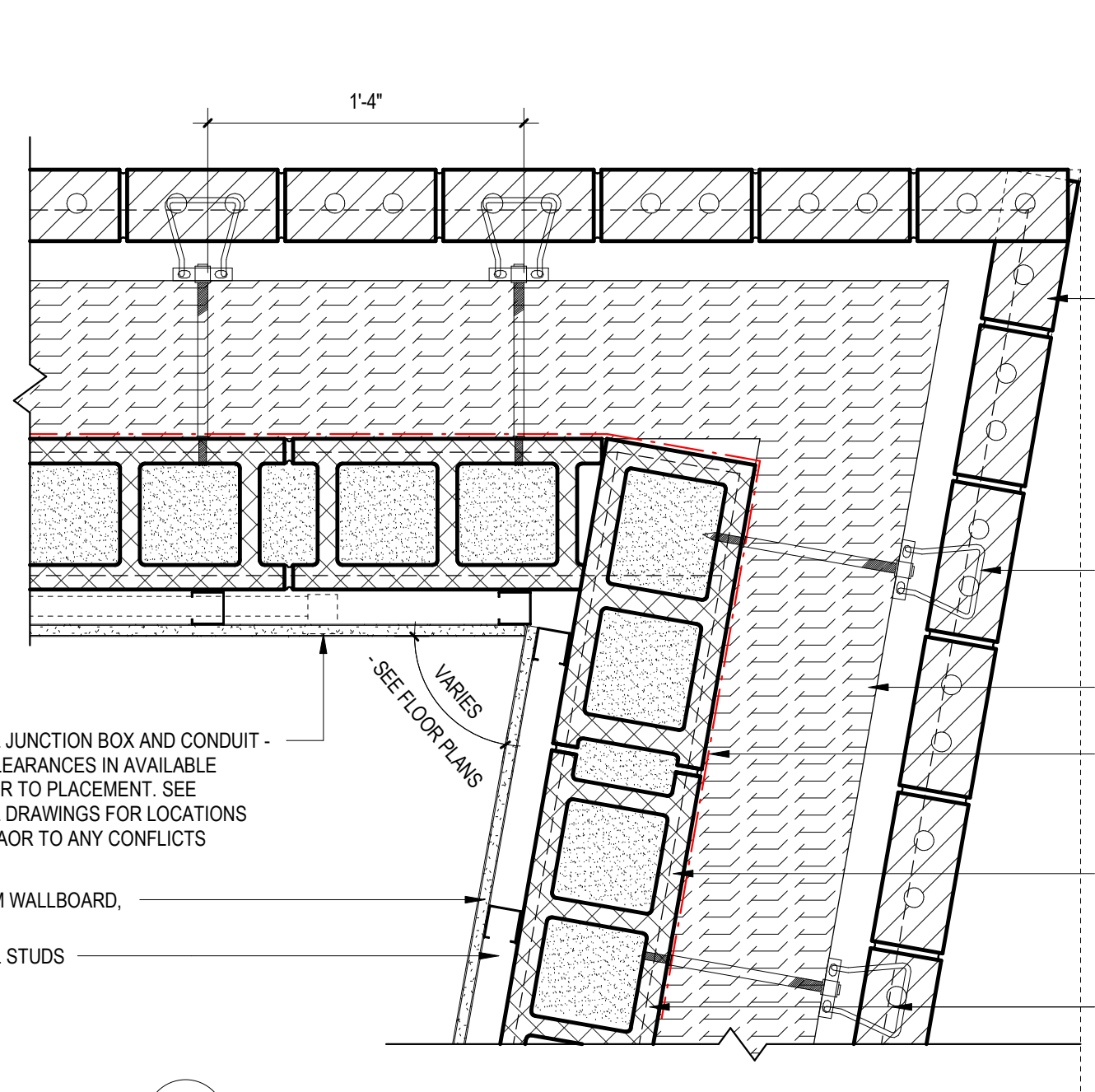
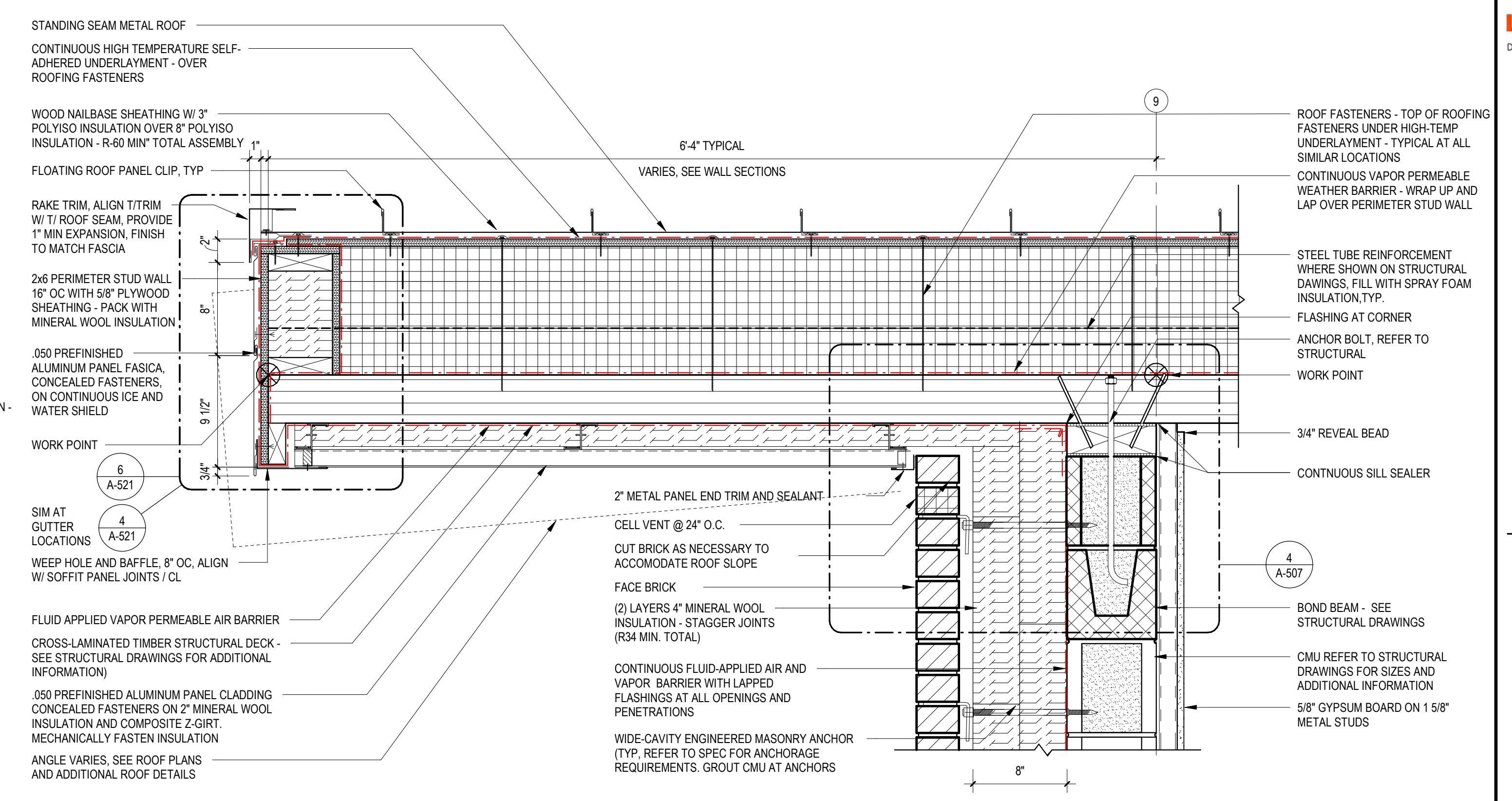


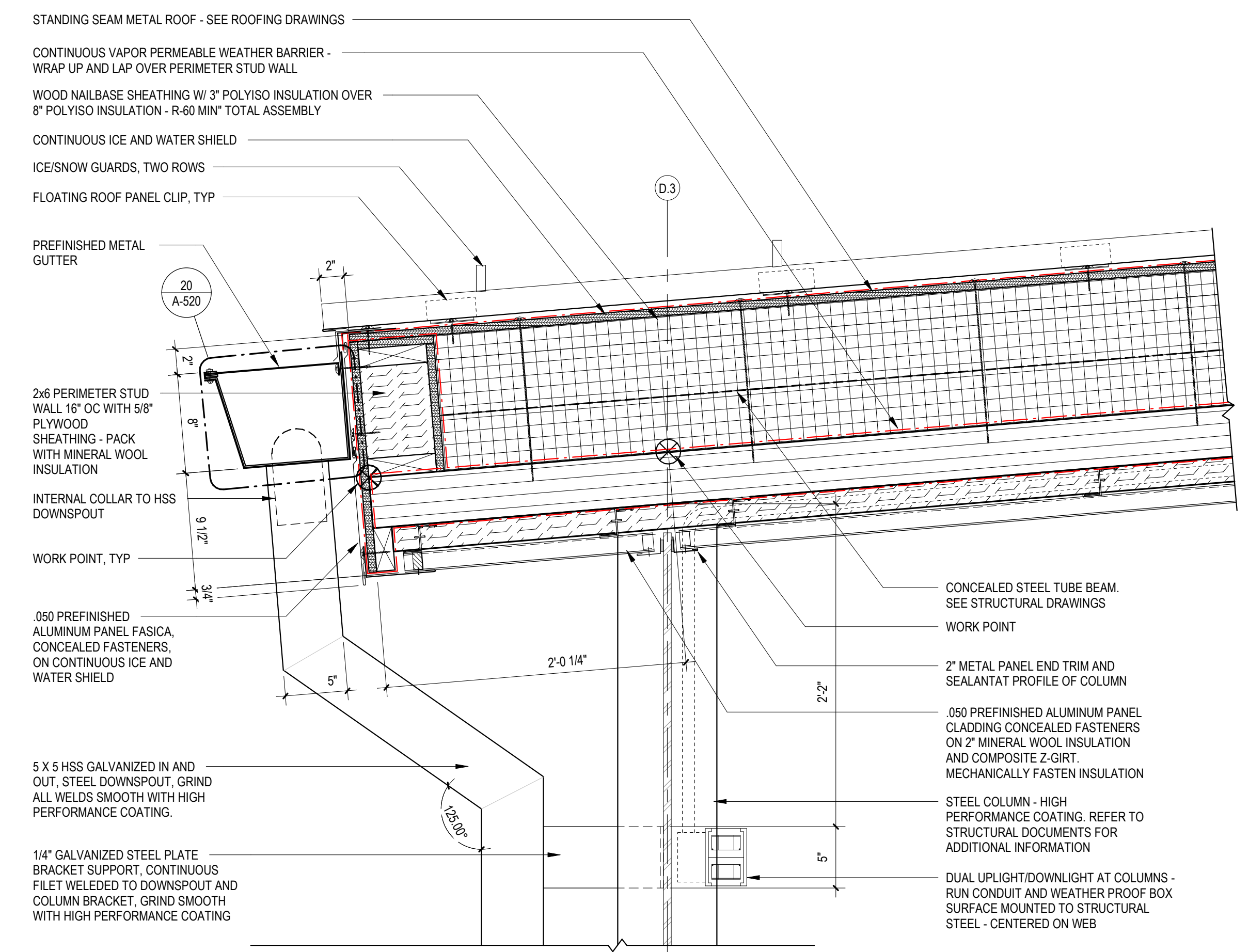
9 TYPICAL CONTROL JOINT DETAIL
1 1/2" = 1'-0"



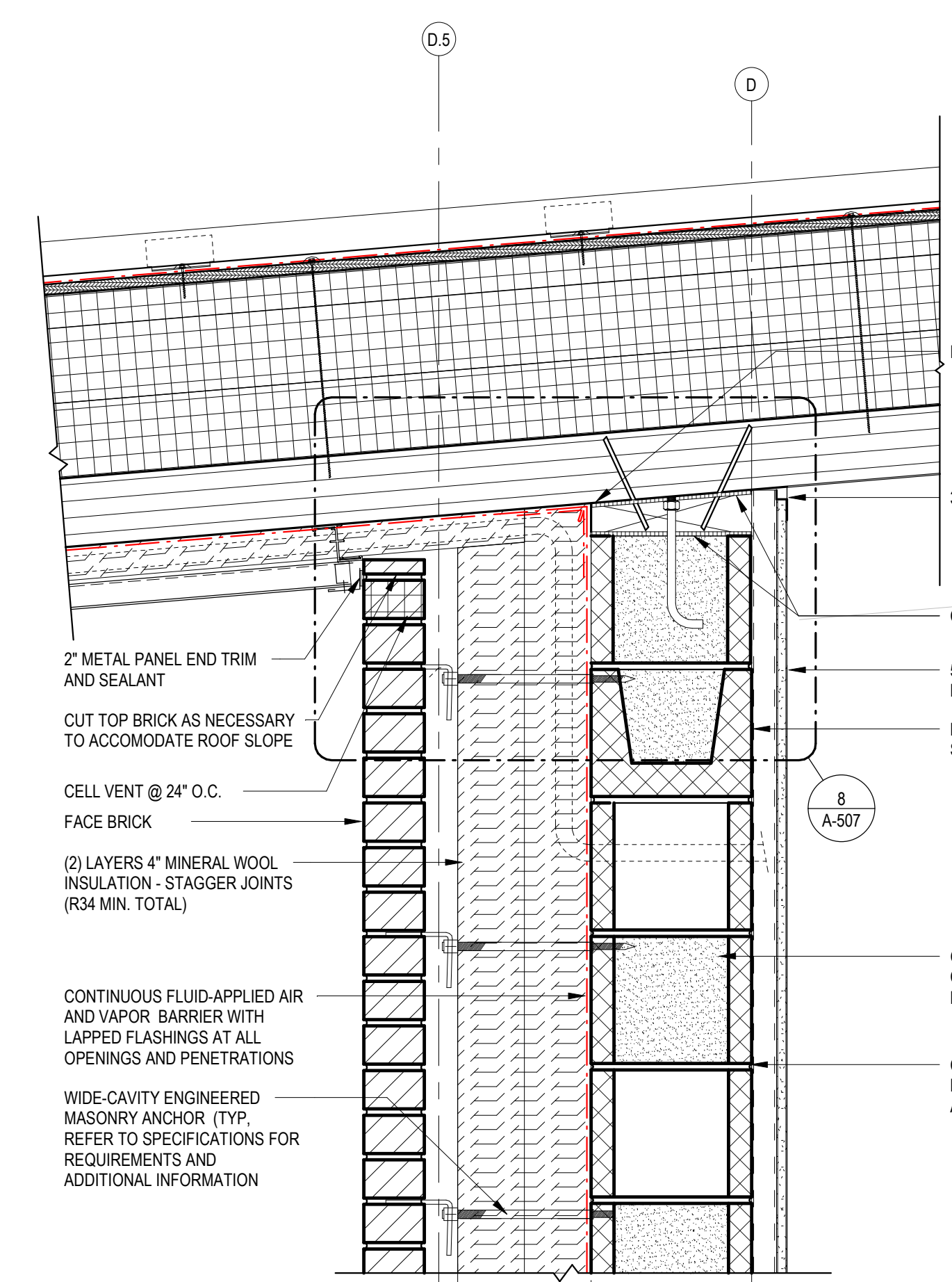
8 TYPICAL CORNER DETAIL
1 1/2" = 1'-0"



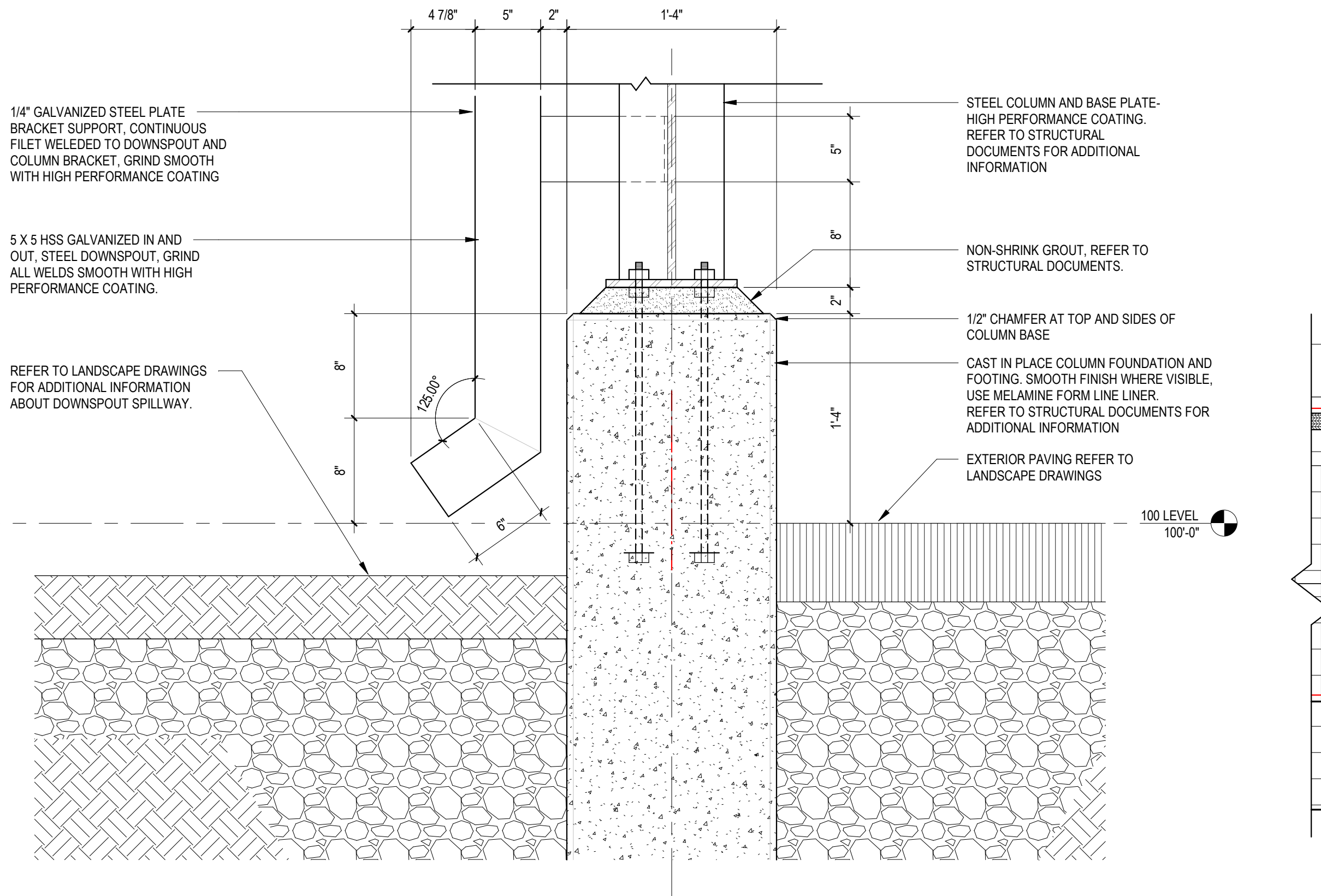
4 MASONRY DETAIL - TYPICAL TOP OF WALL, RAKE END
1 1/2" = 1'-0"



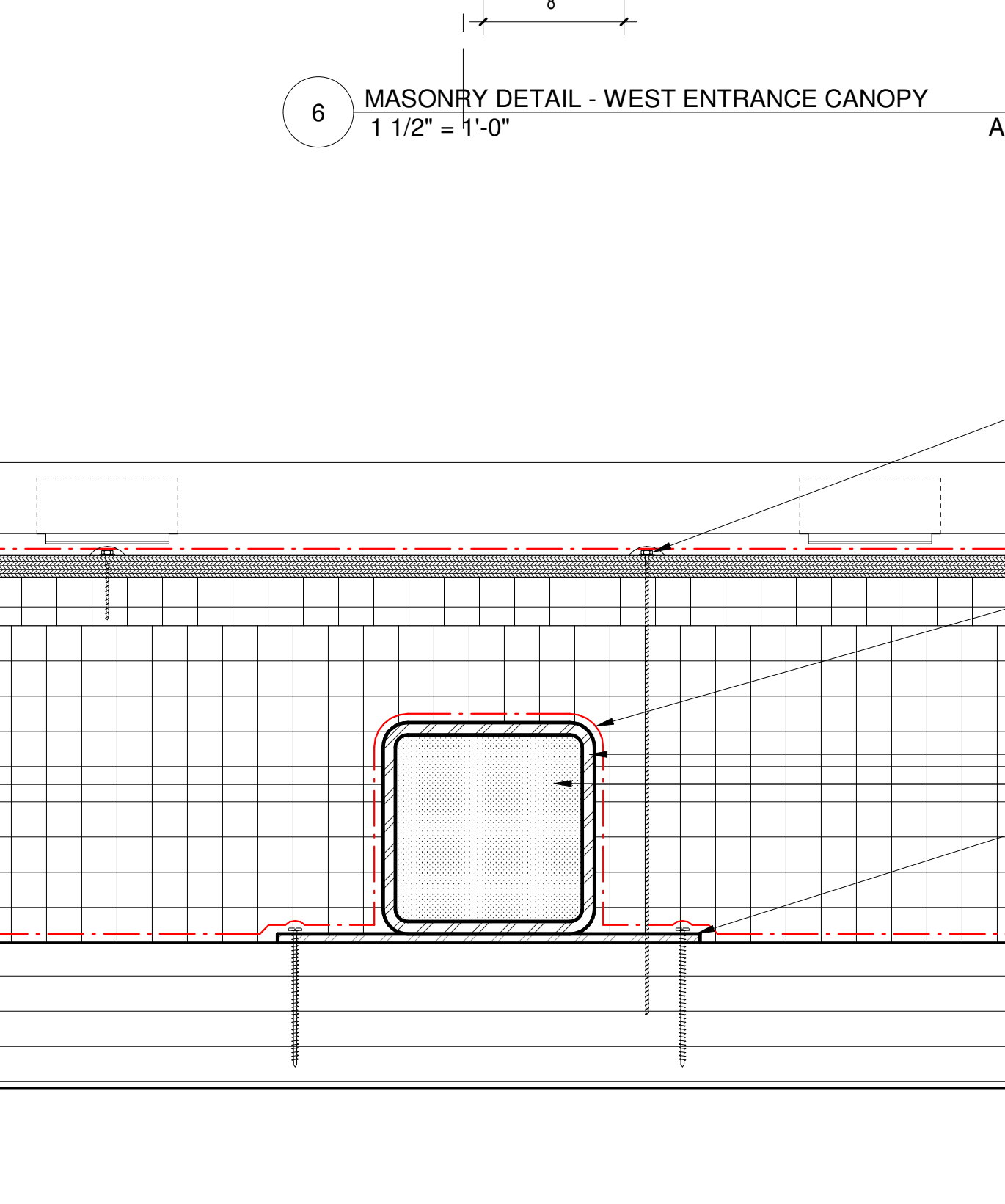
3 MASONRY DETAIL - TYPICAL HEAD
1 1/2" = 1'-0"



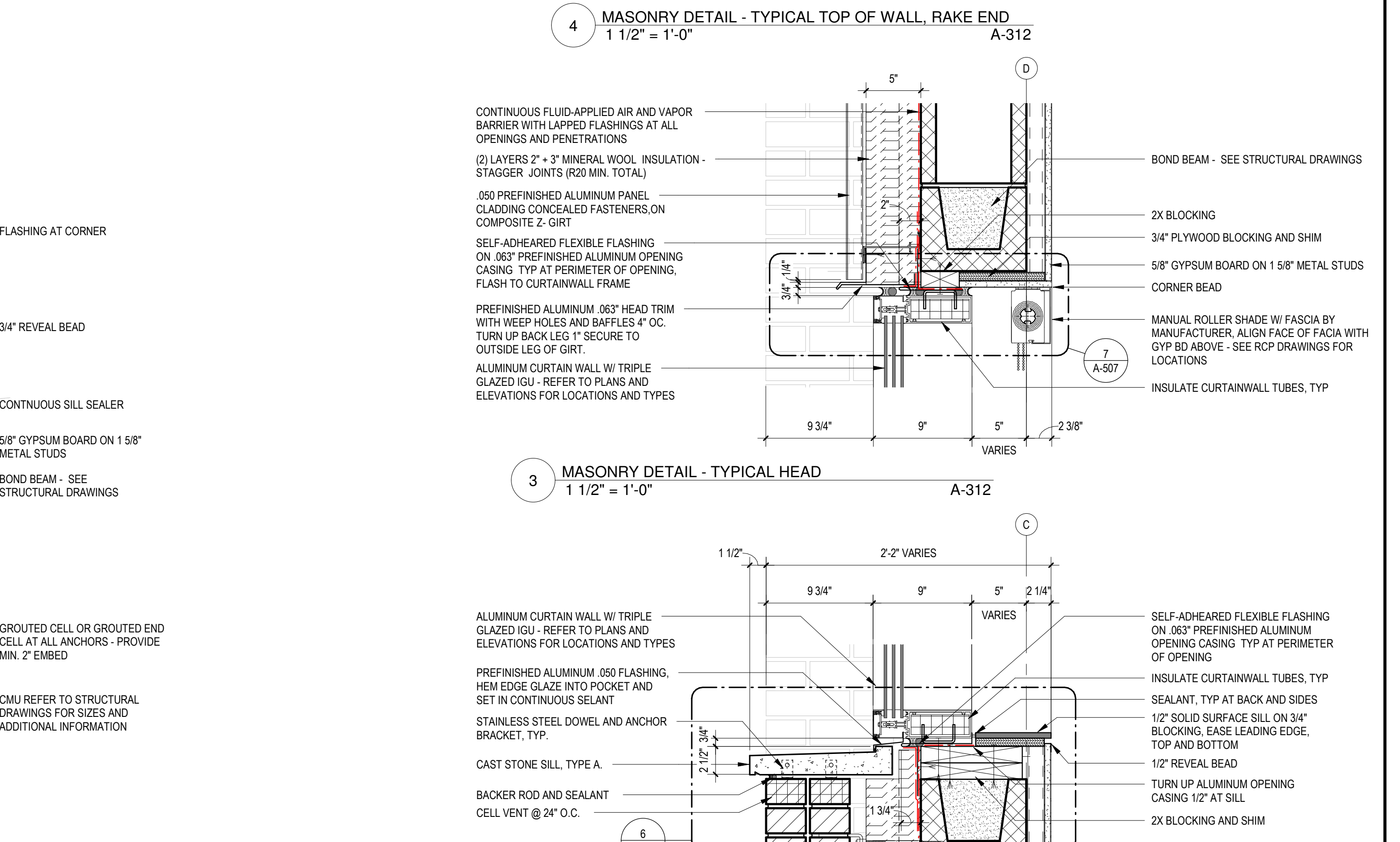
6 MASONRY DETAIL - WEST ENTRANCE CANOPY
1 1/2" = 1'-0"



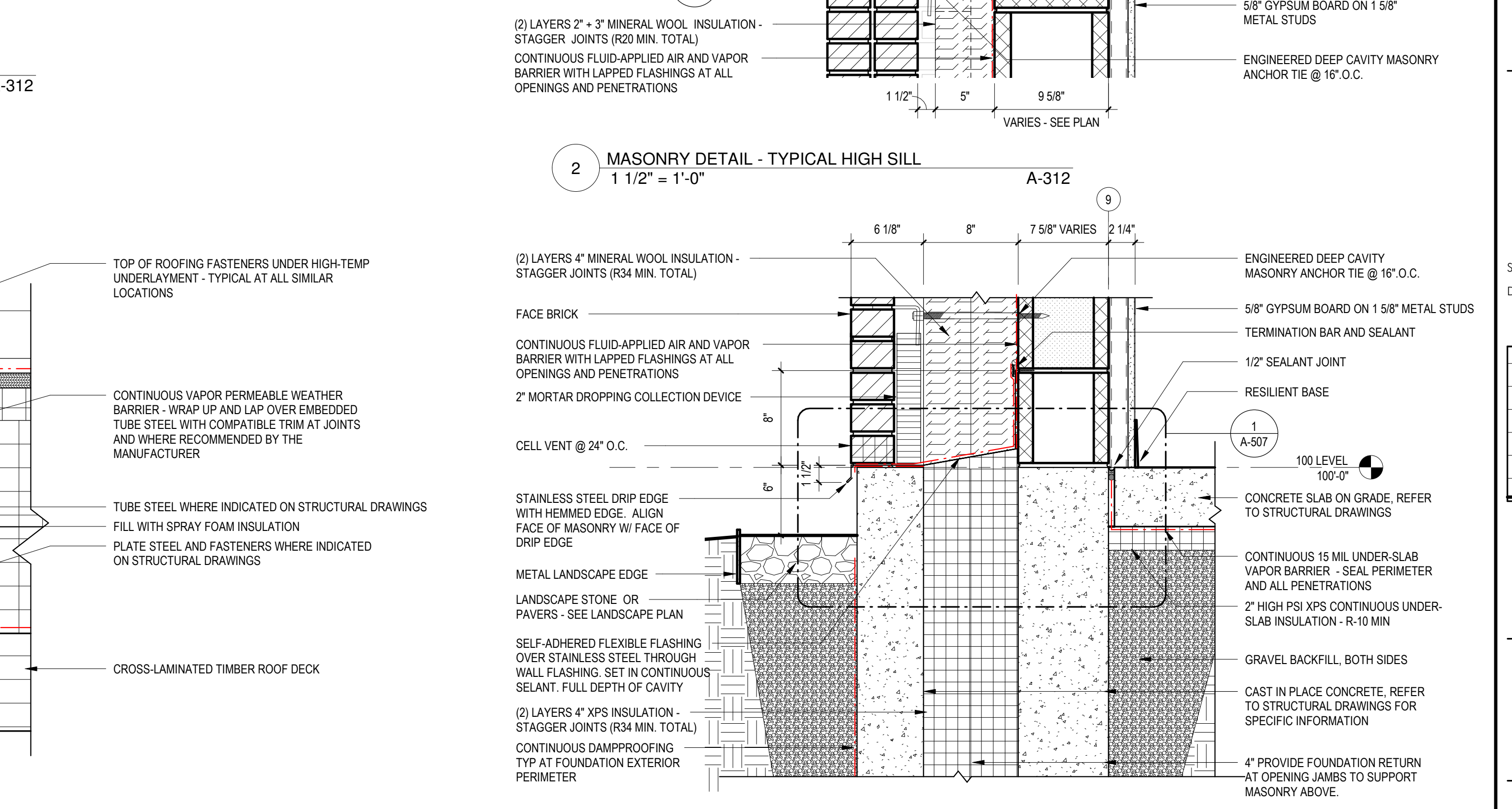
7 WEST ENTRANCE CANOPY COLUMN
1 1/2" = 1'-0"



