

Addendum #4

This Addendum modifies, amends, and supplements designated parts of the Contract Documents, Specifications and Drawings for:

Fire Truck Building at Woodville Training Site (WTS), T2 R9 TWP, Maine Project No. 23TC21-503-D, Bid #23-001

Directorate of Facilities Engineering

9 August 2022

It shall be the responsibility of the Contractor to notify all Subcontractors and Suppliers for various portions of the work of any changes or modifications contained in this Addendum.

Drawing Items:

1. **Remove** Sheets A-001; A-101; A-102; A-202; A-203; A-301; A-302; A-303; A-601; S-101; SC-101; SF-101 and SF-102.

Replace with attached sheets A-001; A-101; A-102; A-202; A-203; A-301; A-302; A-303; A-601; S-101; SC-101; SF-101 and SF-102.

Clarification Items:

1. A question was asked regarding the placement of the poles on the roads that may eventually be improved. It has been decided to place the poles as indicated on the plans. In the event the roads do get improved we will relocate the center line of the new roads to accommodate the new pole locations.
2. See Attachment (Questions) for the remainder of the clarification items.

Attachments:

- 1 - Sheet A-001: Abbreviations, Symbols & Notes
- 2 - Sheet A-101: First Floor Plan
- 3 - Sheet A-102: Mezzanine Floor Plan
- 4 - Sheet A-202: Elevations-Interior
- 5 - Sheet A-203: Elevations - Interior
- 6 - Sheet A-301: Building Sections
- 7 - Sheet A-302: Wall Sections - Interior
- 8 - Sheet A-303: Wall Sections - Exterior
- 9 - Sheet A-601: Schedules
- 10 - Sheet- S-101: Structural Notes
- 11 - Sheet SC-101: Foundation Plan and Detail
- 12 - Sheet SF-101: Roof and Mezz. Framing Plans
- 13 - Sheet SF-102: Framing Sections & Truss Criteria
- 14 - Questions

PROJECT GENERAL NOTES:

- THESE GENERAL NOTES ARE INTENDED TO COMPLIMENT CONTRACT DOCUMENTS. REFER TO CONTRACT DOCUMENTS FOR DETAILED INFORMATION AND ADDITIONAL REQUIREMENTS.
- WORK INCLUDED IN THIS CONTRACT SHALL CONFORM TO FEDERAL, STATE, AND LOCAL LAWS, STATUTES, ORDINANCES, CODES, RULES AND REGULATIONS, OR LAWFUL ORDERS OF PUBLIC AUTHORITY. PROMPTLY REPORT NONCONFORMITY DISCOVERED TO ARCHITECT/ENGINEER.
- INTENT OF CONTRACT DOCUMENTS IS TO INCLUDE ITEMS NECESSARY FOR PROPER EXECUTION AND COMPLETION OF WORK BY CONTRACTOR AND TO PROVIDE A COMPLETE, FULLY OPERATIONAL BUILDING. PROVIDE ALL LABOR, MATERIALS AND INCIDENTALS NECESSARY TO ACHIEVE THIS INTENT.
- FAILURE OF DRAWINGS OR SPECIFICATIONS TO INDICATE EACH INCIDENTAL SHALL NOT RELIEVE CONTRACTOR FROM PROVIDING NECESSARY ITEMS AS PART OF THIS CONTRACT. DRAWINGS SHOW DESIGN, LOCATION, DESCRIBE QUALITY LEVEL AND CONSTRUCTION TECHNIQUES IN A GENERAL SENSE ONLY.
- DETAILS ARE TYPICAL, WHAT IS SHOWN IN ONE CONDITION APPLIES TO OTHER SIMILAR CONDITIONS, UNLESS NOTED OTHERWISE.
- VERIFY FOLLOWING ITEMS AND REPORT DISCREPANCIES TO ARCHITECT PRIOR TO PROCEEDING WITH WORK. AND PROCEED WITH WORK AFTER SUCH DISCREPANCIES ARE RESOLVED.
 - EXISTING CONDITIONS
 - WALLS, FLOORS, AND SUBSTRATES WHERE PRODUCTS AND SYSTEMS ARE TO BE INSTALLED
 - SIZE AND CONDITIONS OF WINDOW, DOOR, AND OTHER OPENINGS WHERE PRODUCTS AND SYSTEMS ARE TO BE INSTALLED
 - THE EXISTENCE, SIZE, AND LOCATION OF EXISTING UTILITIES, MECHANICAL AND ELECTRICAL SYSTEMS
 - DISCREPANCIES BETWEEN OR WITHIN CONTRACT DOCUMENTS
 - UNSUITABLE SOILS: REPORT LOCATION OF UNSUITABLE SOIL MATERIALS BELOW ANTICIPATED LEVELS OF FOOTINGS OR SLABS PRIOR TO SETTING FORMS
 - DIMENSIONAL DISCREPANCIES
- COORDINATE WORK OF SUBCONTRACTORS.
- COORDINATE WORK TO ACHIEVE GIVEN VISUAL AND PERFORMANCE REQUIREMENTS OF MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS WITHIN INDICATED SPACE.
- DEFINITIONS:
 - NEW: INDICATES ITEMS THAT SHALL BE FURNISHED AND INSTALLED BY THIS CONTRACT. TYPICALLY USED TO ENSURE CLARITY BETWEEN VARIOUS COMPONENTS OF THE DRAWINGS. NOT ALL ITEMS ARE LABELED AS "NEW" WHEN IT IS OBVIOUS BY OTHER INDICATION.
 - EXISTING: EXISTING BUILDING OR SITE COMPONENTS WHICH ARE IN PLACE AT START OF CONSTRUCTION. NOT ALL ITEMS ARE LABELED AS "EXISTING" WHEN IT IS OBVIOUS BY OTHER INDICATION.
 - REPAIR: RESTORE TO SUITABLE OR APPROPRIATE OPERATING AND AESTHETIC CONDITION.
 - RESTORE: BRING BACK TO FORMER CONDITION, BY REPAIRING OR PATCHING AS REQUIRED.
 - PATCH: RESTORE TO CONDITION MATCHING EXISTING ADJACENT CONSTRUCTION, SURFACE TEXTURE AND FINISH.
 - N.I.C.: (NOT IN CONTRACT); WORK WHICH IS NOT INCLUDED IN THIS CONTRACT, BUT WHICH MAY REQUIRE CONTRACTOR COORDINATION.
 - REMOVE: DISMANTLE AND/OR EXTRACT FROM PREMISES ENTIRELY. DISPOSE OF OFF OF SITE UNLESS NOTED OTHERWISE.
 - REPLACE: DISMANTLE AND/OR EXTRACT FROM PREMISES ENTIRELY. DISPOSE OF OFF OF SITE UNLESS NOTED OTHERWISE. PROVIDE NEW MATERIAL AS INDICATED.
 - DAMAGES: EXISTING BUILDING OR SITE COMPONENTS, NOT SCHEDULED FOR WORK, WHICH ARE DAMAGED. SUCH ELEMENTS AND COMPONENTS SHALL BE REPLACED OR RESTORED TO ORIGINAL CONDITION BY METHODS APPROVED BY ARCHITECT.
 - DEMOLISH: DISMANTLE AND/OR EXTRACT FROM PREMISES ENTIRELY. DISPOSE OF OFF OF SITE UNLESS NOTED OTHERWISE.
 - SALVAGE: REMOVE AND REINSTALL OR REMOVE AND DELIVER TO OWNER, AS INDICATED. SALVAGED COMPONENTS MAY BE FOR LIMITED REUSE, TO MATCH EXISTING CONDITIONS OR TO PATCH AND REPAIR AS INDICATED.

DOOR AND WINDOW NOTES:

- PROVIDE DOOR STOPS TO PROTECT WALLS AT LOCATIONS WHERE A DOOR SWING WILL STRIKE WALL. NO FLOOR MOUNTED DOOR STOPS.
- EXTERIOR DOORS SHALL HAVE WEATHER STRIPPING, THRESHOLDS, AND SHALL BE INSTALLED WEATHERTIGHT.
- REFER TO SPECIFICATION FOR DOOR & FRAME GAUGES, ANCHORS, AND REINFORCEMENT.

GENERAL ARCHITECTURAL NOTES:

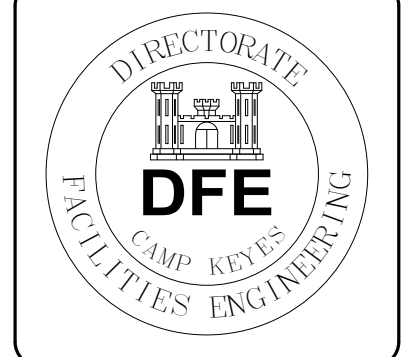
- DRAWINGS USE A SYSTEM OF KEYED NOTES ON PLANS, ELEVATIONS AND DETAILS. INSTRUCTIONS FOR SPECIFIC COMPONENTS OF WORK ARE KEYED TO DRAWINGS. BUILDING SYSTEMS ARE KEYED TO FLOOR PLANS, WALL SECTIONS, ROOF PLAN AND OTHER DETAILS AS APPROPRIATE.
- MAINTAIN MINIMUM MANEUVERING CLEARANCES AT DOORS IN COMPLIANCE WITH ADA ACCESSIBILITY GUIDELINES (ADAAG AND ANSI A117.1).
- MOUNTING HEIGHTS AND CLEARANCES AT TOILET ROOMS AND ELSEWHERE SHALL COMPLY WITH LATEST VERSION OF ADA ACCESSIBILITY GUIDELINES (ADAAG AND ANSI A117.1 ACCESSIBILITY STANDARD).
 - BARRIER-FREE CLEARANCES ARE GIVEN. THESE CLEAR DIMENSIONS SHALL BE MAINTAINED IN CASES OF DISCREPANCY.
 - DIMENSIONS GIVEN FOR FIXTURE AND ACCESSORY LOCATIONS ARE CLEAR DIMENSIONS FROM FINISHED SURFACES, UNLESS NOTED OTHERWISE. COORDINATE ACTUAL DIMENSIONS WITH WALL CONSTRUCTION AND FINISH THICKNESS.
 - LOCATED CONTROLS, FLUSH VALVES, SHUTOFFS AND SIMILAR ITEMS IN ACCORDANCE WITH LATEST VERSION OF ADA ACCESSIBILITY GUIDELINES (ADAAG AND ANSI A117.1 ACCESSIBILITY STANDARD).
 - SOME ITEMS MAY INDICATED A RANGE IN MOUNTING HEIGHT. MAINTAIN A CONSISTENT MOUNTING HEIGHT, WITHIN GIVEN RANGE, THROUGHOUT PROJECT, UNLESS NOTED OTHERWISE.
- MAINTAIN CLEAR DIMENSIONS IN ACCORDANCE WITH LATEST VERSION OF ADA ACCESSIBILITY GUIDELINES (ADAAG).
- GRAB BAR COMPONENTS SHALL BE ABLE TO WITHSTAND A LOAD OF 250 LBS AT ANY POINT.
- INSTALL BLOCKING BEHIND SURFACE-APPLIED FIXTURES, TRIM, GRAB BARS, SHELVES, CHAIR RAILS, PICTURE RAILS, BASE MOLDINGS, TACK OR MARKER BOARDS, WINDOW TREATMENTS, WALL OR BASE CABINETS OR COUNTERS, AND MISCELLANEOUS ACCESSORIES MOUNTED ON STUD WALLS.
- EXPOSED WOOD NOT INDICATED TO BE PAINTED SHALL BE NATURAL FINISH (CLEAR).
- PROVIDE TRANSITION STRIPS OR THRESHOLDS (2" MAXIMUM) OF SAME MATERIAL AS FLOORING AND/OR AS NOTED ON DRAWINGS, BETWEEN DISSIMILAR FLOORING MATERIALS.
- PATCH AND LEVEL EXISTING SUBFLOORS TO RECEIVE NEW FLOOR FINISHES AS INDICATED IN ROOM FINISH SCHEDULE.
- EXPOSED PIPES UNDER LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT.

WALL SYSTEM NOTES:

- ALL PARTITIONS SHALL EXTEND FROM SUB-FLOOR TO SLAB TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE, UNLESS NOTED OTHERWISE.
- GYPSUM BOARD APPLIED TO WALLS SHALL BE APPLIED WITH THE BOTTOM EDGE SPACED NOT LESS THAN 1/4" ABOVE THE FLOOR. INSTALL A CONTINUOUS BEAD OF ACOUSTICAL SEALANT UNDER EACH LAYER OF GWB AT THE INTERSECTION WITH FLOOR, ON EACH SIDE OF THE WALL.
- ALL TOP OF WALL CONDITIONS SHALL BE SEALED TO THE DECK ABOVE. UNLESS NOTED OTHERWISE. MAINTAIN THE REQUIRED FIRE RATINGS, SMOKE RATINGS, AND ACOUSTICAL RATINGS. COORDINATE THE TOP OF WALL CONSTRUCTION WITH THE STRUCTURAL FRAMING.
- FOR EXISTING WALLS SUPPORTING NEW ITEMS, VERIFY THE WALL TYPE PRIOR TO PERFORMING THE WORK TO DETERMINE APPROPRIATE TYPE OF ANCHOR UNLESS INDICATED OTHERWISE. CONSULT ARCHITECT FOR CLARIFICATION IF NEEDED.
- PROVIDE WOOD-PRESERVATIVE TREATED LUMBER (PRESSURE TREATED) AT ALL EXTERIOR WOOD FRAMING IN CONTACT WITH CONCRETE, WITHIN 18" OF THE GROUND OR EXPOSED TO THE WEATHER SHALL BE.

ABBREVIATIONS:

AB	ANCHOR BOLT	JT	JOINT
AB	AIR BARRIER	KIT	KITCHEN
AC	AIR CONDITIONING	LAB	LABORATORY
ADDL	ADDITIONAL	LAM	LAMINATE (D)
ADU	ADJUSTABLE	LA	LA VENT
ADO	AUTOMATIC DOOR OPERATOR	LB	LEAD COATED COPPER
AF	ABOVE FINISHED FLOOR	LF	LINEAR FOOT
AF	ABOVE FINISHED FLOOR	LCN	LOCATION
AF	AIR INFILTRATION BARRIER	LW	LIGHTWEIGHT (CMU)
ALUM	ALUMINUM	LVP	LUXURY VINYL PLANK
ALUM	ALUMINUM	MAS	MASONRY
AOR	AREA OF REFUGE	MATL	MATERIAL
APPROX	APPROXIMATE	MAX	MAXIMUM
ARCH	ARCHITECTURAL	MC	MEDICINE CABINET
ARND	ARCHITECTURAL	MDF	MEDIUM DENSITY OVERLAY
AVB	AIR/VAPOUR BARRIER	MED	MEDICAL
AWP	ACOUSTICAL WALL PANEL	MFR	MANUFACTURER
		MIS	MISCELLANEOUS
		MISC	MISCELLANEOUS
		MOLDG	MOLDING
		MOR	MASONRY OPENING
		MR	MOISTURE RESISTANT
		MRGB	MOISTURE RESISTANT GWB
		MSF	METAL STUD FRAMING
		MTL	METAL
		N	NORTH
		NA	NOT APPLICABLE
		N/C	NOT IN CONTRACT
		NO	NUMBER
		NOM	NOMINAL
		NRC	NOISE REDUCTION COEFFICIENT
		NS	NOT TO SCALE
		O	OVER
		OC	ON CENTER
		OD	OUTSIDE DIAMETER
		OES	OVERFLOW SCUPPER
		OH	OVERHEAD
		OPH	OPPOSITE HAND
		OPNG	OPENING
		OPP	OPPOSITE
		OP/CI	OWNER FURNISHED CONTRACTOR INSTALLED
		OP/CI	OWNER FURNISHED OWNER INSTALLED
		PTD	PAINTED
		PC	PRECAST CONC.
		PCF	PRECASTED
		PERIM	PERIMETER
		PL	PLATE
		PLM	PLASTIC LAMINATE
		PLYWD	PLYWOOD
		PSI	POUNDS PER SQUARE FOOT
		PSI	POUNDS PER SQUARE INCH
		PTD	PAPER TOWEL DISPENSER
		PTN	PARTITION
		PVC	POLYVINYL CHLORIDE
		PVMT	PAVEMENT
		QR	QUARTER ROUND
		QT	QUARRY TILE
		REF	REFERENCE
		REF	REFRIGERATOR
		REQ	REQUIRED
		REV	REVISION(S), REVISED
		RH	RAIN LEADER
		RF	RUBBER FLOOR
		RM	ROOM
		RM	ROUGH OPENING
		ROW	RIGHT OF WAY
		S	SOUTH
		SAT	SUSPENDED ACOUSTICAL TILE
		SCHED	SCHEDULE
		SD	SLOPE DRAIN, SOUP DISPENSER
		SECT	SECTION
		SECT	SQUARE FOOT (FEET)
		SFL	STOREFRONT
		SGL	SAFETY GLASS
		SH	SHOWER
		SHT	SHEET
		SHTHG	SHEATHING
		SHR	SIMILAR
		SLNT	SEALANT
		SNR	SANITARY NAPKIN RECEPTOR
		SP	SPECIAL PAINT
		SPC	SPECIFICATION
		SPKR	SPEAKER
		SQ	SQUARE
		SS	STAINLESS STEEL
		STC	SOUND TRANSMISSION CLASS
		STD	STANDARD
		STL	STEEL
		STR	STRUCTURAL
		STRUC	STRUCTURAL
		SUPRT	SUPPORT
		SUSP	SUSPENDED
		SV	SHEET VINYL
		T	TOILET
		TB	TOWEL BAR
		TB	TACK BOARD
		T&G	TONGUE AND GROOVE
		TGL	TEMPERED GLASS
		TKR	THICK
		TO	TOP OF
		TPD	TOILET PAPER DISPENSER
		TV	TELEVISION
		TYP	TYPICAL
		UCR	UNDER COUNTER REFRIGERATOR
		UNO	UNLESS NOTED OTHERWISE
		VB	VAPOR BARRIER/VINYL BASE
		VCL	VALVE CABINET
		VCT	VINYL COMPOSITION TILE
		VERT	VERTICAL
		VPW	VENEER PLYWOOD
		VWC	VINYL WALL COVERING
		W	WEST
		W	WITH
		WC	WATER CLOSET
		WD	WOOD
		WG	WIRE GLASS
		WH	WATER HEATER
		W/O	WITHOUT
		W/ST	WATERSTOP
		W/P	WEATHERPROOF
		WWF	WELDED WIRE FABRIC
		WWM	WELDED WIRE MESH
		YD	YARD
		ZCC	ZINC-COATED COPPER



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DESIGNED BY: Designer
 DRAWN BY: Designer
 CHECKED BY: Checker
 DATE: 2022.07.16
 SCALE: 1/2" = 1'-0"
 THE PROJECT NO.: 1021.024

STATE OF MAINE
 DEPARTMENT OF DEFENSE, VETERANS
 AND EMERGENCY MANAGEMENT

HALEY WARD, INC.
 1 MERCHANTS PLAZA
 BANGOR, MAINE
 (207) 989-4824

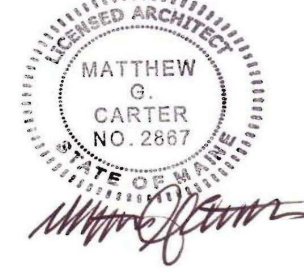
FIRE TRUCK BUILDING PROJECT -
 23TC21-503-DC
 T2 R9 TWP, MAINE
 WOODVILLE TRAINING SITE

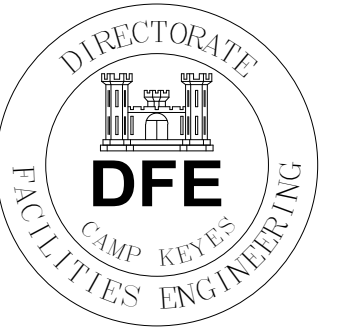
ABBREVIATIONS, SYMBOLS &
 NOTES

PLAN PROGRESS

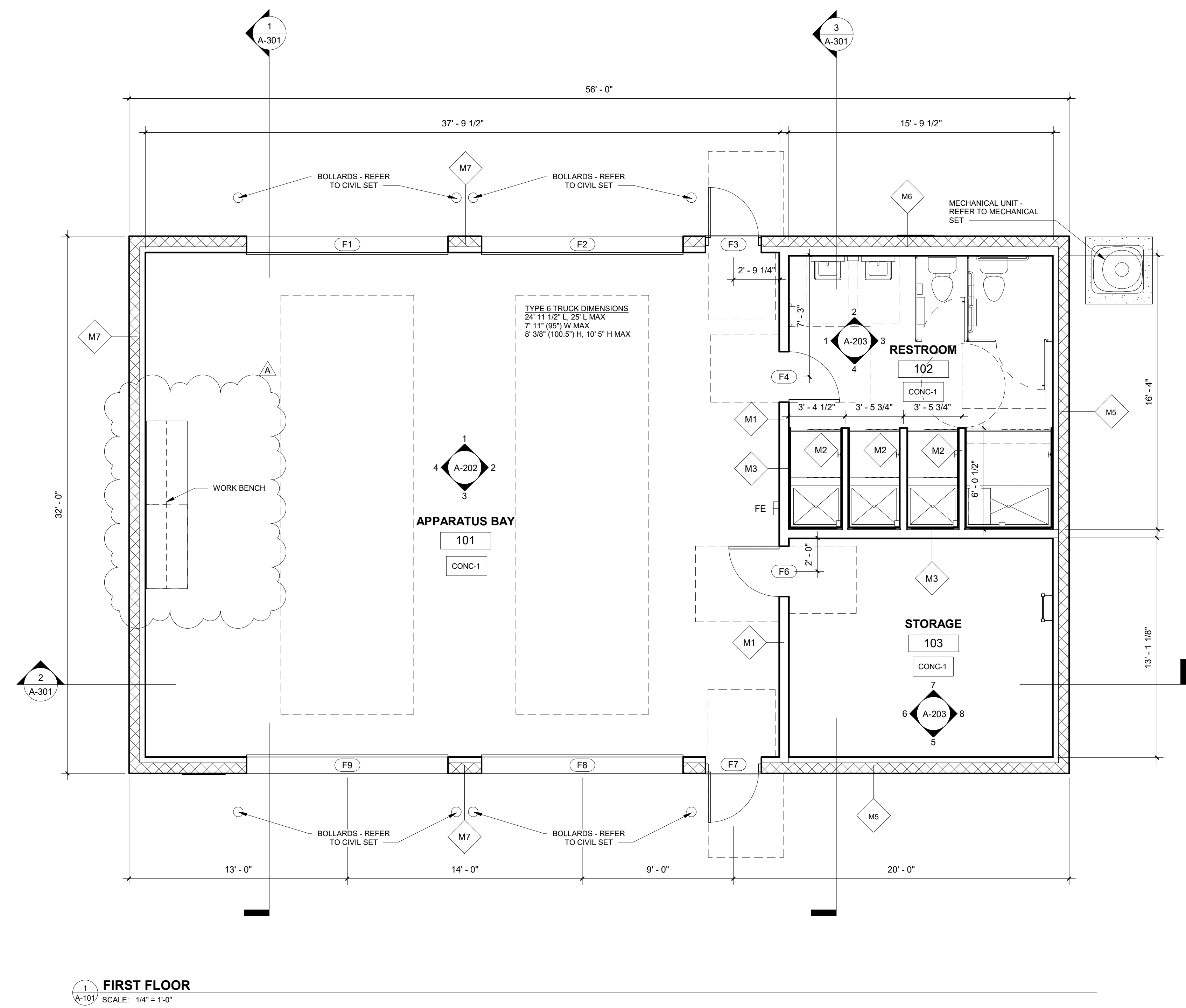
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 95% REVIEW
 FINAL REVIEW
 FOR BIDDING
 ISSUED FOR CONSTRUCTION
 RECORD DRAWINGS

SHEET ID:
 A-001
 SHEET: 10 OF 37





SHEET NOTES:
 1. REFER TO A-302 FOR INTERIOR WALL SECTIONS.
 2. REFER TO A-303 FOR EXTERIOR WALL SECTIONS.
 3. REFER TO A-601 FOR DOOR SCHEDULE, LEGEND, AND DETAILS.
 4. REFER TO A-601 FOR FINISH SCHEDULE & LEGEND.



1 FIRST FLOOR
 A-101 SCALE: 1/4" = 1'-0"

DEPARTMENT OF DEFENSE WOODVILLE FIRE TRUCK STORAGE CODE REVIEW SUMMARY: INTERNATIONAL BUILDING CODE (IBC) 2015 EDITION	
Use Group	Storage Use Group S-2:
Required Use Group Separations	Table 508.4: No separation requirement.
Incidental Use Area Separations	Table 509: Furnace room when over 400,000 Btu or boiler when equipment is over 15 psi and 10 horsepower.
Concealed Spaces and Draftstopping	Draftstopping required in attic such that any horizontal area does not exceed 3,000 SF.
Height and Area Limitations	Construction Type VB. Max. Height: 40 feet, Table 504.3 Max. Stories: 2, table 504.4 Max. Area: 13,500 SF, table 506.2
Interior Finishes	Required Interior Finishes per Table 803.11 Exit Enclosures and Passageways: Class C Corridors: Class C Rooms and Spaces: Class C Interior Floor Finishes: Floor Finishes: Class I or II
Fire Protection System	Section 903.2.10 (1) no fire protection required the fire area does not exceed 12,000 square feet.
Fire Alarm	Not required.
EGRESS	
Occupant Load	Calculated per Table 1004.1.2 = 6 people.
Means of Egress	Building exits required: 1 per Table 1006.2.1 One is acceptable if maximum occupant load is less than 29 people.
Egress Width per Occupant	Per Section 1005.1 Min. Egress Width: Egress components – 0.2" per person served or: Doors: 36" Ramps and Corridors: 36" when occupant load less than 50.
Travel Distance	Table 1006.2.1 Group S exit access travel distance without sprinkler system = 100'.
Common Path of Travel	Common path of egress travel Table 1006.3.2(2): Group S, without sprinkler system shall not exceed 75'.
Dead End Corridors	Section 1020.4 where more than one exit no dead ends corridors more than 20 feet.
Markings	Exit signs required in exit passageways, Section 1025.2.
Emergency Lighting	Illumination required per Section 1025.5.

PLAN REVISIONS	Date	Appr.

DESIGNED BY	CHECKED BY	DATE	SCALE	PROJECT NO.

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 AND EMERGENCY MANAGEMENT
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FIRE TRUCK BUILDING PROJECT –
 23TC21-503-DC
 T2 R9 TWP, MAINE
 WOODVILLE TRAINING SITE
 FIRST FLOOR PLAN

PLAN PROGRESS
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<input type="checkbox"/> 65% REVIEW
<input type="checkbox"/> 95% REVIEW
<input type="checkbox"/> FINAL REVIEW
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<input type="checkbox"/> ISSUED FOR CONSTRUCTION
<input type="checkbox"/> RECORD DRAWINGS

SHEET ID:
A-101
 SHEET: 12 OF 37



SHEET NOTES:
 1. REFER TO A-302 FOR INTERIOR WALL SECTIONS.
 2. REFER TO A-303 FOR EXTERIOR WALL SECTIONS.
 3. REFER TO A-601 FOR DOOR SCHEDULE, LEGEND, AND DETAILS.
 4. REFER TO A-601 FOR FINISH SCHEDULE & LEGEND.



