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Suite 203
Saginaw, MI 48604

Phone: (989) 790-9120
Fax: (989) 790-9053

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Field Operations
Professional Services
Restoration Services

1494 North Graham Road
Freeland, MI 48623

Phone: (989) 790-9120
Fax: (989) 781-0748

West Michigan Office

4403 Cascade Rod, SE
Suite 5
Grand Rapids, MI 49546

Phone: (616) 949-6868
Fax: (616) 949-4477

www.wolgastcorporation.com

ADDENDUM #3

Oscoda Area Schools 2024 Bond Projects

April 3, 2025

Bid Package No. 2 – New Community Center Rebid General Trades, Roofing, Flooring & Fire Protection Packages.

Contents:

1. The Collaborative Addendum 3 Writeup
2. Bid RFI Responses – Most of this information is also included in the AE writeup.
 - RFI 28 – Accessory Schedule
 - RFI 29 – Wood Ceiling
 - RFI 30 – Signage
 - RFI 31 – Administration Entry Doors
 - RFI 32 – Signage
 - RFI 33 – Blocking
 - RFI 34 – RAF Material Substitution Request
 - RFI 35 – R48 – Material Substitution Request
 - RFI 36 – AED's
 - RFI 37 – Dynamic Sports Substitution Request
 - RFI 38 – Sheathing – SHG-03
 - RFI 39 – Dor 017-1 EL D7
3. If you would like to attend the bid opening virtually and have any issues opening the link in the bid documents email Christie @chuver@wolgast.com. Link is on word document included in the bid documents files as well.
4. The Bid Due Date remains the same – April 9, 2025 @ 3:30 PM
5. Be sure to note receipt of this Addendum on your bid form.

THE COLLAB ORATIVE

04/3/2025

ADDENDUM NO. 03

To the Drawings and Specifications for:

Oscoda Area Schools Community Center

107253

Owner Name: Oscoda Area Schools

Prepared By:

The Collaborative

Telephone: (419) 242-7405

Fax: (419) 242-7400

TO ALL BIDDERS:

This addendum supplements and amends the original drawings and specifications, and shall be taken into account in preparing proposals, and shall become a part of the contract documents. Receipt of this Addendum must be acknowledged in the Bid Form.

GENERAL

Question 01: We need measurements and layout design for the vinyl wall graphic behind the information desk. There are no details provided in the specs or plans. For the dimensional letters and logo on the exterior, are these to be illuminated or non-illuminated?

Answer 01: The vinyl wall graphic on E4/A6.00 is roughly 7' x 6'. For specifications on the graphic itself see SECTION 101400 - SIGNAGE Section 2.5. The exterior letters and logo will not be illuminated.

Question 02: The following items are in the Accessory Schedule but not called out on the plans: (E) Napkin Disposal, (F) Diaper Change Station, (H) Waste Receptacle, (M) Mop Holder, (N) Seat Cover Dispenser, (P) Soap Dish, (R) Fixed shelf and (S) Napkin Dispenser.

Answer 02: These items are not included in the project.

Question 03: The doors at the perimeter of the administration addition all swing out and are frames are therefore set to the outside face. The head/jamb detail for these are called out as H5 and J5 which are not a representation of the actual condition. They don't show the exterior metal panels or how they are to be trimmed.

Answer 03: See B4/A2.00 for new jamb detail and updated door schedule

Question 04: C6/A4.12, The note asks for blocking full depth between joists. It appears that both the joists and the required blocking is CMF-01 cold-formed metal framing. Please clarify.

Answer 04: Full depth metal blocking, or similar bridging product like Clark Dietrich Trade Ready Bridging, is required at the third points along the joist span to prevent the joists from rotating when loaded and cracking finishing.

Question 05: Please see the attached for substitution approval consideration, Dynamic Sports

Answer 05: Substitution rejected

Question 06: There is a specification for 104300 for emergency aid equipment, however there are none on the plans.

Answer 06: No AED's will be provided as a part of the project

Question 07: The drawing details scale the roof insulation at about 6" thick. R-48 requires 12-1/4". Is this correct?

Answer 07: Standing seam metal roof nail base insulation has been changed to R-30 to align with the 6" thick shown on the drawings. See revised spec 061600 for more details

Question 08: We would like to submit a substitution request for the RAF material. Polyurf 7+2

Answer 08: Substitution Approved

Question 09: On pages A4.11 & A4.20B the drawings show the exterior of the building to be sheeted with 3.2" ins-01. However, on page A0.11 detail D4 is showing SHG-03 to be installed. I believe SHG-03 would need to accommodate MPL-2 on admin building.

Answer 09: Detail A0.11 is correct. All exterior walls where MPL-2 is shown should include a layer of SHG-03. E7, D7, A7, D4 on 4.11 will include the SHG-03.

Question 10: In regards to coiling doors as it relates to General Trades 060000 Door #017-1 EL D7, is this a coiling counter or coiling grille? See door schedule:

Door #016 -3 EL D-5 Serving Window

Door #017-1 EL D-7 Coiling Counter

Door #018-5 D-7 OH Door

Answer 10: Door 017-1 is a coiling grille

Clarifications

Reissued Door hardware schedule to exclude electrified panic hardware on most doors

Specifications

Division 06:

Section 061600 - ABA Sheathing - Revised and Reissued

Division 08:

Section 080671 - Door Hardware Schedule

Drawings

Architectural Drawings

Drawing A2.00 - Reissued

Item #1: Added new detail for admin portion doors

Item #2: Updated door schedule to include new door jamb detail

Drawing A4.11 - Reissued

Item #1: Updated R value for standing seam metal roof.

Drawing A3.00 - Reissued

Item #1: Updated building exterior signage to reflect new name.

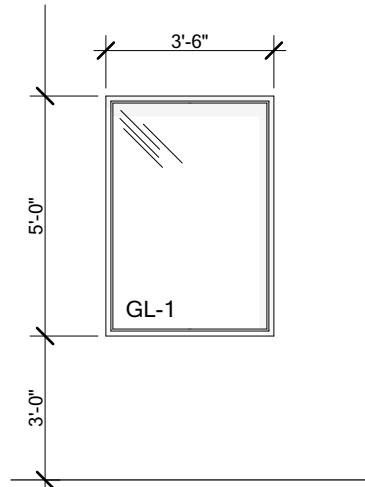
END OF ADDENDUM #03 (03 Written Pages, 03 Re-Issued Drawings, 01 Specification Section)

GLAZING GENERAL NOTES:

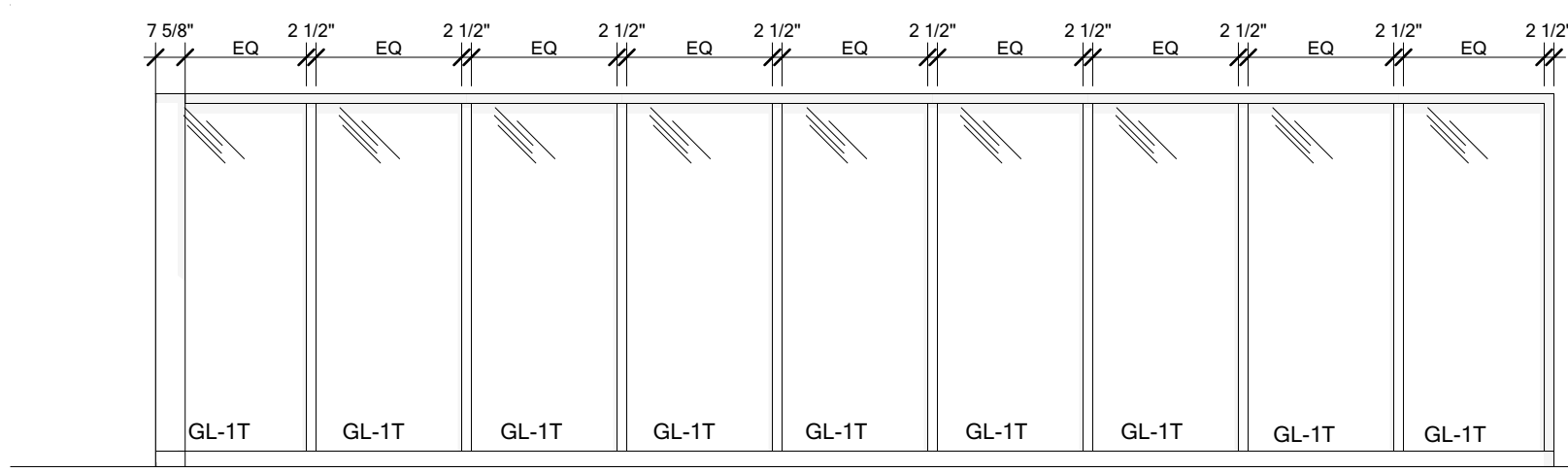
1. PROVIDE SAFETY GLAZING AT ALL LOCATIONS REQUIRED BY CODE.
2. REFER TO SPECIFICATIONS FOR DETAILED INFORMATION OF THE GLASS TYPES LISTED BELOW.

GLASS TYPES:

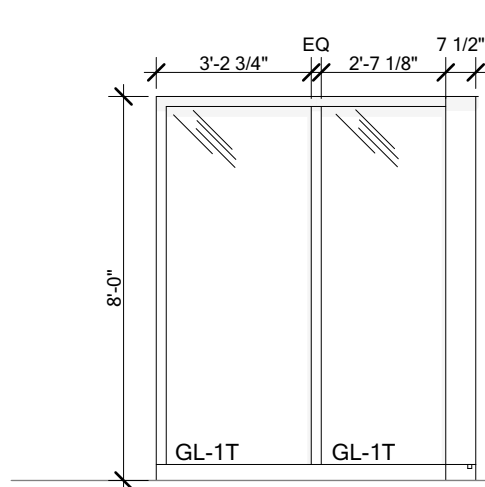
- GL-1 1" INSULATING GLASS UNIT
GL-1T 1" INSULATING GLASS UNIT (TEMPERED)
GL-2T 1/2" GLASS UNIT (TEMPERED)
GL-3T 1/4" GLASS UNIT (TEMPERED)



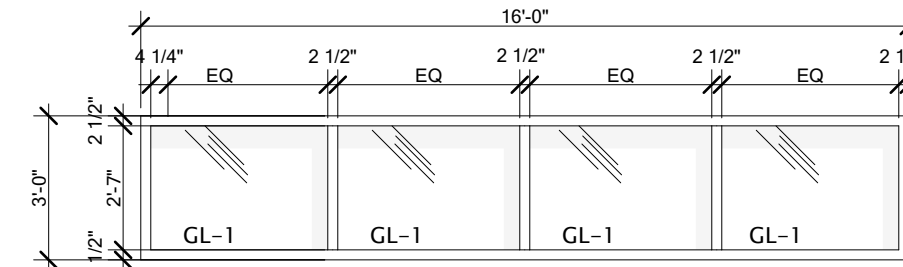
G9 SF-01 ELEVATION
SCALE: 1/4" = 1'-0"



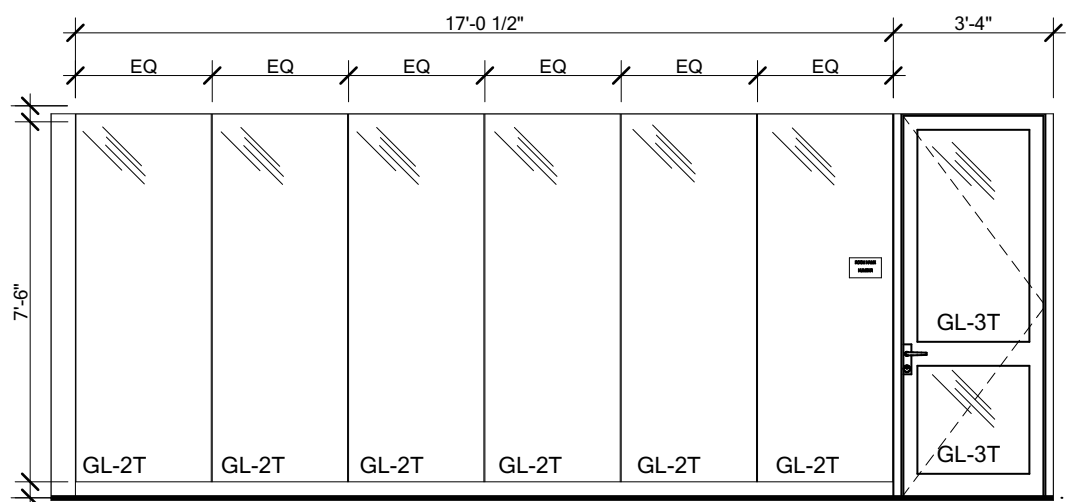
G6 SF-03A ELEVATION
SCALE: 1/4" = 1'-0"



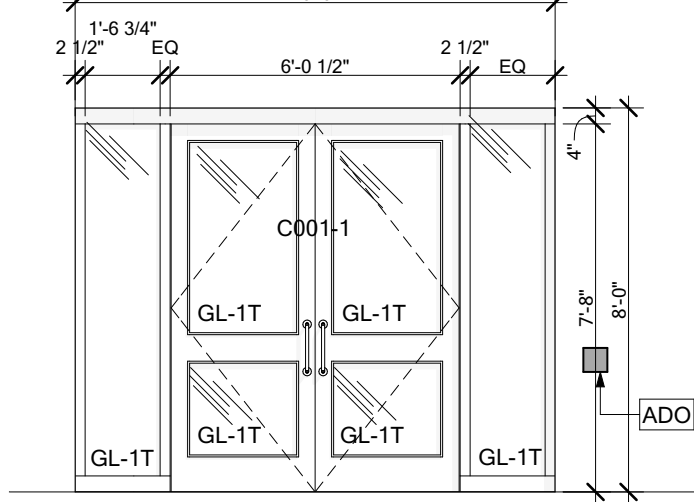
G5 SF-03B ELEVATION
SCALE: 1/4" = 1'-0"



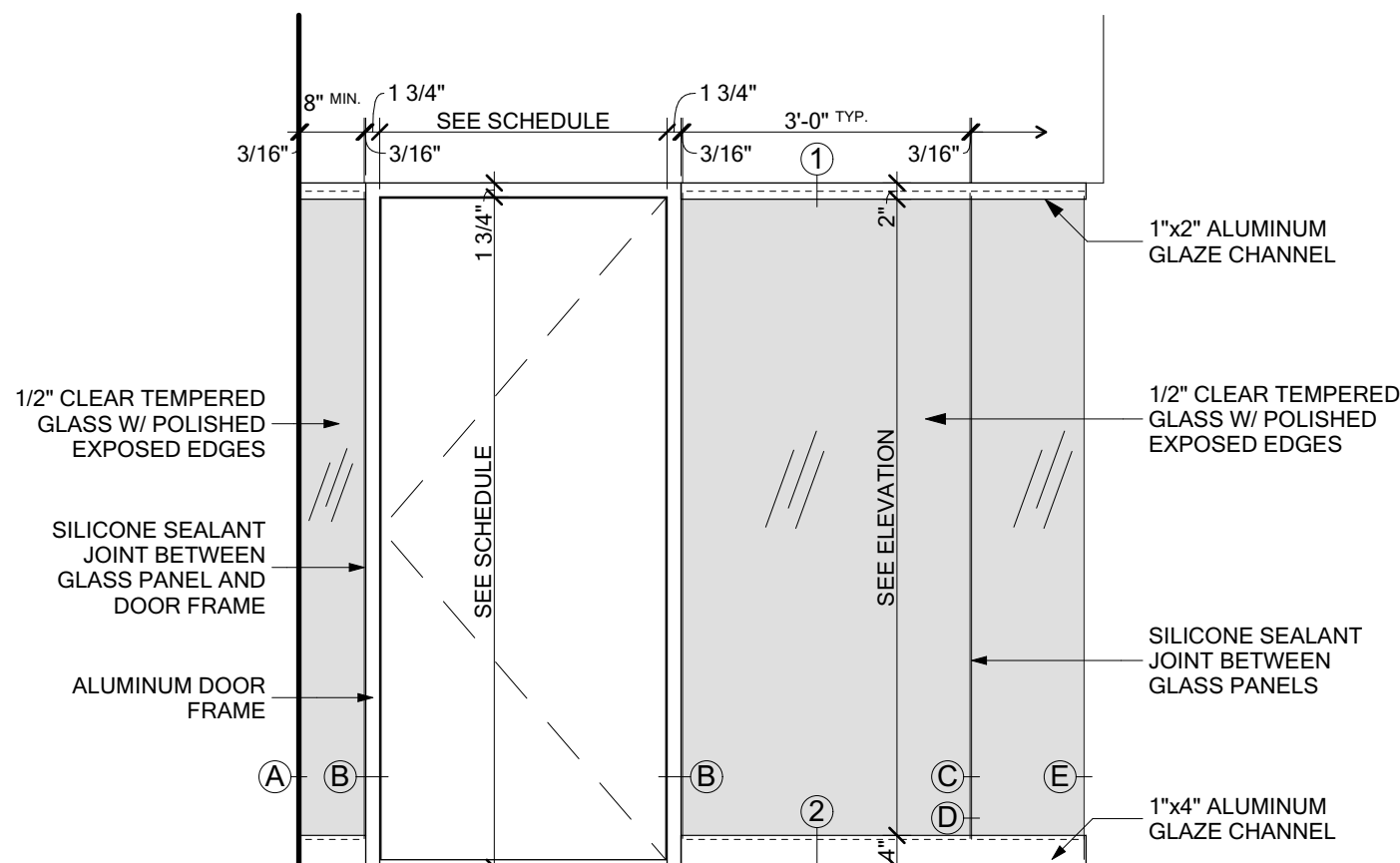
G3 SF-04 ELEVATION
SCALE: 1/4" = 1'-0"



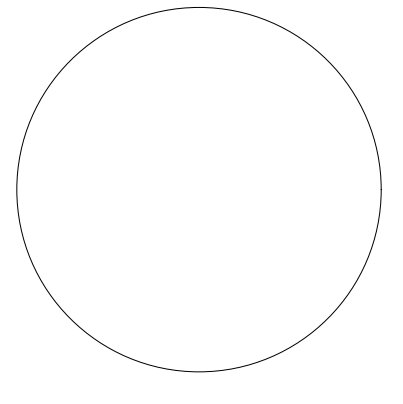
F8 IGW-01 ELEVATION
SCALE: 1/4" = 1'-0"



F7 SF-02A ELEVATION
SCALE: 1/4" = 1'-0"



E2 INTERIOR GLAZING DETAILS 1/2"
SCALE: 1/2" = 1'-0"



PROJECT TITLE
OSCODA AREA SCHOOLS

NEW COMMUNITY CENTER

3550 E River Rd,
Oscoda, MI, 48750

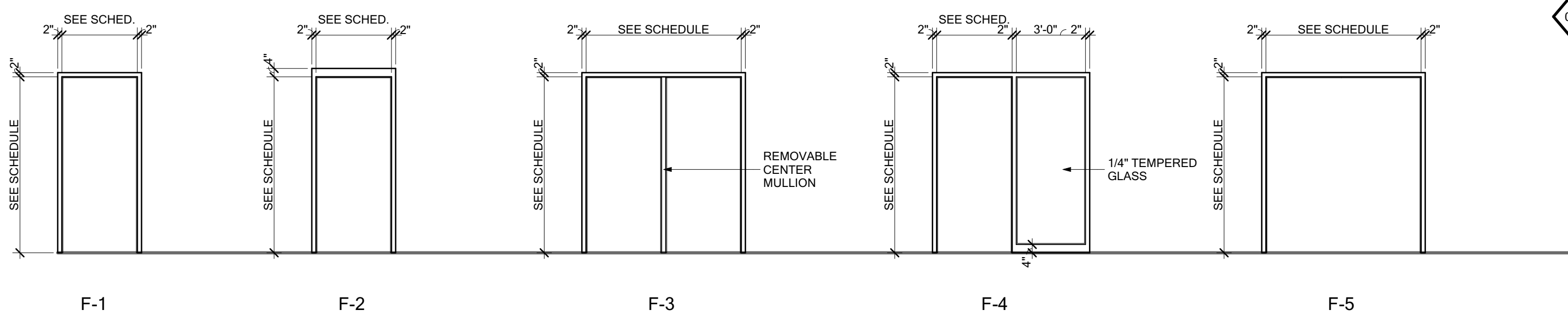
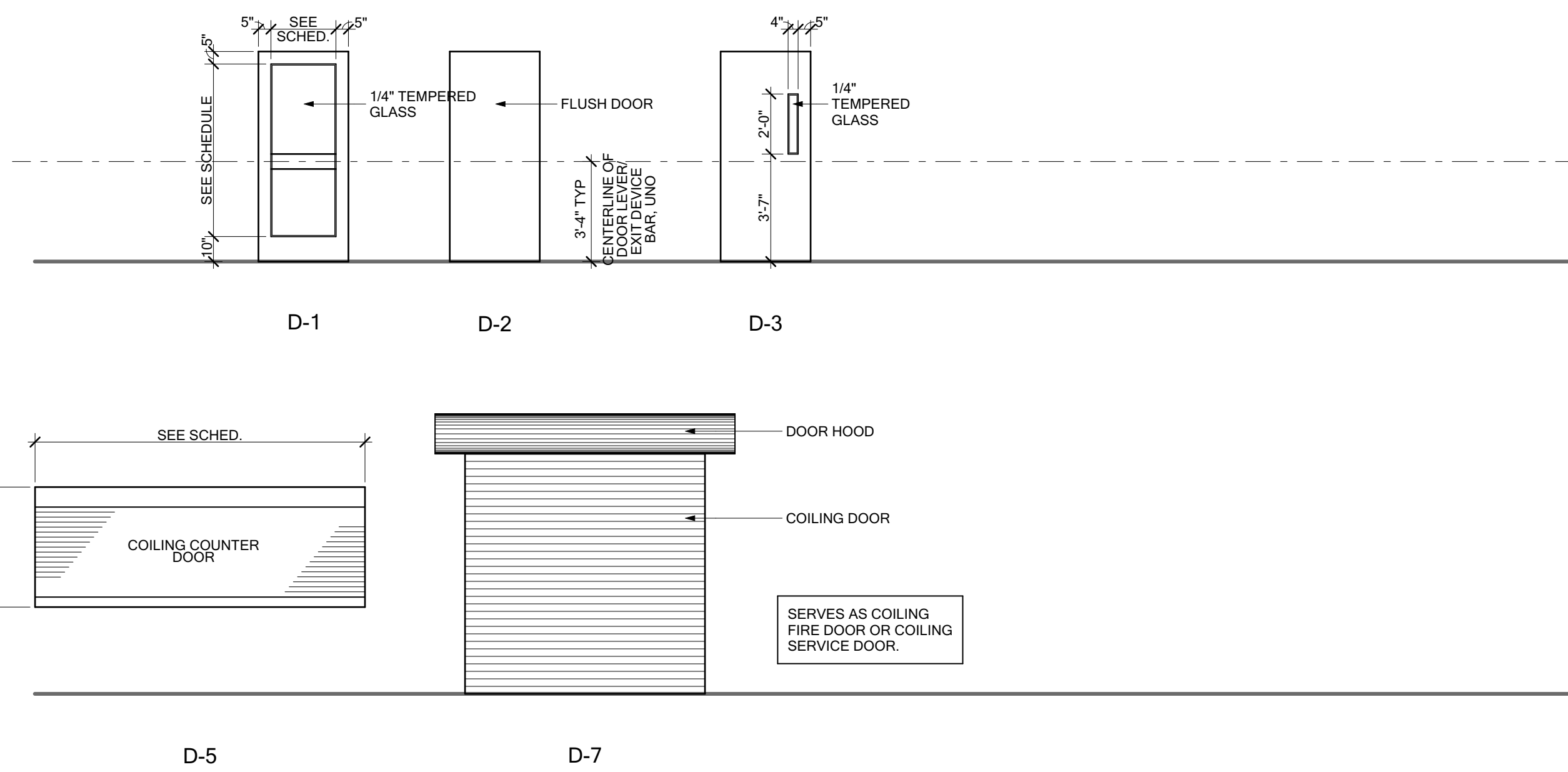
03 04/03/2025 ADDENDUM 03
03/14/2025 ADDENDUM 02
01/31/2025 ADDENDUM 01
12/18/2024 CD/BID
10/11/2024 DESIGN DEVELOPMENT
08/16/2024 SCHEMATIC DESIGN

TC JOB NO. 107253
OWNER JOB NO. #Client Project No.

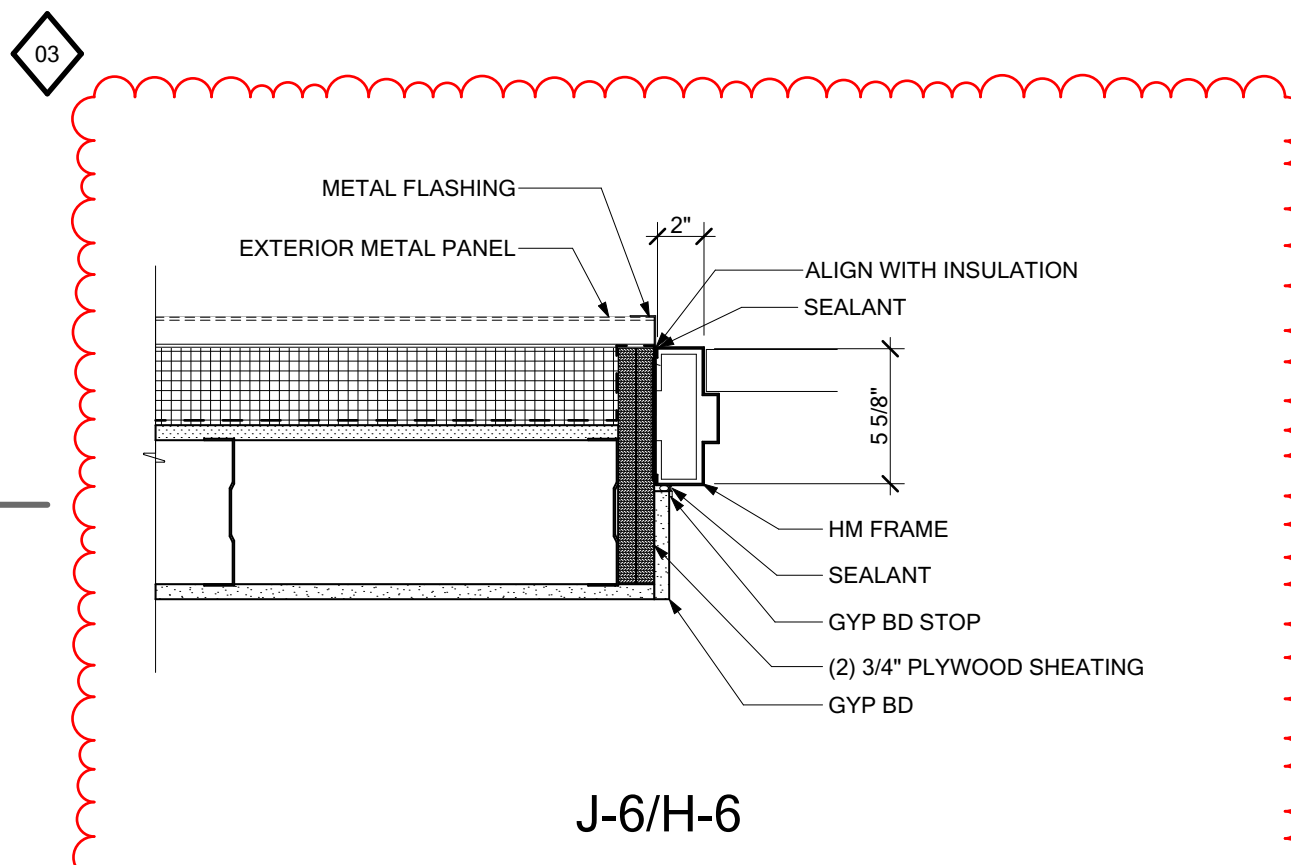
SHEET TITLE
DOOR SCHEDULE/
WINDOW ELEVATIONS

SHEET NO.

