

## Addendum

**No.** 01  
**Date:** 01-24-2025  
**Project:** Clackamas Fire District Training Warehouse  
**Architect:** Scott Edwards Architecture, LLP  
 2525 E. Burnside Street  
 Portland, Oregon 97214  
 Phone: (503) 226-3617  
 Fax: (503) 226-3715

Incorporate the following clarifications, revisions, additions and/or corrections into the bid documents for the above referenced project:

### Project Manual:

Section 00 01 10	Table of Contents, revised.
Section 00 11 13	Invitation to Bid, revised bid security to 10%
Section 00 43 23	Alternates Form, added.
Section 01 23 00	Alternates, added

### Drawings:

#### Architectural

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Sheet G0.01	<ol style="list-style-type: none"> <li>1. Deductive Bid Alternates #1 added identifying the PEMP addition, in its entirety, as a deductive alternate.</li> <li>2. Delegated / Bidder Design Items list modified adding #8, Handrails and guardrails and their attachments.</li> <li>3. Deferred Submittal list modified adding #8; COMcheck lighting compliance Report and #9; Guardrail and handrail design and connections.</li> </ol>
Sheet A2.12	<ol style="list-style-type: none"> <li>1. Drawing 2 – Mezzanine Floor Plan; Added handrails to each side of new stair, detail revised.</li> <li>2. Drawing 2 – Mezzanine Floor Plan; Added guardrail and gate at the new ladder, added interior elevations of the guardrail.</li> </ol>
Sheet A7.01	<ol style="list-style-type: none"> <li>1. Detail 8 revised to show handrail scope of work</li> </ol>
Sheet A8.01	<ol style="list-style-type: none"> <li>1. Interior Elevations 17 &amp; 18 added showing Guardrail scope of work.</li> </ol>

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## Questions & Answers:

Question: *"Will a fire alarm specifications be provided?"*

Response: No. The intent is to modify/expand the existing system.

Question: *"There are several division 26 specification sections that do not appear to pertain to the scopes of work. Will the specification be adjusted to be project specific? Specifically, 260573-Electrical Distribution System Studies as this would be a cost impact that isn't reflective of the scope of work."*

Response: Oregon Electrical Specialty Code (OESC) sections 110.9, 110.10, and 110.24 require equipment to be selected and coordinated with available fault current. Modifications at this site are not anticipated to impact the available fault current available, so the new equipment ratings may match existing equipment to be replaced or will need to be calculated for new equipment. This will apply to mechanical and electrical equipment to be replaced. NEC section 110.16 requires Arc-Flash Hazard Warning labels for electrical equipment.

Question: *"Are 260923-Occupancy and Vacancy Sensors and 260924-Daylighting Controls needed and/or wanted and if so where? CFD has not liked and had issues with automated controls in the past?"*

Response: Lighting controls are required per Oregon Energy Efficiency Specialty Code (OEESC) section 9 in spaces where new lighting is installed.

Question: *"Other than fire alarm are there any low voltage systems (voice/data, speakers, access control or Tap-Out) that need to be provided by the respective project contractors or is that owner provided? Maybe boxes and raceways by contractors and systems by owner? If by contractor then does the owner have standards?"*

Response: There are no additional low voltage systems in the scope of work.

Question: *"Will a fire alarm specification be provided that matches the existing fire alarm system?"*

Response: No

Question: *"Can as-built drawings for the existing fire alarm system be provided?"*

Response: No, none are available.

Question: *"Other than the lights and the door motor are there any electrical needs for the new App Bay?"*

Response: Yes, convenience receptacles. See spec section 260000 1.4.B.5.g.

Question: *"The drawings for both the training center and fire station 12 are provided with light fixture information or a schedule but warehouse drawings do not. Is this an intentional omission and they are bidder design or can a preferred light fixture schedule be provided.?"*

Response: Yes, this is intentional and are bidder design.

Question: *"Do provisions need to be provided with the two new shop fans for a fire alarm and/or HVAC control connection?"*

Response: There is only 1 new fan. The other is existing but being relocated. See spec section 230000 1.4.B.5.

Question: *"What are the control needs for the shop fan and where are they to be located? Possible options 1 or 2 basic on off switch, 1 or 2 fan speed switches, 1 or 2 manufacturer controllers, etc?"*

Response: The fan controls may be located on the north wall of RR/Changing 111. Basic functions including on/off and fan speed.

Question: *"Are any receptacles needed or wanted near any of the restroom/washroom sinks?"*  
Response: Electrical receptacles are desired at the sinks in the restrooms. See spec section 260000 1.4.B.5.b.

Question: *"please inform if the PEMB is OFOI, OFCI, or CFCI?"*  
Response: The PEMB is CFCI. Also, the PEMP has been designated as Deductive Bid Alternate #1.

Question: *"Please provide As-built electrical drawings for these two project buildings, specifically the electrical as-builts?"*  
Response: None are available.

Question: *"Please provide Panel schedules for all panels showing current capacity in the building"*  
Response: None are available.

Question: *"Do you have any photos of the electrician room for review of equipment that is currently feeding the building?"*  
Response: No.

Question: *"Please verify if this building has a fire alarm system?" "Please verify manufacturer and model of fire alarm panel if there is one."*  
Response: Yes. The manufacturer and model are not known at this time.

Question: *"Conc 1 is referred to on the plans as sealing. However, the specifications for both state polishing. Please clarify"*  
Response: The Apparatus Bay (Deductive Alternate #1) is to only have sealing. All other areas, where designated, are to be sealed and polished.

Question: *"Detail 18/S4.01 shows an "Auto Belay Support" per deferred submittal. This item is not listed on the deferred submittal list, nor is the quantity shown on elevation 4/A8.01. Please clarify."*  
Response: The deferred submittal is listed as "Fall restraint apparatus & connection to structure" on Sheet S0.01. However, the auto belay devices will be supplied and installed by the owner. The auto belay devices are not in the scope of work for this project.

Question: *"Please confirm bid security percentage. The ITB states 10%, however the spec has it listed as 5%"*  
Response: The bid security is 10%. The specification has been revised to read 10%.

Question: *"Would there be any consideration given to staggering the bid due dates so contractors can bid on all three projects?"*  
Response: Unfortunately, no.

Question: *"Are the projects going to require Division 27 / Communication work?"*  
Response: No

Question: *"Are the projects going to require Division 28 / fire alarm work?"*  
Response: No

Question: *"Will the academy training schedule be published so contractors can produce a schedule around critical dates?"*  
Response: The academy schedule will be provided to the awarded contractor.

**Attachments:**

1. Spec Section 000110 - Table of Contents
2. Spec Section 001113 – Invitation to Bid
3. Spec Section 004323 - Alternates Form
4. Spec Section 012300 - Alternates
5. Drawing Sheets G0.01, A2.12, A7.01, A8.01

END OF ADDENDUM

## SECTION 00 01 10

00 01 10 Table of Contents

### DIVISION 00 – PROCUREMENT AND CONTRACTING REQUIREMENTS

00 01 13	Invitation to Bid
00 21 00	Instructions to Bidders [AIA Document A701-2018]
00 41 33	Bid Form
00 43 13	Bid Security
00 43 23	Alternates
00 43 25	Pre-Bid Substitution Form
00 43 73	Proposed Schedule of Values
00 43 93	Bid Submittal Checklist
00 45 21	First Tier Subcontractor Disclosure Form
00 45 23	Non-Collusion Affidavit
00 52 00	Contract for Construction [AIA Document A101-2017]
00 61 13	Performance and Payment Bond
00 72 00	General Conditions [AIA Document A201-2017]
00 73 13	Supplementary General Conditions
00 73 43	Prevailing Wage Rates
00 73 73	State of Oregon – Public Contracting Clauses

### DIVISION 01 – GENERAL REQUIREMENTS

01 10 00	Summary
01 21 00	Allowances
<u>01 23 00</u>	<u>Alternates</u>
01 25 00	Substitution Procedures
01 25 00	Substitution Request Form
01 26 00	Contract Modification Procedures
01 29 00	Payment Procedures
01 31 00	Project Management and Coordination
01 32 00	Construction Progress Documentation
01 32 33	Photographic Documentation
01 33 00	Submittal Procedures
01 35 16	Alteration Project Procedures
01 40 00	Quality Requirements
01 42 00	References
01 50 00	Temporary Facilities and Controls
01 60 00	Product Requirements
01 73 00	Execution
01 74 19	Construction Waste Management and Disposal
01 77 00	Closeout Procedures
01 78 23	Operation and Maintenance Data
01 78 39	Project Record Documents
01 79 00	Demonstration and Training

### DIVISION 02 – EXISTING CONDITIONS

02 41 19 Selective Demolition

SECTION 00 01 10 - 1

Clackamas Fire Training Warehouse – Clackamas, OR  
SEA Project No. 24083 | 12-20-24 (Addenda 1, 01-24-25)

## SECTION 00 01 10

### DIVISION 03 – CONCRETE

- 03 10 00 Concrete Forming and Accessories
- 03 20 00 Concrete Reinforcing
- 03 30 00 Cast-In-Place Concrete
- 03 35 43 Polished Concrete Finishing

### DIVISION 04 – MASONRY

NOT USED

### DIVISION 05 – METALS

- 05 40 00 Cold-Formed Metal Framing
- 05 50 00 Metal Fabrications

### DIVISION 06 – WOOD, PLASTICS, AND COMPOSITES

- 06 10 00 Rough Carpentry
- 06 16 00 Sheathing
- 06 41 16 Plastic-Laminate-Clad Architectural Cabinets

### DIVISION 07 – THERMAL AND MOISTURE PROTECTION

- 07 11 13 Bituminous Dampproofing
- 07 21 00 Thermal Insulation
- 07 62 00 Sheet Metal Flashing and Trim
- 07 71 29 Manufactured Roof Expansion Joints
- 07 84 13 Penetration Firestopping
- 07 84 43 Joint Firestopping
- 07 92 00 Joint Sealants
- 07 95 13.13 Interior Expansion Joint Cover Assemblies
- 07 95 13.16 Exterior Expansion Joint Cover Assemblies

### DIVISION 08 – OPENINGS

- 08 11 13 Hollow Metal Doors and Frames
- 08 31 13 Access Doors and Frames
- 08 36 13 Sectional Doors
- 08 71 00 Door Hardware
- 08 80 00 Glazing
- 08 83 00 Mirrors

### DIVISION 09 – FINISHES

- 09 22 16 Non-Structural Metal Framing
- 09 29 00 Gypsum Board
- 09 65 13 Resilient Base and Accessories
- 09 65 19 Resilient Tile Flooring
- 09 68 13 Tile Carpeting
- 09 91 13 Exterior Painting
- 09 91 23 Interior Painting

### DIVISION 10 – SPECIALTIES

- 10 14 23.16 Room-Identification Panel Signage
- 10 26 00 Wall and Door Protection

## SECTION 00 01 10 - 2

Clackamas Fire Training Warehouse – Clackamas, OR  
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## SECTION 00 01 10

- 10 28 00 Toilet, Bath, and Laundry Accessories
- 10 28 19 Tub and Shower Enclosures

### DIVISION 11 – EQUIPMENT

NOT USED

### DIVISION 12 – FURNISHINGS

- 12 36 61.16 Solid Surfacing Countertops

### DIVISION 13 – SPECIAL CONSTRUCTION

- 13 34 19 Metal Building Systems

### DIVISION 14 – CONVEYING EQUIPMENT

NOT USED

### DIVISION 21 – FIRE SUPPRESSION

NOT USED

### DIVISION 22 – PLUMBING

- 22 00 00 Plumbing Basic Requirements
- 22 05 13 Common Motor Requirements for Plumbing Equipment
- 22 05 19 Plumbing Devices
- 22 05 23 General-Duty Valves for Plumbing Piping
- 22 05 29 Hangers and Supports for Plumbing Piping and Equipment
- 22 05 48 Vibration and Seismic Controls for Plumbing Piping and Equipment
- 22 05 53 Identification for Plumbing Piping and Equipment
- 22 07 00 Plumbing Insulation
- 22 10 00 Plumbing Piping
- 22 30 00 Plumbing Equipment
- 22 40 00 Plumbing Fixtures

### DIVISION 23 – HEATING, VENTILATING, AND AIR-CONDITIONING (HVAC)

- 23 00 00 Heating, Ventilating and Air Conditioning (HVAC) Basic Requirements
- 23 05 13 Common Motor Requirements for HVAC Equipment
- 23 05 29 Hangers and Supports for HVAC Piping, Ductwork and Equipment
- 23 05 48 Vibration and Seismic Controls for HVAC Equipment
- 23 05 53 Identification for HVAC Piping, Ductwork and Equipment
- 23 05 93 Testing, Adjusting, and Balancing for HVAC
- 23 07 00 HVAC Insulation
- 23 11 23 Facility Fuel – Natural Gas Piping and Systems
- 23 31 00 HVAC Ducts and Casings
- 23 33 00 Air Duct Accessories
- 23 34 00 HVAC Fans
- 23 37 00 Air Outlets and Inlets
- 23 81 26 Small Split System and Unitary HVAC Equipment
- 23 82 00 Terminal Heat Transfer Equipment

### DIVISION 26 – ELECTRICAL

- 26 00 00 Electrical Basic Requirements
- 26 05 09 Equipment Wiring
- 26 05 19 Low-Voltage Electrical Power Conductors and Cables
- 26 05 29 Hangers and Supports for Electrical Systems and Equipment

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**SECTION 00 01 10**

26 05 33 Raceways  
26 05 34 Boxes  
26 05 53 Identification for Electrical Systems  
26 05 73 Electrical Distribution System Studies  
26 09 23 Occupancy and Vacancy Sensors  
26 09 24 Daylighting Controls  
26 22 00 Low-Voltage Transformers  
26 24 16 Panelboards  
26 27 26 Wiring Devices  
26 28 00 Overcurrent Protective Devices  
26 28 16 Enclosed Switches and Circuit Breakers  
26 51 00 Lighting

**DIVISION 27 – COMMUNICATIONS**

**NOT USED**

**DIVISION 28 – ELECTRONIC SAFETY AND SECURITY**

**NOT USED**

**DIVISION 31 – EARTHWORK**

**NOT USED**

**DIVISION 32 – EXTERIOR IMPROVEMENTS**

**NOT USED**

**DIVISION 33 – UTILITIES**

33 46 00 Subdrainage

**END OF DOCUMENT**

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Clackamas Fire Training Warehouse – Clackamas, OR  
SEA Project No. 24083 | 12-20-24 [\(Addenda 1, 01-24-25\)](#)



**SECTION 00 11 13  
INVITATION TO BID**

**SECTION 00 11 13 – INVITATION TO BID**

1.1 PROJECT INFORMATION

- A. Notice to Bidders: Qualified bidders may submit bids for project as described in this Document. Submit bids according to the Instructions to Bidders.
  - 1. Regulatory Requirements: Oregon Revised Statutes Chapter 279C shall govern submittal, opening, and award of bids.
- B. Project Identification: Clackamas Fire District Training Warehouse.
  - 1. Project Location: 16170 SE 130<sup>th</sup> Ave, Clackamas, OR 97015.
- C. Owner: Clackamas Fire District  
11300 SE Fuller Rd, Milwaukie, OR 97222.
- D. Architect: Scott Edwards Architecture, LLP  
2525 E. Burnside St  
Portland, OR 97214
- E. Project Description: Project is a tenant improvement and consists of the construction of new non-structural walls and finishes.
  - 1. Project cost range is anticipated to be under **\$450,000**.
- F. Construction Contract: Bids will be received for the following Work:
  - 1. General Contract (all trades).