Rev.	Description	Date	Appr.
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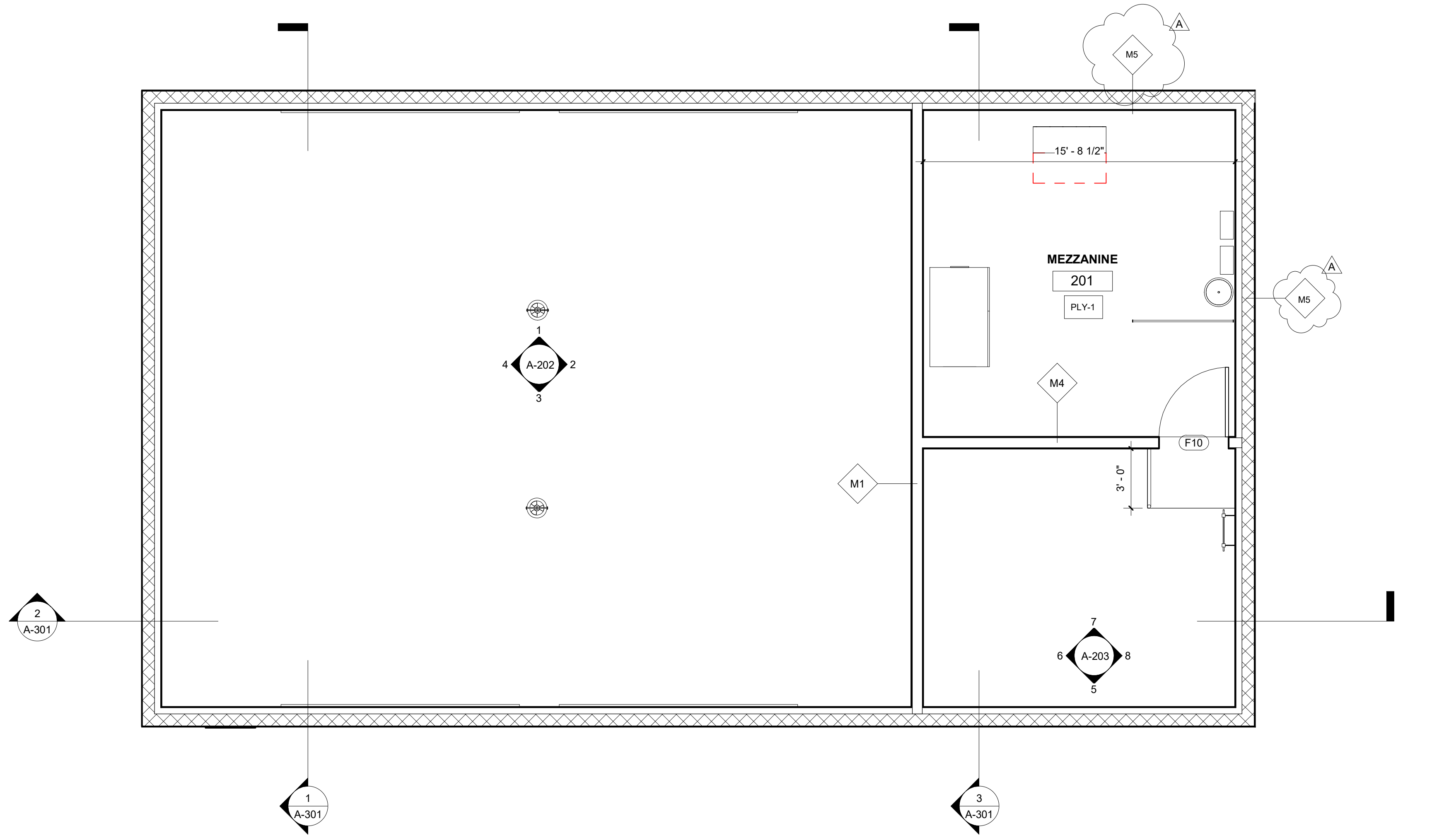
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CHECKED BY:	Checker
DATE:	2022.07.18
SCALE:	1/4" = 1'-0"
PROJECT NO.:	1021.024

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FIRE TRUCK BUILDING PROJECT -
 23TC21-503-DC
 T2 R9 TWP, MAINE
 WOODVILLE TRAINING SITE
 MEZZANINE FLOOR PLAN

- PLAN PROGRESS**
- DRAFT
 - 35% REVIEW
 - 65% REVIEW
 - 95% REVIEW
 - FINAL REVIEW
 - FOR BIDDING
 - ISSUED FOR CONSTRUCTION
 - RECORD DRAWINGS

SHEET ID:
A-102
 SHEET: 13 OF 37

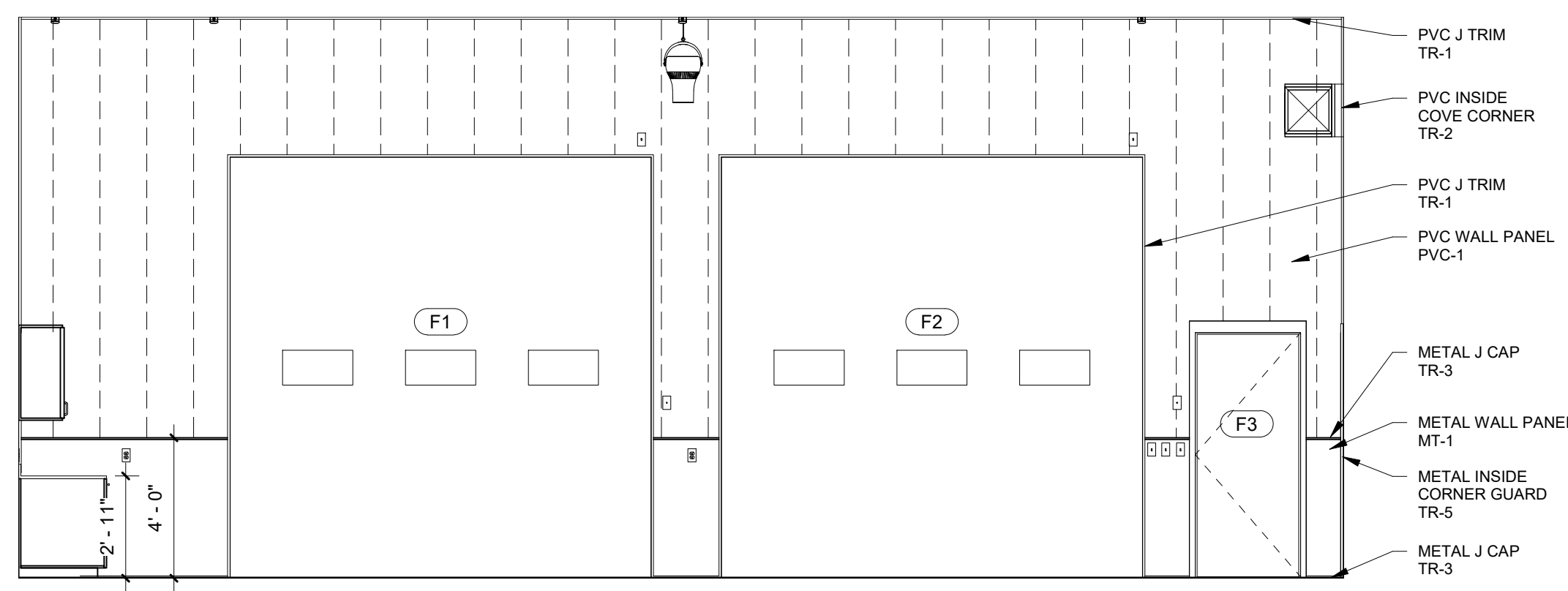


MEZZANINE
 SCALE: 1/4" = 1'-0"



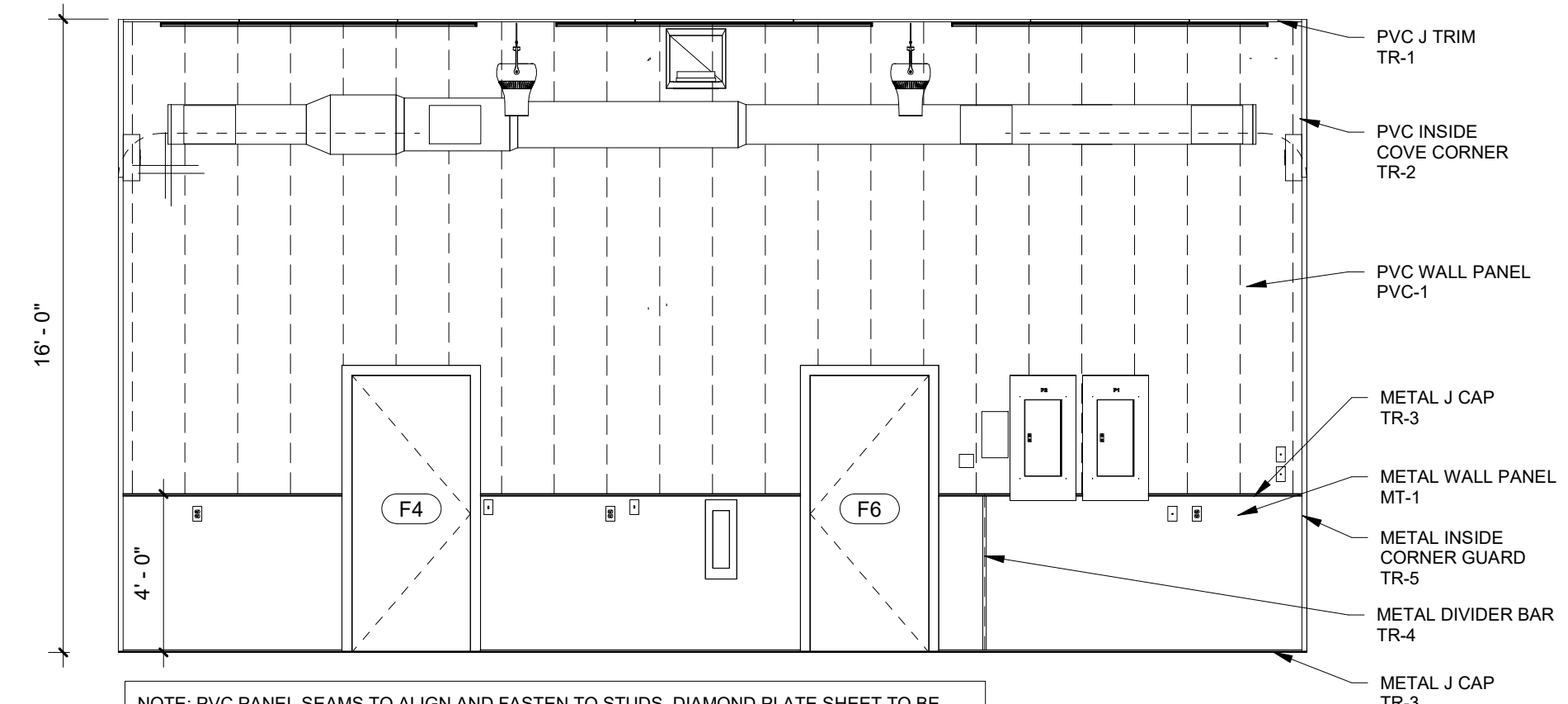


SHEET NOTES:
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 3. REFER TO A-601 FOR DOOR SCHEDULE, LEGEND, AND DETAILS.
 4. REFER TO A-601 FOR FINISH SCHEDULE & LEGEND.



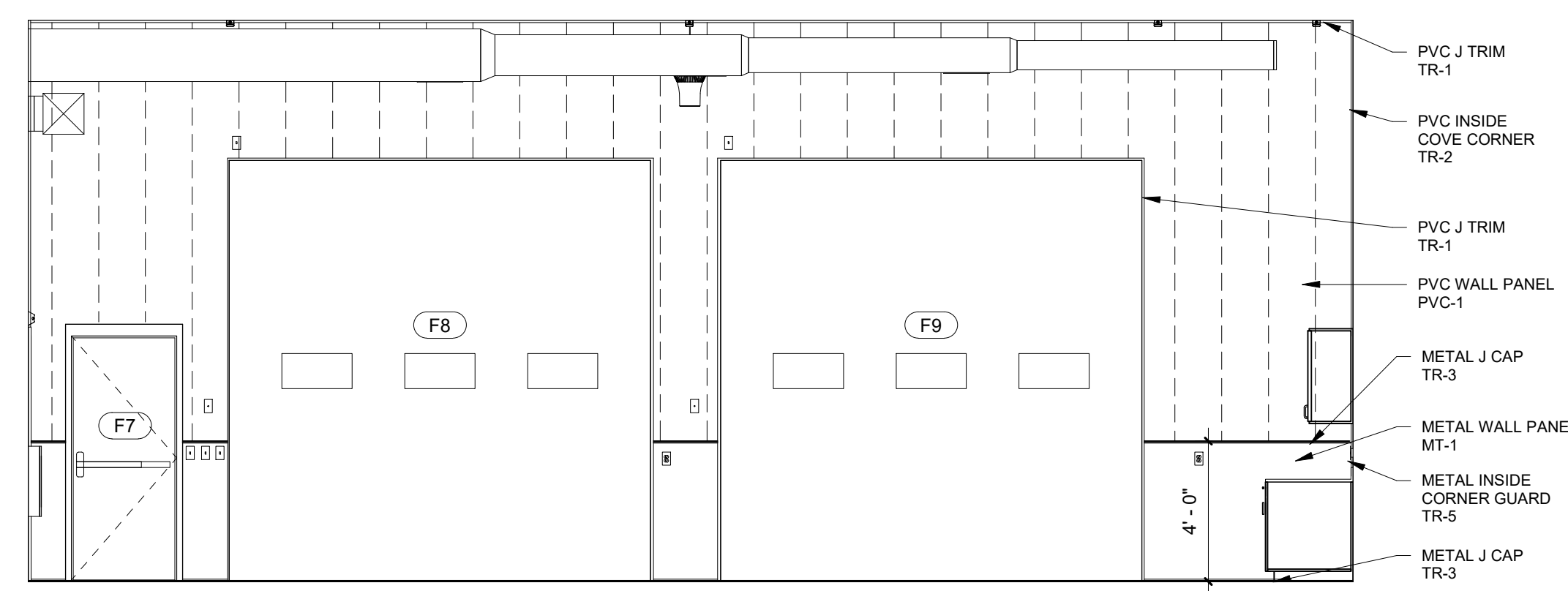
NOTE: PVC PANEL SEAMS TO ALIGN AND FASTEN TO STUDS. DIAMOND PLATE SHEET TO BE INSTALLED ON TOP OF PVC WALL PANELS AND SECURED TO STUDS. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR PVC PANELS, DIAMOND PLATE SHEET, AND ASSOCIATED TRIMS.

1 ELEVATION - APPARATUS BAY 1
 SCALE: 1/4" = 1'-0"



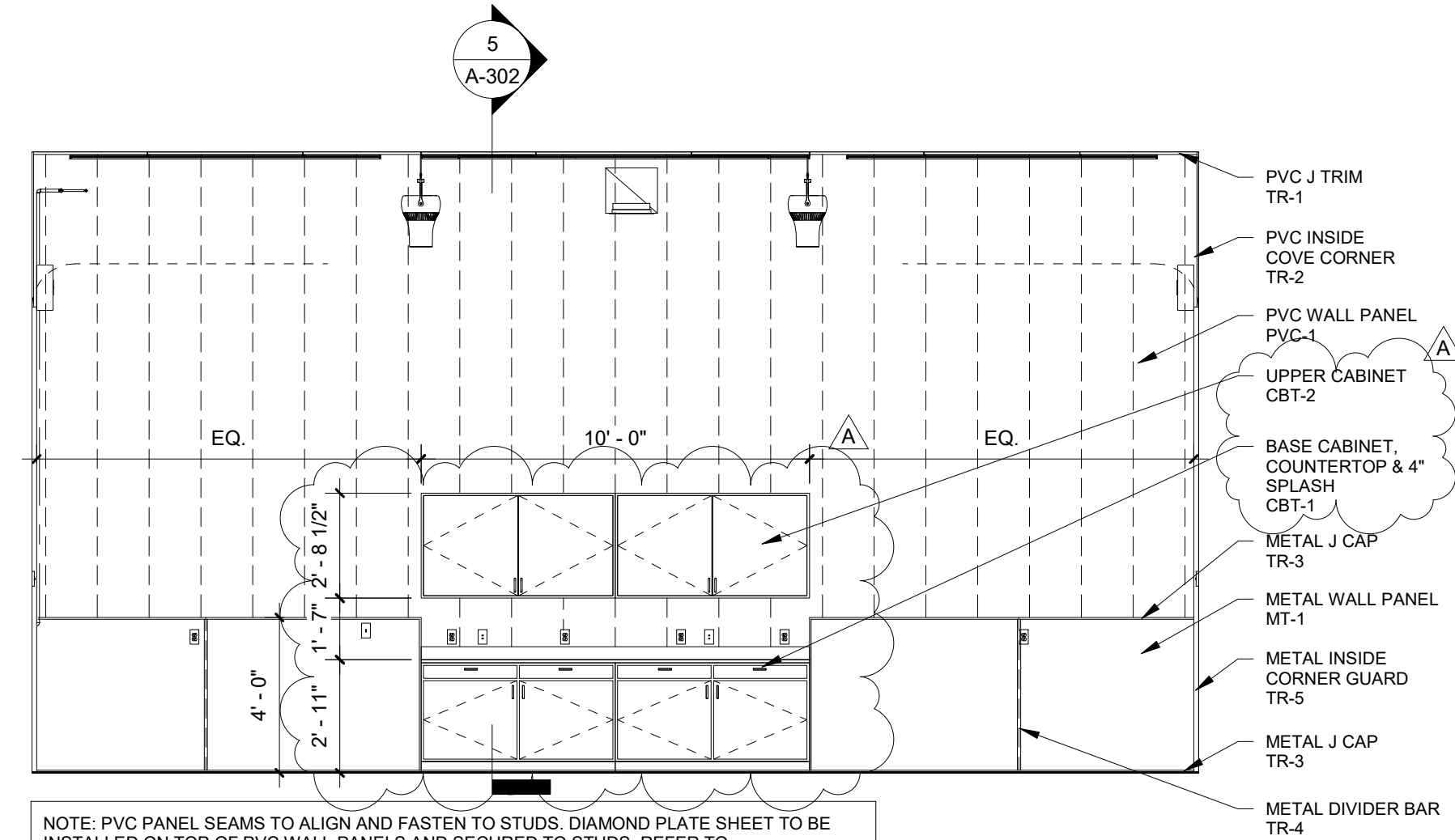
NOTE: PVC PANEL SEAMS TO ALIGN AND FASTEN TO STUDS. DIAMOND PLATE SHEET TO BE INSTALLED ON TOP OF PVC WALL PANELS AND SECURED TO STUDS. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR PVC PANELS, DIAMOND PLATE SHEET, AND ASSOCIATED TRIMS.

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



NOTE: PVC PANEL SEAMS TO ALIGN AND FASTEN TO STUDS. DIAMOND PLATE SHEET TO BE INSTALLED ON TOP OF PVC WALL PANELS AND SECURED TO STUDS. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR PVC PANELS, DIAMOND PLATE SHEET, AND ASSOCIATED TRIMS.

3 ELEVATION - APPARATUS BAY 3
 SCALE: 1/4" = 1'-0"



NOTE: PVC PANEL SEAMS TO ALIGN AND FASTEN TO STUDS. DIAMOND PLATE SHEET TO BE INSTALLED ON TOP OF PVC WALL PANELS AND SECURED TO STUDS. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR PVC PANELS, DIAMOND PLATE SHEET, AND ASSOCIATED TRIMS.

4 ELEVATION - APPARATUS BAY 4
 SCALE: 1/4" = 1'-0"

NO.	REVISION	DATE	BY	APPR.

DESIGNED BY: Designer	CHECKED BY: Checker	DATE: 2022.07.18	SCALE: 1/4" = 1'-0"	PROJECT NO: 1021.024
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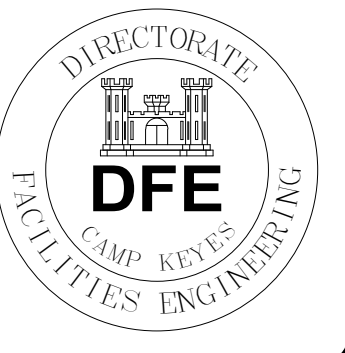
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FIRE TRUCK BUILDING PROJECT -
 23TC21-503-DC
 T2 R9 TWP, MAINE
 WOODVILLE TRAINING SITE
 ELEVATIONS - INTERIOR

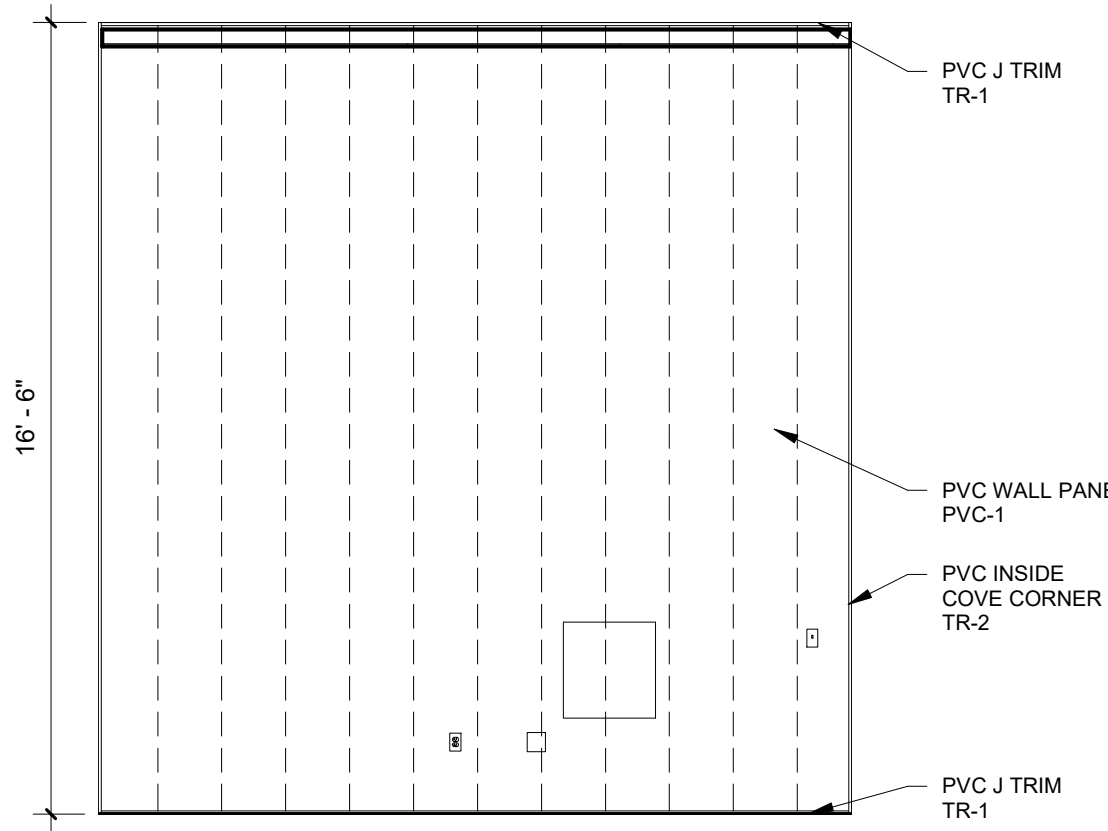
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<input type="checkbox"/> ISSUED FOR CONSTRUCTION	<input type="checkbox"/> RECORD DRAWINGS

SHEET ID:
A-202
 SHEET: 15 OF 37



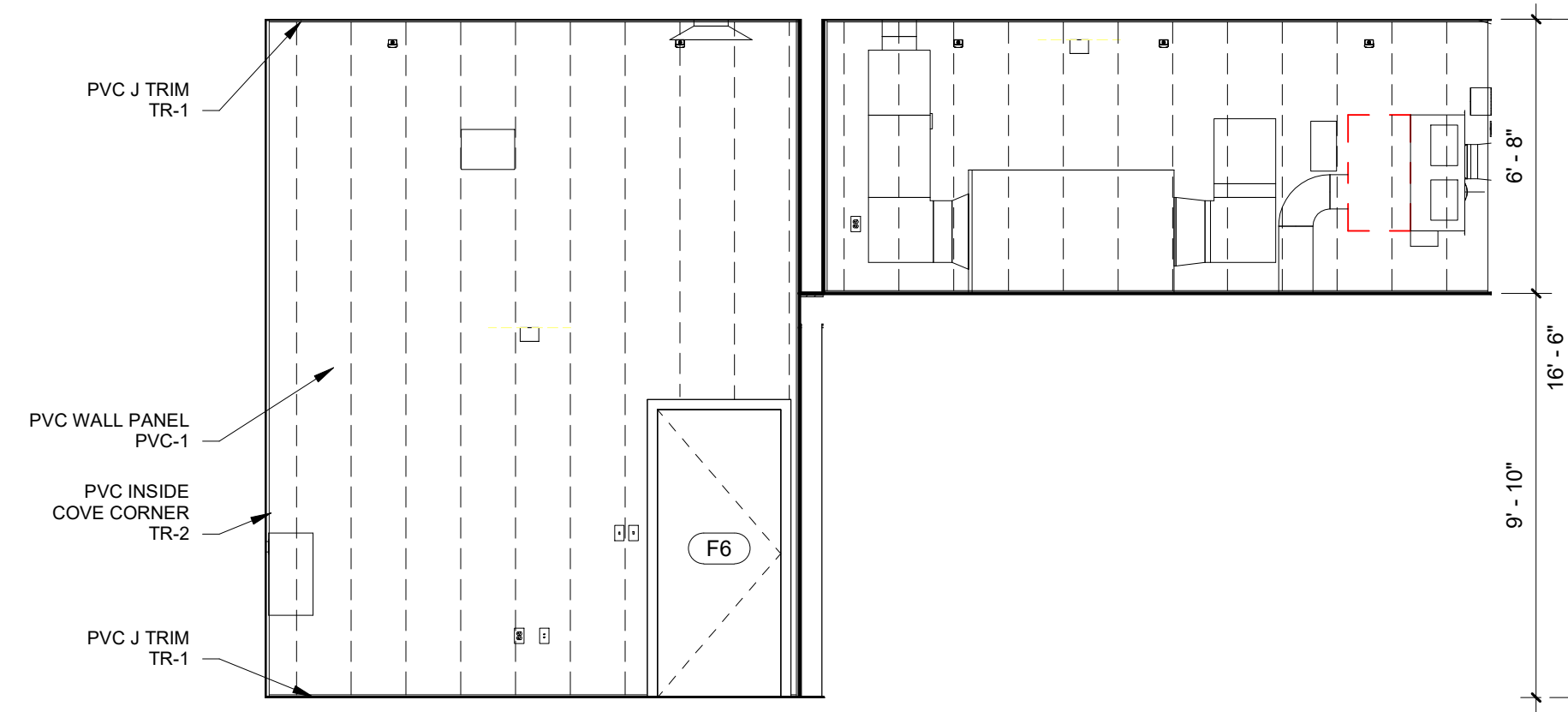


SHEET NOTES:
 1. REFER TO A-302 FOR INTERIOR WALL SECTIONS.
 2. REFER TO A-303 FOR EXTERIOR WALL SECTIONS.
 3. REFER TO A-601 FOR DOOR SCHEDULE, LEGEND, AND DETAILS.
 4. REFER TO A-601 FOR FINISH SCHEDULE & LEGEND.