10 ENVELOPE DETAIL - ROOF STRUCTURE
3" = 1'-0"



2 MASONRY DETAIL - TYPICAL HIGH SILL
1 1/2" = 1'-0"



1 MASONRY DETAIL - TYPICAL WALL BASE
1 1/2" = 1'-0"



SIGNATURE
DATE 05/27/22

REVISIONS		
NO.	DESCRIPTION	DATE
1		
5	IFC	05/27/22

PROJECT NUMBER 221056.00
DATE OF ISSUE 5.27.2022
DRAWN BY AQ
CHECKED BY LJ

ENVELOPE DETAILS

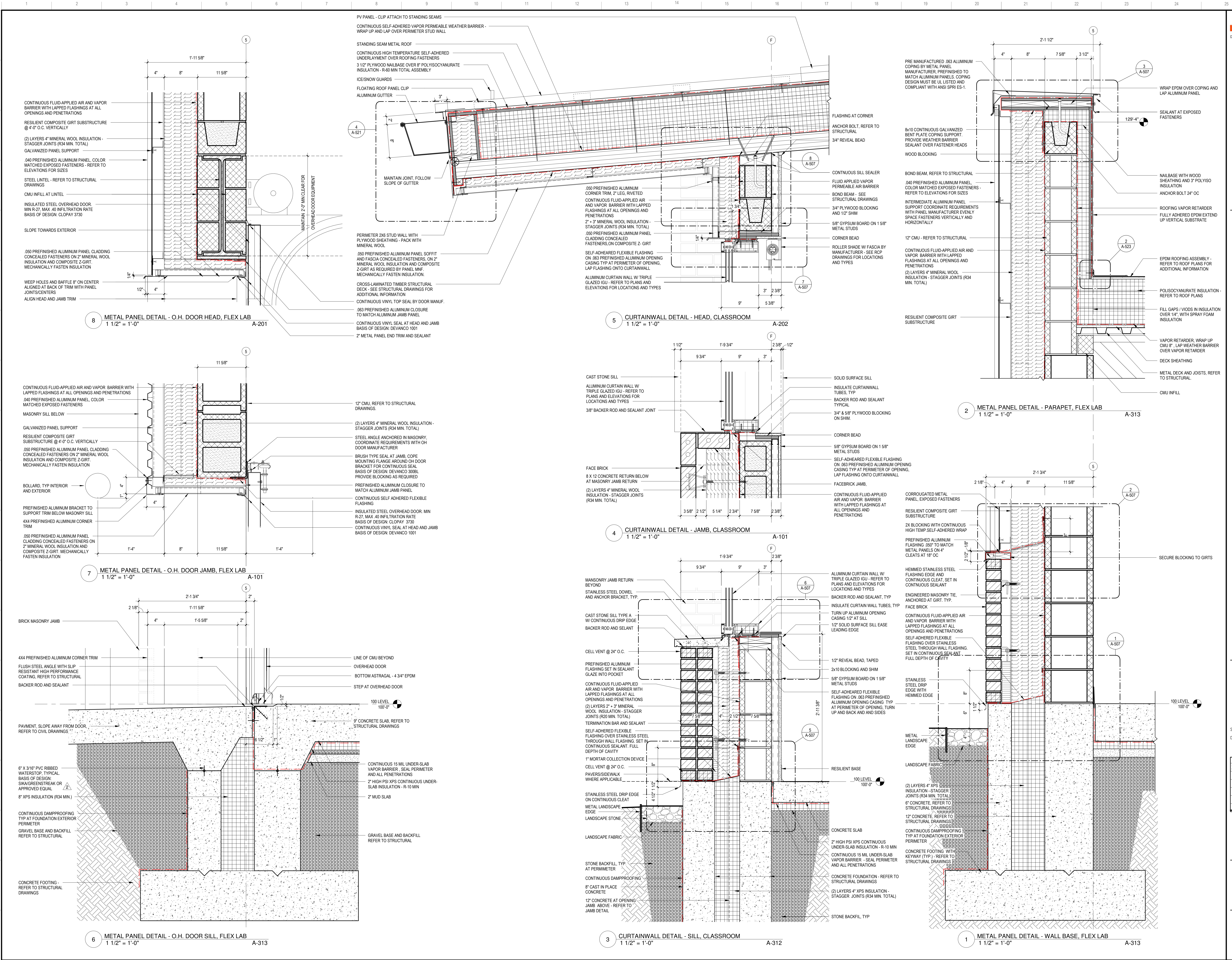


SIGNATURE
DATE 05/27/22

REVISIONS		
NO.	DESCRIPTION	DATE
2	ADDENDUM 002	03/25/22
5	IFC	05/27/22

PROJECT NUMBER 221056.00
DATE OF ISSUE 5.27.2022
DRAWN BY AQ
CHECKED BY LJ

ENVELOPE DETAILS



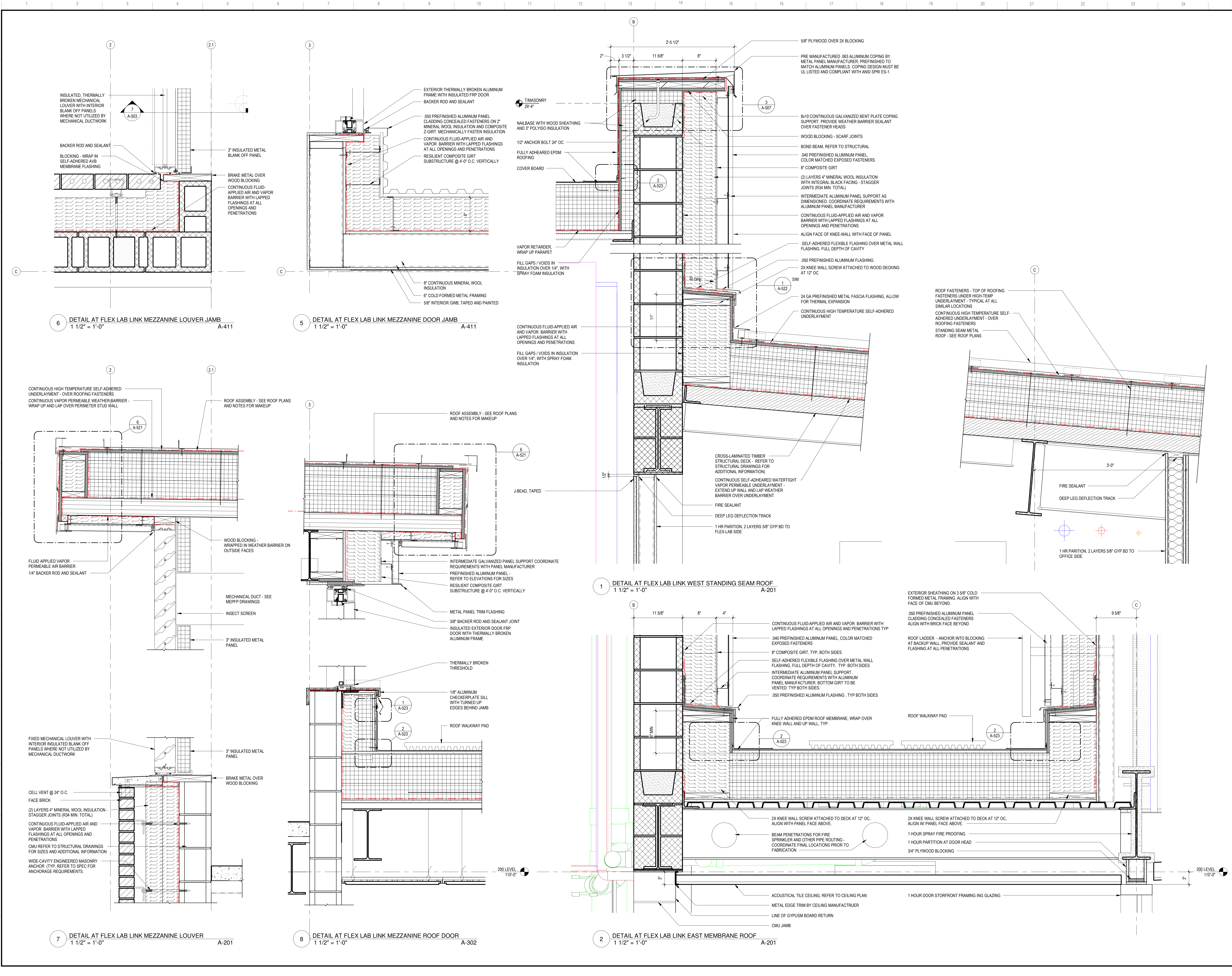


SIGNATURE
DATE 05/27/22

REVISIONS		
NO.	DESCRIPTION	DATE
5	IFC	05/27/22

PROJECT NUMBER 221056.00
DATE OF ISSUE 5.27.2022
DRAWN BY AQ
CHECKED BY LJ

ENVELOPE DETAILS



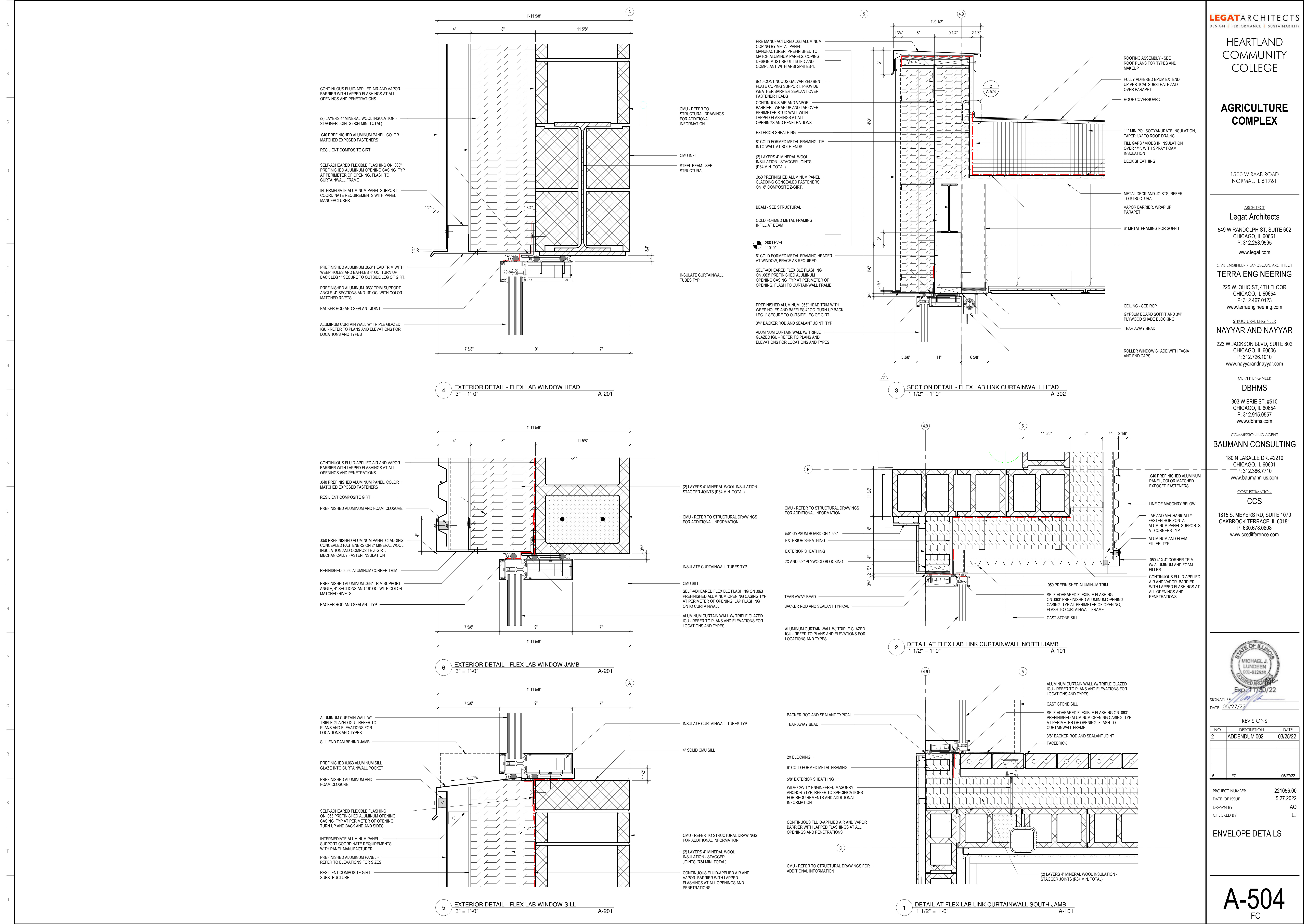


SIGNATURE
DATE 05/27/22

REVISIONS		
NO.	DESCRIPTION	DATE
2	ADDENDUM 002	03/25/22
5	IFC	05/27/22

PROJECT NUMBER 221056.00
DATE OF ISSUE 5.27.2022
DRAWN BY AQ
CHECKED BY LJ

ENVELOPE DETAILS



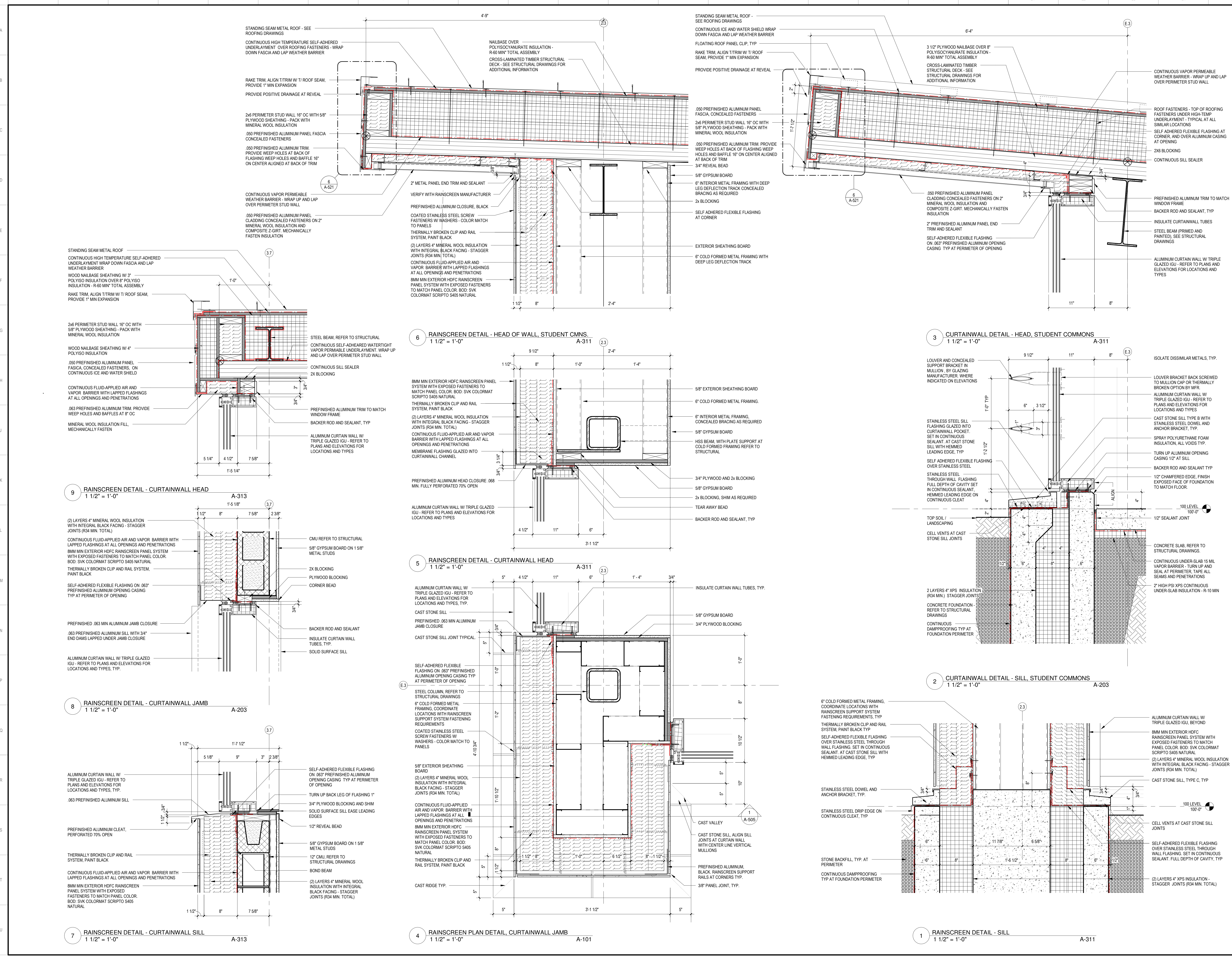


SIGNATURE
DATE 05/27/22

REVISIONS		
NO.	DESCRIPTION	DATE
5	IFC	05/27/22

PROJECT NUMBER 221056.00
DATE OF ISSUE 5.27.2022
DRAWN BY AQ
CHECKED BY LJ

ENVELOPE DETAILS



**HEARTLAND
COMMUNITY
COLLEGE**

**AGRICULTURE
COMPLEX**

1500 W RAAB ROAD
NORMAL, IL 61761

ARCHITECT
Legat Architects

549 W RANDOLPH ST, SUITE 602
CHICAGO, IL 60661
P: 312.258.9595
www.legat.com

CIVIL ENGINEER / LANDSCAPE ARCHITECT
TERRA ENGINEERING

225 W. OHIO ST, 4TH FLOOR
CHICAGO, IL 60654
P: 312.467.0123
www.terraengineering.com

STRUCTURAL ENGINEER
NAYYAR AND NAYYAR

223 W JACKSON BLVD, SUITE 802
CHICAGO, IL 60606
P: 312.726.1010
www.nayyarandnayyar.com

MEP/FP ENGINEER
DBHMS

303 W ERIE ST, #510
CHICAGO, IL 60654
P: 312.915.0557
www.dbhms.com

COMMISSIONING AGENT
BAUMANN CONSULTING

180 N LASALLE DR. #2210
CHICAGO, IL 60601
P: 312.386.7710
www.baumann-us.com

COST ESTIMATION
CCS

1815 S. MEYERS RD, SUITE 1070
OAKBROOK TERRACE, IL 60181
P: 630.678.0808
www.ccsdifferenc.com



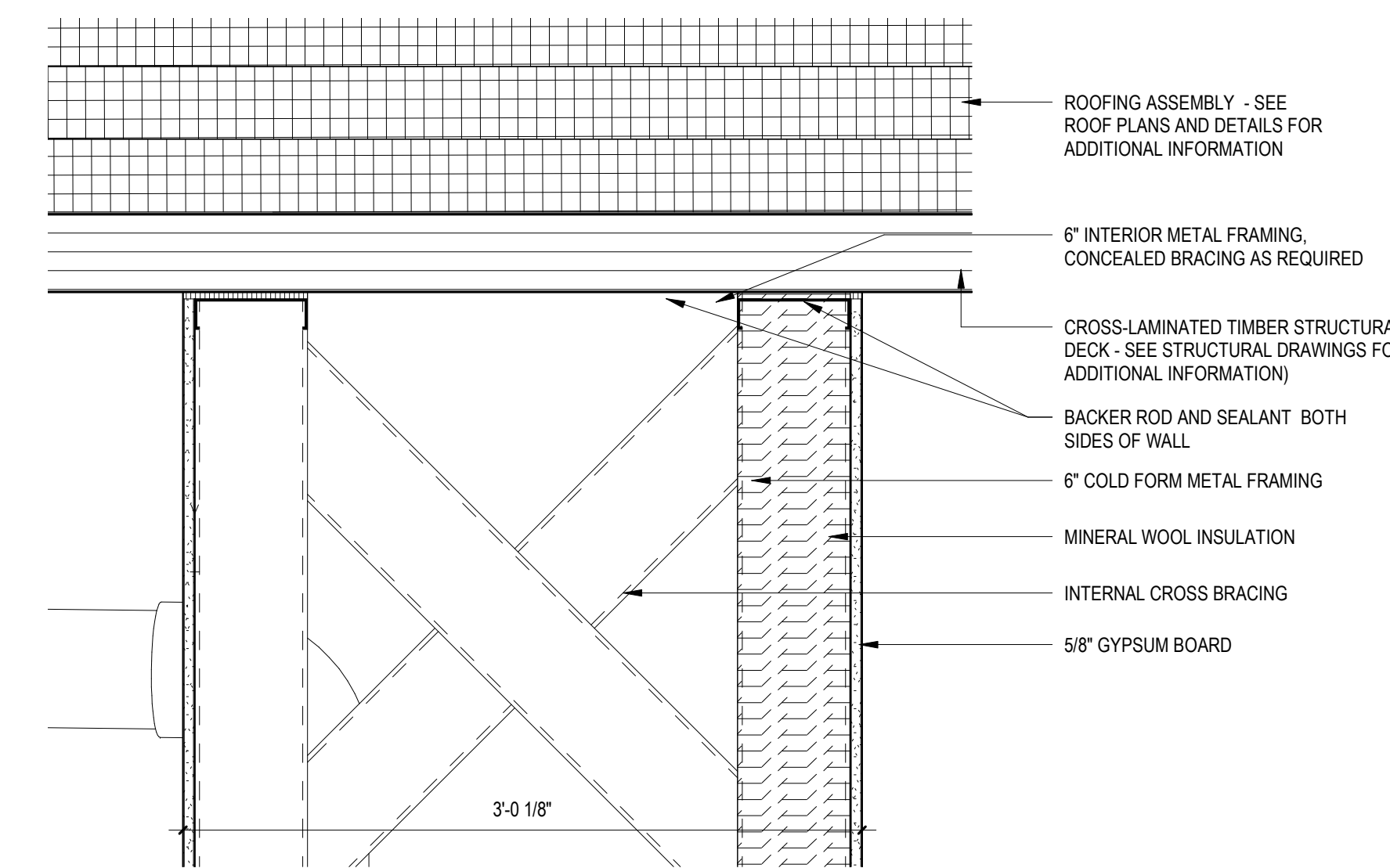
SIGNATURE
DATE 05/27/22

REVISIONS		
NO.	DESCRIPTION	DATE
5	IFC	05/27/22

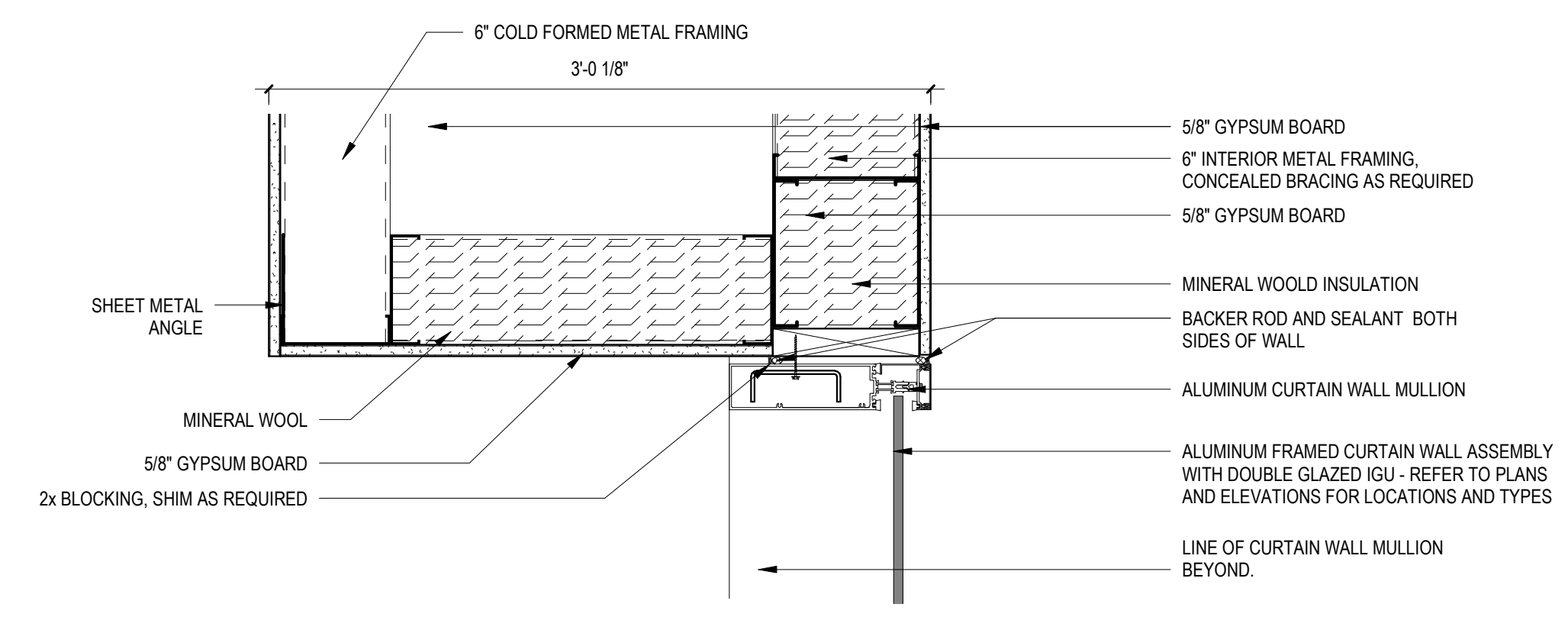
PROJECT NUMBER 221056.00
DATE OF ISSUE 5.27.2022
DRAWN BY JK
CHECKED BY LJ

**ENVELOPE DETAILS -
ENTRANCE
CURTAINWALL**

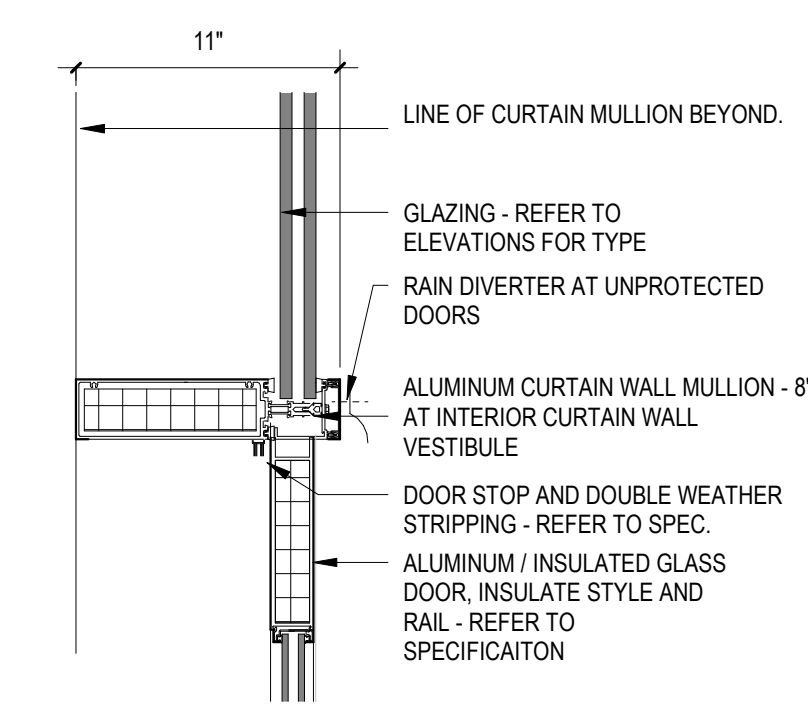
A-506
IFC



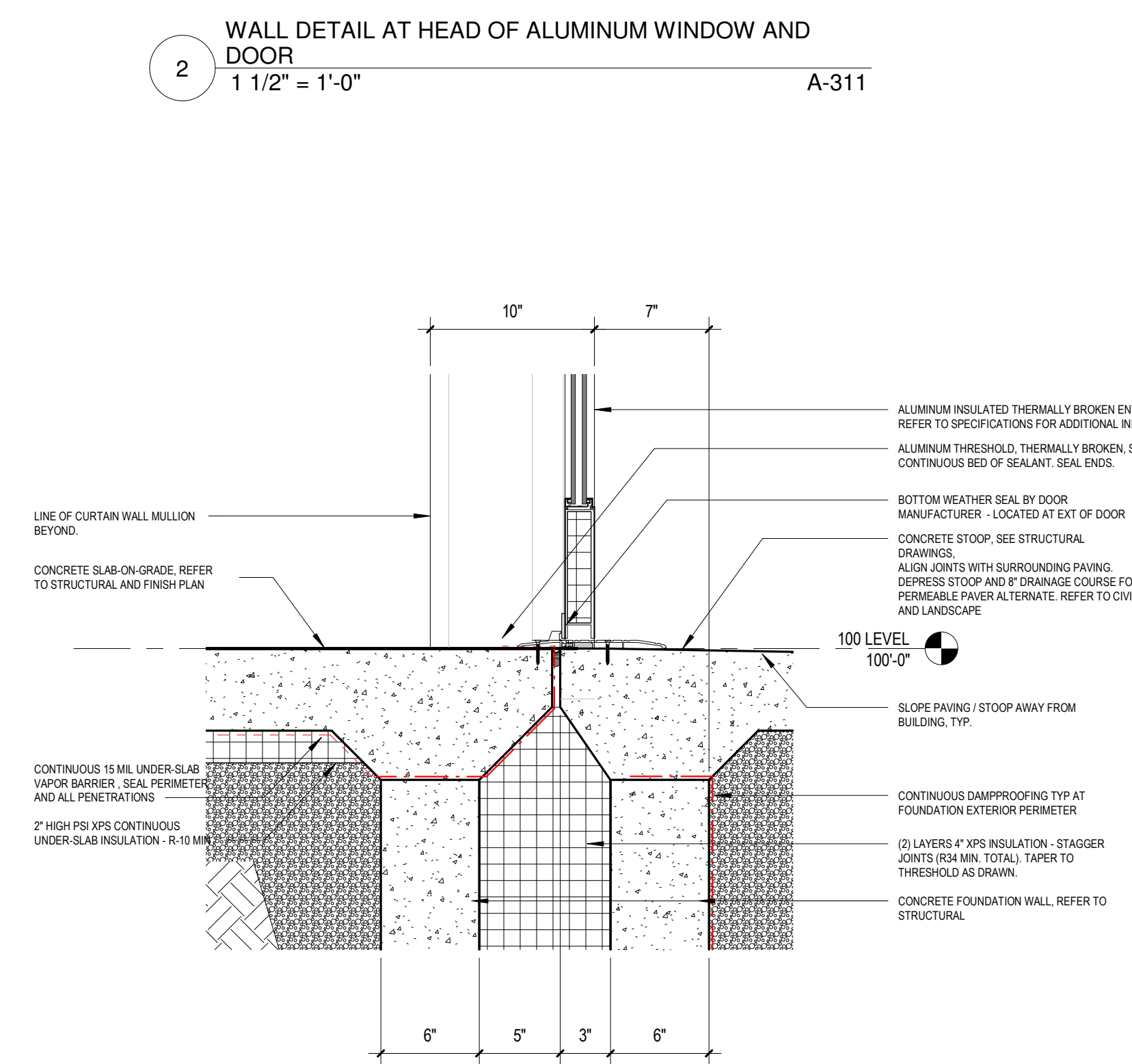
4 WALL DETAIL AT HEAD OF ALUMINUM WINDOW
1 1/2" = 1'-0" A-311



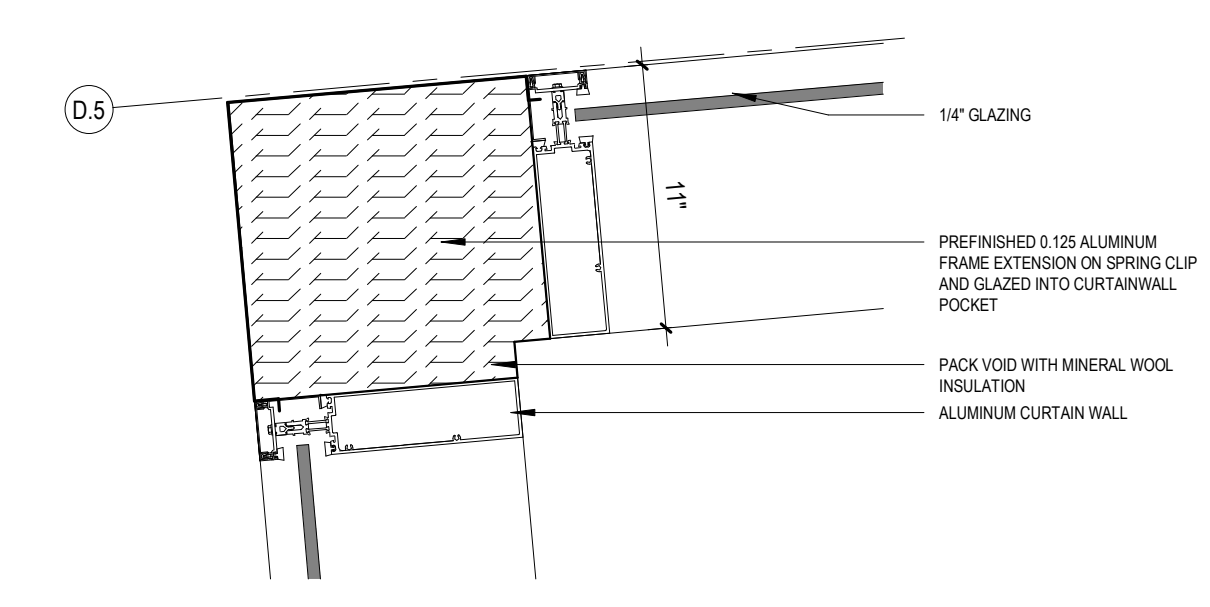
3 WALL DETAIL AT HEAD OF ALUMINUM WINDOW
1 1/2" = 1'-0" A-212



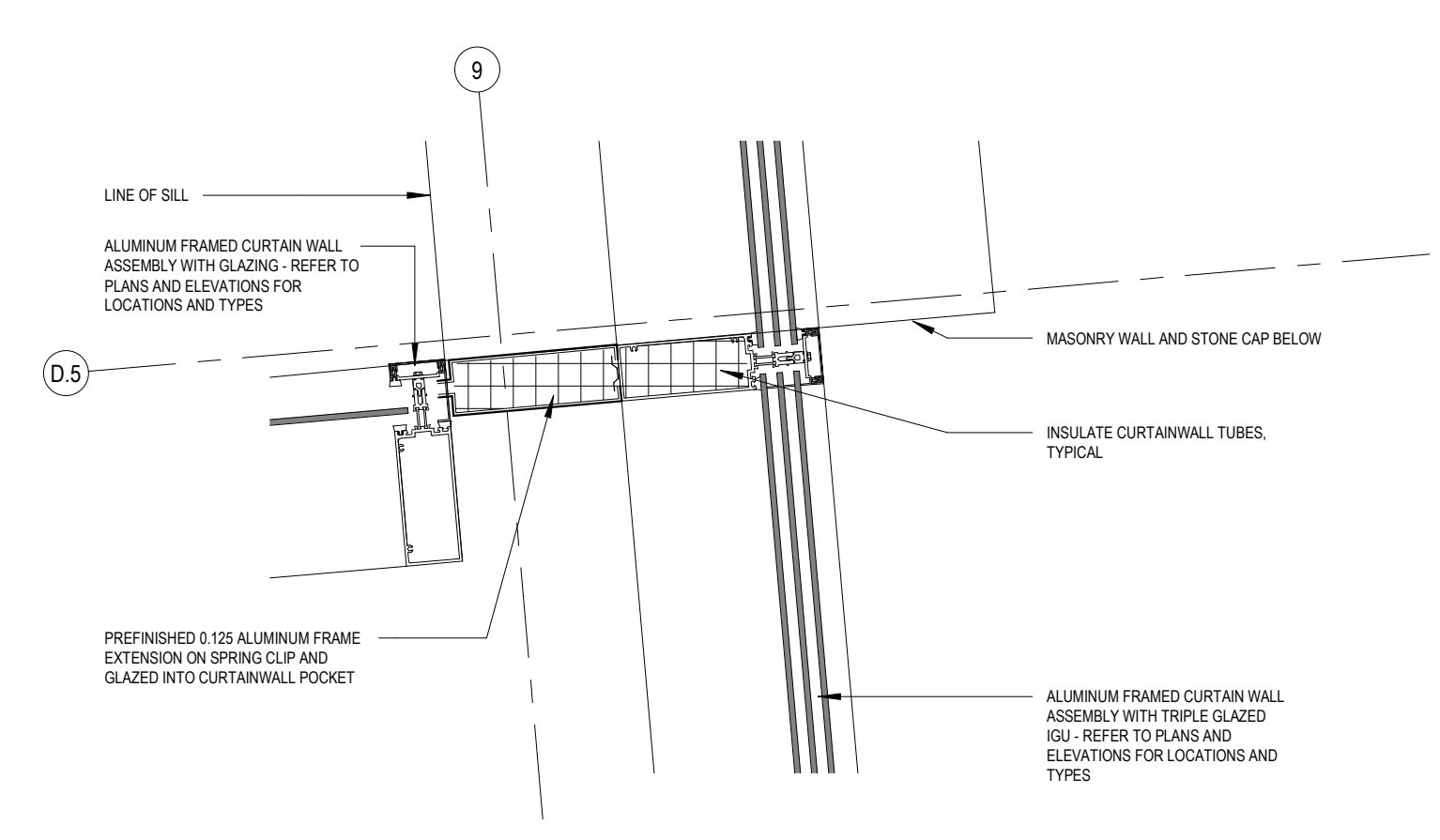
2 WALL DETAIL AT HEAD OF ALUMINUM WINDOW AND DOOR
1 1/2" = 1'-0" A-311



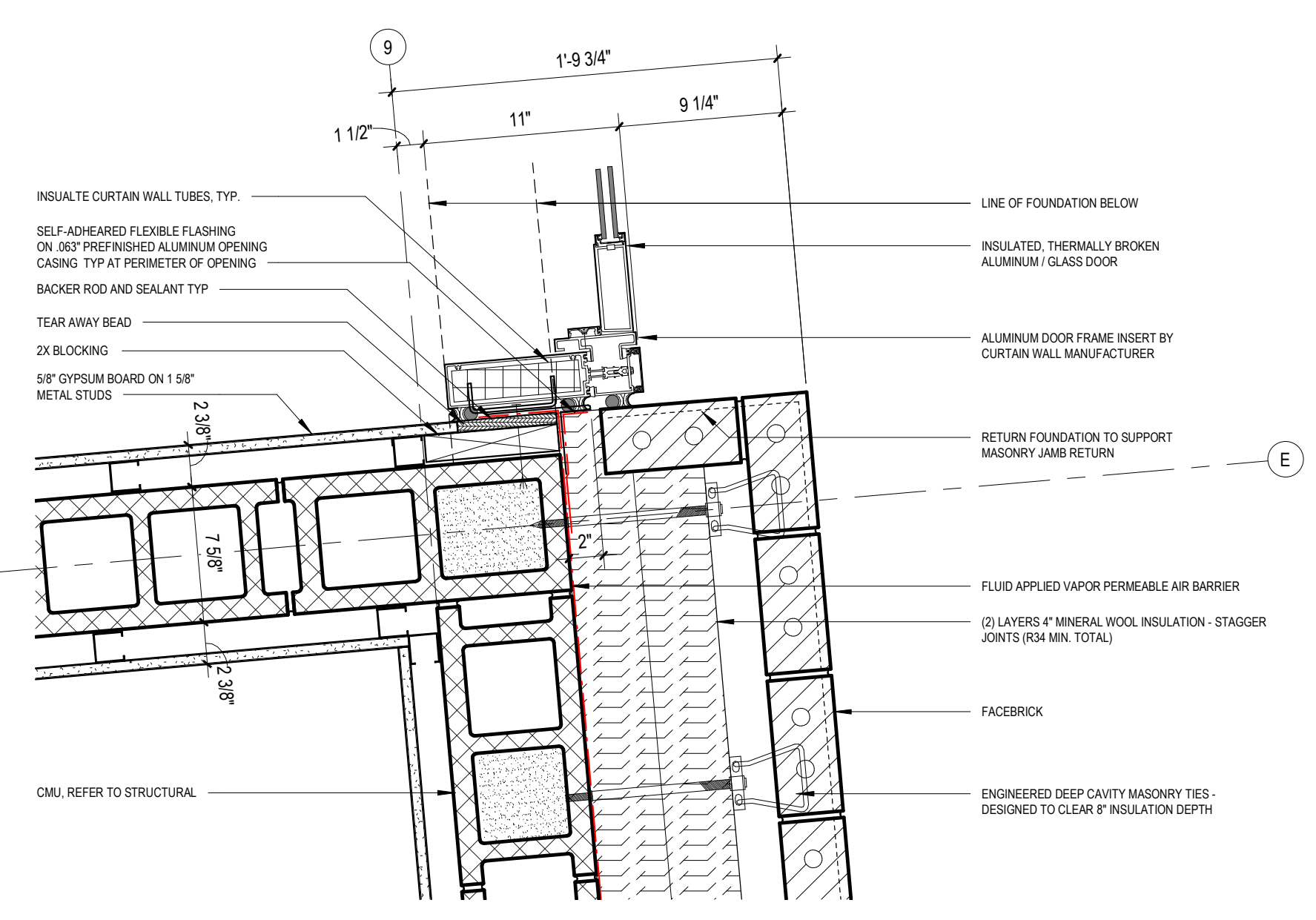
1 EXTERIOR DETAIL - ENTRANCE
1 1/2" = 1'-0" A-311