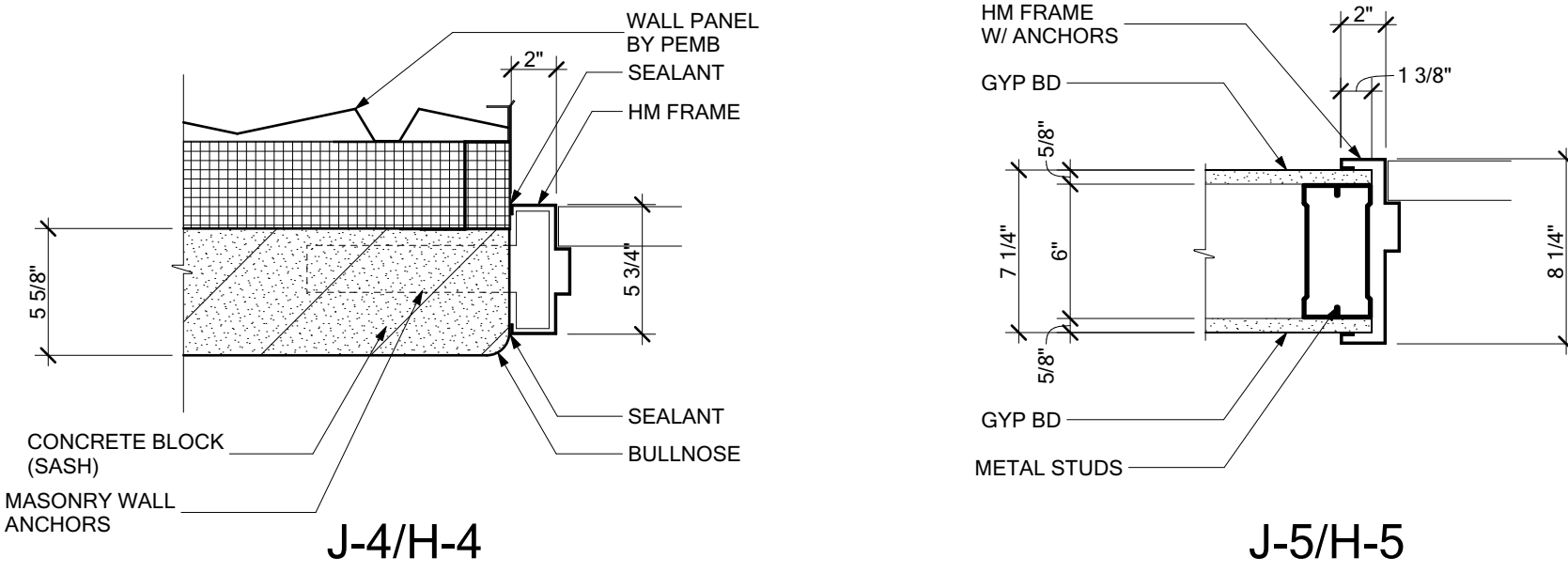
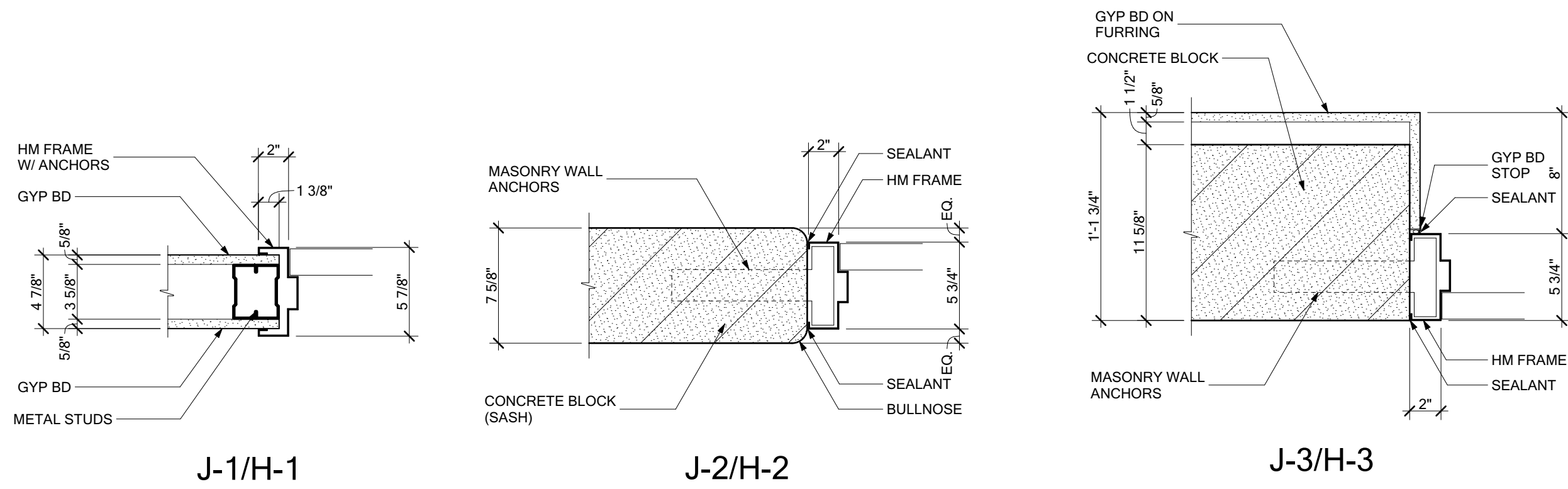
A2.00



B5 DOOR ELEVATIONS
SCALE: 1/4" = 1'-0"

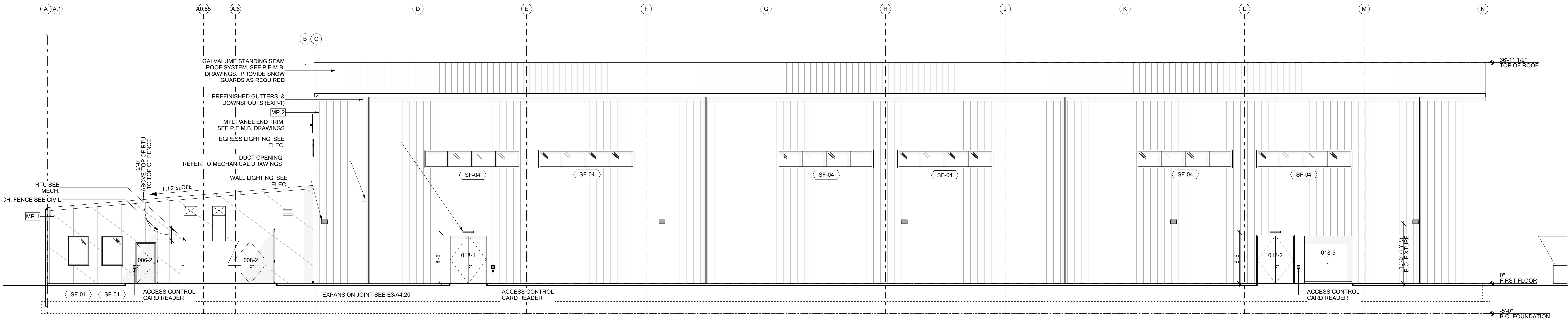


B4 DOOR JAMB DETAILS
SCALE: 1 1/2" = 1'-0"

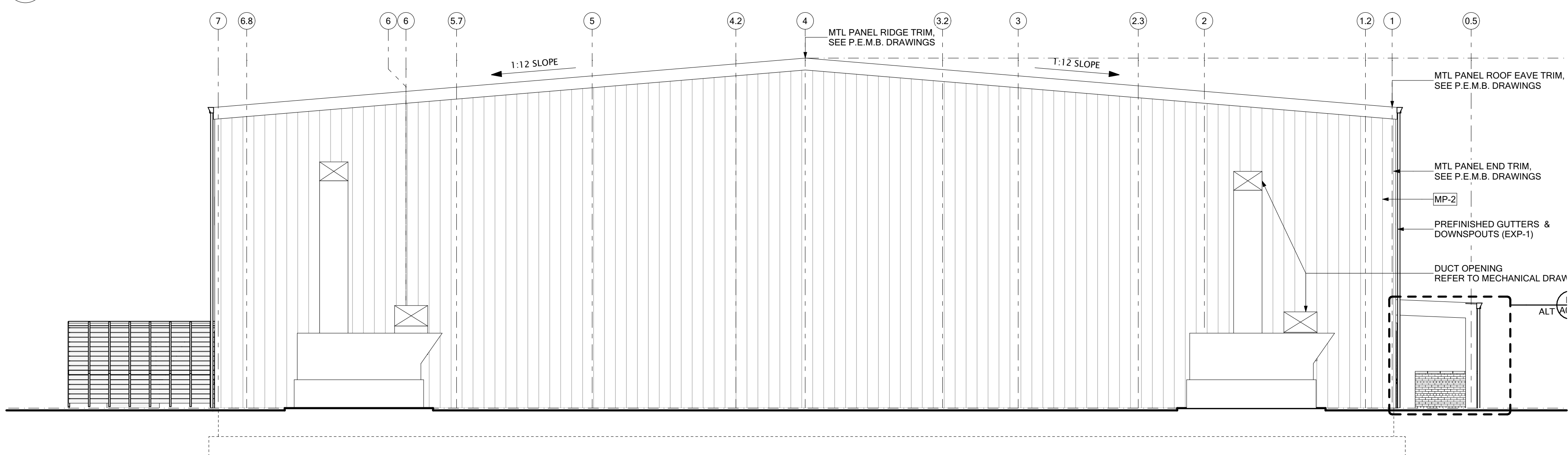


A3 DOOR JAMB DETAILS
SCALE: 1 1/2" = 1'-0"

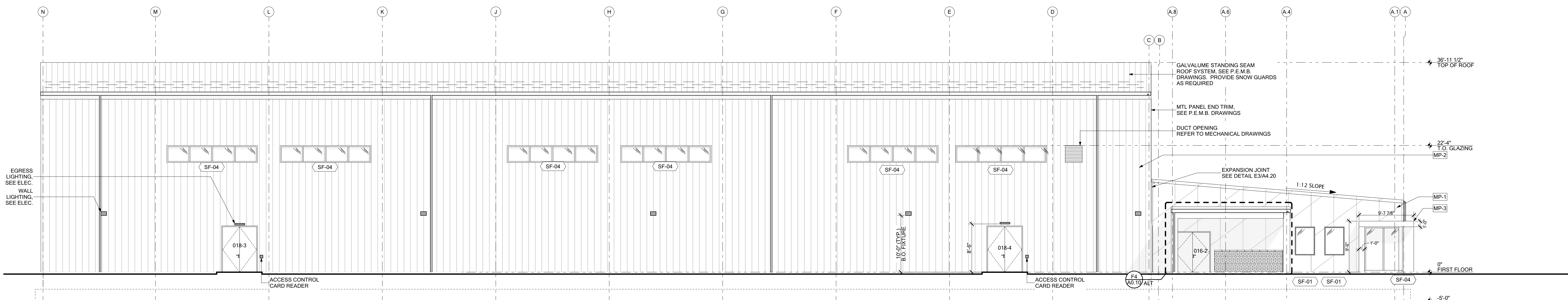
DOOR SCHEDULE											
No.	SIZE	DOOR		FRAME			H	J	HOW SET	FIRE RATING	REMARKS
		EL	MATL	FIN	EL	MATL					
001	3'-0"x6'-8"	D-1	SCWD	STAIN	F-4	HM	PT	H1	J1	8.0	-
002	3'-0"x6'-8"	D-1	SCWD	STAIN	F-4	HM	PT	H1	J1	8.0	-
003	3'-0"x6'-8"	D-1	SCWD	STAIN	F-4	HM	PT	H1	J1	8.0	-
004	3'-0"x6'-8"	D-1	SCWD	STAIN	F-4	HM	PT	H1	J1	8.0	-
005	3'-0"x6'-8"	D-1	SCWD	STAIN	F-4	HM	PT	H1	J1	8.0	-
006-1	3'-0"x6'-8"	D-1	SCWD	STAIN	F-4	HM	PT	H1	J1	8.0	-
006-2	3'-0"x6'-8"	D-2	HM	PT	F-1	HM	PT	H6	J6	3.0	-
007	3'-0"x6'-8"	D-2	HM	PT	F-1	HM	PT	H1	J1	8.0	-
008-1	3'-0"x6'-8"	D-2	HM	PT	F-1	HM	PT	H1	J1	8.0	-
008-2	6'-0"x7'-0"	D-2	HM	PT	F-3	HM	PT	H6	J6	4.0	-
009	3'-0"x6'-8"	D-1	SCWD	STAIN	F-1	HM	PT	H1	J1	6.0	-
010	3'-0"x6'-8"	D-2	HM	PT	F-1	HM	PT	H3	J3	11.0	-
011	3'-0"x7'-0"	D-2	HM	PT	F-1	HM	PT	H2	J2	12.0	-
012	3'-0"x7'-0"	D-2	HM	PT	F-1	HM	PT	H3	J3	13.0	-
013	3'-0"x7'-0"	D-2	HM	PT	F-1	HM	PT	H3	J3	13.0	-
014-1	3'-0"x8'-0"	D-1	AL	CLEAR	F-1	AL	-	-	-	7.0	SEE INT GLAZING
014-2	3'-0"x7'-0"	D-3	SCWD	PT	F-1	HM	PT	H1	J1	6.0	-
015-1	3'-0"x7'-0"	D-3	SCWD	PT	F-1	HM	PT	H1	J1	6.0	-
015-2	3'-0"x7'-0"	D-2	SCWD	PT	F-1	HM	PT	H1	J1	6.0	-
016-1	3'-0"x7'-0"	D-3	SCWD	PT	F-1	HM	PT	H1	J1	6.0	-
016-2	6'-0"x7'-0"	D-2	HM	PT	F-3	HM	PT	H6	J6	4.0	-
016-3	4'-0"x4'-0"	D-5	-	-	-	-	-	-	-	5.0	Serving window
017-1	8'-0"x8'-0"	D-7	-	-	-	-	-	-	-	5.0	COILING COUNTER
017-2	3'-0"x7'-0"	D-2	HM	PT	F-1	HM	PT	H1	J1	6.0	-
018-1	6'-0"x8'-0"	D-2	HM	PT	F-3	HM	PT	H4	J4	4.0	-
018-2	6'-0"x8'-0"	D-2	HM	PT	F-3	HM	PT	H4	J4	4.0	-
018-3	6'-0"x8'-0"	D-2	HM	PT	F-3	HM	PT	H4	J4	4.0	-
018-4	6'-0"x8'-0"	D-2	HM	PT	F-3	HM	PT	H4	J4	4.0	-
018-5	6'-0"x8'-0"	D-2	HM	PT	F-3	HM	PT	H4	J4	4.0	-
019	6'-0"x7'-0"	D-2	HM	PT	F-3	HM	PT	H1	J1	9.0	OH DOOR
020	3'-0"x7'-0"	D-2	HM	PT	F-1	HM	PT	H1	J1	6.0	-
C001-1	6'-0"x7'-8"	D-1	AL	CLEAR	-	AL	CLEAR	-	-	1.0	STOREFRONT ENTRANCE
C001-2	6'-0"x6'-0"	D-1	AL	CLEAR	-	AL	CLEAR	-	-	2.0	STOREFRONT ENTRANCE
C002	6'-0"x8'-0"	D-2	HM	PT	F-5	HM	PT	H1	J1	10.0	180 Door swing, Both Sides and frame of door to be PT2
C003-1	3'-0"x7'-0"	D-1	SCWD	PT	F-1	HM	PT	H1	J1	6.0	-
C003-2	3'-0"x8'-0"	D-2	HM	PT	F-1	HM	PT	H6	J6	6.0	-



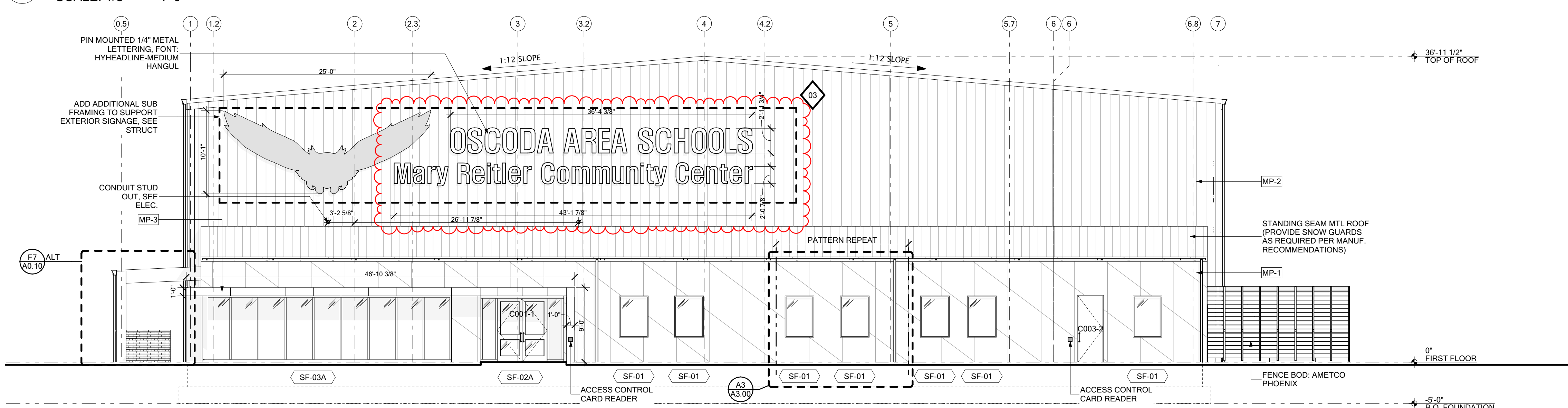
F2 EAST EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"



D4 NORTH EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"

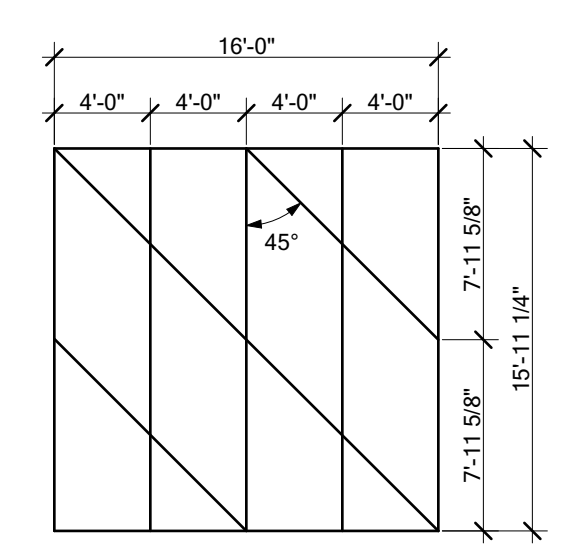


B1 WEST EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"



A4 SOUTH EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"

A3 METAL PANEL PATTERN
SCALE: 1/8" = 1'-0"



EXTERIOR GENERAL NOTES:

- SEALANT COLORS TO MATCH ADJACENT MATERIALS. VERIFY COLORS WITH ARCHITECT PRIOR TO APPLICATION. VERTICAL BRICK EXPANSION JOINT COLOR TO MATCH BRICK, NOT MORTAR.
- END DAMS REQUIRED FOR EACH END OF FLASHINGS AT ALL DOORS, WINDOWS, STOREFRONTS, CURTAIN WALLS, AND SIMILAR OPENINGS.

EXTERIOR FINISH SCHEDULE:

NOTE: SEE SPECIFICATIONS FOR ADDITIONAL FINISH INFORMATION. ALL PRODUCTS AND MANUFACTURERS INDICATED BELOW ARE BASIS OF DESIGN. SPECIFICATIONS LIST OTHER ACCEPTABLE MANUFACTURERS AND/OR PRODUCTS.

(BRK) BRICK MASONRY
BRK-1 MFR, SIZE, FINISH, COLOR

(CMU) CONCRETE MASONRY UNITS
CMU-1 MFR, SIZE, FINISH, COLOR
CMU-2 MFR, SIZE, FINISH, COLOR

(CS) CAST STONE MASONRY
CS-1 SIZE, FINISH, COLOR
CS-2 SIZE, FINISH, COLOR

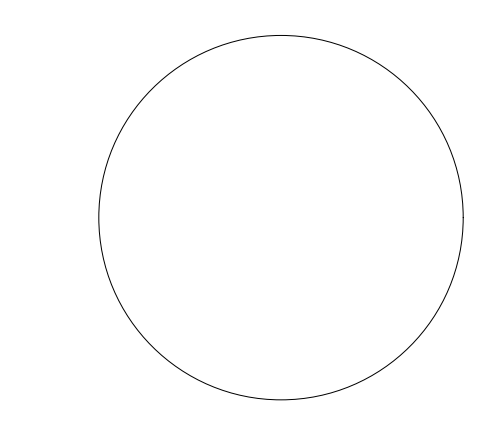
(EXP) EXTERIOR PAINTS
EXP-1 MFR, COLOR
EXP-2 MFR, COLOR

(MP) METAL PANELS
MP-1 OMEGA LITE CLIP & CAULK, ARCHITECT TO SELECT FROM STANDARD COLOR OPTIONS.
MP-2 MEG-36" WIDE, AVP PANEL, ARCHITECT TO SELECT FROM STANDARD COLOR OPTIONS.
MP-3 OMEGA OMEGA LITE CLIP & CAULK, CUSTOM COLOR TO MATCH MP-2.

(SHM) SHEET METAL
SHM-1 EAVE TRIM, PREFINISHED COLOR, ARCHITECT TO SELECT FROM STANDARD COLOR OPTIONS.
SHM-2 SHEET METAL, GUTTER, PREFINISHED COLOR, FINISH TO MATCH ADJACENT METAL PANEL.
SHM-3 SHEET METAL DOWNSPOUT, PREFINISHED COLOR, FINISH TO MATCH ADJACENT METAL PANEL.

(ST) STONE MASONRY
ST-1 TYPE, SIZE, COLOR, FINISH

THE
COL
LAB
ORAT
IVE



PROJECT TITLE
OSCODA AREA SCHOOLS

NEW COMMUNITY CENTER

3550 E River Rd,
Oscoda, MI, 48750

04/03/2025	ADDENDUM 03
03/14/2025	ADDENDUM 02
01/31/2025	ADDENDUM 01
12/18/2024	CD/BID
10/11/2024	DESIGN DEVELOPMENT
08/16/2024	SCHEMATIC DESIGN

TC JOB NO. 107253
OWNER JOB NO. #Client Project No.

