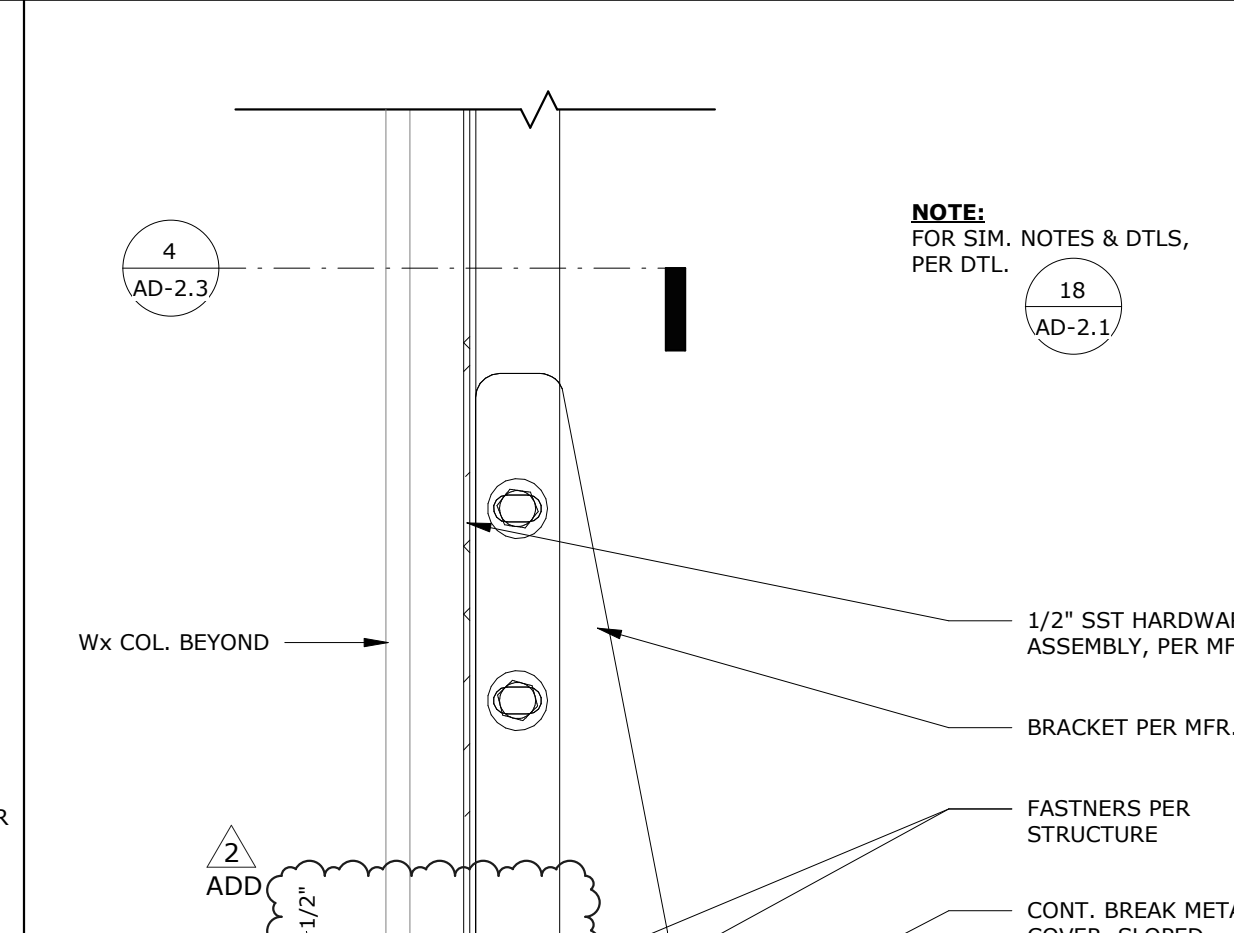
MWP @ WX COLUMN 3" = 1'-0" 13



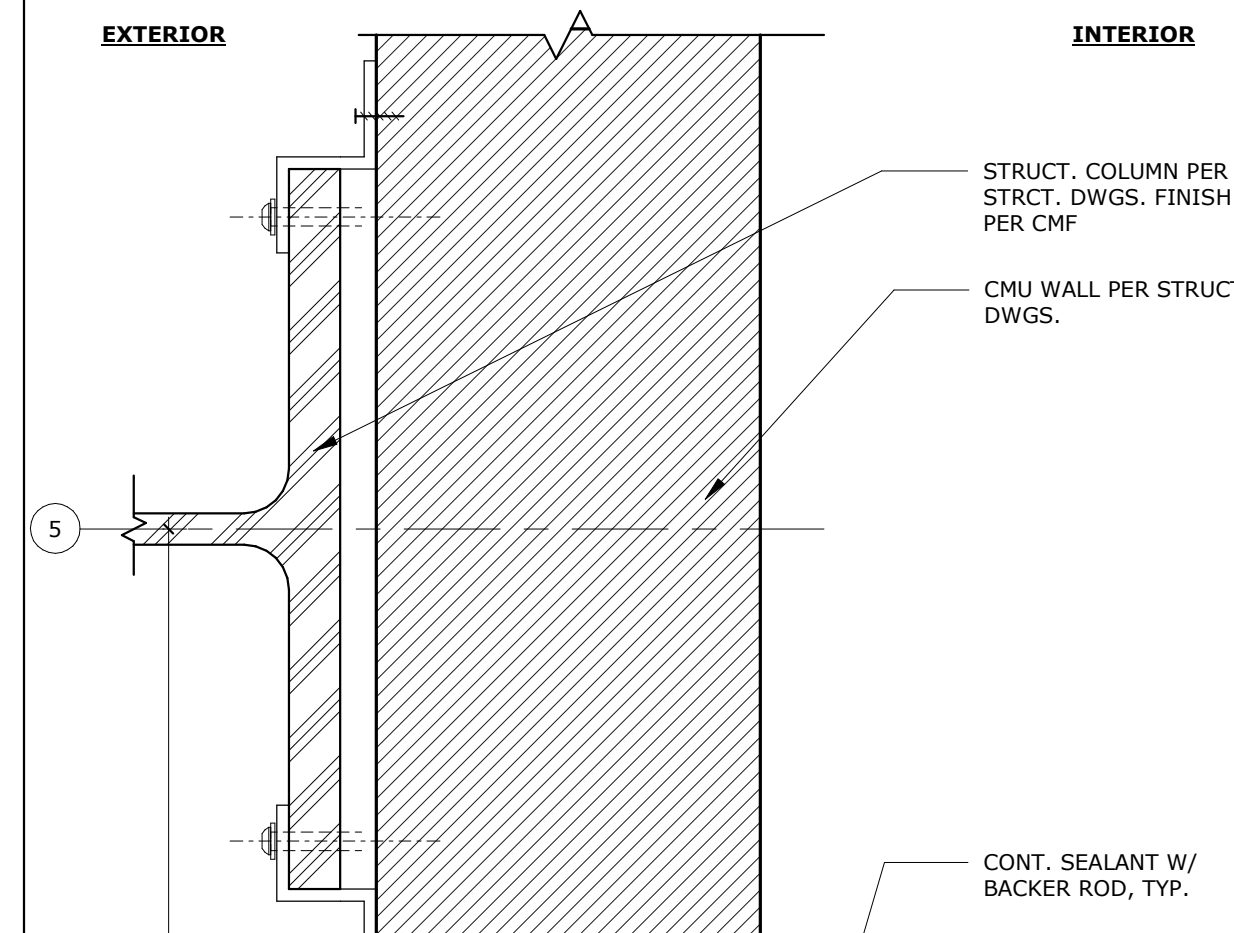
CPL TO WX CLMN 3" = 1'-0" 15



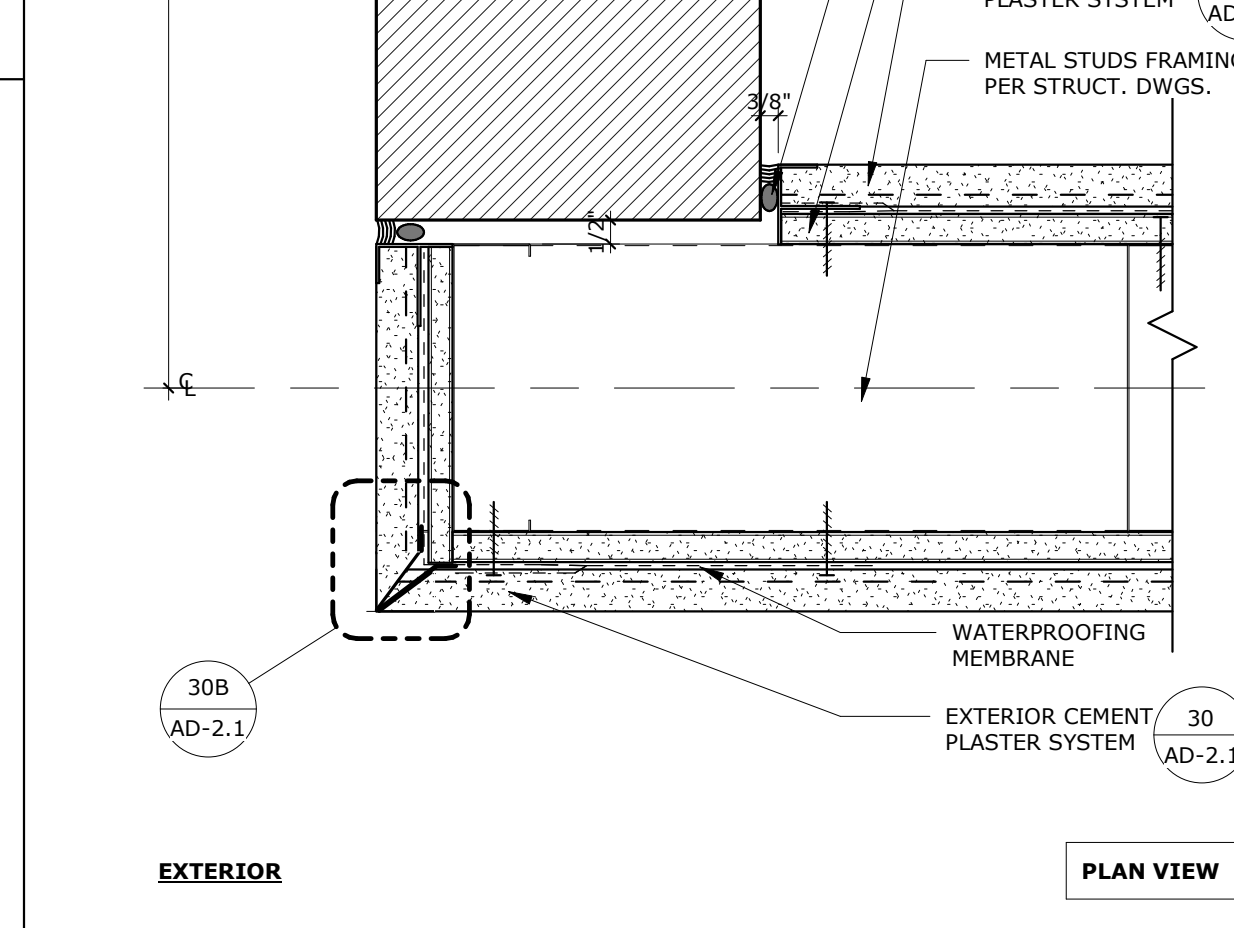
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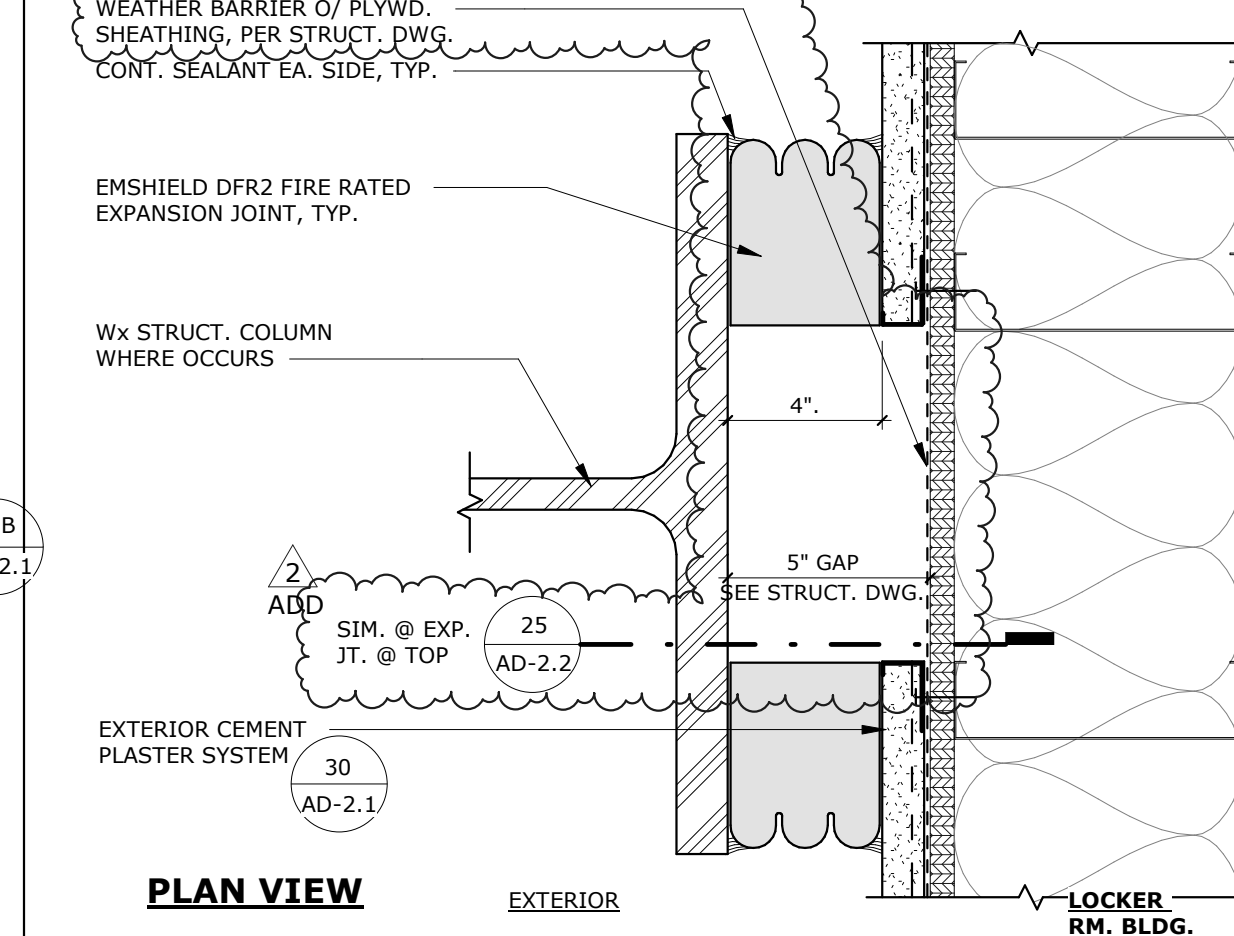
MWP TO CMU WALL 3" = 1'-0" 7