1.2 BID SUBMITTAL AND OPENING

- A. Owner will receive sealed lump sum bids until the bid time and date at the location given below. Owner will consider bids prepared in compliance with the Instructions to Bidders issued by Owner, and delivered as follows:
  - 1. Bid Date: January 30, 2025.
  - 2. Bid Time: **2:00 p.m.**, local time.
  - 3. Location: Clackamas Fire District, Station #1  
11300 SE Fuller Rd.  
Milwaukie, OR 97222
- B. Bids will be thereafter publicly opened and read aloud.

1.3 BIDDING DOCUMENTS

- A. Online Procurement and Contracting Documents: All bidding documents can be found on the district website.
- B. Questions or requests for clarification shall be directed in writing to the Architect, via email at [bdole@seallp.com](mailto:bdole@seallp.com). All written questions must be received by 2:00pm, prevailing local time, **Thursday January 23, 2025**. The Architect will determine appropriate responses, if any, and if necessary, an Addendum will be issued to all plan holders of record by January 27, 2025. Any verbal response(s) obtained from any source by bidders will be considered information and shall not be relied upon by bidders.

1.4 PREBID MEETING

- A. Prebid Meeting: A Mandatory Prebid meeting for all bidders will be held in person on **Tuesday January 14, 2025, at 10:00 a.m.**, prevailing local time. Prospective prime bidders are **required** to attend.
  - 1. Bidders' Questions: Architect will provide responses at Prebid conference to bidders' questions received up to two (2) business days prior to conference.

1.5 BID SECURITY

- A. Bid security in the form of a cashier's check or Bid Bond per Section 00 43 13 of the Project Manual shall be submitted with each bid in the amount of ~~five ten~~ (5% 10%) percent of the bid amount. No bids may be withdrawn for a period of sixty (60) days after

**SECTION 00 11 13  
INVITATION TO BID**

opening of bids. Owner reserves the right to reject any and all bids and to waive informalities and irregularities.

1.6 FIRST TIER SUBCONTRACTOR DISCLOSURE

- A. All bidders must complete and submit the First Tier Subcontractor Disclosure Form per State of Oregon Revised Statutes (ORS) ORS 279C.370 as required by Section 00 45 21 of the Project Manual by **3:00pm on the day set for opening of bids**. The first tier Subcontractor Disclosure Form, if submitted separately, shall be submitted in a sealed envelope plainly marked on the outside with project name, bid date and time, "First Tier Subcontractor Disclosure Form", bidder's name and contractor's Oregon stat CCB license number. The Owner must reject a bid as non-responsive if a bidder fails to submit the subcontractor disclosure form by the deadline.

1.7 RIGHT TO REJECT OR WITHDRAW BIDS

- A. The Owner reserves the right to waive minor informalities in the bids. In addition, the Owner may reject any bid proposal not in compliance with prescribed bidding procedures and may reject, for good cause, any and all bid proposals upon finding of the Owner that it is in their interest to do so.
- B. No bidder may withdraw a bid after the hour set for receipt of bids unless thirty (60) days have elapsed, and the Owner has not let a contract.

1.8 INTENT TO AWARD/ PROTEST PERIOD

- A. Subsequent to opening of the bids and determination of a bid within the acceptable project budget, a **Notice of Intent to Award** will be emailed to the qualified low bidder with a copy to all other contractors submitting a bid. Bidders shall have seven (7) calendar days from the Notice of Intent to Award date within which to review the bid files (by appointment), request any clarifications, or submit a written protest. After the expiration of the seven (7) day period and giving due consideration to any protest the owner shall proceed with the formal award of the Contract for Construction.
- B. All award protests must be in writing and either mailed or hand-delivered to: **Clackamas Fire District, 11300 SE Fuller Rd, Milwaukie, OR 97222** and received within the protest period. The Owner shall not consider any written protest not received by this deadline.

1.9 AWARD OF CONTRACT

- A. Award will be based on the sum of the Base Bid.

1.10 PROJECT SCHEDULE

- A. It is a condition of the Bid that all work on this project shall be completed no later than **4 months** from Notice to Proceed, not including any extension in contract time authorized by approved Change Order. The anticipated construction start date is to be **within 14 days of contract execution**. Submission of a Bid shall indicate Bidder agrees to pay as **liquidated damages**, the amount of five hundred dollars (\$150) per calendar day beyond said substantial completion date, one thousand dollars (\$250) per calendar day beyond said final completion deadline, until all work is determined complete.

1.11 PREVAILING WAGE RATES

- A. This project is a public works project. By signing the bid, the bidder agrees to comply with the provisions of ORS 279C.800-870 and are subject to the federal prevailing wage provisions of Davis-Bacon Act 40 U.S.C. 3141.
- B. State of Oregon Bureau of Labor and Industries (BOLI) Prevailing Rate of Wage apply to all work in this project including work performed by Subcontractors.
- C. These wage rates are included in **Section 00 73 43** of the Project Manual. When two different wage rates area listed, the higher of the two shall apply. See supplemental conditions for more information on prevailing wages.

**SECTION 00 11 13  
INVITATION TO BID**

- D. All contractors and sub-contractors must be able to provide evidence of a current Public Works Bond.

1.12 ADDENDA

- A. The plan center listed will notify its potential bidders registered of addenda.

**END OF DOCUMENT**

**SECTION 00 43 23  
ALTERNATES FORM**

**SECTION 00 43 23 - ALTERNATES FORM**

1.1 BID INFORMATION

- A. Bidder: \_\_\_\_\_.
- B. Project Name: Clackamas Fire District Training Warehouse.
- C. Project Location: 16170 SE 130<sup>th</sup> Ave, Clackamas, Oregon, 97015.
- D. Owner: Clackamas Fire District.
- E. Owner Project Number: 300025001-2.
- F. Architect: Scott Edwards Architecture, LLP.
- G. Architect Project Number: 24083.

1.2 BID FORM SUPPLEMENT

- A. This form is required to be attached to the Bid Form.

1.3 DESCRIPTION

- A. The undersigned Bidder proposes the amount below be deducted from the Base Bid if particular alternates are accepted by Owner. Amounts listed for each alternate include costs of related coordination, modification, or adjustment.
  - 1. Cost-Plus-Fee Contract: Alternate price given below includes adjustment to Contractor's Fee.
- B. If the alternate does not affect the Contract Sum, the Bidder shall indicate "NO CHANGE."
- C. If the alternate does not affect the Work of this Contract, the Bidder shall indicate "NOT APPLICABLE."
- D. The Bidder shall be responsible for determining from the Contract Documents the affects of each alternate on the Contract Time and the Contract Sum.
- E. Owner reserves the right to accept or reject any alternate, in any order, and to award or amend the Contract accordingly within [60] days of the Notice of Award unless otherwise indicated in the Contract Documents.
- F. Acceptance or non-acceptance of any alternates by the Owner shall have no affect on the Contract Time unless the "Schedule of Alternates" Article below provides a formatted space for the adjustment of the Contract Time.

1.4 SCHEDULE OF ALTERNATES

- A. Alternate No. 01: Products, materials, structure, and installation of apparatus bay 117 in Its entirety including Door 117B and the new 1-hour rated partition:
  - 1. DEDUCT \_\_\_ NO CHANGE \_\_\_ NOT APPLICABLE \_\_\_.
  - 2. \_\_\_\_\_ Dollars  
(\$ \_\_\_\_\_).
  - 3. DEDUCT \_\_\_ calendar days to adjust the Contract Time for this alternate.

1.5 SUBMISSION OF BID SUPPLEMENT

- A. Respectfully submitted this \_\_\_ day of \_\_\_\_\_, <Insert year>.
- B. Submitted By: \_\_\_\_\_ (Insert name of bidding firm or corporation).
- C. Authorized Signature: \_\_\_\_\_ (Handwritten signature).
- D. Signed By: \_\_\_\_\_ (Type or print name).
- E. Title: \_\_\_\_\_ (Owner/Partner/President/Vice President).

**END OF DOCUMENT**

**SECTION 01 23 00  
ALTERNATES**

**SECTION 01 23 00 - ALTERNATES**

**PART 1 - GENERAL**

1.1 SUMMARY

- A. Section includes administrative and procedural requirements for alternates.

1.2 DEFINITIONS

- A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the bidding requirements that may be added to or deducted from the base bid amount if the Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.
1. Alternates described in this Section are part of the Work only if enumerated in the Agreement.
  2. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternates into the Work. No other adjustments are made to the Contract Sum.

1.3 PROCEDURES

- A. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
1. Include, as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation, whether or not indicated as part of alternate.
- B. Execute accepted alternates under the same conditions as other Work of the Contract.
- C. Schedule: A Part 3 "Schedule of Alternates" Article is included at the end of this Section.

**PART 2 - PRODUCTS (Not Used)**

**PART 3 - EXECUTION**

3.1 SCHEDULE OF ALTERNATES

- A. See Drawings for complete list of alternates and descriptions.

**END OF SECTION**



Digitally signed by Sid Scott  
Date: 2025.01.23 10:06:41-08'00'

# CLACKAMAS FIRE TRAINING WAREHOUSE

Job Number: 24083

16170 SE 130th AVE  
CLACKAMAS, OR. 97015



FILE PATH: C:\Revit\_Local\24083 CFD Training Warehouse\_v24\_ijorgensenZEPNR.rvt

THESE DRAWINGS ARE THE ORIGINAL UNPUBLISHED WORK OF THE ARCHITECT AND MAY NOT BE DUPLICATED OR USED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.