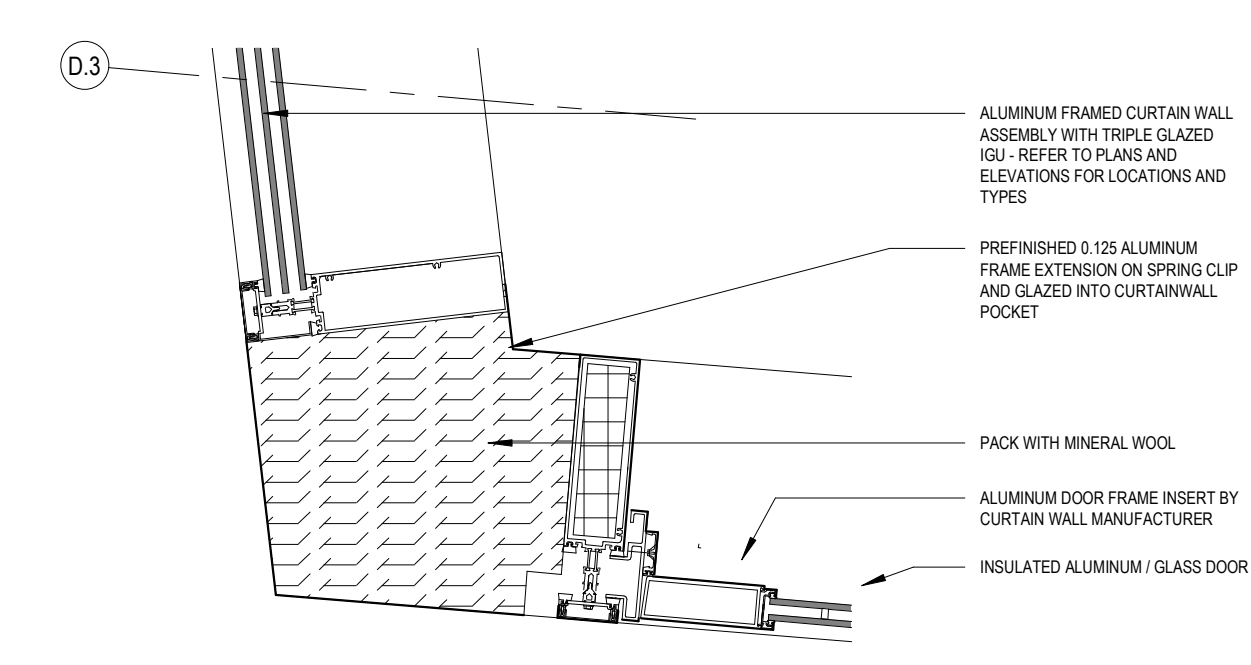
7 PLAN DETAIL EAST VEST. CURTAINWALL CORNER DETAIL
1 1/2" = 1'-0" A-101



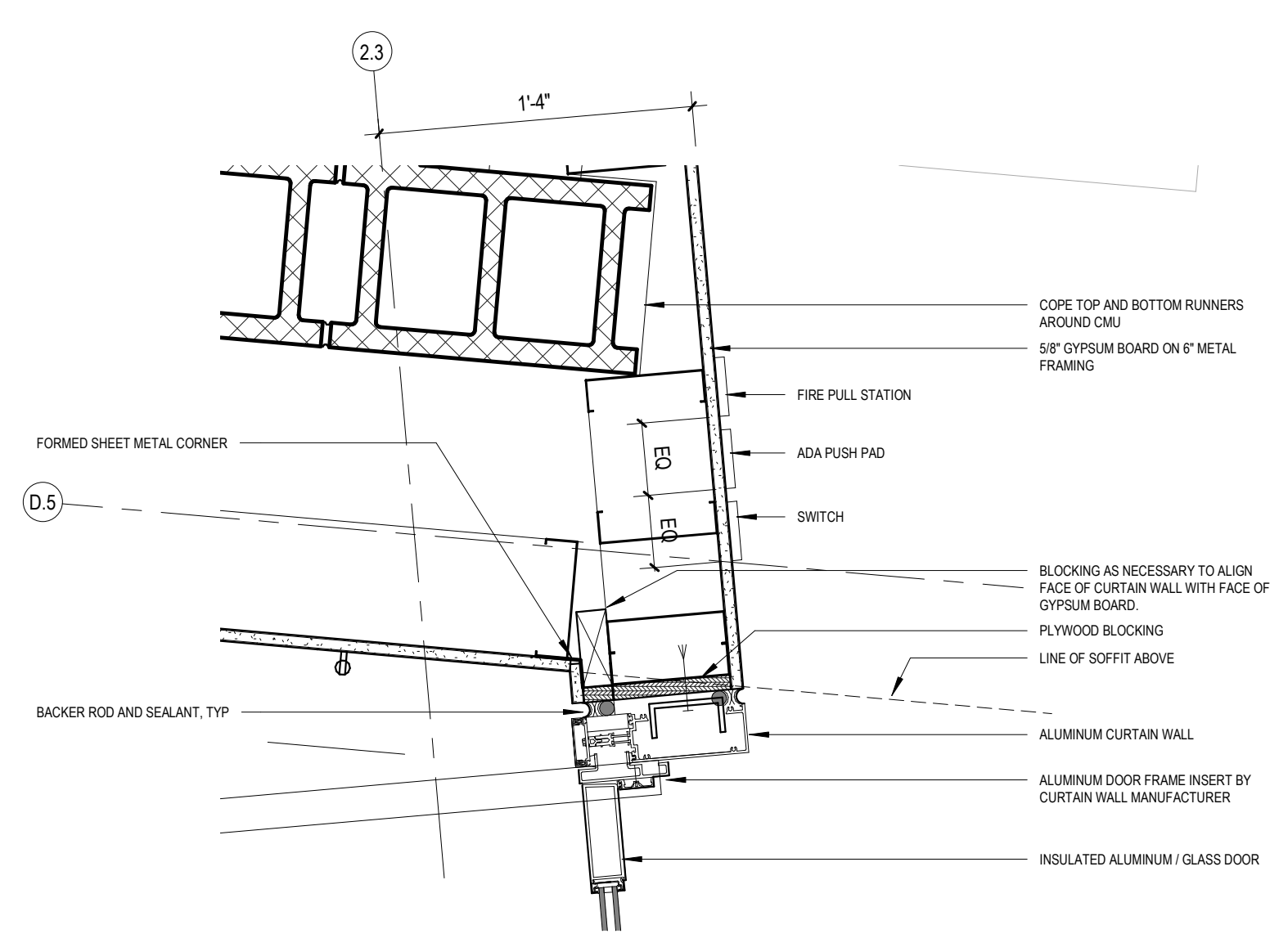
10 01 PLAN DETAIL EAST VEST. CURTAINWALL INTERSECTION
1 1/2" = 1'-0" A-101



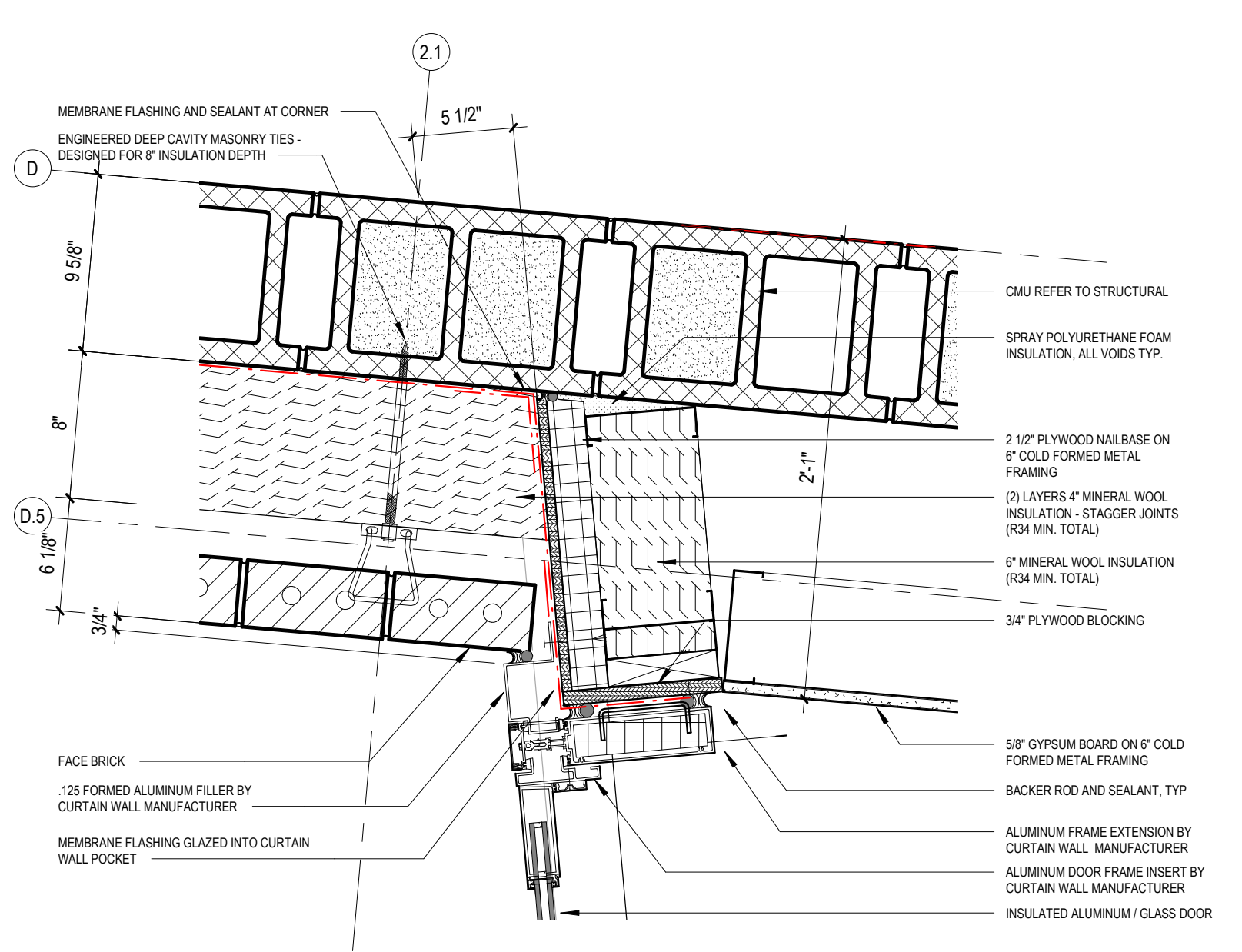
5 PLAN DETAIL EAST VESTIBULE CURTAINWALL JAMB
1 1/2" = 1'-0" A-101



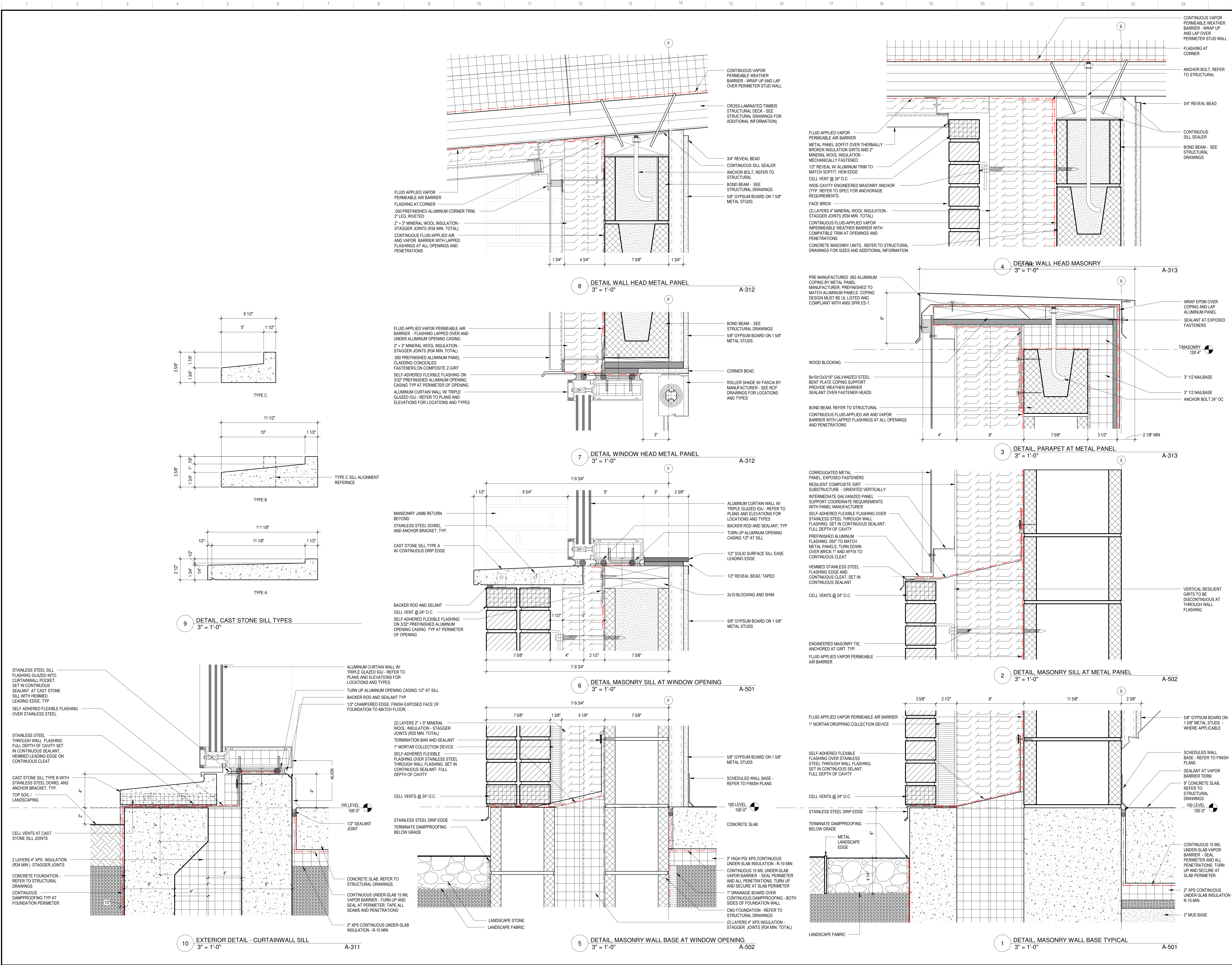
6 PLAN DETAIL WEST VEST. CURTAINWALL CORNER DETAIL
1 1/2" = 1'-0" A-203



9 PLAN DETAIL WEST VEST. CURTAINWALL JAMB INT.
1 1/2" = 1'-0" A-203



8 PLAN DETAIL WEST VEST. CURTAINWALL JAMB EXT
1 1/2" = 1'-0" A-101



SIGNATURE
DATE 05/27/22

REVISIONS		
NO.	DESCRIPTION	DATE
5	IFC	05/27/22

PROJECT NUMBER 221056.00
DATE OF ISSUE 5.27.2022
DRAWN BY AQ
CHECKED BY LJ

**ENVELOPE DETAILS -
ENLARGED DETAILS**



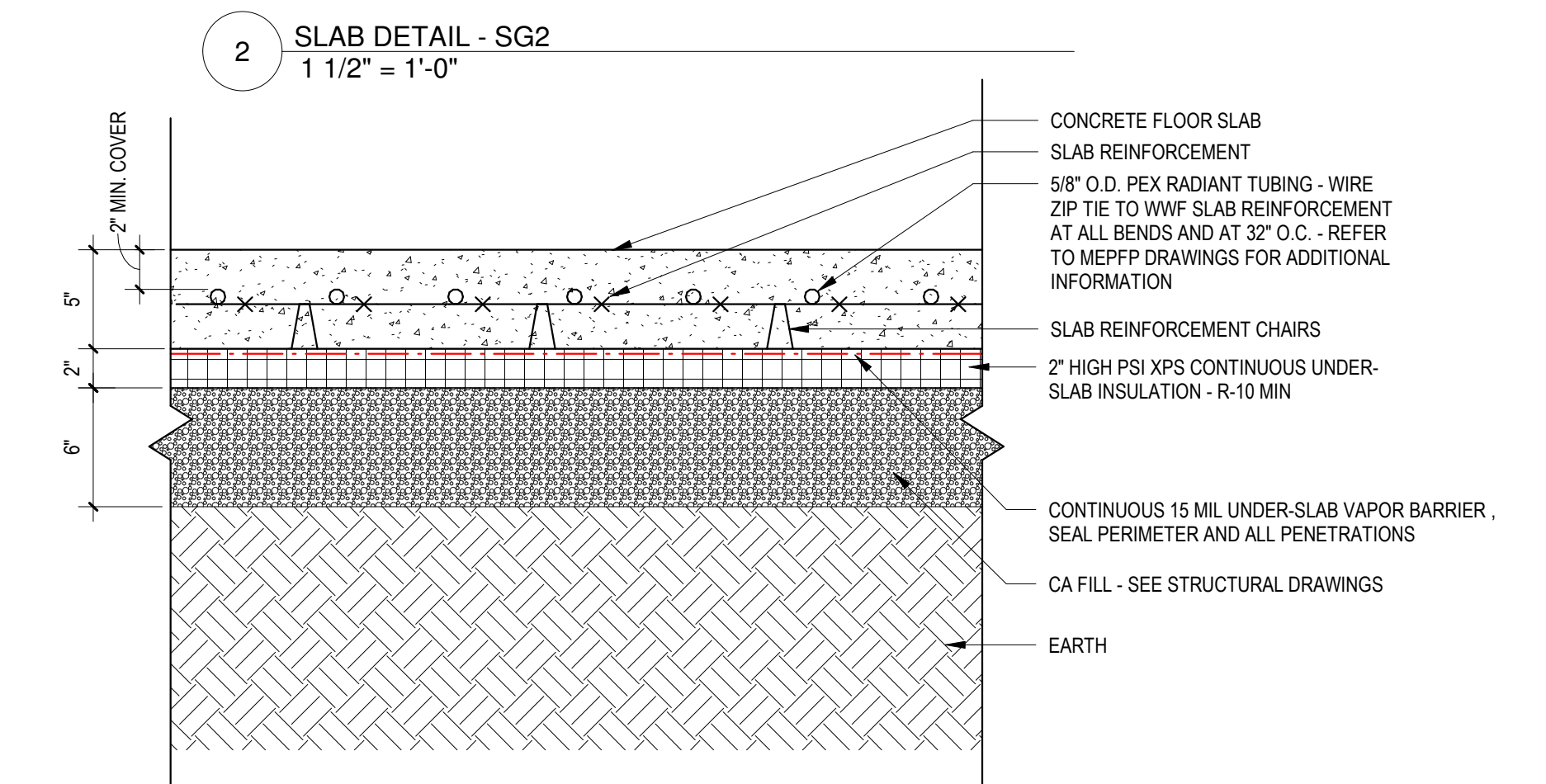
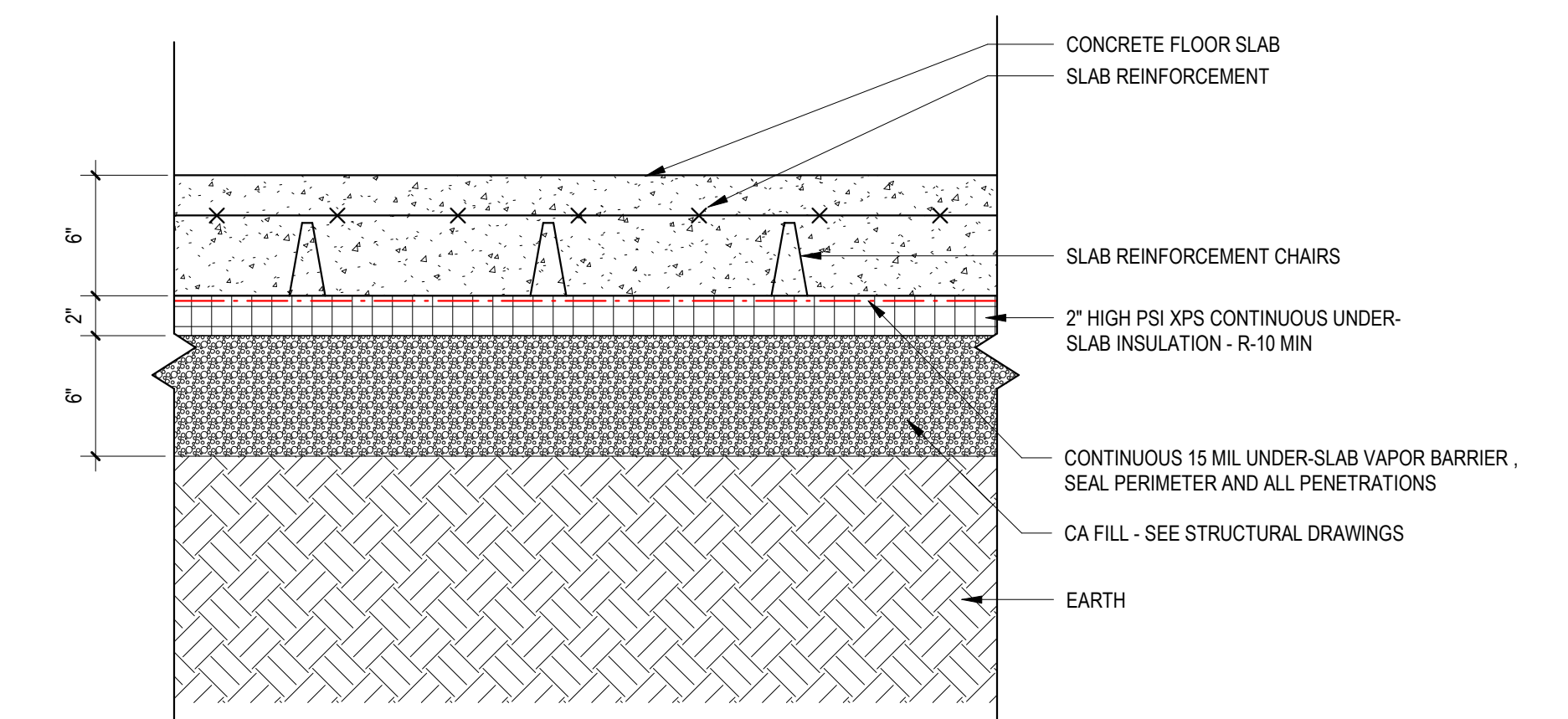
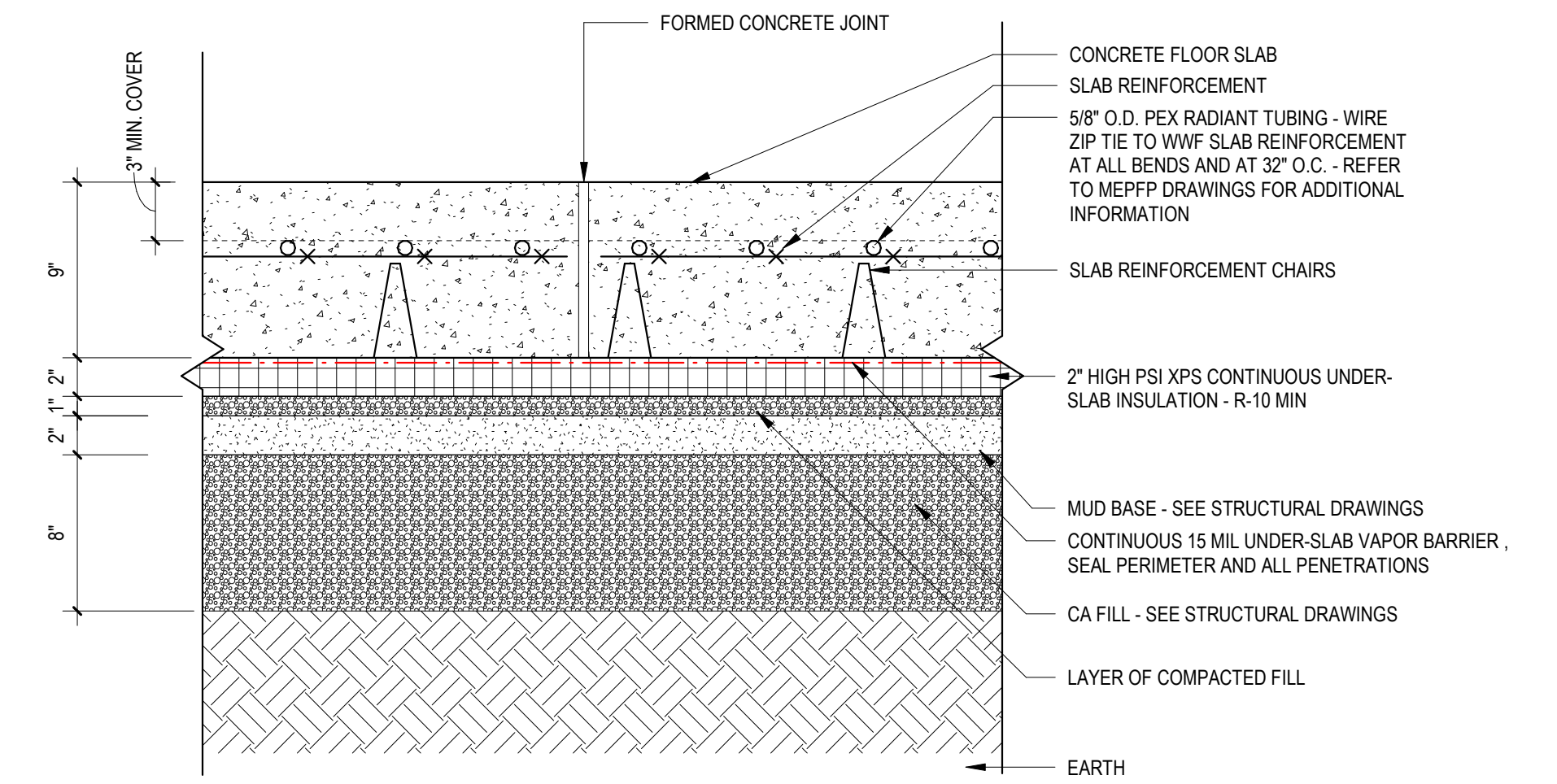
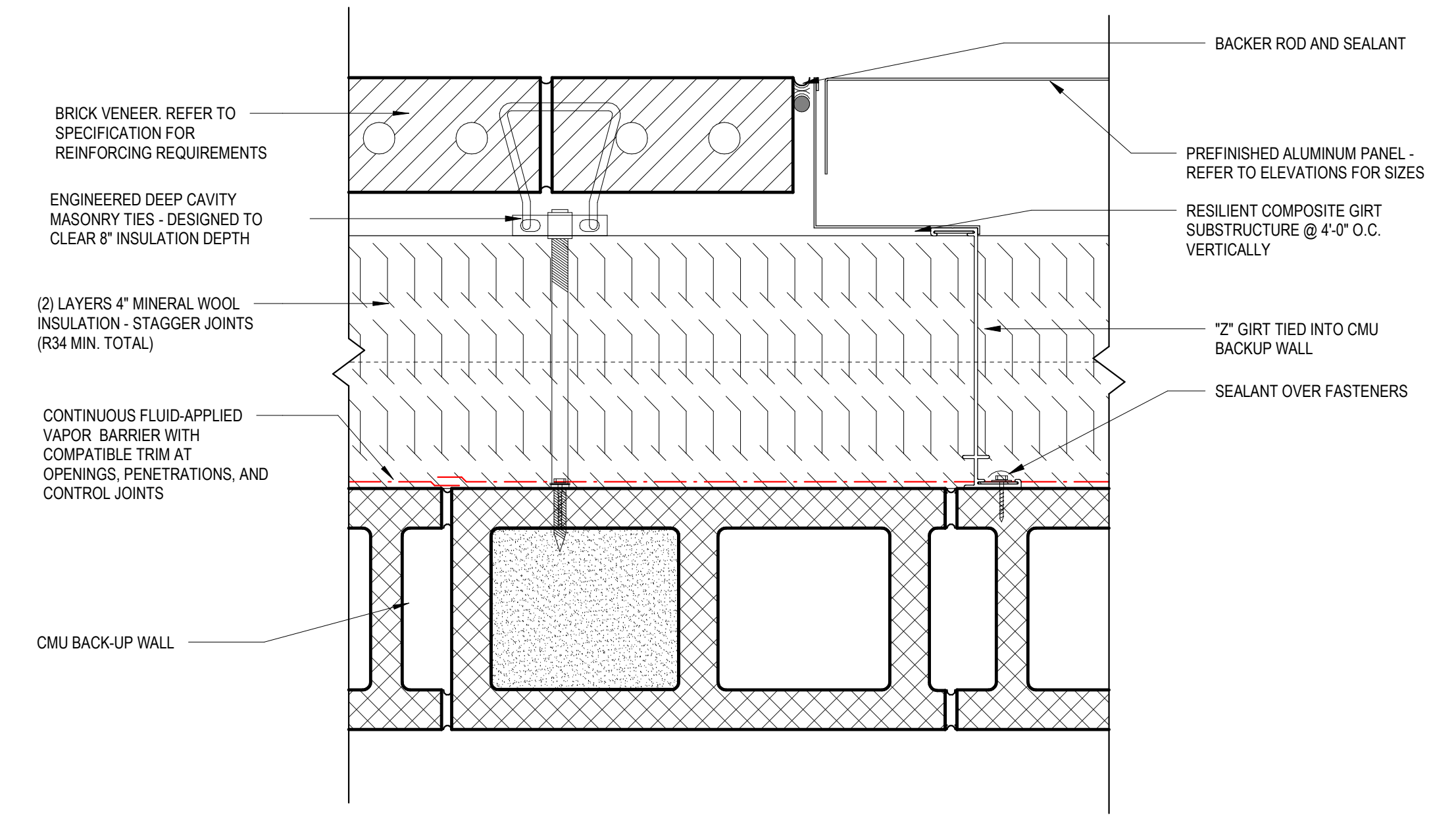
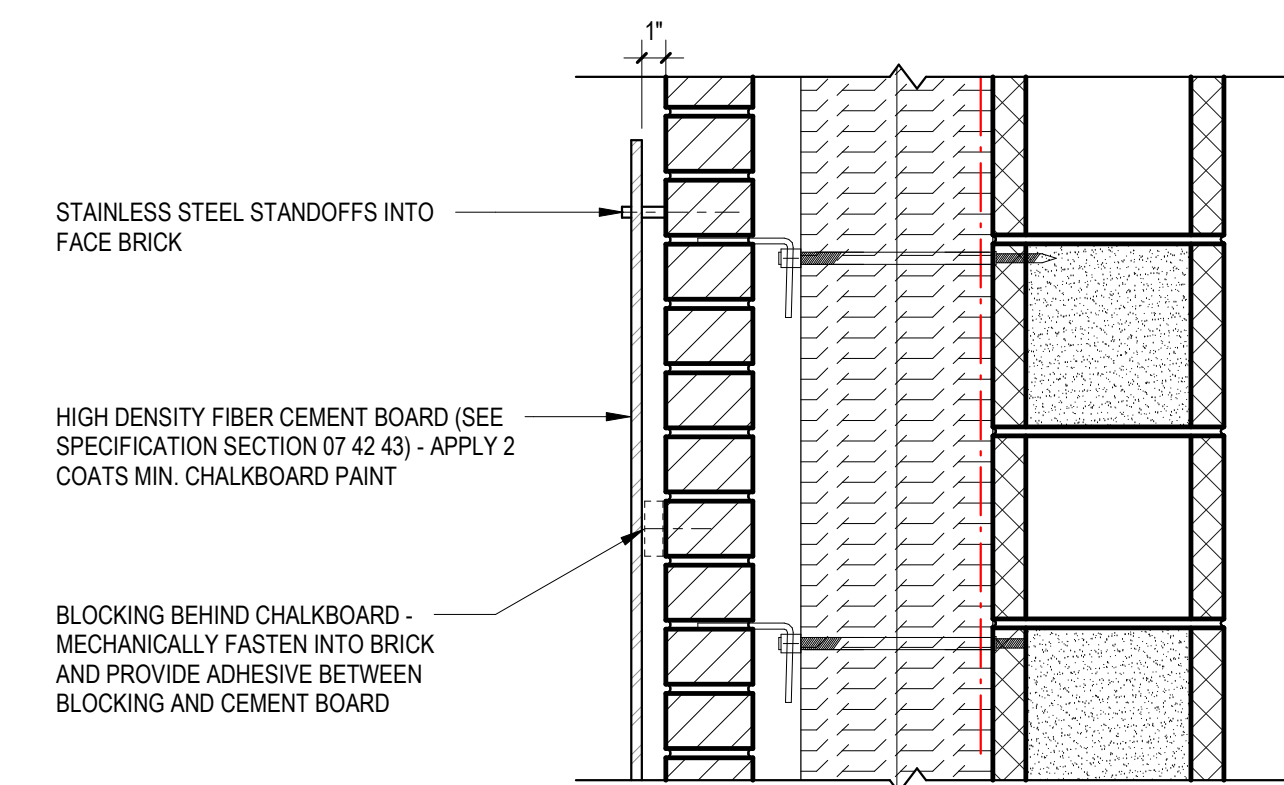
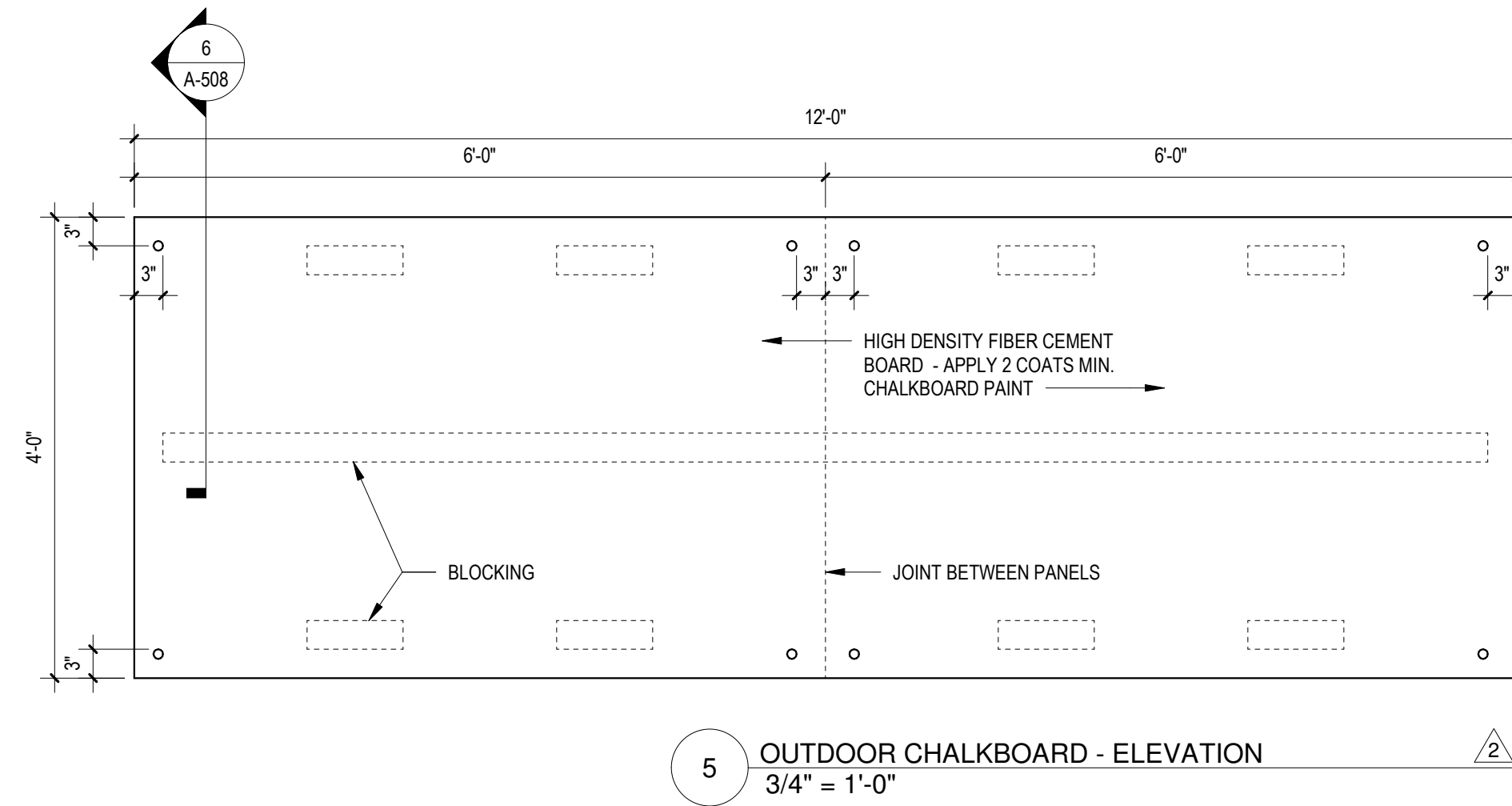
SIGNATURE: _____
DATE: 05/27/22

REVISIONS		
NO.	DESCRIPTION	DATE
2	ADDENDUM 002	03/25/22
5	IFC	05/27/22

PROJECT NUMBER: 221056.00
DATE OF ISSUE: 5.27.2022
DRAWN BY: LJ
CHECKED BY: AQ

ENVELOPE DETAILS

A-508
IFC



GENERAL NOTES: THRESHOLDS

1. ALL ALUMINUM THRESHOLDS TO BE FIRE RATED (FR) & CONFORM TO UL 19C.
2. USE ALUMINUM THRESHOLD UNDER ALL RATED DOORS (UNLESS FLOOR IS EXPOSED CONCRETE).
3. ALL ALUMINUM THRESHOLDS TO BE ANCHORED TO CONCRETE WITH FLAT HEAD METAL FINISH TO MATCH ALUMINUM EXPANSION ANCHORS.
4. RESILIENT FLOORING = VCT OR RUBBER OR LINOLEUM FLOORING.
5. CARPET = CARPET OR CARPET TILE.
6. TILE = PORCELAIN OR CERAMIC OR MOSAIC TILE.