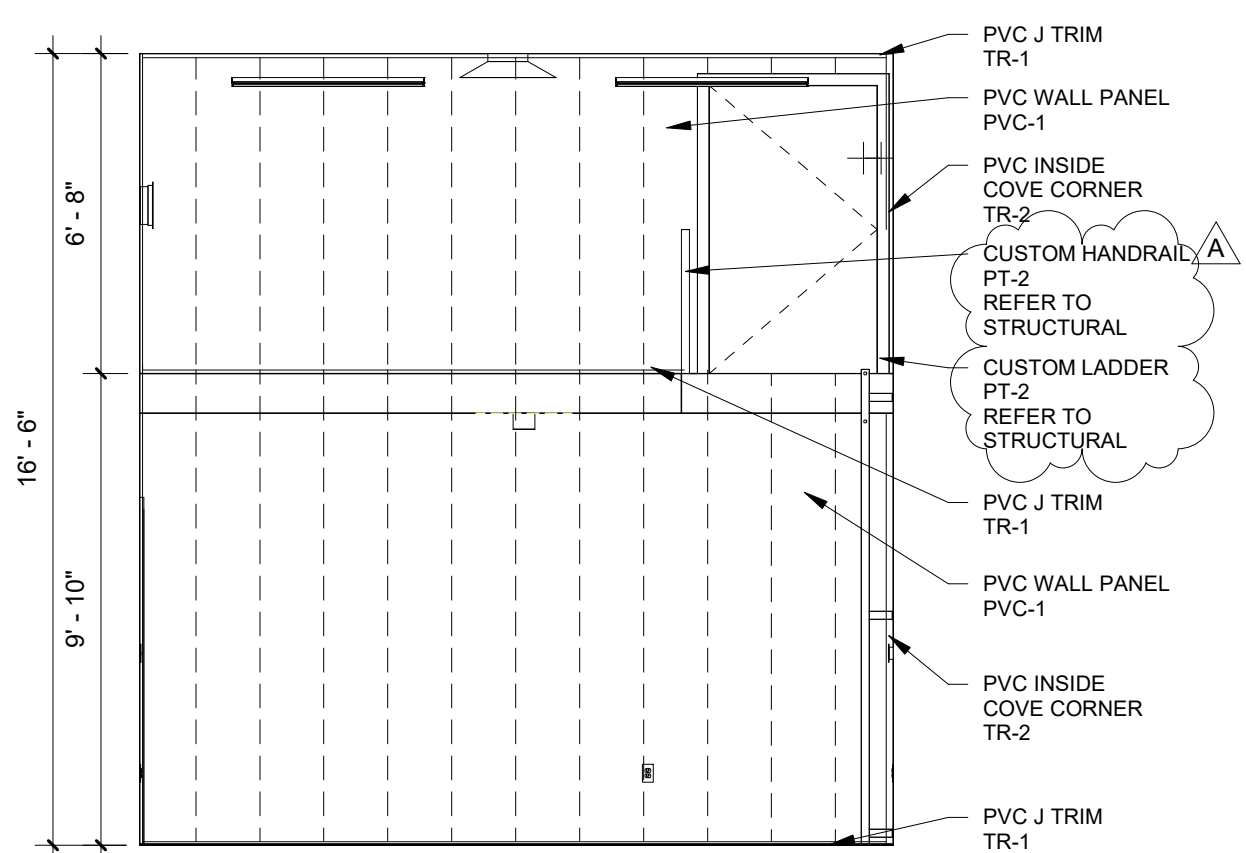
NOTE: PVC PANEL SEAMS TO ALIGN AND FASTEN TO STUDS. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR PVC PANELS AND ASSOCIATED TRIMS.

5 ELEVATION - STORAGE 1
 SCALE: 1/4" = 1'-0"



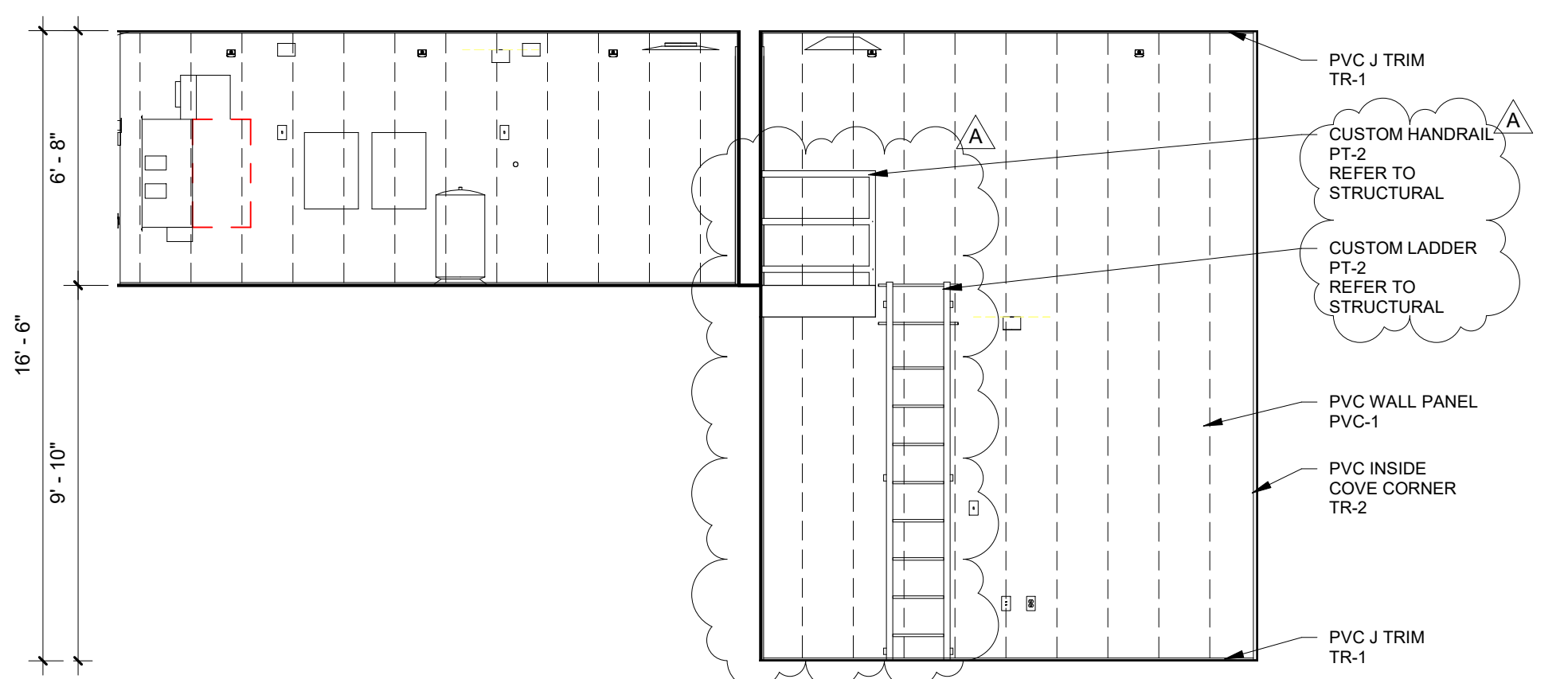
NOTE: PVC PANEL SEAMS TO ALIGN AND FASTEN TO STUDS. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR PVC PANELS AND ASSOCIATED TRIMS.

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



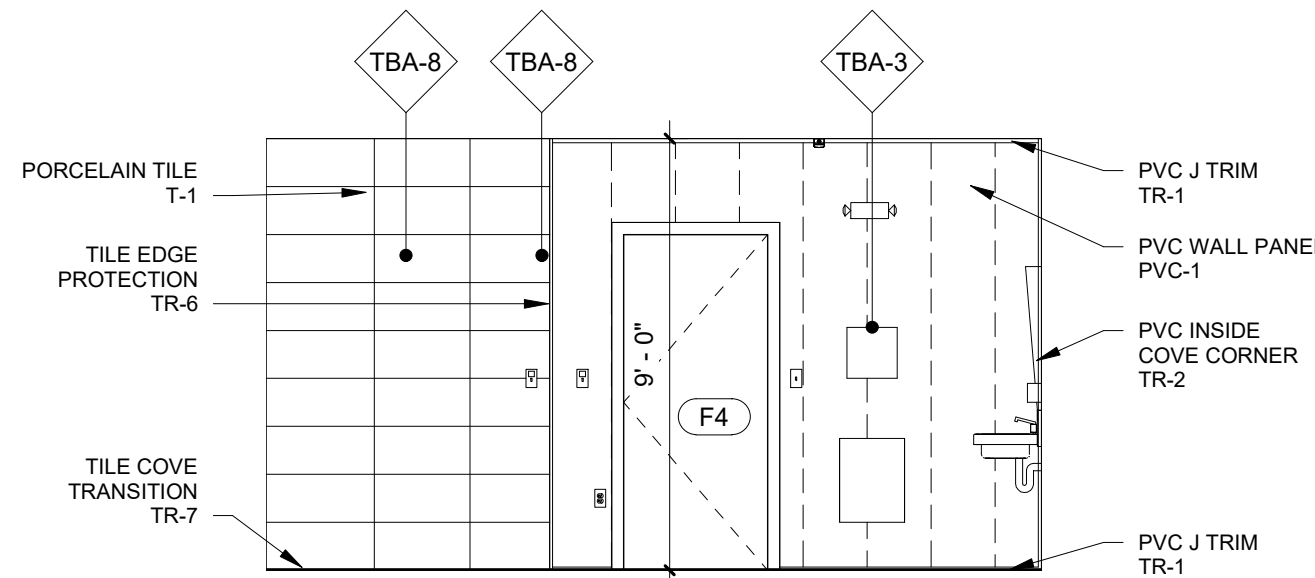
NOTE: PVC PANEL SEAMS TO ALIGN AND FASTEN TO STUDS. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR PVC PANELS AND ASSOCIATED TRIMS.

7 ELEVATION - STORAGE 3
 SCALE: 1/4" = 1'-0"



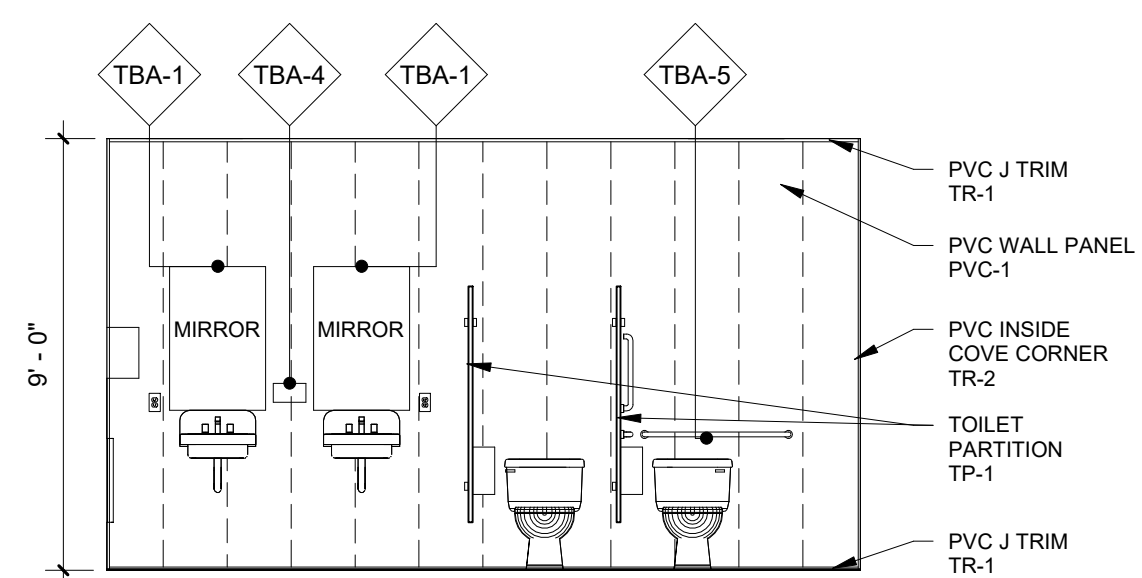
NOTE: PVC PANEL SEAMS TO ALIGN AND FASTEN TO STUDS. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR PVC PANELS AND ASSOCIATED TRIMS.

8 ELEVATION - STORAGE 4
 SCALE: 1/4" = 1'-0"



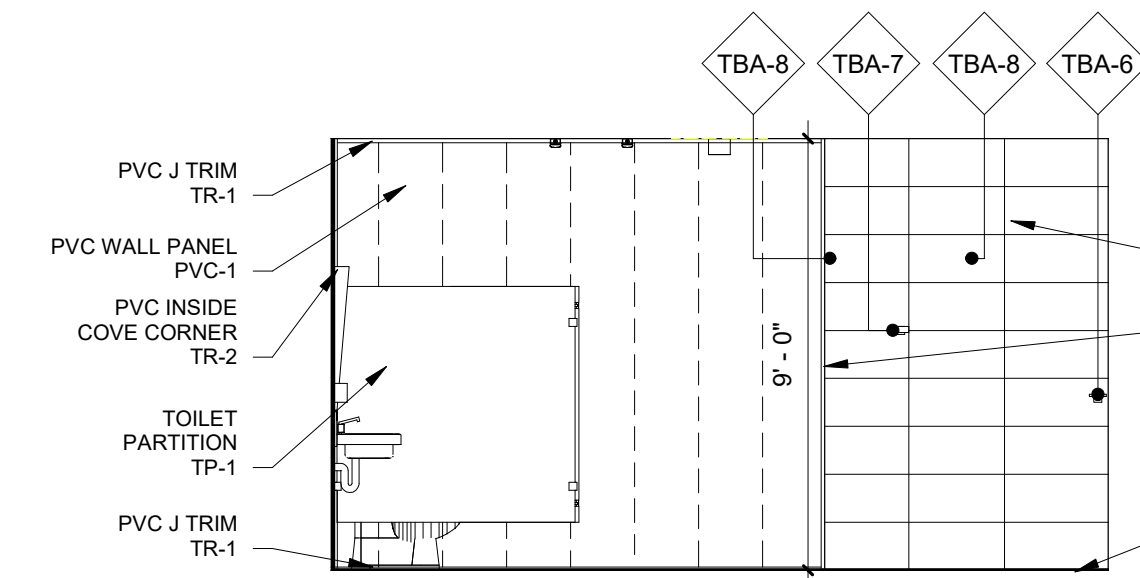
NOTE: PVC PANEL SEAMS TO ALIGN AND FASTEN TO STUDS. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR PVC PANELS AND ASSOCIATED TRIMS.

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



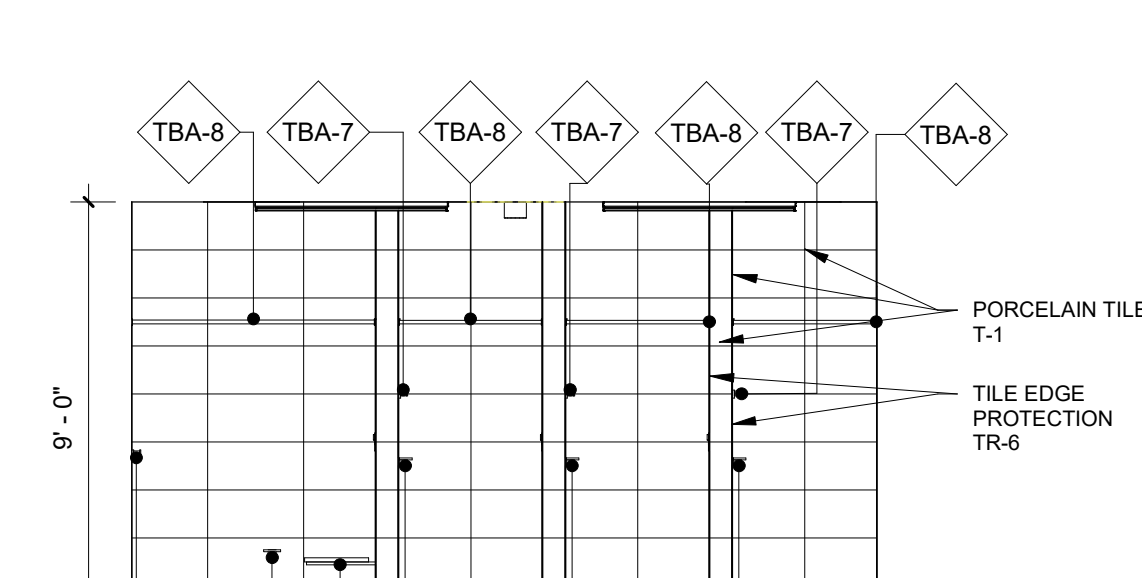
NOTE: PVC PANEL SEAMS TO ALIGN AND FASTEN TO STUDS. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR PVC PANELS AND ASSOCIATED TRIMS.

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



NOTE: PVC PANEL SEAMS TO ALIGN AND FASTEN TO STUDS. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR PVC PANELS AND ASSOCIATED TRIMS.

3 ELEVATION - RESTROOM 3
 SCALE: 1/4" = 1'-0"



NOTE: PVC PANEL SEAMS TO ALIGN AND FASTEN TO STUDS. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR PVC PANELS AND ASSOCIATED TRIMS.

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



Rev	Description	Date	Appr.
1			
2			
3			
4			
5			
6			
7			
8			

DESIGNED BY: Designer	CHECKED BY: Checker	DATE: 2022.07.18	SCALE: 1/4" = 1'-0"	PROJECT NO: 1021024
DRAWN BY:				

STATE OF MAINE
 DEPARTMENT OF DEFENSE, VETERANS
 AND EMERGENCY MANAGEMENT
 HALEY WARD, INC.
 1 MERCHANTS PLAZA
 BANGOR, MAINE
 (207) 989-4824

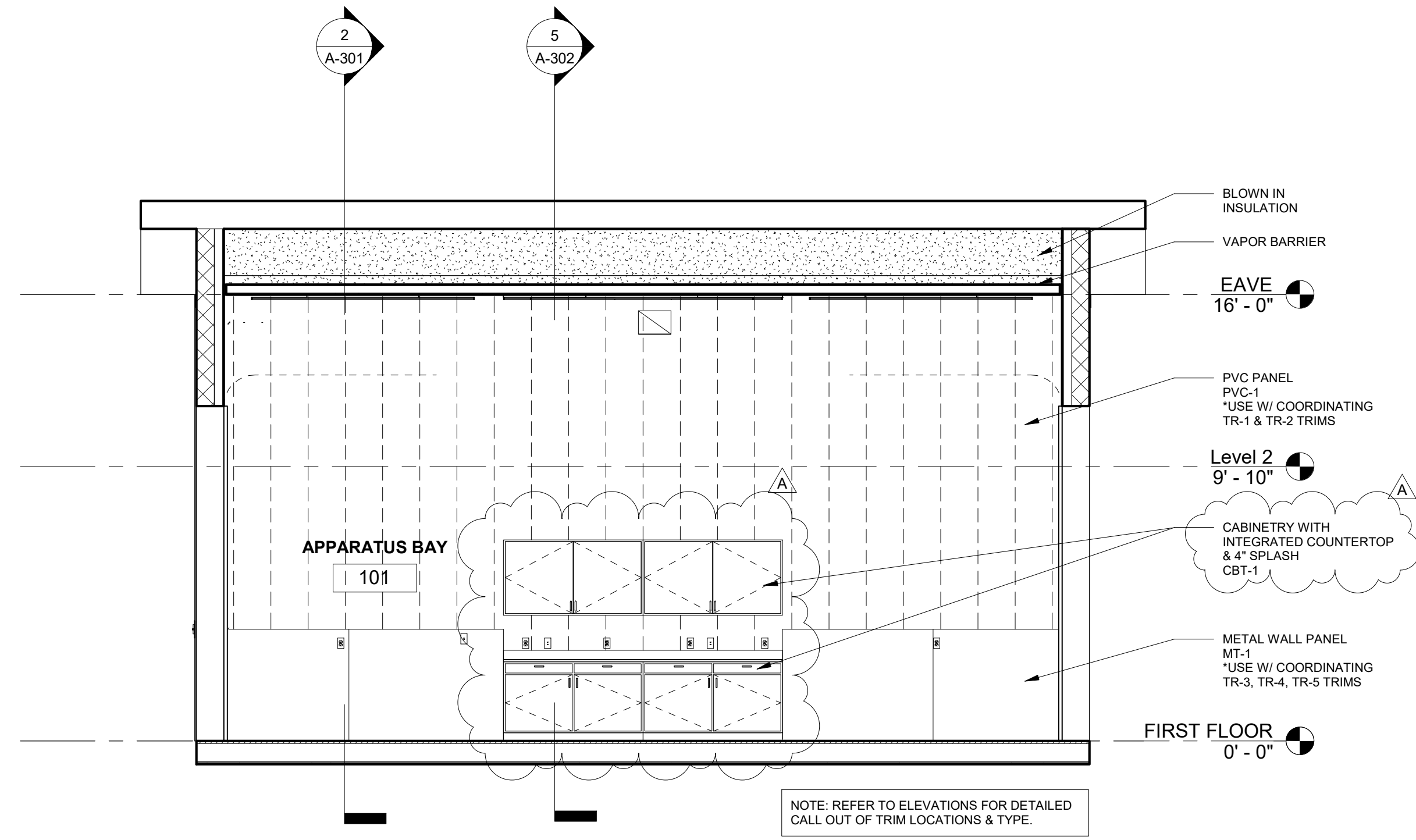
FIRE TRUCK BUILDING PROJECT -
 23TC21-503-DC
 T2, R9, TWP, MAINE
 WOODVILLE TRAINING SITE
 ELEVATIONS - INTERIOR

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<input type="checkbox"/>	95% REVIEW
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<input type="checkbox"/>	RECORD DRAWINGS

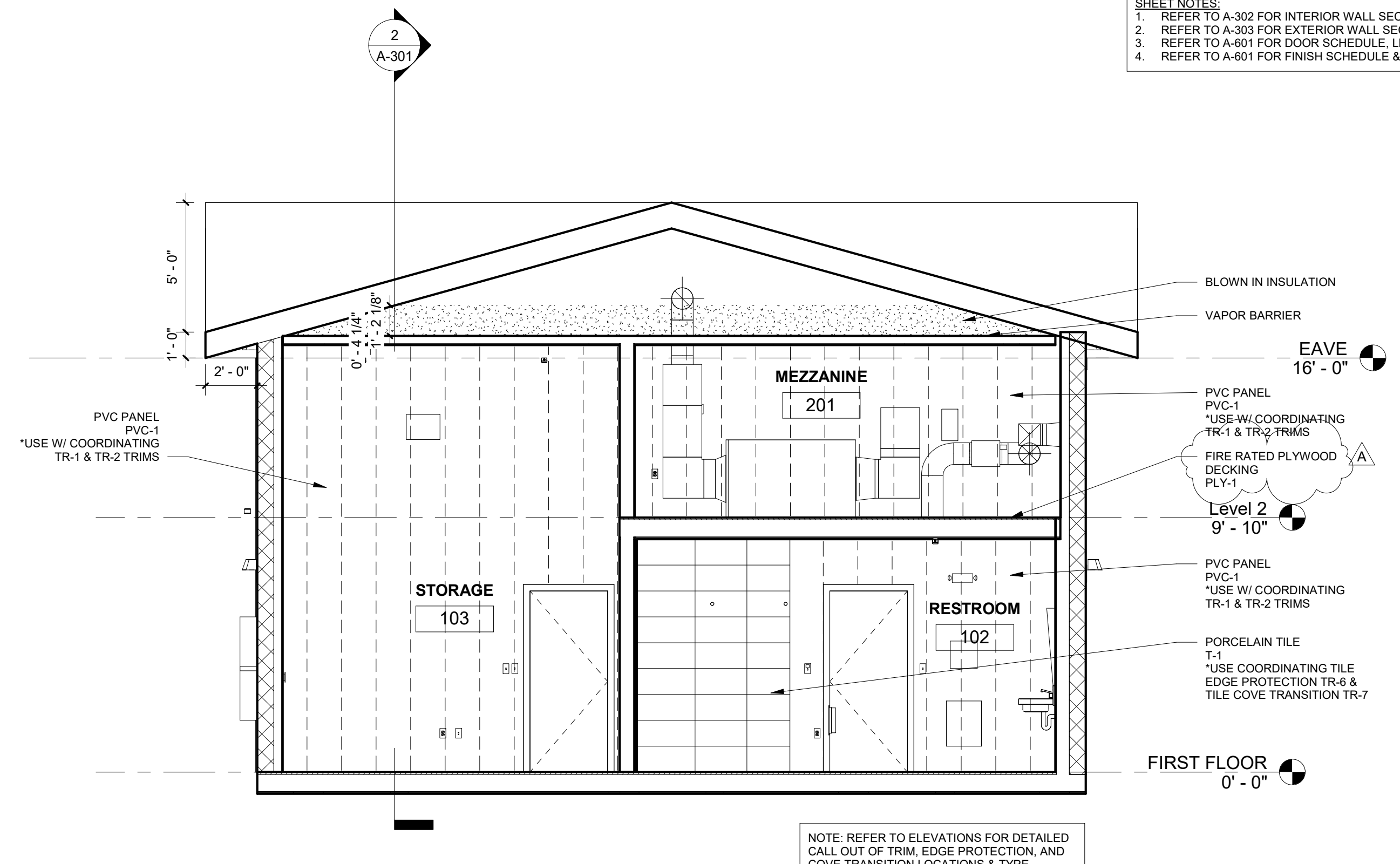
SHEET ID:
A-203
 SHEET: 16 OF 37



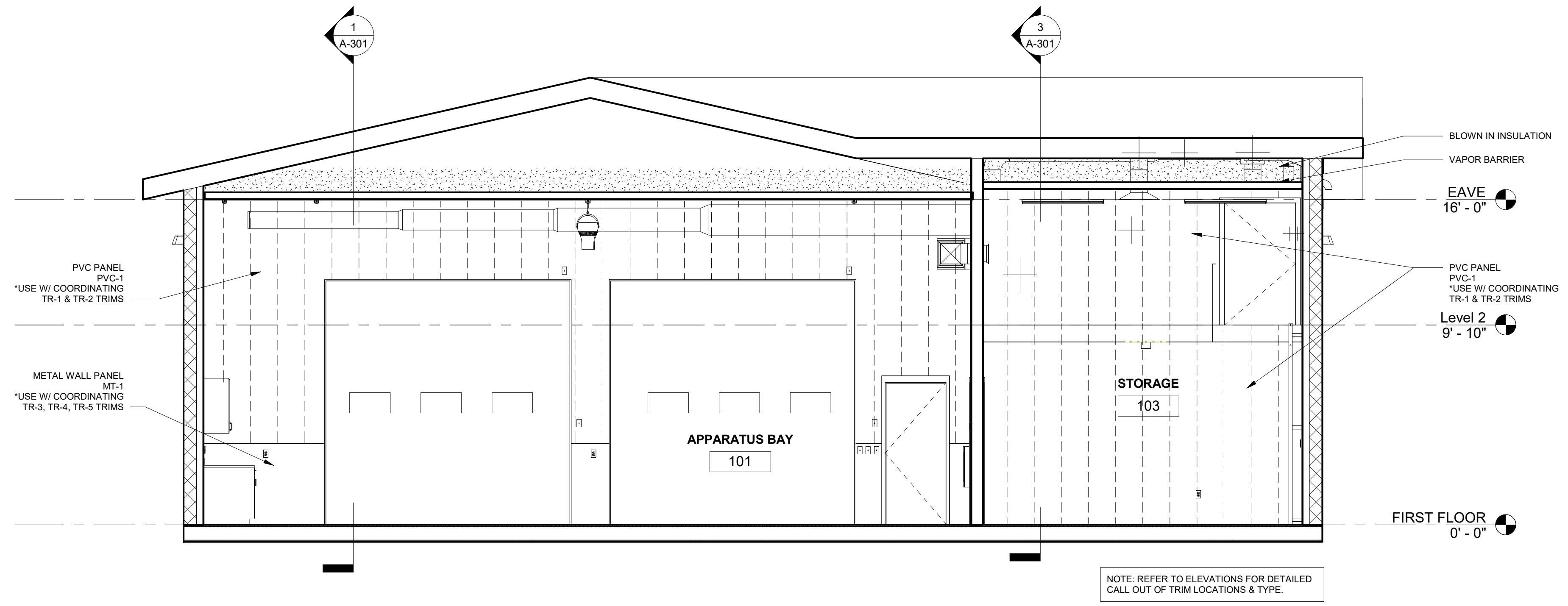
SHEET NOTES:
 1. REFER TO A-302 FOR INTERIOR WALL SECTIONS.
 2. REFER TO A-303 FOR EXTERIOR WALL SECTIONS.
 3. REFER TO A-601 FOR DOOR SCHEDULE, LEGEND, AND DETAILS.
 4. REFER TO A-601 FOR FINISH SCHEDULE & LEGEND.