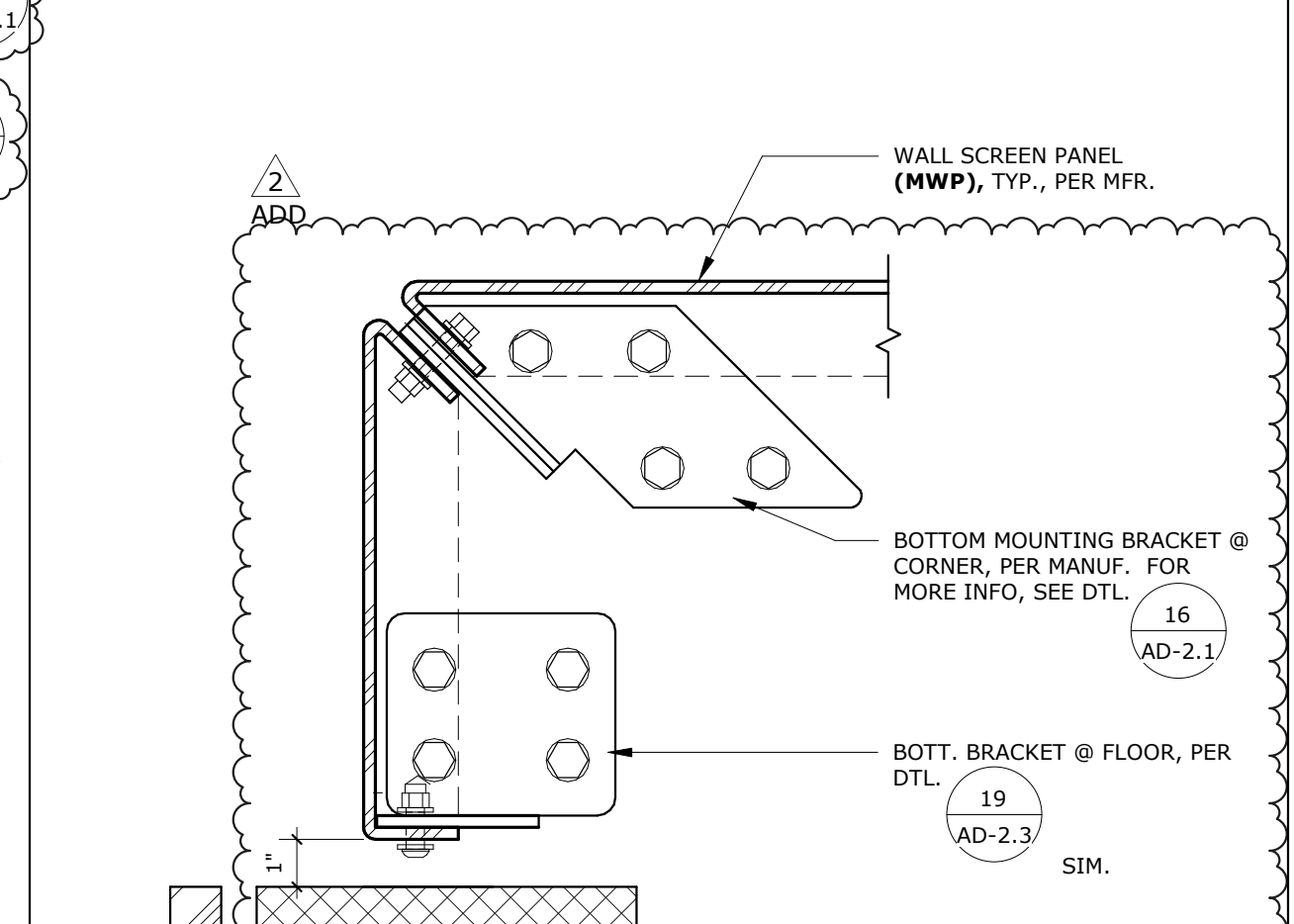
Wx COLUMN @ CMU/0'-8' AFF 3" = 1'-0" 3



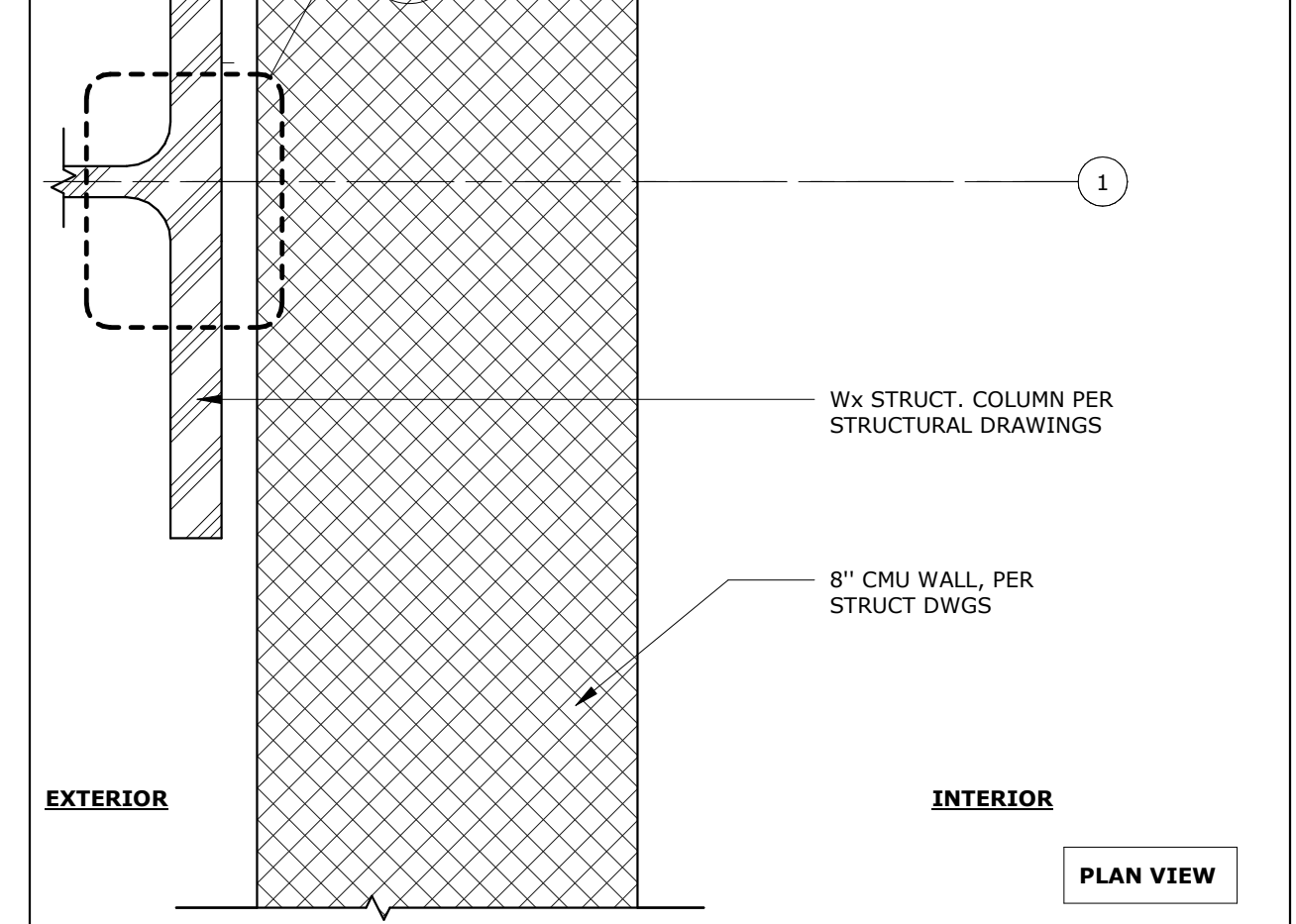
CPL TO CMU WALL CORNER 3" = 1'-0" 9



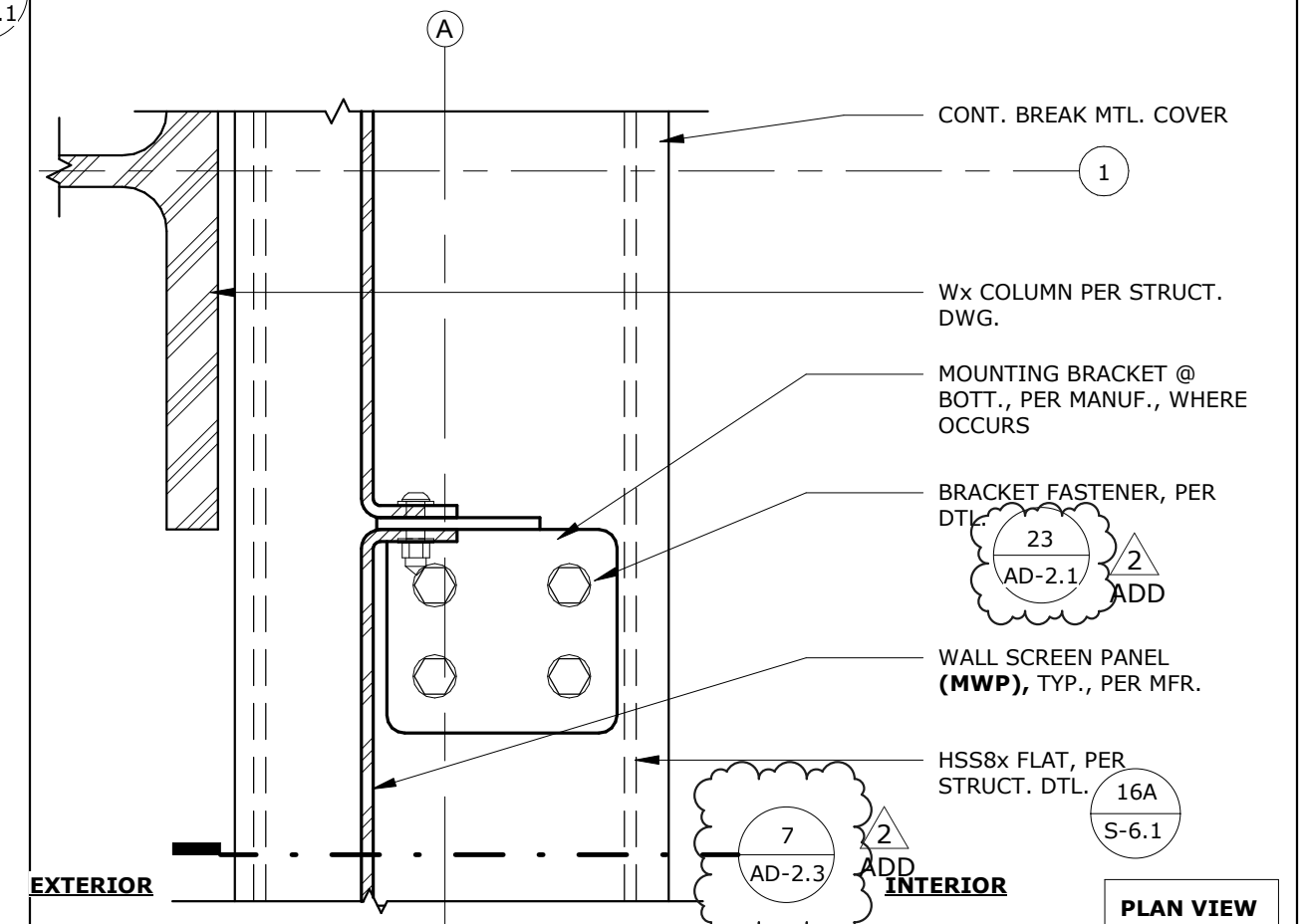
EXPANTION GAP @ WX CLMN 3" = 1'-0" 10



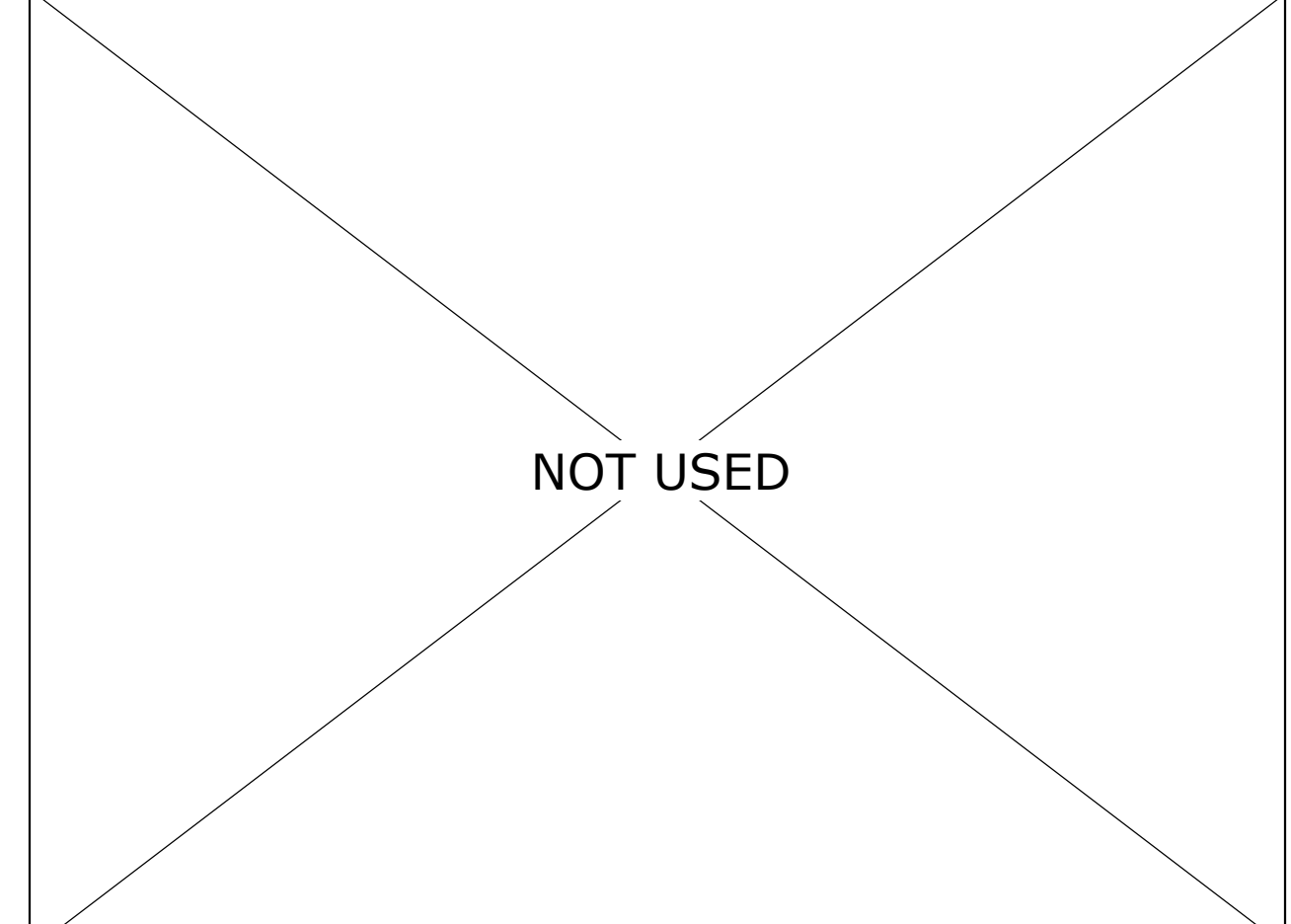
Wx COLUMN @ CMU/0'-8' AFF 3" = 1'-0" 3