SHEET TITLE
EXTERIOR ELEVATIONS

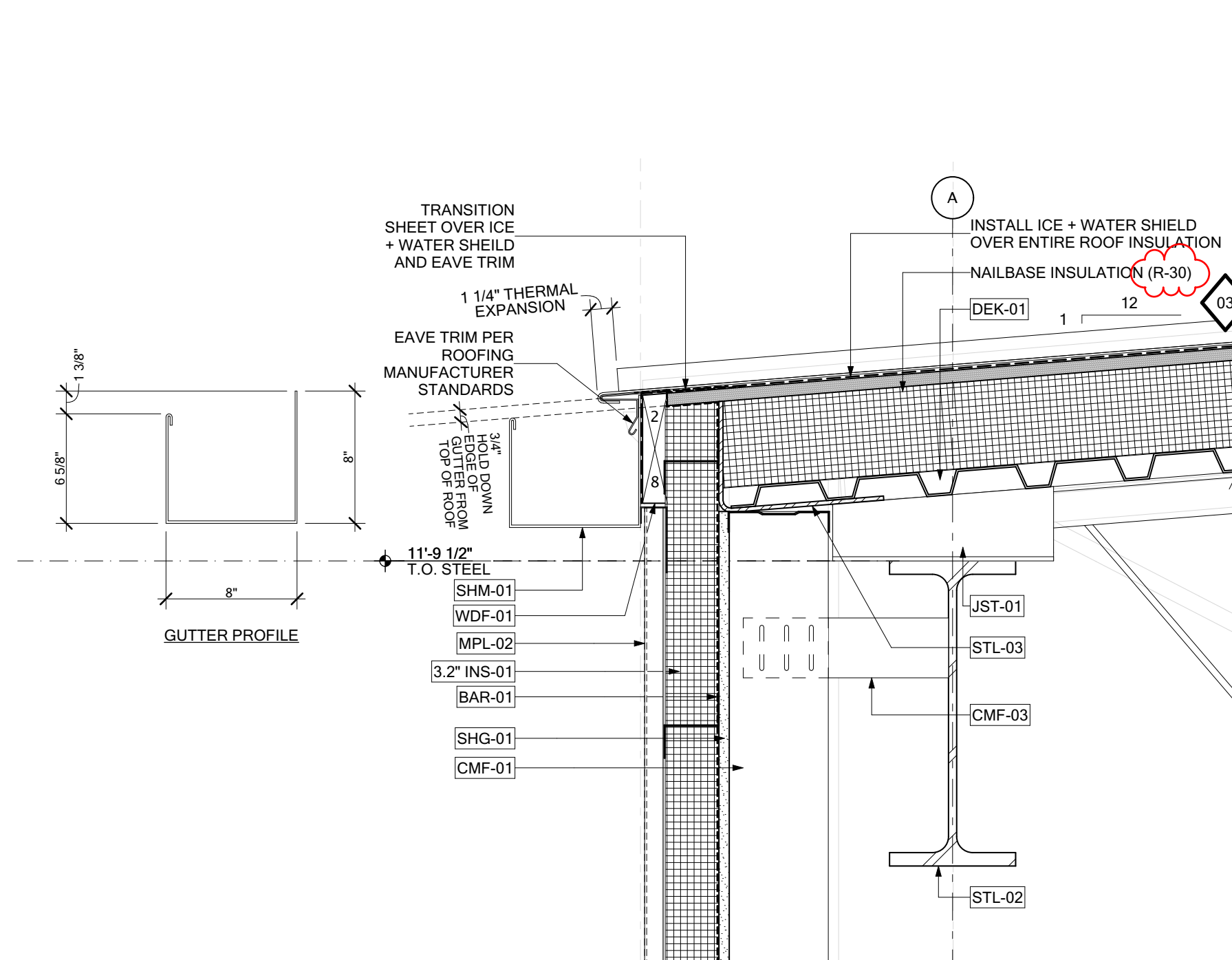
SHEET NO.
A3.00

NEW
COMMUNITY
CENTER

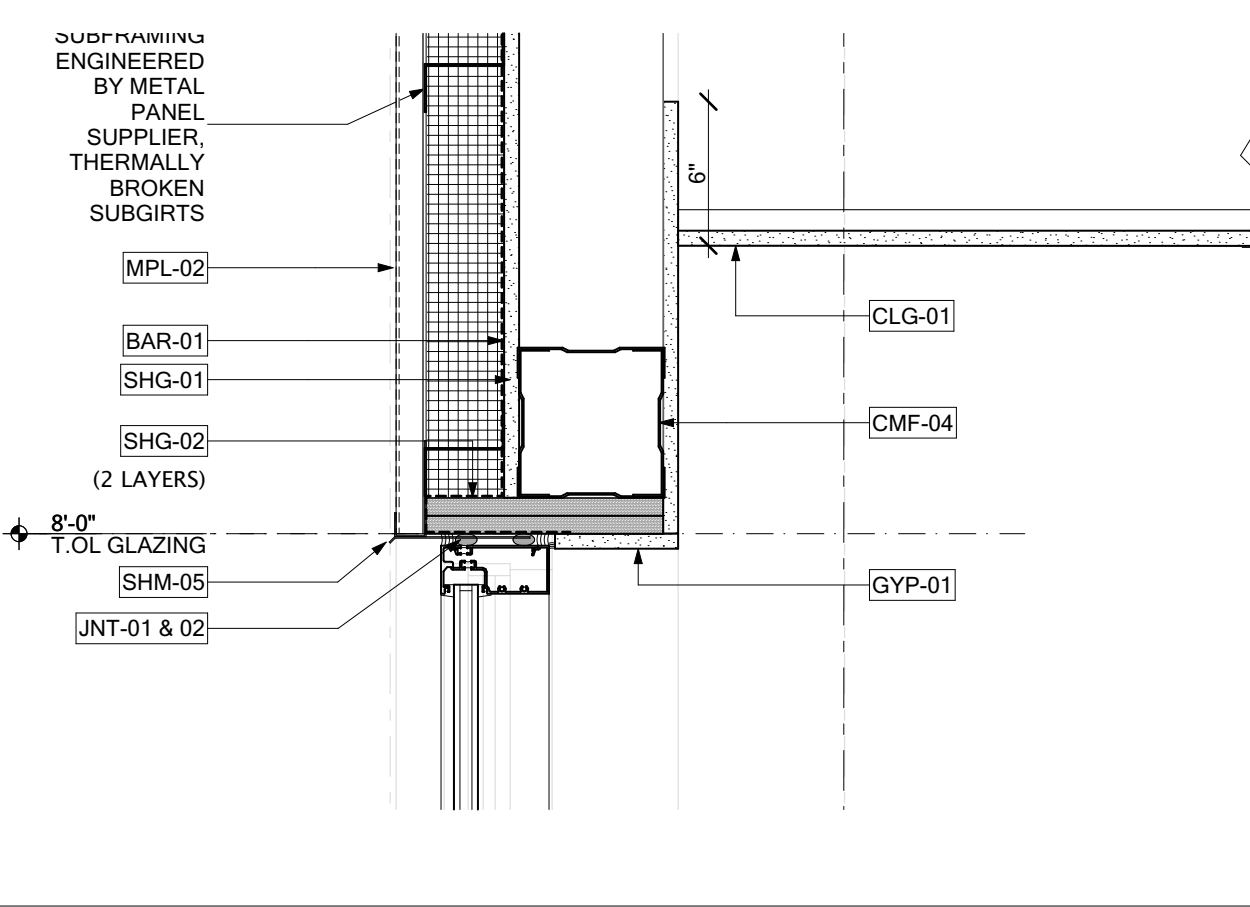
03	04/03/2025	ADDENDUM 03
	03/14/2025	ADDENDUM 02
	01/31/2025	ADDENDUM 01
	12/18/2024	CD/BID
	10/11/2024	DESIGN DEVELOPMENT
	08/16/2024	SCHEMATIC DESIGN

SHEET NO.

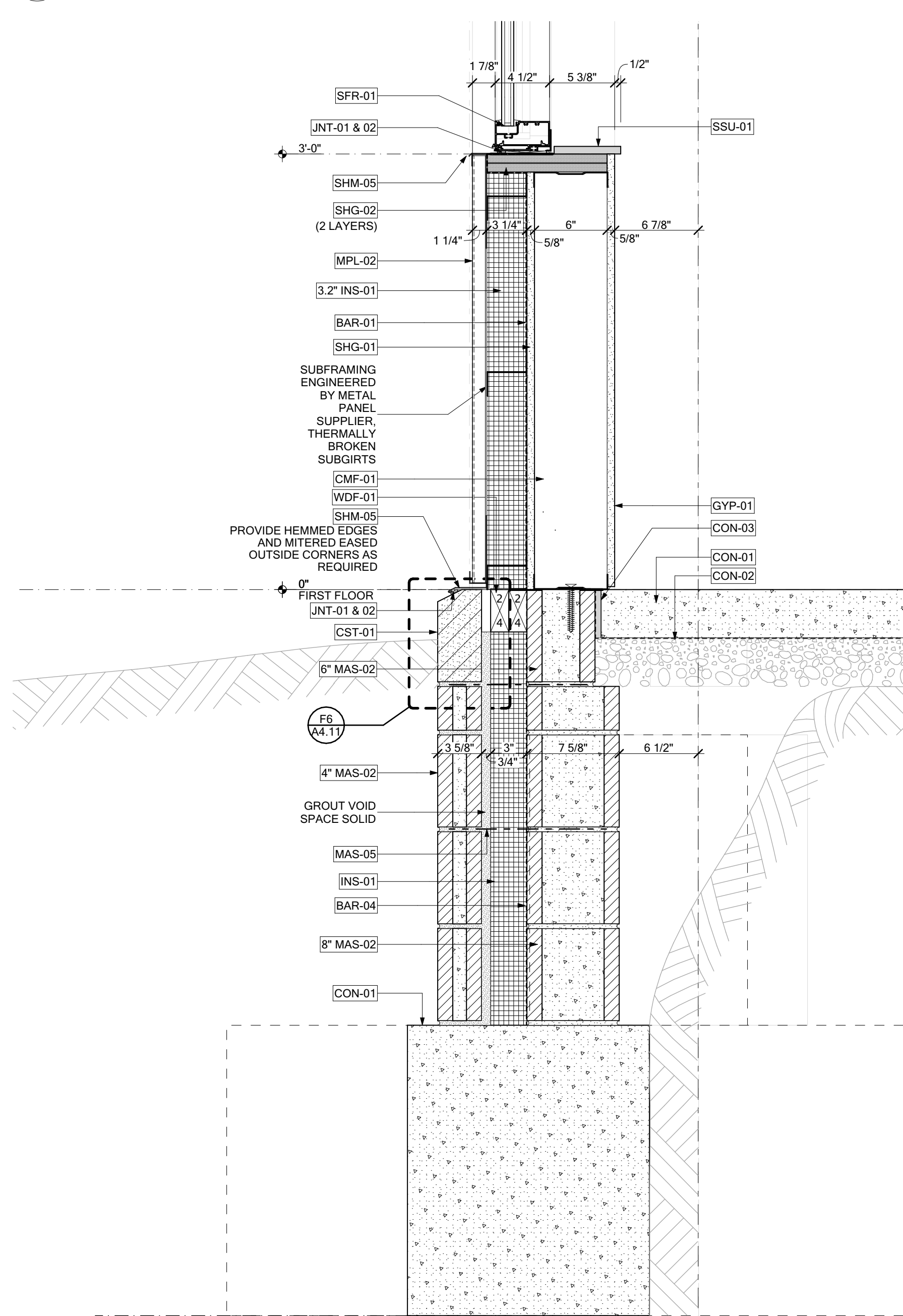
KEYNOTES:	
(NOTE: NOT ALL NUMBERS ARE USED)	
BAR- VAPOR AIR AND WEATHER BARRIERS	
BAR-01 VAPOR-RETARDING AIR BARRIER SYSTEM	
BAR-02 VAPOR-RETARDING AIR BARRIER SYSTEM	
BAR-03 VAPOR-PERMEABLE WATER-RESISTIVE BARRIER	
BAR-04 BARRIER TRANSITION SHEET	
BAR-05 APPLIED DAMPPROOFING	
CLG- CEILING	
CLG-01 SEE REFLECTED CEILING PLANS AT 00 SERIES	
CMF- COLD-FORMED METAL FRAMING	
CMF-01 COLD-FORMED METAL FRAMING	
CMF-02 COLD-FORMED DEFLECTION TRACK	
CMF-03 COLD-FORMED CLIP ANGLE	
CMF-04 COLD-FORMED JOIST BOA HEADER	
CON- CONCRETE	
CON-01 CAST-IN-PLACE CONCRETE	
CON-02 UNDERSLAB VAPOR RETARDER	
CON-03 EXPANSION JOINT FILLER	
CON-04 PRECAST CONCRETE FLANK	
CON-05 PRECAST CONCRETE PANEL	
CUR- CURTAIN WALL FRAMING	
CUR-01 CURTAIN WALL FRAMING SYSTEM	
CUR-02 CURTAIN WALL ANCHOR CLIP	
DEK- METAL DECKING	
DEK-01 STEEL DECKING	
DEK-02 STEEL ACCEAL DECKING	
EFS- EXTERIOR INSULATION AND FINISHING SYSTEMS (EFS)	
EFS-01 EPS FINISHING COATS	
EFS-02 EPS INSULATION BOARD	
EFS-03 POLYURETHANE AIR AND WATER-RESISTIVE BARRIER	
EFS-04 EPS DRIP EDGE	
EFS-05 EPS DRAINAGE GAP	
FLR- FLOORING	
FLR-01 CARPET	
FST- FIRE STOPPING, SEALANTS, AND RESISTIVE MATERIALS	
FST-01 FIRESTOPPING	
FST-02 FIRE SEALANT	
FST-03 SPRAY-APPLIED FIRE-RESISTIVE MATERIAL	
FST-04 INTUMESCENT COATING	
GLA- GLAZING	
GLA-01 MONOLITHIC GLAZING	
GLA-02 INSULATED GLAZING UNIT	
GYP- GYPSUM BOARD ASSEMBLIES	
GYP-01 GYPSUM BOARD	
GYP-02 GLASS MAT-FACED GYPSUM BOARD	
GYP-03 CONTROL JOINT	
GYP-04 CORNER BEAD	
GYP-05 J-BEAD	
GYP-06 F-REVEAL	
GYP-07 U-REVEAL	
GYP-08 Z-REVEAL	
GYP-09 CEMENT BACKER BOARD	
HMD- HOLLOW METAL DOORS AND FRAMES	
HMD-01 HOLLOW METAL DOOR	
HMD-02 HOLLOW METAL WINDOW OPENINGS	
HMD-03 HOLLOW METAL DOOR	
INS- INSULATION	
INS-01 RIGID INSULATION BOARD	
INS-02 SPRAYED-FOAM INSULATION	
INS-03 THERMAL BATT INSULATION	
INS-04 ACOUSTICAL BATT INSULATION	
INT- JOINT SEALANTS	
INT-01 JOINT SEALANT	
INT-02 BACKER ROD	
INT-03 ACQUASEAL	
INT-04 PREFORMED JOINT SEAL	
INT-05 BUILDING EXPANSION JOINT ASSEMBLY	
JST- STEEL JOISTS	
JST-01 STEEL JOIST	
JST-02 STEEL JOIST ORDER	
JST-03 BEARING	
JST-04 JOIST SUBSTITUTE	
MAS- MASONRY (GENERAL)	
MAS-01 BRICK MASONRY	
MAS-02 CONCRETE MASONRY UNIT	
MAS-03 DECORATIVE CMU VENEER	
MAS-04 FLUSH	
MAS-05 VENEER ANCHOR	
MAS-06 MASONRY WEEP, 24" OC	
MAS-07 PRESSURIZATION/VENT, 24" OC	
MAS-08 CAVITY DRAINAGE MATERIAL	
MAS-09 GROUT	
MAS-10 PREFORMED MASONRY CONTROL JOINT	
MAS-11 UNFILL	
MAS-12 SOLID CONCRETE MASONRY UNIT	
MAS-13 CMU BOND BEAM	
MAS-14 CMU FLASHING PAN	
MAS-15 FLASHING TERMINATION BAR	
MPL- METAL PANELS	
MPL-01 REFLECTED METAL PANEL	
MPL-02 METAL COMPOSITE MATERIAL PANEL	
MPL-03 FLASHING TO MATCH METAL PANEL	
MPL-05 METAL SOFT PANEL	
NSF- NON-STRUCTURAL METAL FRAMING	
NSF-01 NON-STRUCTURAL METAL FRAMING (3 1/8" UNO)	
NSF-02 NON-STRUCTURAL DEFLECTION TRACK	
NSF-03 HATCH CHANNEL FURRING (1 1/2" UNO)	
NSF-04 Z-FURRING	
NSF-05 NON-STRUCTURAL CLIP ANGLE	
NSF-07 NON-STRUCTURAL FRAMING	
NSF-08 J-TRACK	
NSF-09 FRAMING TRACK	
OHD- OVERHEAD DOORS	
OHD-01 OVERHEAD COLLING INSULATED DOOR	
OHD-03 OVERHEAD COLLING SHUTTER	
PMB- PRE ENGINEERED METAL BUILDING	
PMB-01 METAL WALL PANEL	
PMB-03 METAL BUILDING FRAME	
PMB-04 TRIM	
PMB-05 PURLIN	
PMB-06 EAVE / RAKE FRAMING	
PMB-07 TRIM	
RF- ROOFING	
RF-01 SINGLE-PLY MEMBRANE ROOFING	
RF-02 ROOFING MEMBRANE FLASHING	
RF-03 ROOFING INSULATION	
RF-04 TAPERED ROOFING INSULATION	
RF-05 ROOFING VAPOR RETARDER	
RF-06 TERMINATION BAR	
RF-07 ROOF DRAIN PIPE BOOT	
RF-08 STANDING-SEAM METAL ROOFING	
RF-09 ROOF DRAIN PIPE FLASHING	
RF-10 ROOFING UNDERLAYMENT	
RF-11 CONTINUOUS ICE & WATER SHIELD	
RNF- REINFORCING STEEL	
RNF-01 REINFORCING BAR	
RNF-02 WELDED WIRE MESH	
SFR- STOREFRONT FRAMING	
SFR-01 STOREFRONT FRAMING SYSTEM	
SFR-02 COMPENSATING HEAD RECEPTOR	
SFR-03 EXTRUDED SLIT FLASHING	
SFR-04 STOREFRONT ENTRANCE	
SFR-05 BRAKE METAL TRIM TO MATCH FRAMING	
SFR-06 PREFINISHED FLASHING TO MATCH FRAMING	
SHD- WINDOW SHADES	
SHD-01 ROLLING WINDOW SHADE	
SHG- SHEATHING	
SHG-01 FIBERGLASS MAT GYPSUM SHEATHING	
SHG-02 GYPSUM SHEATHING (3/8" FRT UNO)	
SHG-03 NAIL BASE SHEATHING (3/16" THICK UNO)	
SHM- SHEET/METAL FABRICATIONS	
SHM-01 GUTTER	
SHM-02 DOWNSPOUT	
SHM-03 GRAVEL STOP	
SHM-04 COPING	
SHM-05 SHEET METAL FLASHING	
SHM-06 DRIP EDGE	
SHM-07 COUNTERFLASHING	
SSU- SOLID SURFACE	
SSU-01 SOLID SURFACE MATERIAL, SEE FINISH SCHEDULE	
STL- STRUCTURAL STEEL	
STL-01 STEEL COLUMN	
STL-02 STEEL BEAM	
STL-03 STEEL PLATE	
STL-04 STEEL ANGLE	
STL-05 STEEL CHANNEL	
STL-06 STEEL WIDE FLANGE BEAM	
STL-07 STEEL RECTANGULAR TUBE	



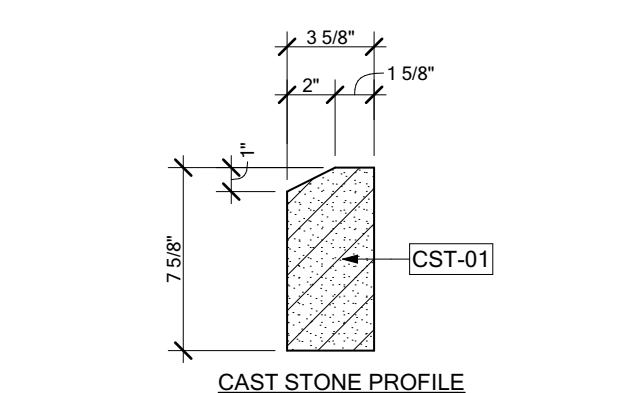
E7 DETAIL
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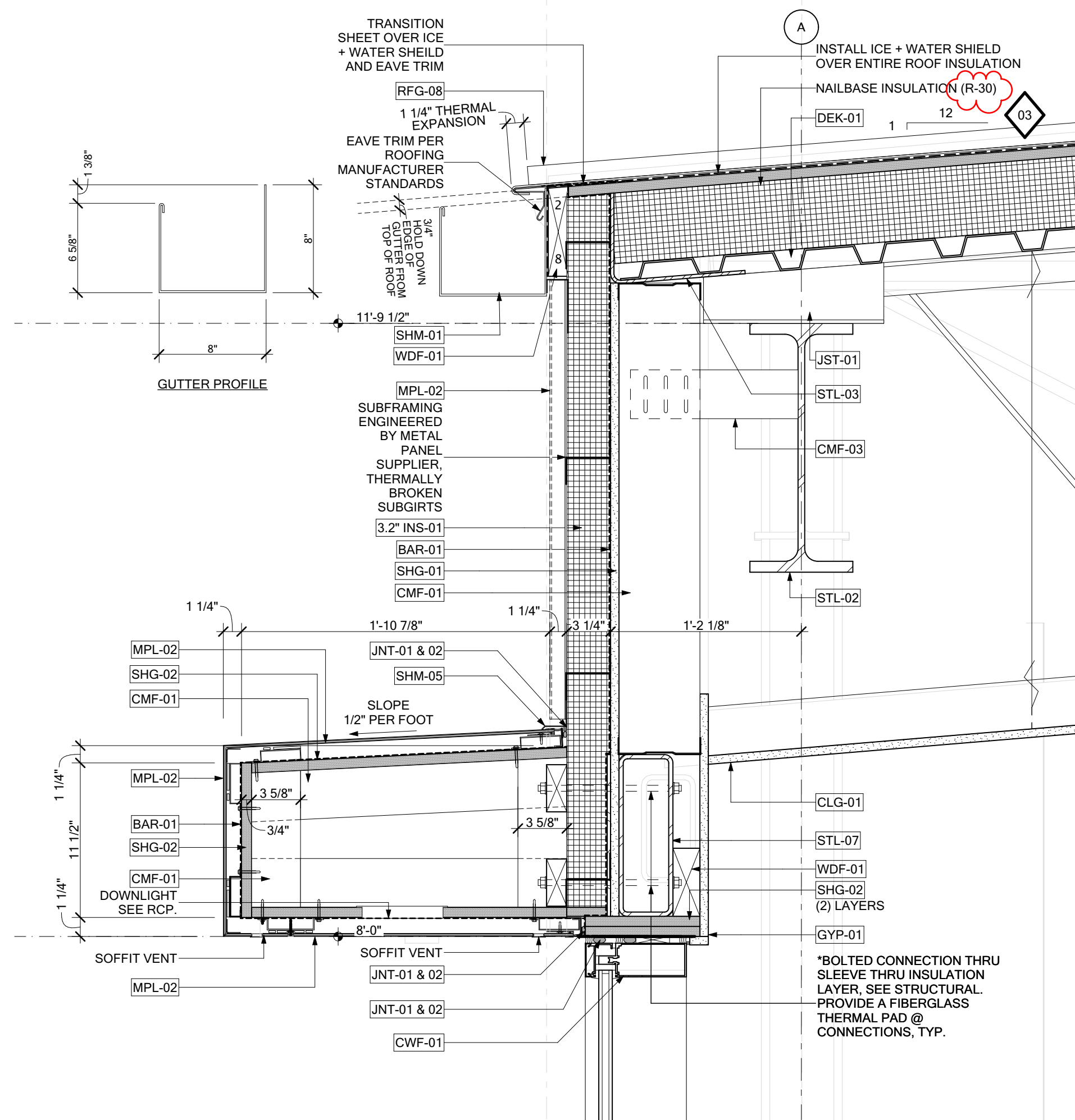
DETAIL
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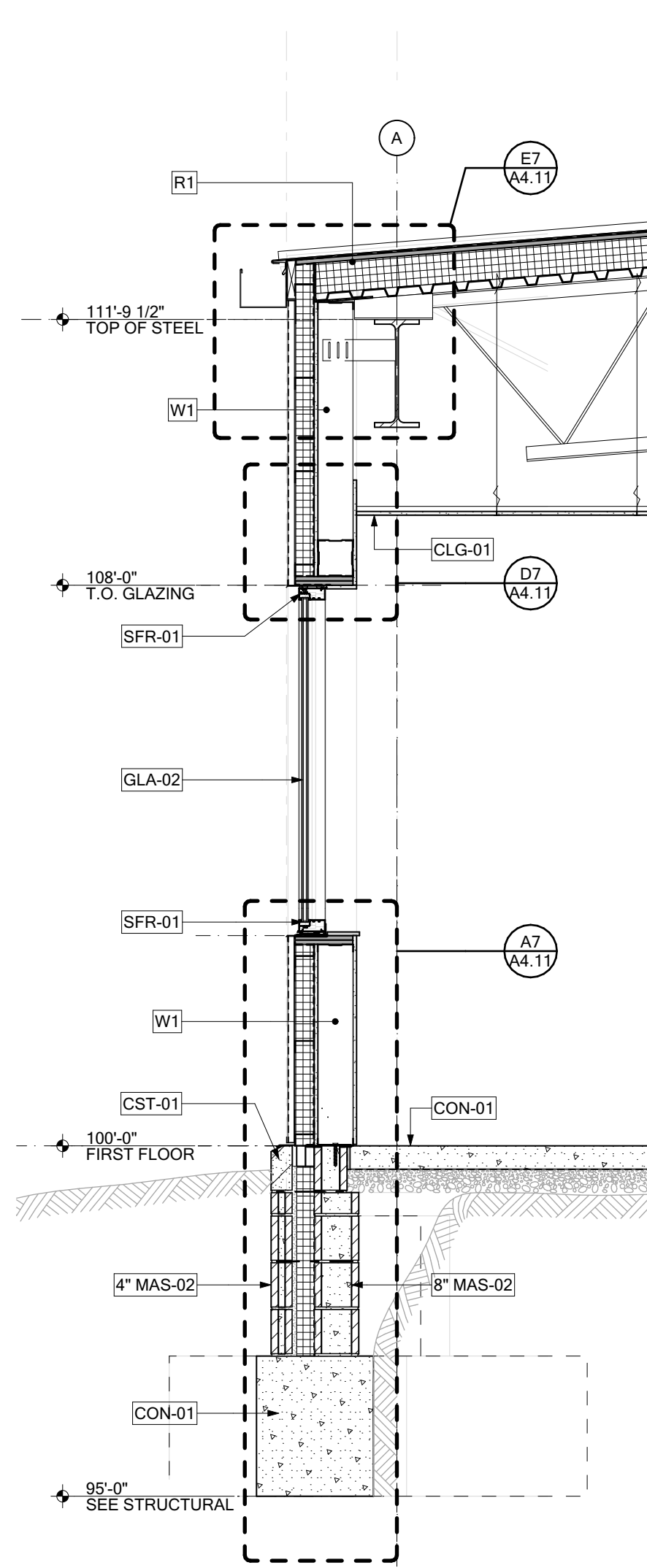
DETAIL
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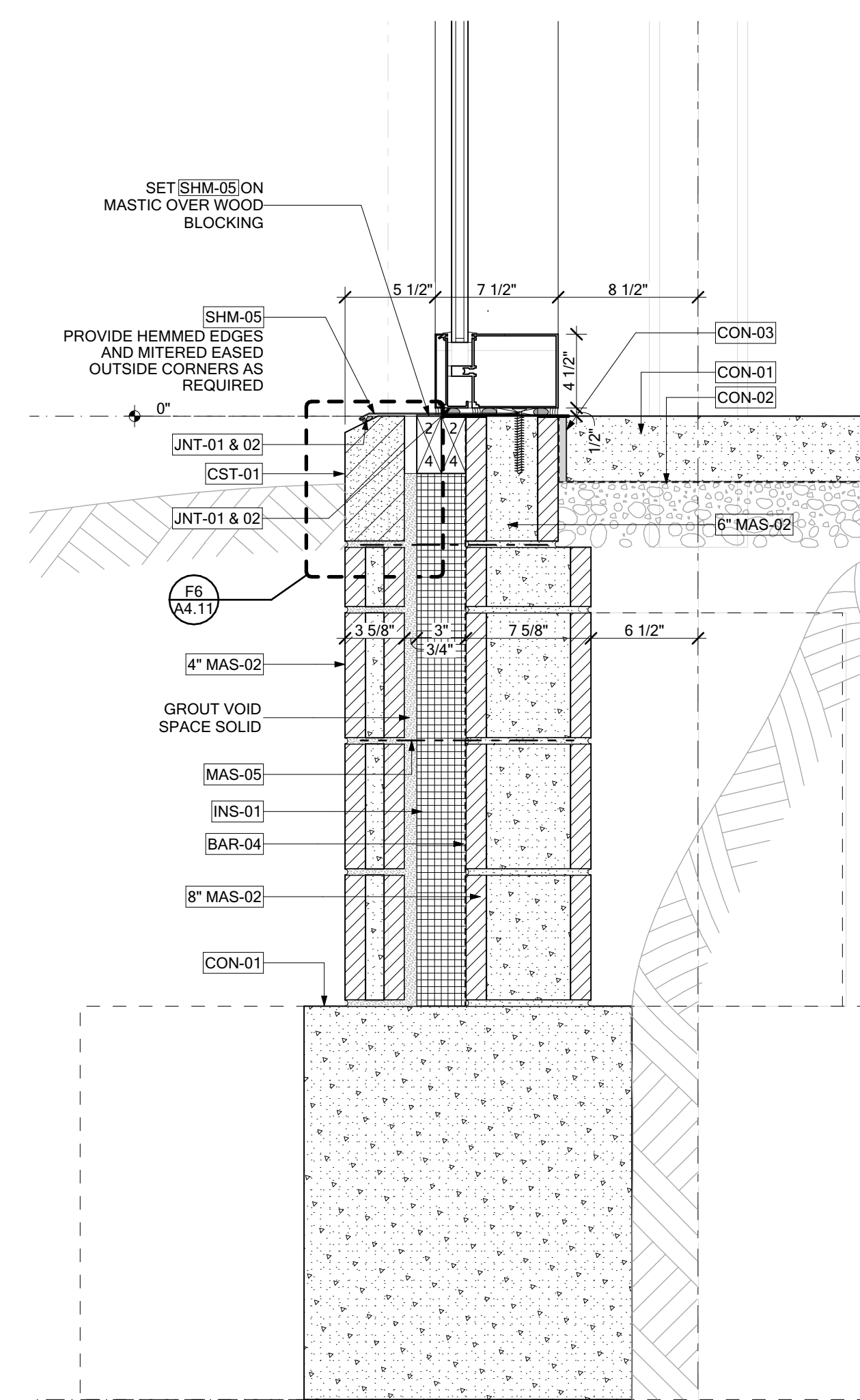
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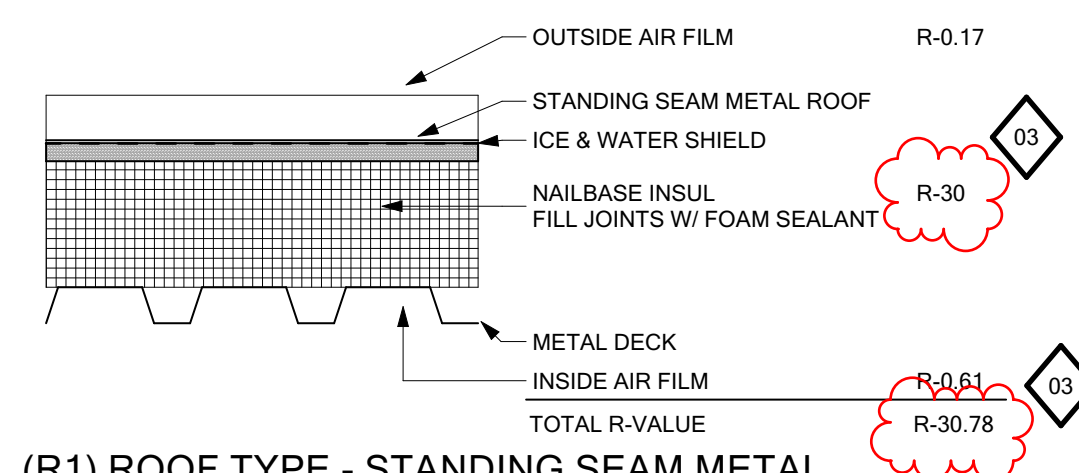
DETAIL
SCALE: 1 1/2"= 1'-0"