GENERAL PROJECT NOTES	PROJECT TEAM	PROJECT SUMMARY	SHEET INDEX																																														
<p>REFER TO OWNER-CONTRACTOR AGREEMENT FOR GENERAL CONDITIONS. WHERE THERE IS A CONFLICT BETWEEN THE CONTRACT AND NOTES HEREIN, THE CONTRACT TAKES PRECEDENCE.</p> <ol style="list-style-type: none"> <li>GENERAL CONTRACTOR IS RESPONSIBLE FOR THE FULL SET OF CONSTRUCTION DOCUMENTS, INCLUDING BUT NOT LIMITED TO DRAWINGS, SPECIFICATIONS, AND ADDENDA.</li> <li>THE CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO ANY WORK AND SHALL BE RESPONSIBLE FOR ALL WORK AND MATERIALS INCLUDING THOSE FURNISHED BY SUBCONTRACTORS.</li> <li>DIMENSIONS TAKE PRECEDENCE OVER DRAWINGS; DO NOT SCALE DRAWINGS TO DETERMINE ANY LOCATIONS. THE ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCY PRIOR TO CONTINUING WITH WORK.</li> <li>GENERAL CONTRACTOR SHALL KEEP THE CONSTRUCTION SITE IN A BROOM CLEAN CONDITION AT ALL TIMES DURING THE PROJECT.</li> <li>THE CONTRACTOR SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS HE OR SHE MAY DISCOVER. BRING UNFORSEEN CONDITIONS TO ATTENTION OF ARCHITECT UPON DISCOVERY AT ANY POINT. THE MEANS OF CORRECTING ANY ERROR OR UNFORSEEN CONDITION SHALL FIRST BE APPROVED BY THE ARCHITECT.</li> <li>ALL REQUIRED CITY AND/OR COUNTY LICENSE SHALL BE ACQUIRED AND PAID FOR BY THE INDIVIDUAL TRADE.</li> <li>THE ARCHITECT WILL REVIEW SHOP DRAWINGS AND SAMPLES FOR CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT. THE ARCHITECT'S REVIEW OF A SEPARATE ITEM SHALL NOT INDICATE APPROVAL OF AN ASSEMBLY IN WHICH THE ITEM FUNCTIONS.</li> <li>IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES WHETHER SHOWN HEREIN OR NOT AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR ALL EXPENSES OF REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE EXECUTION OF THE WORK.</li> <li>CITY APPROVED PLANS SHALL BE KEPT IN A SECURE PLACE AND SHALL NOT BE USED BY WORKERS. THE CONTRACTOR SHALL BE RESPONSIBLE THAT ALL SUBCONTRACTORS' CONSTRUCTION SETS REFLECT THE SAME INFORMATION. THE CONTRACTOR SHALL ALSO MAINTAIN, IN GOOD CONDITION, ONE COMPLETE SET OF STAMPED CITY APPROVED PLANS WITH ALL REVISIONS, ADDENDUMS, AND CHANGE ORDERS ON THE PREMISES AT ALL TIMES. THESE ARE TO BE UNDER THE CARE OF THE JOB SUPERINTENDENT AND MUST BE MADE AVAILABLE TO BUILDING AND FIRE INSPECTIONS FOR REFERENCE DURING CONSTRUCTION.</li> <li>THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE SITE WHILE THE JOB IS IN PROGRESS AND UNTIL JOB COMPLETION.</li> <li>THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THE SAFETY OF THE OCCUPANTS AND WORKERS AT ALL TIMES.</li> <li>THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS AND METHODS AND SHALL MAINTAIN THE STRUCTURAL INTEGRITY OF ANY CONSTRUCTION.</li> <li>THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REPLACE OR REMEDY ANY FAULTY, IMPROPER, OR INFERIOR MATERIALS OR WORKMANSHIP WHICH SHALL APPEAR WITHIN ONE (1) YEAR AFTER THE COMPLETION AND ACCEPTANCE OF THE WORK UNDER THIS CONTRACT.</li> <li>CONTRACTOR TO PROVIDE BACKING OR BLOCKING AS REQUIRED FOR MOUNTING ALL WALL MOUNTED SHELVES, EQUIPMENT, ACCESSORIES, CABINETS, ETC.</li> <li>CONTRACTOR TO PROTECT ALL TREES AND ROOTS NOT SLATED FOR REMOVAL DURING CONSTRUCTION.</li> <li>GENERAL CONTRACTOR RESPONSIBLE FOR MAINTENANCE OF STAGING AREA AND TO ENSURE THAT MATERIALS DELIVERY AND STORAGE DOES NOT INTERFERE WITH DAILY OPERATION OF ADJACENT PROPERTIES OR PUBLIC RIGHT OF WAY.</li> <li>GENERAL CONTRACTOR RESPONSIBLE FOR CONSTRUCTION STAKING.</li> </ol>	<p><b>OWNER</b> CLACKAMAS FIRE DISTRICT #1 15800 SE 130th AVE CLACKAMAS, OR. 97015 TEL: 503-793-6158 CONTACT: Denise Toyooka EMAIL: denise.toyooka@clackamasfire.com</p> <p><b>ARCHITECT</b> SCOTT EDWARDS ARCHITECTURE, LLP 2525 E. BURNSIDE STREET PORTLAND, OREGON 97214 TEL: 503.226.3617 CONTACT: BRANDON DOLE EMAIL: BDOLE@SEALLP.COM</p> <p><b>STRUCTURAL ENGINEER</b> WDY STRUCTURAL ENGINEERS 6443 SW BEAVERTON-HILLDALE HWY, SUITE 210 PORTLAND, OR. 97221 TEL: 503-203-8111 CONTACT: DALE DILORETO, PE EMAIL: DALE@WDY1.COM</p> <p><b>M/E/P ENGINEER</b> INTERFACE ENGINEERING, INC 100 SW MAIN ST, SUITE 1600 PORTLAND, OR. 97204 TEL: 503-382-2266 CONTACT: MARK O'LEARY EMAIL: MARKO@INTERFACEENG.COM</p>	<p><b>PROJECT DESCRIPTION:</b> RENOVATION AND ADDITION TO THE 1-STORY PORTION OF THE CLACKAMAS FIRE DISTRICT TRAINING WAREHOUSE</p> <p>10,400 S.F. EXISTING (FOOTPRINT) BUILDING 995 S.F. 1-STORY ADDITION</p> <p><b>PROJECT ADDRESS:</b> 16170 SE 130th AVE, CLACKAMAS, OR. 97015</p> <p><b>TAX LOT:</b> #22E11D02325</p> <p><b>ZONING:</b> CITY OF HAPPY VALLEY INSTITUTIONAL AND PUBLIC USE DISTRICT (IPU) CHAPTER 16.24.010 - SERVICE DISTRICT FUNCTIONS AND OPERATIONS, INCLUDING BUT NOT LIMITED TO FIRE DISTRICT FACILITIES - PERMITTED</p> <p><b>SEPARATE PERMITS AND DEFERRED SUBMITTAL BIDDER DESIGN ITEMS</b></p> <p>CONTRACTOR SHALL PROVIDE DESIGN, ENGINEERING, FURNISHING AND INSTALLATION OF A COMPLETE, FUNCTIONING SYSTEM(S) BASED ON THE SCHEMATIC LAYOUT SHOWN ON THE ARCHITECTURAL DRAWINGS, DESCRIBED HEREIN AND IN COMPLIANCE WITH PREVAILING CODE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL ORDERING OF ALL DEVICES AND FIXTURES TO ENSURE PROPER OPTIONS, ACCESSORIES AND CONFIGURATIONS. CONTRACTOR SHALL PROVIDE COMPLETE DESIGN AND DOCUMENTATION AS REQUIRED FOR SUBMISSION TO, AND APPROVAL OF ARCHITECT, OWNER, AND GOVERNING BUILDING DEPARTMENT.</p> <p>UPON COMPLETION OF REVIEW BY THE ARCHITECT OR ENGINEER OF RECORD, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING DOCUMENTS TO PERMIT AGENCY FOR PLANS REVIEW AND PAYING ANY PLANS CHECK AND PERMIT FEES.</p> <p><b>DELEGATED / BIDDER DESIGN ITEMS:</b></p> <ol style="list-style-type: none"> <li>MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS</li> <li>PRE-ENGINEERED METAL BUILDING, INSULATION, METAL PANEL SIDING, STANDING SEAM METAL ROOFING</li> <li>LIGHTING AND EMERGENCY LIGHTING</li> <li>FIRE SPRINKLER SYSTEM</li> <li>FIRE DETECTION AND ALARM SYSTEM</li> <li>STEEL LADDER AND MOUNTING TO WALL</li> <li>STORM WATER CONNECTION FOR BUILDING ADDITION</li> <li>HANDRAILS AND GUARDRAILS AND THEIR ATTACHEMENTS.</li> </ol> <p>THE FOLLOWING DELEGATED ITEMS REQUIRE A DEFERRED SUBMITTAL TO JURISDICTION:</p> <ol style="list-style-type: none"> <li>FIRE SPRINKLER SYSTEM</li> <li>FIRE DETECTION AND ALARM SYSTEM</li> <li>FIRE DEPARTMENT ACCESS KEY BOX</li> <li>HANGERS AND SUPPORT FOR HVAC</li> <li>VIBRATION AND SEISMIC CONTROLS FOR HVAC</li> <li>LATERAL BRACING AND ANCHORAGE OF MECHANICAL AND ELECTRICAL EQUIPMENT WEIGHING MORE THAN 75 LBS (EXCEPTIONS PER ASCE 7, SECTION 13.1.4)</li> <li>ENGINEERING FOR PRE-FABRICATED METAL BUILDING STRUCTURE AND LATERAL RESISTANCE DESIGN</li> <li>COMCHECK LIGHTING COMPLIANCE REPORT</li> <li>GUARDRAIL &amp; HANDRAIL DESIGN AND CONNECTIONS</li> </ol> <p>SEE SPECIFICATIONS AND/OR DESIGN NARRATIVES FOR ADDITIONAL REQUIREMENTS NOT LISTED HERE AND ADDITIONAL BIDDER DESIGN ITEMS.</p>	<table border="1"> <thead> <tr> <th>SHEET #</th> <th>SHEET NAME</th> </tr> </thead> <tbody> <tr> <td colspan="2"><b>GENERAL</b></td> </tr> <tr> <td>G0.01</td> <td>GENERAL PROJECT INFORMATION</td> </tr> <tr> <td>G1.01</td> <td>CODE SUMMARY</td> </tr> <tr> <td>G1.02</td> <td>FIRE LIFE SAFETY PLAN</td> </tr> <tr> <td colspan="2"><b>ARCHITECTURAL</b></td> </tr> <tr> <td>A0.01</td> <td>ARCHITECTURAL GENERAL NOTES AND DIAGRAMS</td> </tr> <tr> <td>A0.10</td> <td>WALL TYPES &amp; GENERAL DIAGRAMS</td> </tr> <tr> <td>A1.01</td> <td>SITE PLAN</td> </tr> <tr> <td>A2.11</td> <td>DEMO FLOOR PLANS</td> </tr> <tr> <td>A2.12</td> <td>FLOOR PLANS</td> </tr> <tr> <td>A2.13</td> <td>ENLARGED TOILET ROOMS</td> </tr> <tr> <td>A2.14</td> <td>ROOF &amp; RCP</td> </tr> <tr> <td>A3.01</td> <td>EXTERIOR ELEVATIONS &amp; SECTIONS</td> </tr> <tr> <td>A7.01</td> <td>DETAILS</td> </tr> <tr> <td>A8.01</td> <td>INTERIOR ELEVATIONS</td> </tr> <tr> <td>A10.01</td> <td>DOOR SCHEDULE AND DOOR TYPES</td> </tr> <tr> <td>A10.21</td> <td>FINISH SCHEDULE AND LEGEND</td> </tr> <tr> <td colspan="2"><b>STRUCTURAL</b></td> </tr> <tr> <td>S0.01</td> <td>STRUCTURAL NOTES &amp; ABBREVIATIONS</td> </tr> <tr> <td>S0.02</td> <td>SPECIAL INSPECTIONS &amp; SCHEDULES</td> </tr> <tr> <td>S2.12</td> <td>FOUNDATION &amp; MEZZANINE FRAMING PLANS</td> </tr> <tr> <td>S4.01</td> <td>DETAILS</td> </tr> </tbody> </table>	SHEET #	SHEET NAME	<b>GENERAL</b>		G0.01	GENERAL PROJECT INFORMATION	G1.01	CODE SUMMARY	G1.02	FIRE LIFE SAFETY PLAN	<b>ARCHITECTURAL</b>		A0.01	ARCHITECTURAL GENERAL NOTES AND DIAGRAMS	A0.10	WALL TYPES & GENERAL DIAGRAMS	A1.01	SITE PLAN	A2.11	DEMO FLOOR PLANS	A2.12	FLOOR PLANS	A2.13	ENLARGED TOILET ROOMS	A2.14	ROOF & RCP	A3.01	EXTERIOR ELEVATIONS & SECTIONS	A7.01	DETAILS	A8.01	INTERIOR ELEVATIONS	A10.01	DOOR SCHEDULE AND DOOR TYPES	A10.21	FINISH SCHEDULE AND LEGEND	<b>STRUCTURAL</b>		S0.01	STRUCTURAL NOTES & ABBREVIATIONS	S0.02	SPECIAL INSPECTIONS & SCHEDULES	S2.12	FOUNDATION & MEZZANINE FRAMING PLANS	S4.01	DETAILS
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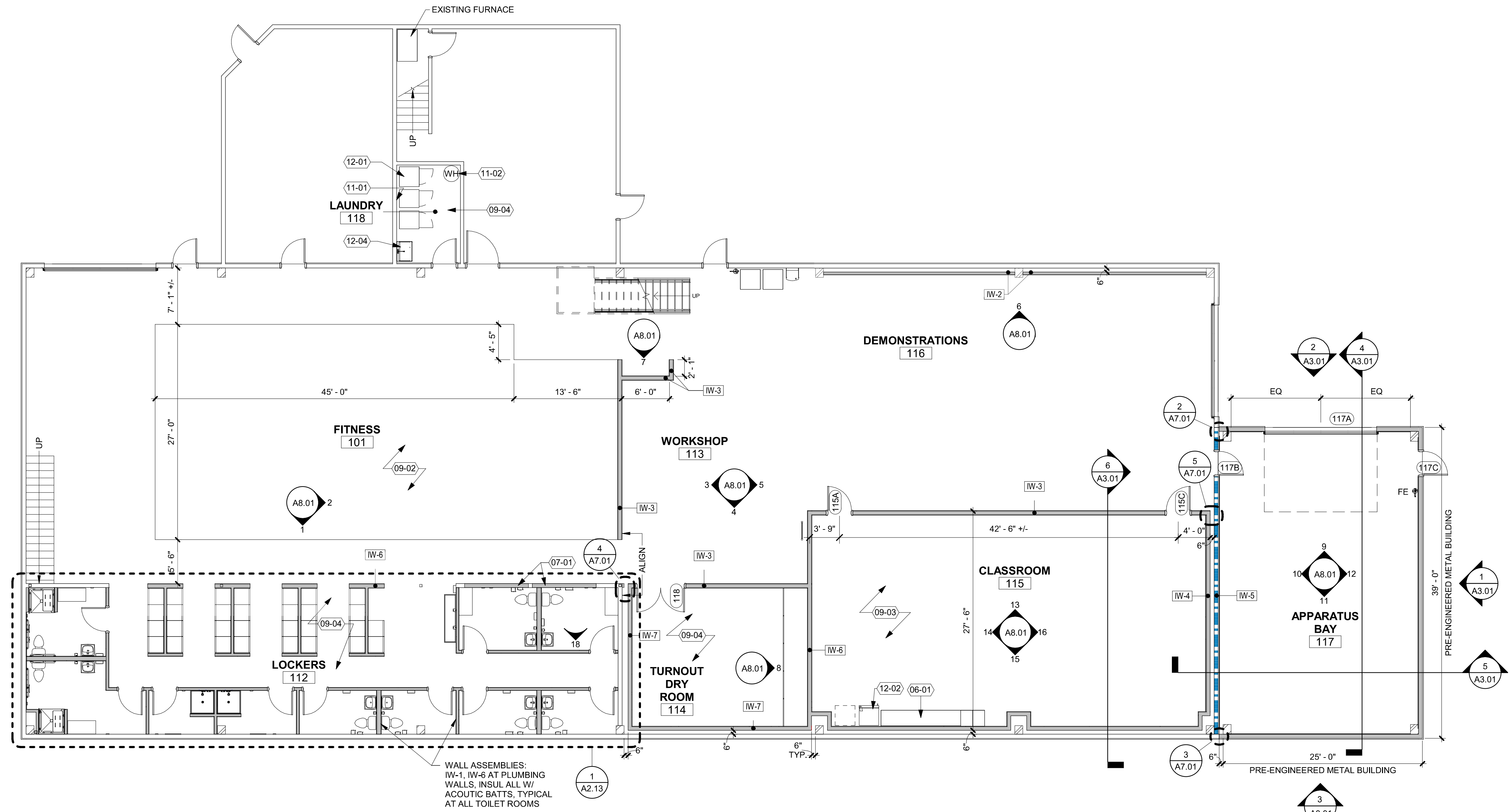
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**GENERAL PROJECT  
INFORMATION**