Wx COLUMN @ CMU/0'-8' AFF 3" = 1'-0" 3



WX CLMN @MWP/+8' AFF 3" = 1'-0" 4



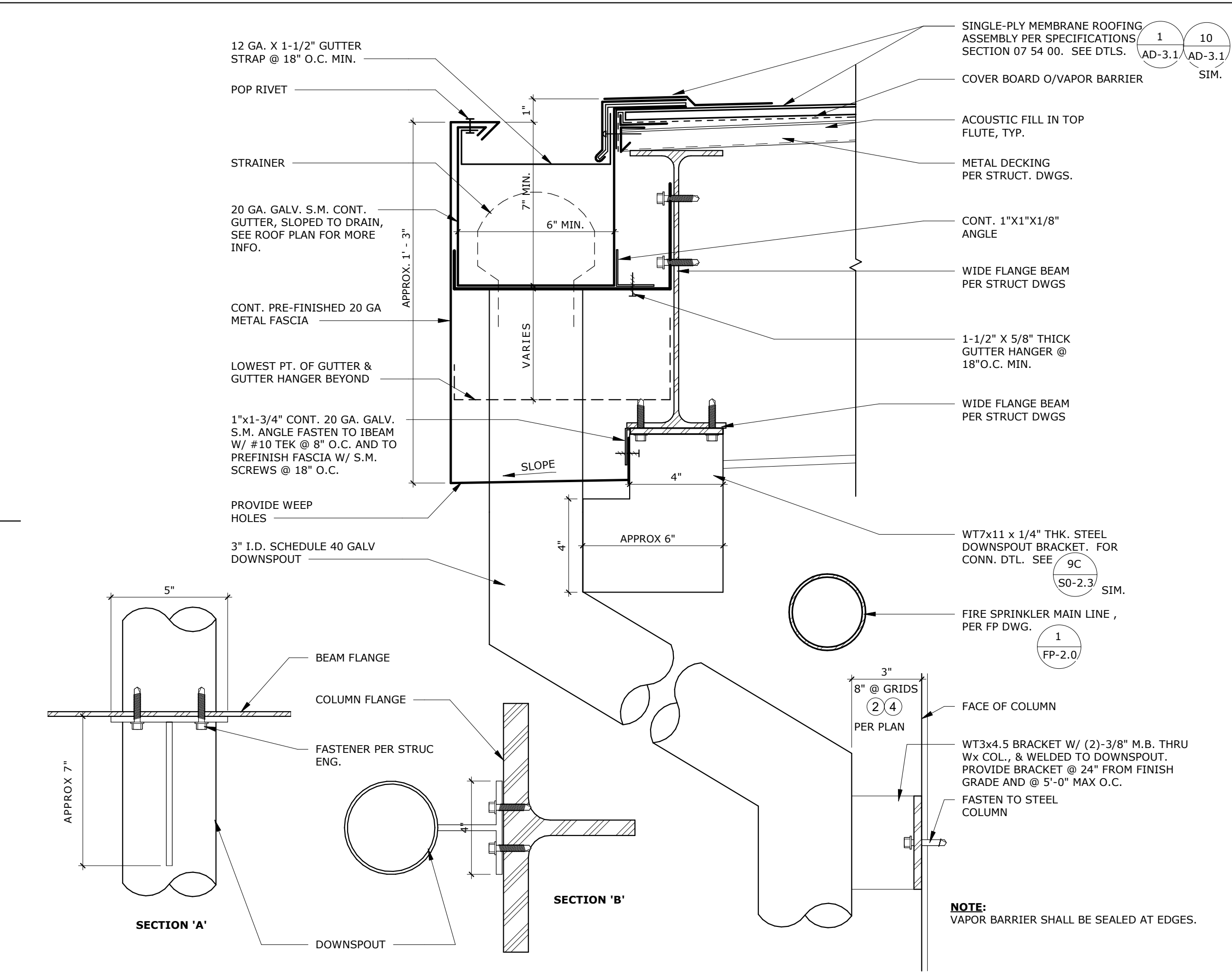
WX CLMN @MWP/+8' AFF 3" = 1'-0" 4

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NOT USED	NOT USED	NOT USED
NOT USED	NOT USED	NOT USED
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PROJECT No. :1-15-112
12/2/2025 3:11:00 PM