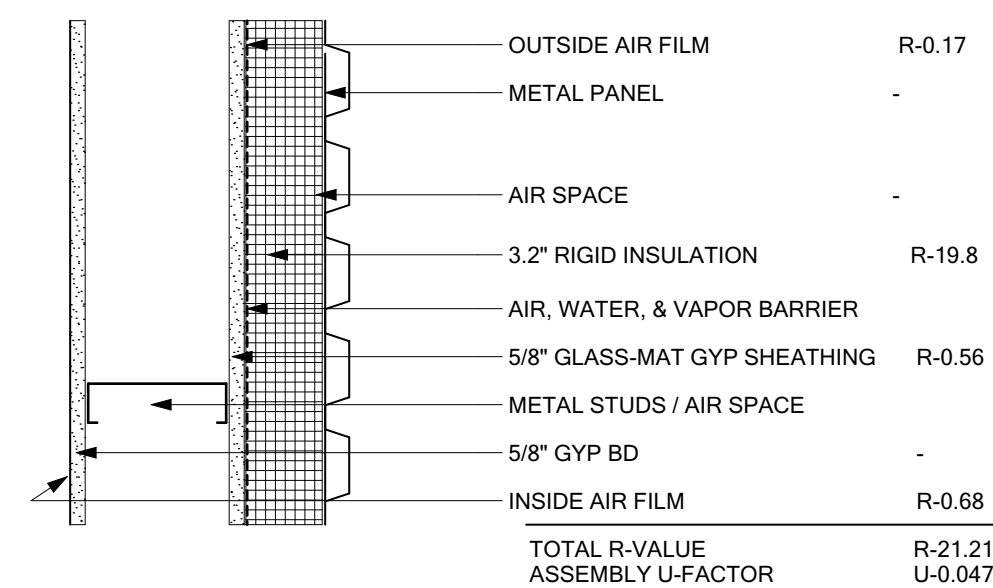
WALL SECTION
SCALE: 1/2" = 1'-0"



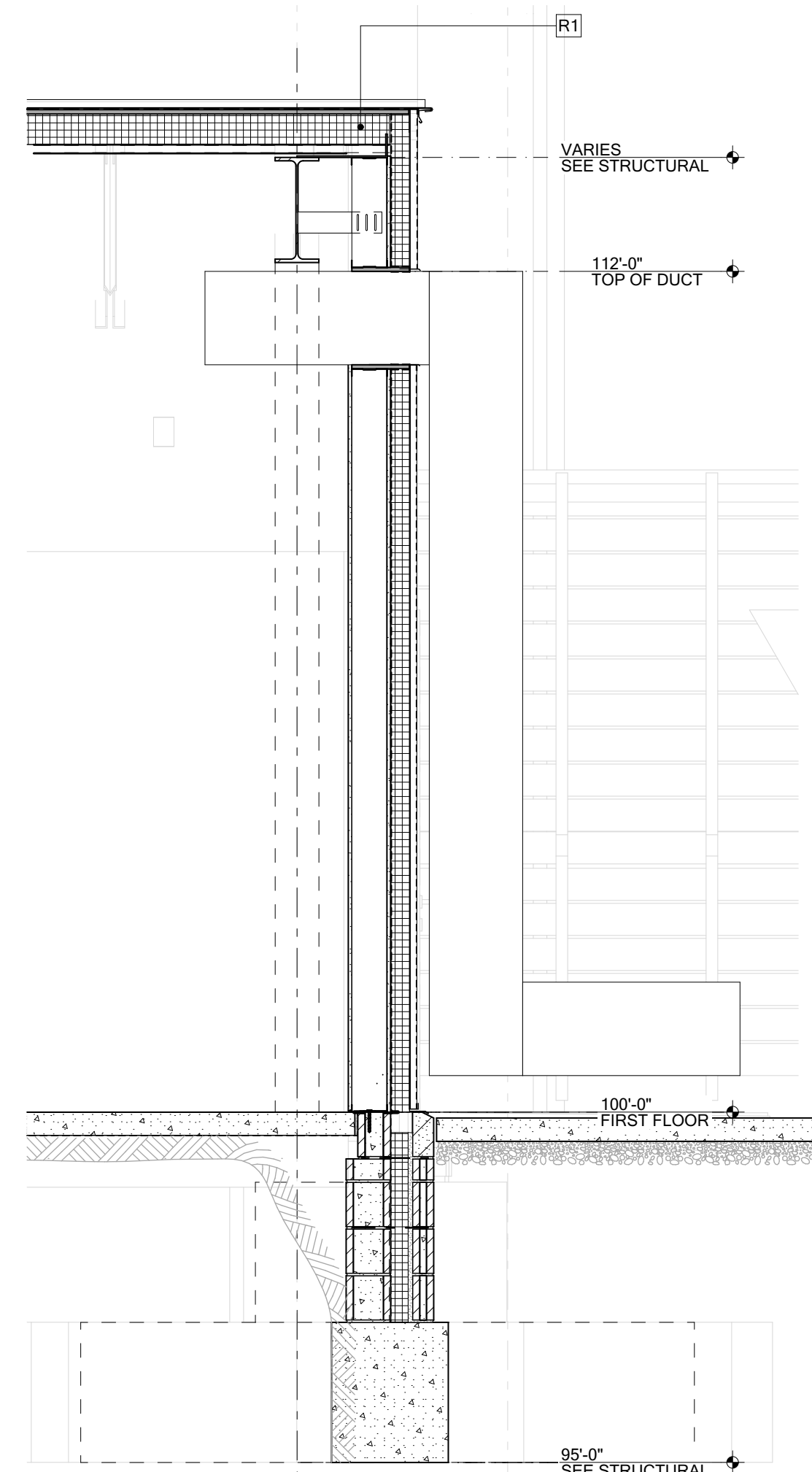
DETAIL
SCALE: 1 1/2"= 1'-0"



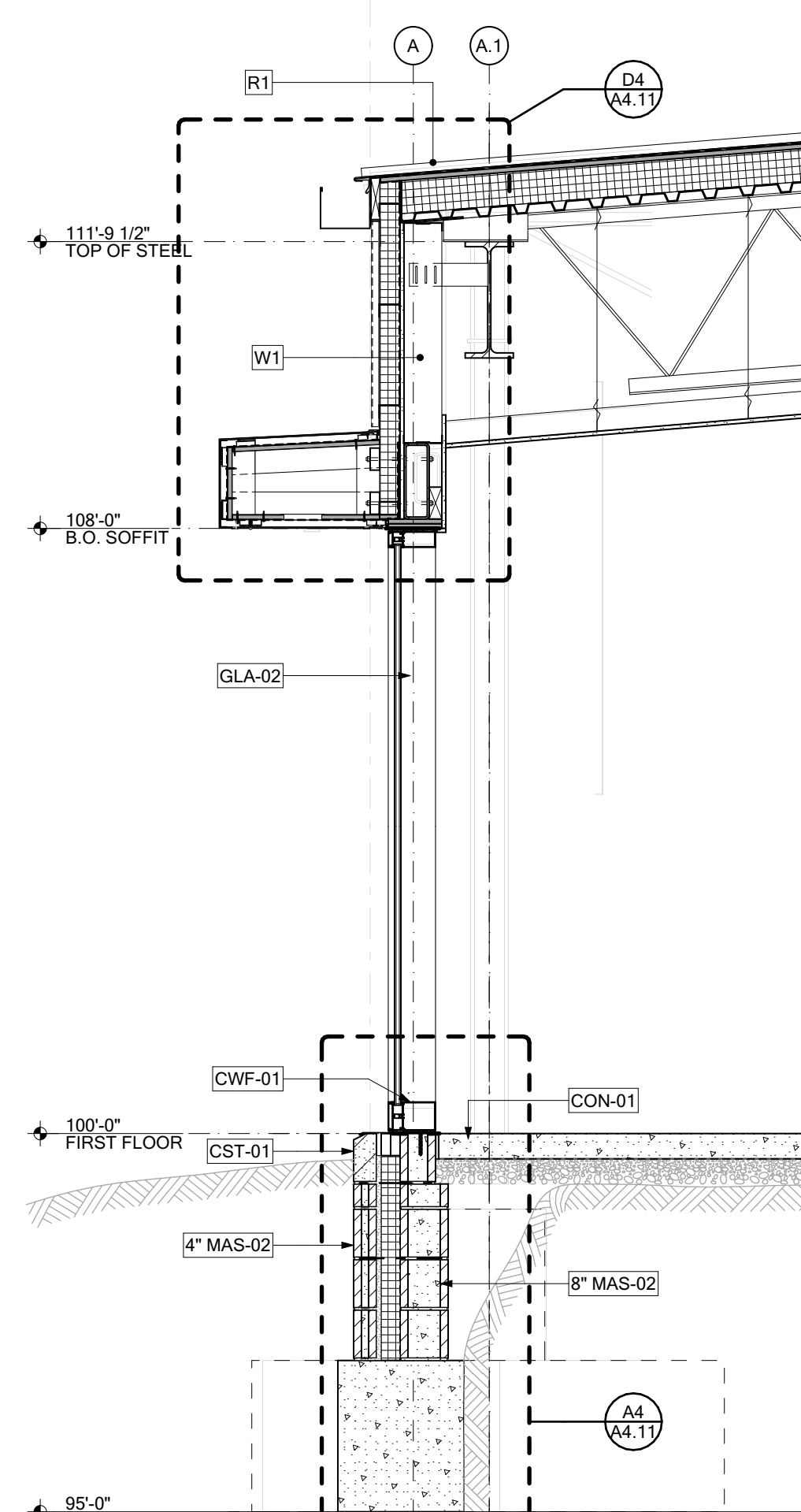
(R1) ROOF TYPE - STANDING SEAM METAL



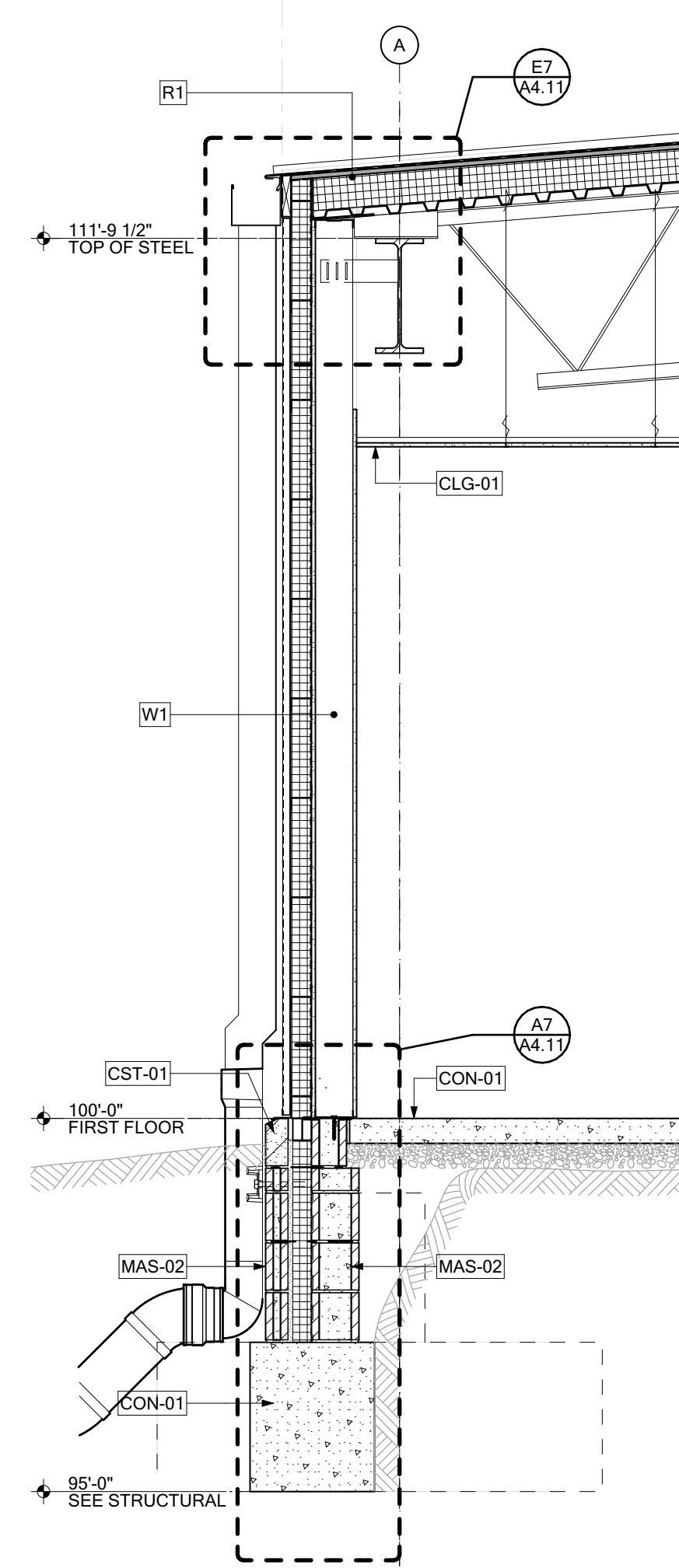
(W1) WALL TYPE – METAL PANEL ON METAL STUDS



D2 WALL SECTION
SCALE: 1/2" = 1'-0"



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



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

SECTION 061600 - SHEATHING

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Exterior wall sheathing.
- B. Roof sheathing.
- C. Sheathing joint and penetration treatment.

1.2 RELATED REQUIREMENTS

- A. Section 061000 - Rough Carpentry: Wood panels for miscellaneous blocking and mounting boards.
- B. Section 092900 - Gypsum Board: Interior gypsum panels.

1.3 SUBMITTALS

- A. See Section 013000 - Administrative Requirements, for submittal procedures.
- B. Product Data: For each type of process and factory-fabricated product.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Stack panels flat with spacers beneath and between each bundle to provide air circulation. Protect sheathing from weather by covering with waterproof sheeting, securely anchored. Provide for air circulation around stacks and under coverings.

PART 2 PRODUCTS

2.1 PRESERVATIVE-TREATED PLYWOOD

- A. Preservative Treatment by Pressure Process: AWPA U1; Use Category UC2 for interior construction not in contact with ground, Use Category UC3b for exterior construction not in contact with ground, and Use Category UC4a for items in contact with ground.
- B. Mark plywood with appropriate classification marking of an inspection agency acceptable to authorities having jurisdiction.
- C. Application:
 - 1. Treat items indicated on Drawings.
 - 2. Treat plywood in contact with masonry or concrete or used with roofing, flashing, vapor barriers, and waterproofing.

2.2 FIRE-RETARDANT-TREATED PLYWOOD

- A. General: Where fire-retardant-treated materials are indicated, use materials complying with requirements in this article that are acceptable to authorities having jurisdiction and with fire-test-response characteristics specified as determined by testing identical products per test method indicated by a qualified testing agency.
- B. Fire-Retardant-Treated Plywood by Pressure Process: Products with a flame-spread index of 25 or less when tested according to ASTM E 84, and with no evidence of significant progressive combustion when the test is extended an additional 20 minutes, and with the flame front not extending more than 10.5 feet beyond the centerline of the burners at any time during the test.
 - 1. Exterior Type: Treated materials shall comply with requirements specified above for fire-retardant-treated plywood by pressure process after being subjected to accelerated weathering according to ASTM D 2898. Use for exterior locations and where indicated.
 - 2. Interior Type A: Treated materials shall have a moisture content of 28 percent or less when tested according to ASTM D 3201/D 3201M at 92 percent relative humidity. Use where exterior type is not indicated.
 - 3. Design Value Adjustment Factors: Treated lumber plywood shall be tested according to ASTM D 5516 and design value adjustment factors shall be calculated according to ASTM D 6305. Span ratings after treatment shall be not less than span ratings specified. For roof sheathing and where high-temperature fire-retardant treatment is indicated, span ratings for temperatures up to 170 deg F shall be not less than span ratings specified.
- C. Kiln-dry material after treatment to a maximum moisture content of 15 percent.
- D. Identify fire-retardant-treated plywood with appropriate classification marking of qualified testing agency.
- E. Application:
 - 1. Treat plywood indicated on Drawings.

2.3 WALL SHEATHING

- A. Plywood Sheathing: Either DOC PS 1 or DOC PS 2, Exposure 1 APA rated sheathing.
 - 1. Span Rating: Not less than 16/0.
 - 2. Nominal Thickness: As indicated in drawings.

2.4 ROOF SHEATHING

- A. Nail Base Roof Sheathing: Wood construction panel laminated to insulation board.

1. Construction Panel: 3/4 inch (19 mm) CDX plywood.
2. Insulation Board: Polyisocyanurate foam plastic with cellulosic felt facer or glass fiber mat facer on major surface opposite construction panel.
3. Minimum R-Value: As indicated on Drawings.
4. Finished Panel: Comply with ASTM C1289, Type V.
5. Acceptable Manufacturers:
 - a. Hunter Panels; H-Shield NB: www.hunterpanels.com/#sle.
 - b. GAF; ThermaCal.
 - c. Atlas Roofing Corporation; ACFoam Nail Base.
 - d. Substitutions: See Section 016000 - Product Requirements.

2.5 FASTENERS

- A. General: Provide fasteners of size and type indicated that comply with requirements specified in this article for material and manufacture.
 1. Provide non-corrosive fasteners with hot-dip zinc coating complying with ASTM A 153/A 153M.
- B. Power-Driven Fasteners: Fastener systems with an evaluation report acceptable to authorities having jurisdiction, based on ICC-ES AC70.
- C. Screws for Fastening Wood Structural Panels to Cold-Formed Metal Framing: ASTM C 954, except with wafer heads and reamer wings, length as recommended by screw manufacturer for material being fastened.

2.6 SHEATHING JOINT-AND-PENETRATION TREATMENT MATERIALS

- A. As recommended by air barrier manufacturer.

PART 3 EXECUTION

3.1 INSTALLATION, GENERAL

- A. Do not use materials with defects that impair quality of sheathing or pieces that are too small to use with minimum number of joints or optimum joint arrangement. Arrange joints so that pieces do not span between fewer than three support members.
- B. Cut panels at penetrations, edges, and other obstructions of work; fit tightly against abutting construction unless otherwise indicated.
- C. Securely attach to substrate by fastening as indicated, complying with the following:

1. ICC-ES evaluation report for fastener.
- D. Coordinate sheathing installation with flashing and joint-sealant installation so these materials are installed in sequence and manner that prevent exterior moisture from passing through completed assembly.
- E. Do not bridge building expansion joints; cut and space edges of panels to match spacing of structural support elements.
- F. Wall Sheathing: Secure with long dimension perpendicular to wall studs, with ends over firm bearing and staggered, using screws.
- G. Coordinate sheathing installation with installation of materials installed over sheathing so sheathing is not exposed to precipitation or left exposed at end of the workday when rain is forecast.

3.2 WOOD STRUCTURAL PANEL INSTALLATION

- A. General: Comply with applicable recommendations in APA Form No. E30, "Engineered Wood Construction Guide," for types of structural-use panels and applications indicated.
- B. Fastening Methods: Fasten panels as indicated below:
 1. Wall and Roof Sheathing:
 - a. Screw to cold-formed metal framing.
 - b. Space panels 1/8 inch apart at edges and ends.

3.3 NAIL BASE SHEATHING

- A. Comply with manufacturer's written instructions.
- B. Install in exterior spaces without gaps or voids. Do not compress insulation.
- C. Trim insulation neatly to fit spaces. Insulate miscellaneous gaps and voids.
- D. Fit insulation tight in spaces and tight to exterior side of mechanical and electrical services within plane of insulation.
- E. Exposed insulation must be protected from open flame and kept dry at all times.
- F. Fasten composite insulation securely to the structural base. Contact nail base sheathing manufacturer for fastening pattern requirements.
- G. Do not leave nail base sheathing exposed for more than 45 days without adequate protection. Follow manufacturer's written instructions to protect exposed foam surfaces including corners, and openings, with a compatible waterproof tape where required.

END OF SECTION 061600

SECTION 080671 – DOOR HARDWARE SCHEDULE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section references specification sections relating to commercial door hardware for the following:
 - 1. Swinging doors.
 - 2. Sliding Doors.
 - 3. Other doors to the extent indicated.
- B. Commercial door hardware includes, but is not necessarily limited to, the following:
 - 1. Mechanical door hardware.
 - 2. Electromechanical and access control door hardware.
 - 3. Electromechanical and access control door hardware power supplies, back-ups and surge protection.
 - 4. Automatic operators.
 - 5. Cylinders specified for doors in other sections.
- C. Related Sections:
 - 1. Division 08 Section “Door Hardware”.
 - 2. Division 08 Section “Automatic Door Operators”.
 - 3. Division 28 Section “Access Control Hardware Devices”.
- D. Codes and References: Comply with the version year adopted by the Authority Having Jurisdiction.
 - 1. ANSI A117.1 - Accessible and Usable Buildings and Facilities.
 - 2. ICC/IBC - International Building Code.
 - 3. NFPA 70 - National Electrical Code.
 - 4. NFPA 80 - Fire Doors and Windows.
 - 5. NFPA 101 - Life Safety Code.
 - 6. NFPA 105 - Installation of Smoke Door Assemblies.
 - 7. State Building Codes, Local Amendments.

- E. Standards: Reference Related Sections for requirements regarding compliance with applicable industry standards.

1.3 SUBMITTALS

- A. Product Data: Manufacturer's product data sheets including installation details, material descriptions, dimensions of individual components and profiles, operational descriptions and finishes.
- B. Door Hardware Schedule: Prepared by or under the supervision of supplier, detailing fabrication and assembly of door hardware, as well as procedures and diagrams. Coordinate the final Door Hardware Schedule with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.
 - 1. Format: Comply with scheduling sequence and vertical format in DHI's "Sequence and Format for the Hardware Schedule."
 - 2. Organization: Organize the Door Hardware Schedule into door hardware sets indicating complete designations of every item required for each door or opening. Organize door hardware sets in same order as in the Door Hardware Sets at the end of Part 3. Submittals that do not follow the same format and order as the Door Hardware Sets will be rejected and subject to resubmission.
 - 3. Content: Include the following information:
 - a. Type, style, function, size, label, hand, and finish of each door hardware item.
 - b. Manufacturer of each item.
 - c. Fastenings and other pertinent information.
 - d. Location of door hardware set, cross-referenced to Drawings, both on floor plans and in door and frame schedule.
 - e. Explanation of abbreviations, symbols, and codes contained in schedule.
 - f. Mounting locations for door hardware.
 - g. Door and frame sizes and materials.
 - 4. Submittal Sequence: Submit the final Door Hardware Schedule at earliest possible date, particularly where approval of the Door Hardware Schedule must precede fabrication of other work that is critical in the Project construction schedule. Include Product Data, Samples, Shop Drawings of other work affected by door hardware, and other information essential to the coordinated review of the Door Hardware Schedule.
- C. Keying Schedule: Prepared under the supervision of the Owner, separate schedule detailing final keying instructions for locksets and cylinders in writing. Include keying system explanation, door numbers, key set symbols, hardware set numbers and special instructions. Owner to approve submitted keying schedule prior to the ordering of permanent cylinders.
- D. Product Test Reports: Indicating compliance with cycle testing requirements, based on evaluation of comprehensive tests performed by manufacturer and witnessed by a qualified independent testing agency.