1 SECTION - NORTH TO SOUTH APPARATUS BAY
 A-301 SCALE: 1/4" = 1'-0"



3 SECTION - NORTH TO SOUTH STORAGE & RESTROOM
 A-301 SCALE: 1/4" = 1'-0"



2 SECTION - WEST TO EAST
 A-301 SCALE: 1/4" = 1'-0"

NO.	REVISION	DATE	BY	APPR.

DESIGNED BY:	Designer
DRAWN BY:	
CHECKED BY:	Checker
DATE:	2022.07.18
SCALE:	1/4" = 1'-0"
PROJECT NO.:	1021.024

STATE OF MAINE
 DEPARTMENT OF DEFENSE, VETERANS
 AND EMERGENCY MANAGEMENT
 HAILEY WARD, INC.
 1 MERCHANTS PLAZA
 BANGOR, MAINE
 (207) 989-4524

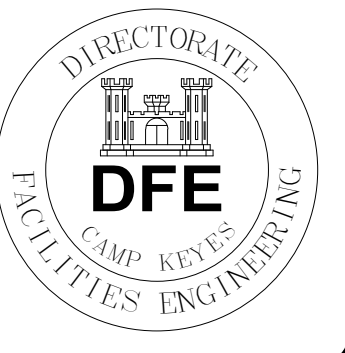
FIRE TRUCK BUILDING PROJECT -
 23TC21-503-DC
 T2 R9 TWP, MAINE
 WOODVILLE TRAINING SITE
 BUILDING SECTIONS

PLAN PROGRESS

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SHEET ID:
A-301
 SHEET: 17 OF 37





NO.	REVISION	DATE	BY

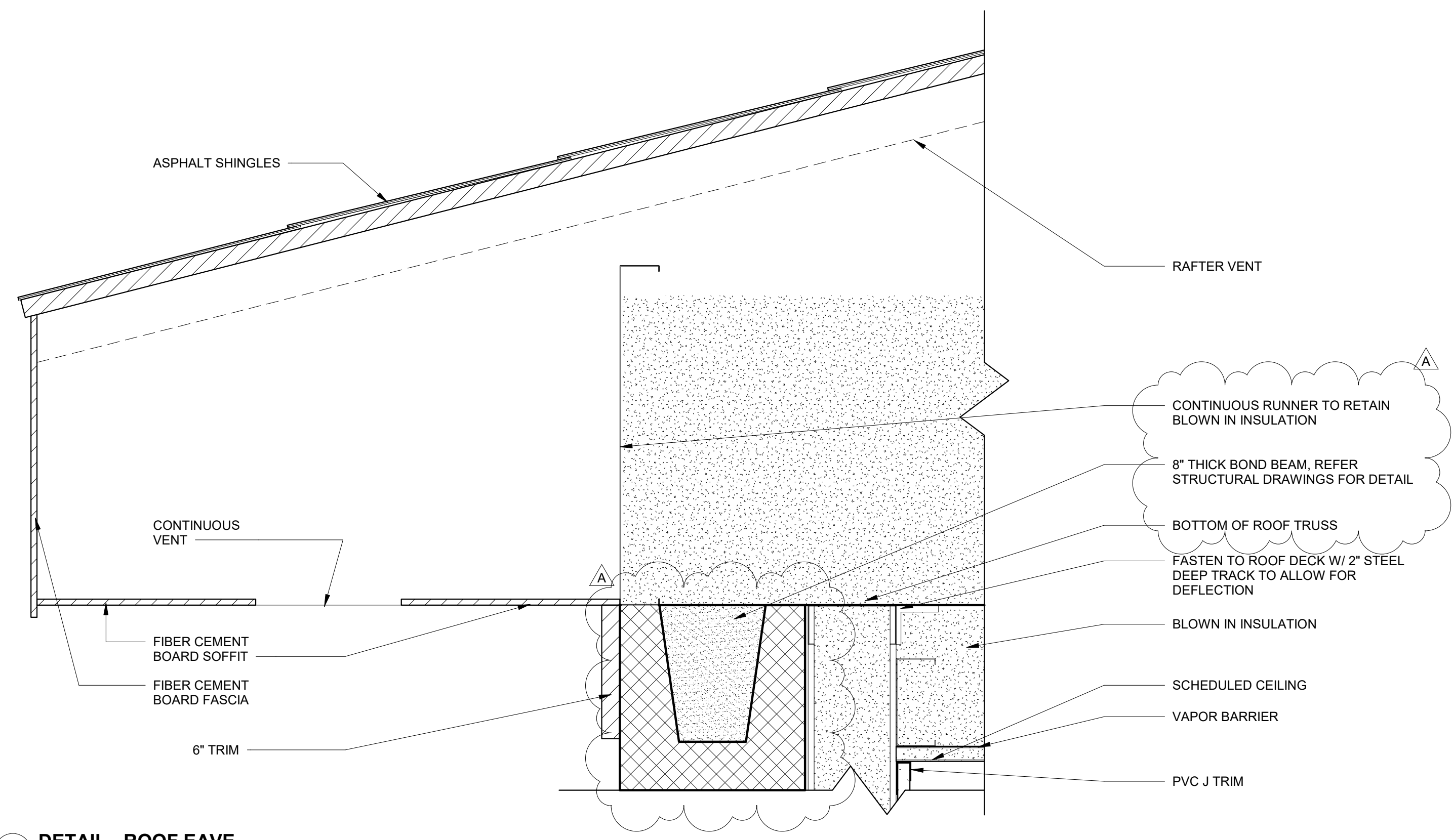
DESIGNED BY: Designer	CHECKED BY: Checker
DRAWN BY: [Blank]	DATE: 2022.07.18
SCALE: 3" = 1'-0"	PROJECT NO: 1021.024

STATE OF MAINE
 DEPARTMENT OF DEFENSE, VETERANS
 AND EMERGENCY MANAGEMENT
 HALEY WARD, INC.
 1 MERCHANTS PLAZA
 BANGOR, MAINE
 (207) 989-4824

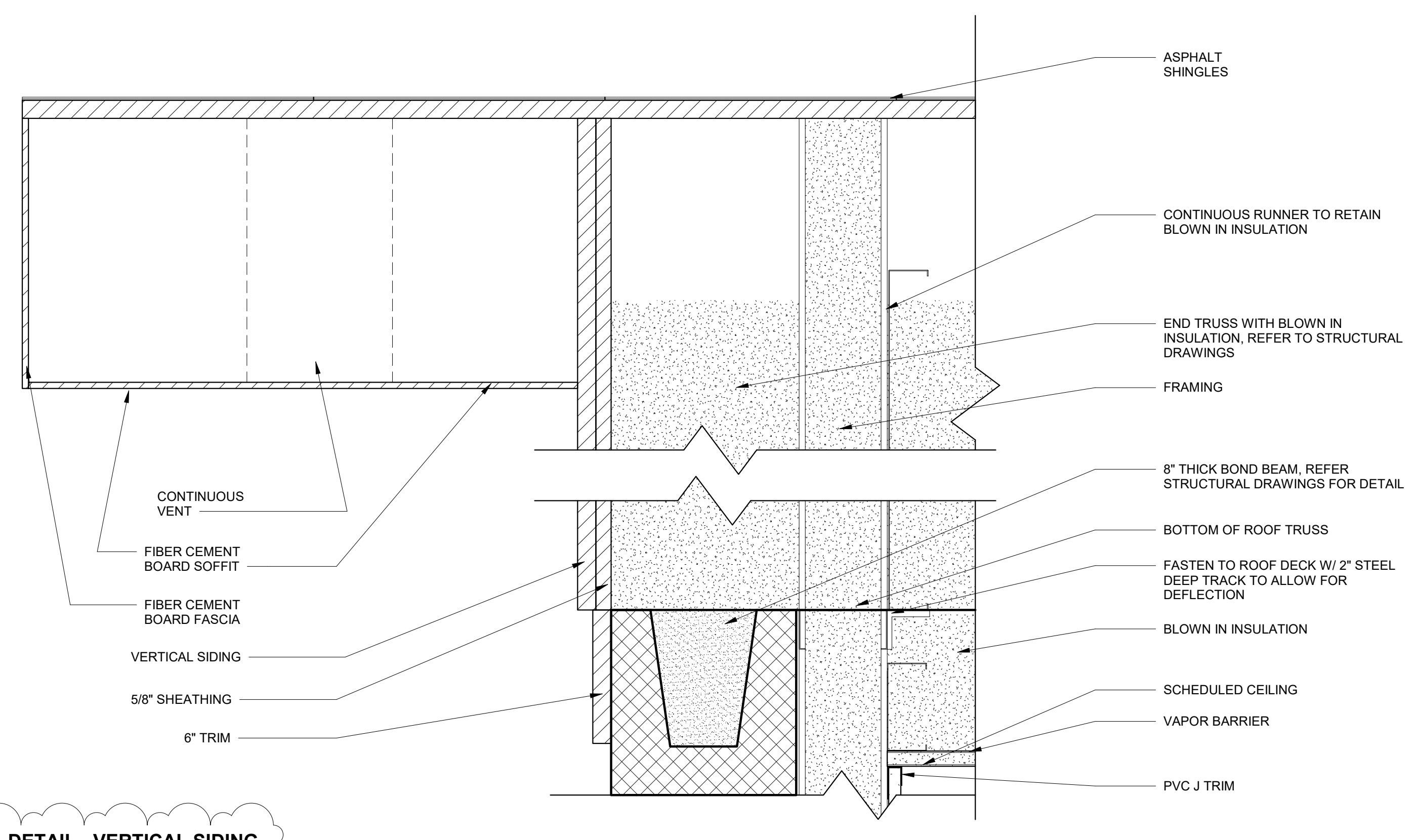
FIRE TRUCK BUILDING PROJECT -
 23TC21-503-DC
 T2 R9 TWP, MAINE
 WOODVILLE TRAINING SITE
 WALL SECTIONS - EXTERIOR

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<input type="checkbox"/>	RECORD DRAWINGS

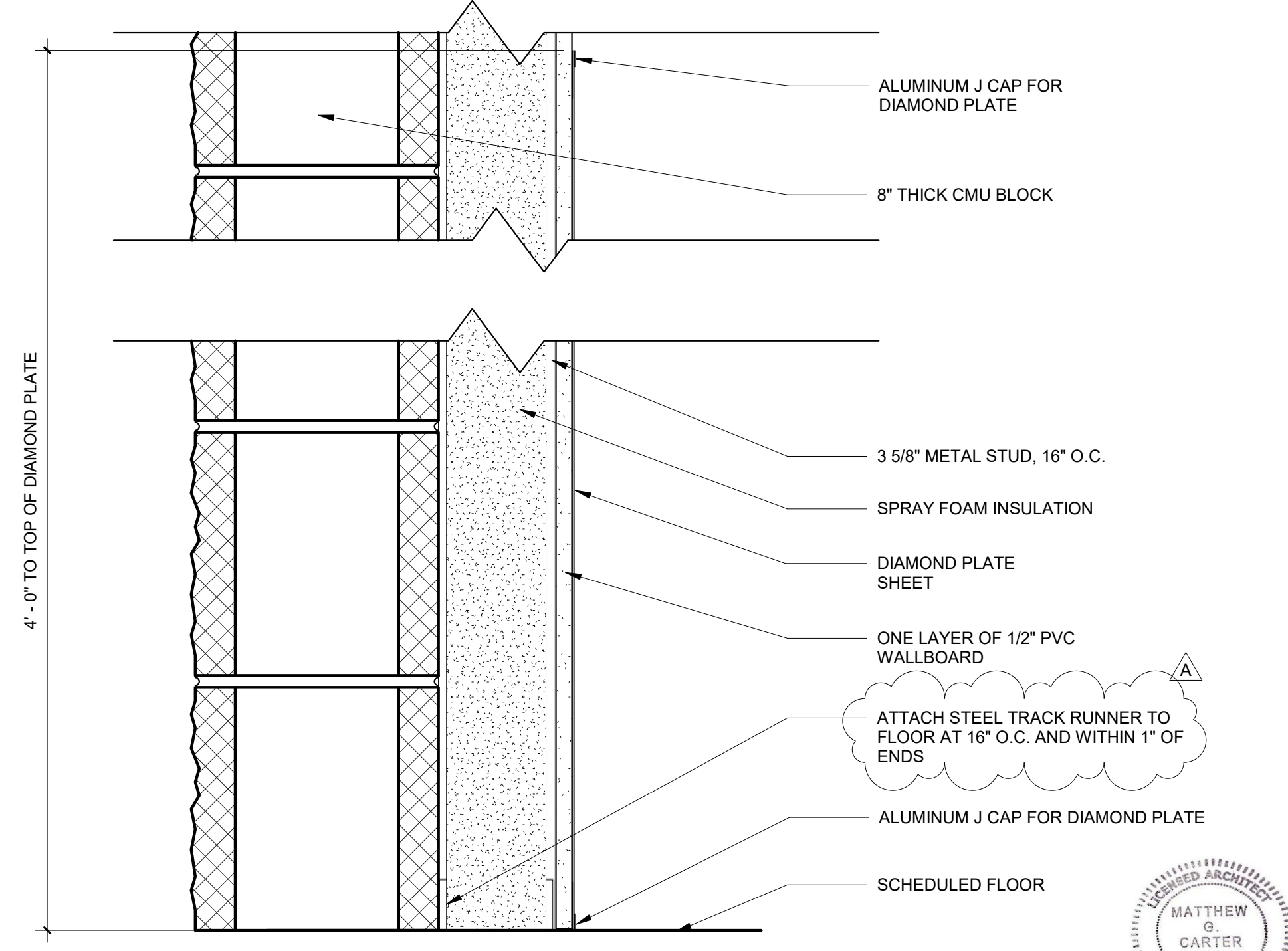
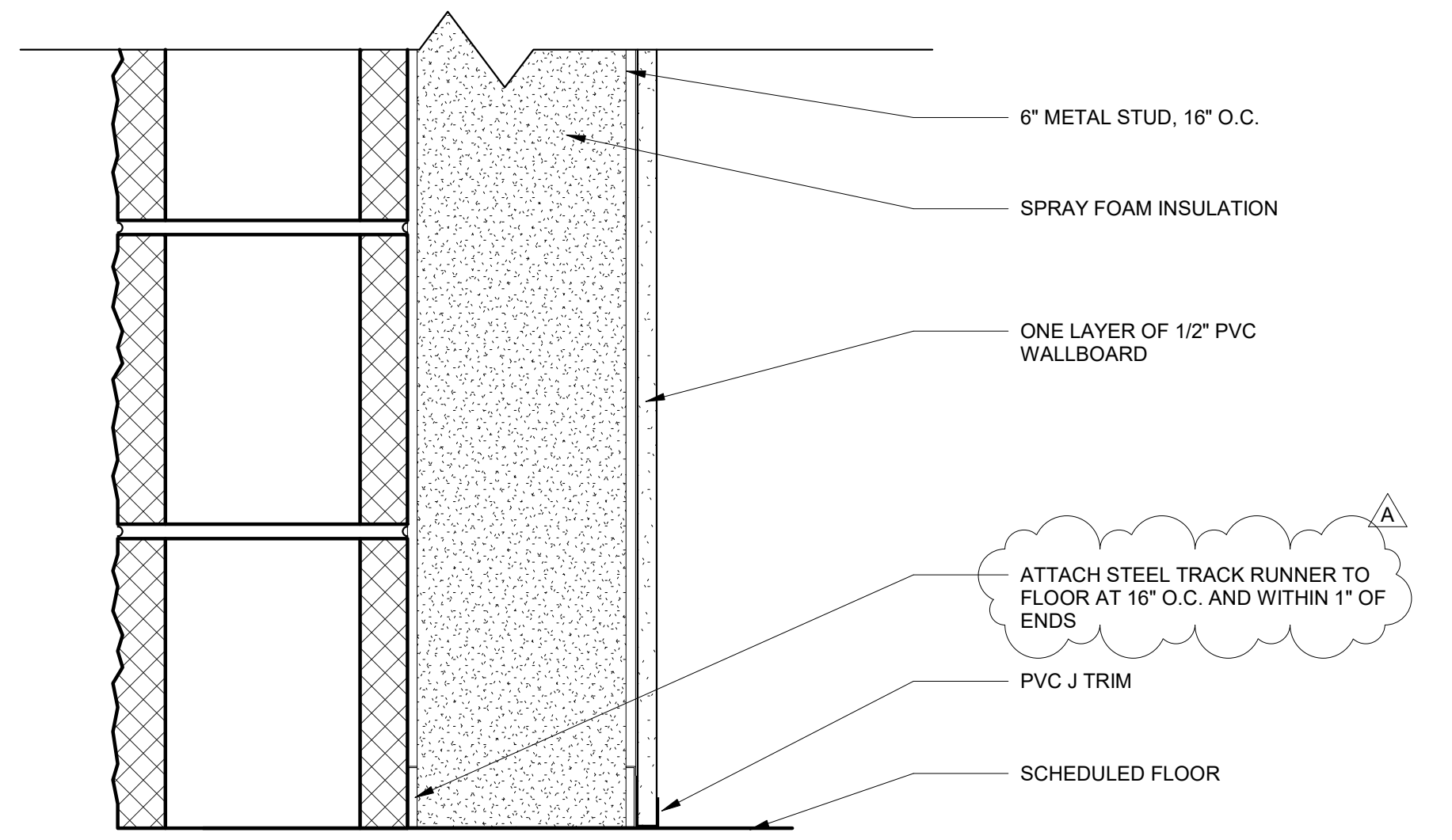
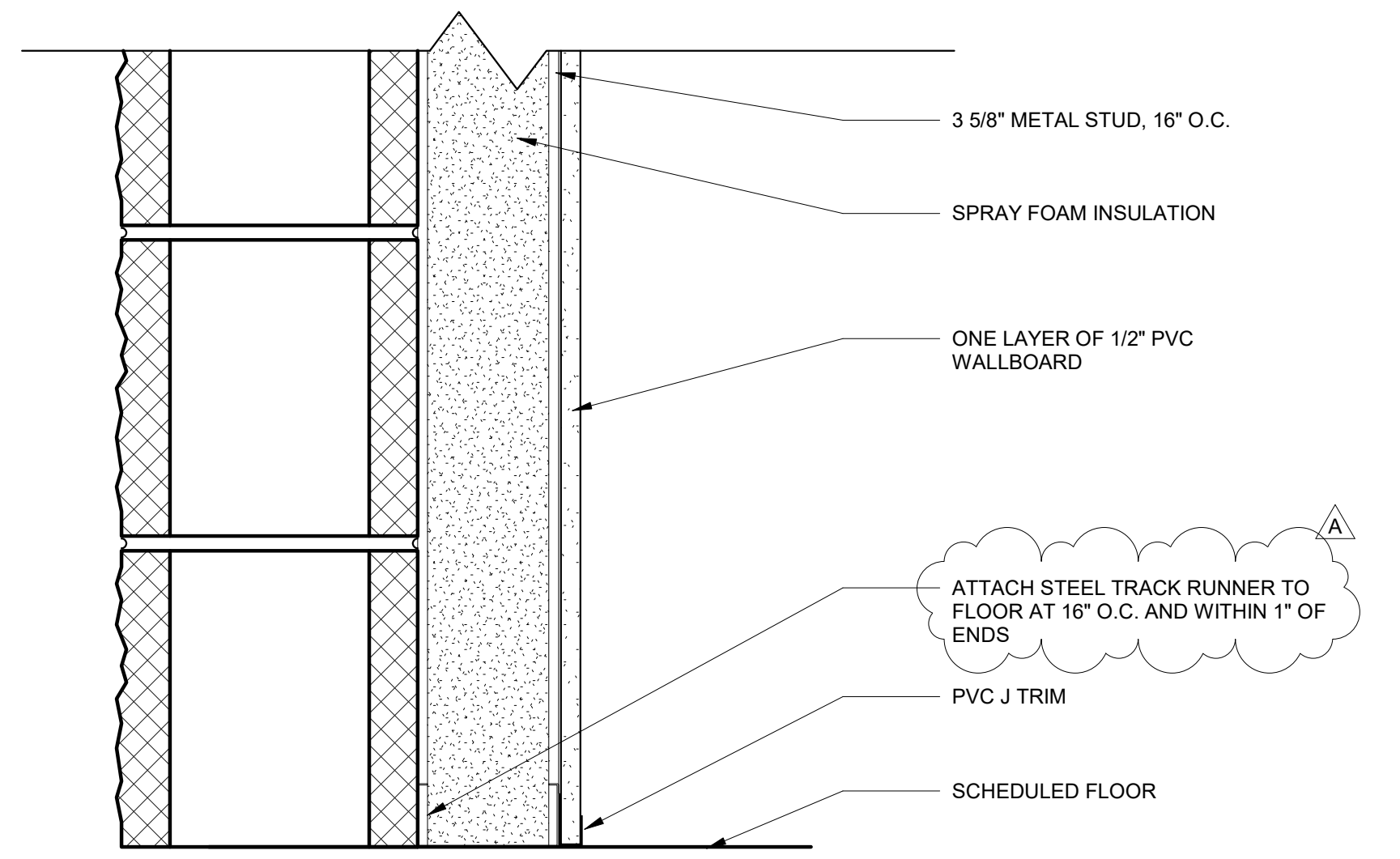
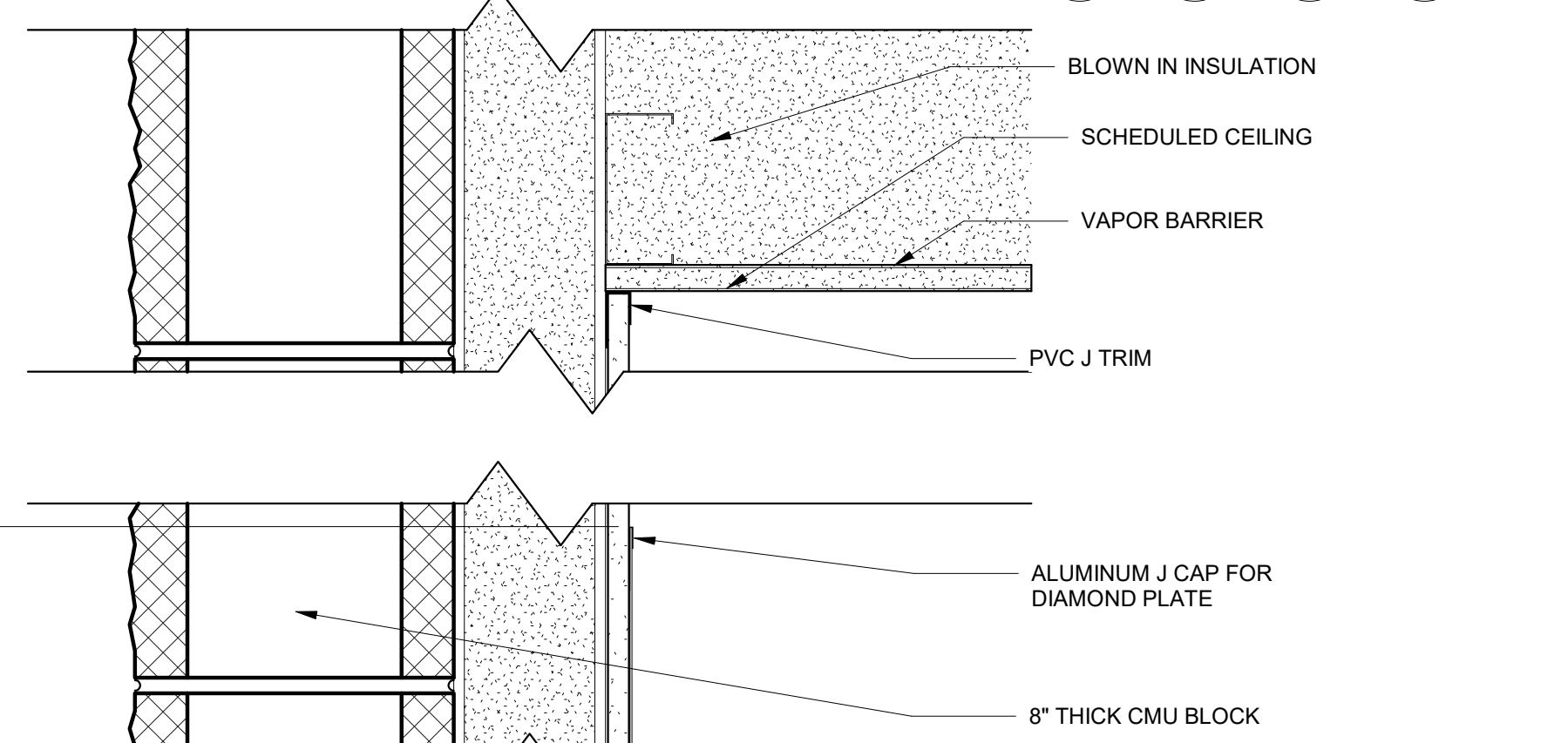
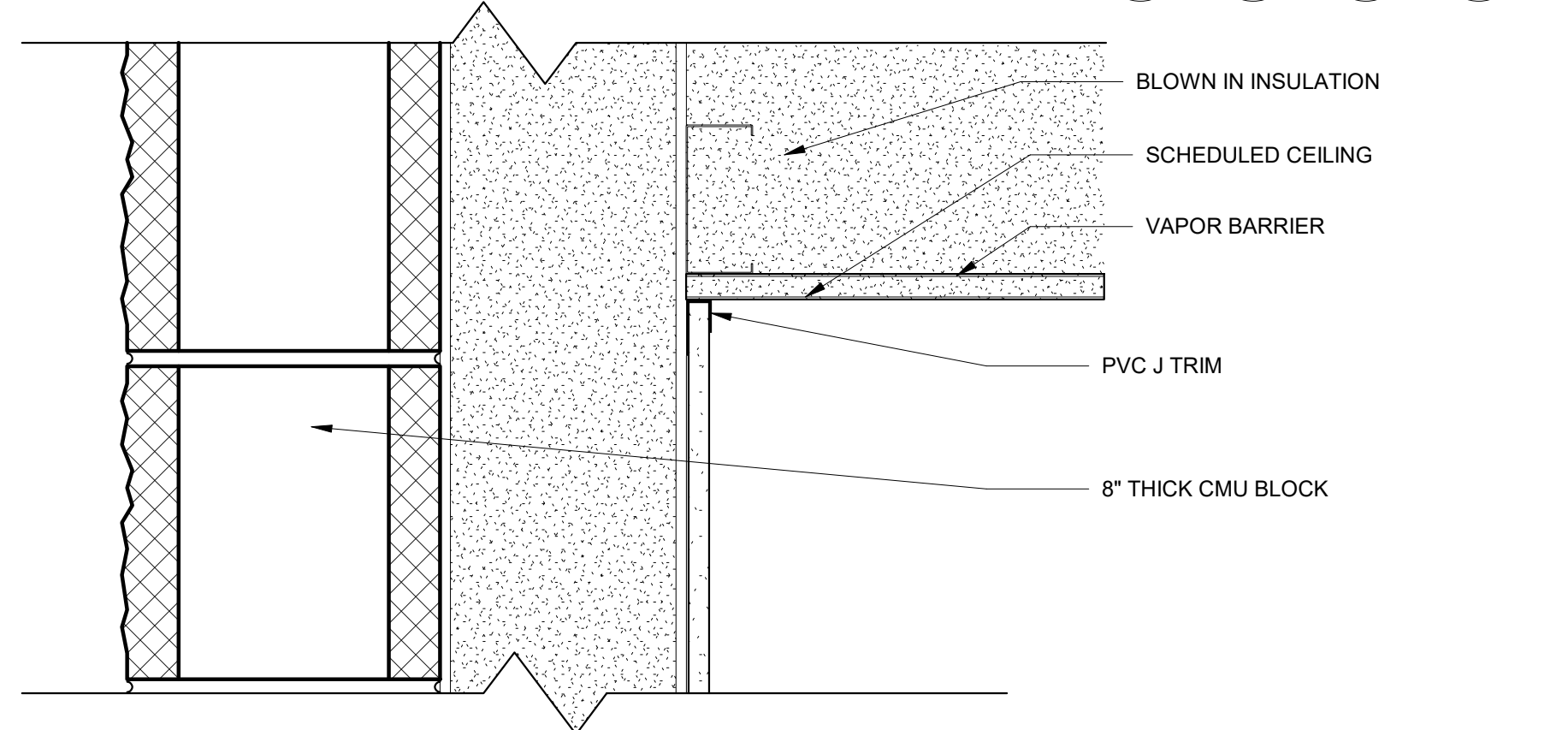
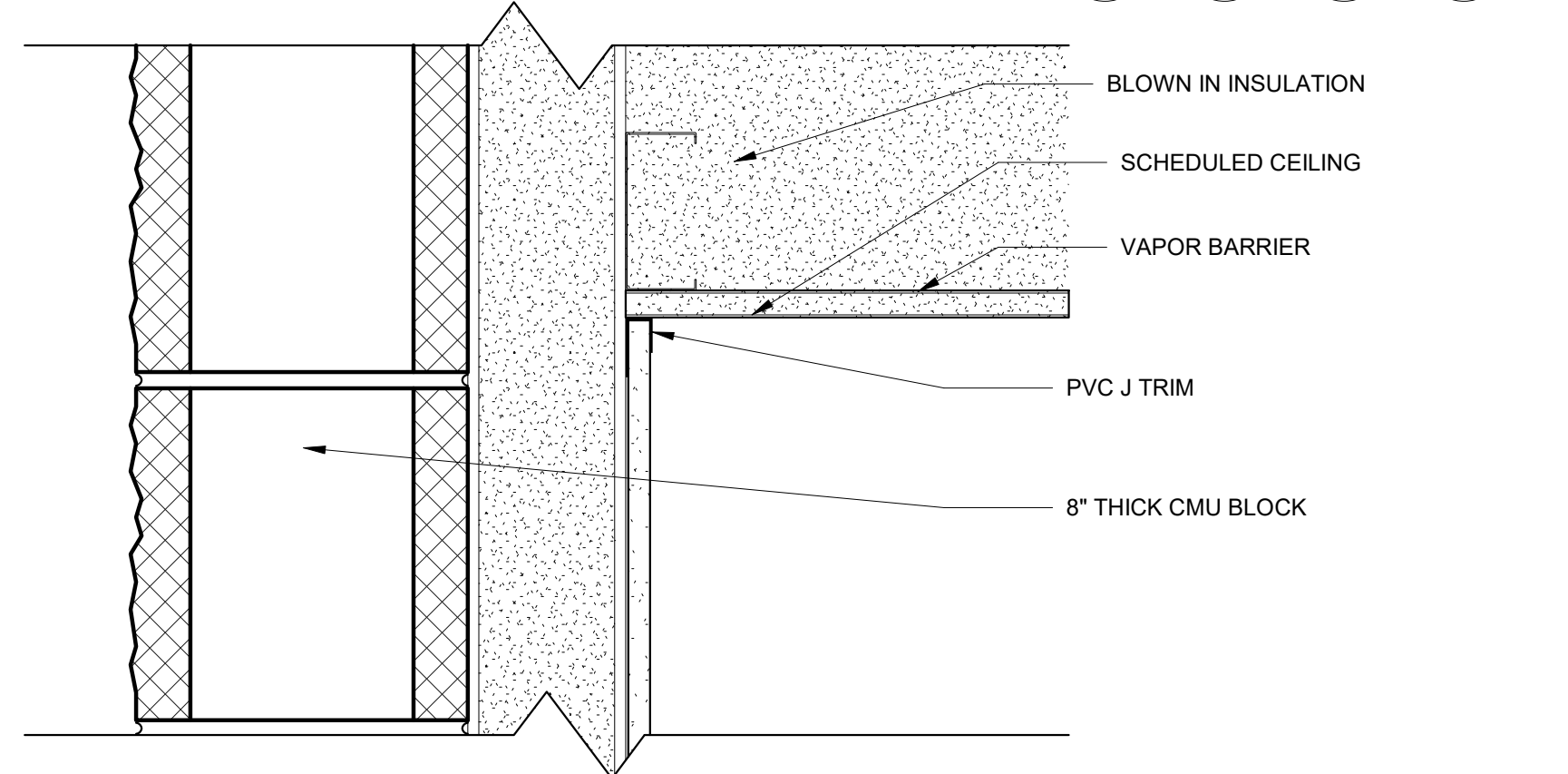
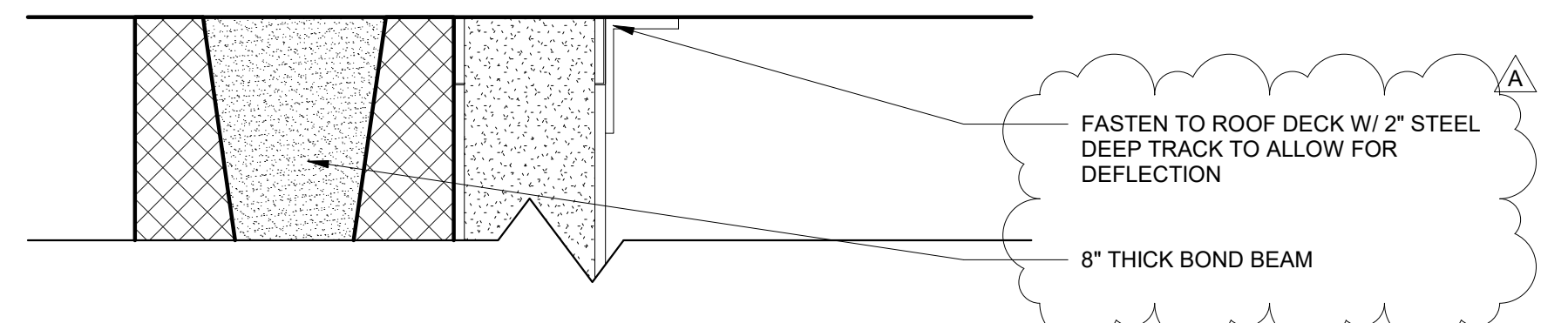
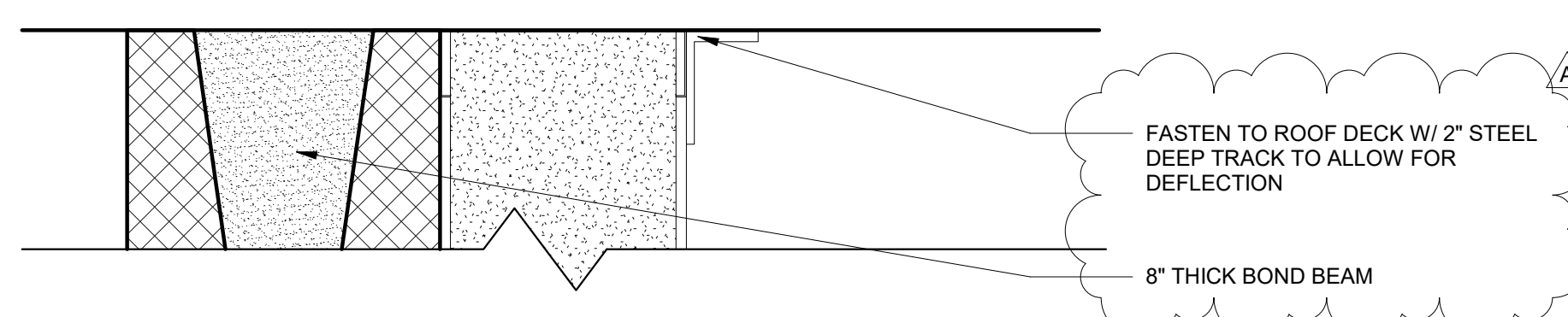
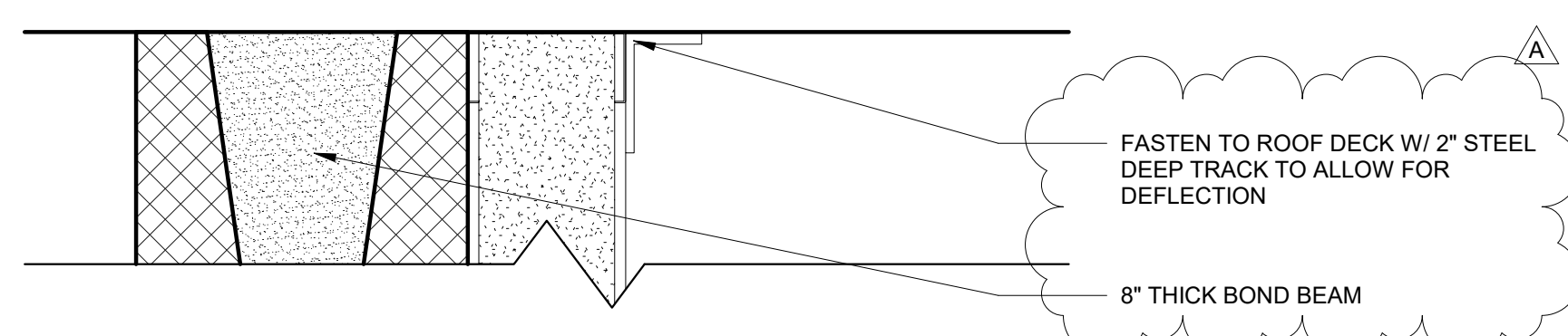
SHEET ID:
A-303
 SHEET: 19 OF 37