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CHECKED BY: _____ DATE: 12/12/25
DELTA # _____ DATE: _____
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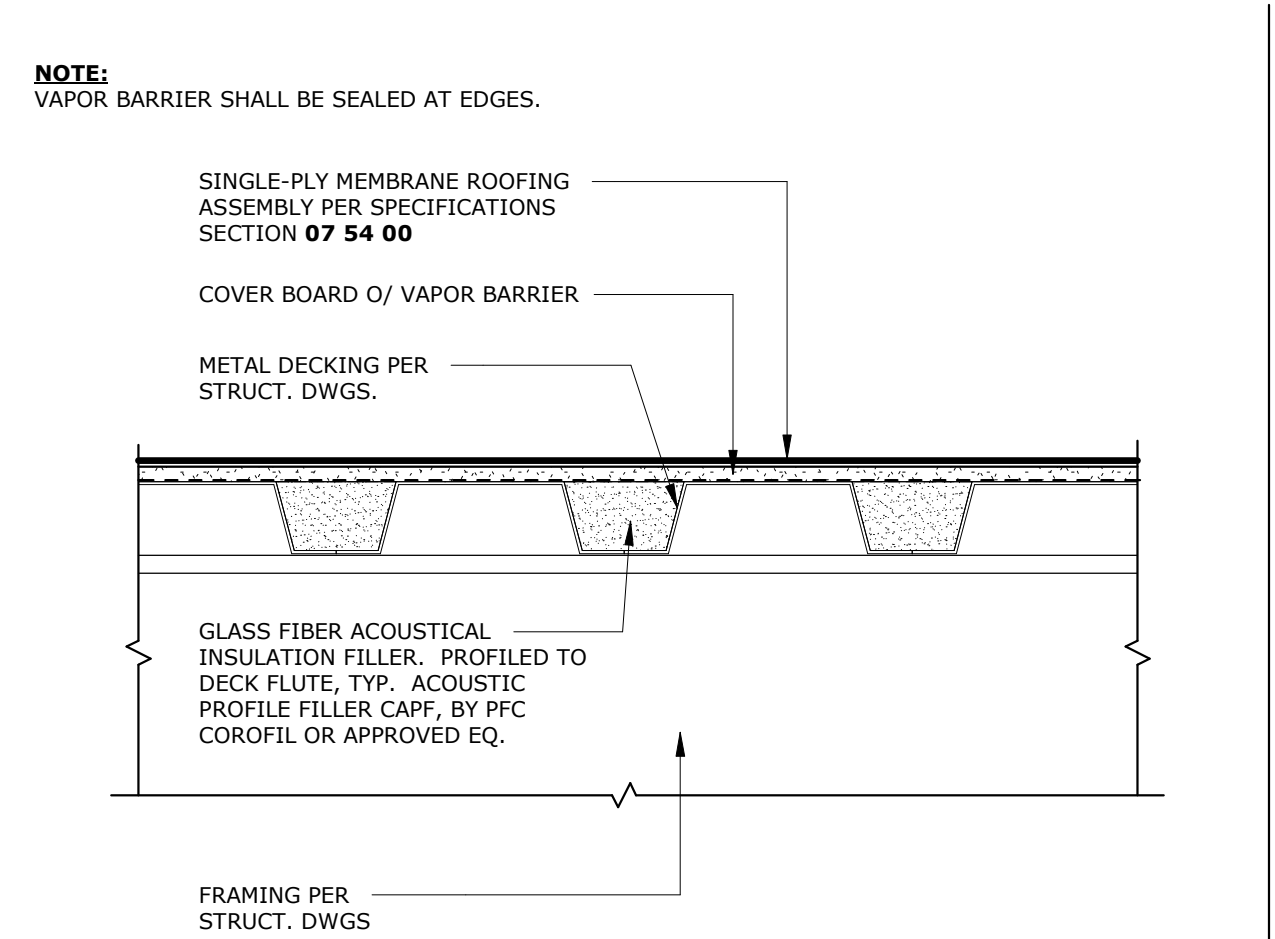


ROOF GUTTER & DOWNSPOUT DRAIN SYS. SCALE: 3" = 1'-0" 7

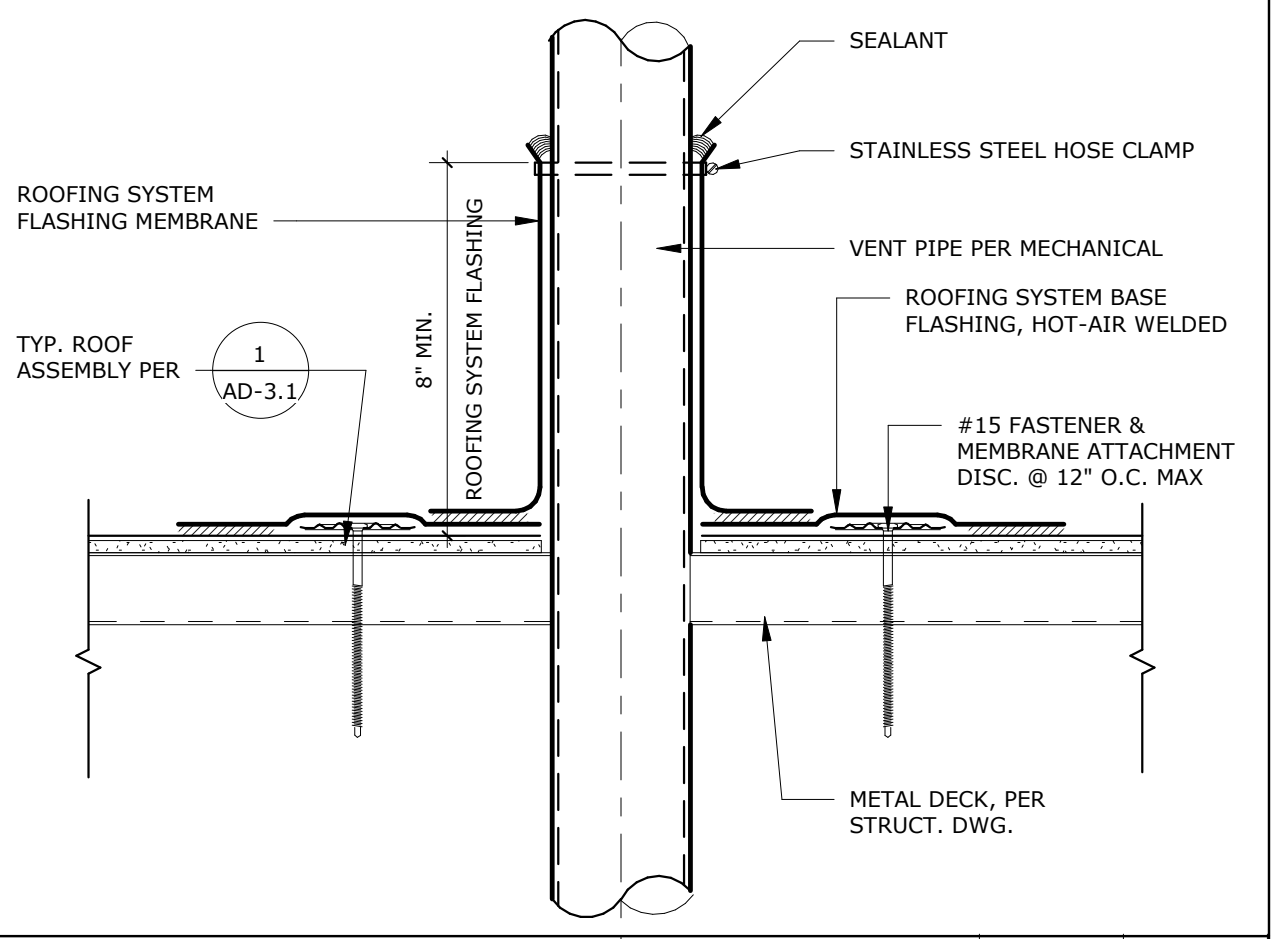
12/10/25

AGENCY APPROVAL
FID No. 36-94 FID# 123079

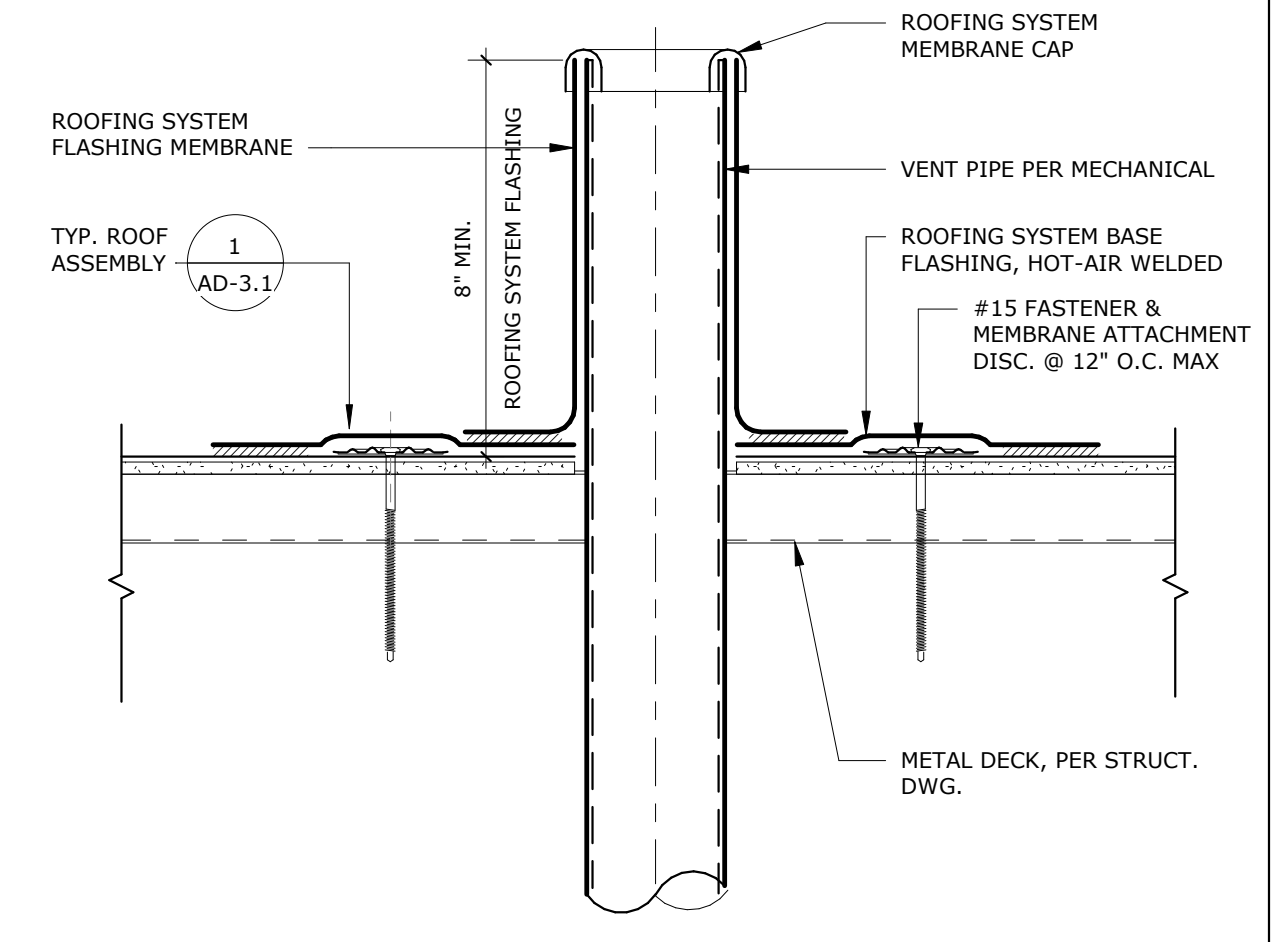
RUHNAU
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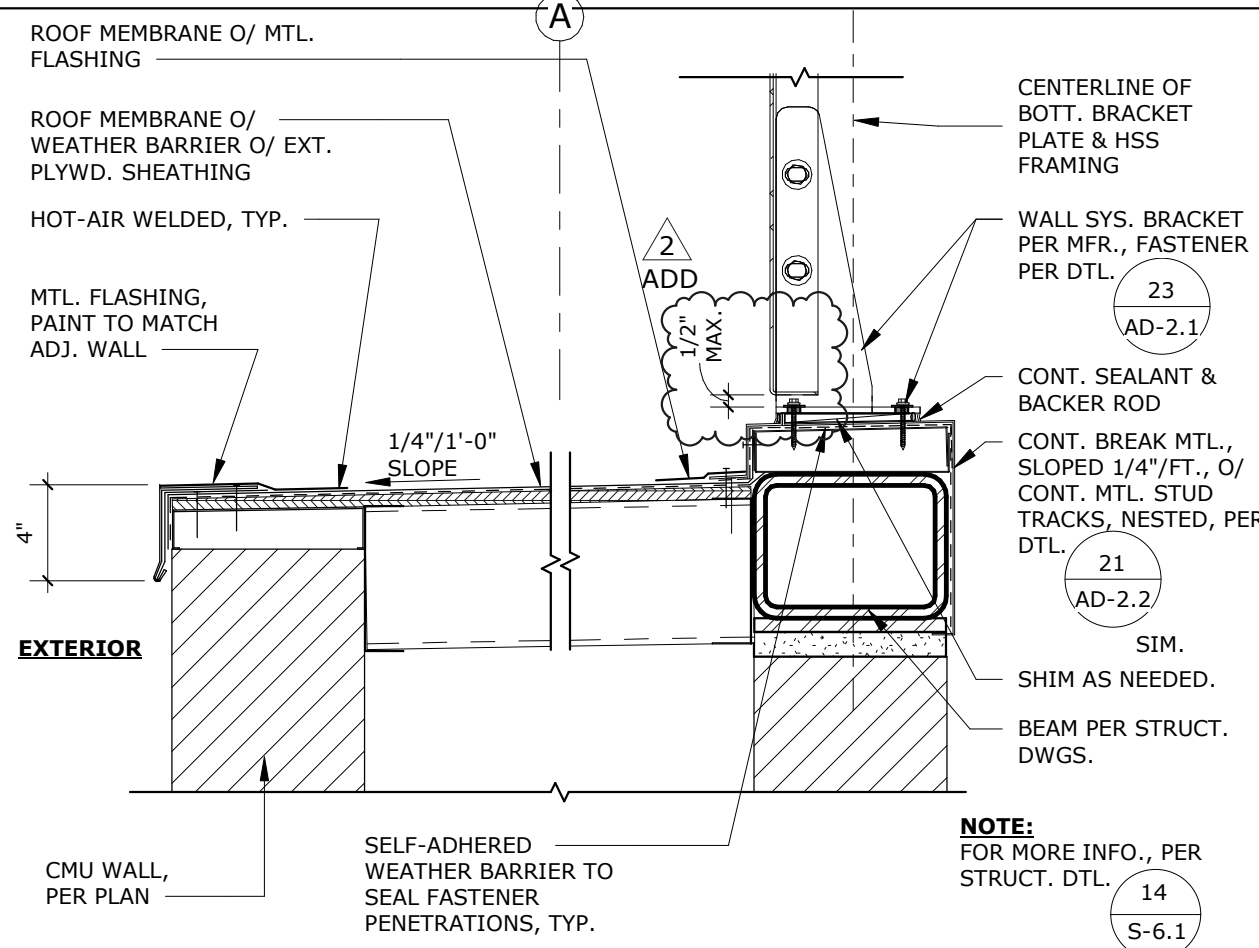
TYP. ROOF ASSEMBLY SCALE: 3" = 1'-0" 1