LEGAT ARCHITECTS
 DESIGN | PERFORMANCE | SUSTAINABILITY

HEARTLAND COMMUNITY COLLEGE

AGRICULTURE COMPLEX

1500 W RAAB ROAD
 NORMAL, IL 61761

ARCHITECT
Legat Architects
 549 W RANDOLPH ST, SUITE 602
 CHICAGO, IL 60661
 P: 312.258.9595
 www.legat.com

CIVIL ENGINEER / LANDSCAPE ARCHITECT
TERRA ENGINEERING
 225 W. OHIO ST, 4TH FLOOR
 CHICAGO, IL 60654
 P: 312.467.0123
 www.terraengineering.com

STRUCTURAL ENGINEER
NAYYAR AND NAYYAR
 223 W JACKSON BLVD, SUITE 802
 CHICAGO, IL 60606
 P: 312.726.1010
 www.nayyarandnayyar.com

MEP/FP ENGINEER
DBHMS
 303 W ERIE ST, #510
 CHICAGO, IL 60654
 P: 312.915.0557
 www.dbhms.com

COMMISSIONING AGENT
BAUMANN CONSULTING
 180 N LASALLE DR. #2210
 CHICAGO, IL 60601
 P: 312.386.7710
 www.baumann-us.com

COST ESTIMATION
CCS
 1815 S MEYERS RD, SUITE 1070
 OAKBROOK TERRACE, IL 60181
 P: 630.678.0808
 www.ccsdifferenc.com



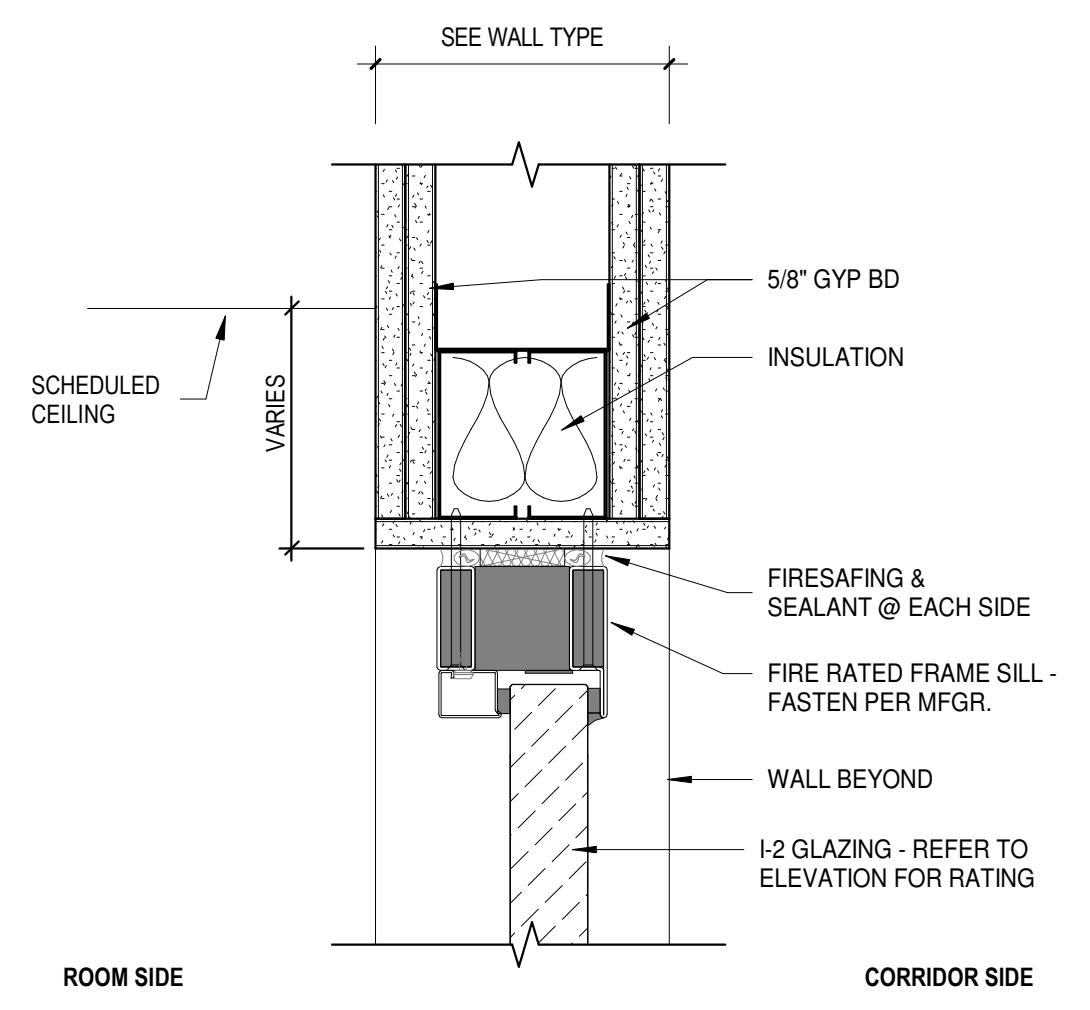
SIGNATURE
 DATE 05/27/22

REVISIONS		
NO.	DESCRIPTION	DATE
5	IFC	05/27/22

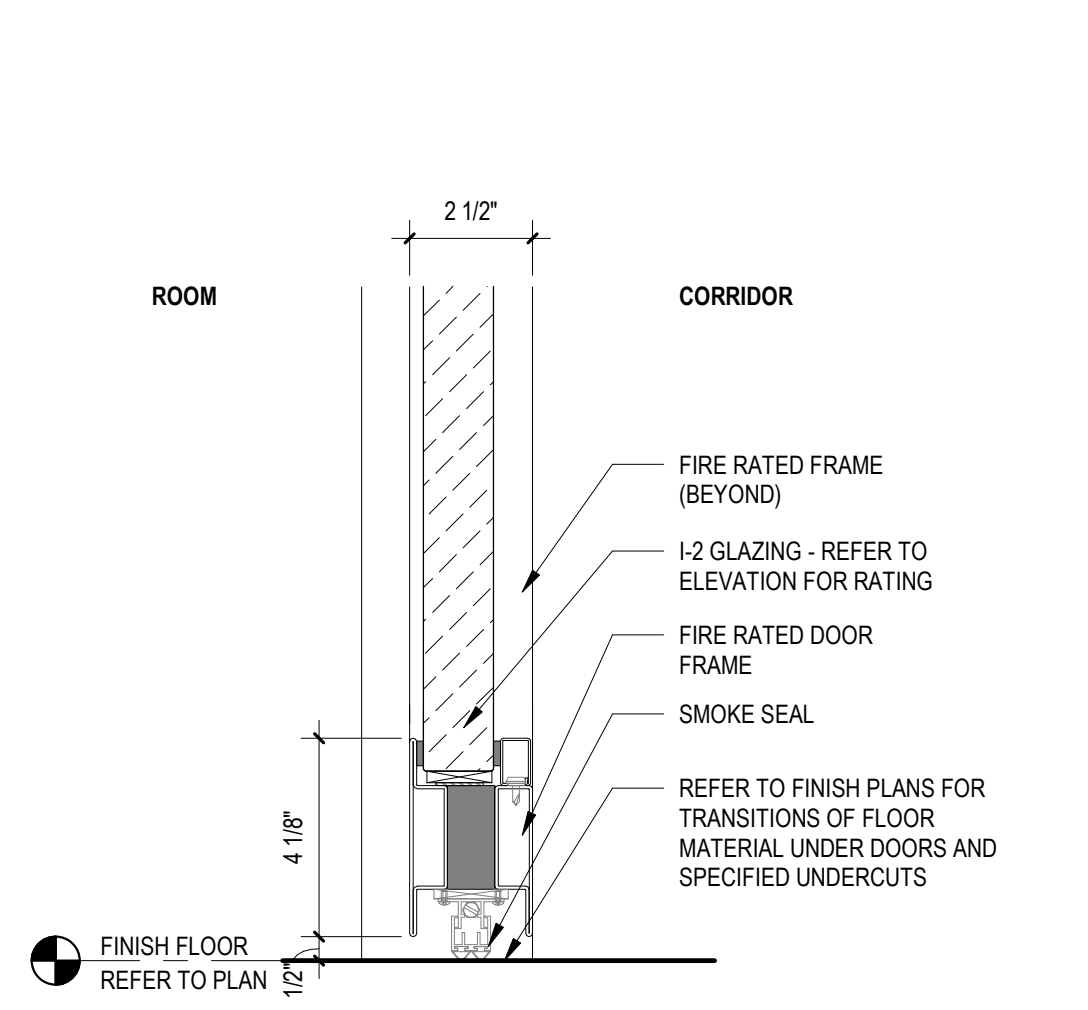
PROJECT NUMBER 221056.00
 DATE OF ISSUE 5.27.2022
 DRAWN BY Author
 CHECKED BY Checker

INTERIOR DETAILS

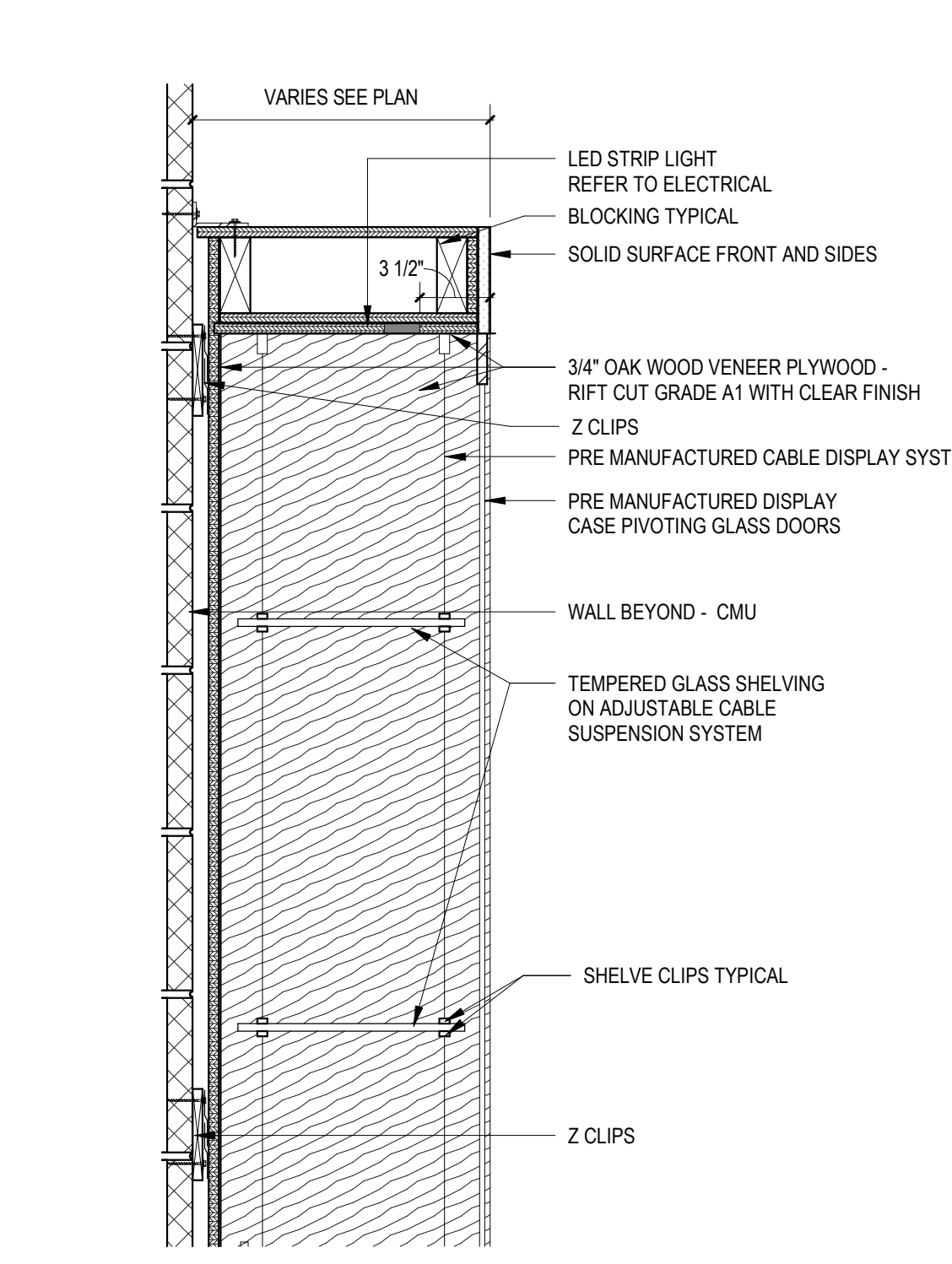
A-511
 IFC



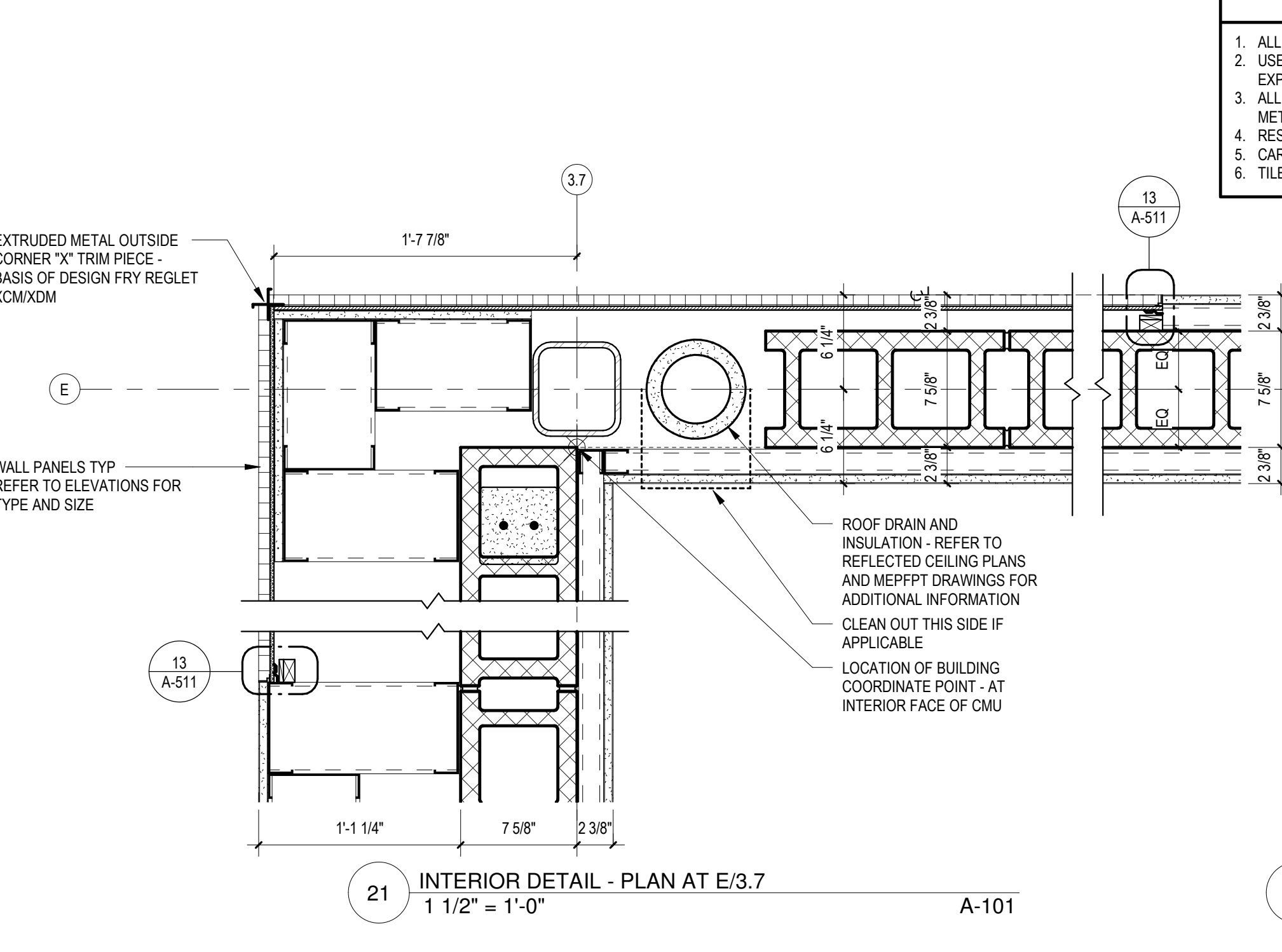
17 FIRE RATED FRAMES - HEAD GYP
 3" = 1'-0" A-212



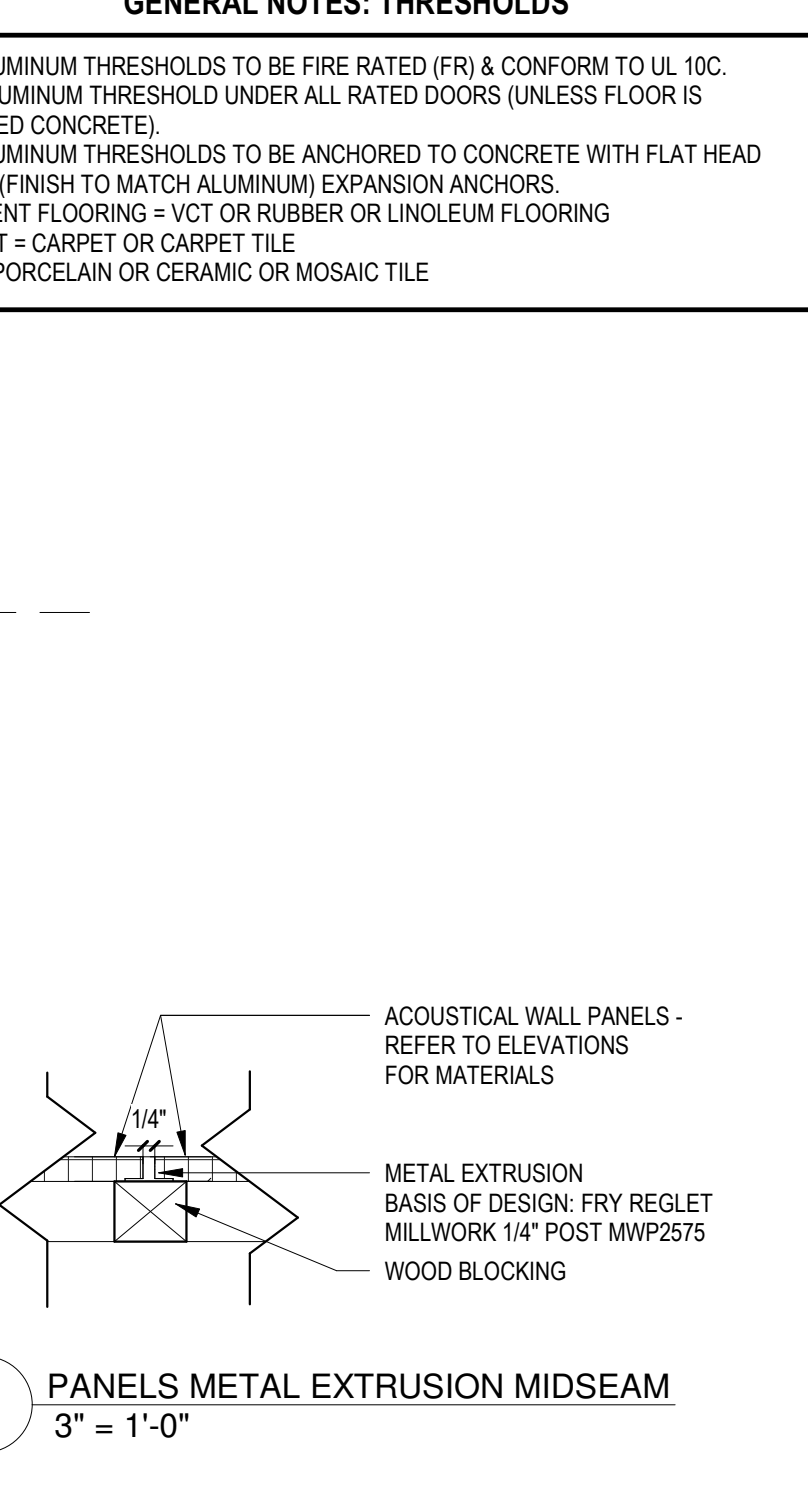
18 FIRE RATED FRAME - DOOR
 3" = 1'-0" A-212



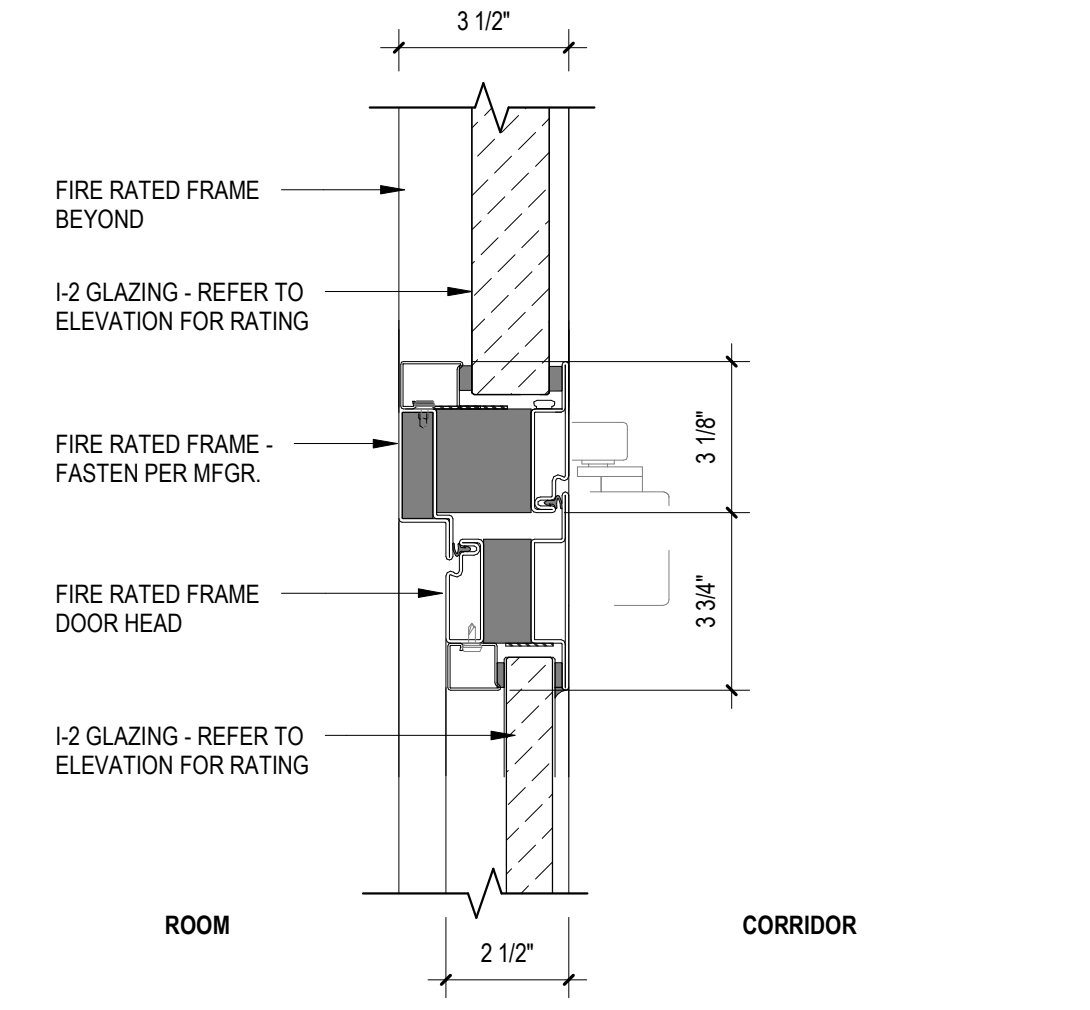
10 INTERIOR DETAIL-DISPLAY CASE TOP
 1 1/2" = 1'-0" A-211



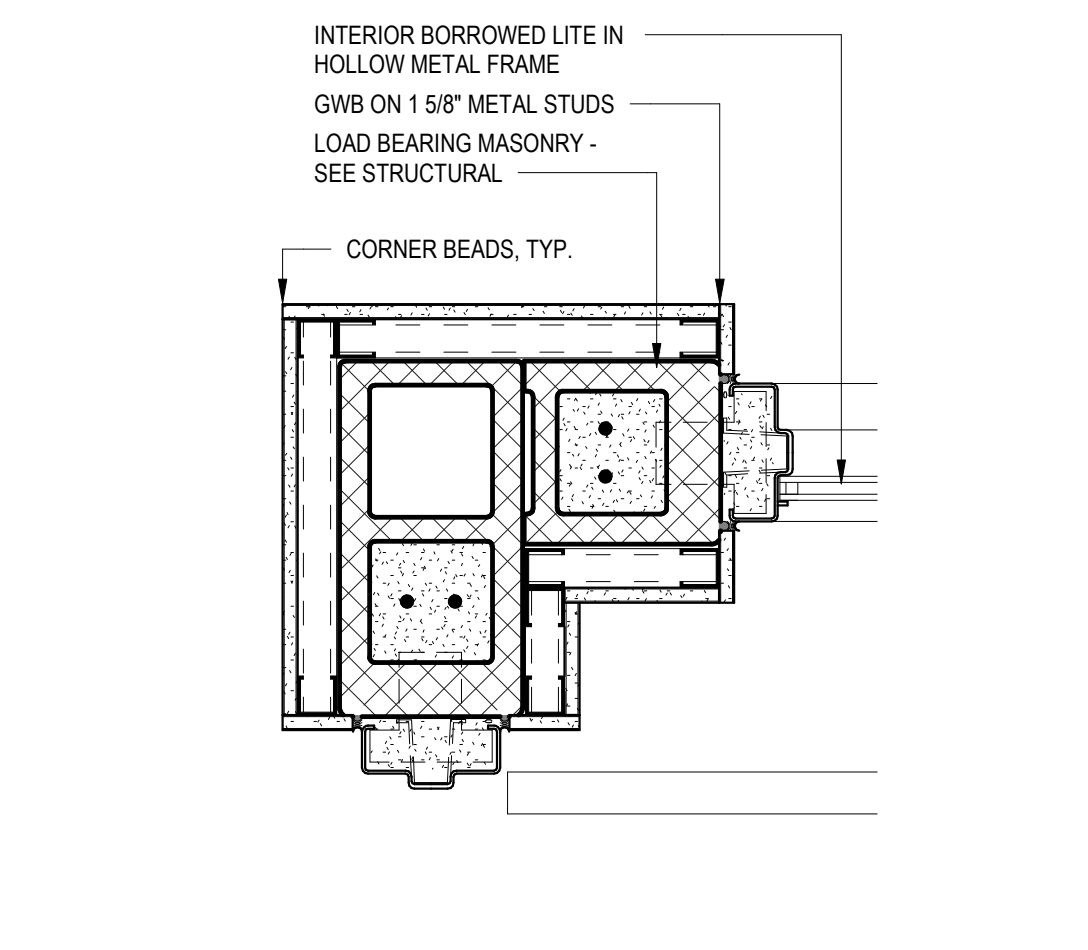
21 INTERIOR DETAIL - PLAN AT E/3.7
 1 1/2" = 1'-0" A-101



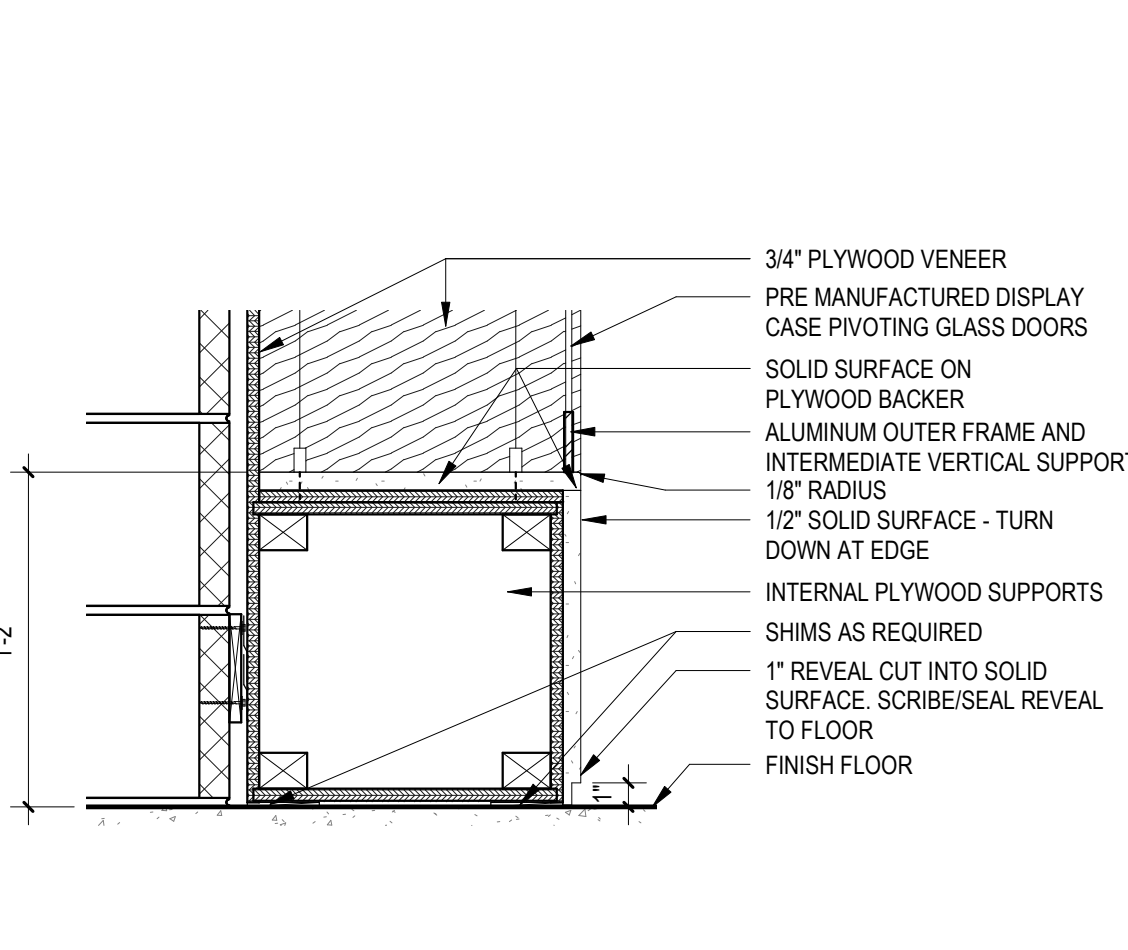
7 PANELS METAL EXTRUSION MIDSEAM
 3" = 1'-0" A-511



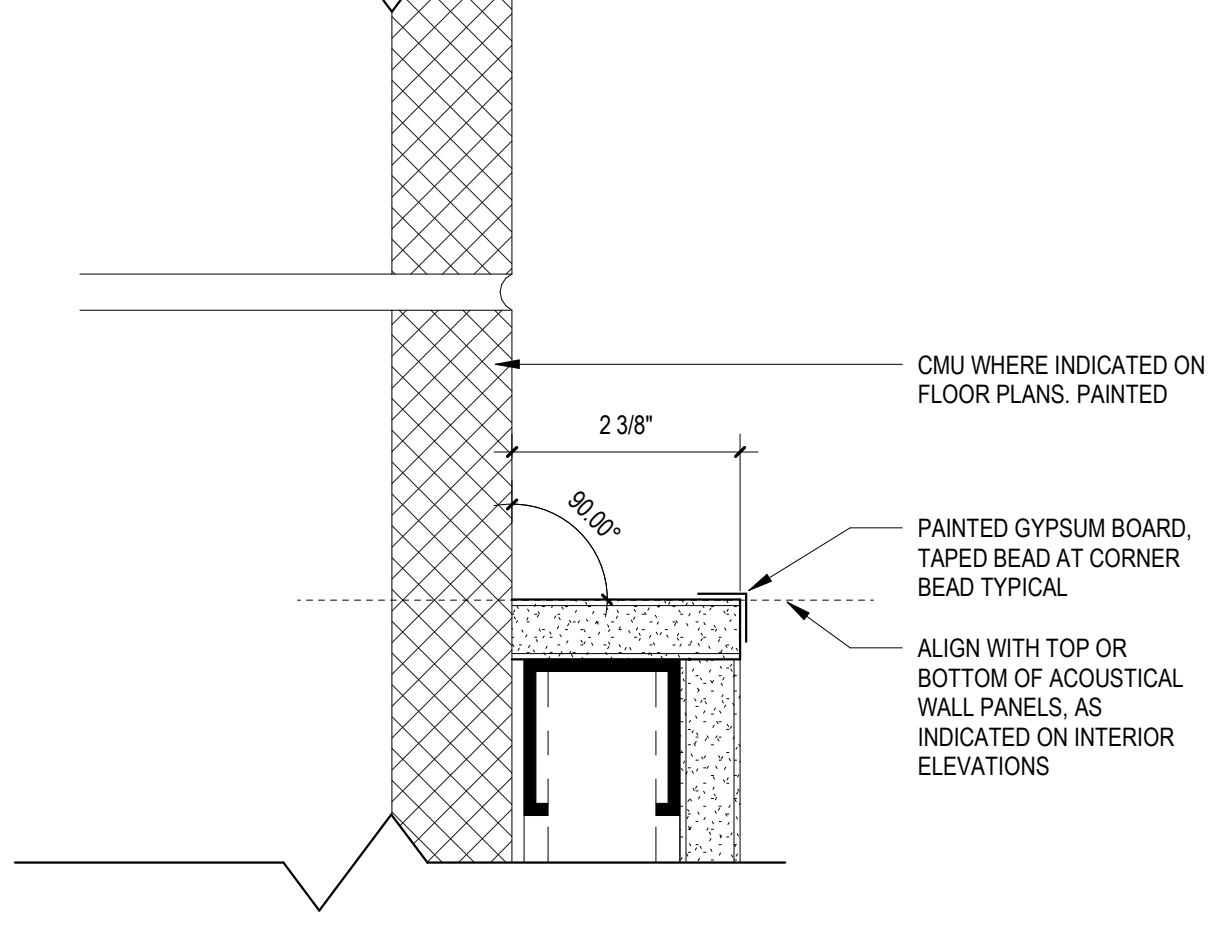
16 FIRE RATED FRAMES - HEAD DETAIL
 3" = 1'-0" A-212



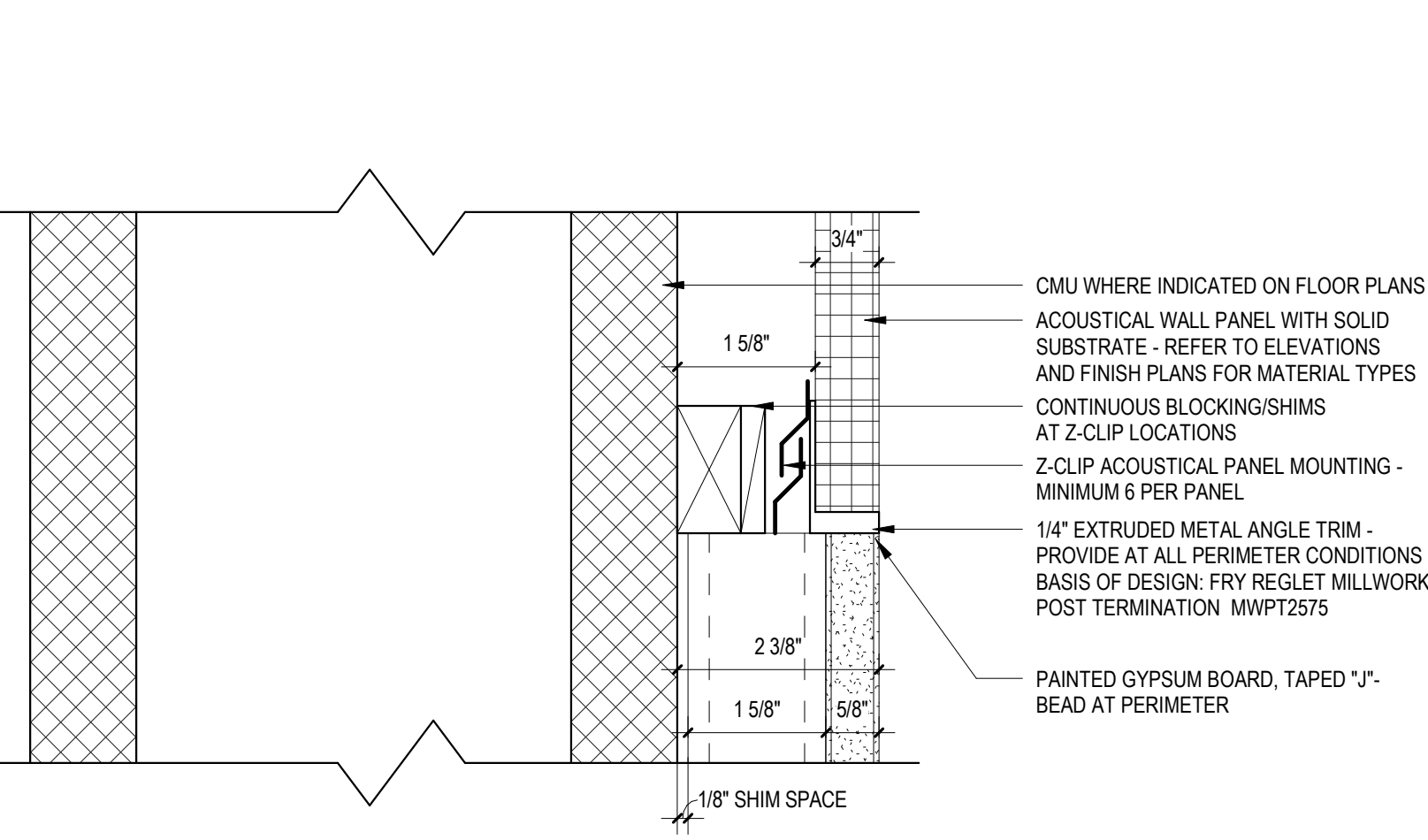
8 INTERIOR DETAIL - PRECISION ENTRANCE
 1 1/2" = 1'-0" A-405



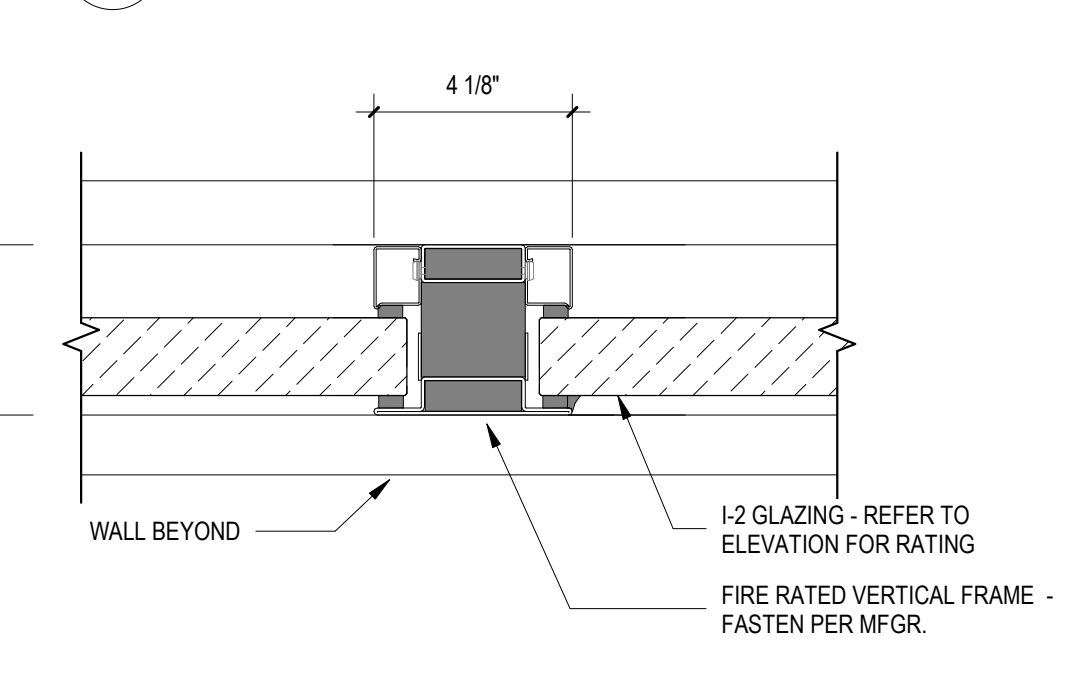
9 INTERIOR DETAIL - DISPLAY CASE BENCH
 1 1/2" = 1'-0" A-211