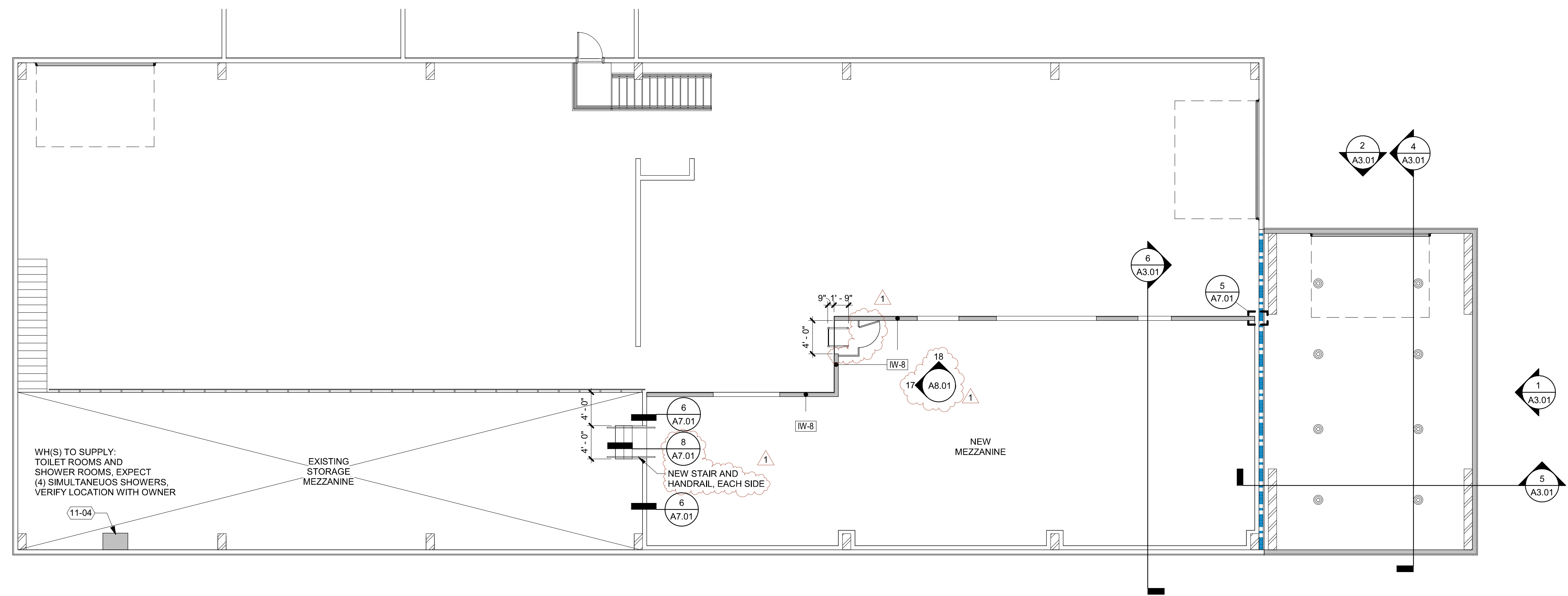
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**1 FIRST FLOOR PLAN**  
 1/8" = 1'-0"



**2 MEZZANINE FLOOR PLAN**  
 1/8" = 1'-0"

**KEYNOTES**

- 06-01 SALVAGED COUNTERTOP AND CASEWORK
- 07-01 INFILL WALL OPENING WITH 2X STUDS AND GWB EACH SIDE TO MATCH EXISTING
- 09-02 RUBBER FLOORING
- 09-03 CARPET
- 09-04 GRIND AND SEAL CONCRETE SLAB AT LOCKERS 112, ALL TOILET AND SHOWER ROOMS, TURNOUT 114, APPARATUS BAY 117
- 11-01 SALVAGED LIQUID DETERGENT DISPENSER
- 11-02 ELECTRIC WATER HEATER, PROVIDE POWER, CONNECT TO DOMESTIC SYSTEM
- 11-04 GAS FIRED TANKLESS WATER HEATER(S)
- 12-01 SALVAGED WASHER, DRYER, EXTRACTOR, PROVIDE WATER, DRYER VENTING, POWER, DRAIN
- 12-02 SALVAGED REFRIGERATOR, PROVIDE POWER AND WATER
- 12-04 SALVAGED UTILITY SINK AND CABINET

**FLOOR PLAN LEGEND**

- EXISTING
- NEW 1 HOUR RATED FIRE BARRIER
- NEW CONSTRUCTION

**FLOOR PLAN NOTES**

- A. REFER TO M/E/P DESIGN NARRATIVE FOR DESIGN BUILD INFORMATION AND ADDITIONAL INFORMATION
- B. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION



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**CLACKAMAS FIRE TRAINING WAREHOUSE**

Job Number: 24083

16170 SE 130th AVE CLACKAMAS, OR. 97015



1 ADD 1 01-24-25  
 PERMIT SET 12-20-2024  
 Issue Date

Drawing:  
**FLOOR PLANS**

Sheet No:  
**A2.12**

THESE DRAWINGS ARE THE ORIGINAL UNPUBLISHED WORK OF THE ARCHITECT AND MAY NOT BE DUPLICATED OR USED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.

**CLACKAMAS FIRE TRAINING WAREHOUSE**

Job Number: 24083

16170 SE 130th AVE  
CLACKAMAS, OR. 97015



**CEILING TYPE:** LAY-IN ACOUSTIC PANELS OR DIRECT (SCREW) ATTACHED 5/8" GYPSUM WALL BOARD.

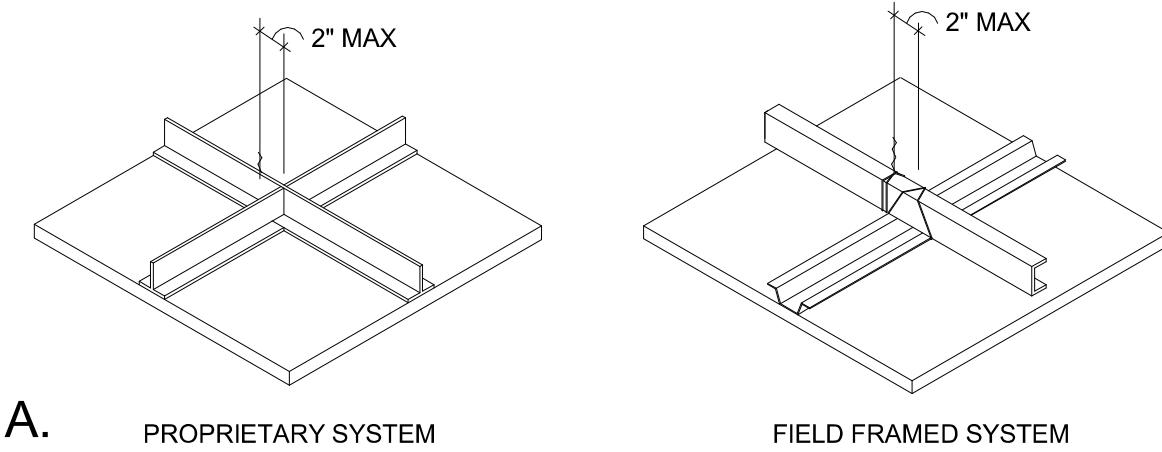
- LOAD CRITERIA:** 4 PSF
- VERTICAL: OSSC SEISMIC ZONE D
  - LATERAL: HEAVY-DUTY PER ASTM C-635-00
  - DUTY CLASSIFICATION: L/360 MAX
  - CROSS RUNNER DEFLECTION: OSSC T1604.5 RISK CATEGORY: II
- GRID LIMITATIONS:**
- MAXIMUM GRID SPACING: 4'x4'
  - INTERSTITIAL SPACE HEIGHT: 15' MAXIMUM
  - INTERIOR NON-BEARING PARTITIONS: INDEPENDENTLY SUPPORTED AND BRACED - SEE DETAILS

- REFERENCE SOURCES (PER STATEWIDE INTERPRETATION NO. 10-01, ii., e.):**
- 2022 OREGON STRUCTURAL SPECIALTY CODE (OSSC), 808.1, 1613.1 AND 1613.4.11
  - NWCB FIELD TECHNICAL INFORMATION BULLETIN 401 - REVISED 3/22
  - ASCE 7-10, SECTION 13.5.6
  - ASTM C635, ASTM C636, ASTM E580
  - CEILINGS AND INTERIOR SYSTEMS CONSTRUCTION (CISCA)

MANUFACTURER'S RECOMMENDATIONS SHOULD BE FOLLOWED WHERE APPLICABLE

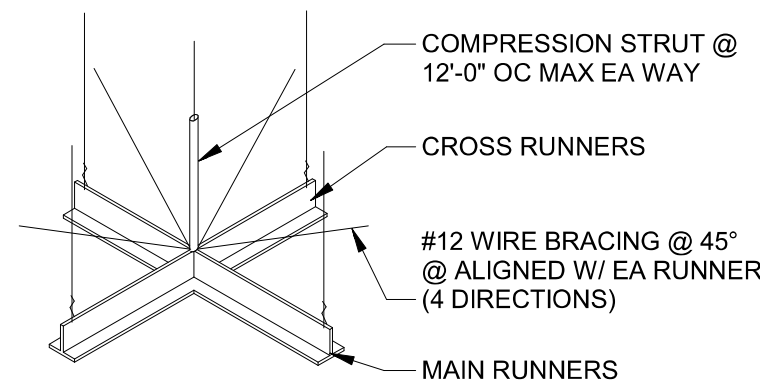
**A. SYSTEM COMPONENTS:**

- MAIN RUNNERS:** 1-1/2" COLD FORMED STEEL 'C' CHANNEL, OR PROPRIETARY 'T' SECTION MEETING DUTY RATING SPECIFIED ABOVE; AT 48" OC
- CROSS RUNNERS:** 7/8" X 2-5/8" X 25GA CARBON SHEET STEEL HAT CHANNELS, OR PROPRIETARY 'T' SECTION MEETING DUTY RATING SPECIFIED ABOVE; AT 2' OC
- SUSPENSION WIRE:** #12 SWG GALVANIZED WIRE
- TIE WIRE:** #18 SWG GALVANIZED WIRE - DOUBLE STRAND
- ANCHORS:** 200# MIN EA
- WOOD: 1/4"x3" SCREW EYES  
STEEL DECK: CMI DC1 OR DC 2-1/4" METAL DECK SCREW EYES  
CONCRETE: EMBEDS OR HILTI X-U FASTENERS AT HANGER WIRES AND KWIK-HUS EZ AT SPLAY WIRES



**B. LATERAL BRACING - CEILINGS OVER 144 SF:**

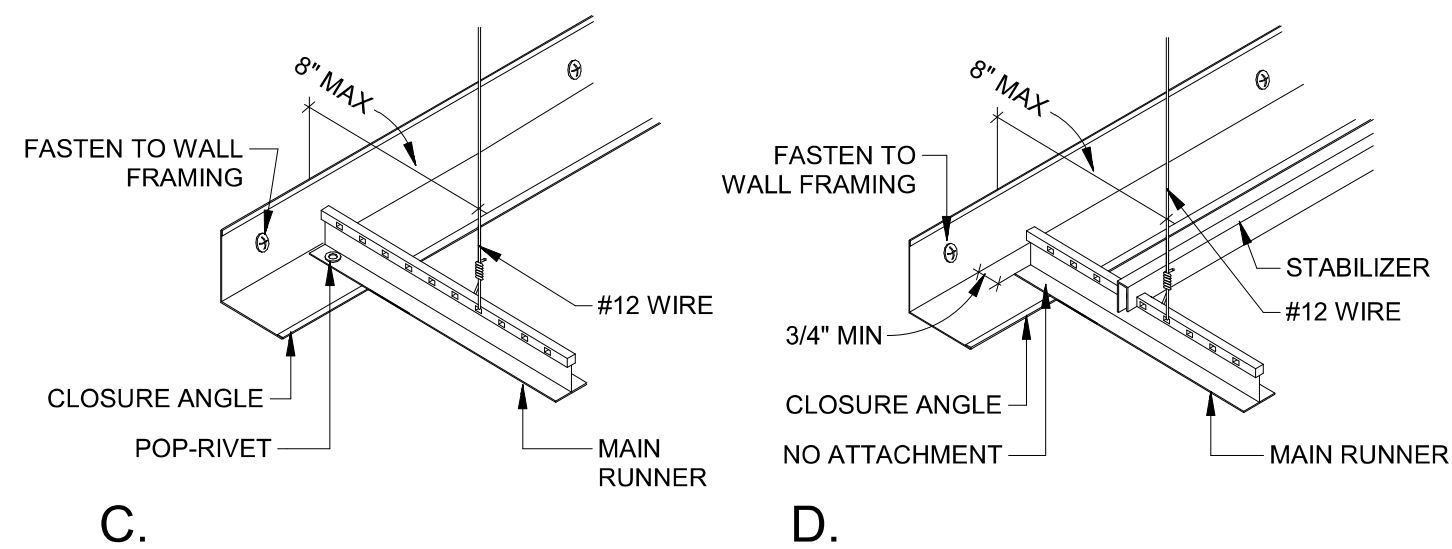
- LATERAL SUPPORT POINTS SHALL BE PLACED 12' OC IN EACH DIRECTION WITH THE FIRST POINT WITHIN 4' FROM EACH WALL.
- PROVIDE 4 WIRES OF MINIMUM NO. 12 GAUGE IN 4 DIRECTIONS 90° APART AND CONNECTED TO THE MAIN RUNNER WITHIN 2" OF THE CROSS RUNNER AND TO THE STRUCTURE ABOVE AT AN ANGLE NOT TO EXCEED 45° FROM THE PLANE OF THE CEILING.
- LOCATE COMPRESSION STRUT AT, AND CENTERED ON, ALL LATERAL SPLAY WIRE LOCATIONS NOTED ABOVE. ATTACH RIGIDLY FROM MAIN RUNNER TO STRUCTURE ABOVE.