- E. Operating and Maintenance Manuals: Provide manufacturers operating and maintenance manuals for each item comprising the complete door hardware installation in quantity as required in Division 01, Closeout Submittals. The manual to include the name, address, and contact information of the manufacturers providing the hardware and their nearest service representatives. The final copies delivered after completion of the installation test to include "as built" modifications made during installation, checkout, and acceptance.
- F. Warranties and Maintenance: Special warranties and maintenance agreements specified in the Related Sections.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Inventory door hardware on receipt and provide secure lock-up and shelving for door hardware delivered to Project site. Do not store electronic access control hardware, software or accessories at Project site without prior authorization.
- B. Tag each item or package separately with identification related to the final Door Hardware Schedule, and include basic installation instructions with each item or package.
- C. Deliver, as applicable, permanent keys, cylinders, cores, access control credentials, software and related accessories directly to Owner via registered mail or overnight package service. Instructions for delivery to the Owner shall be established at the "Keying Conference".

1.5 WARRANTY

- A. General Warranty: Reference Division 01, General Requirements. Special warranties specified in this Article shall not deprive Owner of other rights Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.

1.6 MAINTENANCE SERVICE

- A. Maintenance Tools and Instructions: Furnish a complete set of specialized tools and maintenance instructions as needed for Owner's continued adjustment, maintenance, and removal and replacement of door hardware.

PART 2 - PRODUCTS

2.1 SCHEDULED DOOR HARDWARE

- A. Refer to "PART 3 – EXECUTION" for required specification sections.

PART 3 - EXECUTION

3.1 DOOR HARDWARE SETS

- A. The door hardware sets represent the design intent and direction of the owner and architect. They are a guideline only and should not be considered a detailed hardware schedule. Discrepancies, conflicting hardware and missing items should be brought to the attention of the architect with corrections made prior to the bidding process. Omitted items not included in a hardware set should be scheduled with the appropriate additional hardware required for proper application and functionality.
 - 1. Quantities listed are for each pair of doors, or for each single door.
 - 2. The supplier is responsible for handling and sizing all products.
 - 3. Where multiple options for a piece of hardware are given in a single line item, the supplier shall provide the appropriate application for the opening.
 - 4. At existing openings with new hardware the supplier shall field inspect existing conditions prior to the submittal stage to verify the specified hardware will work as required. Provide alternate solutions and proposals as needed.
- B. Products listed in the hardware sets shall be supplied by and in accordance with the requirements described in the specification section as noted for each item.
 - 1. Section 08 71 00 – Door Hardware.
 - 2. Section 08 71 13 – Automatic Door Operators.
 - 3. Section 28 15 00 – Access Control Hardware Devices.
- C. Manufacturer's Abbreviations:
 - 1. MK - McKinney
 - 2. PE - Pemko
 - 3. MR - Markar
 - 4. SU - Securitron
 - 5. RO - Rockwood
 - 6. RU - Corbin Russwin
 - 7. RI - RITE Door
 - 8. AD - Adams Rite
 - 9. SA - SARGENT
 - 10. HS - HES
 - 11. RF - Rixson
 - 12. NO - Norton
 - 13. HI - Hiawatha
 - 14. OT - Other
 - 15. YA - ASSA ABLOY ACCENTRA

Hardware Sets

Set: 1.0

Doors: C001-1

2 Continuous Hinge	CFM__SLF-HD1 PT		PE	087100	
2 Electric Power Transfer	EL-CEPT	630	SU	087100	⚡
1 Concealed Vert Rod Exit	PED5859 PED159 MELR M52 M92 CT6SB	630	RU	087100	⚡
1 Concealed Vert Rod Exit	PED5810 EO MELR M52 M92 CT6SB	630	RU	087100	⚡
3 Keyed Cylinder	Match Existing Key System	US32D	SA	087100	
2 Door Pull	RM201 Mtg-Type 12XHD	US32D	RO	087100	
2 Conc Overhead Stop	1-X36	630	RF	087100	
1 Surface Closer	DC6220 (Top Jamb Mount)	689	RU	087100	
1 Automatic Opener	6300 Series	689	NO	087100	⚡
1 Rain Guard	346C TKSP		PE	087100	
1 Gasketing	By Door Supplier		OT		
2 Door Sweep	3452CNB TKSP		PE	087100	
1 Threshold	253x3AFG MSES25SS		PE	087100	
2 ElectroLynx Frame Harness	QC-C1500P		MK	087100	⚡
1 Wiring Diagram	WD-SYSPK (Point to Point & Riser)		YA	087100	
1 Card Reader	By Security Integrator		OT		
2 ElectroLynx Door Harness	QC-C***P x Length as required		MK	087100	⚡
2 Door Position Switch	DPS-M-BK		SU	087100	⚡
2 Door Switch	505		NO	087100	⚡
1 Power Supply	AQD4-8C8R2		SU	087100	⚡

Notes: Operational Narrative:

1. Doors normally closed and secure.
2. Authorized access by card reader retracting exit device latches for predetermined time limit. Exit device latches can be electrically held retracted for open access.
3. ADA access by actuator switch. In locked condition, actuator energized only upon valid card reader presentation.
4. Egress free for immediate exit. ADA egress by actuator switch.
5. REX switch in push rail allows authorized exit without alarm condition.
6. Door position switches monitor open/closed status.
7. Exit device latches release (fail secure) in event of power loss. Keyed cylinder override for emergency access.

Set: 2.0

Doors: C001-2

2 Continuous Hinge	CFM__SLF-HD1 PT		PE	087100	
2 Electric Power Transfer	EL-CEPT	630	SU	087100	⚡
1 Concealed Vert Rod Exit	PED5859 PED159 MELR M52 M92 CT6SB	630	RU	087100	⚡
1 Concealed Vert Rod Exit	PED5810 EO MELR M52 M92 CT6SB	630	RU	087100	⚡
3 Keyed Cylinder	Match Existing Key System	US32D	SA	087100	
2 Door Pull	RM201 Mtg-Type 12XHD	US32D	RO	087100	
2 Conc Overhead Stop	1-X36	630	RF	087100	
1 Surface Closer	DC6220 (Top Jamb Mount)	689	RU	087100	
1 Automatic Opener	6300 Series	689	NO	087100	⚡
1 Gasketing	By Door Supplier		OT		
2 ElectroLynx Frame Harness	QC-C1500P		MK	087100	⚡
1 Wiring Diagram	WD-SYSPK (Point to Point & Riser)		YA	087100	
1 Card Reader	By Security Integrator		OT		
2 ElectroLynx Door Harness	QC-C***P x Length as required		MK	087100	⚡
2 Door Position Switch	DPS-M-BK		SU	087100	⚡
2 Door Switch	505		NO	087100	⚡
1 Power Supply	AQD4-8C8R2		SU	087100	⚡

Notes: Operational Narrative:

1. Doors normally closed and secure.
2. Authorized access by card reader retracting exit device latches for predetermined time limit. Exit device latches can be electrically held retracted for open access.
3. ADA access by actuator switch. In locked condition, actuator energized only upon valid card reader presentation.
4. Egress free for immediate exit. ADA egress by actuator switch.
5. REX switch in push rail allows authorized exit without alarm condition.
6. Door position switches monitor open/closed status.
7. Exit device latches release (fail secure) in event of power loss. Keyed cylinder override for emergency access.

Set: 3.0

Doors: 006-2, C003-2

1 Continuous Hinge	CFM__HD1		PE	087100	
1 Rim Exit Device	PED5257 N957PT CT6SB	630C	RU	087100	
2 Keyed Cylinder	Match Existing Key System	US32D	SA	087100	
1 SMART Pac Bridge Rectifier	2005M3		HS	087100	⚡
1 ElectroLynx Adaptor	2004M		HS	087100	⚡
1 Electric Strike	9600-LBM	630	HS	087100	⚡
1 Conc Overhead Stop	1-X36	630	RF	087100	
1 Surface Closer	DC6210 A3	689	RU	087100	
1 Kick Plate	K1050 10" H. x CSK BEV	US32D	RO	087100	
1 Rain Guard	346C TKSP		PE	087100	
1 Gasketing	303AV TKSP x Head and Jambs		PE	087100	
1 Door Sweep	3452CNB TKSP		PE	087100	
1 Threshold	253x3AFG MSES25SS		PE	087100	
1 ElectroLynx Frame Harness	QC-C1500P		MK	087100	⚡
1 Wiring Diagram	WD-SYSPK (Point to Point & Riser)		YA	087100	
1 Card Reader	By Security Integrator		OT		
1 Door Position Switch	DPS-M-BK		SU	087100	⚡
1 Power Supply	AQD4-8C8R2		SU	087100	⚡

Notes: Operational Narrative:

1. Door normally closed and secure.
2. Authorized access by card reader releasing electric strike. Strike can remain released for open access.
3. Egress free for immediate exit.
4. Electric strike latch bolt switch monitors door open/closed/latched status.
5. Electric strike remains locked (fail secure) in event of power loss. Keyed cylinder override for emergency access.

Set: 4.0

Doors: 008-2, 016-2, 018-1, 018-2, 018-3, 018-4

2 Continuous Hinge	CFM__HD1		PE	087100	
1 Removable Mullion	CR972KM		RU	087100	
2 Rim Exit Device	PED5257 N957PT CT6SB	630C	RU	087100	
3 Keyed Cylinder	Match Existing Key System	US32D	SA	087100	
2 SMART Pac Bridge Rectifier	2005M3		HS	087100	⚡
2 ElectroLynx Adaptor	2004M		HS	087100	⚡
2 Electric Strike	9600-LBM	630	HS	087100	⚡
2 Conc Overhead Stop	1-X36	630	RF	087100	
2 Surface Closer	DC6210 A3	689	RU	087100	
2 Kick Plate	K1050 10" H. x CSK BEV	US32D	RO	087100	
1 Rain Guard	346C TKSP		PE	087100	
1 Gasketing	303AV TKSP x Head and Jambs		PE	087100	
2 Door Sweep	3452CNB TKSP		PE	087100	
1 Threshold	253x3AFG MSES25SS		PE	087100	
2 ElectroLynx Frame Harness	QC-C1500P		MK	087100	⚡
1 Wiring Diagram	WD-SYSPK (Point to Point & Riser)		YA	087100	
1 Card Reader	By Security Integrator		OT		
2 Door Position Switch	DPS-M-BK		SU	087100	⚡
1 Power Supply	AQD4-8C8R2		SU	087100	⚡

Notes: Operational Narrative:

1. Door normally closed and secure.
2. Authorized access by card reader releasing electric strike. Strike can remain released for open access.
3. Egress free for immediate exit.
4. Electric strike latch bolt switch monitors door open/closed/latched status.
5. Electric strike remains locked (fail secure) in event of power loss. Keyed cylinder override for emergency access.

Set: 5.0

Doors: 016-3, 017-1, 018-5

1 Hardware	By Door Supplier	OT
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Set: 6.0

Doors: 007, 008-1, 009, 014-2, 015-1, 015-2, 016-1, 017-2, C003-1

4 Hinge, Full Mortise	TA2714 (NRP)	US26D	MK	087100
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1 Storeroom Lock	ML2057 NSA CT6SB	626	RU	087100	
1 Keyed Cylinder	Match Existing Key System	US32D	SA	087100	
1 Electric Strike	1600-CS-LMS	630	HS	087100	⚡
1 SMART Pac Bridge Rectifier	2005M3		HS	087100	⚡
1 ElectroLynx Adaptor	2004M		HS	087100	⚡
1 Surface Closer	DC6210 (or) DC6200	689	RU	087100	
1 Kick Plate	K1050 10" H. x CSK BEV	US32D	RO	087100	
1 Wall Stop	406	US32D	RO	087100	
3 Silencer	608-RKW		RO	087100	
1 ElectroLynx Frame Harness	QC-C1500P		MK	087100	⚡
1 Wiring Diagram	WD-SYSPK (Point to Point & Riser)		YA	087100	
1 Card Reader	By Security Integrator		OT		
1 Door Position Switch	DPS-M-BK		SU	087100	⚡
1 Power Supply	AQD4-8C8R2		SU	087100	⚡

Notes: Operational Narrative:

1. Door normally closed and secure.
2. Authorized access by card reader releasing electric strike. Strike can remain released for open access.
3. Egress free for immediate exit.
4. Electric strike latch bolt switch monitors door open/closed/latched status.
5. Electric strike remains locked (fail secure) in event of power loss. Keyed cylinder override for emergency access.

Set: 7.0

Doors: 014-1

4 Hinge, Full Mortise	TA2714 (NRP)	US26D	MK	087100	
1 Access Control Mort Lock	IN100-ML20234 MB NSA BIPS	626	RU	281500	⚡

	CT6SB			
1 Keyed Cylinder	Match Existing Key System	US32D	SA	087100
1 Surface Closer	DC6210 (or) DC6200	689	RU	087100
1 Kick Plate	K1050 10" H. x CSK BEV	US32D	RO	087100
1 Wall Stop	406	US32D	RO	087100

Notes: Operational Narrative:

1. Door normally closed and secure.
2. Authorized access by card reader unlocking lever trim for a predetermined time limit.
3. Egress free for immediate exit.
5. Mortise lock REX switch allows authorized exit without alarm condition.
4. Door position switch installed above lock faceplate and connects to lock electronics monitoring open/closed status.
5. Lockset remains locked (fail secure) in event of power loss. Keyed cylinder override for emergency access.

Set: 8.0

Doors: 001, 002, 003, 004, 005, 006-1

4 Hinge, Full Mortise	TA2714 (NRP)	US26D	MK	087100	
1 Access Control Mort Lock	IN100-ML20234 MB NSA BIPS CT6SB	626	RU	281500	⚡
1 Keyed Cylinder	Match Existing Key System	US32D	SA	087100	
1 Wall Stop	406	US32D	RO	087100	
3 Silencer	608-RKW		RO	087100	

Notes: Operational Narrative:

1. Door normally closed and secure.
2. Authorized access by card reader unlocking lever trim for a predetermined time limit.
3. Egress free for immediate exit.
5. Mortise lock REX switch allows authorized exit without alarm condition.
4. Door position switch installed above lock faceplate and connects to lock electronics monitoring open/closed status.
5. Lockset remains locked (fail secure) in event of power loss. Keyed cylinder override for emergency access.

Set: 9.0

Doors: 019

8 Hinge, Full Mortise	TA2714 (NRP)	US26D	MK	087100	
1 Electric Power Transfer	EL-CEPT	630	SU	087100	⚡

1 Flush Bolt	555-24	US26D	RO	087100	
1 Flush Bolt	555	US26D	RO	087100	
1 Storeroom Lock	ML2057 NSA CT6SB	626	RU	087100	
1 Keyed Cylinder	Match Existing Key System	US32D	SA	087100	
1 Electric Strike	1600-CS-LMS	630	HS	087100	⚡
1 SMART Pac Bridge Rectifier	2005M3		HS	087100	⚡
1 ElectroLynx Adaptor	2004M		HS	087100	⚡
2 Surface Closer	DC6210 A11	689	RU	087100	
2 Kick Plate	K1050 10" H. x CSK BEV	US32D	RO	087100	
2 Silencer	608-RKW		RO	087100	
1 ElectroLynx Frame Harness	QC-C1500P		MK	087100	⚡
1 Wiring Diagram	WD-SYSPK (Point to Point & Riser)		YA	087100	
1 Card Reader	By Security Integrator		OT		
1 ElectroLynx Door Harness	QC-C***P x Length as required		MK	087100	⚡
2 Door Position Switch	DPS-M-BK		SU	087100	⚡
1 Power Supply	AQD4-8C8R2		SU	087100	⚡

Notes: Operational Narrative:

1. Door normally closed and secure.
2. Authorized access by card reader releasing electric strike. Strike can remain released for open access.
3. Egress free for immediate exit.
4. Electric strike latch bolt switch monitors door open/closed/latched status.
5. Electric strike remains locked (fail secure) in event of power loss. Keyed cylinder override for emergency access.

Set: 10.0

Doors: C002

2 Continuous Hinge	FM200 8'0 CTP	630	MR	087100	
2 Electric Power Transfer	EL-CEPT	630	SU	087100	⚡
2 Recessed Exit	D3676 LR M1 D3655-02	US32D	RI	081700	⚡

1 Exit Device Trim	3080 03-Square 3	US32D	AD	087100	
3 Keyed Cylinder	Match Existing Key System	US32D	SA	087100	
2 Surface Closer	D-DC-351P9 x Hold Open	EN	RI	081700	
2 Kick Plate	KP-Metal 10" H. x Bevel 4 Edges Countersunk Holes	US32D	HI	087100	
2 Wall Stop	406	US32D	RO	087100	
2 Silencer	608-RKW		RO	087100	
1 ElectroLynx Frame Harness	QC-C1500P		MK	087100	⚡
1 Wiring Diagram	WD-SYSPK (Point to Point & Riser)		YA	087100	
1 Card Reader	By Security Integrator		OT		
2 ElectroLynx Door Harness	QC-C***P x Length as required		MK	087100	⚡
2 Door Position Switch	DPS-M-BK		SU	087100	⚡
1 Power Supply	AQD4-8C8R2		SU	087100	⚡

Notes: Notes: Operational Narrative:

1. Doors normally closed and secure with the ability to be held open during certain times of the day.
2. Authorized access by card reader retracting exit device latches for predetermined time limit. Exit device latches can be electrically held retracted for open access.
3. Egress free for immediate exit.
4. REX switch in push rail allows authorized exit without alarm condition.
5. Door position switches monitor open/closed status.
6. Exit device latches release (fail secure) in event of power loss. Keyed cylinder override for emergency access.

Set: 11.0

Doors: 010

4 Hinge, Full Mortise	TA2714 (NRP)	US26D	MK	087100	
1 Privacy Lock (w/Indicator)	ML2020 NSA V21	626	RU	087100	
1 Surface Closer	DC6210 (or) DC6200	689	RU	087100	
1 Kick Plate	K1050 10" H. x CSK BEV	US32D	RO	087100	
1 Mop Plate	K1050 4" H. x CSK BEV	US32D	RO	087100	
1 Wall Stop	406	US32D	RO	087100	
3 Silencer	608-RKW		RO	087100	

Set: 12.0

Doors: 011

4 Hinge, Full Mortise	TA2714 (NRP)	US26D	MK	087100	
1 Privacy Lock (w/Indicator)	ML2020 NSA V21	626	RU	087100	
1 Surface Closer	DC6210 A11	689	RU	087100	

1 Kick Plate	K1050 10" H. x CSK BEV	US32D	RO	087100
3 Silencer	608-RKW		RO	087100

Set: 13.0

Doors: 012, 013

4 Hinge, Full Mortise	TA2714 (NRP)	US26D	MK	087100
1 Pull Plate	BF 110x70C	US32D	RO	087100
1 Push Plate	70C-RKW	US32D	RO	087100
1 Surface Closer	DC6210 A11	689	RU	087100
1 Kick Plate	K1050 10" H. x CSK BEV	US32D	RO	087100
3 Silencer	608-RKW		RO	087100

END OF SECTION 080671

RFI detail

#28 Accessory Schedule



Status	Closed
Created on	Mar 21, 2025 by Matt Moser (WOLGAST CORPORATION)
RFI type	Default RFI workflow
Ball in court	Matt Moser (WOLGAST CORPORATION)
Answered	Mar 27, 2025 by Dustin DeWitt (The Collaborative)

Question

The following items are in the Accessory Schedule but not called out on the plans:
(E) Napkin Disposal, (F) Diaper Change Station, (H) Waste Receptacle, (M) Mop Holder, (N) Seat Cover Dispenser, (P) Soap Dish, (R) Fixed shelf and (S) Napkin Dispenser.

Official response

Dustin DeWitt (The Collaborative): These items are not included in the project.
*By **Dustin DeWitt** (The Collaborative) - Mar 27, 2025, 3:03 PM EDT*

Impact

Cost impact	-
Schedule impact	-

Other attributes

Priority	Normal
Discipline	-
Category	-
Location	-
Location details	-

External id	-
Co-reviewer(s)	
Spec Section	-
Construction Phase	Pre-Bid

CLARIFICATION REQUEST FORM

Date: 03/20/2025

Wolgast Clarification Request
#: _____

To: Wolgast Corporation
Matt Moser or **Christie Bigelow-Huver**
4835 Towne Centre Road, Suite 203
Saginaw, MI 48604
Phone (989) 790-9120, Fax (989) 790-9063

From: Sugar Construction, Inc.

Contractor Name

Jerry A. Brown

Contact Name

jerrybrown@sugarconstruction.com

Email Address

989-631-4154 Ext 6

Phone #

Fax #

Bid Division # and Name: 060000 General Trades

CSI Code (If Applicable): _____

Drawing #: A7.11 and A7.21

Detail or Item #: IWD1 wood ceiling

Reason for Request: ☐ More Detail Needed ☐ Engineering Clarification ☐ Alternate Proposal ☐ Other

Project: **Oscoda Area Schools 2024 Bond Program**

Site Location: **BP 2 Community Center**

ITEM(S) FOR CLARIFICATION OF BID: (Please use one form for each item)

Please review and respond to the following item(s) for clarification:

Detail (4) on drawing A7.11 refers to a wood ceiling IWD1. On drawing A7.21 it is called out
as Nydree, Maple T&G. We don't see a specification for it nor is it clear which trade is furnishing and
installing it. Is it Division 060000 or 091000?

RESPONSE:

☐ **ITEM TO BE INCLUDED IN ADDENDUM**

Construction Manager: _____

Signature

Date

Architect: _____

Signature

Date

END OF SECTION 00310

RFI detail

#30 Signage



Status	Closed
Created on	Mar 25, 2025 by Matt Moser (WOLGAST CORPORATION)
RFI type	Default RFI workflow
Ball in court	Matt Moser (WOLGAST CORPORATION)
Answered	Mar 27, 2025 by Dustin DeWitt (The Collaborative)

Question

Under specification 101400 Signage and Part 2.4 we are told to make the vinyl sign panels with seamed edges to fit over metal or pole type frames. The sign people are asking what those frames are to be, who is fabricating them and how are they stabilized?

Official response

Dustin DeWitt (The Collaborative): The intention was that they would be hung from cables then have poles in the btm and top to provide weight and stability. Who provides the poles is means and methods and can be discussed with Wolgast if the signage manufacturer does not provide them.

By **Dustin DeWitt** (The Collaborative) - Mar 27, 2025, 2:57 PM EDT

Impact

Cost impact	-
Schedule impact	-

Other attributes

Priority	Normal
Discipline	-
Category	-
Location	-

Location details	-
External id	-
Co-reviewer(s)	
Spec Section	-
Construction Phase	Pre-Bid

RFI detail

#31 Administration Entry Doors



Status	Closed
Created on	Mar 27, 2025 by Matt Moser (WOLGAST CORPORATION)
RFI type	Default RFI workflow
Ball in court	Matt Moser (WOLGAST CORPORATION)
Answered	Mar 31, 2025 by Dustin DeWitt (The Collaborative)

Question

The doors at the perimeter of the administration addition all swing out and are frames are therefore set to the outside face. Thehead/jamb detail for these are called out as H5 and J5 which are not a representation of the actual condition. They don't show the exterior metal panels or how they are to be trimmed.

Official response

Dustin DeWitt (The Collaborative): See B4/A2.00 for new jamb detail and updated door schedule
By *Dustin DeWitt (The Collaborative)* - Mar 31, 2025, 2:23 PM EDT

Impact

Cost impact	-
Schedule impact	-

Other attributes

Priority	Normal
Discipline	-
Category	-
Location	-

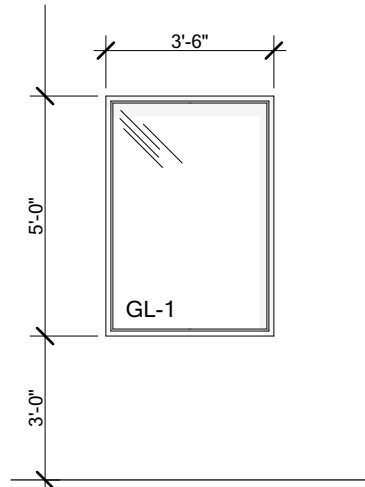
Location details	-
External id	-
Co-reviewer(s)	
Spec Section	-
Construction Phase	Pre-Bid

GLAZING GENERAL NOTES:

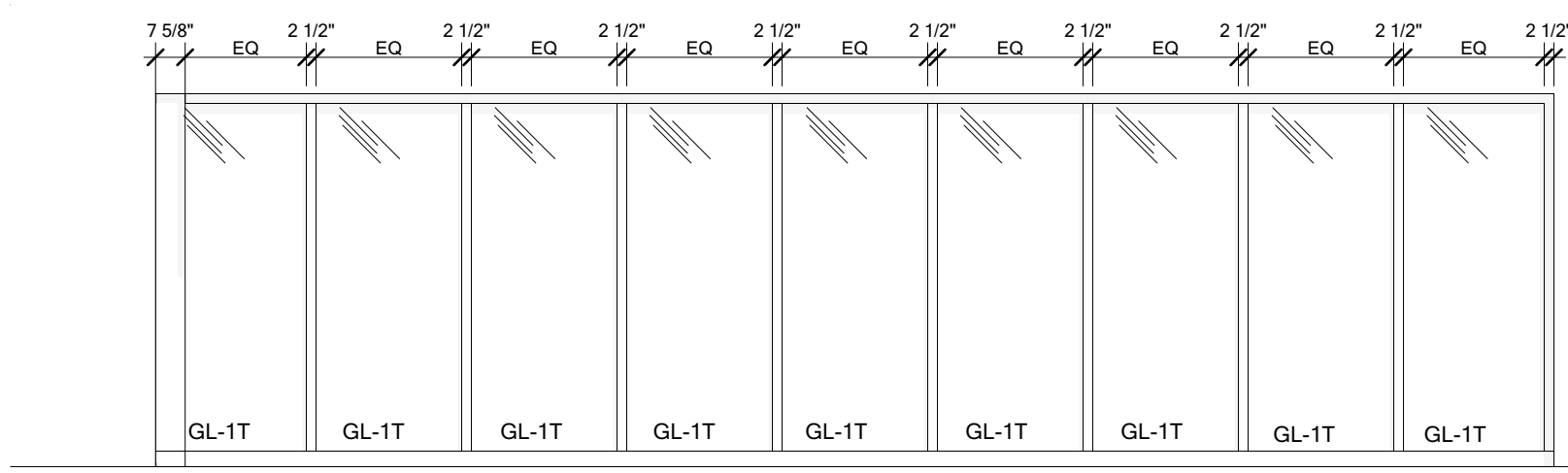
1. PROVIDE SAFETY GLAZING AT ALL LOCATIONS REQUIRED BY CODE.
2. REFER TO SPECIFICATIONS FOR DETAILED INFORMATION OF THE GLASS TYPES LISTED BELOW.