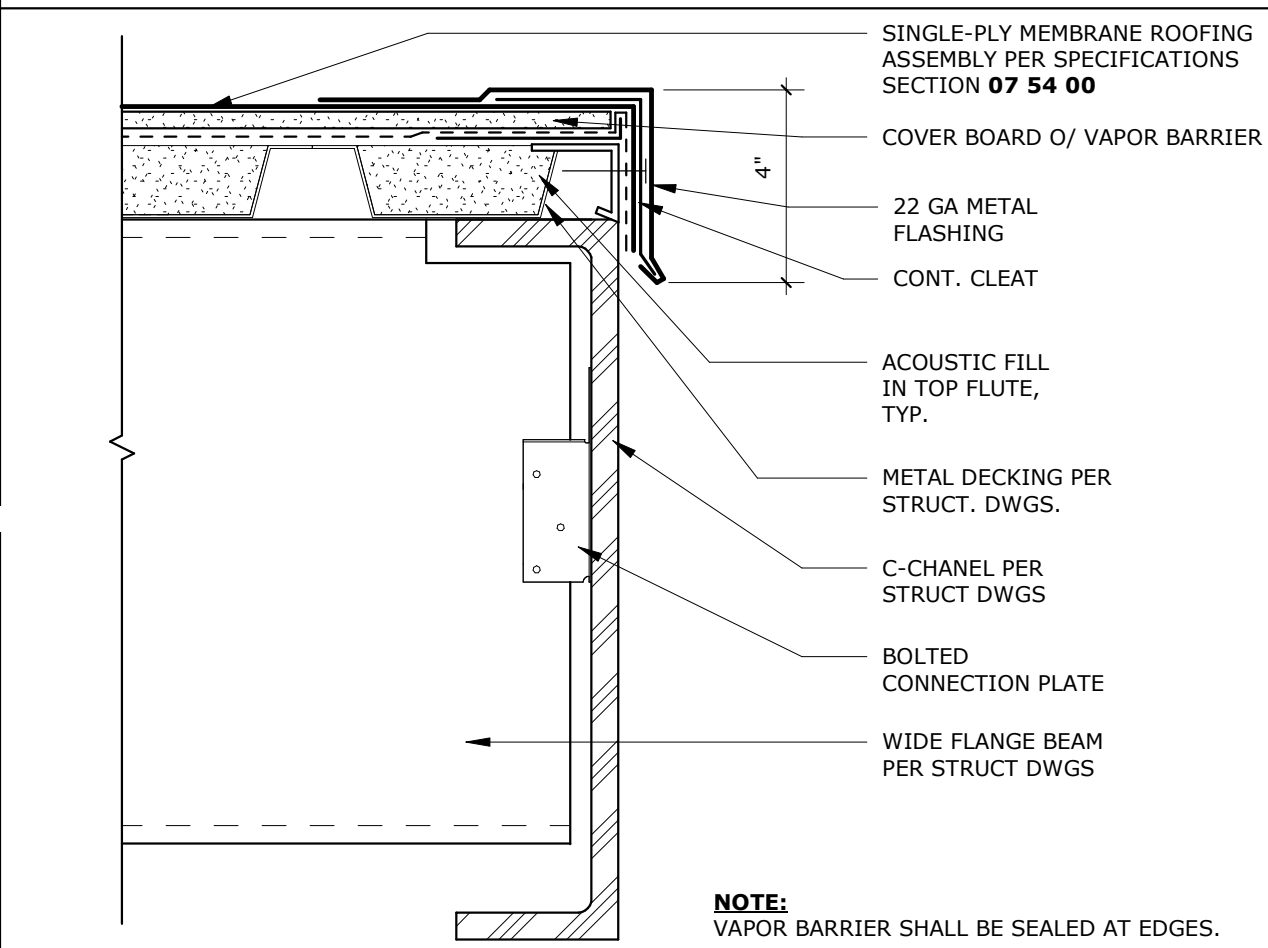
TYP. PIPE PENETRATION SCALE: 3" = 1'-0" 2



TYP. ROOF VENT SCALE: 3" = 1'-0" 3



CMU WALL SCALE: 1 1/2" = 1'-0" 15



ROOF FASCIA SCALE: 3" = 1'-0" 10

DELTA # _____ DATE: 10/31/25
CHECKED BY: _____ DATE: 12/12/25
DELTA # _____ DATE: _____
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DELTA # _____ DATE: _____

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COLTON MIDDLE SCHOOL PAVILION BUILDING ADDITION
670 W. LAUREL ST, COLTON, CA 92324
COLTON JOINT UNIFIED SCHOOL DISTRICT

ROOF DETAILS
AD-3.1

COLTON MIDDLE SCHOOL PAVILION BUILDING ADDITION: APPENDUM 02 - 12/10/2025

NOT USED

NOT USED

PERFORATED MTL @ HM HD	SCALE: 3" = 1'-0"	15
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NOT USED

NOT USED

PERFORATED MTL @ HM MID.	SCALE: 3" = 1'-0"	16
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HM DOOR @ MWP - HEAD	SCALE: 3" = 1'-0"	11
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NOT USED

NOT USED

NOT USED

NOT USED

DOOR FRAME OPT. 2	SCALE: 3" = 1'-0"	2
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HM DOOR @ MWP - HEAD	SCALE: 3" = 1'-0"	29
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PERFORATED MTL @ HM BOT.	SCALE: 3" = 1'-0"	17
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HM DOOR @ PLASTER - JAMB	SCALE: 3" = 1'-0"	12
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DOOR FRAME ANCHOR	SCALE: 12" = 1'-0"	3
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FLR. TRANSITION THRESHOLD	SCALE: 3" = 1'-0"	30
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HM DOOR THRESHOLD	SCALE: 3" = 1'-0"	24
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HM DOOR @ MWP - JAMB	SCALE: 3" = 1'-0"	14
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PERFORATED MTL @ HM JAMB	SCALE: 3" = 1'-0"	9
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HM DOOR FRAME	SCALE: 3/8" = 1'-0"	4
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DRAWN BY:

DELTA # 1 DATE 10/31/25

DELTA # 2 DATE 12/12/25

DELTA # _____ DATE _____

DELTA # _____ DATE _____

CHECKED BY:

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**COLTON MIDDLE SCHOOL PAVILION
BUILDING ADDITION**

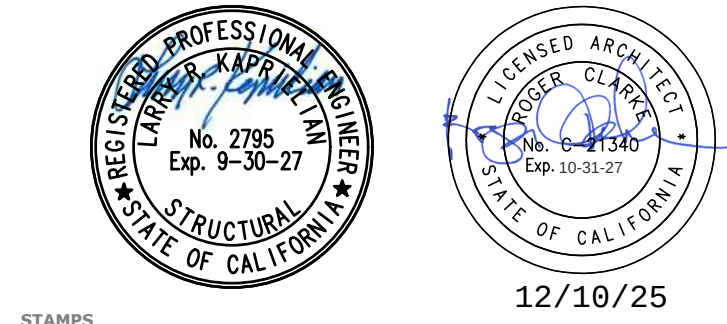
670 W. LAUREL ST, COLTON, CA 92324
COLTON JOINT UNIFIED SCHOOL DISTRICT

DOOR DETAILS

AD-6.1

COLTON MIDDLE SCHOOL PAVILION BUILDING ADDITION: ADDENDUM 02 - 12/10/2025

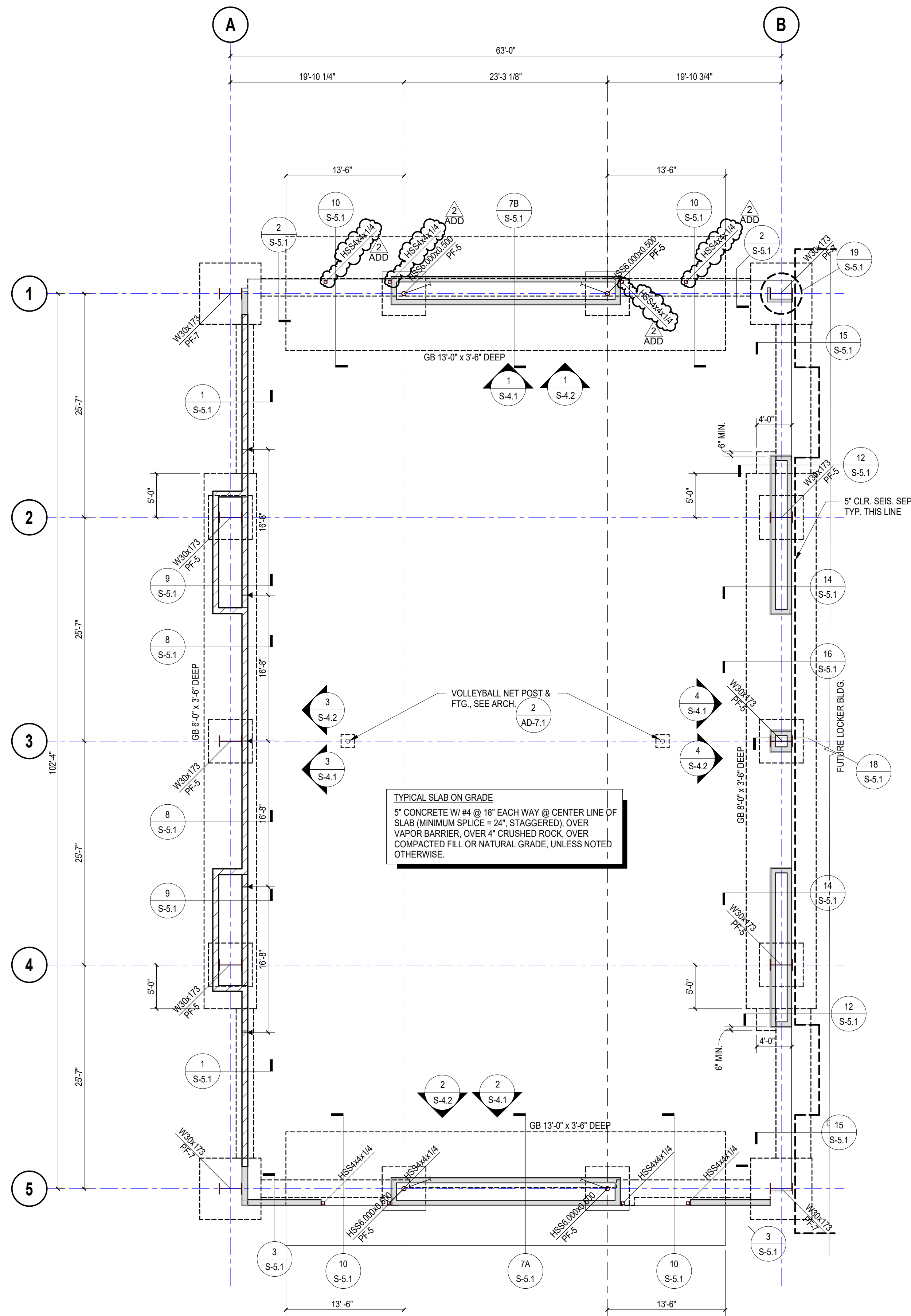
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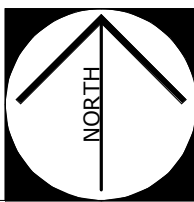
rtm
engineering consultants
9931 Muirlands Boulevard, Irvine, CA 92618
Tel (949) 462-3200 Fax (949) 462-3201
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RTM Job No.: 203.783
CONSULTANT BRANDING

**RUHNAU
CLARKE
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FOUNDATION PLAN
SCALE: 1/8" = 1'-0"



FOUNDATION PLAN NOTES

1. SEE SHEETS SD-1.1 THROUGH SD-2.8 FOR GENERAL NOTES AND TYPICAL DETAILS.
2. SEE SPECIFICATIONS FOR ALL SITE AND SUBGRADE PREPARATIONS.
3. SEE ARCHITECTURAL AND/OR CIVIL DRAWINGS FOR FINISH FLOOR ELEVATIONS.
4. SEE ARCHITECTURAL AND CIVIL DRAWINGS FOR ALL EXTERIOR CONCRETE PAVING, SLABS, BASES, CURBS, SITE WALLS, ETC.
5. FOR ANY DIMENSIONAL INFORMATION NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.
6. SEE PLANS AND ARCHITECTURAL DRAWINGS FOR DEPRESSIONS AND/OR SLOPES IN CONCRETE SLABS.
7. ALL DIMENSIONS SHOWN ARE FROM FACE OF STUD, CENTER LINE OF COLUMN, OR CENTER LINE OF WALL, UNLESS NOTED OTHERWISE. ALL COLUMNS ARE CENTERED IN STUD WALL, UNLESS NOTED OTHERWISE.
8. SEE ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF ALL DOOR AND WINDOW OPENINGS IN BEARING AND NON-BEARING WALLS.
9. SEE ARCHITECTURAL DRAWINGS FOR LOCATION OF INTERIOR NON-BEARING PARTITIONS. INTERIOR NON-BEARING PARTITION WALLS THAT DO NOT REQUIRE CONCRETE CURBS ARE NOT SHOWN ON STRUCTURAL DRAWINGS.
10. SEE ARCHITECTURAL, PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL EMBEDDED ITEMS AND SLAB PENETRATIONS.
11. FOR TYPICAL SLAB JOINTS, SEE DETAIL 10/SO-2.1.

LEGEND

- : INDICATES STEEL OR WOOD COLUMN SIZE. SEE DETAIL 6/SO-2.3 FOR STEEL COLUMN BASE PLATE, U.N.O.
- : INDICATES CONCRETE FOOTING. SEE DETAIL 6/SO-2.1 FOR ADDITIONAL INFORMATION. (-1'-4\"/>
-
-
-
- : INDICATES STEP IN CONTINUOUS FOOTING. SEE DETAILS 6/SO-2.1 AND 7/SO-2.1 FOR ADDITIONAL INFORMATION. STEP CONTINUOUS FOOTING TO MATCH BOTTOM OF LOWEST ADJACENT FOOTING ELEVATION

PROJECT No. :
11/20/2025 2:03:54 PM

DRAWN BY: DELTA # 3 DATE 10/15/2025
CHECKED BY: ADD AFO CDD REV
DELTA # 2 DATE 11/21/2025
ADD AFO CDD REV
DELTA # 1 DATE 11/21/2025
ADD AFO CDD REV

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**COLTON MIDDLE SCHOOL PAVILION
BUILDING ADDITION**

670 W. LAUREL ST, COLTON, CA 92324
COLTON JOINT UNIFIED SCHOOL DISTRICT

FOUNDATION PLAN

S-1.1

COLTON HS PAVILION BUILDING ADDITION: DSA BACKCHECK - 06/25/2024

	MANUAL PULL STATION	SMOKE/HEAT DETECTION	TAMPER SWITCH	WATER FLOW SWITCH	OPEN SHORT GROUND FAULT	POST INDICATOR VALVE
REPORT ALARM AT FACP	✓	✓		✓		
REPORT ALARM AT ANNUNCIATOR	✓	✓		✓		
REPORT TROUBLE AT FACP			✓		✓	✓
REPORT TROUBLE AT ANNUNCIATOR			✓		✓	✓
SUPERVISORY SIGNAL AT FACP			✓			
REPORT CONDITION AT FACP	✓	✓		✓	✓	✓
REPORT CONDITION AT ANNUNCIATOR	✓	✓		✓	✓	✓
CONTACT CENTRAL STATION	✓	✓	✓	✓	✓	✓
MUTE BUILDING PUBLIC ADDRESS SYSTEM						
LAUNCH AUDIO AND VISUAL SIGNAL	✓	✓		✓		
TURN-OFF BUILDING AIR-HANDLING EQUIPMENT	✓	✓		✓		
INITIATE FIRE SPRINKLER BELL	✓	✓		✓		
INITIATE VOICE EVAC AND STROBES	✓	✓		✓		

UNTYPE/SYMBOL	DESCRIPTION	NUMBER OF WIRES
	CONDUIT CONCEALED IN FINISHED AREAS - EXPOSED IN UNFINISHED AREAS	
	CONDUIT STUB - TERMINATE WITH CAP	
	CONDUIT CONCEALED IN OR UNDER FLOOR SLAB	
	CONDUIT TURNING UP	
	CONDUIT TURNING DOWN	
	FLEXIBLE CONNECTION TO EQUIPMENT	
	WIRE MOLD RACEWAY	
	SENSOR LOOP WIRING NUMBER	ONE TWISTED PAIR PENN D990
	SENSOR LOOP WIRING NUMBER	TWO TWISTED PAIR WEST PENN D99
	UNDERGROUND SENSOR LOOP WIRING NUMBER	TWO PAIR-WEST PENN AQC225
	NOTIFICATION LINE WIRING CIRCUIT	2 #12 WEST PENN 998
	NOTIFICATION LINE WIRING CIRCUIT	4 #12 WEST PENN 998
	UNDERGROUND NOTIFICATION LINE WIRING CIRCUIT	T4 #12 WEST PENN AQC227
	NOTIFICATION SPEAKER - AUDIO	2 #18 WEST PENN D980
	UNDERGROUND NOTIFICATION SPEAKER-AUDIO	2 #16 WEST PENN AQC225
	24V UN-INTERRUPTIBLE POWER	2 #14 WEST PENN 994
	24V UN-INTERRUPTIBLE POWER	2 #14 WEST PENN AQC226
	EOL END OF THE LINE RESISTOR	

NOTES:

1. SEE SPECS AND CUTSHEET PACKAGE FOR ADDITIONAL WIRE INFORMATION
2. ALL CONDUIT USED FOR FIRE ALARM WIRE SHALL BE MINIMUM OF 3/4".

LUNTYPE/SYMBOL	DESCRIPTION
	FIRE ALARM CONTROL PANEL - POTTER IPA-4000V CSFM LISTING: 7170-0328-0532 INSTALLED AS PART OF DSA PROJECT #04-123792
	FIRE ALARM PULL STATION POTTER PAD100-PSA-PSDA CSFM LISTING: 7150-0328-0201
	TAMPER SWITCH- POTTER OSY2 CSFM LISTING: 7770-0328-0524
	FLOW SWITCH- POTTER PIBV2 CSFM LISTING: 7770-0328-0524
	MONITOR MODULE - PAD100-SIM CSFM LISTING: 7300-0328-0514
	SMOKE DETECTOR - POTTER PAD300-PD CSFM LISTING: 7272-0328-0541
	SPEAKER & STROBE UNIT - WALL MOUNTED TYPE # INDICATES CANDELA RATING FOR EACH STROBE POTTER PK-SP/STP SERIES CSFM LISTING: 7320-0328-0549
 WP	SPEAKER - WALL MOUNTED TYPE - WEATHERPROOF POTTER FASPK-WP/SPKST-204W SERIES CSFM LISTING: 7320-0328-0206

NOTES:

1. NOT ALL SYMBOLS MAY APPLY.
2. SEE SPECS AND DRAWINGS FOR SPECIFIC COMPONENT REQUIREMENTS.
3. INITIATING/DETECTION DEVICE CIRCUITS SHALL BE WIRED WITH CLASS "B".
4. NOTIFICATION DEVICE CIRCUITS SHALL BE WIRED WITH CLASS "B".

MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA-APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED TO THE STRUCTURE TO RESIST THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2022 CBC SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTER 13.26 AND 30:

- 1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
- 2. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G., HARD WIRED TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER - "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/20/120 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
- 3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE TO DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED OUTCROW, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS.

- A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- B. COMPONENTS WEIGHING MORE THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED LOADS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL, RESPONSIBLE CHARGE OF THE STRUCTURAL DESIGN. THE DESIGN PROFESSIONAL SHALL HAVE AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE
PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTIONS 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2022 CBC, SECTIONS 1617A.1.24, 1617A.1.25 AND 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G., OSHDP OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEM (E):

[] [MP] [MD] [PP] [X] E-OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

[] [MP] [MD] [PP] [] E-OPTION 2: SHALL COMPLY WITH THE APPLICABLE HCAI (OSHDP) PRE-APPROVAL (OPM#) OPM-####-##, AS INCLUDED IN THESE DRAWINGS WITH PROJECT-SPECIFIC NOTES AND DETAILS.