STRUT	MAX LENGTH
1/2" Ø EMT CONDUIT	5'-10"
3/4" Ø EMT CONDUIT	7'-8"
1" Ø EMT CONDUIT	9'-9"
(1) 1 5/8" X 20 GA METAL STUD	12'-0"
(2) BACK TO BACK 1 5/8" X 20 GA METAL STUDS	15'-0"

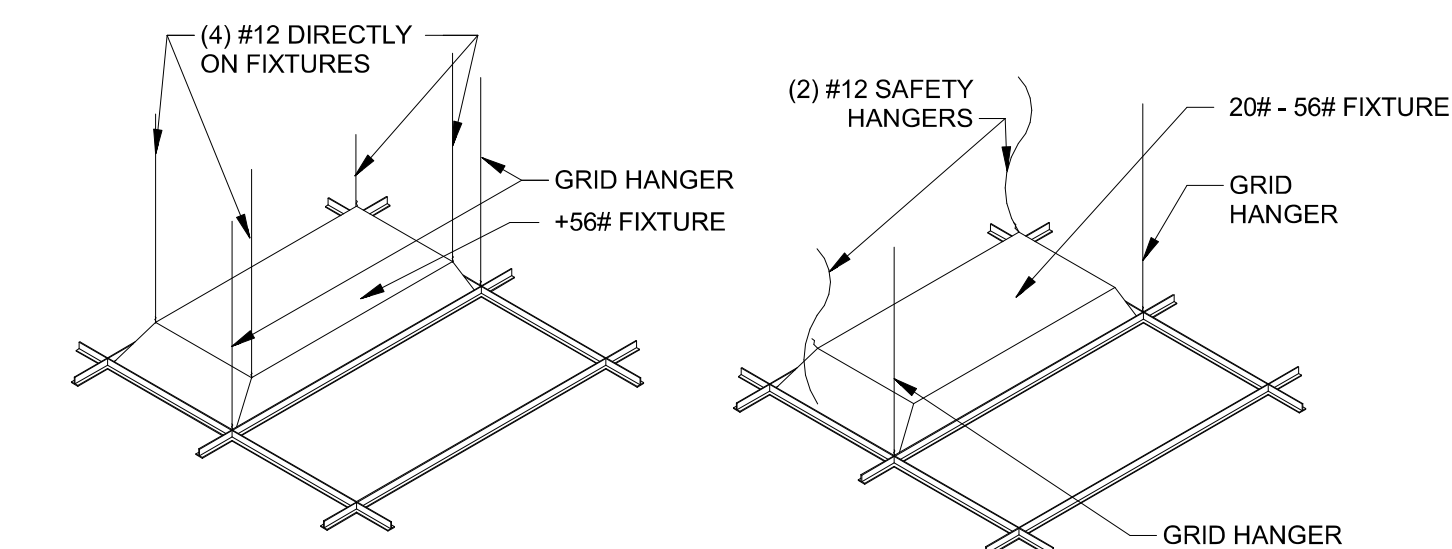
**C. PERIMETER ANGLE - LAY-IN ACOUSTIC PANEL CEILINGS OVER 144 SF:**

- PERIMETER SUPPORT ANGLE SHALL BE ATTACHED TO WALL FRAMING WITH MINIMUM #6 SCREW @ 24" OC MAX, AND ANGLE SHALL HAVE A MINIMUM 2" HORIZONTAL LEG. MFR PERIMETER CLIPS MAY BE USED IN LIEU OF 2" CLOSURE ANGLE WHEN SUBSTANTIATING DOCUMENTATION IS AVAILABLE. REF SPECIFICATIONS.
- ONE END OF GRID SHALL BE ATTACHED TO THE PERIMETER ANGLE AT EACH OF TWO ADJACENT WALLS W/ RIVETS. THE OPPOSITE END OF THE GRID IN EACH HORIZONTAL DIRECTION WILL REST FREE UPON THE SUPPORT ANGLE W/ 3/4" CLEARANCE BETWEEN GRID END AND WALL.



**E. VERTICAL SUPPORT:**

- MAIN RUNNERS SHALL BE HUNG USING SPECIFIED WIRE AT MINIMUM 4" O.C. CROSS RUNNERS AND MAIN RUNNERS SHALL BE SUPPORTED WITH ADDITIONAL HANGER WIRES WITHIN 8" OF ANY DISCONTINUOUS END, INCLUDING PERIMETER SUPPORT ANGLES.
- HANGERS SHALL NOT PRESS AGAINST PIPER OR DUCTS. HANGERS MORE THAN 1:6 OUT OF PLUMB SHALL HAVE COUNTERSLOPING WIRES ADDED. COUNTERSLOPING HANGERS SHALL BE INSTALLED WITH A MINIMUM 45 DEGREE ANGLE FROM HORIZONTAL.
- PROVIDE A TRAPEZE MADE OF MAIN RUNNER STOCK WHERE OBSTRUCTIONS TO STRUCTURE REQUIRE DIRECT ATTACHMENT.
- HANGER WIRES SHALL ATTACH TO RUNNERS AND SUPPORT ABOVE WITH A MINIMUM OF THREE FULL TURNS WITHIN A 3 INCH LENGTH.



**F. FIXTURE SUPPORT**

- LIGHTING FIXTURES AND AIR DIFFUSERS SHALL BE SUPPORTED DIRECTLY BY 12GA WIRES TO THE STRUCTURE ABOVE BY A MINIMUM OF 4 HANGERS, ONE AT EACH CORNER.
- EXCEPTION: FIXTURES NOT OVER 56 LBS IN WEIGHT BUT MORE THAN 20 LBS IN WEIGHT MAY BE SUPPORTED AND ATTACHED DIRECTLY TO THE CEILING SYSTEM RUNNERS WITHIN 3" OF GRID INTERSECTIONS BY A POSITIVE ATTACHMENT SUCH AS SCREWS OR BOLTS, AND SHALL HAVE (2) # 12GA HANGERS DIRECTLY FROM THE FIXTURE HOUSING TO THE STRUCTURE ABOVE. THESE MAY BE SLACK.
- FIXTURES WHICH WEIGH NOT MORE THAN 20 LBS AND WHICH RECEIVE NO TRIBUTARY LOADING FROM DUCT WORK MAY BE POSITIVELY ATTACHED TO AND SUPPORTED BY THE CEILING RUNNERS ALONE.

**G. PENETRATIONS:**

- PROVIDE 1" CLEAR ON ALL SIDES OF PENETRATIONS.

**H. SEISMIC JOINTS:**

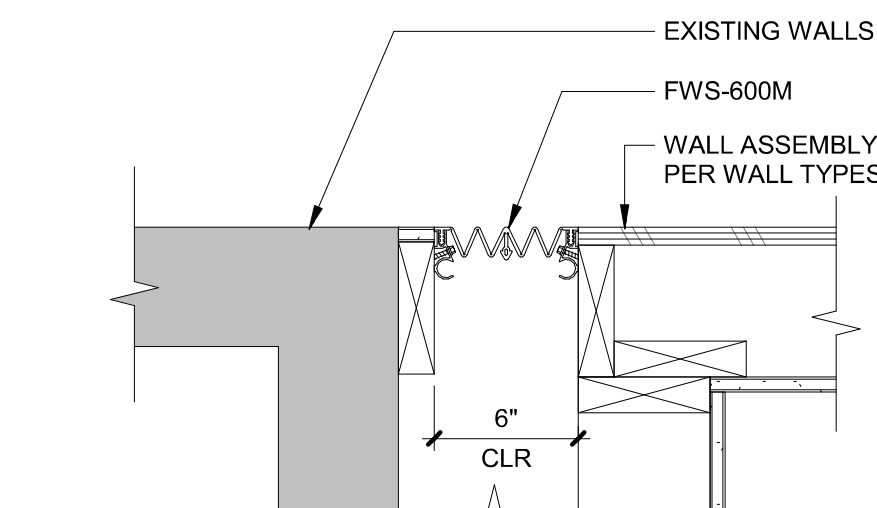
- PROVIDE MANUFACTURER'S STANDARD SEISMIC JOINT CLIP AT CEILING AREAS GREATER THAN 2500 SF

**7 SUSPENDED CEILING REQUIREMENTS**

1 1/2" = 1'-0"

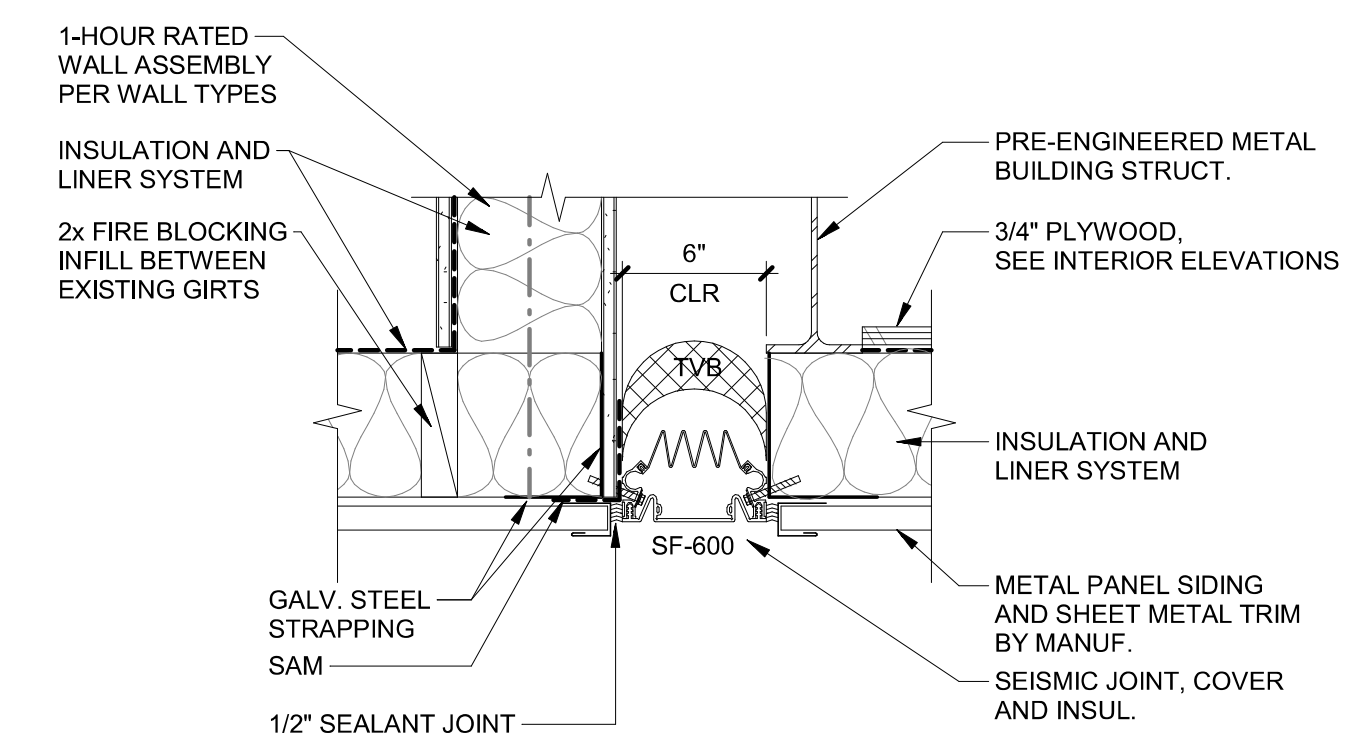
**2 SEISMIC JOINT - WALL**

1 1/2" = 1'-0"