4 **DETAIL - ROOF EAVE**
 SCALE: 3" = 1'-0"



5 **DETAIL - VERTICAL SIDING**
 SCALE: 3" = 1'-0"

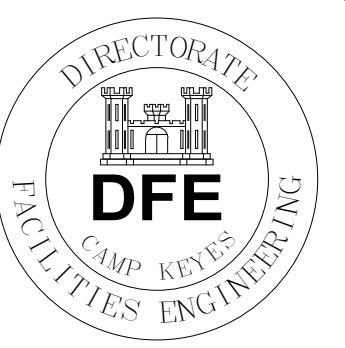


1 **M5 - EXTERIOR WALL - 3 3/8" FRAMING**
 SCALE: 3" = 1'-0"

2 **M6 - EXTERIOR WALL - 6" FRAMING**
 SCALE: 3" = 1'-0"

3 **M7 - EXTERIOR WALL - 3 3/8" FRAMING AT APPARATUS BAY**
 SCALE: 3" = 1'-0"





PLAN REVISIONS

NO.	DATE	DESCRIPTION

DESIGNED BY: Designer	DRAWN BY: Designer
CHECKED BY: Checker	DATE: 2022.07.18
SCALE: As indicated	PROJECT NO: 1021.024

STATE OF MAINE
DEPARTMENT OF DEFENSE, VETERANS
AND EMERGENCY MANAGEMENT
HALEY WARD, INC.
1 MERCHANTS PLAZA
BANGOR, MAINE
(207) 989-4524

FIRE TRUCK BUILDING PROJECT -
23TC21-503-DC
T2 R9 TWP, MAINE
WOODVILLE TRAINING SITE
SC-HEDULES

PLAN PROGRESS

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SHEET ID:
A-601
SHEET: 21 OF 37

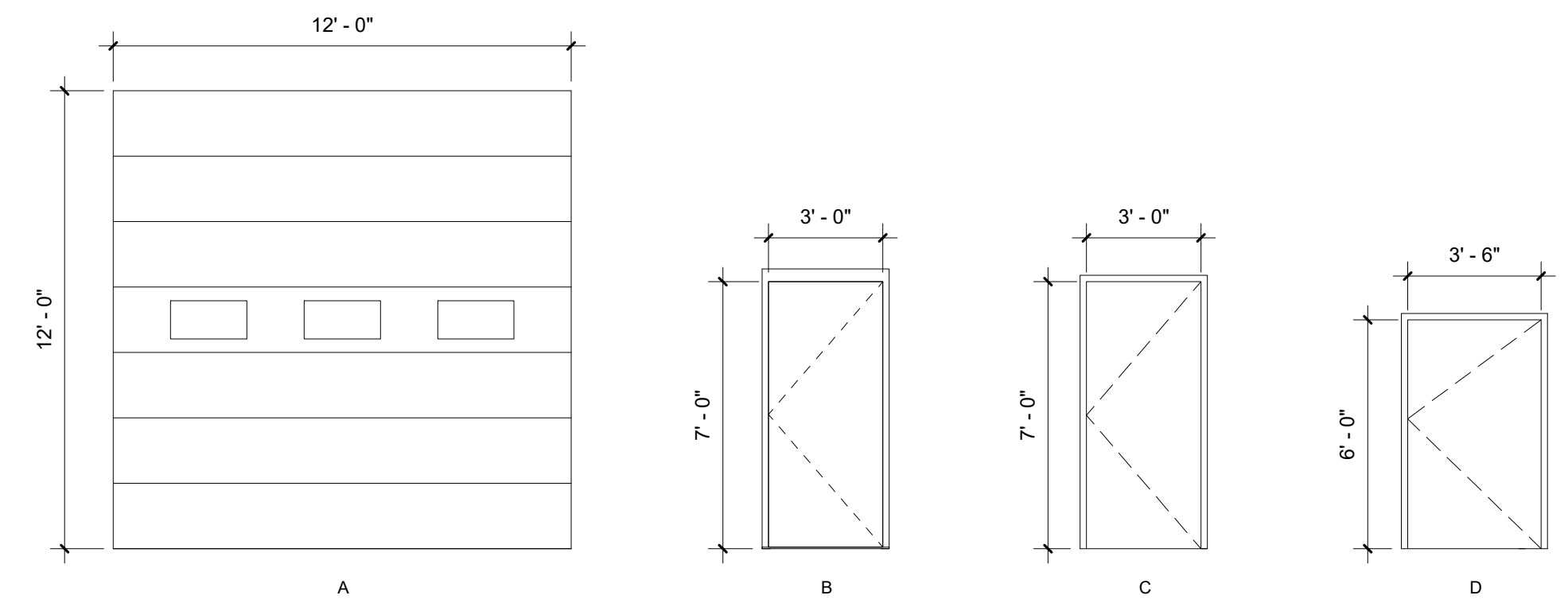


FINISH LEGEND									
DIVISION 02 - CONCRETE									
SECTION 02 35 00 - Concrete Finishing									
IMAGE	FINISH CODE	DESCRIPTION	MANUFACTURER	MODEL #	NAME	FINISH	SIZE	NOTE	
	CONC-1	Polished Concrete	Per Concrete Sub Contractor	N/A	N/A	Non Slip, Troweled	N/A	Apply hardener and sealer to concrete.	
DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES									
SECTION 06 44 00 - PVC Paneling									
IMAGE	FINISH CODE	DESCRIPTION	MANUFACTURER	MODEL #	NAME	FINISH	SIZE	NOTE	
	PVC-1	PVC Wall Panel	Truscore*	TC16XX	Tongue and Groove Interior Wallboard	White	Length: Options: 8', 10', 12', 14', 16', 20'; Width: 16" Exposed Faced, 17-1/4" Total Thickness 1/2".	Refer to manufacturer's installation instructions for complete install guide. Note that high moisture environments require silicon sealant at groove end of the panel prior to inserting the next panel.	
	TR-1	PVC J Trim	Truscore*	TC1210	J Trim	White	1/2"W x 10L	Refer to manufacturer's installation instructions for complete install guide. Note that high moisture environments require pre-drilled drainage holes in the bottom of the J Trim when used at bottom of the wall prior to installation.	
	TR-2	PVC Inside Cove Corner	Truscore*	TC12C10	Inside Cove Corner	White	1-1/2"W x 10L	Refer to manufacturer's installation instructions for complete install guide.	
DIVISION 05 - METALS									
SECTION 05 50 00 - Metal Fabrications									
IMAGE	FINISH CODE	DESCRIPTION	MANUFACTURER	MODEL #	NAME	FINISH	SIZE	NOTE	
	MT-1	Metal Wall Panel	Size Metal*	N/A	Diamond Plate Stainless Steel Sheet	304 Metal, #4	48"W x 96L	Refer to manufacturer's installation instructions for complete install guide.	
	TR-3	Metal J Cap	Size Metal*	N/A	Stainless Steel J Cap	Stainless Steel	96L	Refer to manufacturer's installation instructions for complete install guide. Note that high moisture environments require pre-drilled drainage holes in the bottom of the J Trim when used at bottom of the wall prior to installation.	
	TR-4	Metal Divider Bar	Size Metal*	N/A	Stainless Steel Divider Bar	Stainless Steel	96L	Refer to manufacturer's installation instructions for complete install guide.	
	TR-5	Metal Inside Corner Guard	Size Metal*	N/A	Stainless Steel Inside Corner Guard	Stainless Steel	96L	Refer to manufacturer's installation instructions for complete install guide.	
DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES									
SECTION 06 10 00 - Rough Carpentry									
IMAGE	FINISH CODE	DESCRIPTION	MANUFACTURER	MODEL #	NAME	FINISH	SIZE	NOTE	
	PLY-1	Treated Plywood Sheet	Per Framing Sub Contractor	N/A	N/A	N/A	3/4" Thick	Fire rated.	
DIVISION 09 - FINISHS									
SECTION 09 30 00 - Tiling									
IMAGE	FINISH CODE	DESCRIPTION	MANUFACTURER	MODEL #	NAME	FINISH	SIZE	NOTE	
	T-1	Porcelain Tile	Emser	FQ2SLHPR1224	Silhouette - Profile	Matte	12"W x 24L 3/8" Thick	Use with GR-01 Grout. Horizontal straight stack pattern. Use Schlüter metal trims as noted.	
	GR-1	Grout	Mapei	Kerapoxy CQ	107 Iron	N/A	N/A	Seal at grout, contractor to verify model needed.	
	TR-6	Tile Edge Protection	Schlüter	N/A	JOLLY	Satin Anodized Aluminum Finish (AE)	N/A	Seal at grout.	
	TR-7	Tile Cove Transition	Schlüter	N/A	Dilex-AHKA	Satin Anodized Aluminum Finish (AE)	N/A	Contractor to verify size needed.	
SECTION 09 90 00 - Painting & Coating									
IMAGE	FINISH CODE	DESCRIPTION	MANUFACTURER	MODEL #	NAME	FINISH	SIZE	NOTE	
	PT-1	Paint	Sherwin-Williams*	SW 7007	Ceiling Bright White	Satin	N/A	Mildew resistant and washable formula.	
	PT-2	Paint	Sherwin-Williams*	TBD	TBD	Semi-Gloss	N/A	Applied to metal. As selected by Architect with Manufacturer's full range.	
SECTION 12 31 00 - Cabinetry & Countertops									
IMAGE	FINISH CODE	DESCRIPTION	MANUFACTURER	MODEL #	NAME	FINISH	SIZE	NOTE	
	CBF-1	Base Cabinet w/ Integrated Countertop	AERO Manufacturing*	3TBCHD-30120-D	Enclosed Table with Hinged Doors	Stainless Steel	120"W x 30"D x 35"H, 4"H backsplash		
	CBF-2	Upper Cabinet	AERO Manufacturing*	WHC-60	Wall Cabinet with Hinged Door	Stainless Steel	60"W x 15"D x 32 1/2"H		
SECTION 10 21 13 - Toilet Toilet Compartments									
IMAGE	FINISH CODE	DESCRIPTION	MANUFACTURER	MODEL #	NAME	FINISH	SIZE	NOTE	
	TP-1	Toilet Partition	Melpac Corp.	FT-700	Poly SPR Floor Mounted Toilet Enclosures	TBD	55"H, 1" Thick, 24"W standard door, 36"W accessible door	Architect to confirm partition color with finish sample of Manufacturer's full range.	
EXTERIOR FINISHS									
IMAGE	FINISH CODE	DESCRIPTION	MANUFACTURER	MODEL #	NAME	FINISH	SIZE	NOTE	
	ASPH-1	Asphalt Shingles	CertainTeed Landmark*	TBD	TBD	TBD	TBD	Architect to confirm color with finish sample of Manufacturer's full range.	
	SDG-1	Vertical Siding	James Hardie*	TBD	Hardie Panel Vertical Siding	TBD	TBD	Architect to confirm color with finish sample of Manufacturer's full range.	
	CMU-1	Sill Faced Block	Nitterhouse Masonry Products LLC*	TBD	TBD	TBD	8"H	Architect to confirm color with finish sample of Manufacturer's full range.	
	MLB-1	Masonry Lintel Block	Nitterhouse Masonry Products LLC*	TBD	TBD	TBD	8"H	Architect to confirm color with finish sample of Manufacturer's full range.	
	ETR-1	6" Exterior Trim	James Hardie*	TBD	Hardie Trim Boards	TBD	6"H	Architect to confirm color with finish sample of Manufacturer's full range.	

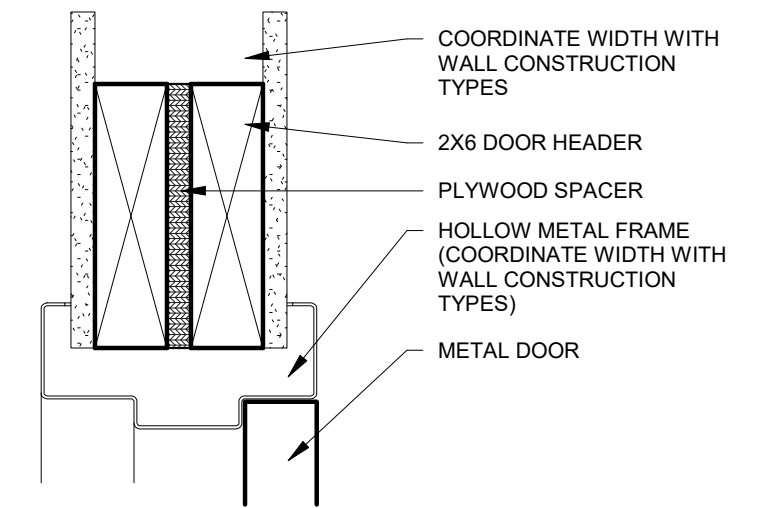
* Multiple manufacturers accepted. Subject to compliance with requirements, provide products by one of the manufacturers listed in the specification book.

FINISH SCHEDULE									
NUMBER	NAME	Area	FLOOR FIELD	BASE FINISH	WALL FINISH	CEILING FINISH	COMMENTS		
101	APPARATUS BAY	1134 SF	CONC-1	TR-1	PVC-1 & MT-1	PT-1, MR GWB	USE COORDINATING TR-1 & TR-2 TRIMS AT PVC-1, USE COORDINATING TR-3, TR-4, & TR-5 TRIMS AT MT-1.		
102	RESTROOM	244 SF	CONC-1	TR-1	PVC-1 & T-1	PT-1, MR GWB	PVC-1 AND COORDINATING TR-1 & TR-2 TRIMS AT ALL WALLS EXCEPT SHOWER STALLS. SHOWER WALLS TO BE T-1 WITH TR-4 & TR-7 TRIMS, ACCESSIBLE TBAS.		
103	STORAGE	204 SF	CONC-1	TR-1	PVC-1	PT-1, MR GWB	USE COORDINATING TR-1 & TR-2 TRIMS AT PVC-1.		
201	MEZZANINE	258 SF	MD-1	TR-1	PVC-1	PT-1, MR GWB	USE COORDINATING TR-1 & TR-2 TRIMS AT PVC-1.		