GLASS TYPES:

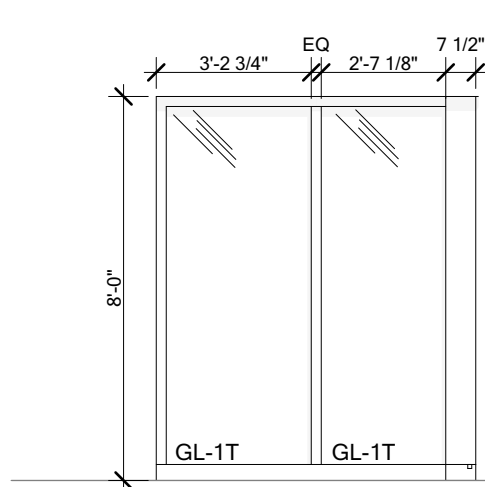
- GL-1 1" INSULATING GLASS UNIT
GL-1T 1" INSULATING GLASS UNIT (TEMPERED)
GL-2T 1/2" GLASS UNIT (TEMPERED)
GL-3T 1/4" GLASS UNIT (TEMPERED)



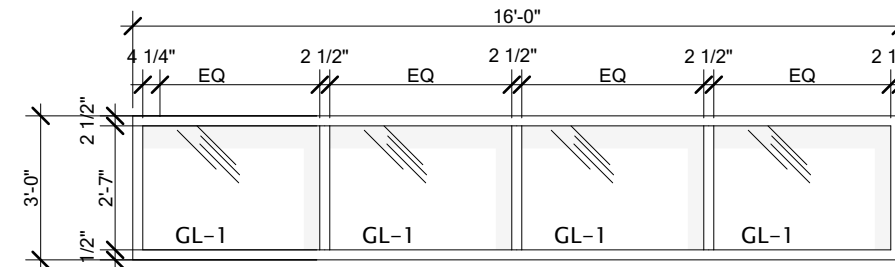
G9 SF-01 ELEVATION
SCALE: 1/4" = 1'-0"



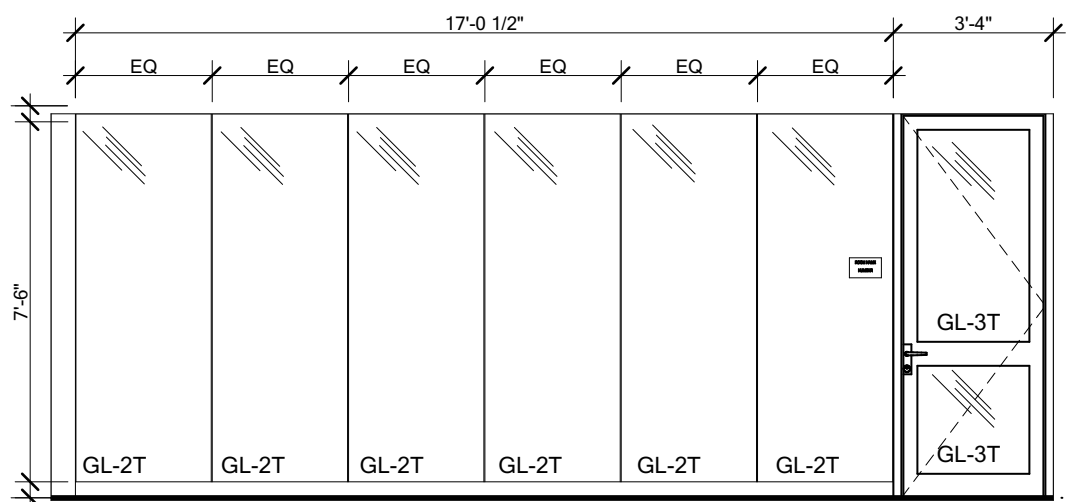
G6 SF-03A ELEVATION
SCALE: 1/4" = 1'-0"



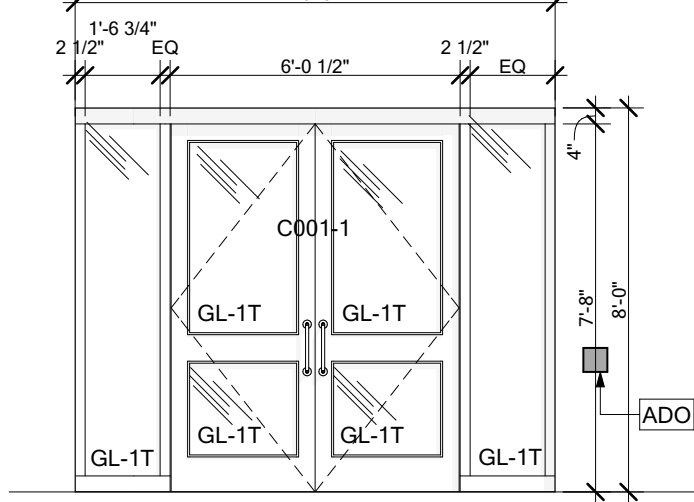
G5 SF-03B ELEVATION
SCALE: 1/4" = 1'-0"



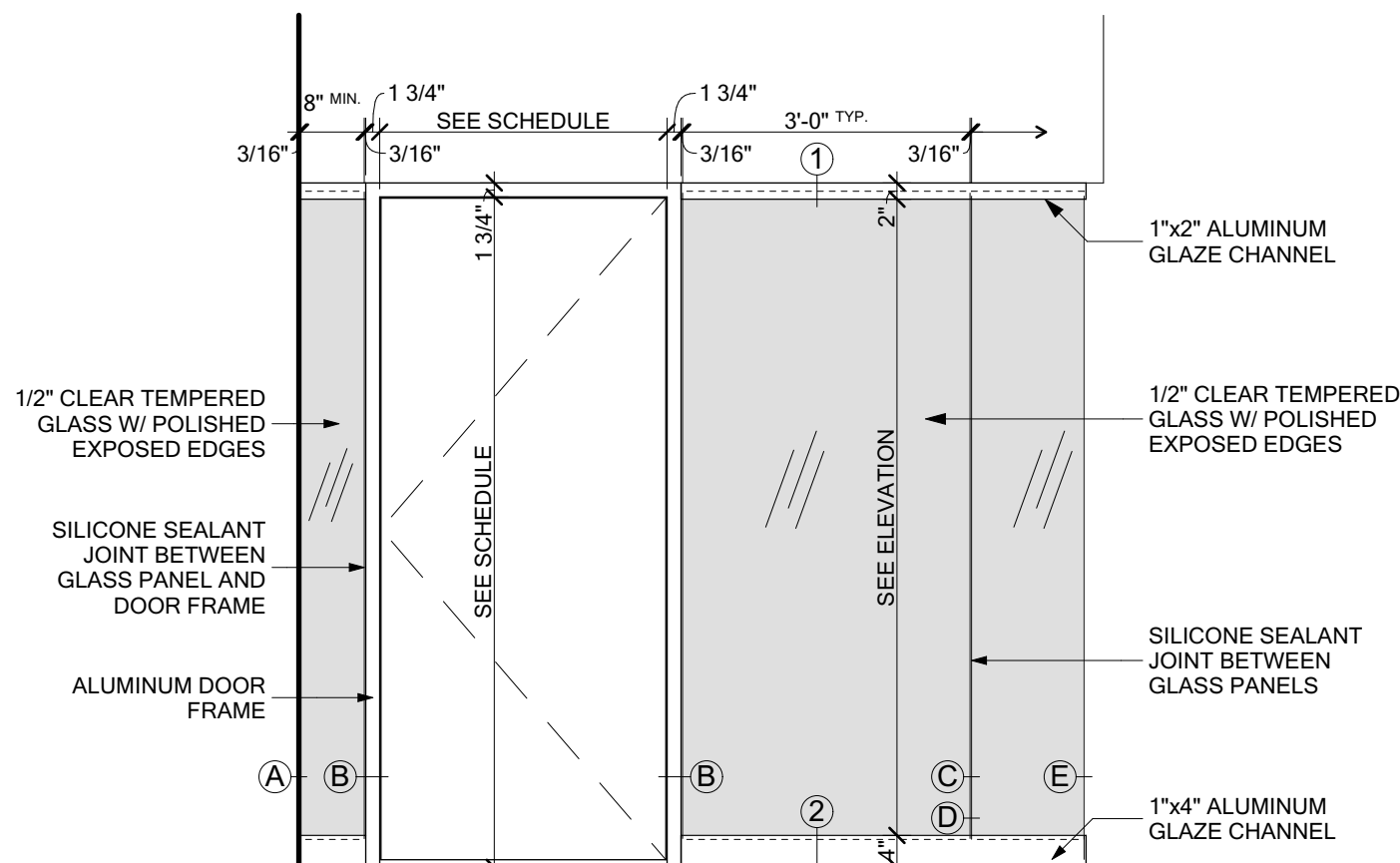
G3 SF-04 ELEVATION
SCALE: 1/4" = 1'-0"



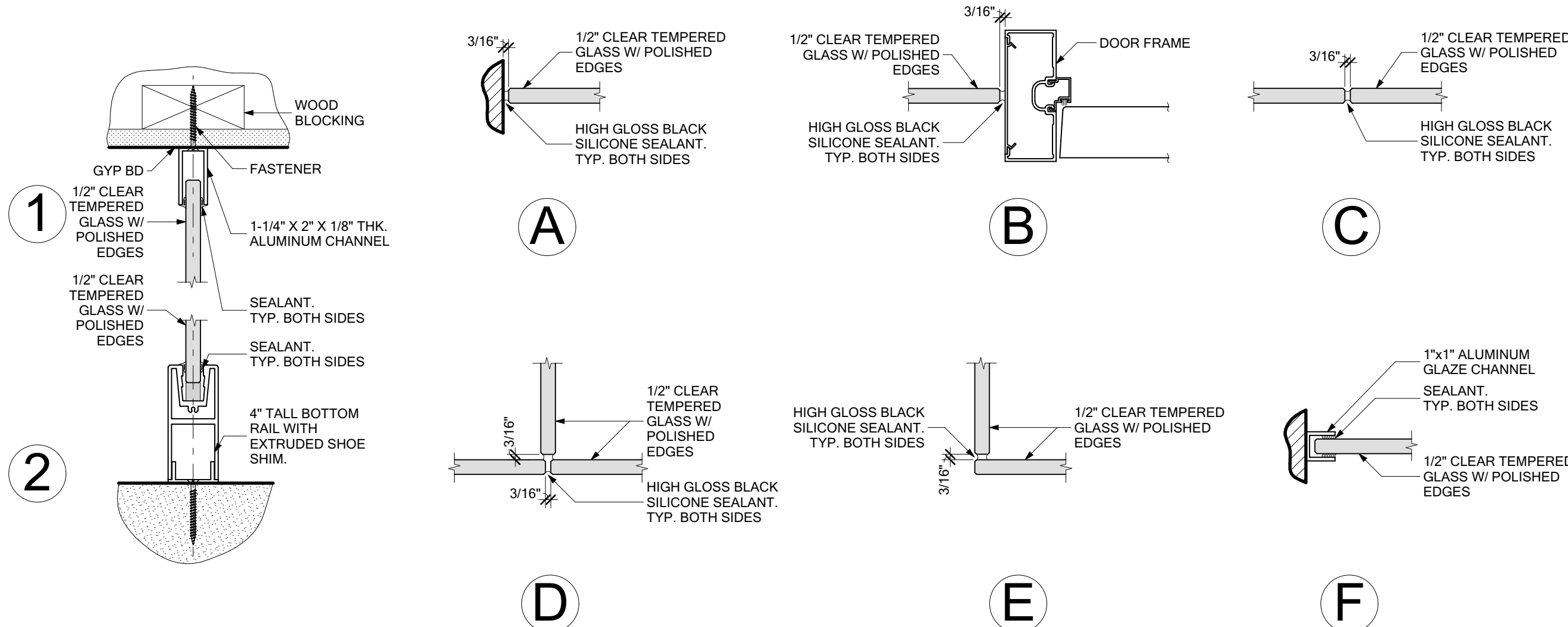
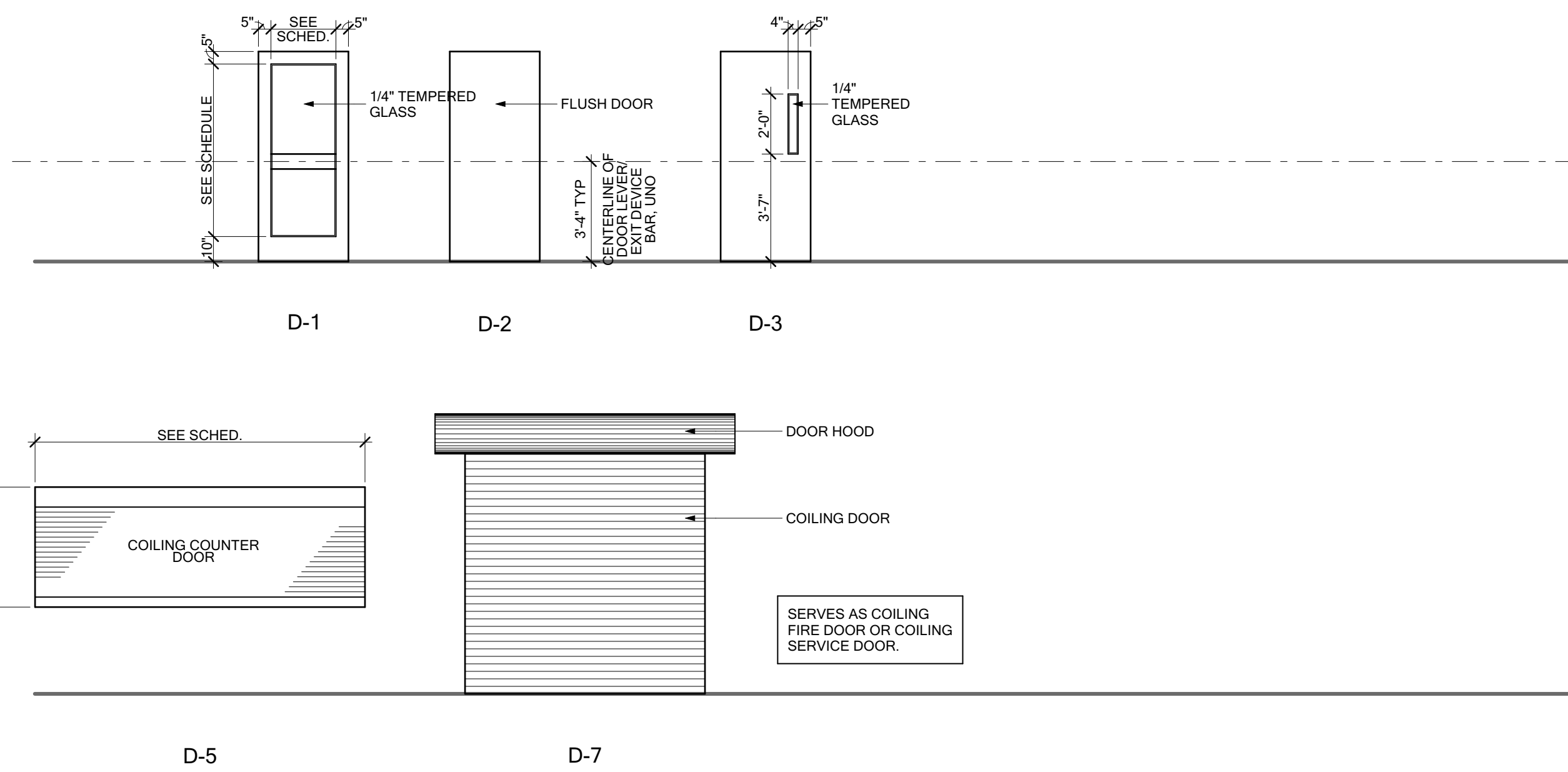
F8 IGW-01 ELEVATION
SCALE: 1/4" = 1'-0"



F7 SF-02A ELEVATION
SCALE: 1/4" = 1'-0"



E2 INTERIOR GLAZING DETAILS 1/2"
SCALE: 1/2" = 1'-0"



PROJECT TITLE
OSCODA AREA SCHOOLS

NEW COMMUNITY CENTER

3550 E River Rd,
Oscoda, MI, 48750

03 04/03/2025 ADDENDUM 03
03/14/2025 ADDENDUM 02
01/31/2025 ADDENDUM 01
12/18/2024 CD/BID
10/11/2024 DESIGN DEVELOPMENT
08/16/2024 SCHEMATIC DESIGN

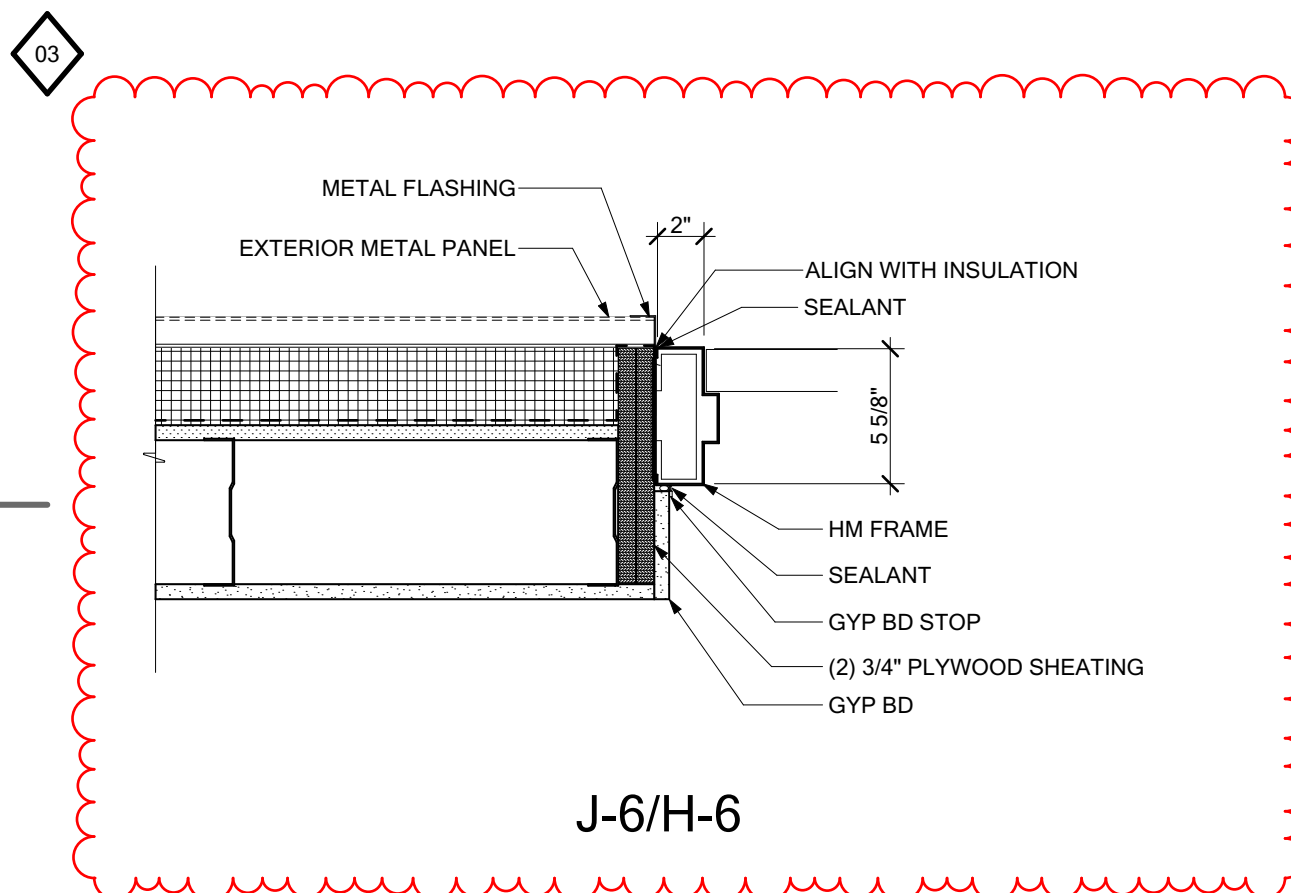
TC JOB NO. 107253
OWNER JOB NO. #Client Project No.

SHEET TITLE
DOOR SCHEDULE/
WINDOW ELEVATIONS

SHEET NO.

A2.00

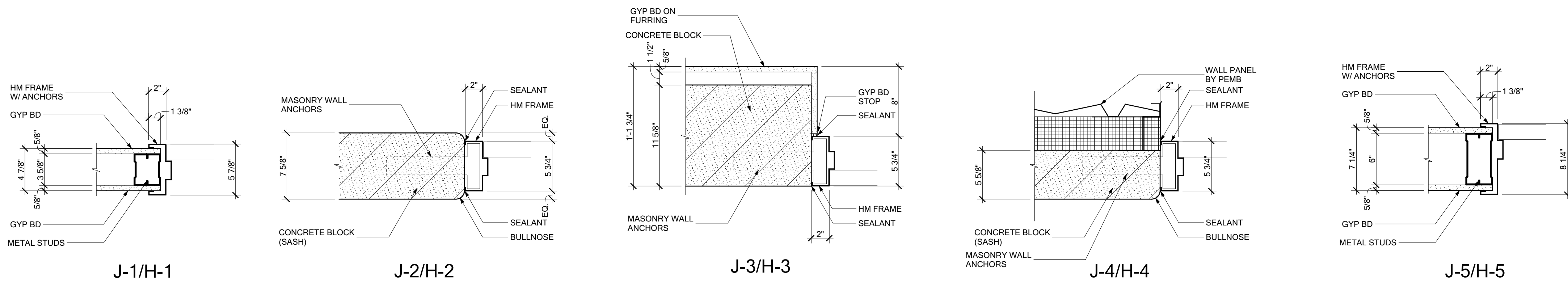
B5 DOOR ELEVATIONS
SCALE: 1/4" = 1'-0"



B4 DOOR JAMB DETAILS
SCALE: 1 1/2" = 1'-0"

DOOR SCHEDULE												
No.	SIZE	DOOR			FRAME			H	J	HDW SET	FIRE RATING	REMARKS
		EL	MATL	FIN	EL	MATL	FIN					
001	3'-0"x6'-8"	D-1	SCWD	STAIN	F-4	HM	PT	H1	J1	8.0	-	
002	3'-0"x6'-8"	D-1	SCWD	STAIN	F-4	HM	PT	H1	J1	8.0	-	
003	3'-0"x6'-8"	D-1	SCWD	STAIN	F-4	HM	PT	H1	J1	8.0	-	
004	3'-0"x6'-8"	D-1	SCWD	STAIN	F-4	HM	PT	H1	J1	8.0	-	
005	3'-0"x6'-8"	D-1	SCWD	STAIN	F-4	HM	PT	H1	J1	8.0	-	
006-1	3'-0"x6'-8"	D-1	SCWD	STAIN	F-4	HM	PT	H1	J1	8.0	-	
006-2	3'-0"x6'-8"	D-2	HM	PT	F-1	HM	PT	H6	J6	3.0	-	
007	3'-0"x6'-8"	D-2	HM	PT	F-1	HM	PT	H1	J1	8.0	-	
008-1	3'-0"x6'-8"	D-2	HM	PT	F-1	HM	PT	H1	J1	8.0	-	
008-2	6'-0"x7'-0"	D-2	HM	PT	F-3	HM	PT	H6	J6	4.0	-	
009	3'-0"x6'-8"	D-1	SCWD	STAIN	F-1	HM	PT	H1	J1	8.0	-	
010	3'-0"x6'-8"	D-2	HM	PT	F-1	HM	PT	H3	J3	11.0	-	
011	3'-0"x7'-0"	D-2	HM	PT	F-1	HM	PT	H2	J2	12.0	-	
012	3'-0"x7'-0"	D-2	HM	PT	F-1	HM	PT	H3	J3	13.0	-	
013	3'-0"x7'-0"	D-2	HM	PT	F-1	HM	PT	H3	J3	13.0	-	
014-1	3'-0"x8'-0"	D-1	AL	CLEAR	F-1	AL	-	-	-	7.0	-	SEE INT GLAZING
014-2	3'-0"x7'-0"	D-3	SCWD	PT	F-1	HM	PT	H1	J1	6.0	-	
015-1	3'-0"x7'-0"	D-3	SCWD	PT	F-1	HM	PT	H1	J1	6.0	-	
015-2	3'-0"x7'-0"	D-2	SCWD	PT	F-1	HM	PT	H1	J1	6.0	-	
016-1	3'-0"x7'-0"	D-3	SCWD	PT	F-1	HM	PT	H1	J1	6.0	-	
016-2	6'-0"x7'-0"	D-2	HM	PT	F-3	HM	PT	H6	J6	4.0	-	
016-3	4'-0"x4'-0"	D-5	-	-	-	-	-	-	-	5.0	-	Serving window
017-1	8'-0"x8'-0"	D-7	-	-	-	-	-	-	-	5.0	-	COILING COUNTER
017-2	3'-0"x7'-0"	D-2	HM	PT	F-1	HM	PT	H1	J1	6.0	-	
018-1	6'-0"x8'-0"	D-2	HM	PT	F-3	HM	PT	H4	J4	4.0	-	
018-2	6'-0"x8'-0"	D-2	HM	PT	F-3	HM	PT	H4	J4	4.0	-	
018-3	6'-0"x8'-0"	D-2	HM	PT	F-3	HM	PT	H4	J4	4.0	-	
018-4	6'-0"x8'-0"	D-2	HM	PT	F-3	HM	PT	H4	J4	4.0	-	
018-5	8'-0"x8'-0"	D-7	-	-	-	-	-	-	-	5.0	-	OH DOOR
019	6'-0"x7'-0"	D-2	HM	PT	F-3	HM	PT	H1	J1	9.0	-	
020	3'-0"x7'-0"	D-2	HM	PT	F-1	HM	PT	H1	J1	6.0	-	
C001-1	6'-0"x7'-8"	D-1	AL	CLEAR	-	AL	CLEAR	-	-	1.0	-	STOREFRONT ENTRANCE
C001-2	6'-0"x8'-0"	D-1	AL	CLEAR	-	AL	CLEAR	-	-	2.0	-	STOREFRONT ENTRANCE
C002	6'-0"x8'-0"	D-2	HM	PT	F-5	HM	PT	H1	J1	10.0	-	180 Door swing, Both Sides and frame of door to be PT2
C003-1	3'-0"x7'-0"	D-1	SCWD	PT	F-1	HM	PT	H1	J1	6.0	-	
C003-2	3'-0"x8'-0"	D-2	HM	PT	F-1	HM	PT	H6	J6	6.0	-	

A3 DOOR JAMB DETAILS
SCALE: 1 1/2" = 1'-0"



RFI detail

#32 Signage



Status	Closed
Created on	Mar 28, 2025 by Matt Moser (WOLGAST CORPORATION)
RFI type	Default RFI workflow
Ball in court	Matt Moser (WOLGAST CORPORATION)
Answered	Mar 31, 2025 by Dustin DeWitt (The Collaborative)

Question

1. We need measurements and layout design for the vinyl wall graphic behind the information desk. There are no details provided in the specs or plans.
2. For the dimensional letters and logo on the exterior, are these to be illuminated or non-illuminated?