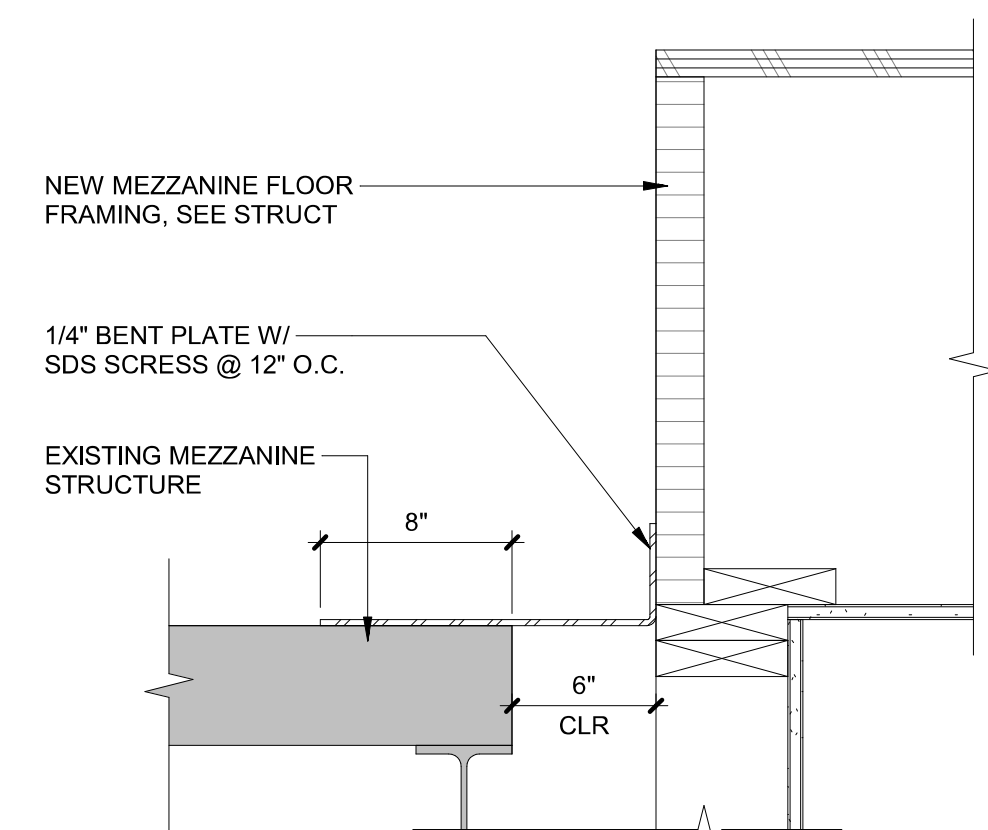
**1 SEISMIC JOINT - ROOF TO WALL**

1 1/2" = 1'-0"



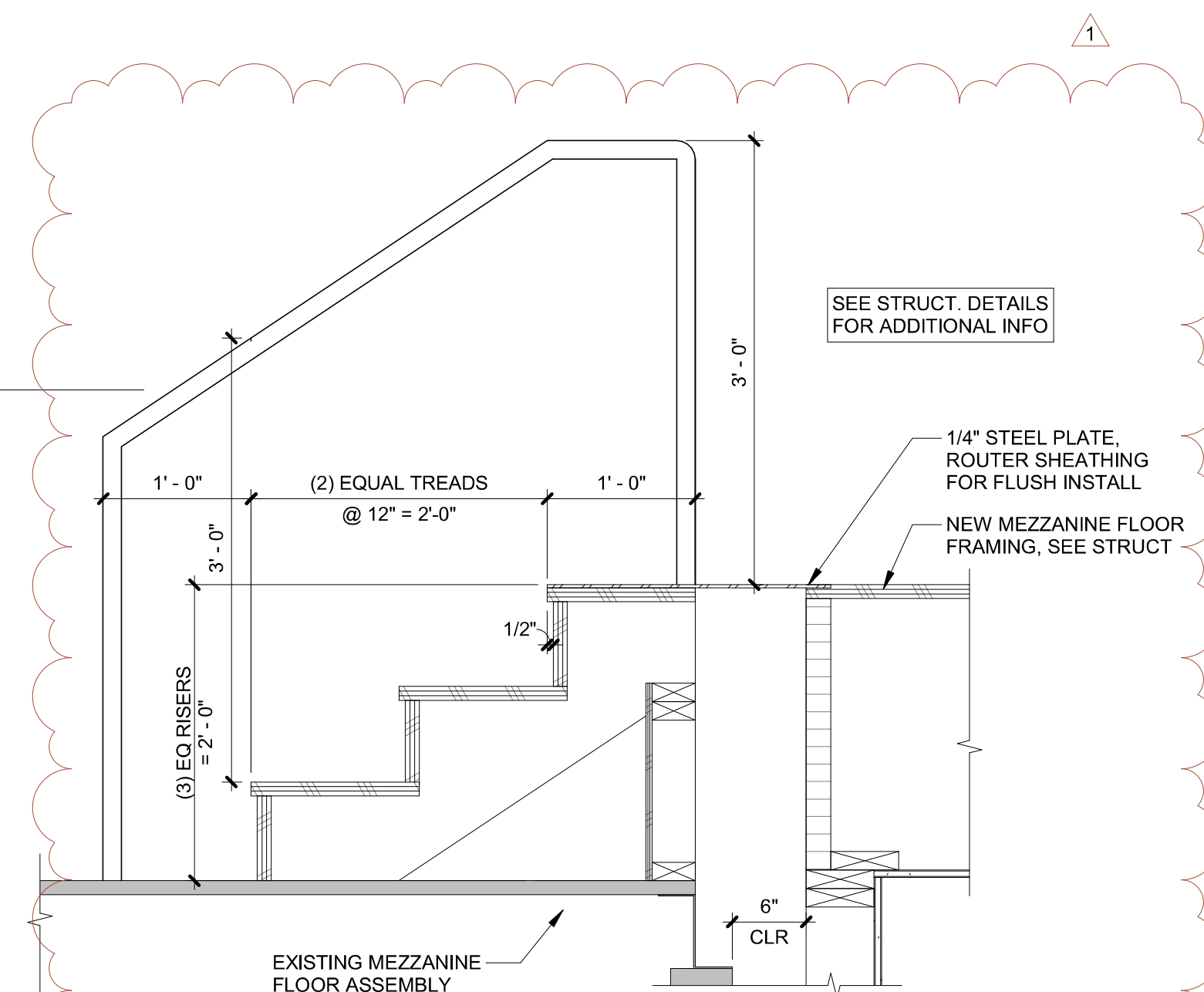
**4 SEISMIC JOINT - INTERIOR WALL**

1 1/2" = 1'-0"



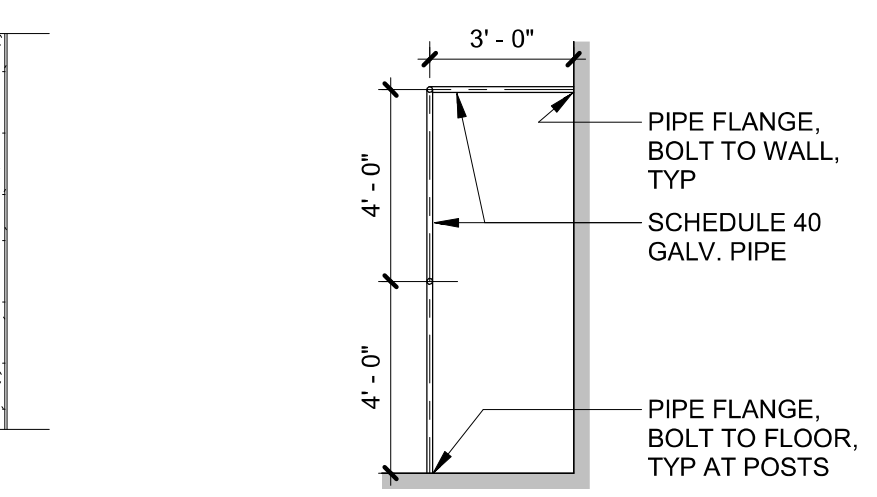
**3 SEISMIC JOINT - WALL**

1 1/2" = 1'-0"



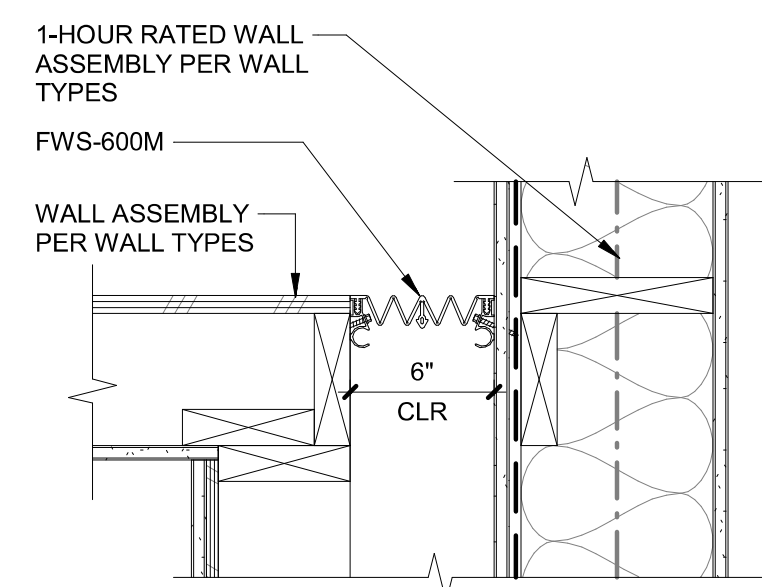
**6 MEZZANINE JOINT DETAIL**

1 1/2" = 1'-0"



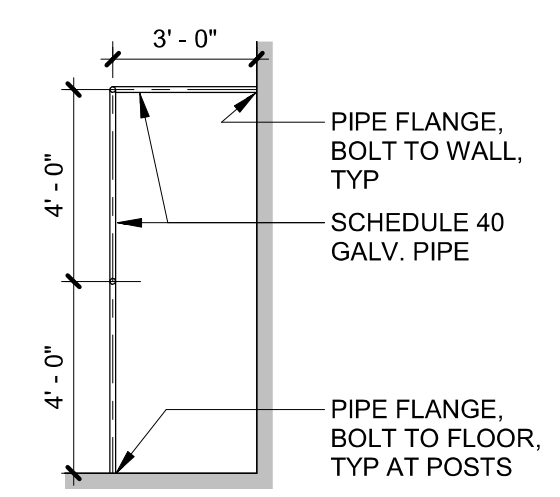
**5 SEISMIC JOINT - INTERIOR WALL**

1 1/2" = 1'-0"



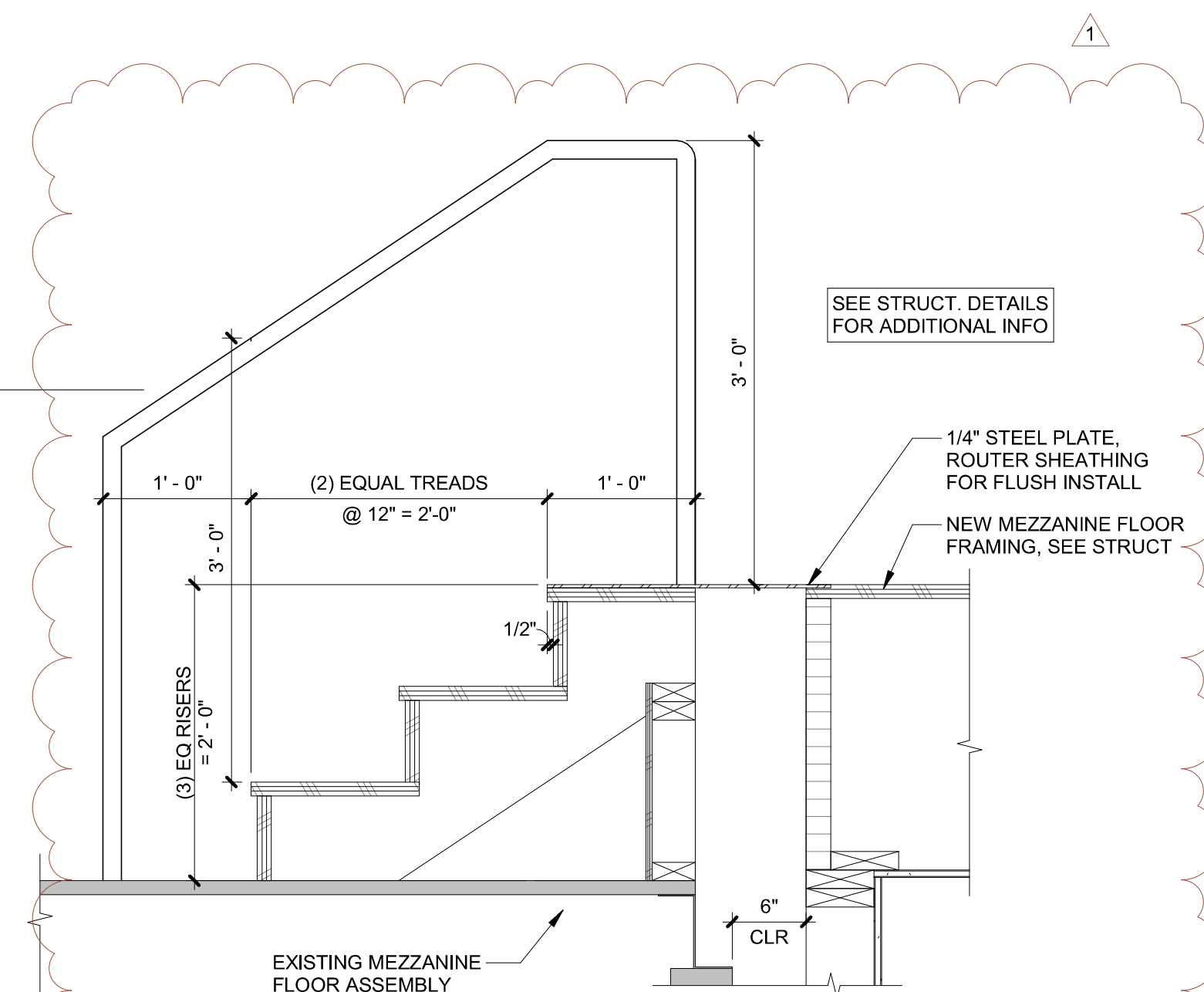
**9 DRYING RACK SECTION**

1/4" = 1'-0"



**8 STAIR SECTION**

1" = 1'-0"



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PERMIT SET 12-20-2024

Issue Date

Drawing:

**DETAILS**

Sheet No:

**A7.01**



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**CLACKAMAS FIRE TRAINING WAREHOUSE**

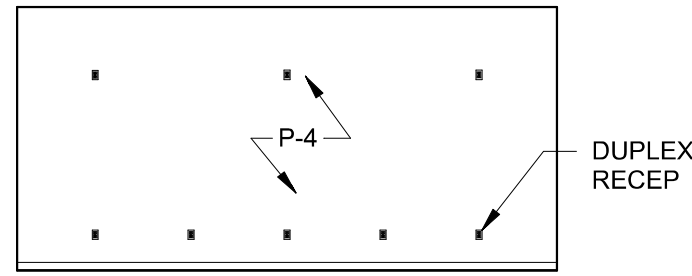
Job Number: 24083  
16170 SE 130th AVE  
CLACKAMAS, OR. 97015



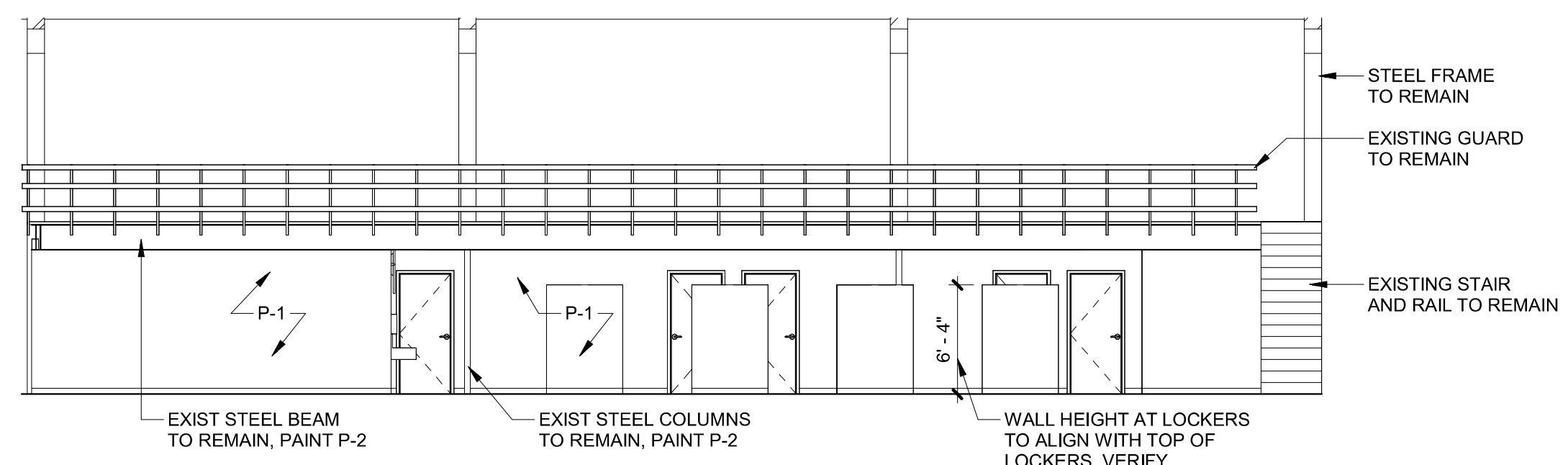
**GENERAL SHEET NOTES**

- A. ALL GYPSUM BOARD WALLS TO BE PAINTED P-1, UNLESS NOTED OTHERWISE.
- B. VERIFY ALL EQUIPMENT AND FURNISHINGS DIMENSIONS AND MOUNTING / BAKING REQUIREMENTS PER MANUFACTURER'S SPECIFICATIONS. COORDINATE WORK TO ENSURE PROPER AND ADEQUATE PROVISIONS OF ALL REQUIRED UTILITY SIZING AND LOCATION, AND FOR INSTALLATION AND ANCHORAGE OF EQUIPMENT.
- C. PROVIDE BACKING AT UPPER CABINETS, FULL HEIGHT CABINETS, ACCESSORIES, VISUAL DISPLAY BOARDS, WALL MOUNTED SHELVING AND ANY WALL-MOUNTED EQUIPMENT INCLUDING THOSE PROVIDED BY OWNER.
- D. FIELD VERIFY ALL DIMENSIONS AND REQUIRED EQUIPMENT CLEARANCES PRIOR TO FABRICATION OF CABINETRY.

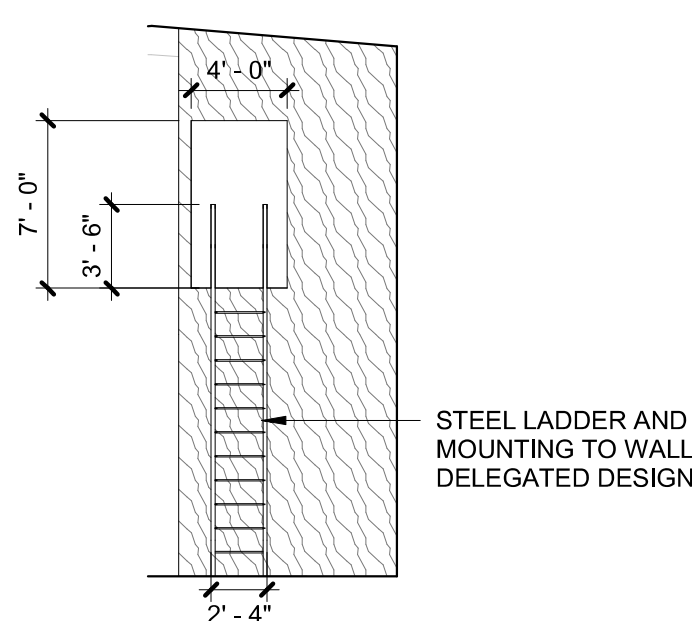
**2 FITNESS - EAST**  
1/8" = 1'-0"



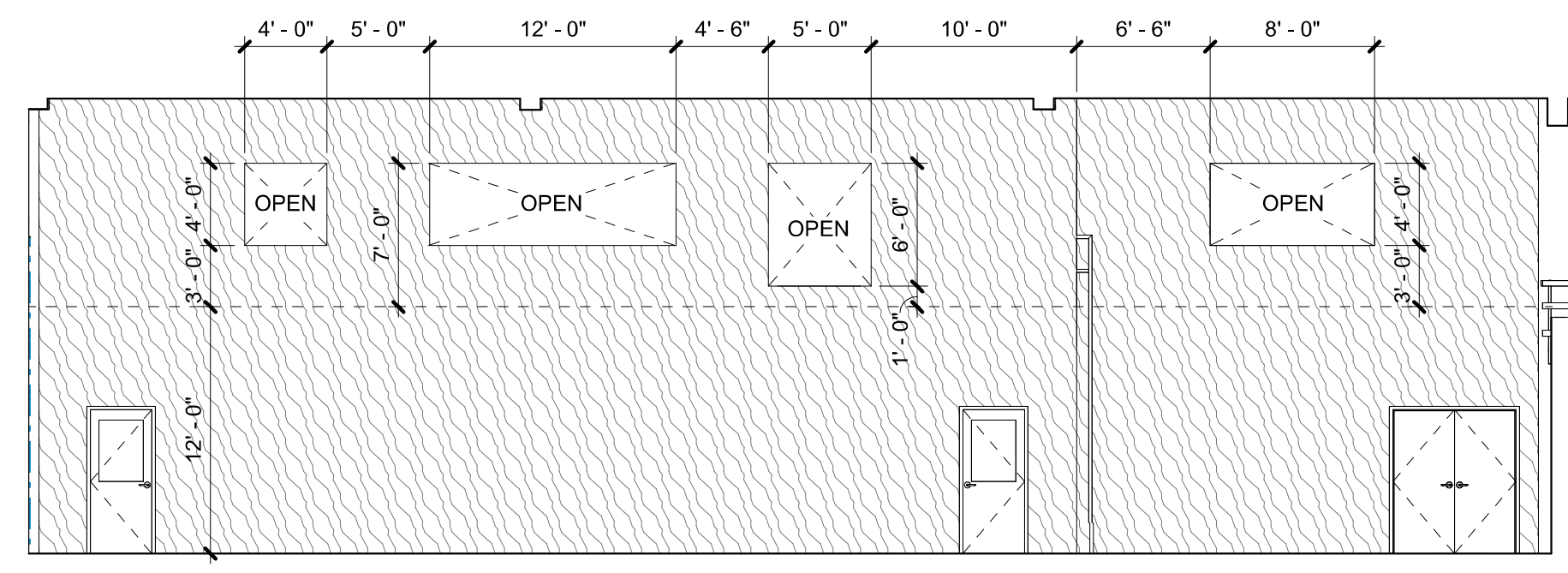
**1 LOCKER AREA**  
1/8" = 1'-0"



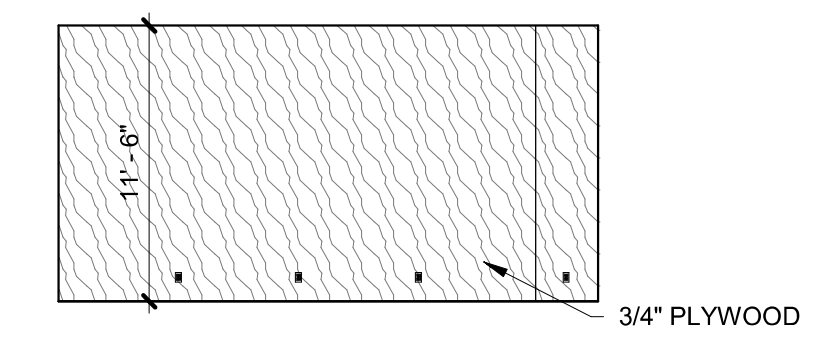
**5 LADDER**  
1/8" = 1'-0"



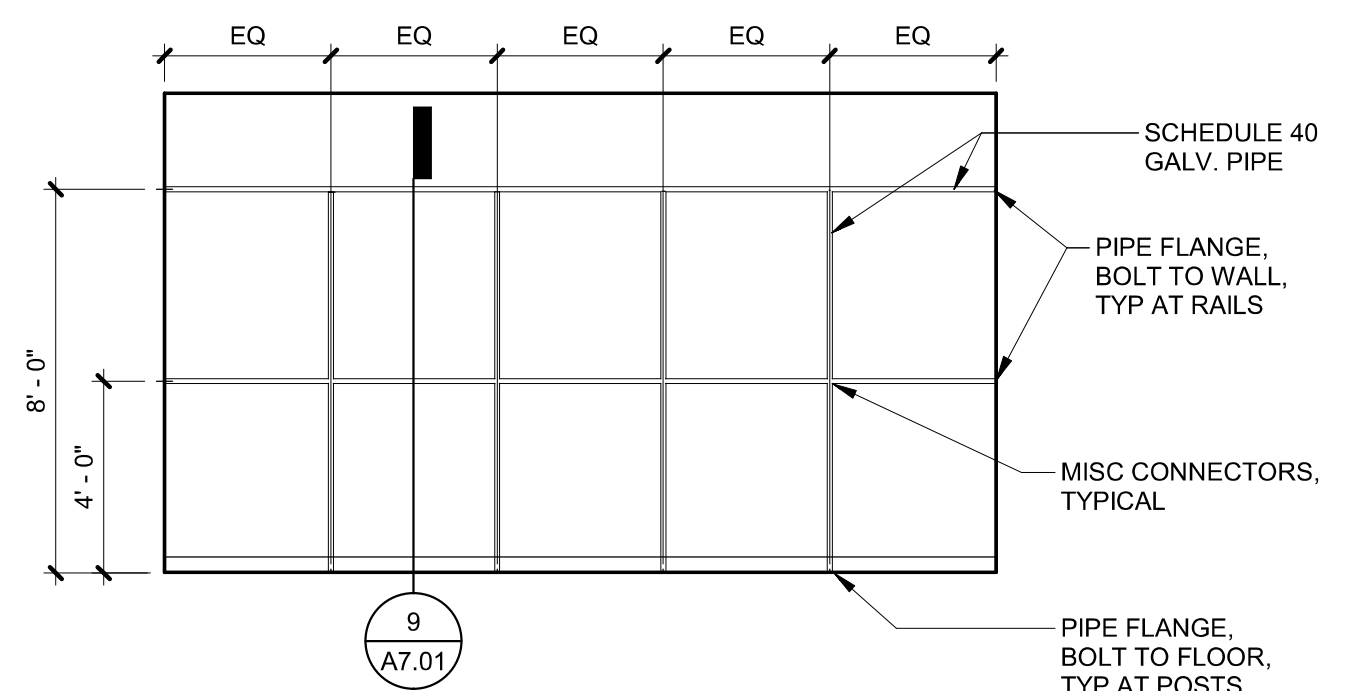
**4 DEMONSTRATIONS SOUTH**  
1/8" = 1'-0"



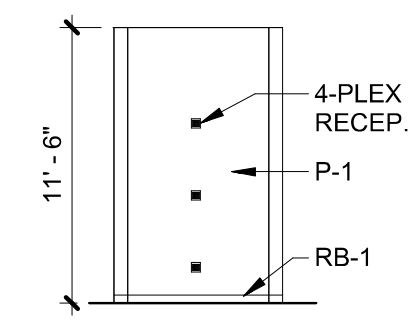
**3 WORKSHOP 113 - WEST**  
1/8" = 1'-0"