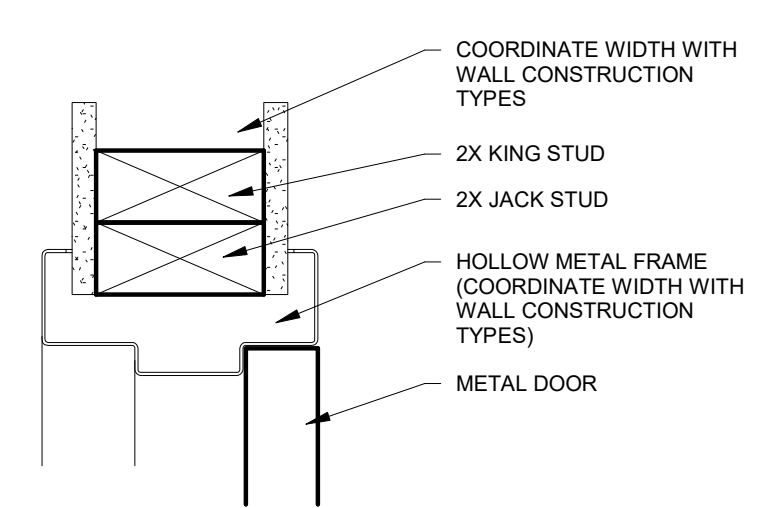
DOOR SCHEDULE												
DOOR NUMBER	LOCATION	WIDTH	HEIGHT	THICKNESS	TYPE	FRAME				HARDWARE SETS	COMMENTS	
						MATERIAL	FINISH	MATERIAL	FINISH			
F1	APPARATUS BAY	12'-0"	12'-0"	0'-1 1/2"	A	STEEL	PT-2	STEEL	PT-2	NO FIRE RATING	-	POWER ACTUATOR
F2	APPARATUS BAY	12'-0"	12'-0"	0'-1 1/2"	A	STEEL	PT-2	STEEL	PT-2	NO FIRE RATING	-	POWER ACTUATOR
F3	APPARATUS BAY	3'-0"	7'-0"	0'-1 3/4"	B	HM	PT-2	HM	PT-2	NO FIRE RATING	ITEM 1	CLOSER, LOCKSET, KICKPLATE, W/S, THRESHOLD, SILENCERS
F4	RESTROOM	3'-0"	7'-0"	0'-2"	C	HM	PT-2	HM	PT-2	NO FIRE RATING	ITEM 2	CLOSER, PRIVACY SET, KICKPLATE, GASKETING, STOP
F6	STORAGE	3'-0"	7'-0"	0'-2"	C	HM	PT-2	HM	PT-2	NO FIRE RATING	ITEM 3	CLOSER, LOCKSET, KICKPLATE, STOP, SILENCER
F7	APPARATUS BAY	3'-0"	7'-0"	0'-1 3/4"	B	HM	PT-2	HM	PT-2	NO FIRE RATING	ITEM 1	CLOSER, LOCKSET, KICKPLATE, W/S, THRESHOLD, SILENCERS
F8	APPARATUS BAY	12'-0"	12'-0"	0'-1 1/2"	A	STEEL	PT-2	STEEL	PT-2	NO FIRE RATING	-	POWER ACTUATOR
F9	APPARATUS BAY	12'-0"	12'-0"	0'-1 1/2"	A	STEEL	PT-2	STEEL	PT-2	NO FIRE RATING	-	POWER ACTUATOR
F10	MEZZANINE	3'-6"	6'-0"	0'-2"	D	HM	PT-2	HM	PT-2	NO FIRE RATING	ITEM 3	CLOSER, LOCKSET, KICKPLATE, STOP, SILENCER



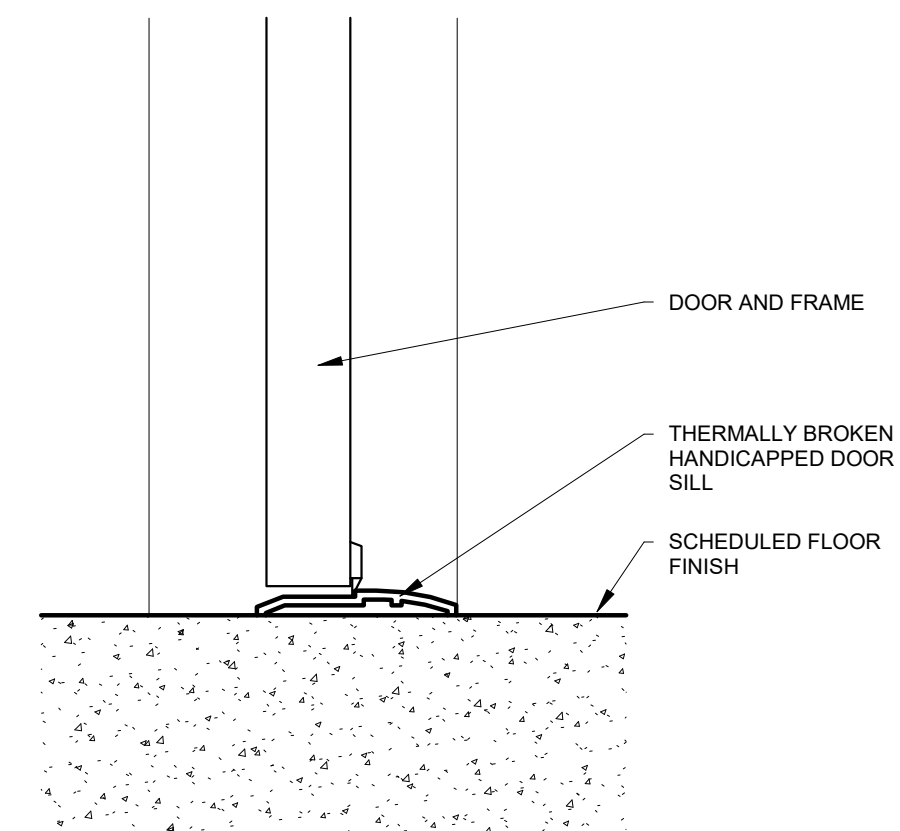
Door Legend
SCALE: 1/4" = 1'-0"



1 DOOR HEAD DETAIL (HM)
SCALE: 3" = 1'-0"



2 DOOR JAMB DETAIL (HM)
SCALE: 3" = 1'-0"



3 DOOR SILL DETAIL
SCALE: 3" = 1'-0"

GENERAL NOTES:

- THE STRUCTURAL DRAWINGS AND SPECIFICATIONS SHALL BE USED IN CONJUNCTION WITH THE DRAWINGS AND SPECIFICATIONS OF ALL OTHER DISCIPLINES AND THE SHOP DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE LOCATION AND INSTALLATION OF ALL SLEEVES, INSERTS, HANGERS OR OTHER ITEMS TO BE PLACED IN THE STRUCTURAL WORK.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO THE START OF WORK. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- THE STRUCTURE IS DESIGNED TO BE STABLE AND SELF SUPPORTING AT THE COMPLETION OF CONSTRUCTION. TEMPORARY BRACES, GUYS, TIE-DOWNS, SHORING, ETC. DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ERECTION PROCEDURES, SEQUENCING AND FOR COMPLYING WITH ALL APPLICABLE SAFETY REGULATIONS DURING THE WORK.
- UNDERGROUND UTILITIES HAVE BEEN LOCATED TO THE EXTENT KNOWN. THE CONTRACTOR SHALL PROCEED WITH CAUTION DURING EXCAVATION ACTIVITIES.
- SHOP DRAWINGS AND OTHER ITEMS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION. THE CONTRACTOR SHALL STAMP ALL DRAWINGS INDICATING THAT THE CONTRACTOR HAS REVIEWED THE DRAWINGS FOR CONTRACT COMPLIANCE PRIOR TO SUBMITTAL TO THE ENGINEER. SHOP DRAWINGS SUBMITTED WITHOUT THE CONTRACTOR'S STAMP MAY BE CAUSE FOR REJECTION. THE ENGINEER'S REVIEW IS FOR GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS AND DOES NOT IMPLY CORRECTNESS OF DIMENSIONS OR DETAILS. THE ENGINEER'S REVIEW DOES NOT RELIEVE THE CONTRACTOR FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND SPECIFICATIONS. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS.
- THE CONTRACTOR SHALL HAVE AND FOLLOW A COPY OF THE OWNERS PROJECT SPECIFICATIONS FOR MATERIAL, WORKMANSHIP AND CONSTRUCTION PROCEDURES NOT COVERED IN THESE NOTES.

FOUNDATION NOTES :

- ALL DELETERIOUS MATERIALS FOUND WITHIN THE LIMITS OF THE STRUCTURE, AS DETERMINED BY THE TESTING AGENCY, SHALL BE REMOVED AND REPLACED WITH COMPACTED SELECT FILL.
 - NO FOUNDATIONS SHALL BE PLACED ON FROZEN GROUND OR IN WATER.
 - FROST WALLS SHALL BE CURED FOR A MINIMUM OF 7 DAYS PRIOR TO BACKFILLING. THE BACKFILL MATERIAL SHALL BE BROUGHT UP TO GRADE EQUALLY ON BOTH SIDES OF FROST WALLS.
 - RETAINING WALLS AND FOUNDATION WALLS SHALL BE CURED TO MEET SPECIFIED STRENGTH PRIOR TO BACKFILLING.
 - SELECT FILL AND BACKFILL MATERIAL SHALL BE PLACED IN MAXIMUM 8" LIFTS. EACH LIFT SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY PER ASTM D-1557, MODIFIED PROCTOR TEST.
 - SELECT FILL AND BACKFILL MATERIAL SHALL BE SCREENED OR CRUSHED GRAVEL OF HARD DURABLE PARTICLES FREE FROM VEGETABLE MATTER, LUMPS, BALLS OF CLAY AND OTHER DELETERIOUS SUBSTANCES. SELECT FILL SHALL CONFORM TO THE FOLLOWING GRADATION REQUIREMENTS:
- | SELECT FILL - GRADATION REQUIREMENTS | |
|--------------------------------------|-------------------------|
| SIEMME SIZE | PERCENT FINER BY WEIGHT |
| 4 INCH | 100 |
| 3 INCH | 90 - 100 |
| 1/4 INCH | 25 - 90 |
| No. 40 | 0 - 30 |
| No. 200 | 0 - 5 |
- ON SITE MATERIALS GENERATED DURING EXCAVATION MAY BE USED AS BACKFILL MATERIAL PLACED ADJACENT TO FOUNDATION WALLS PROVIDED IT MEETS THE GRADATION REQUIREMENTS FOR SELECT FILL.
 - CONCRETE FOR FOUNDATIONS SHALL COMPLY WITH THE CONCRETE NOTES.

CONCRETE NOTES : A

- ALL CONCRETE MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE LATEST EDITIONS OF ACI 318 AND ACI 301.
- CONCRETE SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE:
 - A. MINIMUM COMPRESSIVE STRENGTH: 4000 PSI @ 28 DAYS
 - B. CEMENT: ASTM C150 TYPE II
 - C. AGGREGATE: ASTM C33 OR C330
 - D. MAXIMUM AGGREGATE SIZE: 1 INCH
 - E. MAXIMUM WATER-CEMENT RATIO: 0.45
 - F. SLUMP: 2 TO 4 INCHES
 - G. WATER REDUCING ADMIXTURE: ASTM C494
 1. ADMIXTURES SHALL BE USED IN ACCORDANCE WITH ACI AND THE MANUFACTURERS RECOMMENDATIONS.
 2. USE OF CALCIUM CHLORIDE, CHLORIDE IONS OR OTHER SALTS IS NOT PERMITTED.
- REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60, DEFORMED BARS. REINFORCING BARS TO BE WELDED SHALL BE ASTM A706, GRADE 60, DEFORMED BARS.
- PROVIDE ALL NECESSARY CHAIRS, CHAIR BARS, SPACERS, ETC. WIRED SECURELY TO HOLD REINFORCEMENT IN POSITION. THESE ACCESSORIES SHALL BE PLASTIC BOOTED WHERE CONCRETE IS TO BE EXPOSED TO WEATHER OR MOISTURE.

CONCRETE COVER TO REINFORCING STEEL SHALL CONFORM TO ACI 318 AS FOLLOWS:

- A. CONCRETE CAST AGAINST EARTH: 3"
- B. CONCRETE EXPOSED TO EARTH OR WEATHER: #3 THRU #5: 1 1/2"
#6 THRU #11: 2"
- C. CONCRETE NOT EXPOSED TO WEATHER OR PLACED IN CONTACT WITH GROUND: SLABS/WALLS: 3/4"
BEAMS/COLUMN: 1 1/2"

- REINFORCING BARS SHALL BE PLACED IN ACCORDANCE WITH THE LATEST EDITION OF THE CRSI "RECOMMENDED PRACTICE FOR PLACING REINFORCING BARS".
- ALL LAP SPLICES SHALL BE ACI CLASS B SPLICES. THE FOLLOWING TABLES ARE BASED ON NORMAL WEIGHT CONCRETE WITH BARS 4 BAR DIAMETERS OR MORE APART AND CONCRETE COVER EQUAL TO 2 BAR DIAMETERS OR MORE. TOP BARS ARE DEFINED AS HORIZONTAL BARS WITH MORE THAN 12 INCHES OF CONCRETE PLACED BELOW THE REINFORCEMENT.

4000 PSI CONCRETE	GRADE 60 REINFORCING STEEL fy = 60,000 PSI										
	BAR SIZE	#3	#4	#5	#6	#7	#8	#9	#10	#11	
LAP (IN) - TOP BARS	15	20	24	29	48	60	74	91	109		
LAP (IN) - OTHER BARS	12	15	19	22	37	47	57	70	84		

- NO WELDING OF REINFORCING STEEL WILL BE ALLOWED EXCEPT AS INDICATED ON THE DRAWINGS.
- PROVIDE TWO #5 BARS ON ALL SIDES OF ALL OPENINGS IN WALLS AND SLABS. BARS TO EXTEND 24" BEYOND EDGE OF OPENING.
- ALL INSIDE CONCRETE WEARING SURFACES SHALL RECEIVE A SMOOTH NON SLIP STEEL TROWEL FINISH, ARCHITECTURE TO CONSULT WITH SLAB FINISH.
- ALL CONCRETE SLABS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING FLATNESS/LEVELNESS REQUIREMENTS:

SLAB CATEGORY	FLATNESS, F1	LEVELNESS, F1	DEVIATION
BULLFLOATED	15	13	3/4" IN 10'
STRAIGHTEDGED	20	15	3/8" IN 10'
FLAT	30	20	3/8" IN 10'
VERY FLAT	50	30	3/8" IN 10'
SUPERFLAT	100	50	< 3/8" IN 10'
- FLOOR FLATNESS / LEVELNESS TESTS SHALL BE CONDUCTED ACCORDING TO ASTM E1155.
- PROVIDE A 3/4" CHAMFER TO ALL EXPOSED CONCRETE EDGES.
- WET CURE ALL CONCRETE SLABS FOR A MINIMUM OF 3 DAYS. IN LIEU OF WET PROVIDE CURING COMPOUND.
- NO TRUCK OR FORK TRUCK TRAFFIC SHALL BE ALLOWED ON NEW CONCRETE FLOORS FOR A MINIMUM OF 14 DAYS.
- CONTRACTOR SHALL COORDINATE LOCATIONS OF ALL FLOOR DRAINS, CONDUITS, PIPING, SLEEVES, INSERTS, GROUNDS, ETC WITH CONCRETE CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION TO THE STRUCTURAL ENGINEER OF RECORD FOR REVIEW:
 - A. SHOP DRAWINGS SHOWING ALL REINFORCEMENT AND EMBEDMENT LOCATIONS AND DETAILS.

MASONRY NOTES :

- ALL MASONRY WORK SHALL BE IN COMPLIANCE WITH ACI 530, "BUILDING CODE REQUIREMENTS FOR MASONRY CONSTRUCTION" AND ACI 530.1 "SPECIFICATIONS FOR MASONRY CONSTRUCTION."
- HOLLOW LOAD BEARING CONCRETE BLOCK SHALL CONFORM TO ASTM C90, TYPE 1, NORMAL WEIGHT. BLOCK UNITS SHALL BE TWO CELL, 50% SOLID WITH A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 1900 PSI.
- SPECIFIED MASONRY DESIGN COMPRESSIVE STRENGTH, fm = 1500 PSI.
- MORTAR SHALL CONFORM TO ASTM C270, TYPE S. MINIMUM COMPRESSIVE STRENGTH SHALL BE 1800 PSI AT 28 DAYS.
- GROUT SHALL CONFORM TO ASTM C476 WITH A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.
- REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, DEFORMED BARS.
- HORIZONTAL JOINT REINFORCEMENT SHALL BE LADDER TYPE, STANDARD CLASS, MILL GALVANIZED WITH 9 GAGE SIDE RODS AND 9 GAGE CROSS RODS. HORIZONTAL JOINT REINFORCEMENT SHALL BE PROVIDED AT EVERY OTHER HORIZONTAL JOINT UNLESS NOTED OTHERWISE. WHERE JOINT REINFORCEMENT IS SPLICED PROVIDE 12" MINIMUM LAP, INCLUDING CORNERS AND TEES. PREFABRICATED CORNERS AND TEES SHALL BE USED AT ALL WALL INTERSECTIONS.
- PROVIDE CONTROL JOINTS IN CONCRETE MASONRY WALLS AS INDICATED OR, IF NOT INDICATED, AT A MAXIMUM SPACING OF 25' ON CENTER.
- STRUCTURAL DRAWINGS SHOW STRUCTURAL WALLS ONLY. REFER TO ARCHITECTURAL DRAWINGS FOR PARTITION LAYOUT AND LOCATIONS OF OPENINGS.
- HOLLOW CONCRETE UNITS SHALL BE LAID IN RUNNING BOND UNLESS NOTED OTHERWISE. PROVIDE FULL MORTAR COVERAGE ON HORIZONTAL AND VERTICAL FACES. EXPOSED JOINTS SHALL BE TOOLED CONCAVE, UNEXPOSED JOINTS SHALL BE STRUCK FLUSH.
- CORNER BLOCKS AND END BLOCKS SHALL BE USED TO FINISH ALL 90 DEGREE CORNERS AND WALL OPENINGS.
- ALL BOND BEAM BLOCKS SHALL BE KNOCK-OUT TYPE BLOCKS. 4 1/2" MINIMUM GROUT MESH SHALL BE USED UNDER BOND BEAMS TO CONFINE GROUT FROM HOLLOW CORES.
- GROUTING:
 1. CELLS THAT ARE TO BE GROUTED SOLID SHALL BE ALIGNED TO MAINTAIN A CLEAR, UNOBSTRUCTED, CONTINUOUS VERTICAL CELL. PROVIDE CLEANOUTS IN THE BOTTOM COURSE OF MASONRY FOR EACH GROUT POUR, AT EACH VERTICAL BAR.
 2. GROUT SOLID ALL CELLS CONTAINING REINFORCING BARS OR OTHER ATTACHMENTS.
 3. GROUT SOLID (3) CELLS MINIMUM BELOW LINTELS AND STEEL BEAMS BEARING ON MASONRY.
 4. LOW LIFT GROUTS SHALL NOT EXCEED 5 FEET. GROUT POUR HEIGHT SHALL NOT EXCEED 10 FEET. PROVIDE CLEANOUTS IN THE BOTTOM COURSE OF MASONRY FOR EACH GROUT POUR, WHEN GROUT POUR EXCEEDS 5 FEET.
 5. HIGH LIFT GROUTS SHALL NOT EXCEED 12'-8" AND THE FOLLOWING CONDITIONS MUST BE MET:
 - A. THE MASONRY MUST CURE FOR AT LEAST FOUR HOURS.
 - B. THE GROUT SLUMP MUST BE MAINTAINED BETWEEN 10 AND 11 INCHES.
 - C. THE WALL CANNOT CONTAIN INTERMEDIATE BOND BEAMS BETWEEN THE TOP AND BOTTOM OF THE POUR HEIGHT.
 6. GROUTING SHALL BE STOPPED 1 1/2" BELOW THE TOP OF A COURSE TO FORM A KEY AT THE JOINT.
 7. GROUTING OF MASONRY BEAMS OR LINTELS SHALL BE DONE IN ONE CONTINUOUS OPERATION.
- MASONRY LINTELS:
 1. PROVIDE A MINIMUM OF 8" BEARING AT EACH END OF EACH LINTEL. KNOCK-OUT SHALL BE PROVIDED. USE LINTEL-TYPE BLOCKS ONLY AT OPENINGS.
 2. EXTEND BOTTOM BARS 24" BEYOND THE OPENING FOR #4 & #5 BARS AND 30" BEYOND THE OPENING FOR #6.
- REINFORCING:
 1. VERTICAL REINFORCING SHALL BE PLACED AT EACH JAMB OF EACH WALL OPENING, AT EACH WALL END, AT EACH SIDE OF WALL CONTROL JOINT, AT EACH WALL INTERSECTION.
 2. SPLICED REINFORCING SHALL BE LAPPED 48 BAR DIAMETERS OR AS SHOWN ON DRAWINGS, WHICHEVER IS GREATER.
 3. VERTICAL REINFORCING BARS SHALL HAVE A MINIMUM CLEARANCE OF 3/4" FROM MASONRY AND SHALL BE HELD IN POSITION TOP AND BOTTOM AND AT INTERVALS NOT EXCEEDING FOUR (4) FEET.
 4. FOUNDATION DOWELS MAY BE SLOPED NO MORE THAN 1h:6v TO ALIGN WITH WALL CAVITIES OR VERTICAL CMU CORES. PROVIDE DOWELS TO MATCH WALL REINFORCEMENT SIZE AND SPACING, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
 5. LOCATE ALL VERTICAL REINFORCEMENT CENTERED IN THE WALL UNLESS OTHERWISE DETAILED.
 6. WHERE BOND BEAMS ARE DISCONTINUOUS, EXTEND REINFORCEMENT 48 BAR DIAMETERS BEYOND THE SPECIFIED TERMINATION.
 7. WHERE BOND BEAMS ARE REQUIRED TO STEP BY 4"-12" VERTICALLY, REMOVE MASONRY AS REQUIRED TO MAINTAIN CONTINUITY OF REINFORCEMENT @ A SLOPE = 6 UNITS HORIZONTAL TO 1 UNIT VERTICAL.
- FIELD PENETRATIONS THROUGH BLOCK WALLS SHALL NOT BE MADE THROUGH BOND BEAMS, LINTELS OR GROUTED CELLS.
- DRAWINGS INDICATE DOWELS FOR SECURING REINFORCEMENT IN STRUCTURAL WALLS TO BE CAST IN CONCRETE. POST-INSTALLED DOWELS ARE ACCEPTABLE AS A SUBSTITUTION WHEN APPROVED BY THE STRUCTURAL ENGINEER OF RECORD, SUBJECT TO THE FOLLOWING REQUIREMENTS:
 1. REQUIRED HOLE SIZE FOR "UNIFORM VERTICAL REINFORCEMENT" SHALL BE AS FOLLOWS:
 - A. #4 5/8" DIA. x 4 1/4"
 - B. #5 3/4" DIA. x 5 1/4"
 2. REQUIRED HOLE SIZE FOR "JAMB REINFORCEMENT" SHALL BE AS FOLLOWS:
 - A. #4 5/8" DIA. x 6 1/4"
 - B. #5 3/4" DIA. x 8 1/4"
 3. SET BARS IN EPOXY INJECTION ADHESIVE HILTI HIT HY150 OR AN APPROVED EQUAL. COMPLY WITH MANUFACTURER'S SPECIFICATIONS FOR PREPARATION & PLACEMENT REQUIREMENTS.
- PROVIDE SHOP DRAWINGS W/ ELEVATIONS OF ALL REINFORCED MASONRY WALLS. INCLUDE DETAILS, BENT BAR DIAGRAMS AND LAYOUT DIMENSIONS AS REQUIRED FOR PROPER INSTALLATION OF MASONRY REINFORCEMENT.



NO.	REVISION	DATE

DESIGNED BY: CDL	CHECKED BY: ZAT
DRAWN BY: ZAT	DATE: 07-18-2022
CHECKED BY: CMS	SCALE: 1/2" = 1'-0"
TITLE PROJECT NO.:	10321023

STATE OF MAINE
DEPARTMENT OF DEFENSE, VETERANS AND EMERGENCY MANAGEMENT

HALEY WARD, INC.
1 MERCHANTS PLAZA
BANGOR, MAINE
(207) 989-4824

FIRE TRUCK BUILDING
T2 R9 TWP., MAINE
WOODVILLE TRAINING SITE

STRUCTURAL NOTES

PLAN PROGRESS

DRAFT

35% REVIEW

65% REVIEW

95% REVIEW

FINAL REVIEW

FOR BIDDING

ISSUED FOR CONSTRUCTION

RECORD DRAWINGS

SHEET ID:
S-101

SHEET: OF 37





PLAN REVISIONS		Date	By

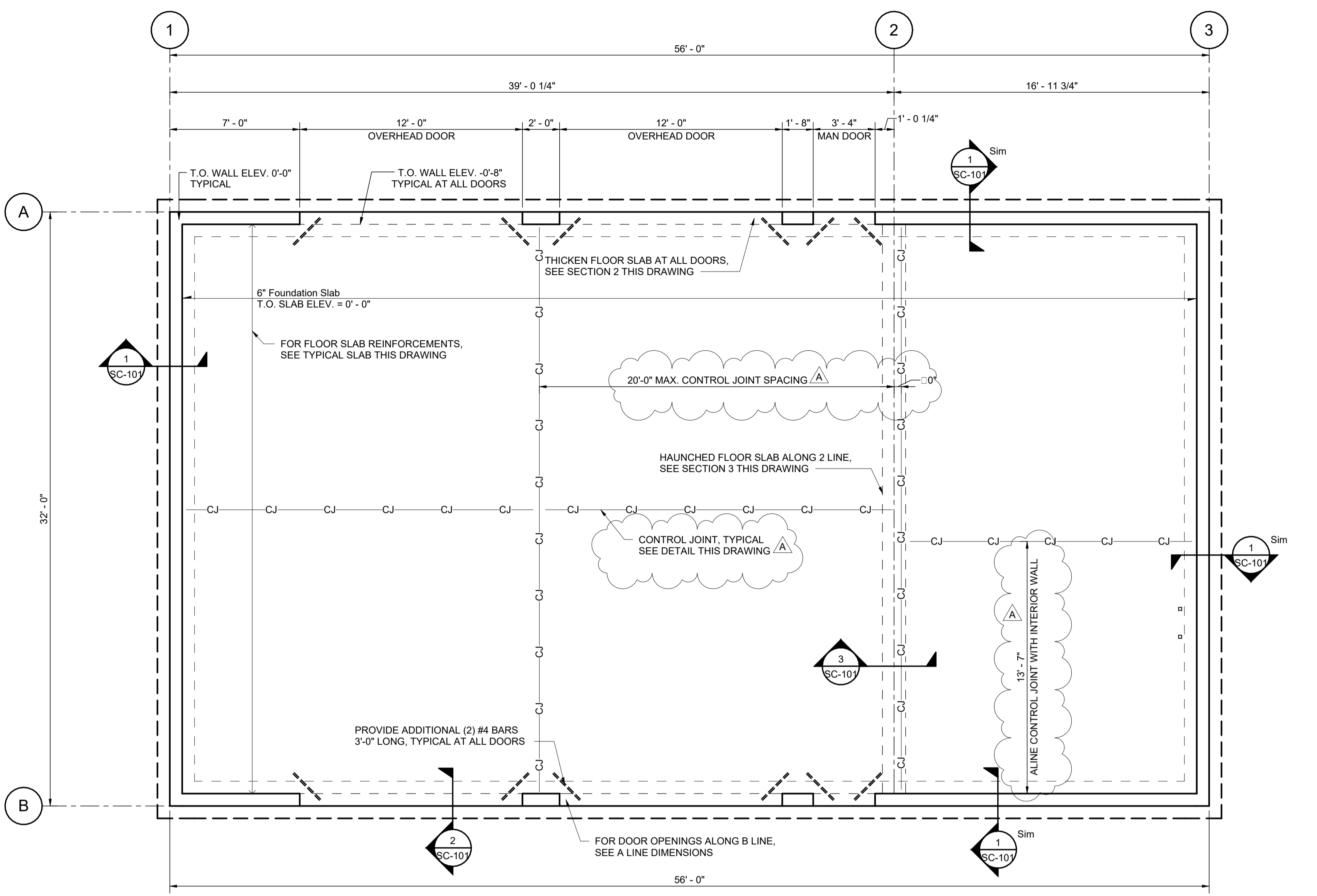
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DRAWN BY:	ZAT
CHECKED BY:	CWS
DATE:	07-18-2022
SCALE:	As Indicated
DTE PROJECT NO.:	10021023