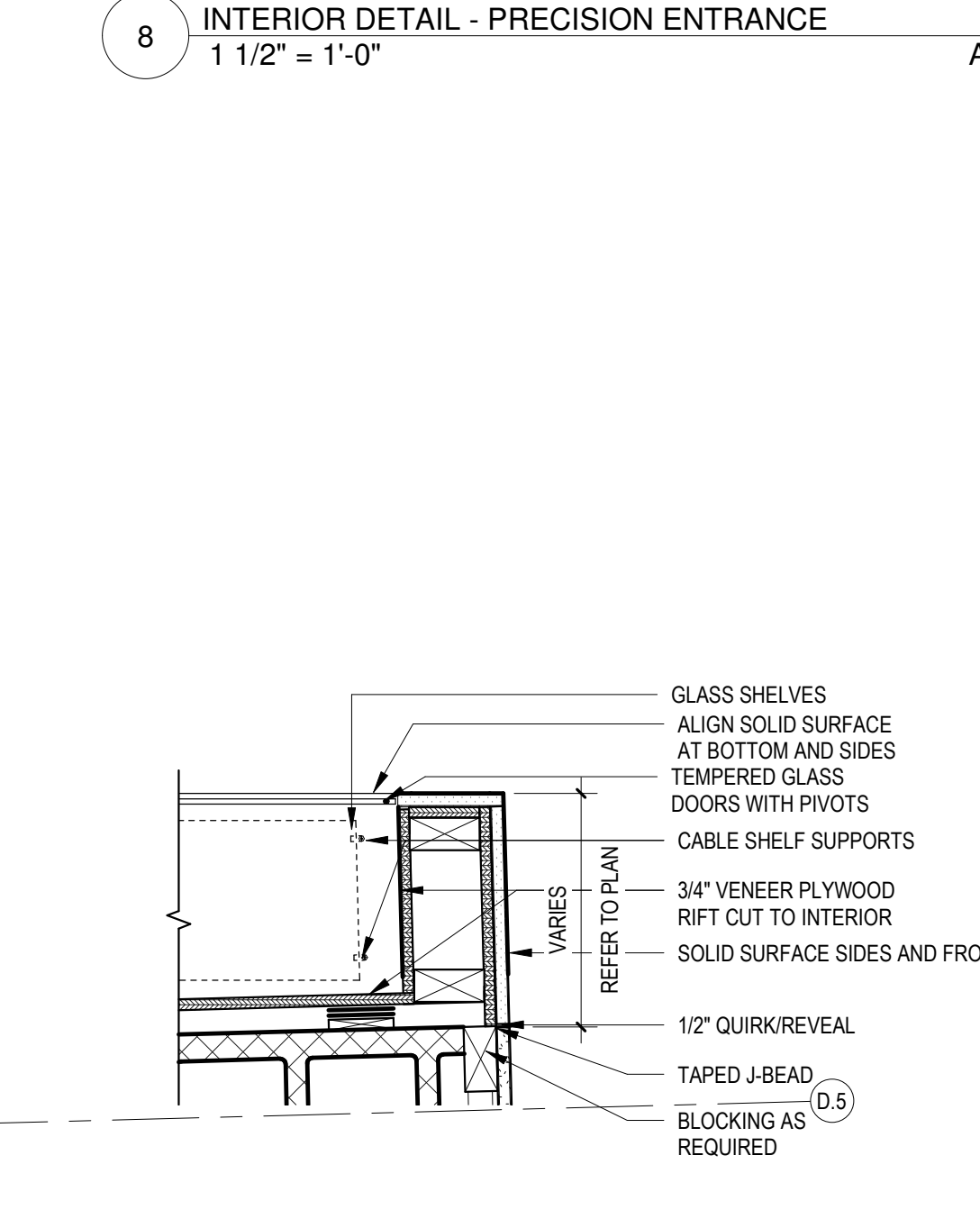
20 TOP OF GWB DETAIL
 6" = 1'-0" A-211



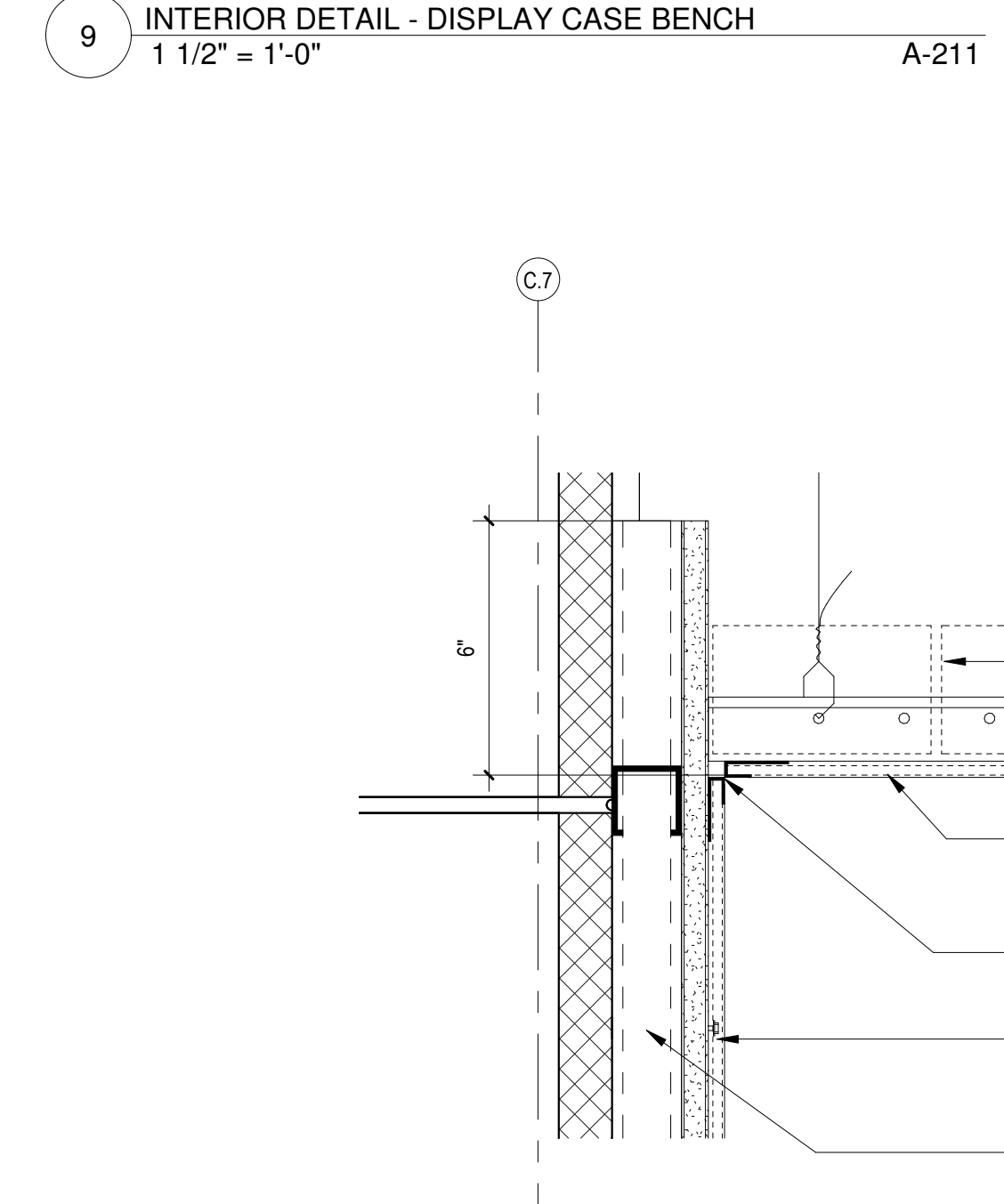
13 ACOUSTICAL WALL PANEL DETAIL
 6" = 1'-0" A-410



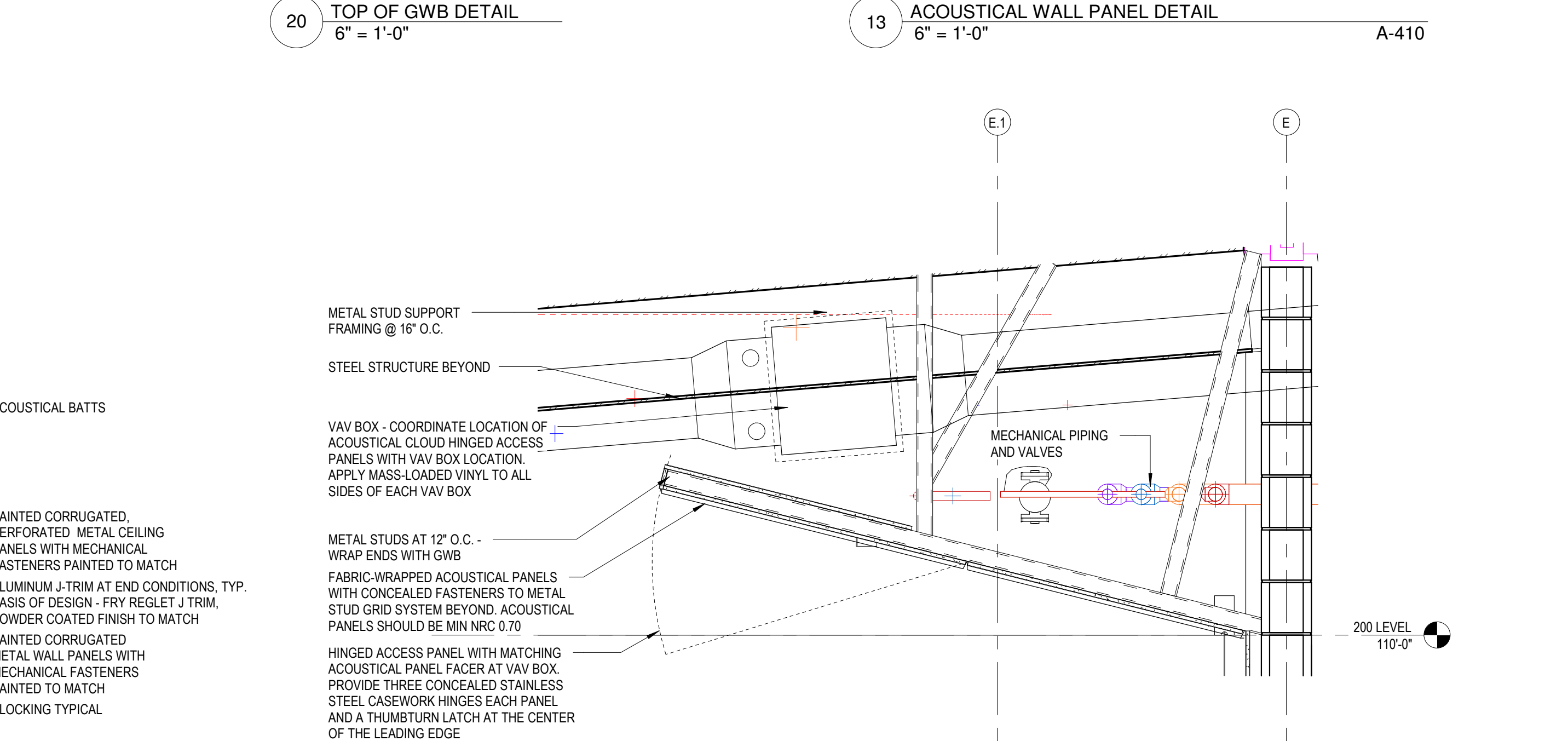
15 FIRE RATED FRAMES - MULLION
 3" = 1'-0" A-212



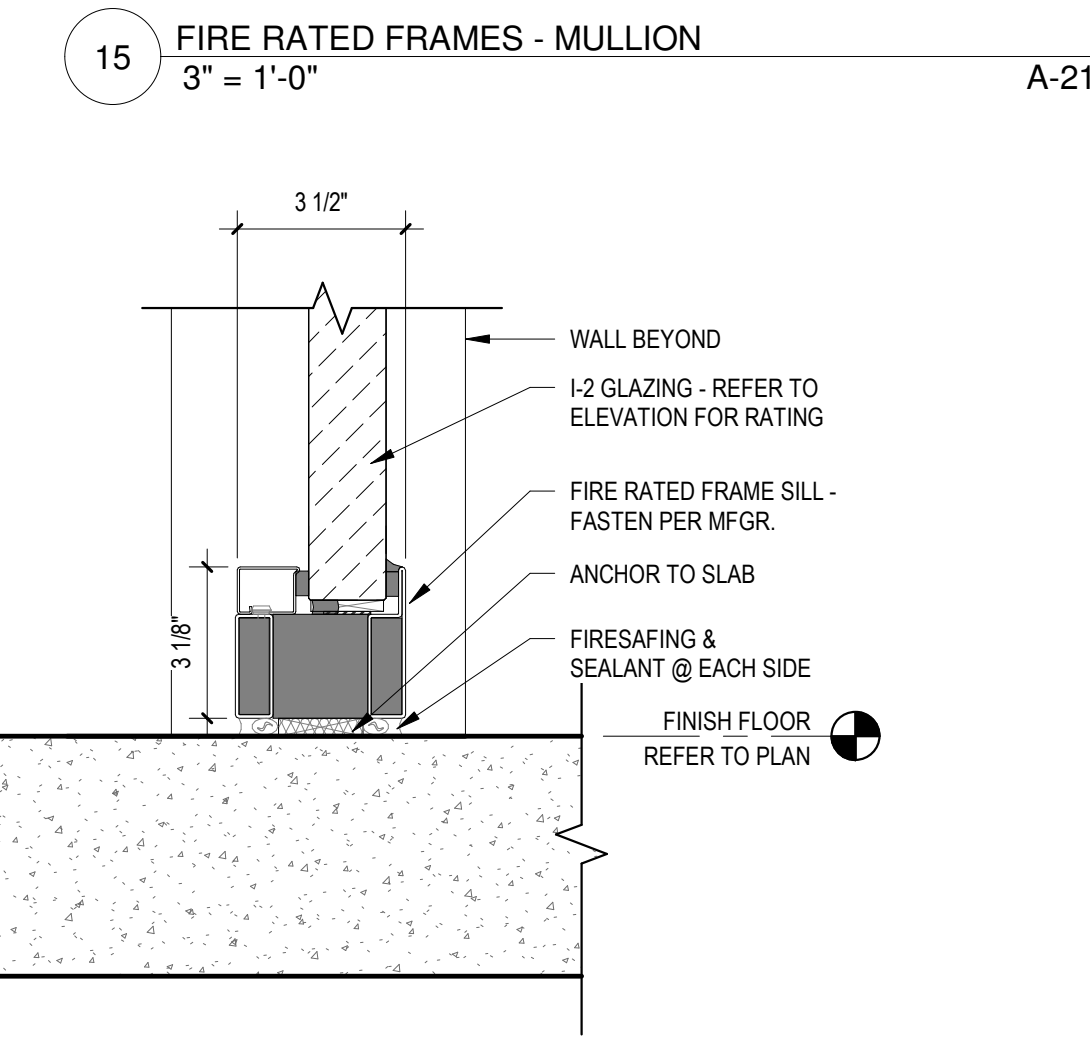
12 INTERIOR DETAIL - DISPLAY CASE
 1 1/2" = 1'-0" A-211



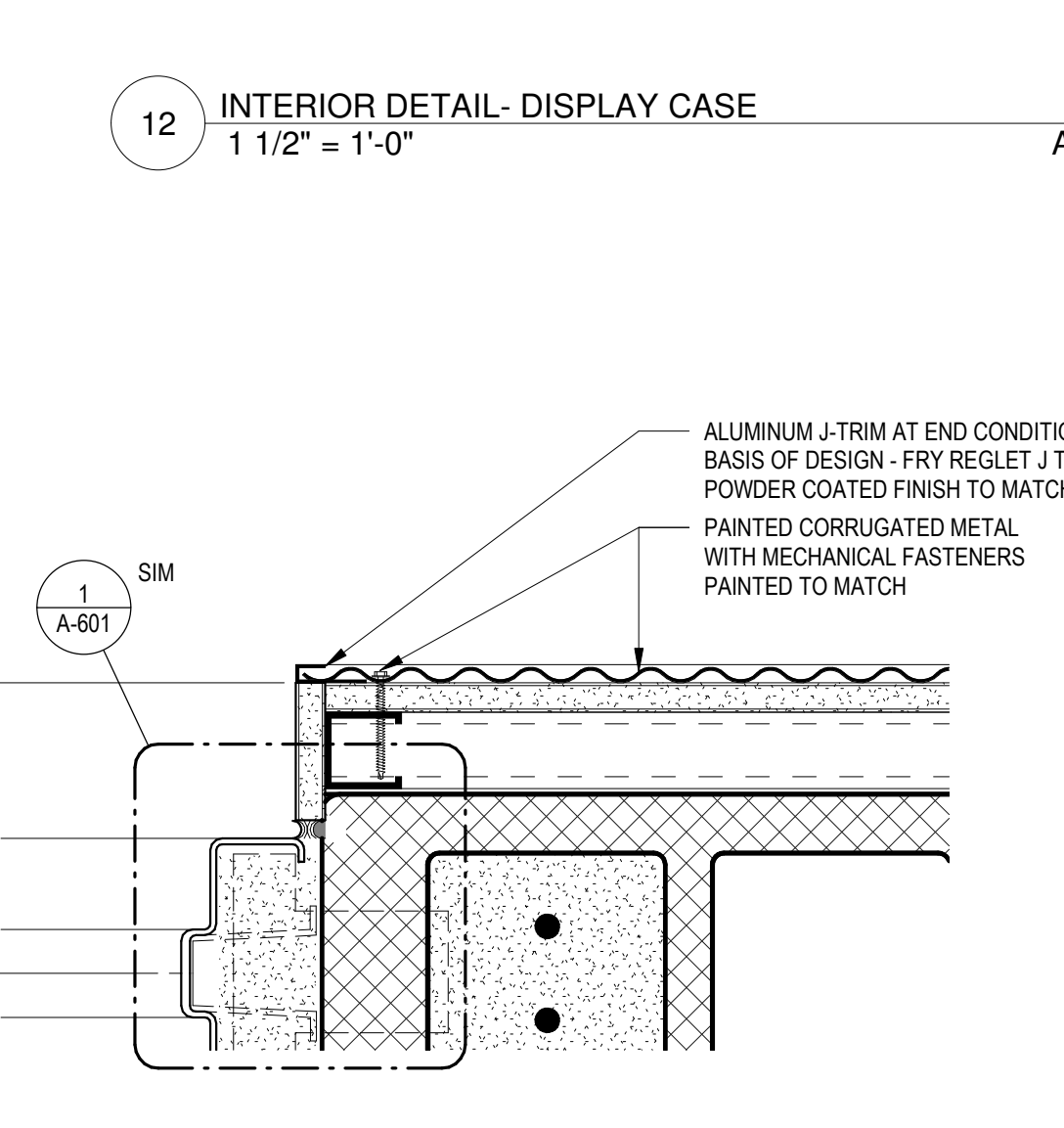
6 SECTION OF CEILING AND WALL CORRUGATED METAL
 3" = 1'-0" A-211



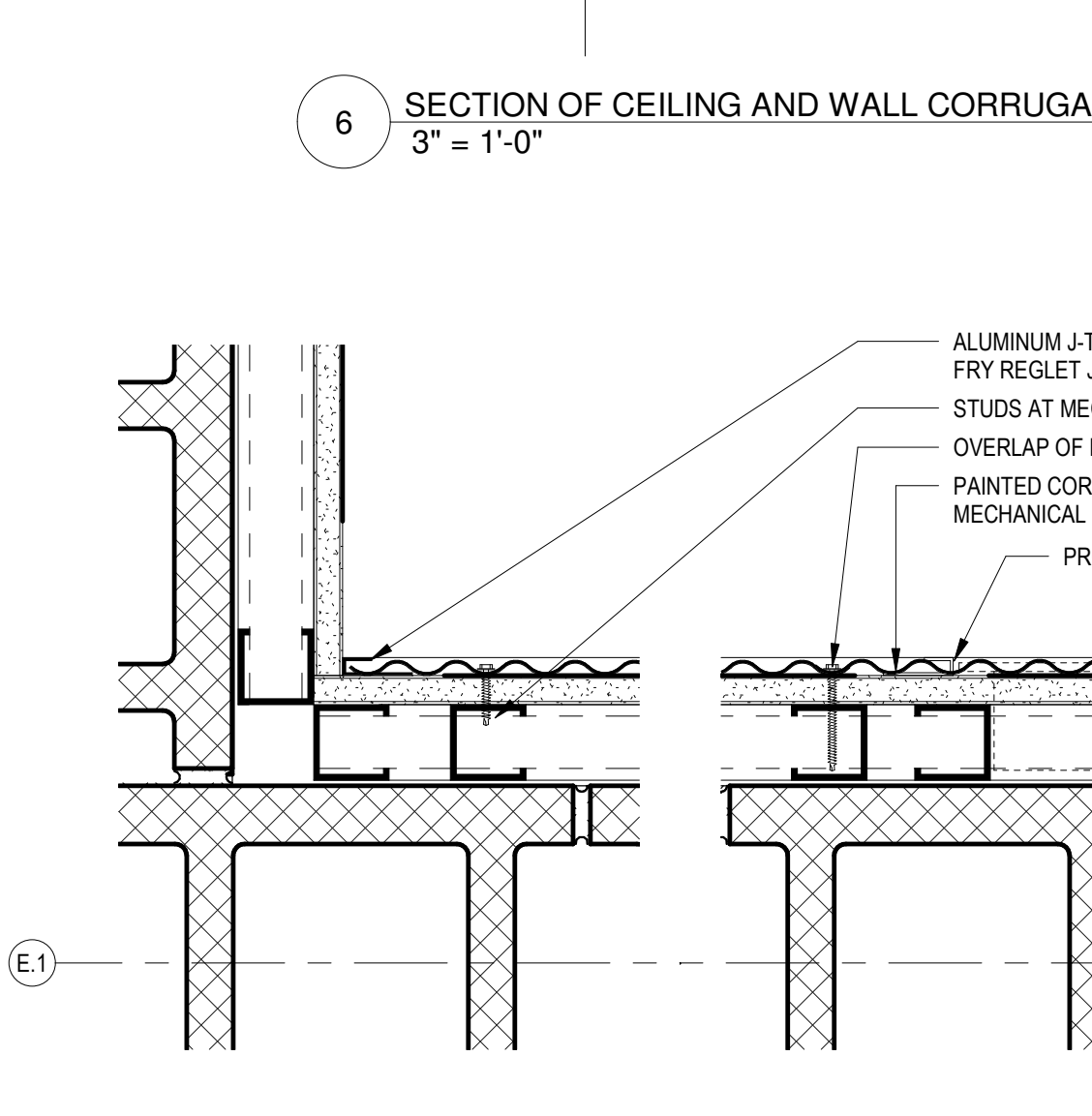
2 INTERIOR DETAIL - LAB SHROUD
 3/4" = 1'-0" A-407



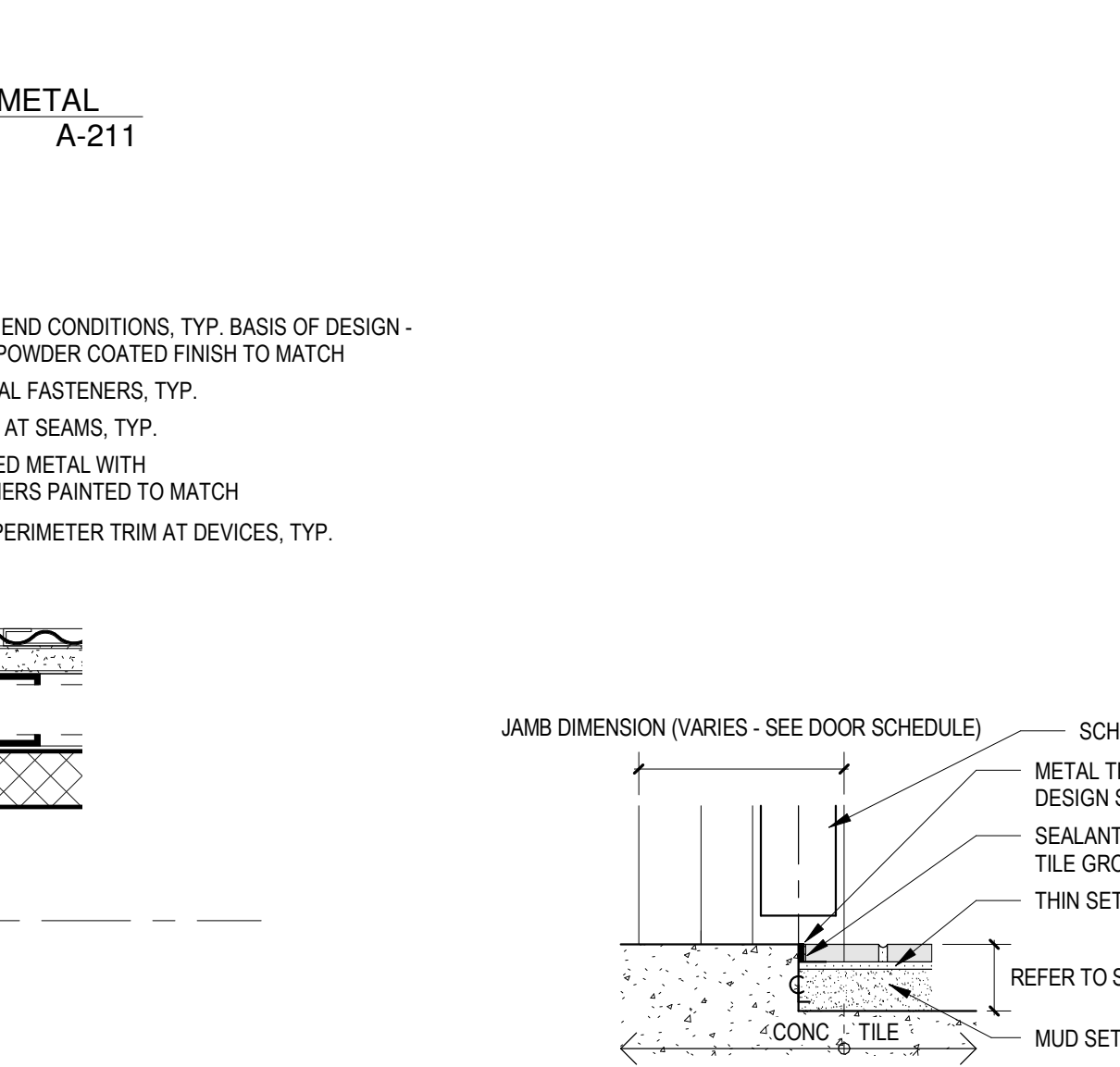
3 FIRE RATED FRAMES - SILL
 3" = 1'-0" A-212



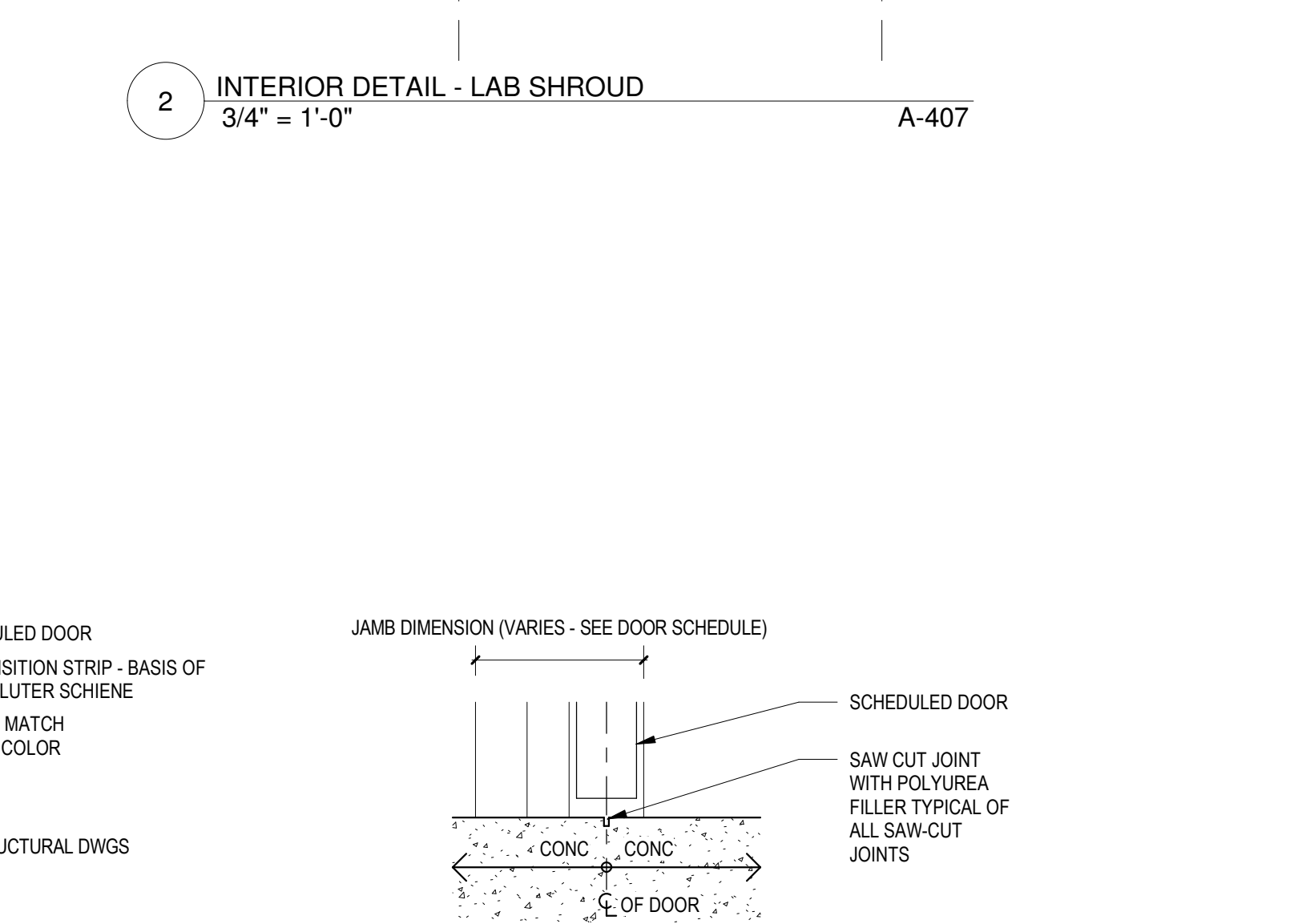
11 INTERIOR DETAIL - STUDENT STUDY
 1 1/2" = 1'-0" A-211



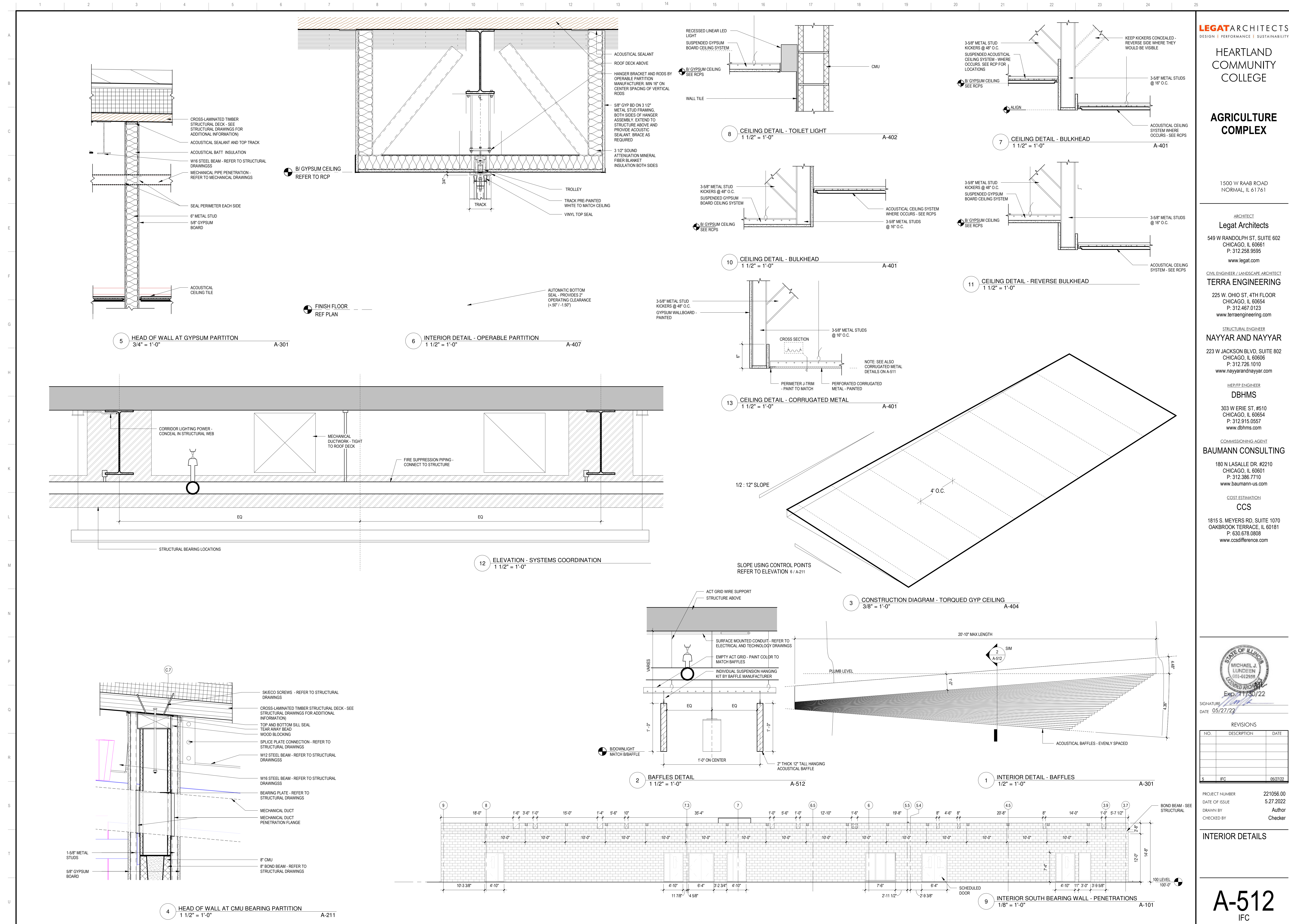
5 SECTION THRU CORRUGATED METAL
 3" = 1'-0" A-211



4 CONCRETE / TILE - METAL TRANSITION
 3" = 1'-0" A-211



1 CONCRETE / CONCRETE - SAW CUT TRANSITION
 3" = 1'-0" A-211



SIGNATURE
 DATE 05/27/22

REVISIONS		
NO.	DESCRIPTION	DATE
5	IFC	05/27/22

PROJECT NUMBER 221056.00
 DATE OF ISSUE 5.27.2022
 DRAWN BY Author
 CHECKED BY Checker