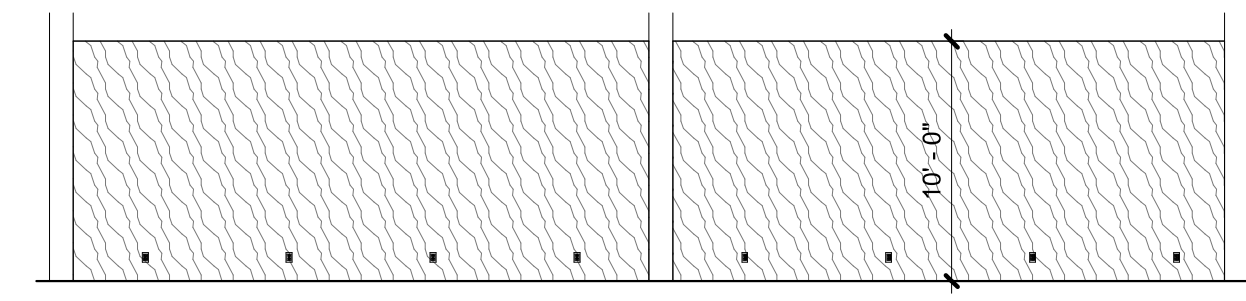
**8 TURNOUT DRY ROOM 114 - EAST**  
1/4" = 1'-0"



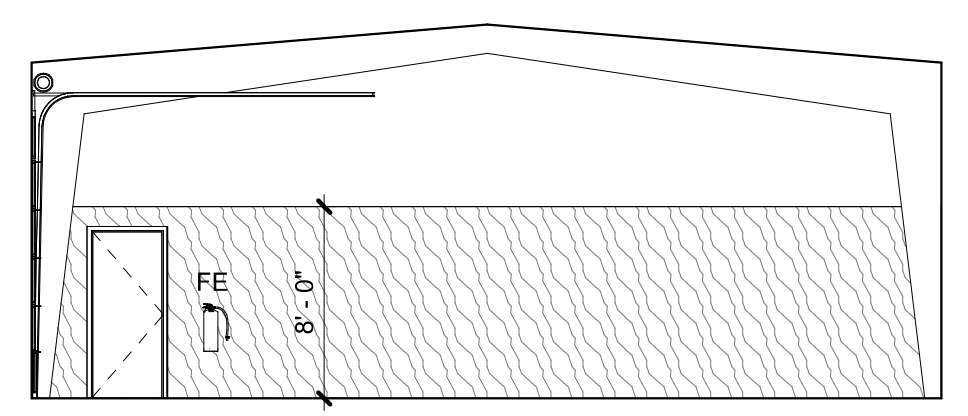
**7 BATTERY CHARGING**  
1/8" = 1'-0"



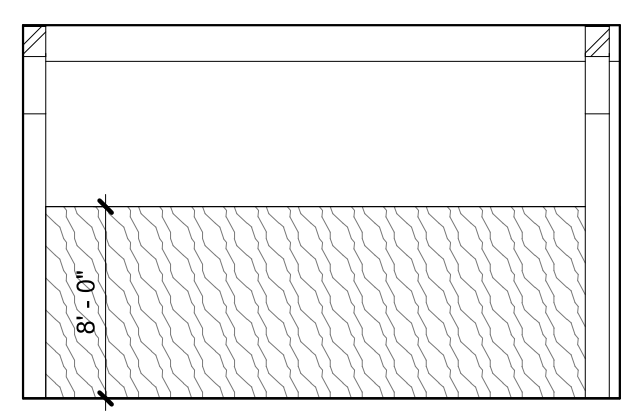
**6 DEMONSTRATIONS - NORTH**  
1/8" = 1'-0"



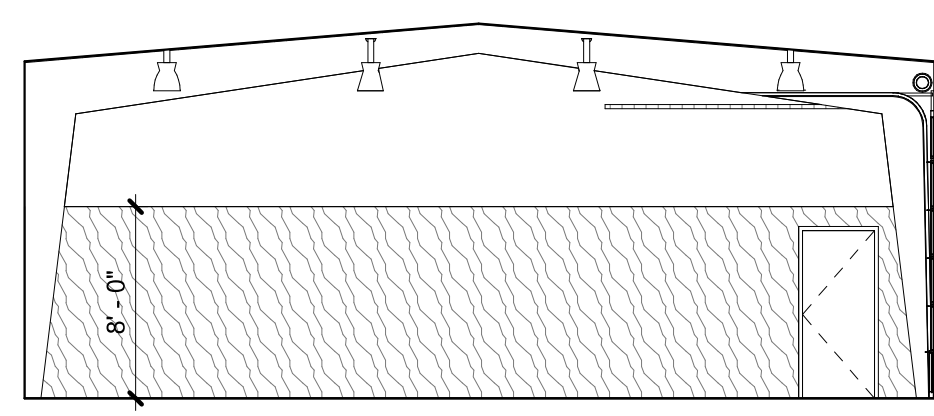
**12 APPARATUS BAY 117 - EAST**  
1/8" = 1'-0"



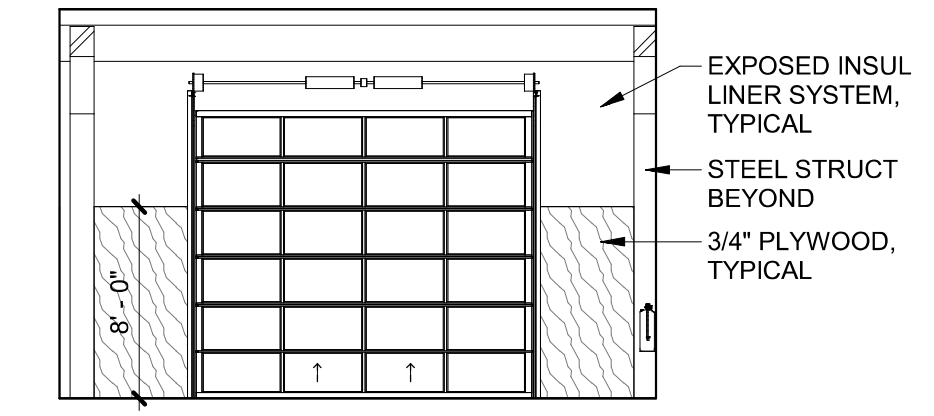
**11 APPARATUS BAY 117 - SOUTH**  
1/8" = 1'-0"



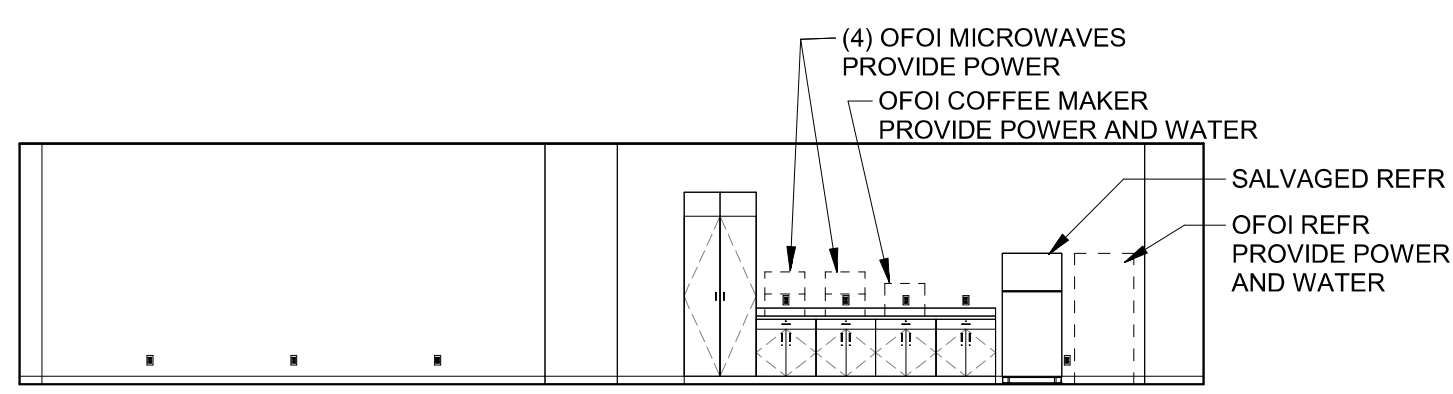
**10 APPARATUS BAY 117 - WEST**  
1/8" = 1'-0"



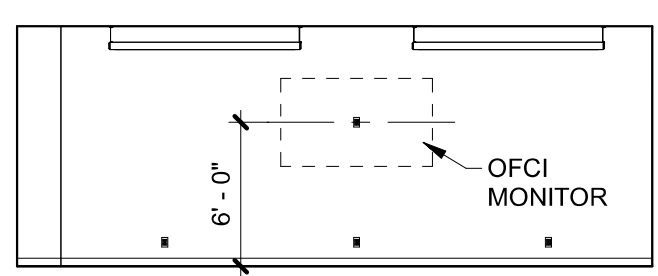
**9 APPARATUS BAY 117 - NORTH**  
1/8" = 1'-0"



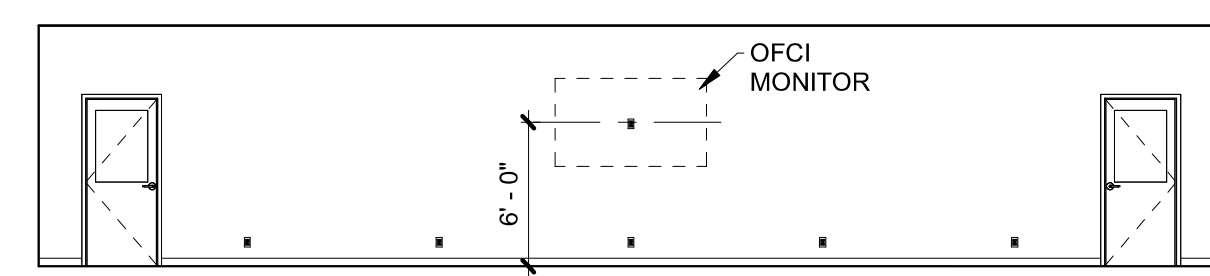
**15 CLASSROOM - SOUTH**  
1/8" = 1'-0"



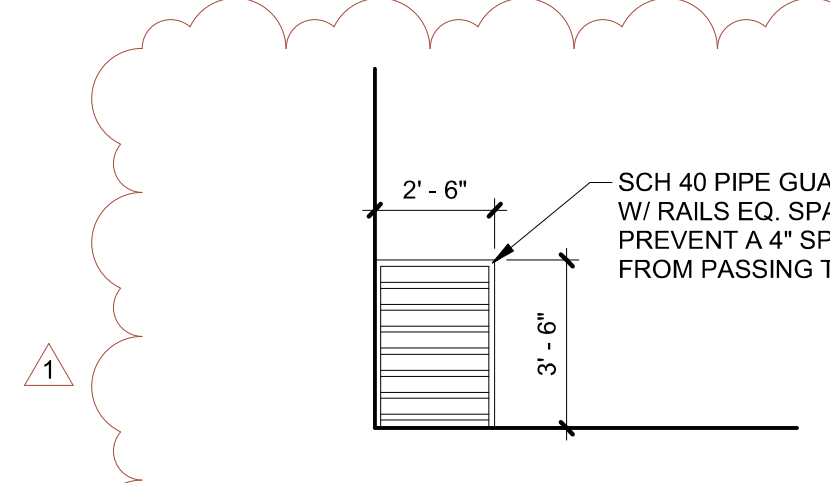
**14 CLASSROOM - WEST**  
1/8" = 1'-0"



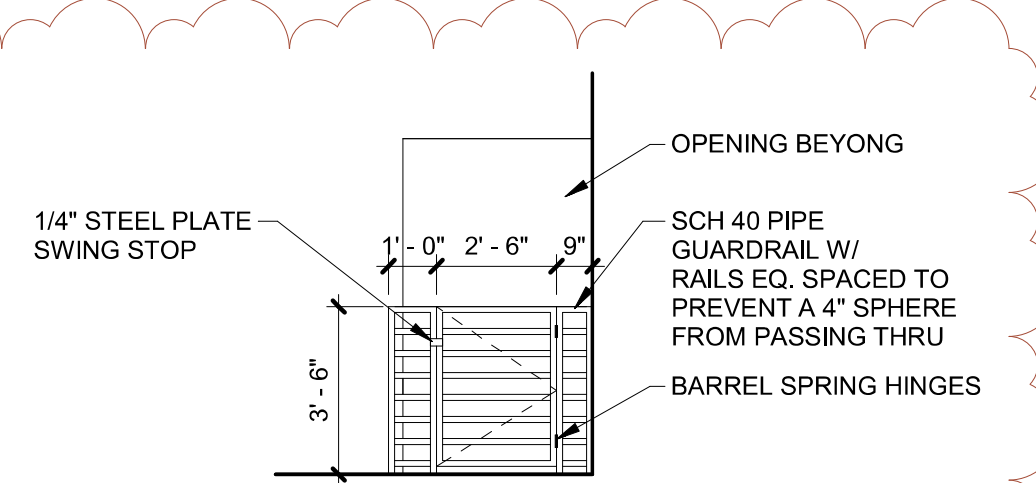
**13 CLASSROOM - NORTH**  
1/8" = 1'-0"



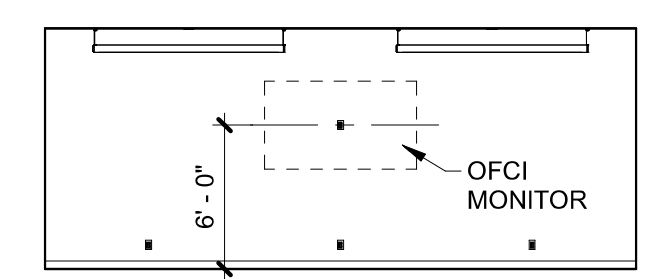
**18 GUARDRAIL**  
1/4" = 1'-0"



**17 GUARDRAIL**  
1/4" = 1'-0"



**16 CLASSROOM - EAST**  
1/8" = 1'-0"



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1 ADD 1	01-24-25
PERMIT SET	12-20-2024
Issue	Date
Drawing:	
<b>INTERIOR ELEVATIONS</b>	

Sheet No:  
**A8.01**