Official response

Dustin DeWitt (The Collaborative): The vinyl wall graphic on E4/A6.00 is roughly 7' x 6'. For specifications on the graphic itself see SECTION 101400 - SIGNAGE Section 2.5. The exterior letters and logo will not be illuminated.
*By **Dustin DeWitt** (The Collaborative) - Mar 31, 2025, 2:29 PM EDT*

Impact

Cost impact	-
Schedule impact	-

Other attributes

Priority	Normal
Discipline	-
Category	-
Location	-

Location details	-
External id	-
Co-reviewer(s)	
Spec Section	-
Construction Phase	Pre-Bid

RFI detail

#33 Blocking



Status	Closed
Created on	Mar 28, 2025 by Matt Moser (WOLGAST CORPORATION)
RFI type	Default RFI workflow
Ball in court	Matt Moser (WOLGAST CORPORATION)
Answered	Mar 31, 2025 by Dustin DeWitt (The Collaborative)

Question

The note asks for blocking full depth between joists. It appears that both the joists and the required blocking is CMF-01 cold-formed metal framing.
Please clarify.

Official response

Dustin DeWitt (The Collaborative): Full depth metal blocking, or similar bridging product like Clark Dietrich Trade Ready Bridging, is required at the third points along the joist span to prevent the joists from rotating when loaded and cracking finishing.

By **Dustin DeWitt** (The Collaborative) - Mar 31, 2025, 2:32 PM EDT

Impact

Cost impact	-
Schedule impact	-

Other attributes

Priority	Normal
Discipline	-
Category	-
Location	-

Location details	-
External id	-
Co-reviewer(s)	
Spec Section	-
Construction Phase	Pre-Bid

RFI detail

#34 RAF Material Substitution Request



Status	Closed
Created on	Mar 31, 2025 by Christie Huver (WOLGAST CORPORATION)
RFI type	Default RFI workflow
Ball in court	Christie Huver (WOLGAST CORPORATION)
Answered	Apr 2, 2025 by Allison Schrecongost

Question

We would like to submit a substitution request for the RAF material.

Official response

Allison Schrecongost: Substitution Approved.

Dustin DeWitt

By **Allison Schrecongost** - Apr 2, 2025, 8:39 AM EDT

Impact

Cost impact	-
Schedule impact	-

Other attributes

Priority	Normal
Discipline	-
Category	-
Location	-
Location details	emily@specathletic.com

External id	-
Co-reviewer(s)	 Dustin DeWitt (The Collaborative)
Spec Section	-
Construction Phase	-

SECTION 061600 - SHEATHING

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Exterior wall sheathing.
- B. Roof sheathing.
- C. Sheathing joint and penetration treatment.

1.2 RELATED REQUIREMENTS

- A. Section 061000 - Rough Carpentry: Wood panels for miscellaneous blocking and mounting boards.
- B. Section 092900 - Gypsum Board: Interior gypsum panels.

1.3 SUBMITTALS

- A. See Section 013000 - Administrative Requirements, for submittal procedures.
- B. Product Data: For each type of process and factory-fabricated product.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Stack panels flat with spacers beneath and between each bundle to provide air circulation. Protect sheathing from weather by covering with waterproof sheeting, securely anchored. Provide for air circulation around stacks and under coverings.

PART 2 PRODUCTS

2.1 PRESERVATIVE-TREATED PLYWOOD

- A. Preservative Treatment by Pressure Process: AWPA U1; Use Category UC2 for interior construction not in contact with ground, Use Category UC3b for exterior construction not in contact with ground, and Use Category UC4a for items in contact with ground.
- B. Mark plywood with appropriate classification marking of an inspection agency acceptable to authorities having jurisdiction.
- C. Application:
 - 1. Treat items indicated on Drawings.
 - 2. Treat plywood in contact with masonry or concrete or used with roofing, flashing, vapor barriers, and waterproofing.

2.2 FIRE-RETARDANT-TREATED PLYWOOD

- A. General: Where fire-retardant-treated materials are indicated, use materials complying with requirements in this article that are acceptable to authorities having jurisdiction and with fire-test-response characteristics specified as determined by testing identical products per test method indicated by a qualified testing agency.
- B. Fire-Retardant-Treated Plywood by Pressure Process: Products with a flame-spread index of 25 or less when tested according to ASTM E 84, and with no evidence of significant progressive combustion when the test is extended an additional 20 minutes, and with the flame front not extending more than 10.5 feet beyond the centerline of the burners at any time during the test.
 - 1. Exterior Type: Treated materials shall comply with requirements specified above for fire-retardant-treated plywood by pressure process after being subjected to accelerated weathering according to ASTM D 2898. Use for exterior locations and where indicated.
 - 2. Interior Type A: Treated materials shall have a moisture content of 28 percent or less when tested according to ASTM D 3201/D 3201M at 92 percent relative humidity. Use where exterior type is not indicated.
 - 3. Design Value Adjustment Factors: Treated lumber plywood shall be tested according to ASTM D 5516 and design value adjustment factors shall be calculated according to ASTM D 6305. Span ratings after treatment shall be not less than span ratings specified. For roof sheathing and where high-temperature fire-retardant treatment is indicated, span ratings for temperatures up to 170 deg F shall be not less than span ratings specified.
- C. Kiln-dry material after treatment to a maximum moisture content of 15 percent.
- D. Identify fire-retardant-treated plywood with appropriate classification marking of qualified testing agency.
- E. Application:
 - 1. Treat plywood indicated on Drawings.

2.3 WALL SHEATHING

- A. Plywood Sheathing: Either DOC PS 1 or DOC PS 2, Exposure 1 APA rated sheathing.
 - 1. Span Rating: Not less than 16/0.
 - 2. Nominal Thickness: As indicated in drawings.

2.4 ROOF SHEATHING

- A. Nail Base Roof Sheathing: Wood construction panel laminated to insulation board.

1. Construction Panel: 3/4 inch (19 mm) CDX plywood.
2. Insulation Board: Polyisocyanurate foam plastic with cellulosic felt facer or glass fiber mat facer on major surface opposite construction panel.
3. Minimum R-Value: As indicated on Drawings.
4. Finished Panel: Comply with ASTM C1289, Type V.
5. Acceptable Manufacturers:
 - a. Hunter Panels; H-Shield NB: www.hunterpanels.com/#sle.
 - b. GAF; ThermaCal.
 - c. Atlas Roofing Corporation; ACFoam Nail Base.
 - d. Substitutions: See Section 016000 - Product Requirements.

2.5 FASTENERS

- A. General: Provide fasteners of size and type indicated that comply with requirements specified in this article for material and manufacture.
 1. Provide non-corrosive fasteners with hot-dip zinc coating complying with ASTM A 153/A 153M.
- B. Power-Driven Fasteners: Fastener systems with an evaluation report acceptable to authorities having jurisdiction, based on ICC-ES AC70.
- C. Screws for Fastening Wood Structural Panels to Cold-Formed Metal Framing: ASTM C 954, except with wafer heads and reamer wings, length as recommended by screw manufacturer for material being fastened.

2.6 SHEATHING JOINT-AND-PENETRATION TREATMENT MATERIALS

- A. As recommended by air barrier manufacturer.

PART 3 EXECUTION

3.1 INSTALLATION, GENERAL

- A. Do not use materials with defects that impair quality of sheathing or pieces that are too small to use with minimum number of joints or optimum joint arrangement. Arrange joints so that pieces do not span between fewer than three support members.
- B. Cut panels at penetrations, edges, and other obstructions of work; fit tightly against abutting construction unless otherwise indicated.
- C. Securely attach to substrate by fastening as indicated, complying with the following:

1. ICC-ES evaluation report for fastener.
- D. Coordinate sheathing installation with flashing and joint-sealant installation so these materials are installed in sequence and manner that prevent exterior moisture from passing through completed assembly.
- E. Do not bridge building expansion joints; cut and space edges of panels to match spacing of structural support elements.
- F. Wall Sheathing: Secure with long dimension perpendicular to wall studs, with ends over firm bearing and staggered, using screws.
- G. Coordinate sheathing installation with installation of materials installed over sheathing so sheathing is not exposed to precipitation or left exposed at end of the workday when rain is forecast.

3.2 WOOD STRUCTURAL PANEL INSTALLATION

- A. General: Comply with applicable recommendations in APA Form No. E30, "Engineered Wood Construction Guide," for types of structural-use panels and applications indicated.
- B. Fastening Methods: Fasten panels as indicated below:
 1. Wall and Roof Sheathing:
 - a. Screw to cold-formed metal framing.
 - b. Space panels 1/8 inch apart at edges and ends.

3.3 NAIL BASE SHEATHING

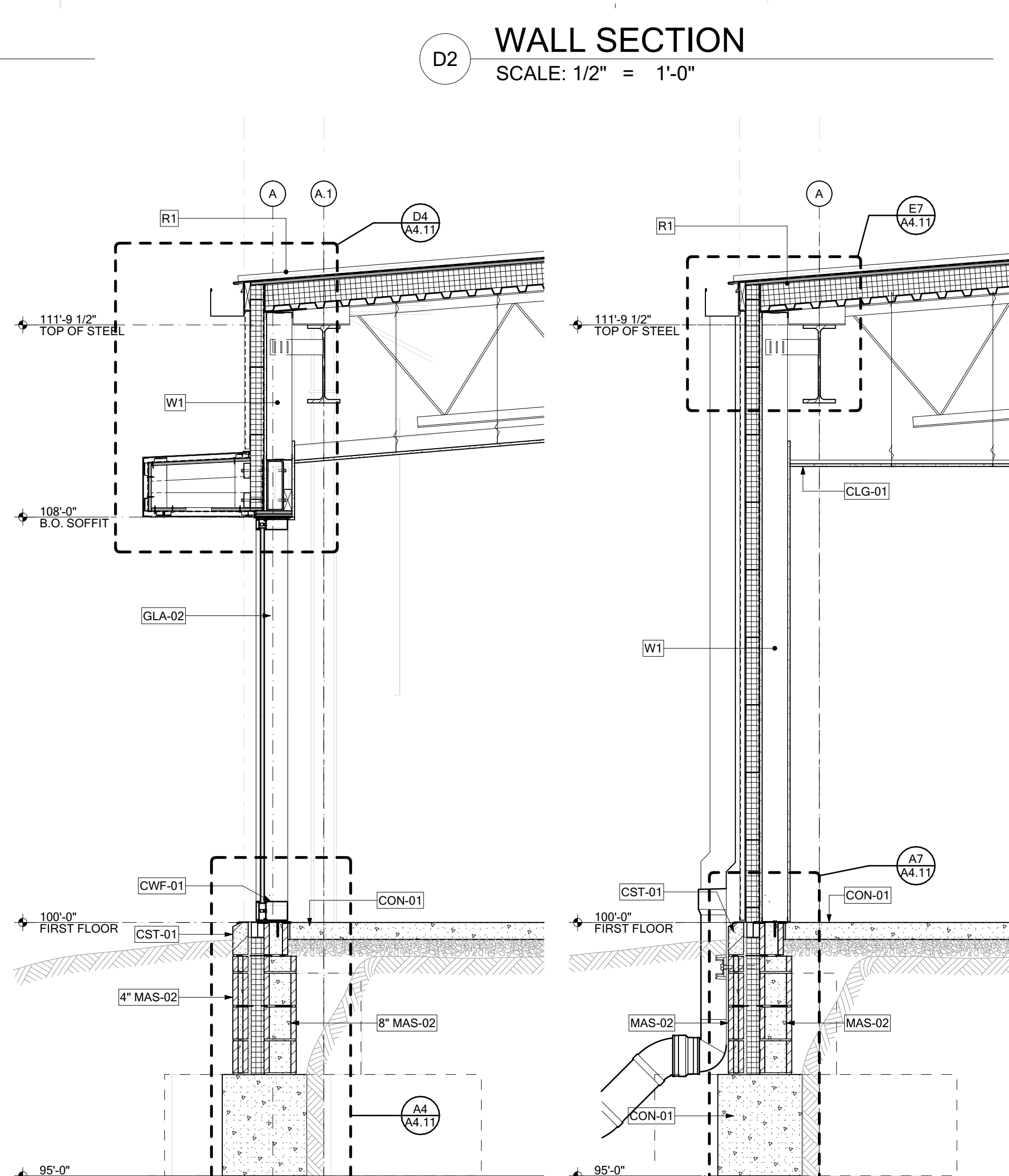
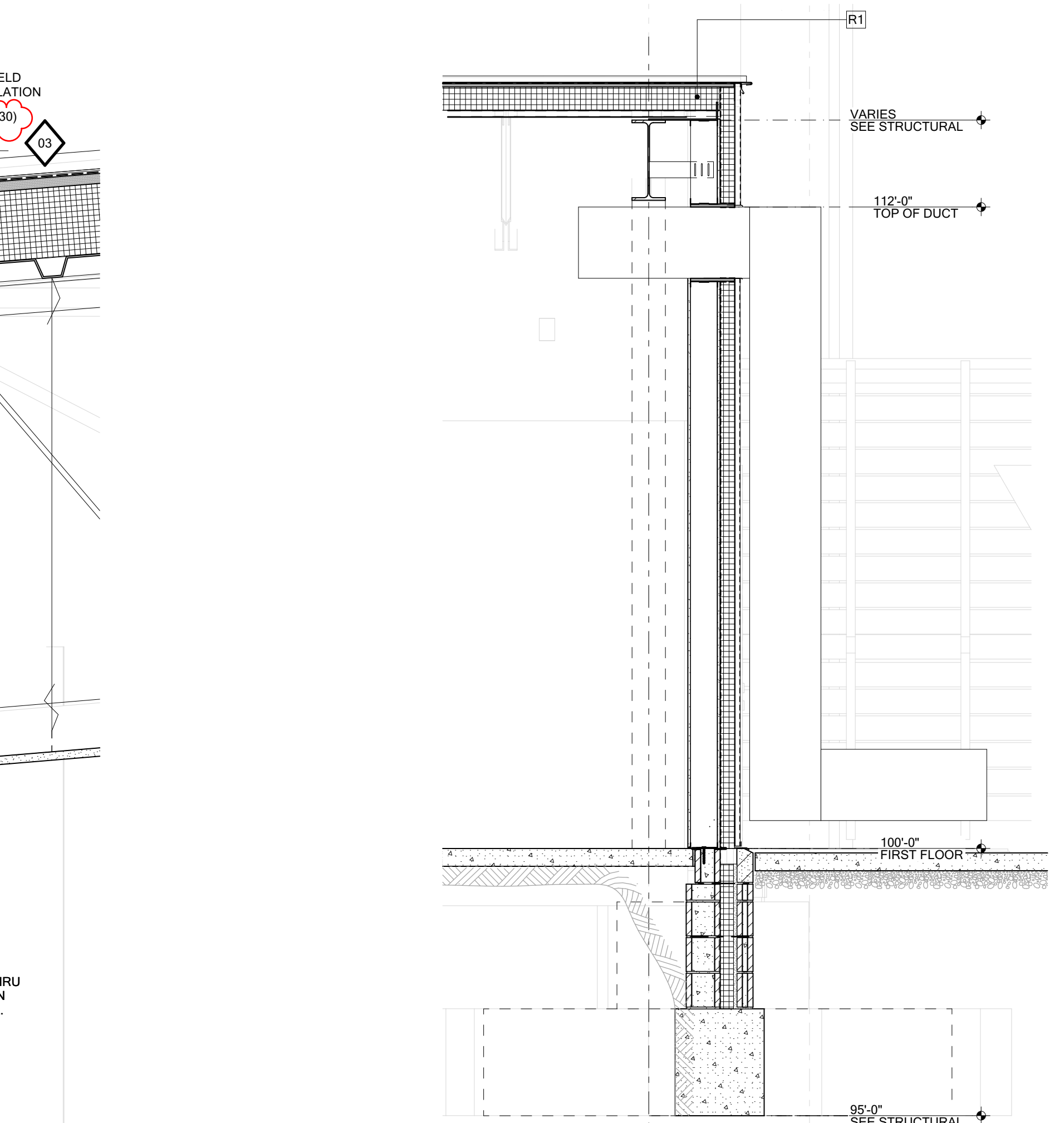
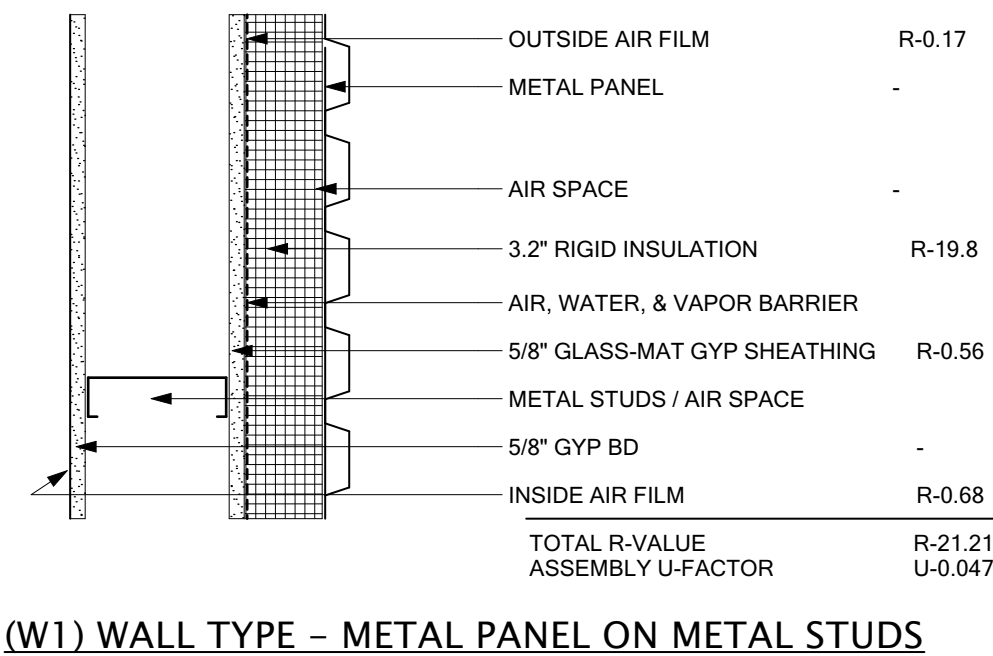
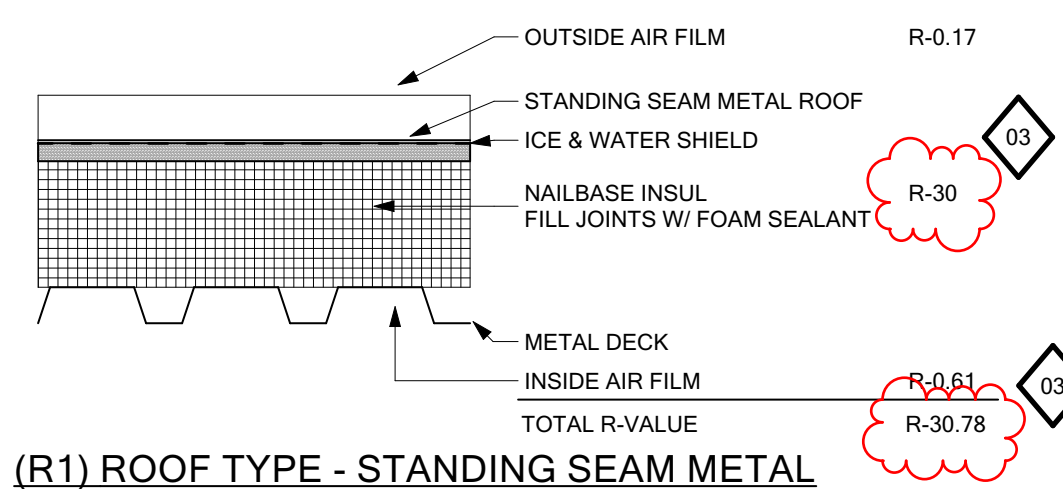
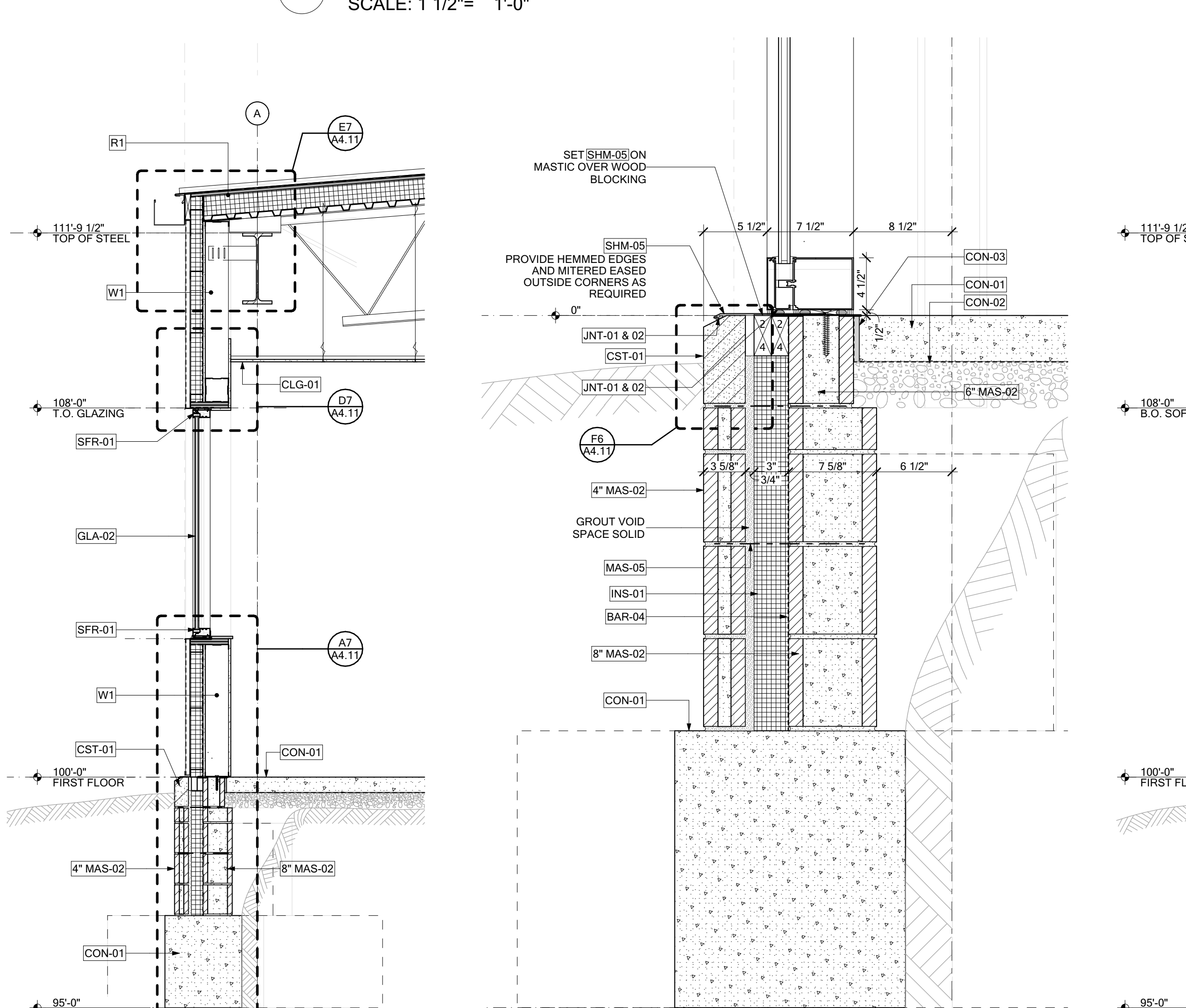
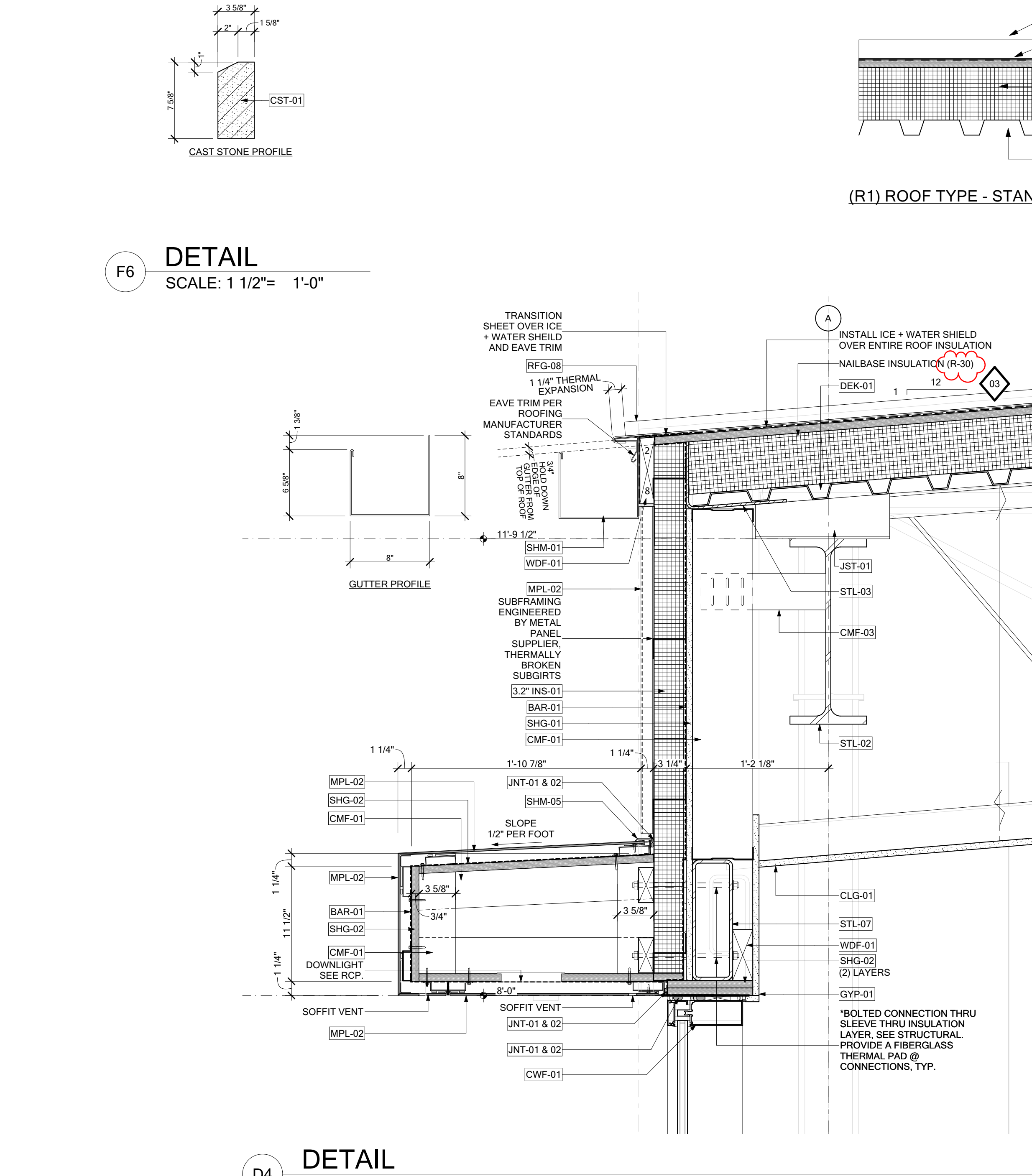
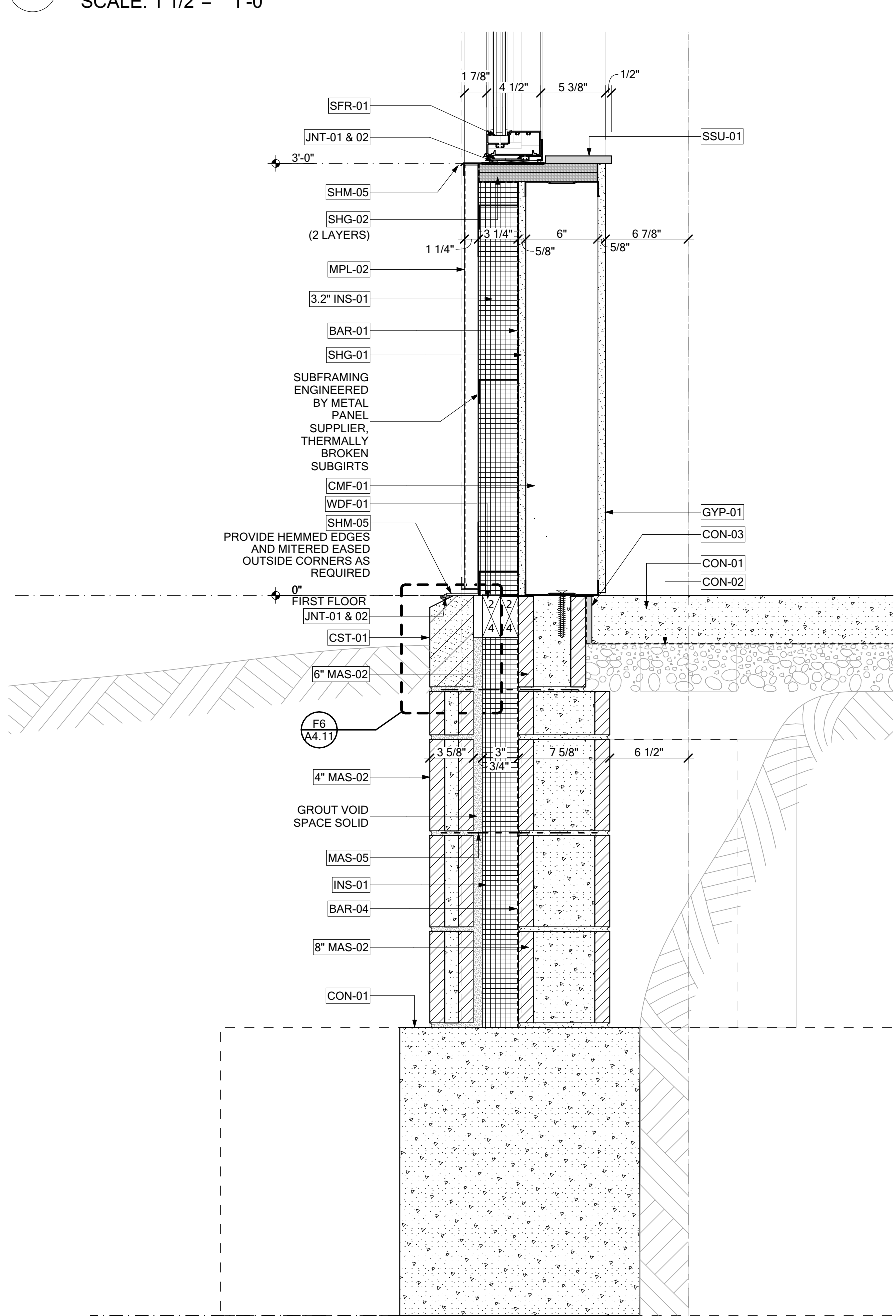
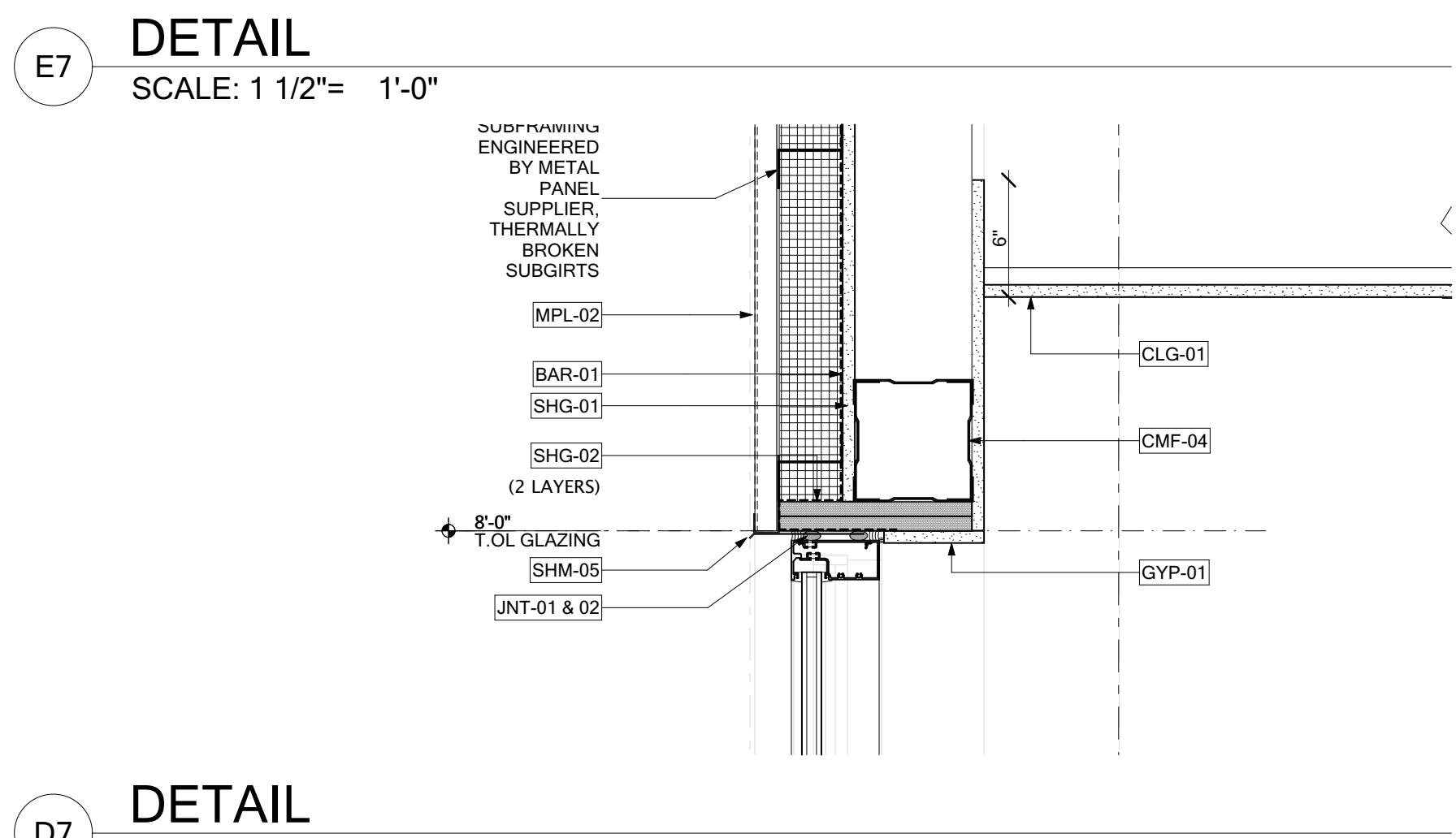
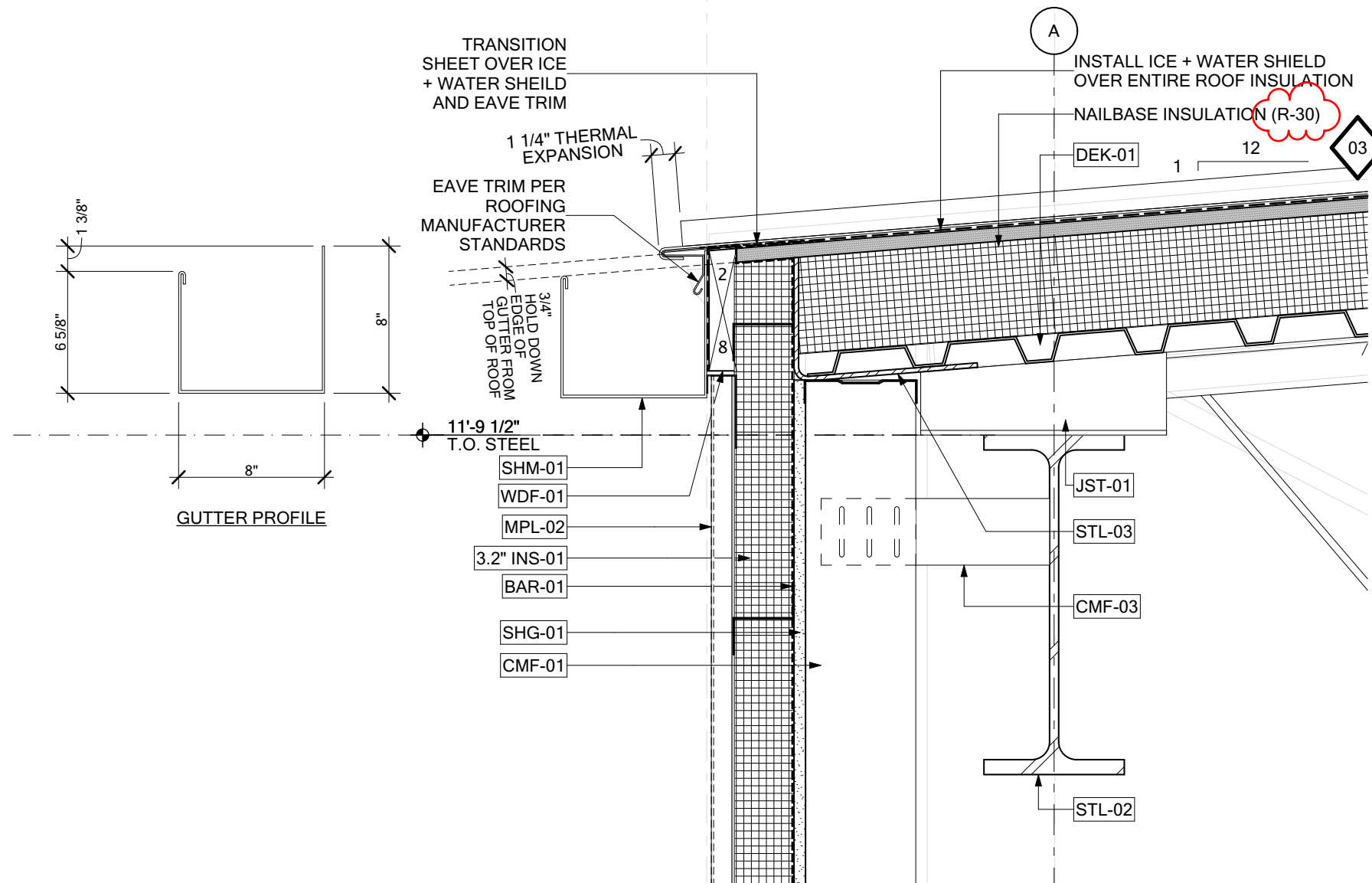
- A. Comply with manufacturer's written instructions.
- B. Install in exterior spaces without gaps or voids. Do not compress insulation.
- C. Trim insulation neatly to fit spaces. Insulate miscellaneous gaps and voids.
- D. Fit insulation tight in spaces and tight to exterior side of mechanical and electrical services within plane of insulation.
- E. Exposed insulation must be protected from open flame and kept dry at all times.
- F. Fasten composite insulation securely to the structural base. Contact nail base sheathing manufacturer for fastening pattern requirements.
- G. Do not leave nail base sheathing exposed for more than 45 days without adequate protection. Follow manufacturer's written instructions to protect exposed foam surfaces including corners, and openings, with a compatible waterproof tape where required.