INTERIOR DETAILS

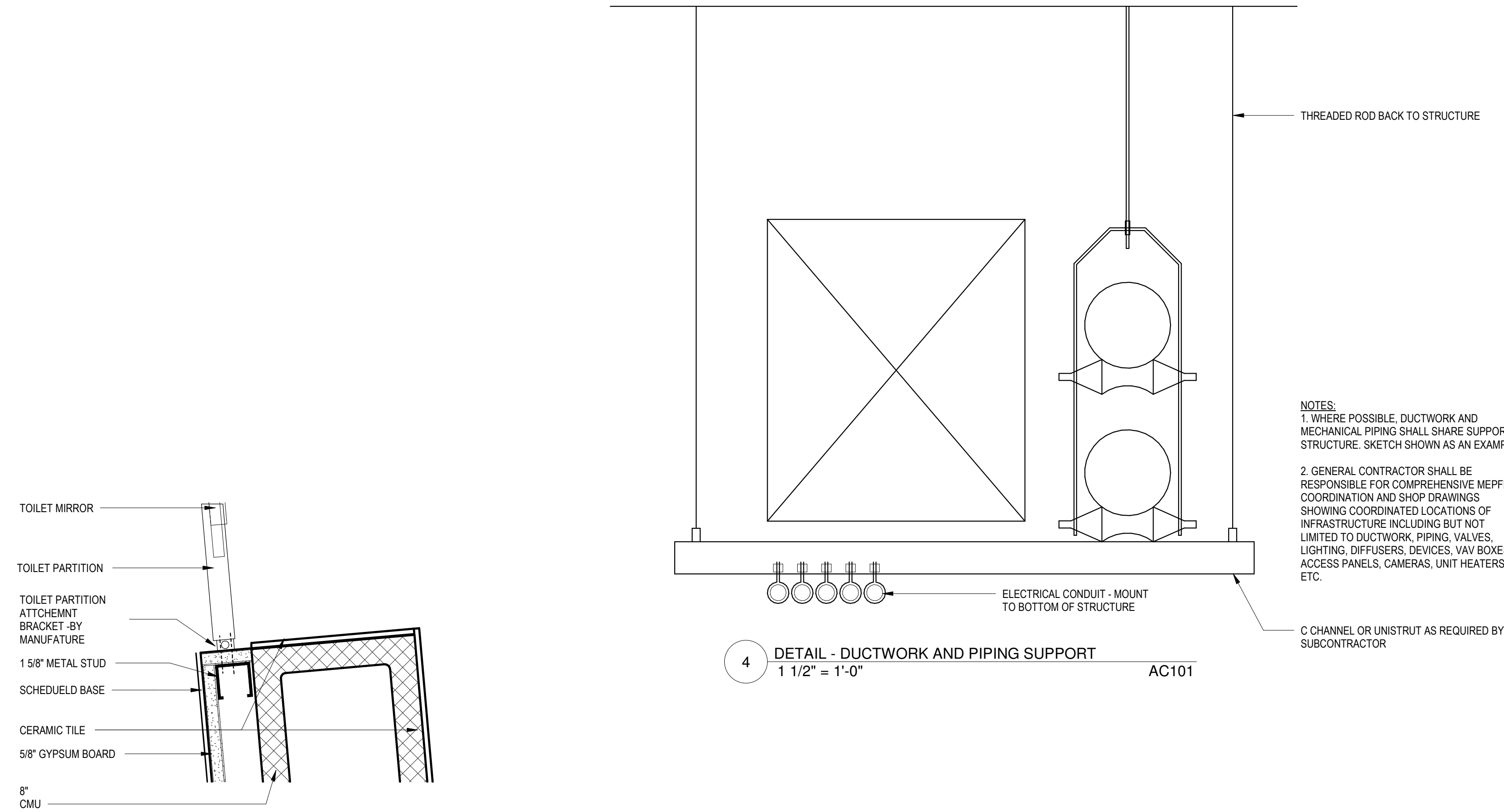


SIGNATURE: _____
DATE: 05/27/22

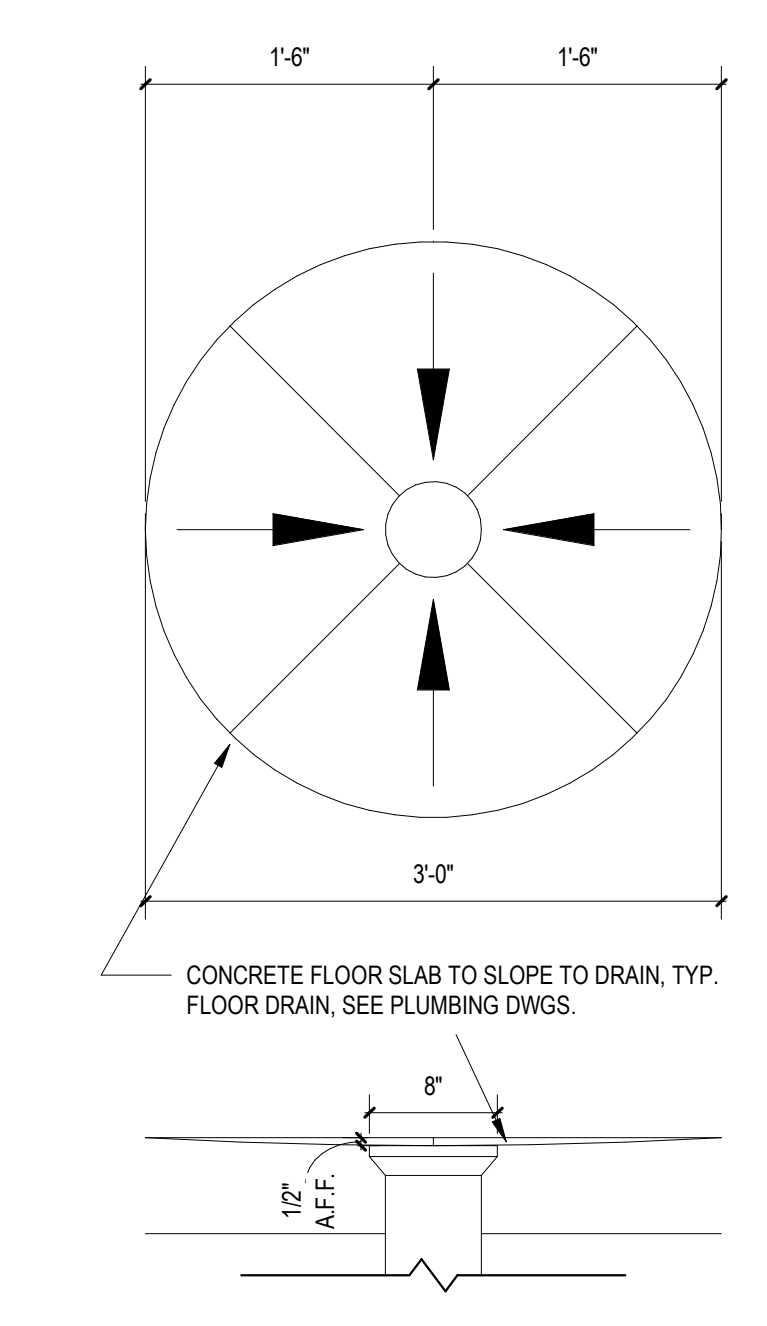
REVISIONS		
NO.	DESCRIPTION	DATE
5	IFC	05/27/22

PROJECT NUMBER: 221056.00
DATE OF ISSUE: 5.27.2022
DRAWN BY: Author
CHECKED BY: Checker

INTERIOR DETAILS

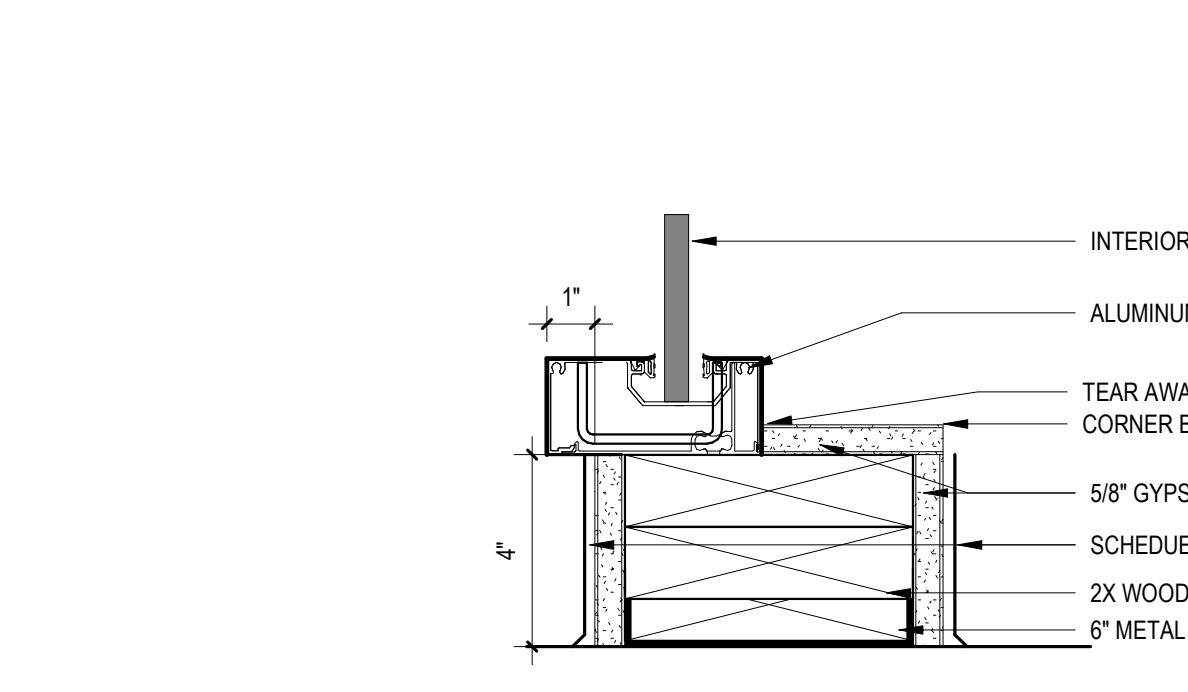


4 DETAIL - DUCTWORK AND PIPING SUPPORT
1 1/2" = 1'-0" AC101

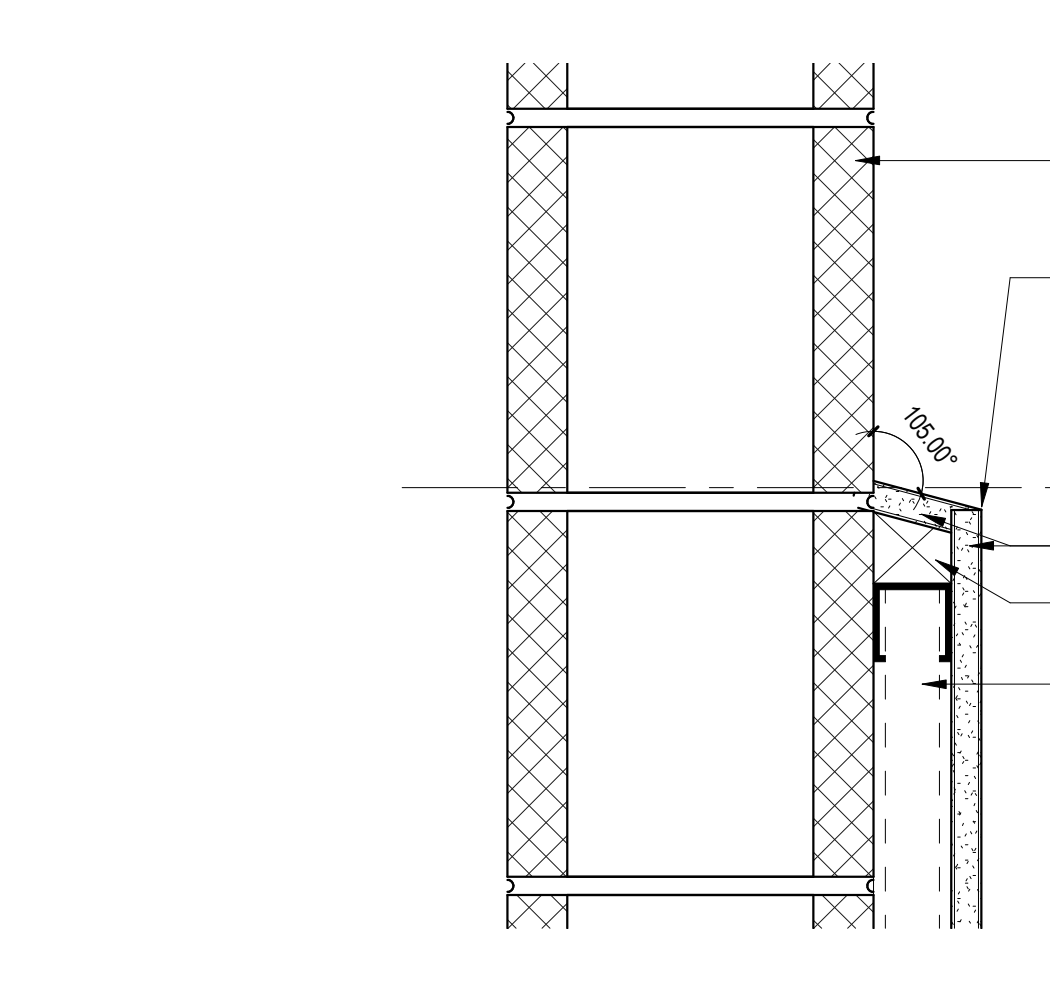


3 FLOOR DRAIN DETAIL
1" = 1'-0"

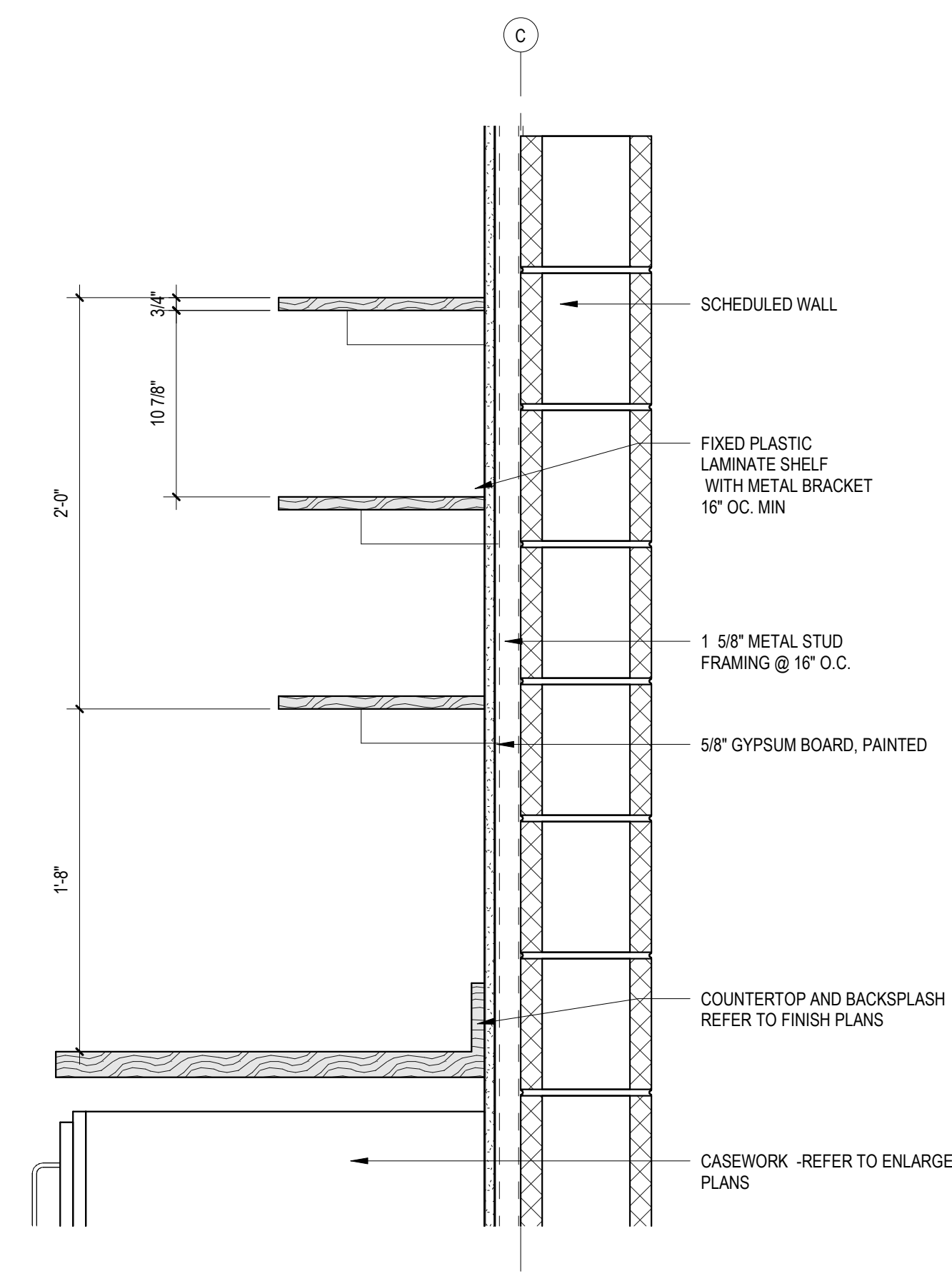
8 PLAN DETAIL - TOILET PARTITION INTERSECTION
3" = 1'-0" A-402



7 SECTION AT INTERIOR ALUMINUM SILL
3" = 1'-0" A-401

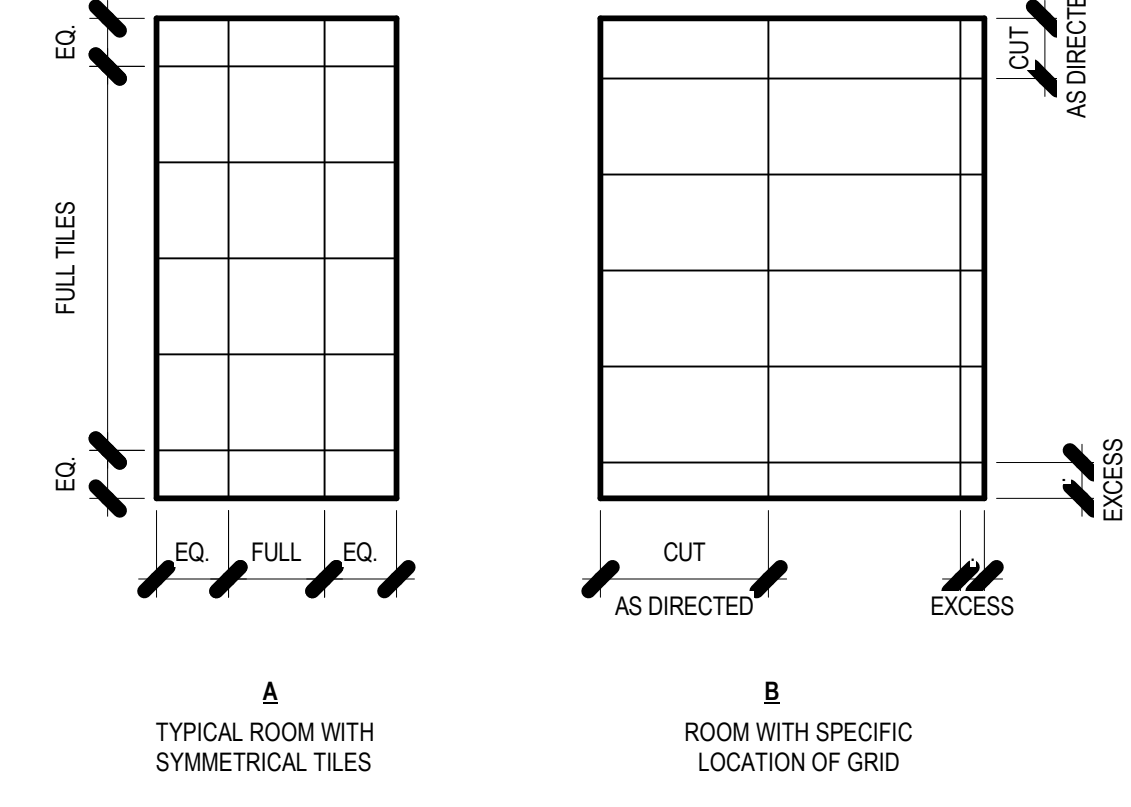


6 SECTION AT GYPSUM WALL TERMINATION
3" = 1'-0" A-302

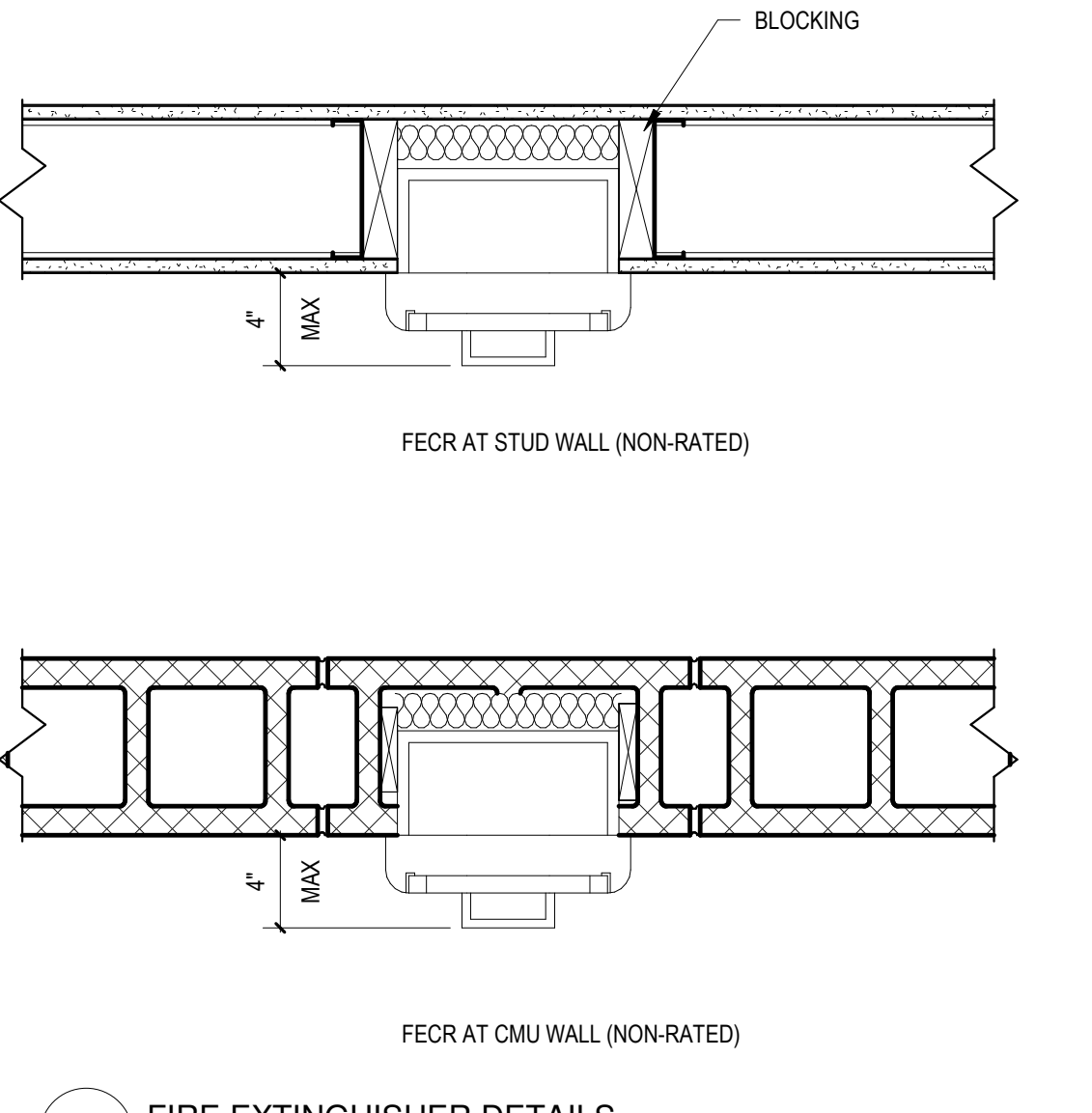
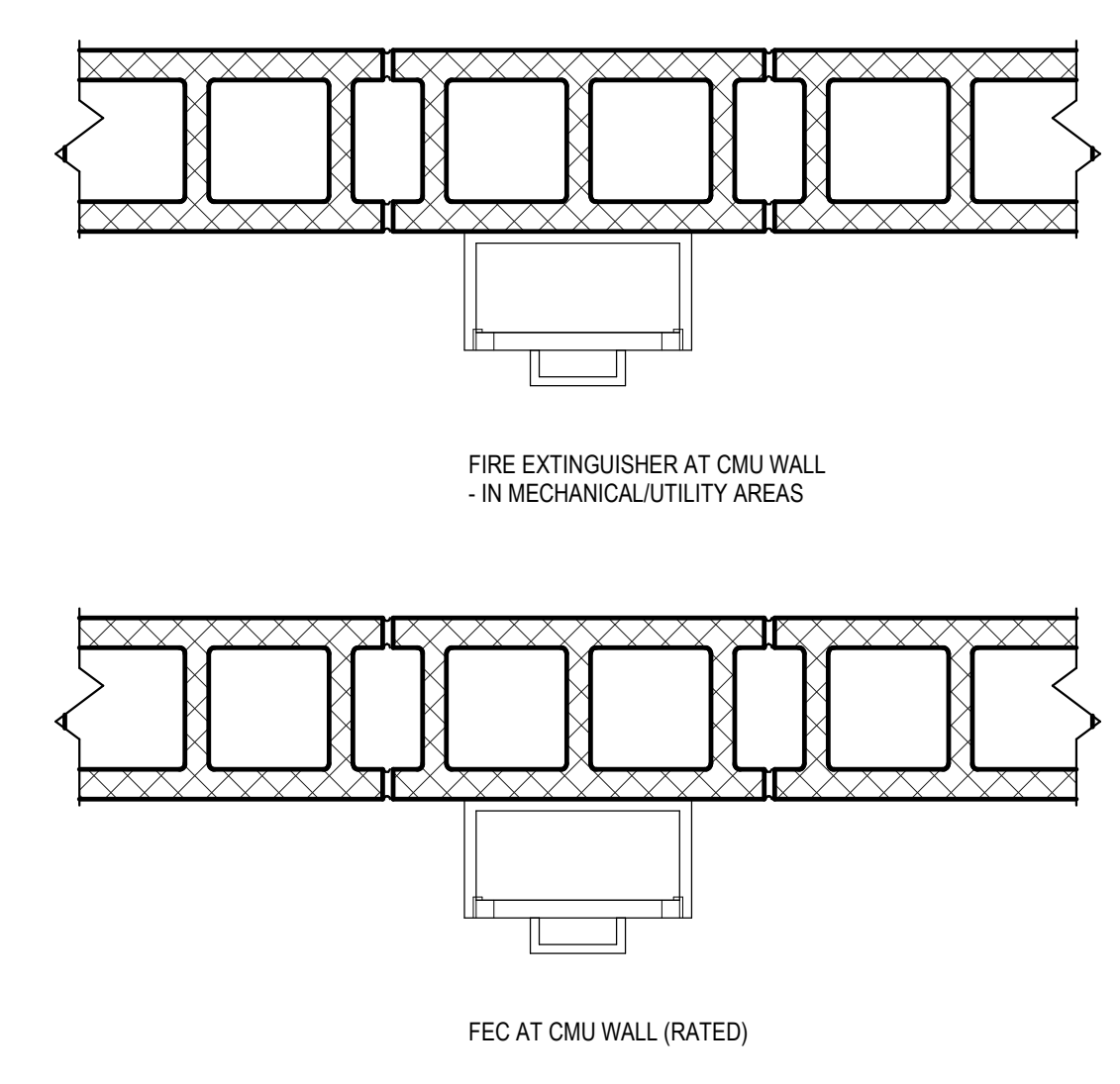


5 SECTION AT FIXED SHELVING
1 1/2" = 1'-0" A-302

NOTES:
1. ROOMS WHICH DO NOT HAVE NOTED STARTING POINT(S) OR DIMENSIONS ON R.C.P.'S WILL BE SIMILAR TO LAYOUTS A, C, OR D
2. LAYOUTS SHOWN ARE INTENDED TO BE DIAGRAMMATIC AND CAN BE APPLIED TO LARGER OR SMALLER ROOMS AND TO DIFFERENT TILE/PANEL SIZES AND TYPES.
3. SPRINKLER HEADS SHALL BE CENTERED ON EACH OTHER AND ADJACENT DEVICES AS MUCH AS POSSIBLE. SPRINKLER HEADS SHALL BE LOCATED IN THE CENTER OF CEILING TILES.



2 CEILING TILE LAYOUTS
1/4" = 1'-0"



1 FIRE EXTINGUISHER DETAILS
1 1/2" = 1'-0"



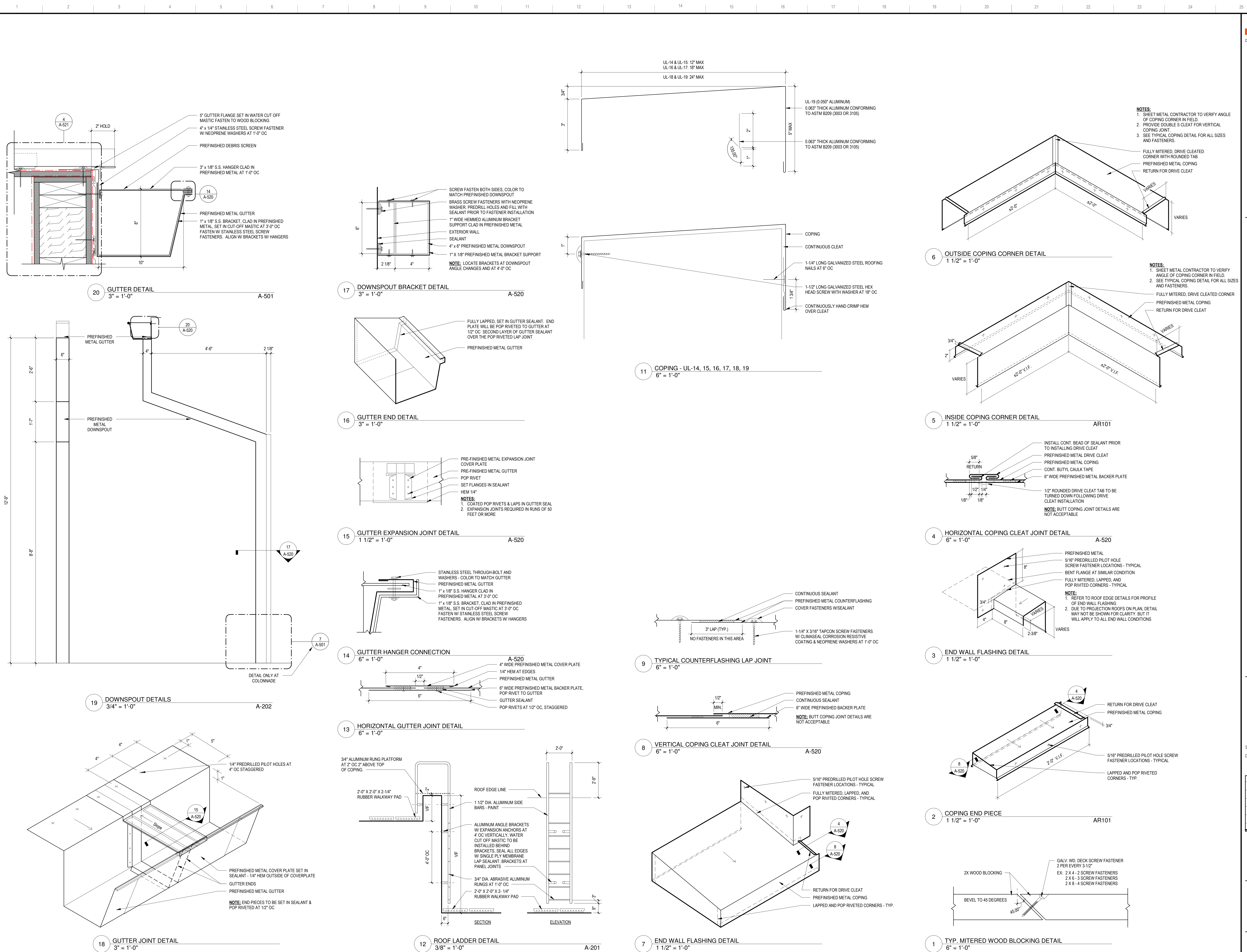
SIGNATURE
DATE 05/27/22

REVISIONS		
NO.	DESCRIPTION	DATE
5	IFC	05/27/22

PROJECT NUMBER 221056.00
DATE OF ISSUE 5.27.2022
DRAWN BY Author
CHECKED BY Checker