ABBREVIATION	DESCRIPTION
C.M.	CONSTRUCTION MANAGER
E.C.	ELECTRICAL CONTRACTOR
F.A.C.	FIRE ALARM CONTRACTOR
F.P.C.	FIRE PROTECTION CONTRACTOR
G.C.	GENERAL CONTRACTOR
M.C.	MECHANICAL CONTRACTOR
P.C.	PLUMBING CONTRACTOR
T.C.	TECHNOLOGY CONTRACTOR
T.C.C.	TEMPERATURE CONTROL CONTRACTOR

ABBREVIATION	DESCRIPTION
AFG	ABOVE FINISHED GRADE
CM	COUNTER MOUNTED
FBO	FURNISHED BY OTHERS
FF	FINISHED FLOOR
IG	ISOLATED GROUND
INV	EMERGENCY INVERTER
PED	PEDESTAL MOUNTED
UNO	UNLESS OTHERWISE NOTED
+XX	DIMENSIONED HEIGHT ABOVE FINISHED FLOOR
-XX	DIMENSIONED HEIGHT BELOW FINISHED FLOOR
1W	ONE WIRE
2W	TWO WIRE
3W	THREE WIRE
A	AMPERE
AFG	ABOVE FINISH GRADE
AWG	AMERICAN WIRE GAUGE
C.O.	CIRCUIT ONLY
D	DEDICATED DEVICE ON INDIVIDUAL BRANCH CIRCUIT. CIRCUIT CAN BE COMBINED WITH OTHER CIRCUITS FOR HOMERUNNING TO PANE
DN	DOWN
DISC.	DISCONNECT
DN	DOWN
DTR	DOWN THRU ROOF
EM	EQUIPMENT POWERED WITH EMERGENCY SOURCE INTERNAL OR EXTERNAL
FACP	FIRE-ALARM CONTROL PANEL
FD	FIRE DAMPER
FL	FULL LOAD AMPS
FSD	FIRE SMOKE DAMPER
FT,	FOOT OR FEET
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
INL,"	INCH OR INCHES
J-BOX	JUNCTION BOX
KVA	KILOVOLT AMPERE
KW	KILOWATT
MAX	MAXIMUM
MIN	MINIMUM
N/A	NOT APPLICABLE
NC	NOT IN CONTRACT
NO., #	NUMBER
NTS	NOT TO SCALE
RPS	REDUCE POWER SUPPLY
SPEC	SPECIFICATION
SD	SMOKE DETECTOR
TYP	TYPICAL
U.C.	UNDERGROUND CONDUIT
UNO	UNLESS NOTED OTHERWISE
U THRU ROOF	UP THRU ROOF
W	WIRES
WG	WIRE GUARD
WP	WEATHERPROOF

NOTES:

1. NOT ALL ABBREVIATIONS MAY APPLY.
2. FIRE ALARM SCHEDULES CONTAIN EQUIPMENT TAG ABBREVIATIONS THAT ARE HEREBY INCORPORATED INTO THE ABBREVIATION LIST.
3. SEE OTHER DISCIPLINE DRAWINGS WITHIN THE CONSTRUCTION DOCUMENTS FOR ABBREVIATIONS NOT DEFINED ABOVE OR IN FIRE ALARM SCHEDULES.

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE CODES, STANDARDS, AND MANUFACTURER'S INSTALLATION REQUIREMENTS.
2. REVIEW ALL PROJECT DOCUMENTS INCLUDING SPECS AND DRAWINGS PERTAINING TO ALL DISCIPLINES PRIOR TO SUBMITTING A BID. SUBMIT PRE-BID REQUEST FOR INFORMATION FOR ITEMS IN QUESTION AND/OR CONFLICTS FOUND.
3. DRAWINGS SHOW THE DESIGN INTENT DIAGRAMMATICALLY. THEY DO NOT SHOW THE EXACT UTILITY ROUTING NOR EVERY ELEVATION, OFFSET, ETC. WHERE REQUIRED, THE CONTRACTOR SHALL MAKE ADJUSTMENTS TO THEIR SYSTEMS TO AVOID CONFLICT WITH THE STRUCTURE AND OTHER DISCIPLINES. THE COST FOR SUCH ADJUSTMENTS SHALL BE INCLUDED IN THE BID.
4. OBTAIN AND PAY FOR ALL PERMITS REQUIRED FOR WORK PERFORMED.
5. OBTAIN UTILITY PUEYRVEYOR DIVERTEMENTS PRIOR TO PURCHASING EQUIPMENT OR PERFORMING WORK.
6. THE G.C. OR C.M. TEAM SHALL LEAD THE SUBCONTRACTORS IN PROVIDING A COORDINATED SET OF SHOP DRAWINGS. SEE GENERAL REQUIREMENTS SPEC FOR ADDITIONAL INFORMATION.
7. PROVIDE FIRSTSTOPPING FOR ALL UTILITY PENETRATIONS THRU FIRE-RATED ASSEMBLIES.
8. COORDINATE FRAMING REQUIREMENTS FOR ACCESS PANELS AND EQUIPMENT/PANEL SUPPORTS WITH G.C. OR C.M. PRIOR TO SUBMITTING BID.
9. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE CORRECTION OF CONSTRUCTION DEFICIENCIES LISTED ON THE JOB SITE OBSERVATION REPORT. RETURN THE JOB SITE OBSERVATION REPORT TO A/E/C WITH DEFICIENCIES SIGNED OFF. PROVIDE PHOTOGRAPHS AND/OR VIDEO EVIDENCE OF CORRECTED DEFICIENCIES IF REQUESTED BY THE ENGINEER.
10. PROVIDE CLOSOUT DOCUMENTATION UPON COMPLETION OF PROJECT. SEE GENERAL REQUIREMENTS SPEC FOR ADDITIONAL INFORMATION.
11. RECYCLE AND/OR SALVAGE FOR REUSE A MINIMUM OF 65% OF THE NONHAZARDOUS CONSTRUCTION AND DEMOLITION WASTE. UTILIZE A WASTE MANAGEMENT COMPANY THAT CAN PROVIDE VERIFIABLE DOCUMENTATION THAT THE PERCENTAGE OF CONSTRUCTION AND DEMOLITION WASTE MATERIAL DIVERTED FROM THE LANDFILL COMPLIES WITH CODE. SEE GENERAL REQUIREMENTS SPEC FOR ADDITIONAL INFORMATION.

1. FIRE ALARM WORK SHALL BE CONSTRUCTED IN A PROFESSIONAL MANNER. COMPONENTS SHALL BE CLEANED PRIOR TO OWNER TURNOVER.
2. THE SCHEDULED EQUIPMENT SHALL BE USED AS THE BASIS OF DESIGN. MODEL NUMBERS ARE PROVIDED FOR REFERENCE ONLY. EQUIPMENT SHALL MEET SPECIFIED PERFORMANCE. THE CONTRACTOR SHALL IDENTIFY ALL SELECTED OPTIONS IN THE SUBMITTAL.
3. IF A CONTRACTOR PROVIDES EQUIPMENT OTHER THAN THE BASIS OF DESIGN, THAT CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS INCURRED AS A RESULT. THAT INCLUDES, BUT IS NOT LIMITED TO, AGENCY FEES FOR REVIEW OF CHANGES, STRUCTURAL MODIFICATIONS FOR INCREASED WEIGHT, AND ELECTRICAL EQUIPMENT, WIRING, CONDUIT, AND BREAKER CHANGES FOR DIFFERENT ELECTRICAL REQUIREMENTS.
4. COORDINATE POWER REQUIREMENTS WITH THE E.C. PRIOR TO PROVIDING SUBMITTALS TO THE ENGINEER.
5. SEE SPEC SECTIONS 26 0533.13 FOR CONDUIT/RACEWAY SYSTEM INSTALLATION, AND CLEANING REQUIREMENTS.
6. PROVIDE CONDUIT OR RACEWAY EXPANSION JOINT THAT ACCOMMODATES THE BUILDING MOVEMENT WHERE CONDUIT OR RACEWAY CROSSES BUILDING EXPANSION JOINT.
7. PAINT INTERIOR EXPOSED CONDUIT/RACEWAY, PULL BOXES, AND ASSOCIATED HANGERS/SUPPORTS LOCATED IN OCCUPIED SPACES TO MATCH THE SURROUNDING ARCHITECTURAL COLOR SCHEME. PAINT EXTERIOR CONDUIT, PULL BOXES AND ASSOCIATED HANGERS/SUPPORTS ADJACENT TO EXTERIOR WALL TO MATCH WALL COLOR. FINAL COLORS SHALL BE APPROVED BY THE ARCHITECT AND ENGINEER. SEE SPEC SECTION 28 0500 FOR ADDITIONAL REQUIREMENTS.
8. PROVIDE IDENTIFICATION FOR CONDUIT, PULL BOXES, AND EQUIPMENT PER SPEC SECTION 26 0555.
9. CONDUIT/RACEWAY SHALL NOT PASS THRU NOR UNDER DATA ROOMS AND ROOF ACCESS HATCHES.
10. PULL BOXES SHALL BE ACCESSIBLE. PROVIDE KEYS ACCESS PANELS WHERE PULL BOXES HAVE BEEN LOCATED IN CONCEALED AREAS. ACCESS PANEL SIZE SHALL BE LARGE ENOUGH TO ACCESS EACH PULL BOX.
11. ALL FIRE ALARM LANDING ON PULL BOXES SHALL LAND IN TERMINAL BLOCKS. INSTALL TERMINAL BLOCK ON THE INSIDE BACK PART OF BOX. LAND AND TERMINATE INCOMING WIRES ON THE LEFT HAND SIDE. LAND AND TERMINATE OUTGOING WIRES ON THE RIGHT HAND SIDE.
12. DEVICES SHALL NOT BE SET TO OUTPUT SIGNALS AT A MAXIMUM OF 110 dB. A VISUAL DEVICE SHALL BE INCLUDED ON DEVICES WITH AMBIENT SOUND LEVELS ABOVE 105 dB.
13. WIRING SHALL BE TERMINATED FOR EACH DEVICE AND AVOID LOOPING.
14. FIRE ALARM CONTRACTOR SHALL PASS TESTS REQUIRED BY LOCAL FIRE DEPARTMENTS. CONTRACTOR IS RESPONSIBLE FOR ANY CORRECTIONS REQUIRED BY THE LOCAL FIRE DEPARTMENT.
15. FIRE ALARM PANEL SHALL BE ACCESSIBLE TO FIRE DEPARTMENT PERSONNEL AND AUTHORIZED MAINTENANCE DEPARTMENT.
16. ANNUNCIATION AT FIRE ALARM PANEL SHALL BE DIFFERENT BETWEEN A SUPERVISORY SIGNAL & TROUBLE SIGNAL.
17. FIRE ALARM CONTROL PANEL SHALL PROVIDE ANNUCIATOR PANEL, FIRE ALARM INITIATING DEVICES, AND NOTIFICATION DEVICES.
18. WIRING WITHIN EQUIPMENT AND TERMINAL CABINETS SHALL BE NUMBERED IN SEQUENTIAL ORDER. THIS NUMBERING ORDER SHALL BE MAINTAINED ALL THE WAY TO DEVICE FINAL CONNECTION.
19. HEAT DETECTORS ABOVE CEILING SHALL HAVE A MARKED LOCATION ON VISIBLE CEILING FOR ACCESS REQUIREMENTS.
20. INSTALL FIRE ALARM PANELS SUCH THAT THE TOP OF PANEL IS NO HIGHER THAN 6'-0" ABOVE FINISH FLOOR.

 X-#
 WG

X = DATA CIRCUIT NUMBER
 # = DEVICE NUMBER
 WG= WIRE GUARD

 XX CD XX = CANDELA SIZE
 Y# Y = FACP/RPS # = CIRCUIT NUMBER
 A# A = AMP. PANEL # = CIRCUIT NUMBER
 W# W = WATTAGE SIZE
 WG WG= WIRE GUARD

Sheet Number	Sheet Name
FA-0.1	FIRE ALARM COVER SHEET
FA-1.0	FIRE ALARM - SITE PLAN
FA-2.0	FIRE ALARM - FLOOR PLAN
FA-4.0	FIRE ALARM - DETAILS

EDITION	REFERENCE CODE/STANDARD
2022	CALIFORNIA ADMINISTRATIVE CODE, (CCR, TITLE 24, PART 1)
2022	CALIFORNIA BUILDING CODE, (CCR, TITLE 24, PART 2)
2022	CALIFORNIA ELECTRICAL CODE, (CCR, TITLE 24, PART 3)
	CALIFORNIA MECHANICAL CODE, (CCR, TITLE 24, PART 4)
2022	CALIFORNIA PLUMBING CODE, (CCR, TITLE 24, PART 5)
2022	CALIFORNIA ENERGY CODE, (CCR, TITLE 24, PART 6)
2022	CALIFORNIA HISTORICAL BUILDING CODE, (CCR, TITLE 24, PART 8)
2022	CALIFORNIA FIRE CODE, (CCR, TITLE 24, PART 9)
2022	CALIFORNIA EXISTING BUILDING CODE, (CCR, TITLE 24, PART 10)
2022	CALIFORNIA GREEN BUILDING STANDARDS, (CCR, TITLE 24, PART 11)
2022	CALIFORNIA REFERENCED STANDARDS CODE, (CCR, TITLE 24, PART 12) TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE REGULATIONS.