STATE OF MAINE
DEPARTMENT OF DEFENSE, VETERANS
AND EMERGENCY MANAGEMENT
HALEY WARD, INC.
1 MERCHANTS PLAZA
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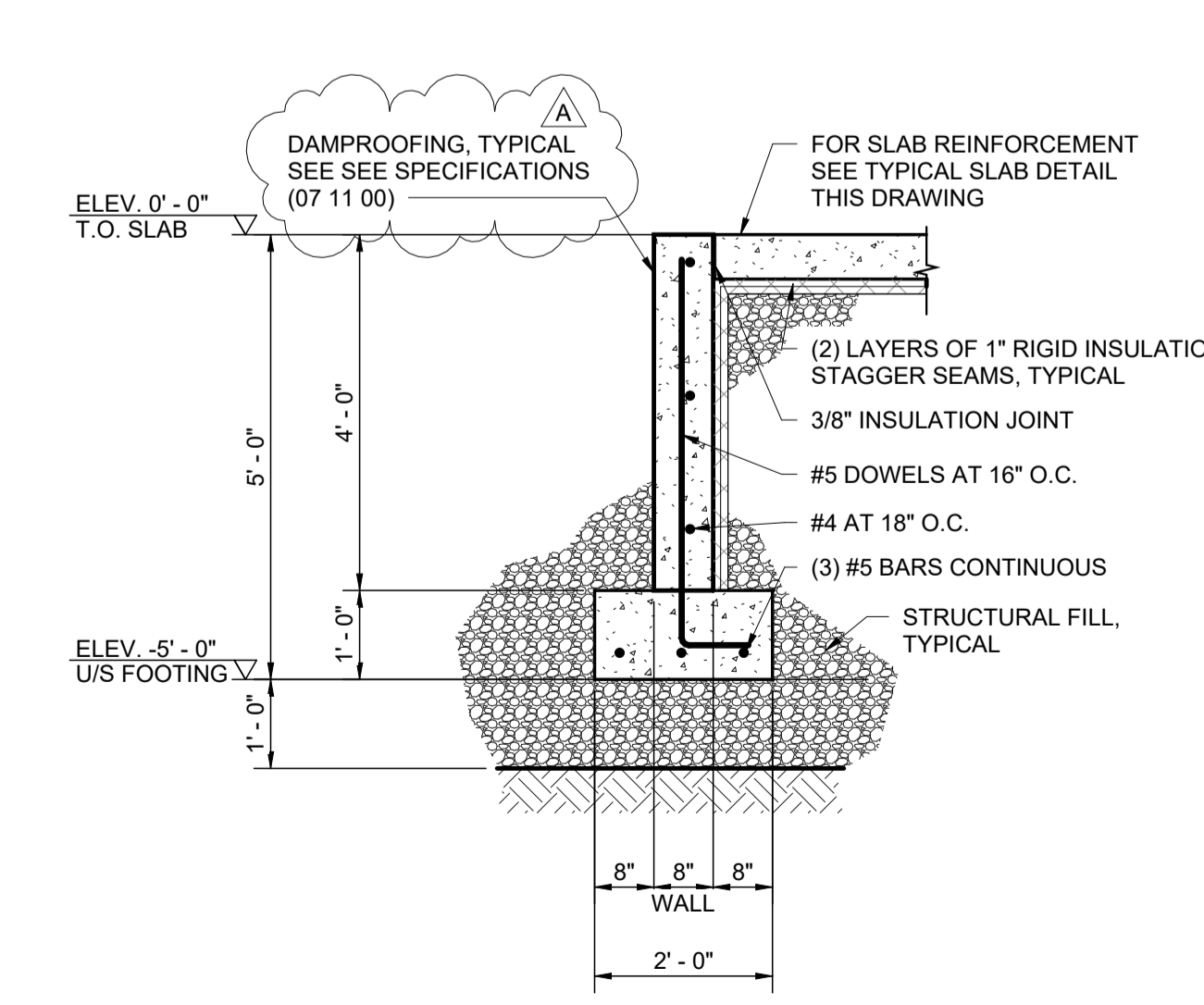
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T2 R9 TWP., MAINE
WOODVILLE TRAINING SITE
FOUNDATION PLAN AND DETAIL

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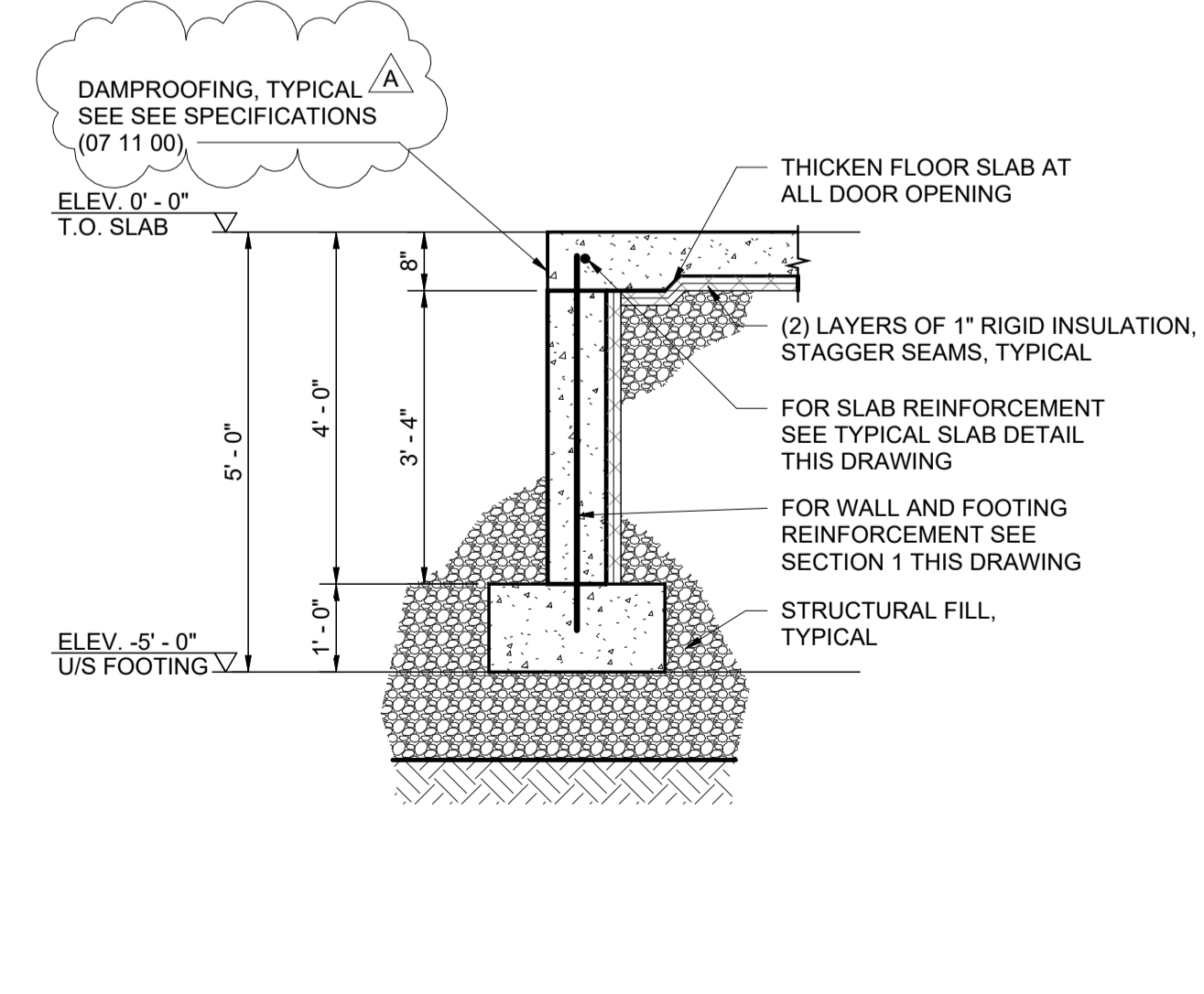
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SC-101
SHEET: OF 37



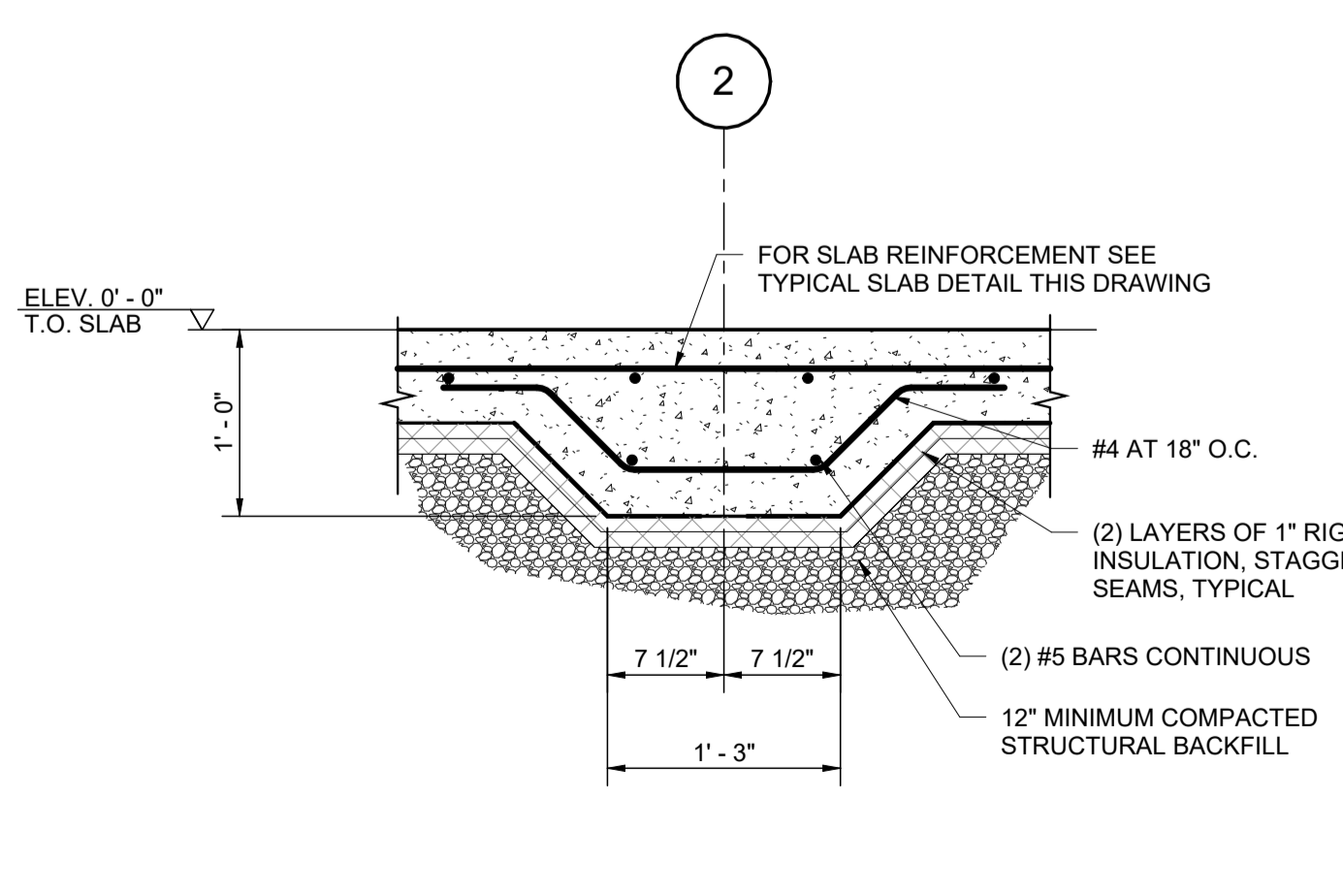
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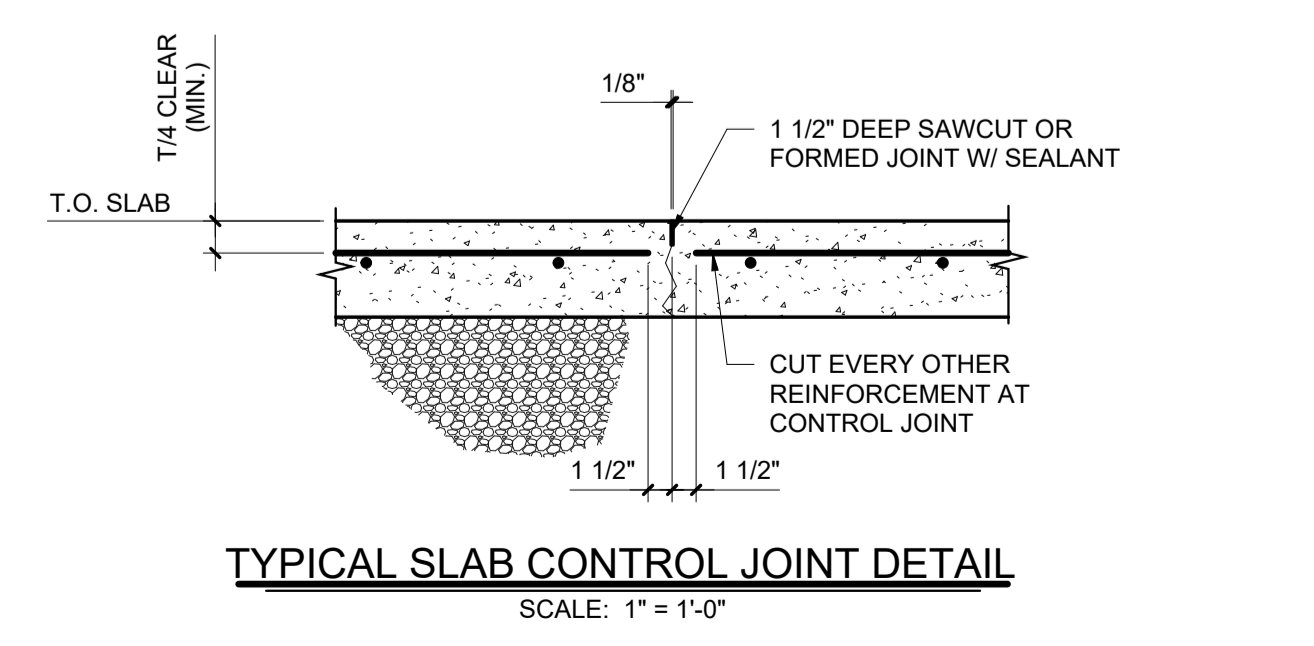
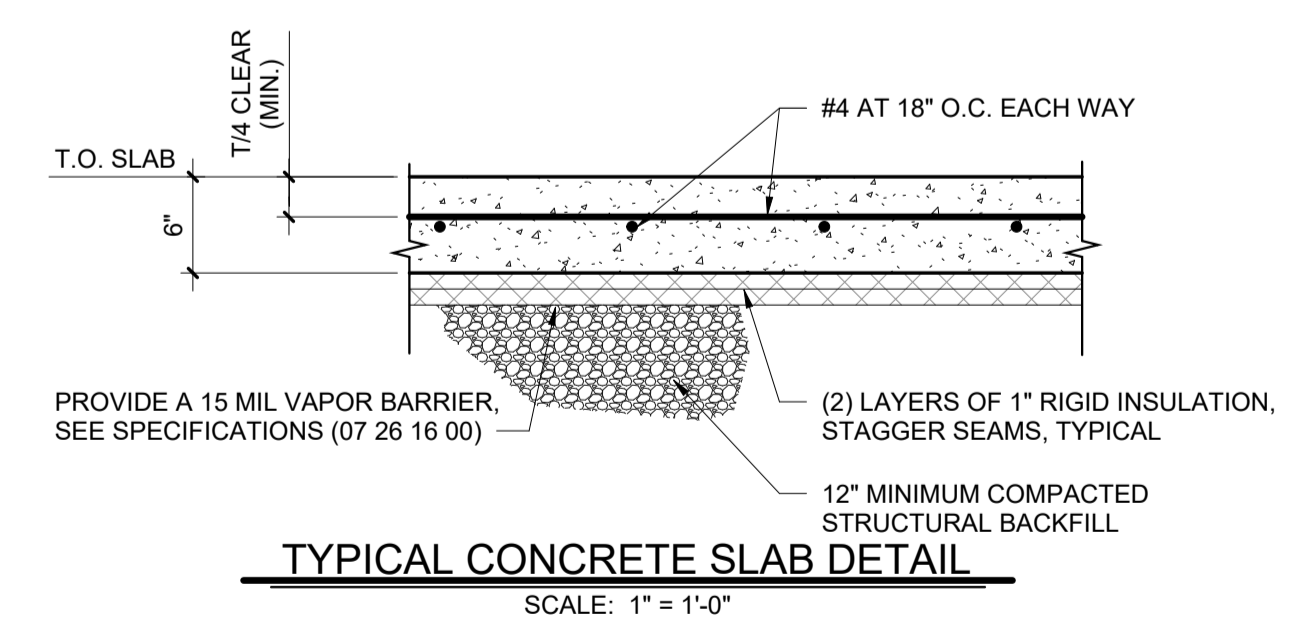
1 TYPICAL FOUNDATION SECTION
SCALE: 1/2" = 1'-0"



2 TYPICAL FOUNDATION SECTION AT DOORS
SCALE: 1/2" = 1'-0"



3 HAUNCHED SLAB AT 2 LINE
SCALE: 1" = 1'-0"



PLAN REVISIONS	
No.	Description

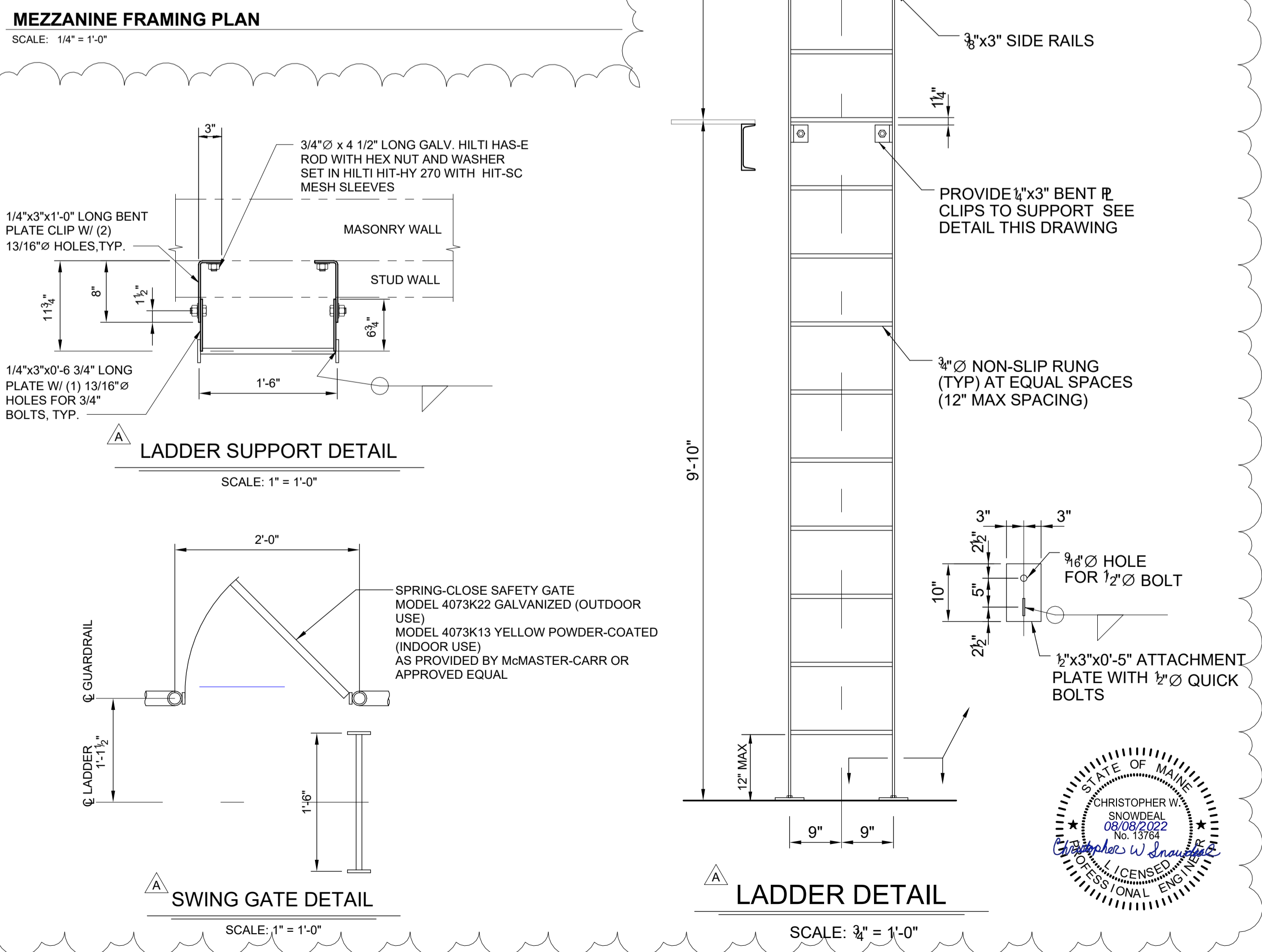
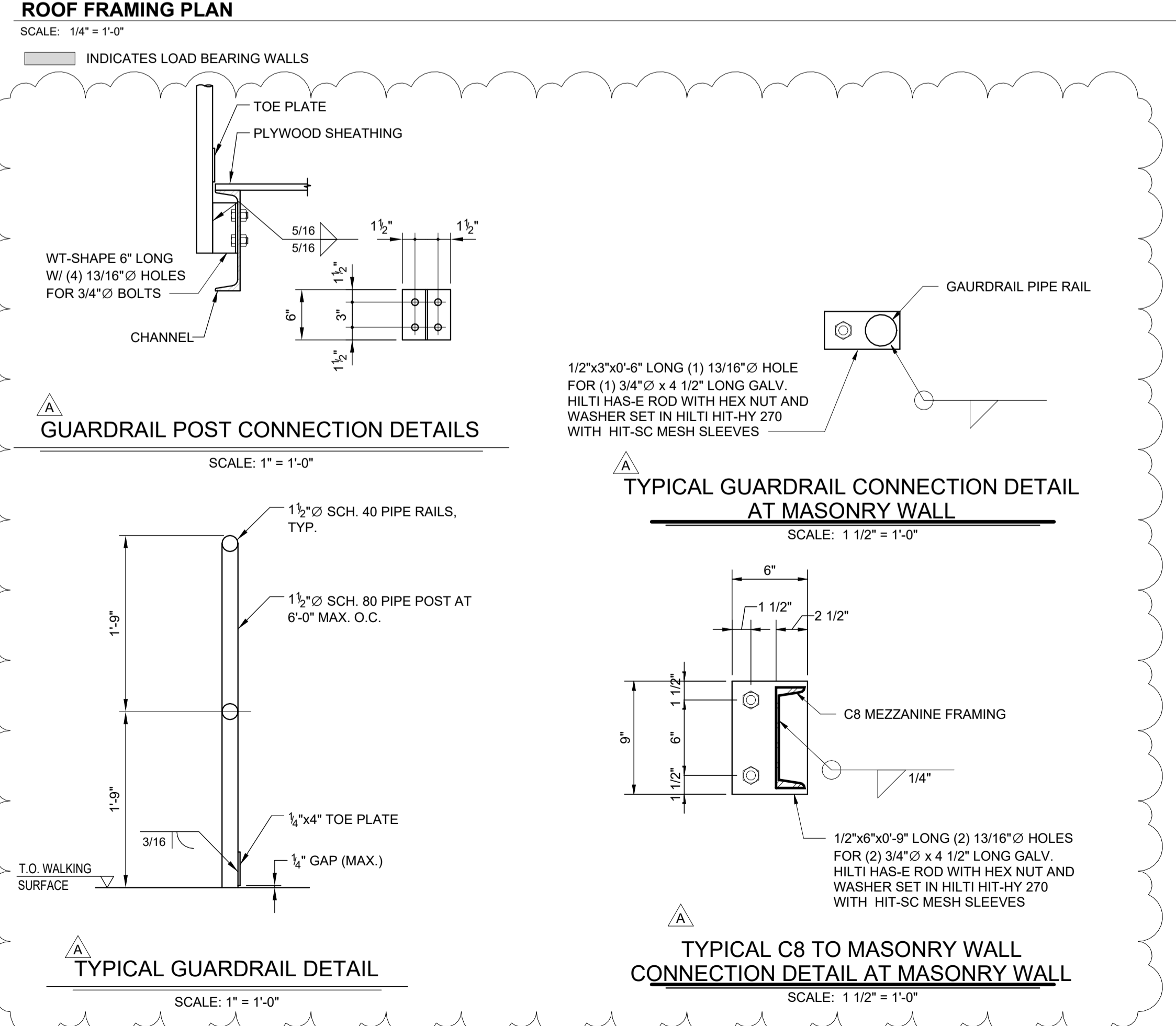
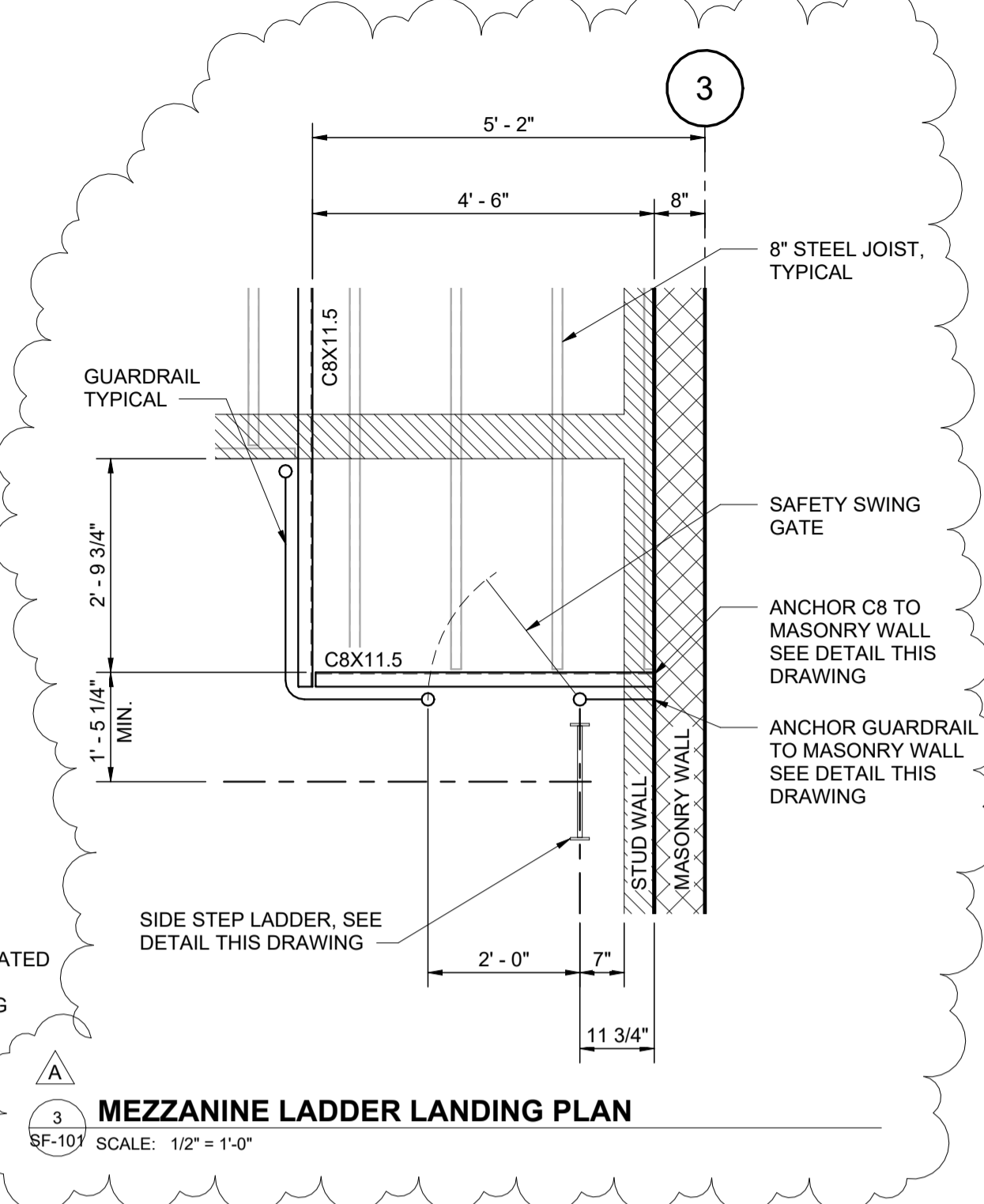
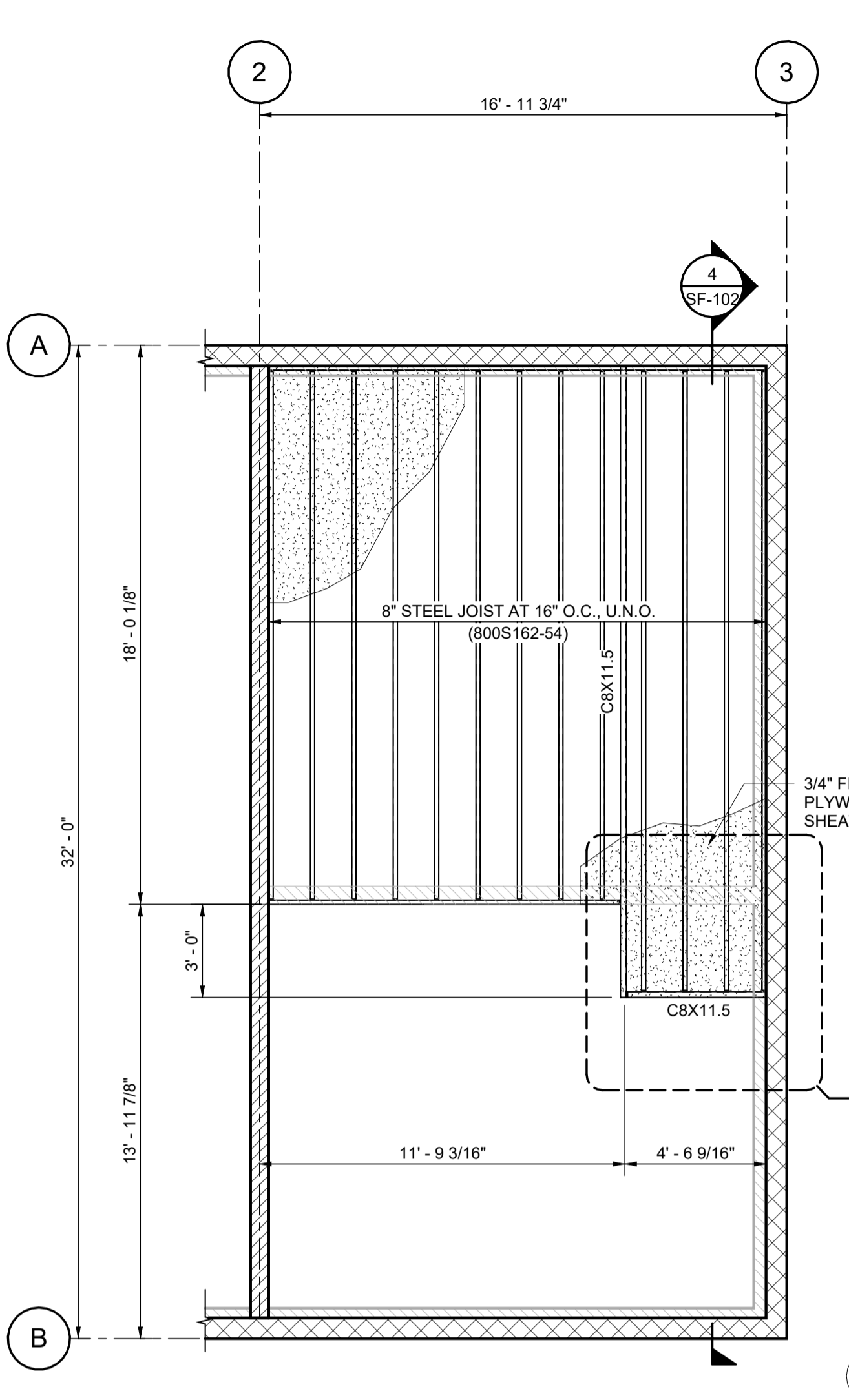
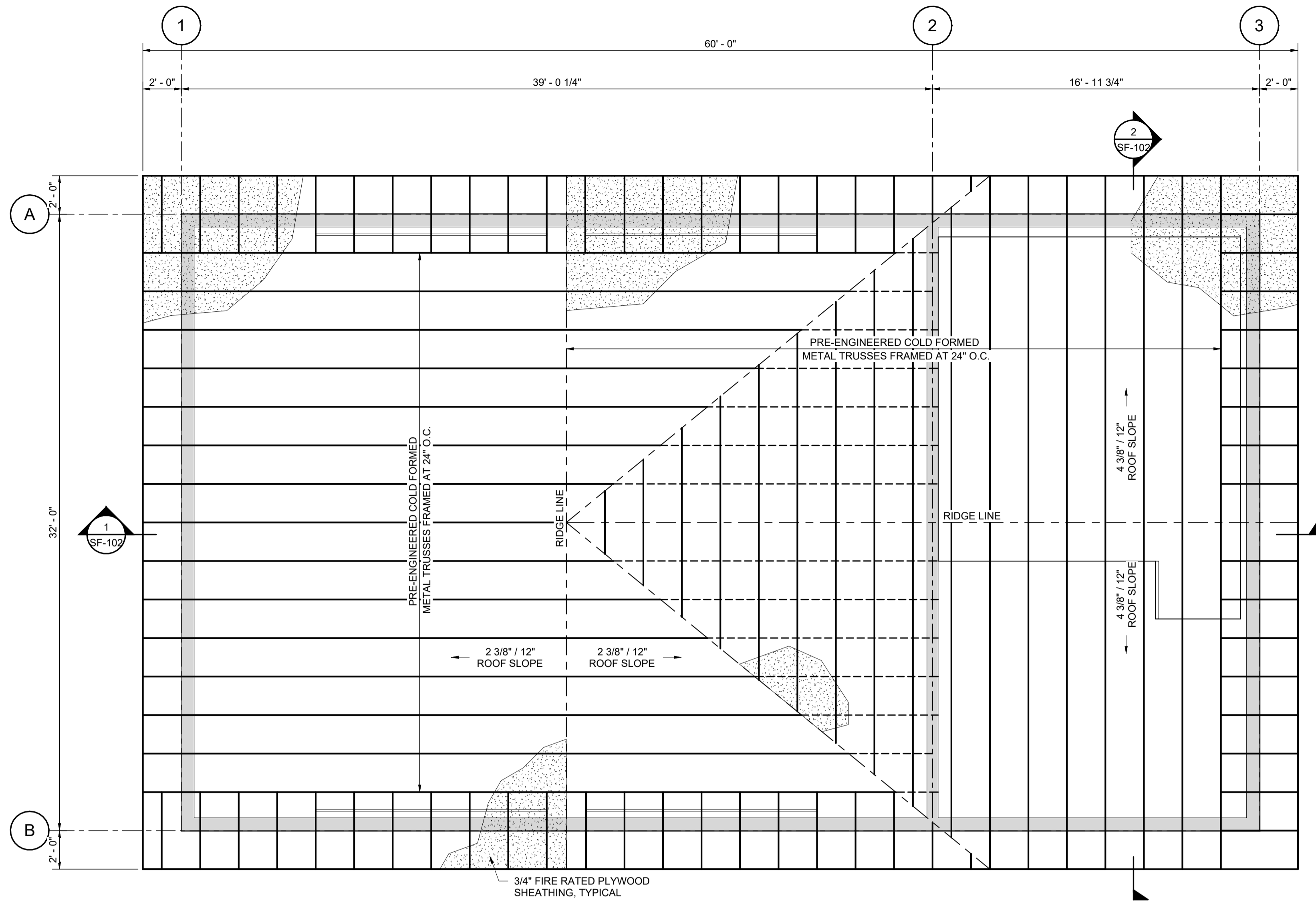
DESIGNED BY:	J.R.R.
DRAWN BY:	ZAT
CHECKED BY:	CMS
DATE:	07-18-2022
SCALE:	As Indicated
PROJECT NO.:	10021023