**TYPICAL ROOF, COPING
GUTTER AND ROOF
LADDER DETAILS**

A-520
IFC



1 TYP. MITERED WOOD BLOCKING DETAIL 1 1/2" = 1'-0"

2 COPING END PIECE 1 1/2" = 1'-0"

3 END WALL FLASHING DETAIL 1 1/2" = 1'-0"

4 HORIZONTAL COPING CLEAT JOINT DETAIL 6" = 1'-0"

5 INSIDE COPING CORNER DETAIL 1 1/2" = 1'-0"

6 OUTSIDE COPING CORNER DETAIL 1 1/2" = 1'-0"

7 END WALL FLASHING DETAIL 1 1/2" = 1'-0"

8 VERTICAL COPING CLEAT JOINT DETAIL 6" = 1'-0"

9 TYPICAL COUNTERFLASHING LAP JOINT 6" = 1'-0"

10 DOWNSPOUT DETAILS 3/4" = 1'-0"

11 COPING - UL-14, 15, 16, 17, 18, 19 6" = 1'-0"

12 ROOF LADDER DETAIL 3/8" = 1'-0"

13 HORIZONTAL GUTTER JOINT DETAIL 6" = 1'-0"

14 GUTTER HANGER CONNECTION 6" = 1'-0"

15 GUTTER EXPANSION JOINT DETAIL 1 1/2" = 1'-0"

16 GUTTER END DETAIL 3" = 1'-0"

17 DOWNSPOUT BRACKET DETAIL 3" = 1'-0"

18 GUTTER JOINT DETAIL 3" = 1'-0"

19 DOWNSPOUT DETAILS 3/4" = 1'-0"

20 GUTTER DETAIL 3" = 1'-0"



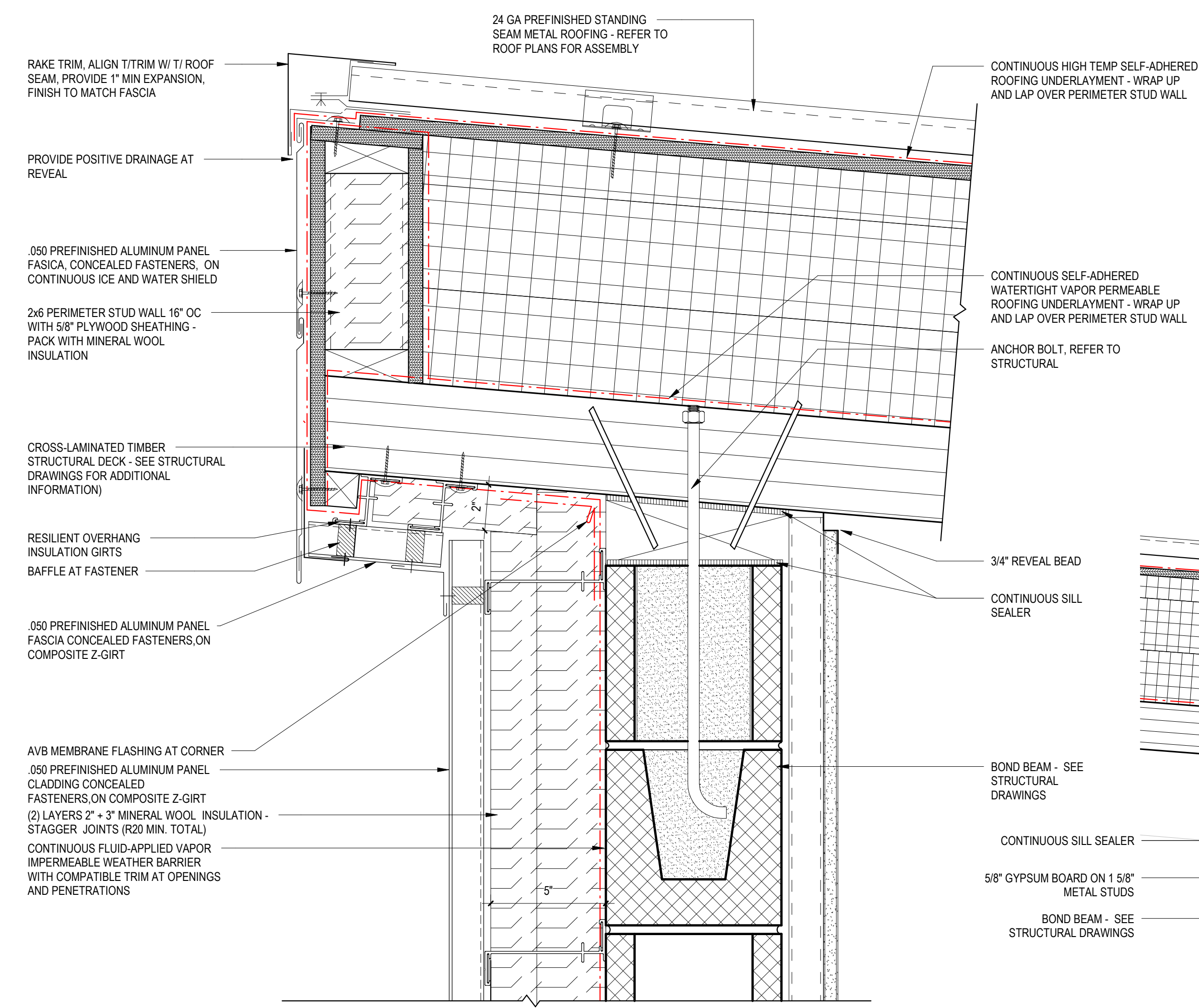
SIGNATURE
DATE 05/27/22

REVISIONS		
NO.	DESCRIPTION	DATE
5	IFC	05/27/22

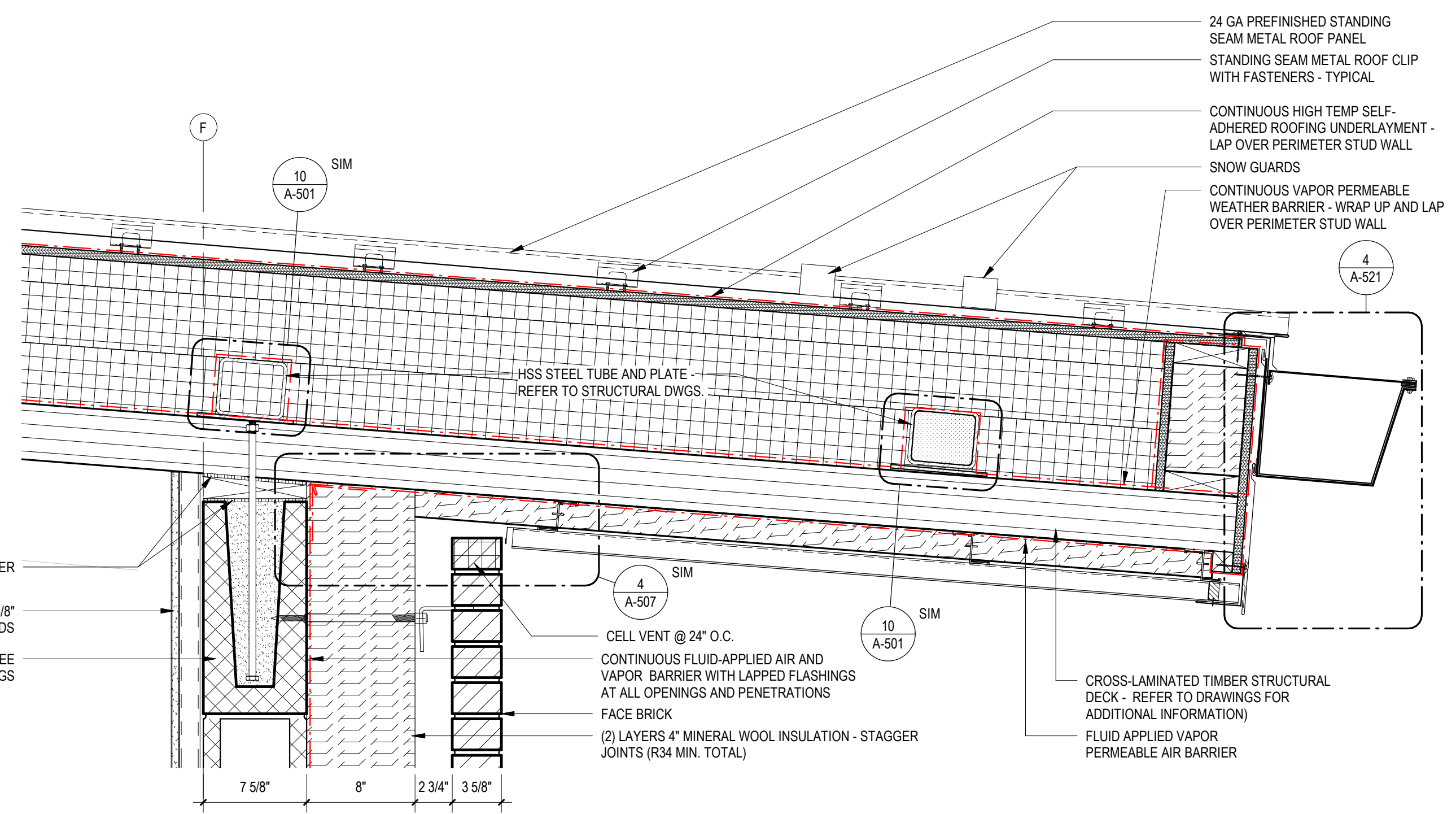
PROJECT NUMBER 221056.00
DATE OF ISSUE 5.27.2022
DRAWN BY JK
CHECKED BY LJ

**ROOF DETAILS -
PREFINISHED METAL**

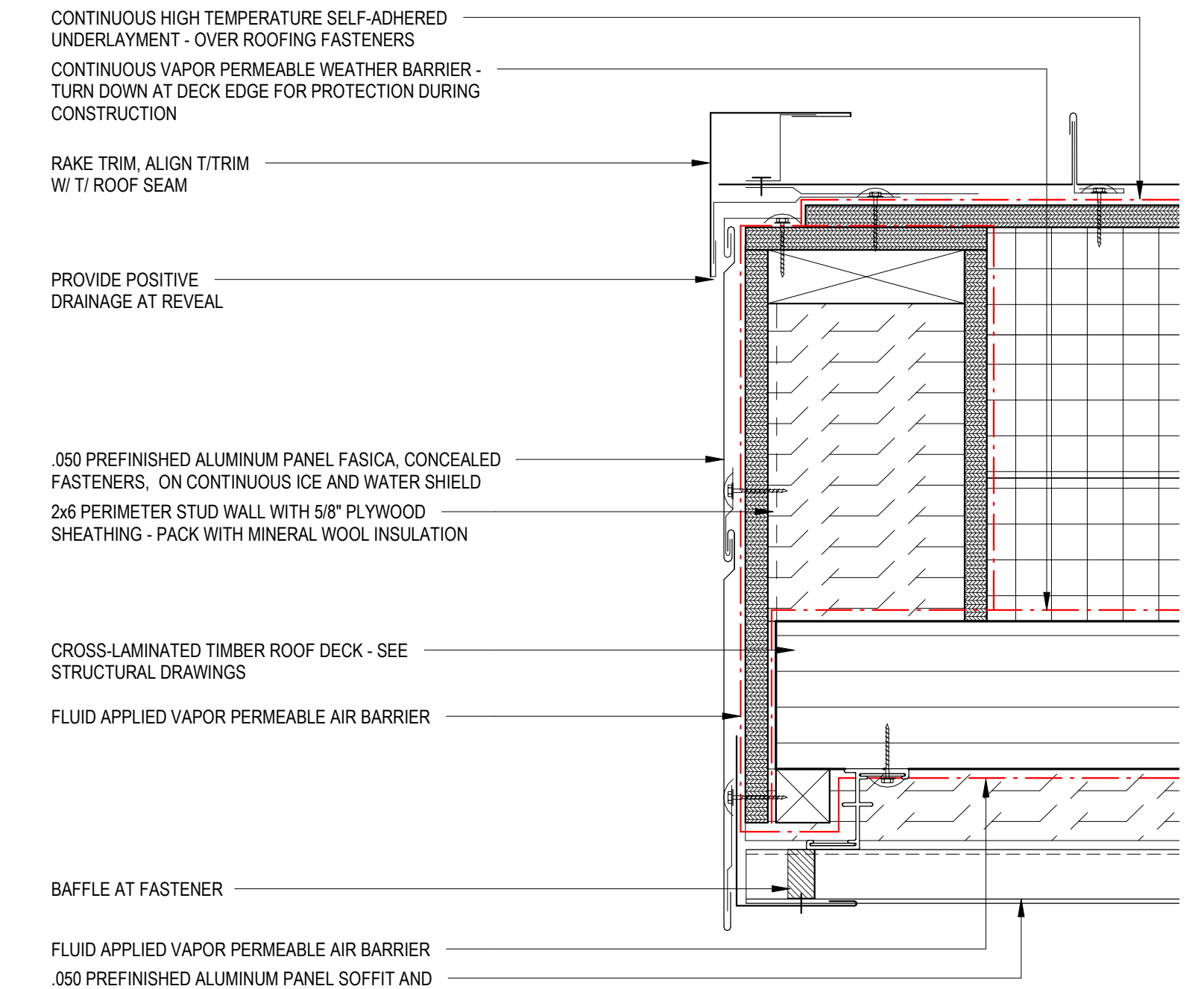
A-521
IFC



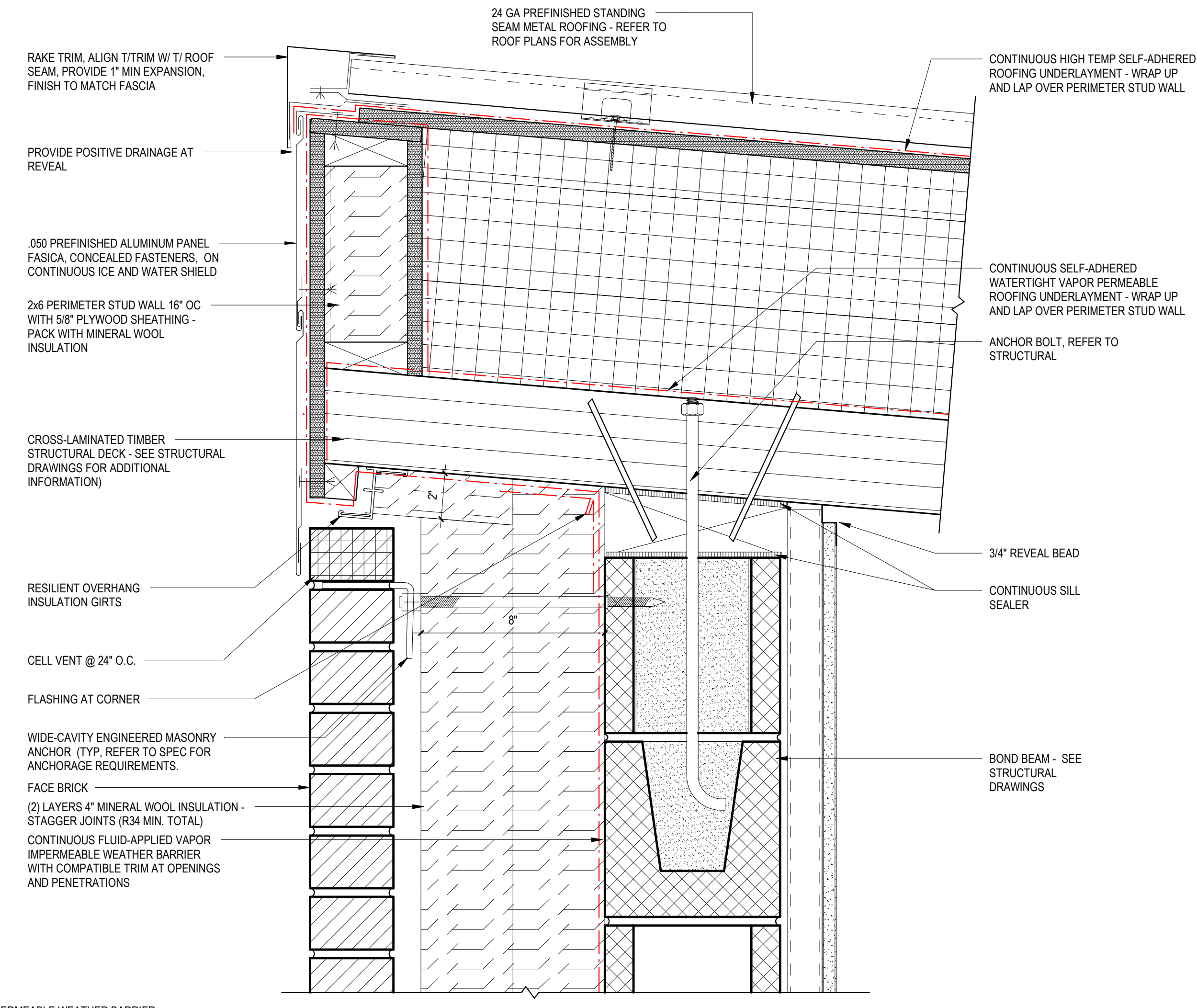
5 DETAIL ROOF EDGE TYPICAL RAKE AT FLUSH
3" = 1'-0" A-202



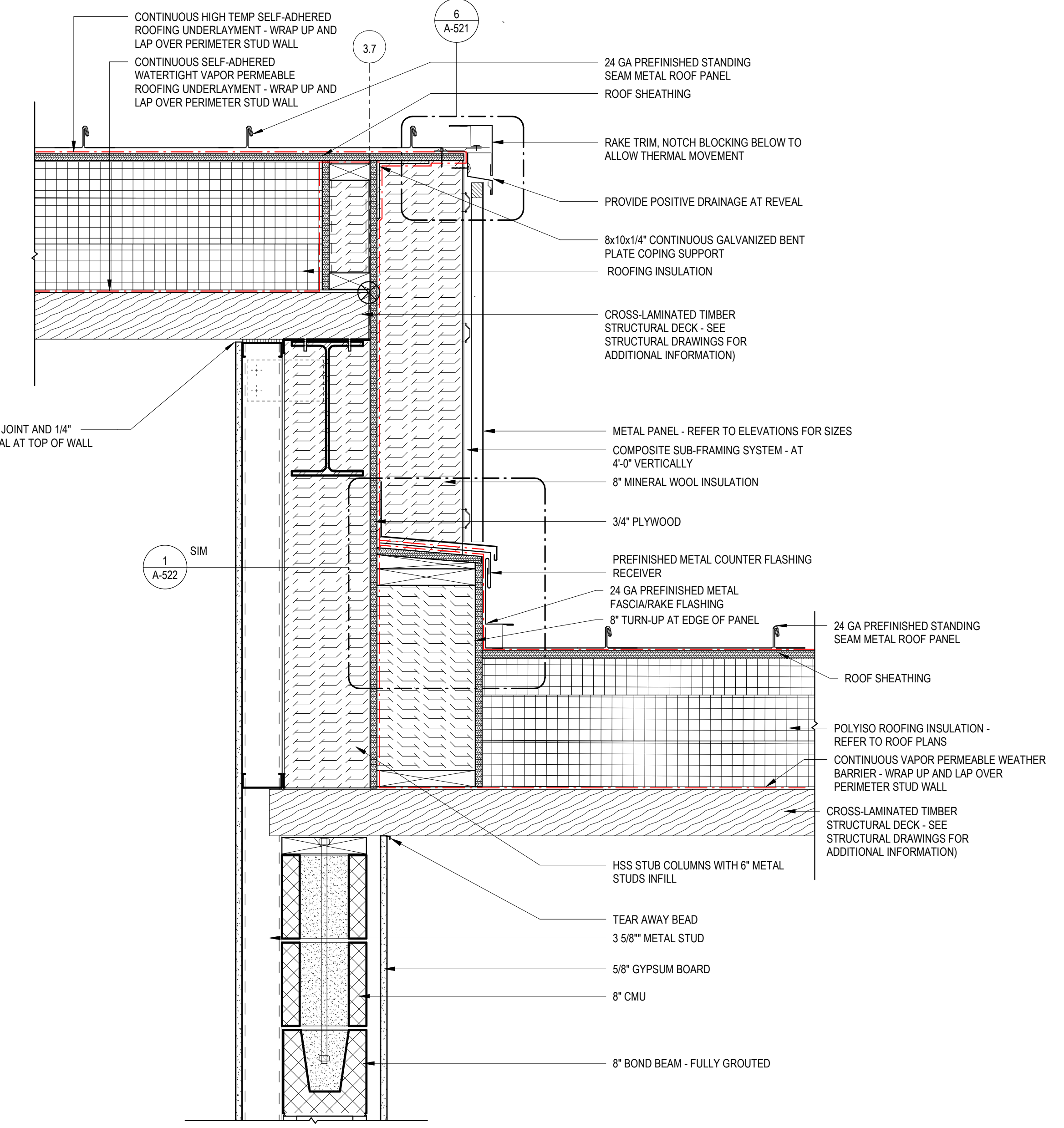
3 SECTION AT ROOF CORNER
1 1/2\"/>



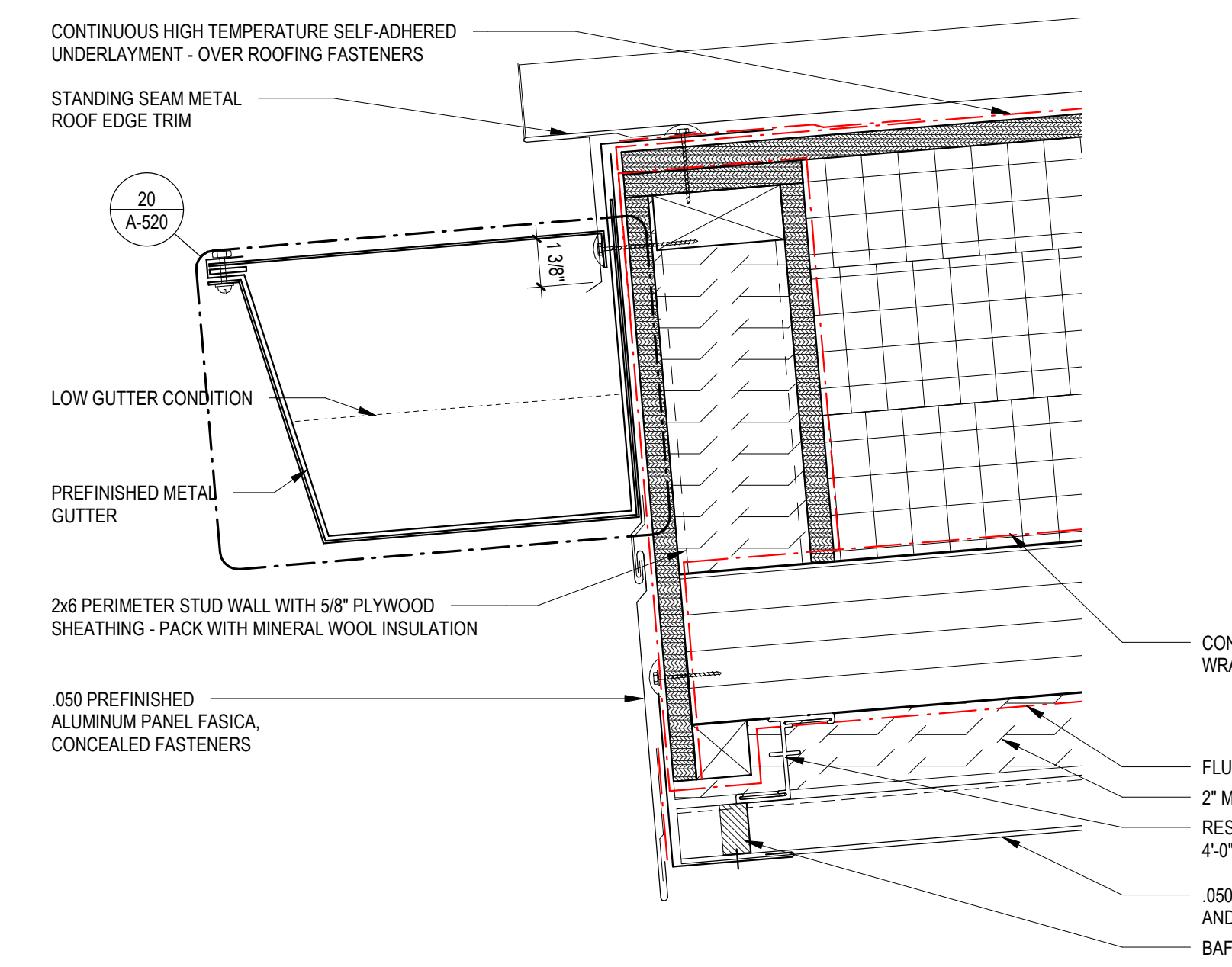
6 DETAIL ROOF EDGE TYPICAL RAKE AT OVERHANG
3" = 1'-0" A-312



1 DETAIL ROOF EDGE TYPICAL RAKE AT FLUSH
3" = 1'-0" A-201



2 ROOF SECTION - DETAIL AT ROOF INTERSECTION
1 1/2\"/>



4 DETAIL ROOF EDGE TYPICAL GUTTER
3" = 1'-0" A-501

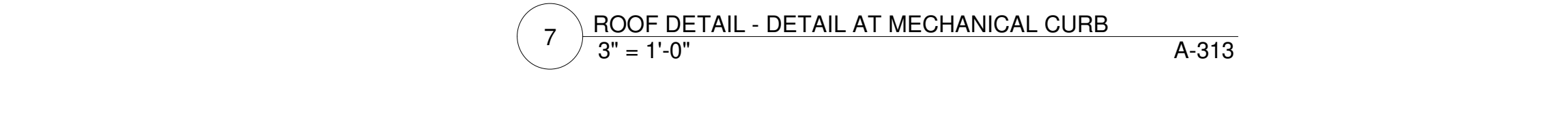
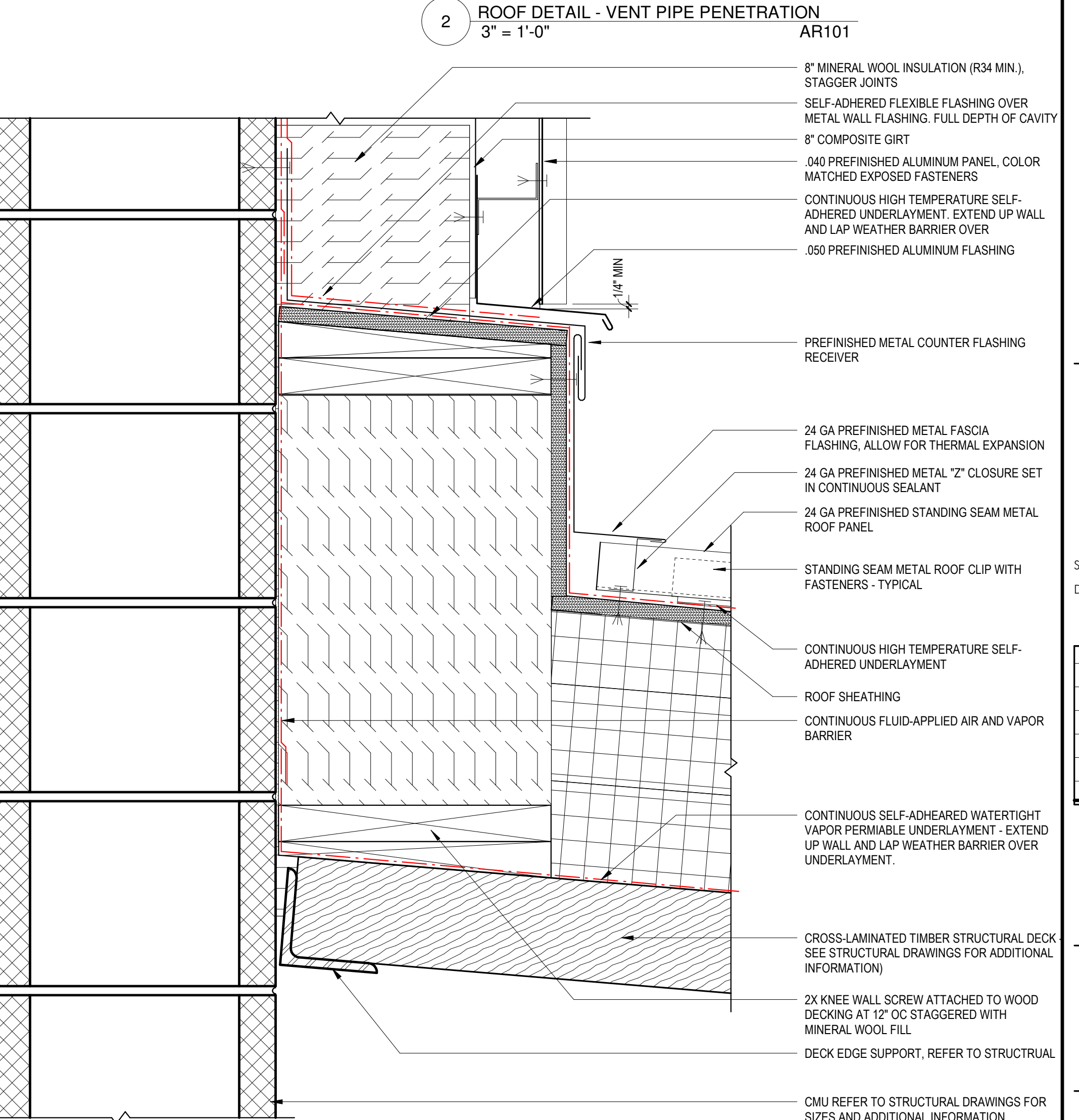
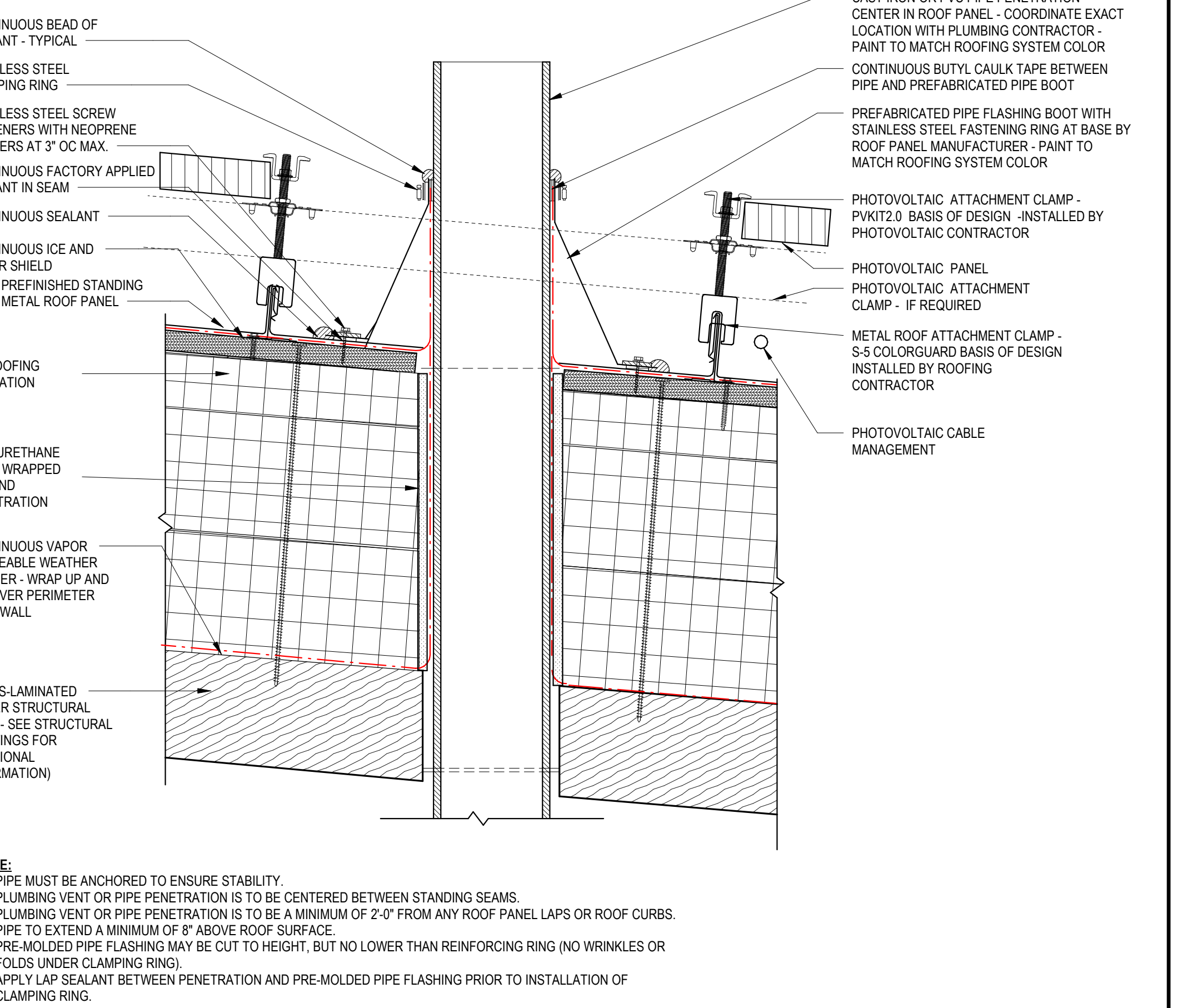
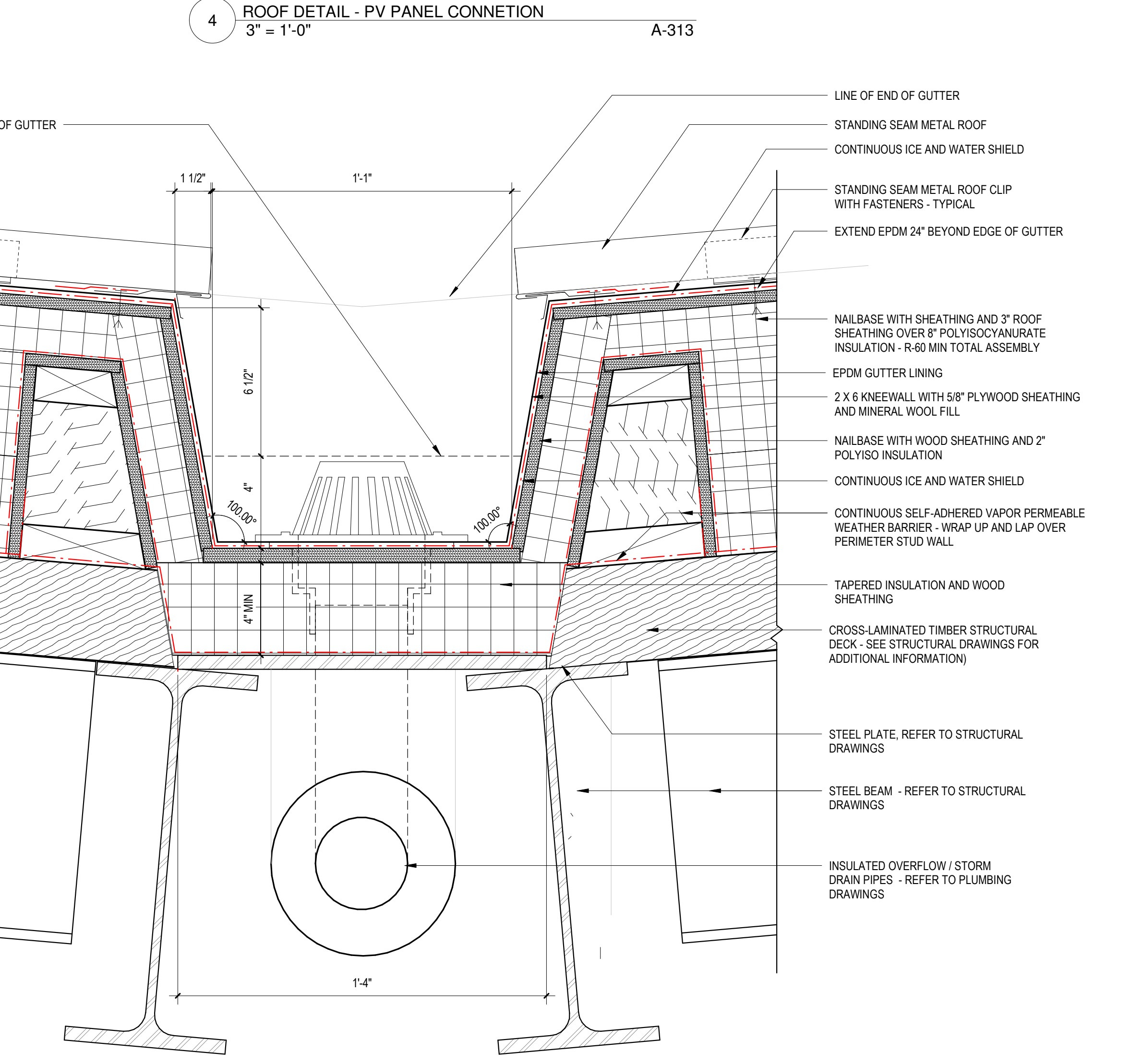
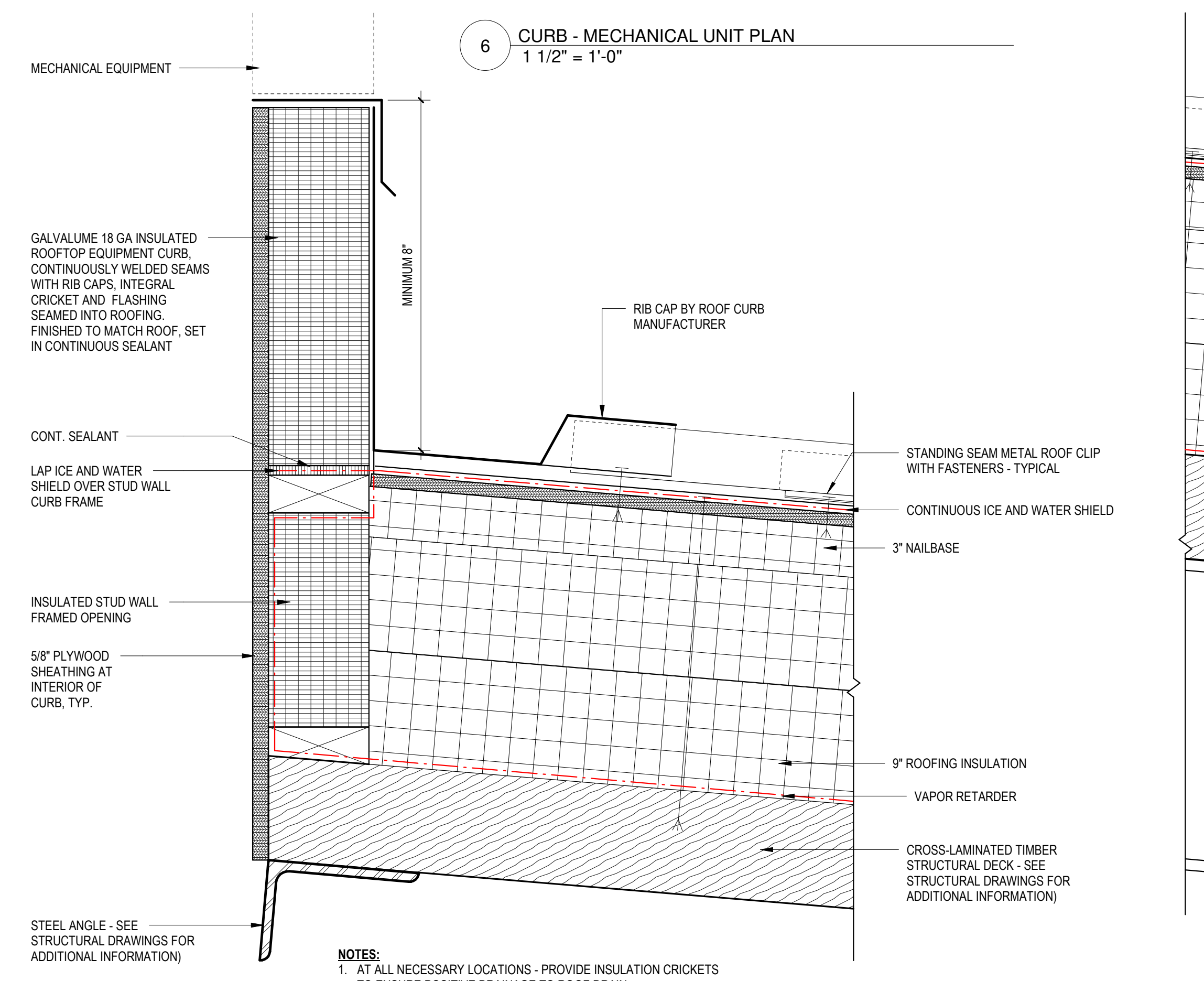
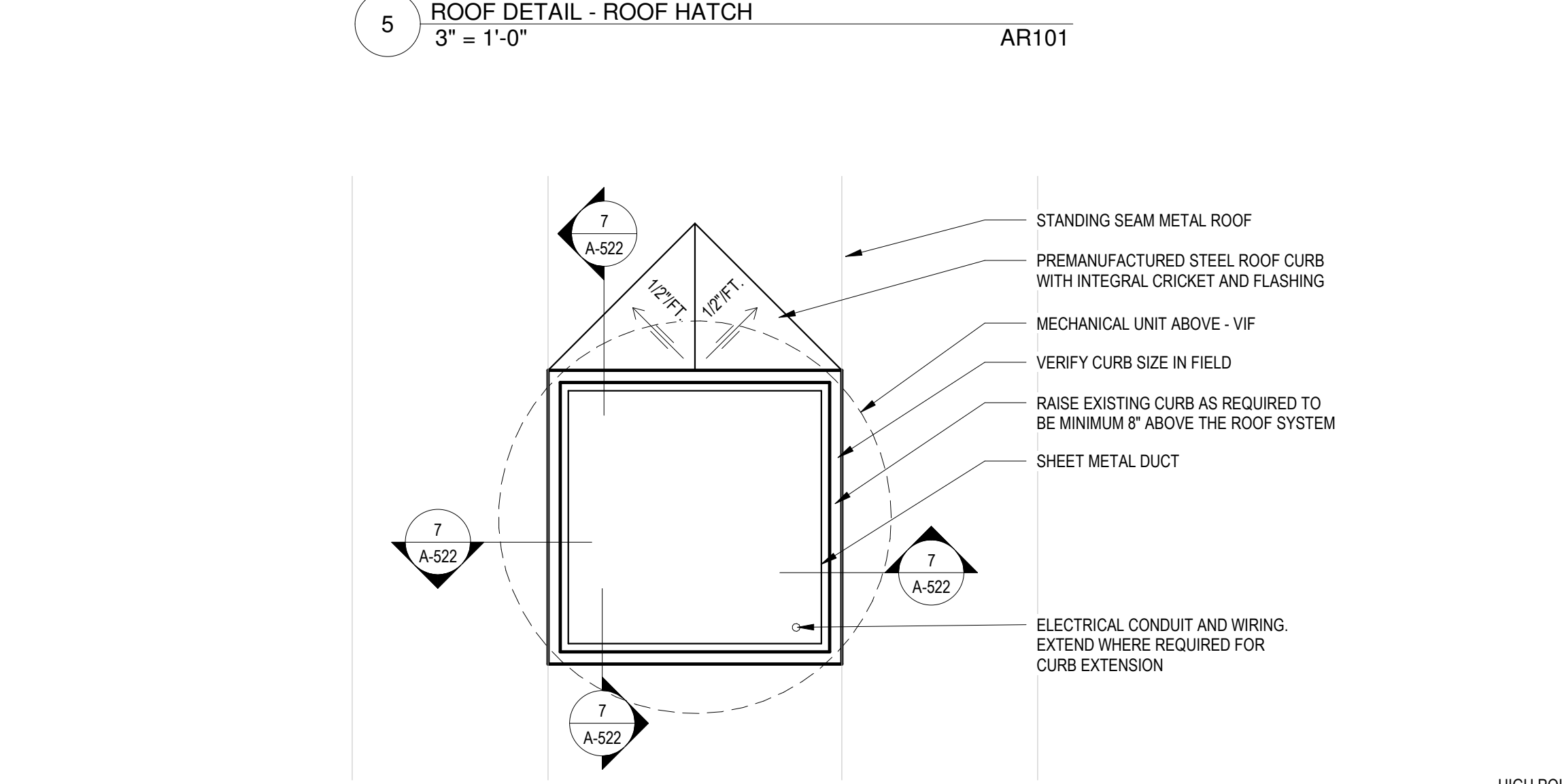
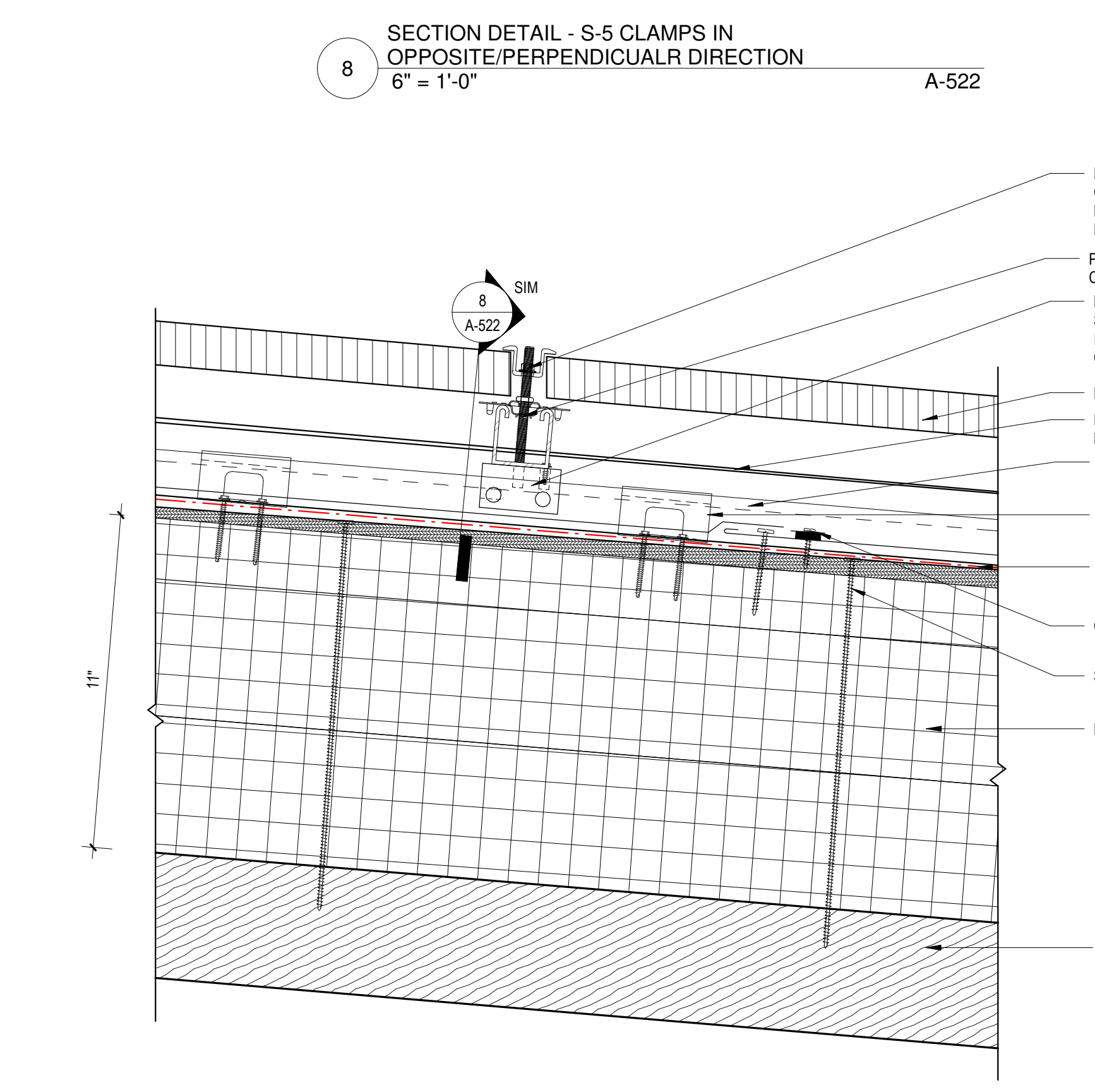
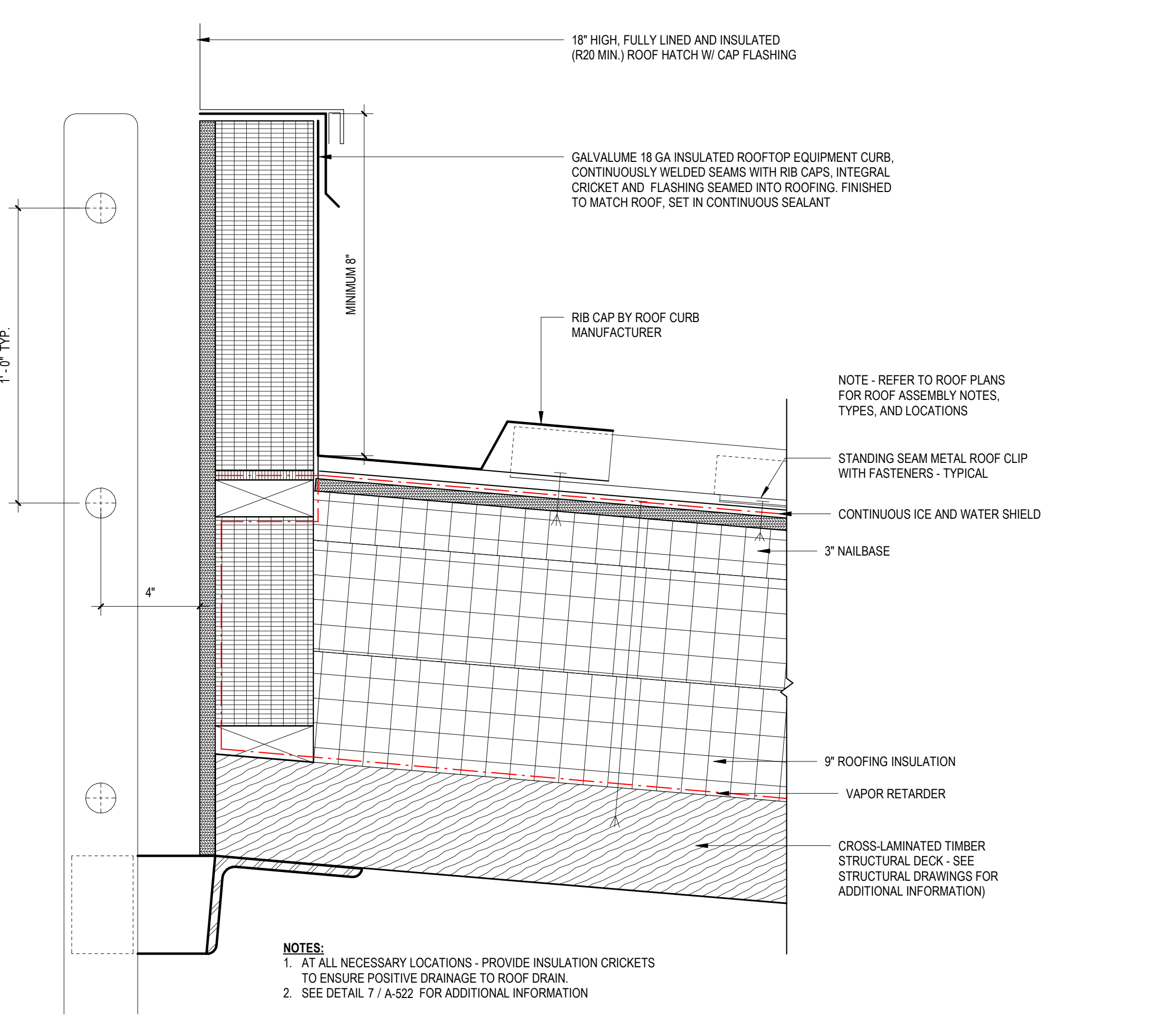
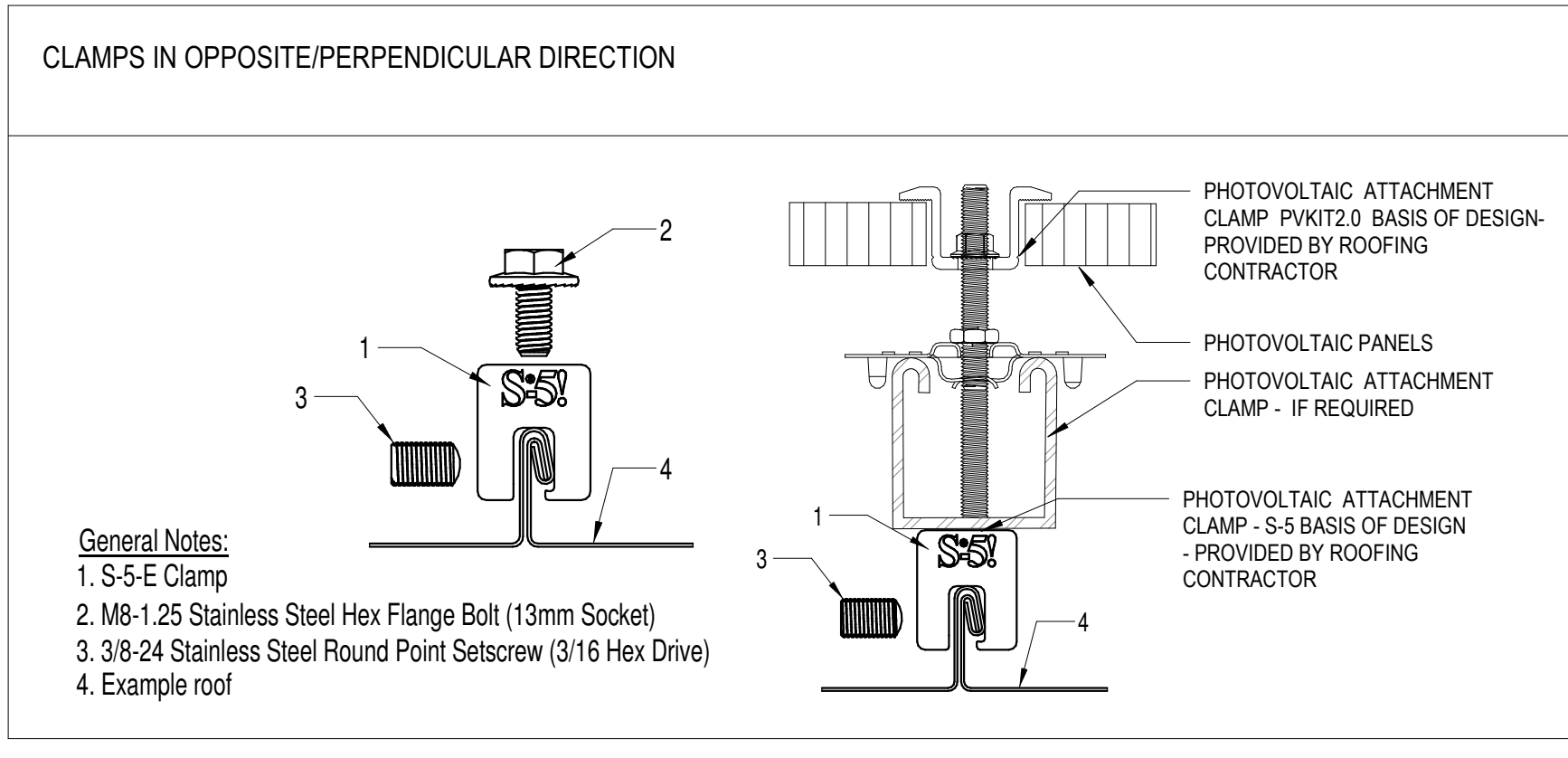
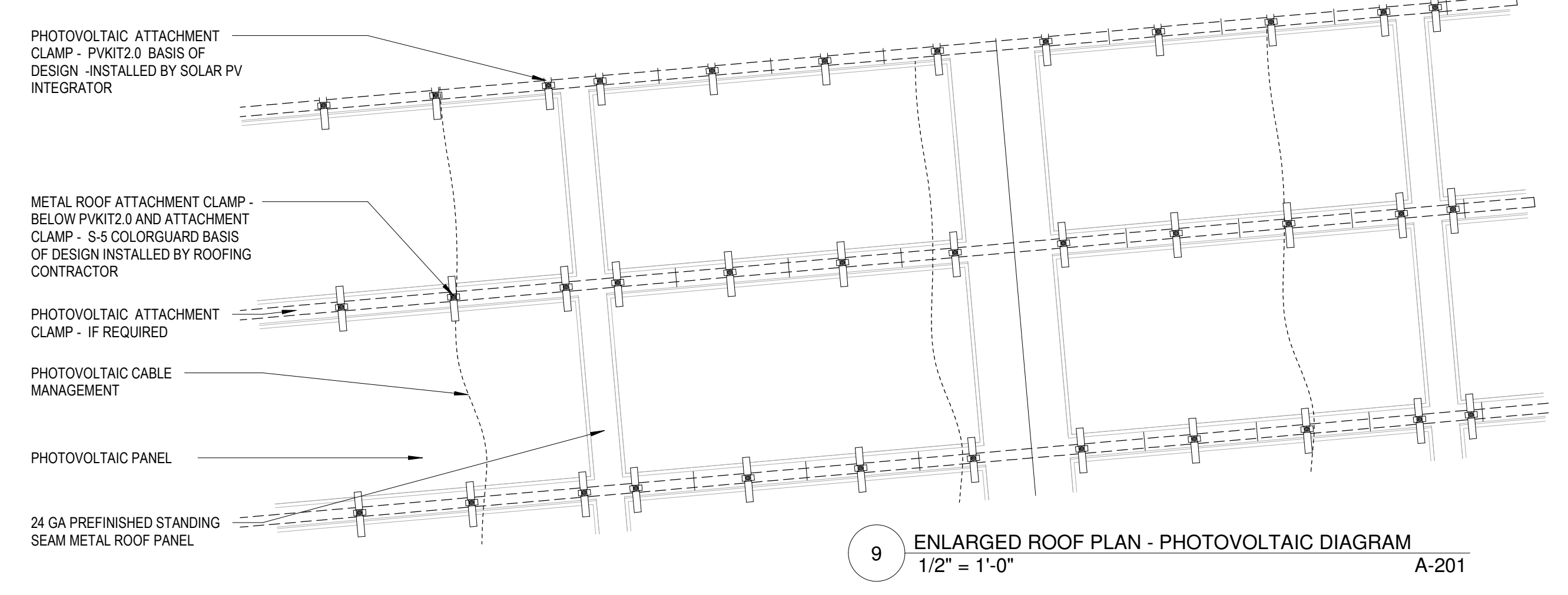