APPLICABLE STANDARDS
FOR A LIST OF APPLICABLE STANDARDS, INCLUDING CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS, REFER TO CBC CHAPTER 35 AND CFC CHAPTER 80.

CCR-CALIFORNIA CODE OF REGULATIONS
NEPA-NATIONAL FIRE PROTECTION AGENCY

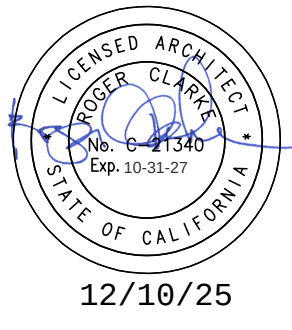
SYMBOL	DESCRIPTION
 	DETAIL CALL-OUT SYMBOL EQUIPMENT TAG KEYNOTE SYMBOL POINT OF CONNECTION OR DISCONNECTION SECTION CUT CALL-OUT SYMBOL
LINE TYPE	DESCRIPTION
 	EXISTING TO REMAIN EXISTING TO BE REMOVED NEW CONSTRUCTION
(E)	EXISTING TO REMAIN
(X)	EXISTING TO BE REMOVED

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PROJECT #:230056.00

CONSULTANT BRANDING

AGENCY APPROVAL
File No: 36-H4 A# 04-123039

RUHNAU
CLARKE
ARCHITECTS

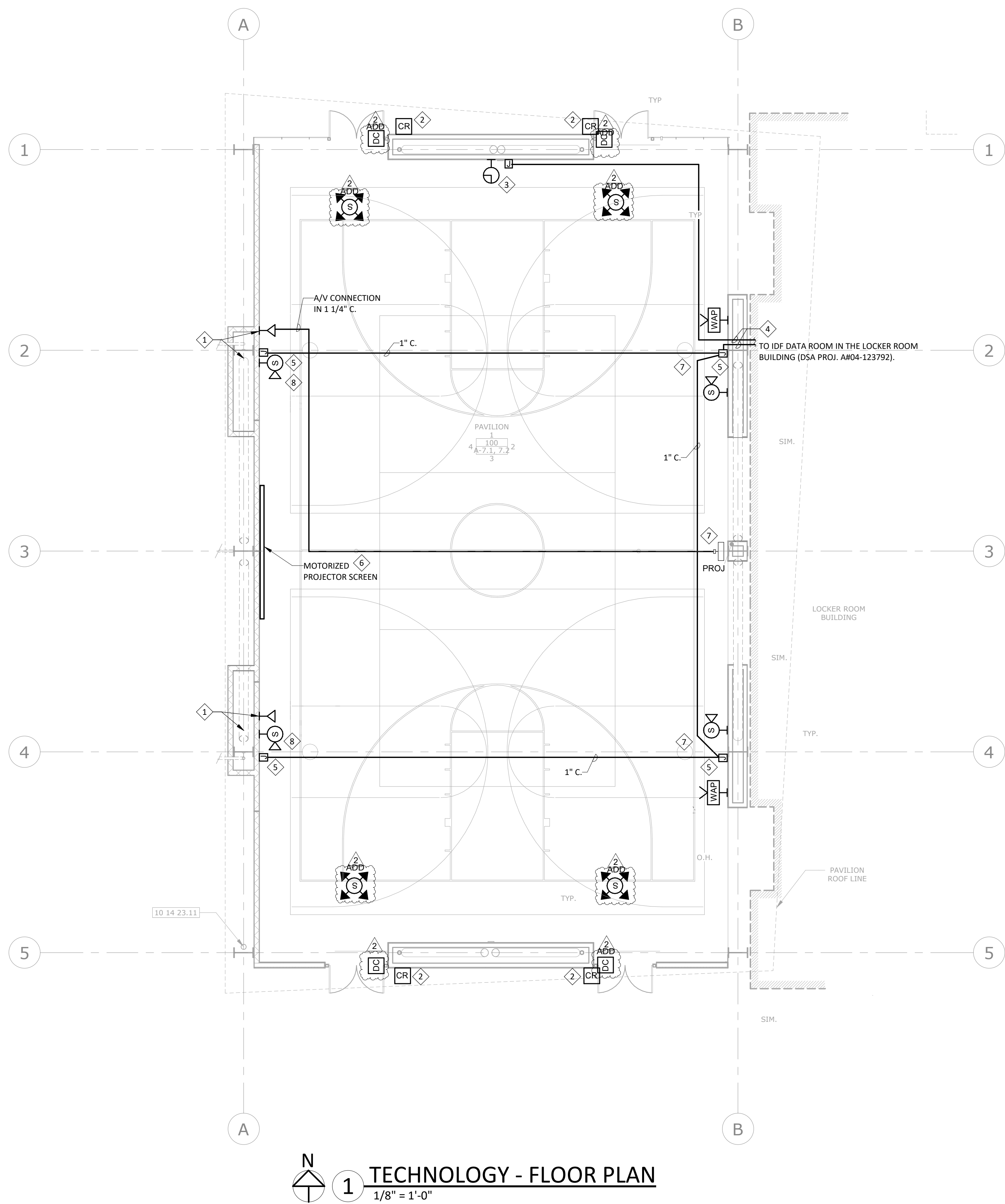


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CLARKE
ARCHITECTS

CONSULTANT BRANDIN

GENERAL NOTES - T-2.0	
NUMBER	TEXT
1	PRIOR TO INSTALLATION, THE CONSTRUCTION TEAM SHALL COORDINATE PROPOSED UTILITY ROUTING, EQUIPMENT/DEVICE LOCATIONS, CODE-REQUIRED AND MAINTENANCE CLEARANCES AMONGST EACH OTHER TO ENSURE NO TWO OBJECTS OCCUPY THE SAME SPACE. SUCH COORDINATION SHALL BE SUBMITTED TO THE A/E AND OWNER'S REPRESENTATIVE IN THE FORM OF ELECTRONIC FLOOR PLANS. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2	THE BOGAN COMMUNICATIONS, INC. PA SYSTEM IS A VENDOR-ENGINEERED SYSTEM. CONTRACTOR SHALL ENGAGE BOGAN-AUTHORIZED VENDOR TO PROVIDE A COMPLETE DESIGN FOR THE EXTENSION OF THE EXISTING SYSTEM TO ADD PA SPEAKERS WITHIN THE NEW PAVILION. CONTRACTOR SHALL SUBMIT FINAL FOR APPROVAL, AS PART OF THE SUBMITTAL REVIEW PROCESS, THE VENDOR-ENGINEERED DESIGN FOR THE EXTENSION OF THE EXISTING PA SYSTEM. ALL MATERIALS, INTEGRATION, AND PROGRAMMING REQUIRED TO EXTEND THE EXISTING SYSTEM AND PROVIDE SPEAKERS WITHIN THE PAVILION ARE PART OF THE CONTRACT SCOPE OF WORK.
3	ALL LOW-VOLTAGE CABLING SHALL BE IN CONDUIT, NO OPEN CABLING ROUTING WITHIN PAVILION IS PERMITTED. CONCEAL CONDUIT TO THE EXTENT POSSIBLE, HELD TIGHTLY TO STRUCTURE WHERE POSSIBLE.

	KEYNOTES - T-2.0	TEXT
NUMBER		
1	INSTALL DATA OUTLET FLUSH-MOUNT IN CWM MALL AT THIS LOCATION. UTILIZE BOXED AREA (X-BRACING) BEHIND WALL TO CONCEAL CONDUIT/CABLEBOX.	ROUTE ASSOCIATED CONDUIT VERTICALLY TIGHT TO STRUCTURAL COLUMN TO CONCEAL CONDUIT TO THE EXTENT POSSIBLE.
2	PROVIDE CONDUIT AND CABLEBOX ROUGH-IN FOR FUTURE USE BY OTHERS (ACCESS CONTROL CARD READERS) AT EXTERIOR DOORS. UTILIZE BOXED AREA (X-BRACING) BEHIND WALL TO CONCEAL CONDUIT/CABLEBOX. ROUTE ASSOCIATED CONDUIT VERTICALLY TIGHT TO STRUCTURAL COLUMN TO CONCEAL CONDUIT TO THE EXTENT POSSIBLE.	
3	PROVIDE CONDUIT AND CABLEBOX ROUGH-IN AT THIS LOCATION FOR FUTURE USE BY OTHERS (SYNCHRONIZED CLOCK SYSTEM). PROVIDE BATTERY-OPERATED, 20-INCH ANALOG ATOMIC CLOCK WITH WIRE GROUND (GLOBAL INDUSTRIAL MODEL NO. 695323) AT THIS LOCATION.	
4	SEAL ROUGH-IN AT THIS LOCATION TO DATA ROOM WITH ADJACENT LOCKER ROOM BUILDING. PROVIDE PULL STRING. SEE DETAIL 10/E-4.0 FOR CONDUIT CROSSING EXPANSION JOINT BETWEEN BUILDINGS.	
5	PROVIDE CONDUIT AND CABLEBOX ROUGH-IN AT THIS LOCATION FOR FUTURE USE BY OTHERS (AMPLIFIED SPEAKER SYSTEM).	
6	MOUNT TOP OF PROJECTOR SCREEN AT 18'-0" AFF.	
7	MOUNT PROJECTOR, WARS, AND SPEAKERS AT 18'-0" AFF (CENTERLINE) ON WALL (LOCKER ROOM) COLUMN AT THE LOCATION. PROVIDE FIRE GUARDS.	
8	MOUNT SPEAKERS AT 18'-0" AFF (CENTERLINE) ON STRUCTURAL COLUMN AT THIS LOCATION. PROVIDE FIRE GUARDS.	



EQUIPMENT SCHEDULE - TECHNOLOGY				
TAG NAME	EQUIPMENT DESCRIPTION	MANUFACTURER	MODEL	REMARKS
PROJECTOR - VIDEO	LARGE-VENUE LASER PROJECTOR WITH 4K ENHANCEMENT HEAVY-DUTY, WEATHERPROOF PROTECTIVE CASE ENCLOSURE	EPSON AMERICA, INC.	PROJECTOR - EB-PV1008B, LENSES - ELPLM10	8,500 LUMEN OUTPUT, MEDIUM-THROW LENS, WIFI ENABLED CONTROLS, PROJECTOR WALL MOUNT AT 18'-0" AFF. SEE DETAIL 3/0-2/5 FOR MOUNTING, 40 LBS. MAX.
MOTORIZED PROJECTOR SCREEN	COMMERCIAL GRADE, OUTDOOR-RATED, MOTORIZED LARGE-VENUE PROJECTION SCREEN	ELITE SCREENS, INC.	SCREEN - OM516GH-ELECTRIC MOTORIZED	UNITRUST MOUNTED PROJECTOR SCREEN TO THE COLUMN. SEE DETAIL 2/50-2/5 FOR MOUNTING, 16.9 FORMAT, MATTE WHITE, WIDE DIFFUSION UNIFORMITY, BLACK BACKING, WALL BOX CONTROLLER, 94.2"x155.2", WIRELESS PROJECTOR TRIGGER SCREEN UP/DOWN SYNC W/ PROJECTOR POWER CYCLE. REDUNDANT MANUAL KEYPED SWITCH UP/DOWN CONTROL. 159 LBS. MAX.