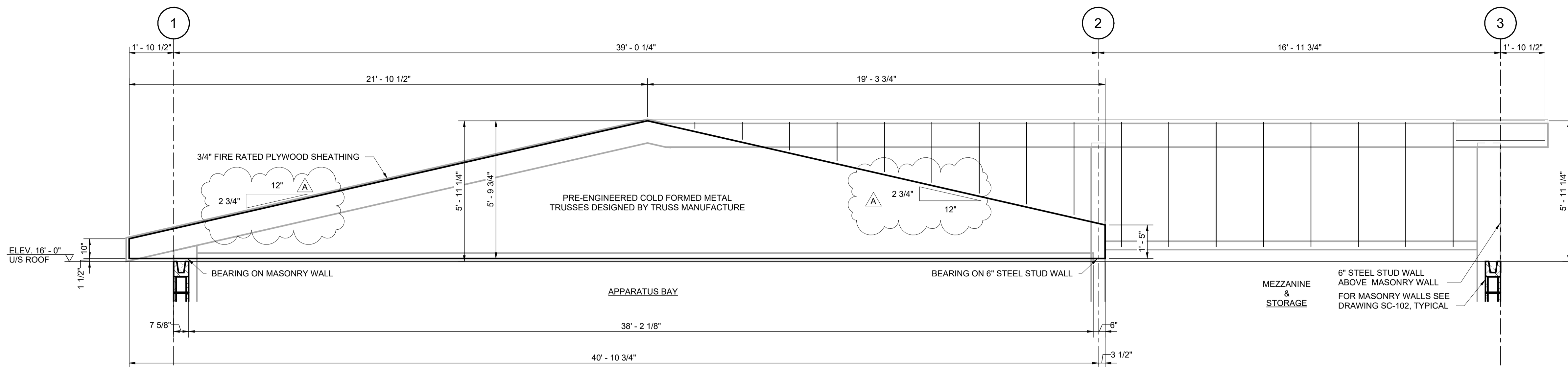
STATE OF MAINE
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 AND EMERGENCY MANAGEMENT
 HALEY WARD, INC.
 1 MERCHANTS PLAZA
 BANGOR, MAINE
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FIRE TRUCK BUILDING
 T2 R9 TWP., MAINE
 WOODVILLE TRAINING SITE
 ROOF AND MEZZ. FRAMING PLANS

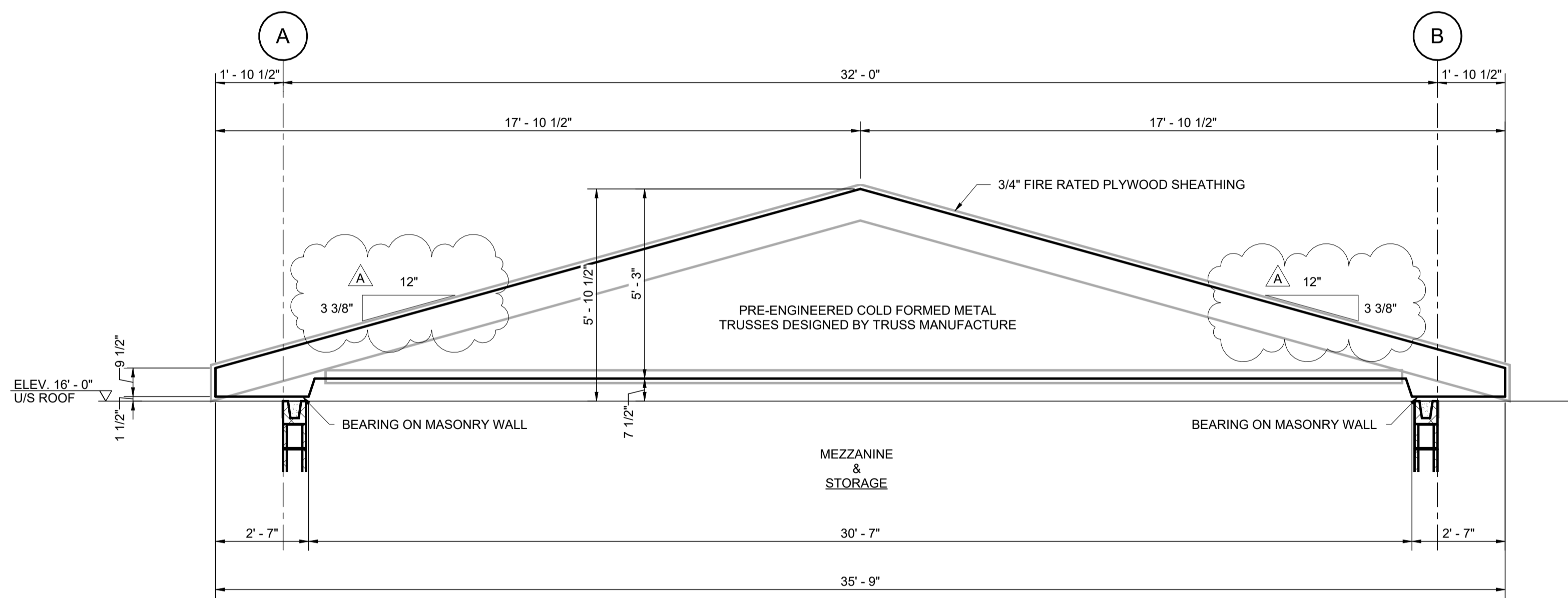
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SHEET ID:
SF-101
 SHEET: OF 37





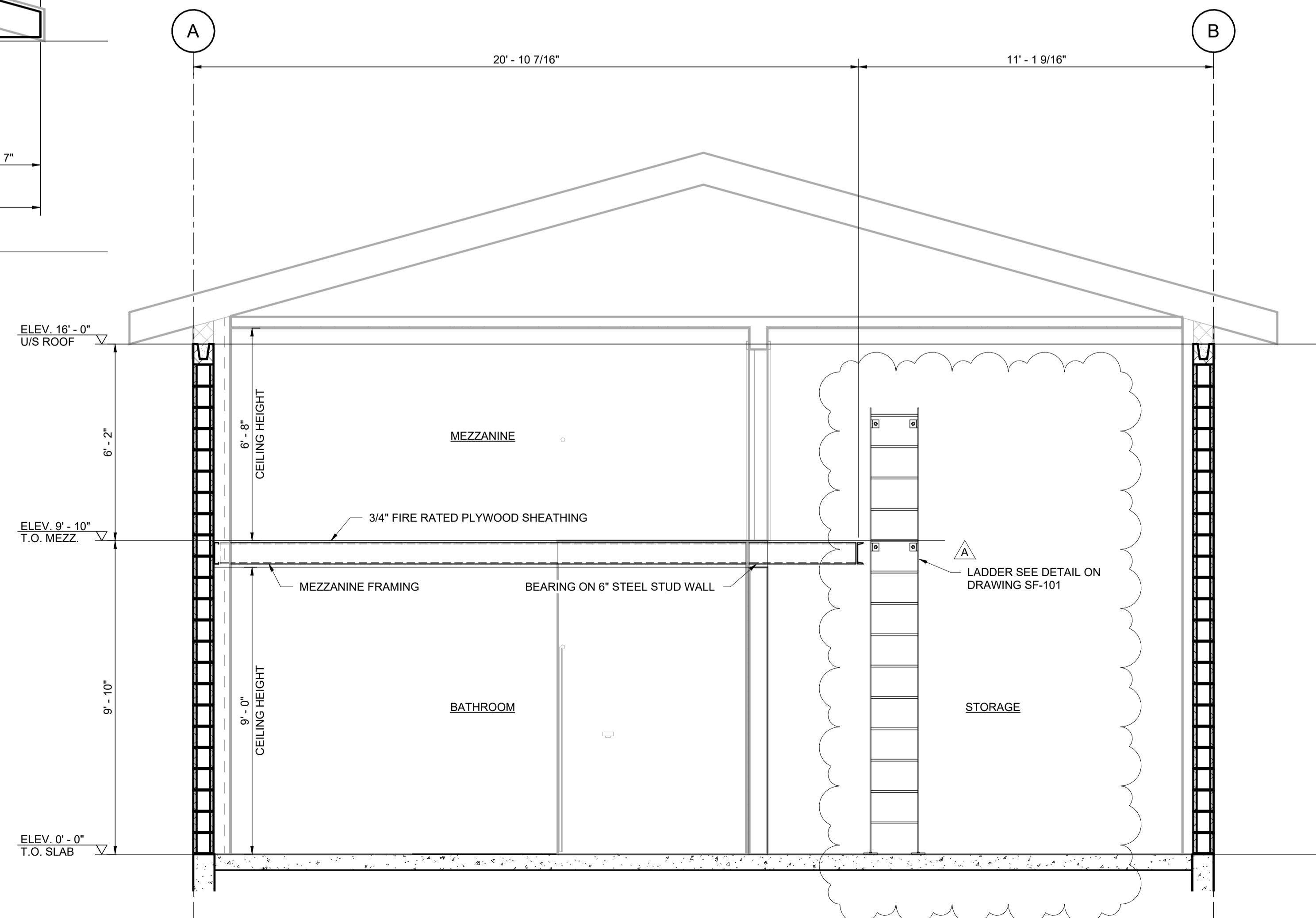
1 ROOF FRAMING SECTION 1
SF-102 SCALE: 3/8" = 1'-0"



2 ROOF FRAMING SECTION 2
SF-102 SCALE: 3/8" = 1'-0"

ROOF TRUSS DESIGN CRITERIA:

- THE DESIGN CODES AND CRITERIA ARE AS FOLLOWS:
 - BUILDING CODE: IBC 2015 AND ASCE 7-10
 - GROUND SNOW LOAD: 90 PSF
 - TOP CHORD DEAD LOAD: 20 PSF
 - BOTTOM CHORD DEAD LOAD: 10 PSF
 - BUILDING CATEGORY: II
 - EXPOSURE: C, PARTIALLY HEATED
 - THERMAL: VARIES
 - ROOF PITCH: VARIES
 - BASIC WIND SPEED: 115 MPH RISK CATEGORY II



4 FRAMING SECTION AT MEZZANINE
SF-102 SCALE: 3/8" = 1'-0"

PLAN REVISIONS	
No.	Description

DESIGNED BY: JRR	DATE: 07-18-2022
DRAWN BY: ZAT	CHECKED BY: CMS
SCALE: As Indicated	PROJECT NO.: 1031023
DATE: 07-18-2022	

STATE OF MAINE
DEPARTMENT OF DEFENSE, VETERANS
AND EMERGENCY MANAGEMENT
HALEY WARD, INC.
1 MERCHANTS PLAZA
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FIRE TRUCK BUILDING
T2 R9 TWP, MAINE
WOODVILLE TRAINING SITE
FRAMING SECTIONS & TRUSS
CRITERIA

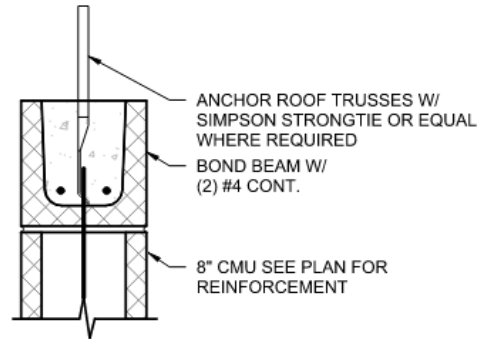
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<input type="checkbox"/>	ISSUED FOR CONSTRUCTION
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SHEET ID:
SF-102
SHEET: OF 37

Woodville Training Site Fire Truck Building Project Questions

- There appears to be some discrepancies in the drawings regarding the roof pitches. Can you please specify what the roof pitches are to be?
 - Arch and Structural match pitches, but there was a tolerance discrepancy. Structural now shows Arch tolerances.
- The drawings call for 4,000psi concrete but the rebar lap table states 4,500psi. Please confirm this is the correct required lap.
 - 4,000 PSI IS CORRECT, SEE DRAWING S-101 CONCRETE NOTE REVISED
- Drawings specify #4 reinforced slab with fiber mesh. Fiber mesh can provide difficulty when finishing. Would only #4 rebar be acceptable? The finish also calls for a polished concrete which my polishing subcontractors have indicated some concerns with fibers catching in the polishing process.
 - FIBER MESH REMOVED No. 4 REBAR IS ACCEPTABLE, SEE DRAWING S-101 CONCRETE NOTE REVISED
- Specs provide options for curing membranes but drawing S-101 states “wet cure all concrete slabs for a minimum of 3 days”. Will curing compounds be acceptable in lieu of wet curing?
 - IN LIEU OF WET CURING, CURING COMPOUND IS ACCECPTABLE , SEE DRAWING S-101 CONCRETE NOTE REVISED
- Please provide model numbers for the Aero manufacturing cabinetry. No dimensions are provided on the drawings to size the cabinets correctly and there are multiple options. Drawing A-601 states model # TBD.
 - 10’L cabinetry
 - Wall Cabinet WHC-60 (Hinged Door, 60”Wx15”Dx32.5”H)
 - https://assets.website-files.com/618c334a30585d20634c64cc/62389fd3a0176e141f98509a_MW%20%3A%20WC%20Series%20Specs.pdf
 - Base Cabinet 3TSBOHD-30120-D (Hinged Door, 120”Wx30”Dx35”H)
 - https://assets.website-files.com/618c334a30585d20634c64cc/61af85255d560e8150916596_TSBOD%20%3A%20TSBOHD%20%3A%20TWMS%20%3A%20TWMB%20%3A%20TWMV%20Series.pdf
- Is there a spec on the polished concrete? Typically the finishing process is detailed to help provide information on the required look.
 - ARCH. TO CONSULT WITH CONCRETE SLAB FINISH, SEE DRAWING S-101 CONCRETE NOTE REVISED.
- Drawing A-301 appears to show a concrete deck for the mezzanine but there does not appear to be a detail in the drawings. I assume this is only a fire rated plywood decking with no concrete but please confirm.
 - Correct, fire rated plywood decking no concrete, ¾” fire rated sheathing, 8” structural metal framing. Arch to update hatch and add note to drawings to clarify.
- Detail M3 partition shows going to underside roof deck but the mezzanine floor bears on this. Are we to frame a new wall on top of the mezzanine? Same questions pertains to opposite wall M6.

- M3 has PVC on one side but tile on the other due to being in showers. M3 should technically stop at mezzanine floor and M4 stacks on top and goes to roof deck (same wall type less tile). M6 can change to M5 on mezzanine level, M6 only needed for plumbing on first level. Can add more wall tags on mezzanine level to clarify.
- Detail- Roof Eave shows the wall going to top of CMU Block Wall (bottom of truss). Wall details state to fasten to roof deck which would be top of truss. We assume that stud walls are to be installed to bottom of truss. This is how it appears in the cross section detail as well. Please confirm.
 - Anchor roof trusses and stud wall, refer to Structural.



MASONRY BOND BEAM DETAIL

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

- Exterior wall details show “attached runner to floor at 16” oc and within 1” of ends. Can you please provide more detail on what exactly you are looking for here? Is this steel track?
 - It is a steel track
- Top of exterior wall details state” fasten to roof deck w/ metal slide clips to allow for deflection”. Would steel deep track be acceptable here? If so please specify size (2”, 3”, etc?)
 - It is a steel track, can use 2”
- There does not appear to be any details for the gables for framing/sheathing/siding/etc. Can you please provide information regarding the construction of the gables above the cmu wall? I know the finish is specified but I don’t see any additional information here for framing on top of CMU wall, etc.
 - Arch to add drawing
- No detail is provided for baffles to prevent insulation from laying on continuous vent. What would you like utilized for baffles/blown-in insulation stop?
 - Continuous runner, Arch will add more detailing to clarify drawing
- Drawings state “prefabricated side step ladder by others. We assume the ladder (furnish and install) is not part of this contract. Please confirm.
 - Custom ladder refer to Structural.
- Are there any details for blocking to be installed to support ladder? We assume this will need to be installed before wall panels are installed?
 - Structural can provide longer clip to anchor to wall, attach ladder on wall cut panels around clip.
- Drawing A-001 states “provide metal rain hood at exterior hollow metal frames”. There does not appear to be any details for this. Can details for this be provided?

- Note deleted, not applicable.
- There is a specification for damproofing but I did not see any mention in the drawings. If foundation damproofing required for this project?
 - Yes there is damproofing, Structural to add clarifying note that points to foundation/apply damproofing to foundation wall.
- How are cabinets and wall panels to be installed together? Are we to install cabinets and then install J-trim?
 - Think of panels as gyp, may need to provide extra blocking at wall for cabinets depending on load or drill in to stud to secure, but can be installed on top of panels
 - <https://trusscore.com/resources/wall-and-ceilingboard-installation-guide.pdf>

⇒ Can I hang shelving or cabinets on your PVC panels?

When hanging objects on our panels, treat it as you would drywall. For a more secure attachment, use the wall studs as attachment point. Otherwise, use appropriate fasteners that can carry the load.
-
- How are electrical panels and misc wall items to be installed. Are they to be installed over the pvc wall panels or install blocking and J-trim around it?
 - Can be installed over wall panels, sealant of silicon for waterproofing
 - <https://trusscore.com/resources/wall-and-ceilingboard-installation-guide.pdf>
- Elevation views show top of block/bottom of truss at 16'-0". Elevation views for storage area show 16'6". We assume storage elevations should be 16'-0" as well. Please confirm.
 - Elevation in storage/mezzanine area 6" higher to fit 6'H door to mezzanine and allow for 80" clear head height – can make apparatus bay 16'-6" to match if that's okay with Structural, can match bearing/framing height of trusses. Structural drawings match Arch, step bottom part of truss to make ceiling change higher. Will be designed by truss fabricator.
- Storage elevation also shows top of floor at 9'-10". Floor is 8" steel joists and ceiling below (at bathroom) is 9'-0". We assume this should be 9'-8 3/4" to top of floor or 19'8" to top of floor framing. Please confirm.
 - Should read 9'-10", top of framing is 9'-9 1/4", there's 3/4" fire rated plywood sheet called out for mezzanine, need to adjust floor section to update hatch. 8" structural metal framing.
- Drawing A-203 shows handrail at ladder and mezzanine overhang. Is this to be fabricated and installed by contractor? If so, please provide a detail for this.
 - To be fabricated, Structural to add handrail detail and drawings, top and middle rail and kickplate.
- Roof Eave detail shows Fiber cement board soffit. James Hardie makes a soffit panel. Is this what you are looking for or are you looking for cement board panels with separate continuous vent?
 - Yes