END OF SECTION 061600

KEYNOTES:

(NOTE: NOT ALL NUMBERS ARE USED)

BAR-01	VAPOR-RETARDING AIR BARRIER SYSTEM
BAR-02	VAPOR-PERMEABLE AIR BARRIER SYSTEM
BAR-03	VAPOR-PERMEABLE WATER-RESISTIVE BARRIER
BAR-04	BARRIER TRANSITION SHEET
BAR-05	APPLIED DAMPPROOFING
CLG-01	CEILING
CLG-01	SEE REFLECTED CEILING PLANS A7.00 SERIES SHEETS
CMF-01	COLD-FORMED METAL FRAMING
CMF-02	COLD-FORMED METAL FRAMING
CMF-03	COLD-FORMED DEFLECTION TRACK
CMF-04	COLD-FORMED CLIP ANGLE
CMF-05	COLD-FORMED BOX BEASER
CON-01	CAST-IN-PLACE CONCRETE
CON-02	UNDERSLAB VAPOR RETARDER
CON-03	EXPANSION JOINT FILLER
CON-04	PRECAST CONCRETE PLANK
CON-05	PRECAST CONCRETE PANEL
CWF-01	CURTAIN WALL FRAMING SYSTEM
CWF-02	CURTAIN WALL ANCHOR CLIP
DEK-01	STEEL DECKING
DEK-02	STEEL ACOUSTICAL DECKING
EFS-01	EFS FINISHING COATS
EFS-02	EFS INSULATION BOARD
EFS-03	EFS SYSTEM AIR AND WATER-RESISTIVE BARRIER
EFS-04	EFS DRIP EDGE
EFS-05	EFS DRAINAGE GAP
FLG-01	FLOORING
FLG-01	CARPET
FST-01	FIRE STOPPING, SEALANTS, AND RESISTIVE MATERIALS
FST-01	FIRESTOPPING
FST-02	FIRE SEALANT
FST-03	SPRAY-APPLIED FIRE-RESISTIVE MATERIAL
FST-04	INTUMESCENT COATING
GLA-01	GLAZING
GLA-02	MONOLITHIC GLAZING
GLA-02	INSULATED GLAZING UNIT
GYP-01	GYP-BOARD ASSEMBLIES
GYP-01	GYP-BOARD
GYP-02	GLASS MAT-FACED GYP-BOARD
GYP-03	CONTROL JOINT
GYP-04	CORNER BEAD
GYP-05	J-BEAD
GYP-06	F-REVEAL
GYP-07	U-REVEAL
GYP-08	Z-REVEAL
GYP-09	CEMENT BACKER BOARD
HMD-01	HOLLOW METAL DOORS AND FRAMES
HMD-01	HOLLOW METAL DOOR FRAME
HMD-02	HOLLOW METAL WINDOW OPENING
HMD-03	HOLLOW METAL DOOR
INS-01	INSULATION
INS-01	RIGID INSULATION BOARD
INS-02	SPRAYED-FOAM INSULATION
INS-03	THERMAL BATT INSULATION
INS-04	ACOUSTICAL BATT INSULATION
JNT-01	JOINT SEALANTS
JNT-01	JOINT SEALANT
JNT-02	BACKER ROD
JNT-03	ACOUSTICAL SEALANT
JNT-04	PREFORMED JOINT SEAL
JNT-05	BUILDING EXPANSION JOINT ASSEMBLY
JST-01	STEEL JOISTS
JST-01	STEEL JOIST
JST-02	STEEL JOIST GIRDER
JST-03	BEARING PLATE
JST-04	JOIST SUBSTITUTE
MAS-01	MASONRY (GENERAL)
MAS-01	BRICK MASONRY
MAS-02	CONCRETE MASONRY UNIT
MAS-03	FLASHING
MAS-04	DECORATIVE CMU VENEER
MAS-05	VENEER ANCHOR
MAS-06	MASONRY WEEP, 24" O.C.
MAS-07	PRESSURE EQUALIZATION VENT, 24" O.C.
MAS-08	CAVITY DRAINAGE MATERIAL
MAS-09	GROUT
MAS-10	PREFORMED MASONRY CONTROL JOINT
MAS-11	UNIT
MAS-12	SOLID CONCRETE MASONRY UNIT
MAS-13	CMU BOND BEAM
MAS-14	CMU FLASHING PAN
MAS-15	FLASHING TERMINATION BAR
MPL-01	METAL PANELS
MPL-01	ARCHITECTURAL METAL PANEL
MPL-02	METAL COMPOSITE MATERIAL PANEL
MPL-03	FLASHING TO MATCH METAL PANEL
MPL-06	METAL SOFFIT PANEL
NSF-01	NON-STRUCTURAL METAL FRAMING (3/8" UNO)
NSF-02	NON-STRUCTURAL DEFLECTION TRACK
NSF-03	HAT CHANNEL FURRING (1 1/2" UNO)
NSF-04	RESILIENT CHANNEL FURRING
NSF-05	Z-FURRING
NSF-06	NON-STRUCTURAL CLIP ANGLE
NSF-07	SHAFT WALL FRAMING
NSF-08	J-TRACK
NSF-09	FRAMING TRACK
OHD-01	OVERHEAD DOORS
OHD-01	OVERHEAD COILING INSULATED DOOR
OHD-03	OVERHEAD COILING SHUTTER
PMB-01	PMB-ENGINEERED METAL BUILDING
PMB-01	METAL WALL PANEL
PMB-03	METAL BUILDING FRAME
PMB-04	GIRT
PMB-05	PURLIN
PMB-06	EAVE / RAKE FRAMING
PMB-07	TRIM
RFG-01	ROOFING
RFG-01	SINGLE-PLY MEMBRANE ROOFING
RFG-02	ROOF MEMBRANE FLASHING
RFG-03	ROOFING INSULATION
RFG-04	TAPERED ROOFING INSULATION
RFG-05	ROOFING VAPOR RETARDER
RFG-06	TERMINATION BAR
RFG-07	PREFORMED PIPE BOOT
RFG-08	STANDING-SEAM METAL ROOFING
RFG-09	STANDING-SEAM ROOF FLASHING
RFG-10	ROOFING UNDERLAYMENT
RFG-12	CONTINUOUS ICE & WATER SHIELD
RNF-01	REINFORCING STEEL
RNF-01	REINFORCING BAR
RNF-02	WELDED WIRE MESH
SFR-01	STOREFRONT FRAMING
SFR-01	STOREFRONT FRAMING SYSTEM
SFR-02	COMPENSATING HEAD RECEPTOR
SFR-03	EXTRUDED SILL FLASHING
SFR-04	STOREFRONT ENTRANCE
SFR-05	BRAKE METAL TRIM TO MATCH FRAMING
SFR-06	PREFINISHED FLASHING TO MATCH FRAMING
SHD-01	WINDOW SHADES
SHD-01	ROLLING WINDOW SHADE
SHG-01	SHEATHING
SHG-01	FIBERGLASS MAT GYPSUM SHEATHING
SHG-02	PLYWOOD SHEATHING (3/4" FRT UNO)
SHG-03	NAIL BASE SHEATHING (3 1/8" TOTAL THICKNESS UNO)
SHM-01	SHEET METAL FABRICATIONS
SHM-01	GUTTER
SHM-02	DOWNSPOUT
SHM-03	GRAVEL STOP
SHM-04	COPING
SHM-05	SHEET METAL FLASHING
SHM-06	DRIP EDGE
SHM-07	COUNTERFLASHING
SSU-01	SOLID SURFACE
SSU-01	SOLID SURFACE MATERIAL, SEE FINISH SCHEDULE
STL-01	STRUCTURAL STEEL
STL-01	STEEL COLUMN
STL-02	STEEL BEAM
STL-03	STEEL PLATE
STL-04	STEEL ANGLE
STL-05	STEEL CHANNEL
STL-06	STEEL WIDE FLANGE BEAM
STL-07	STEEL RECTANGULAR TUBE
STL-08	STEEL ROUND TUBE
STN-01	STONE MASONRY
STN-01	STONE VENEER MASONRY
STN-02	STONE WALL CAP
WFN-01	WOOD FINISH CARPENTRY
WFN-01	WOOD TRIM
WFN-02	WOOD VENEER TRIM PANEL
WFN-03	WOOD BASE
WFN-04	WOOD FINISH FLOORING
WDF-01	ROUGH WOOD FRAMING (FRT UNO)
WDF-01	WOOD BLOCKING
WDF-02	WOOD FRAMING (2X4 UNO)
WDF-03	WOOD FURRING
WIN-01	WINDOWS
WIN-01	WINDOW



RFI detail

#35 R48- Roof Insulation



Status	Closed
Created on	Mar 31, 2025 by Christie Huver (WOLGAST CORPORATION)
RFI type	Default RFI workflow
Ball in court	Christie Huver (WOLGAST CORPORATION)
Answered	Apr 2, 2025 by Dustin DeWitt (The Collaborative)

Question

The drawing details scale the roof insulation at about 6" thick. R-48 requires 12-1/4". Is this correct?

Official response

Dustin DeWitt (The Collaborative): Standing seam metal roof nail base insulation has been changed to R-30 to align with the 6" thick shown on the drawings. See revised spec 061600 for more details
*By **Dustin DeWitt** (The Collaborative) - Apr 2, 2025, 9:24 AM EDT*

Impact

Cost impact	-
Schedule impact	-

Other attributes

Priority	Normal
Discipline	-
Category	-
Location	-
Location details	Jerry @ Sugar

External id	-
Co-reviewer(s)	
Spec Section	-
Construction Phase	-

RFI detail

#36 104300 - AEDs



Status	Closed
Created on	Mar 31, 2025 by Christie Huver (WOLGAST CORPORATION)
RFI type	Default RFI workflow
Ball in court	Christie Huver (WOLGAST CORPORATION)
Answered	Apr 3, 2025 by Dustin DeWitt (The Collaborative)

Question

There is a specification for 104300 for emergency aid equipment, however there are none on the plans.

Official response

Dustin DeWitt (The Collaborative): No AED's will be provided as a part of the project
*By **Dustin DeWitt** (The Collaborative) - Apr 3, 2025, 10:18 AM EDT*

Impact

Cost impact	-
Schedule impact	-

Other attributes

Priority	Normal
Discipline	-
Category	-
Location	-
Location details	Jerry @ Sugar Const.
External id	-

Co-reviewer(s)	
Spec Section	-
Construction Phase	-

RFI detail

#37 Dynamic Sports Substitution Request



Status	Closed
Created on	Mar 31, 2025 by Christie Huver (WOLGAST CORPORATION)
RFI type	Default RFI workflow
Ball in court	Christie Huver (WOLGAST CORPORATION)
Answered	Apr 2, 2025 by Dustin DeWitt (The Collaborative)

Question

Please see the attached for substitution approval consideration.

Official response

Dustin DeWitt (The Collaborative): Substitution rejected
*By **Dustin DeWitt** (The Collaborative) - Apr 2, 2025, 9:32 AM EDT*

Impact

Cost impact	-
Schedule impact	-

Other attributes

Priority	Normal
Discipline	-
Category	-
Location	-
Location details	corey@dynamicssportsconstruction.com
External id	-

Co-reviewer(s)	
Spec Section	-
Construction Phase	-

RFI detail

#38 Sheathing - SHG-03



Status	Closed
Created on	Apr 1, 2025 by Christie Huver (WOLGAST CORPORATION)
RFI type	Default RFI workflow
Ball in court	Christie Huver (WOLGAST CORPORATION)
Answered	Apr 2, 2025 by Dustin DeWitt (The Collaborative)

Question

On pages A4.11 & A4.20B the drawings show the exterior of the building to be sheeted with 3.2" ins-01. However, on page A0.11 detail D4 is showing SHG-03 to be installed. I believe SHG-03 would need to accommodate MPL-2 on admin building.

Official response

Dustin DeWitt (The Collaborative): Detail A0.11 is correct. All exterior walls where MPL-2 is shown should include a layer of SHG-03. E7, D7, A7, D4 on 4.11 will include the SHG-03.

By **Dustin DeWitt** (The Collaborative) - Apr 2, 2025, 10:01 AM EDT

Impact

Cost impact	-
Schedule impact	-

Other attributes

Priority	Normal
Discipline	-
Category	-
Location	-

Location details	carri@garbercontracting.net
External id	-
Co-reviewer(s)	
Spec Section	-
Construction Phase	-

RFI detail

#39 Door 017-1 EL D7



Status	Closed
Created on	Apr 1, 2025 by Christie Huver (WOLGAST CORPORATION)
RFI type	Default RFI workflow
Ball in court	Christie Huver (WOLGAST CORPORATION)
Answered	Apr 2, 2025 by Dustin DeWitt (The Collaborative)

Question

In regards to coiling doors as it relates to General Trades 060000 Door #017-1 EL D7, is this a coiling counter or coiling grille?
See door schedule
Door #016 -3 EL D-5 Serving Window
Door #017-1 EL D-7 Coiling Counter
Door #018-5 D-7 OH Door

Official response

Dustin DeWitt (The Collaborative): Door 017-1 is a coiling grille
*By **Dustin DeWitt** (The Collaborative) - Apr 2, 2025, 9:06 AM EDT*

Impact

Cost impact	-
Schedule impact	-

Other attributes

Priority	Normal
Discipline	-
Category	-

Location	-
Location details	carri@garbercontracting.net
External id	-
Co-reviewer(s)	
Spec Section	-
Construction Phase	-