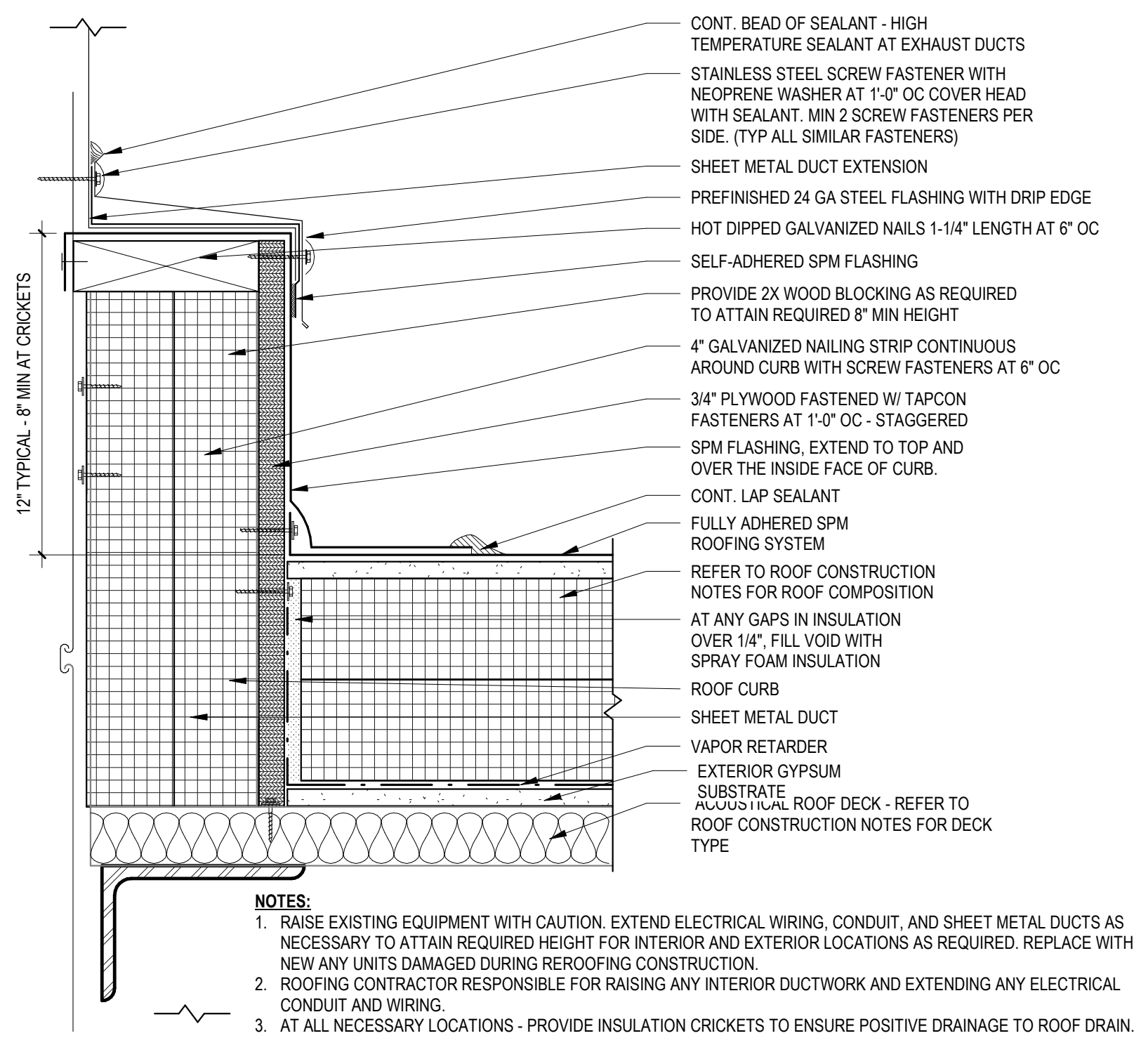
SIGNATURE
DATE 05/27/22

REVISIONS		
NO.	DESCRIPTION	DATE
5	IFC	05/27/22

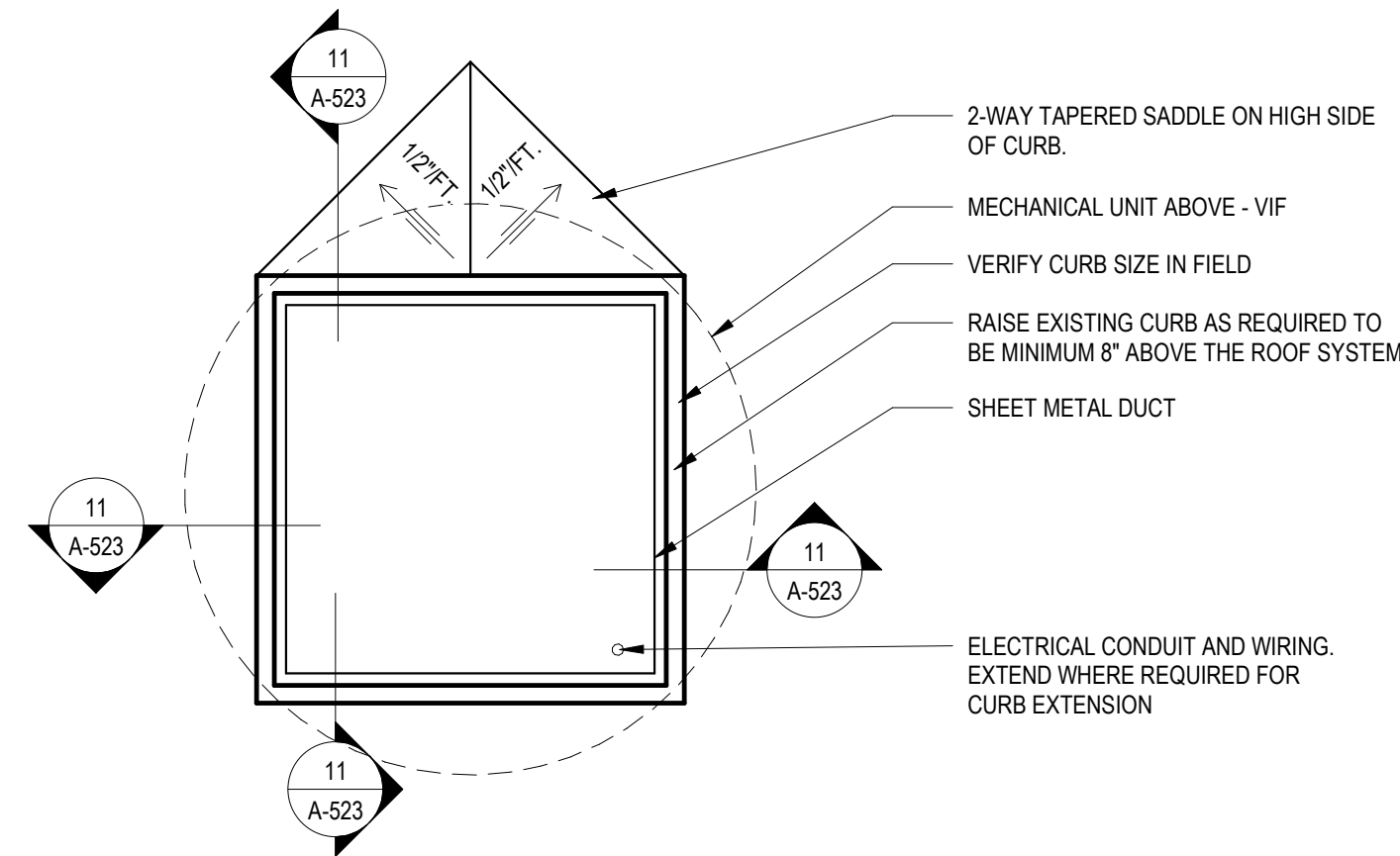
PROJECT NUMBER 221056.00
DATE OF ISSUE 5.27.2022
DRAWN BY
CHECKED BY

**TYPICAL ROOF DETAILS
- METAL ROOF**

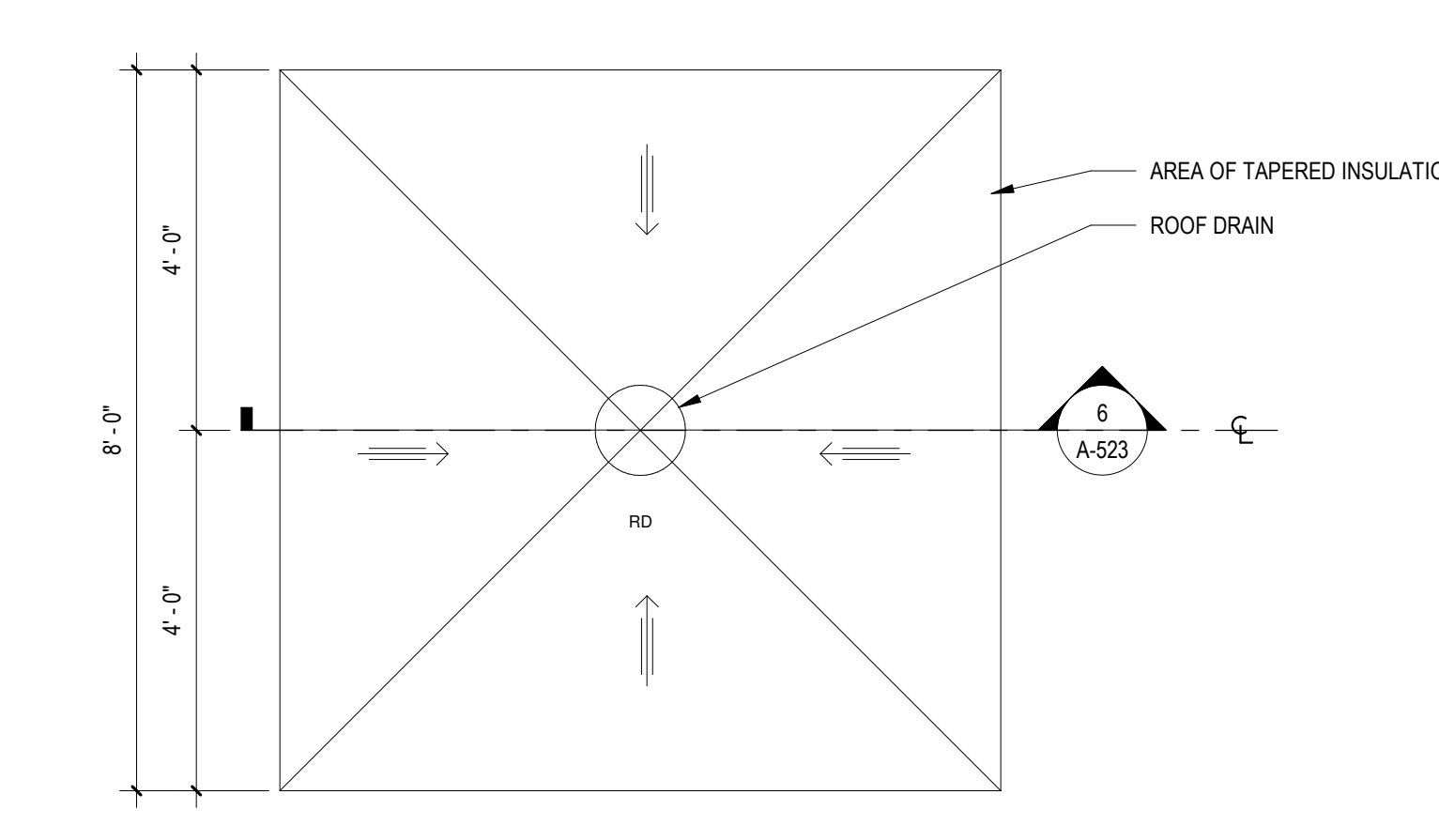




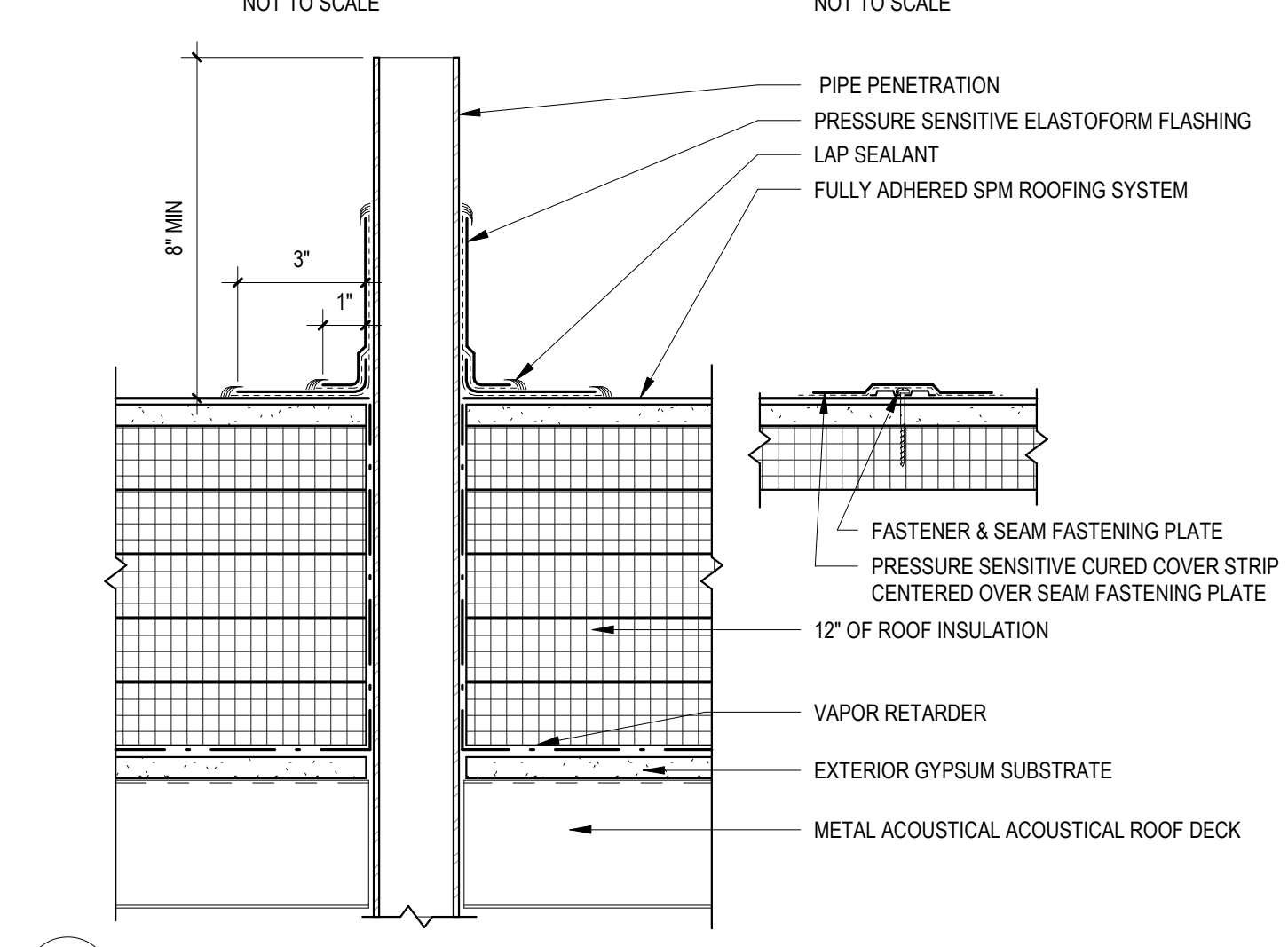
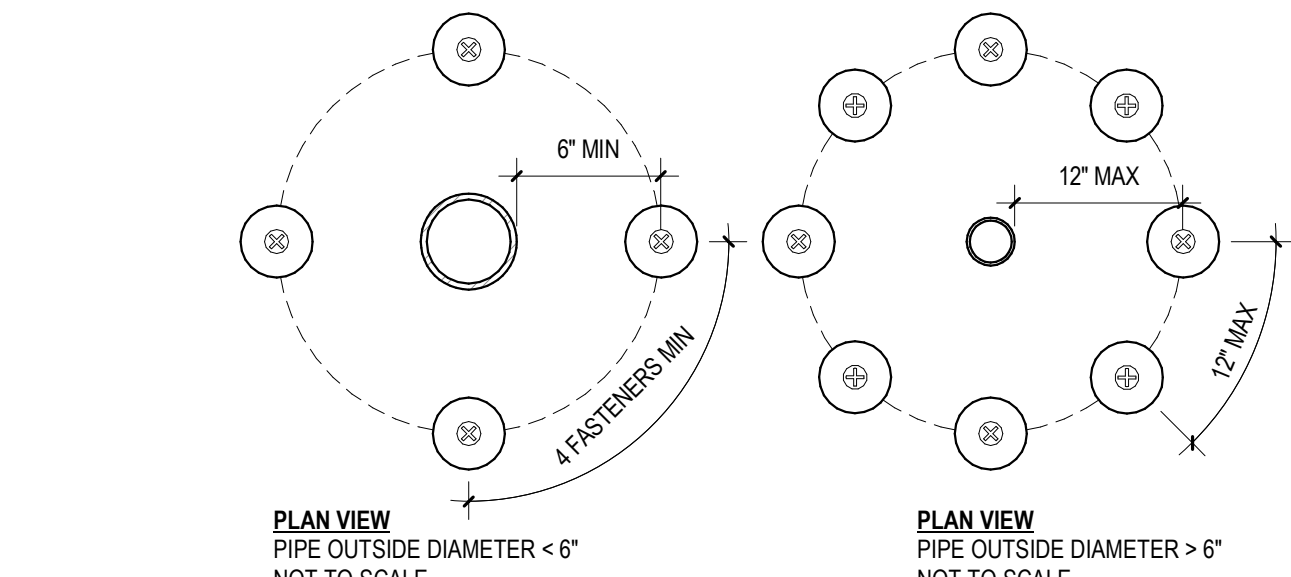
11 CURB - EXTENSION
 3" = 1'-0"
 A-523



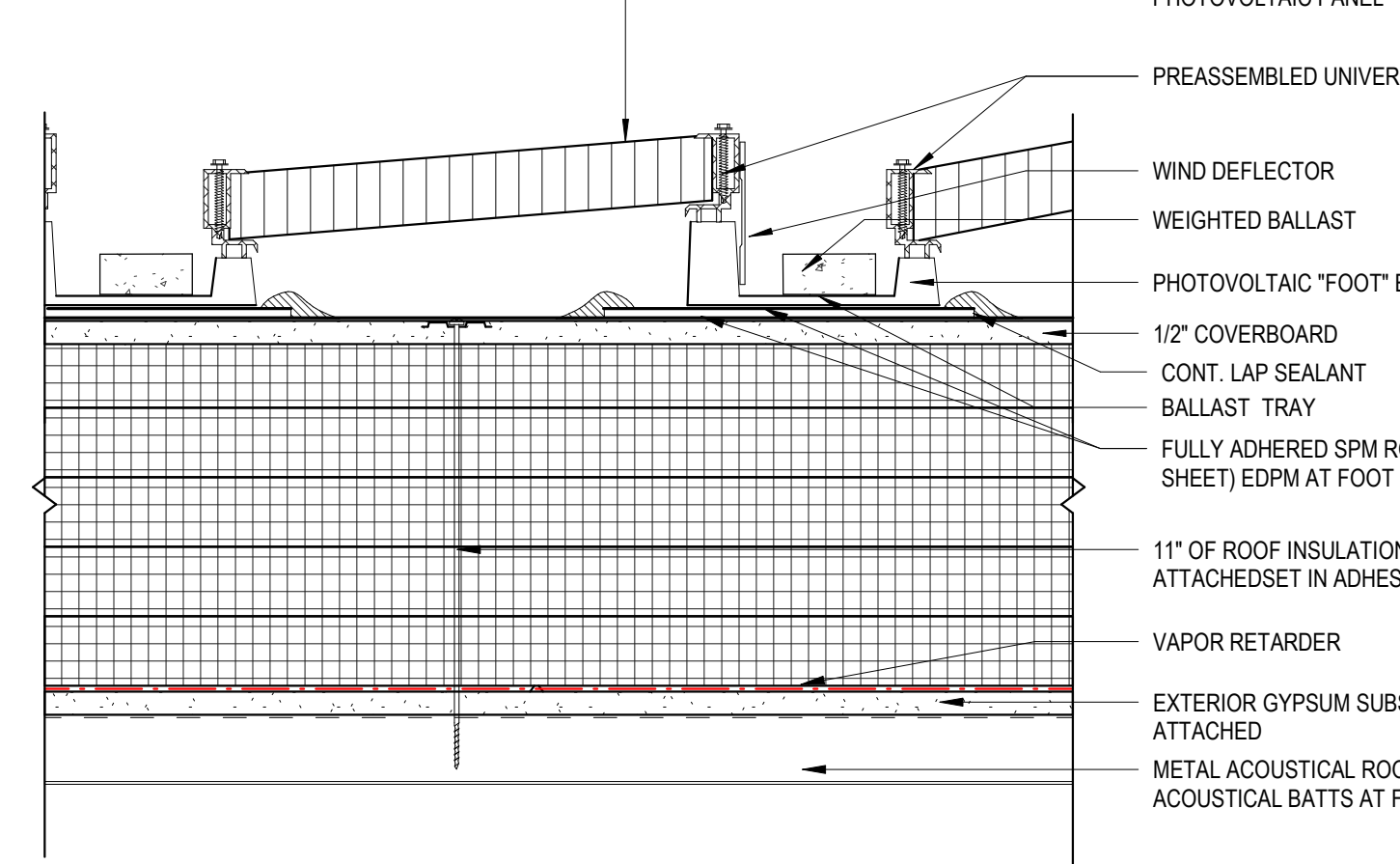
10 CURB - MECHANICAL UNIT PLAN
 1 1/2" = 1'-0"
 A-523



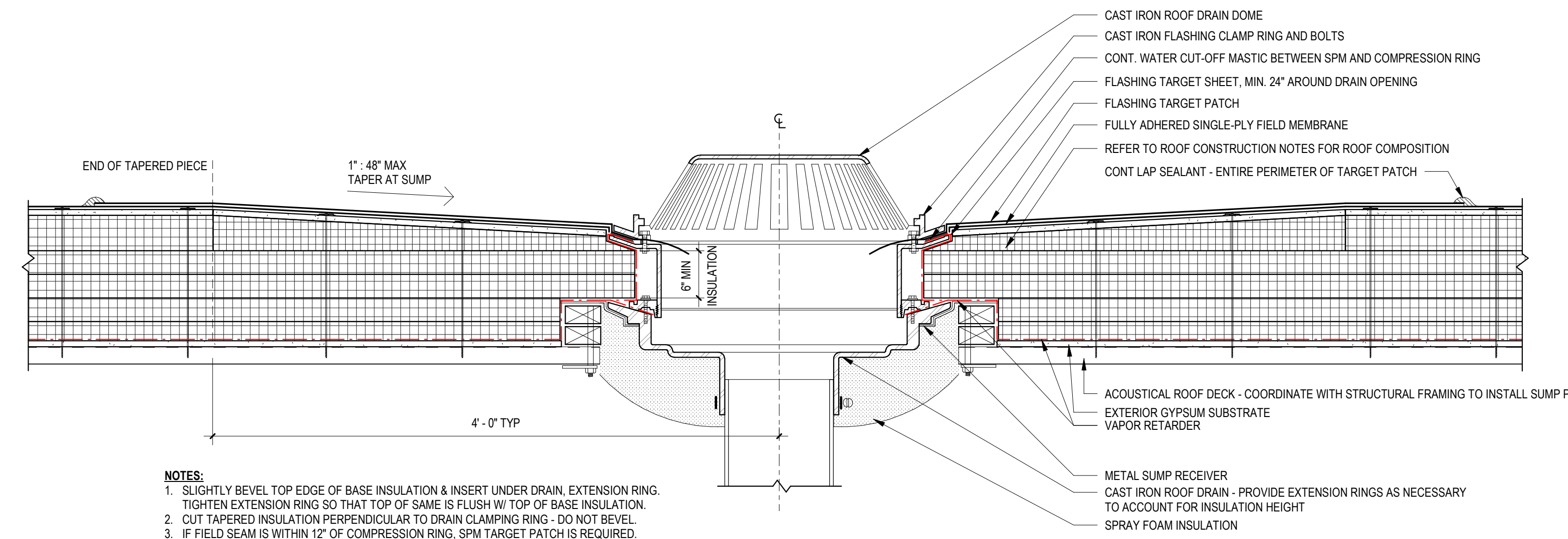
9 ROOF PENETRATION - ROOF DRAIN PAN
 1/2" = 1'-0"
 AR101



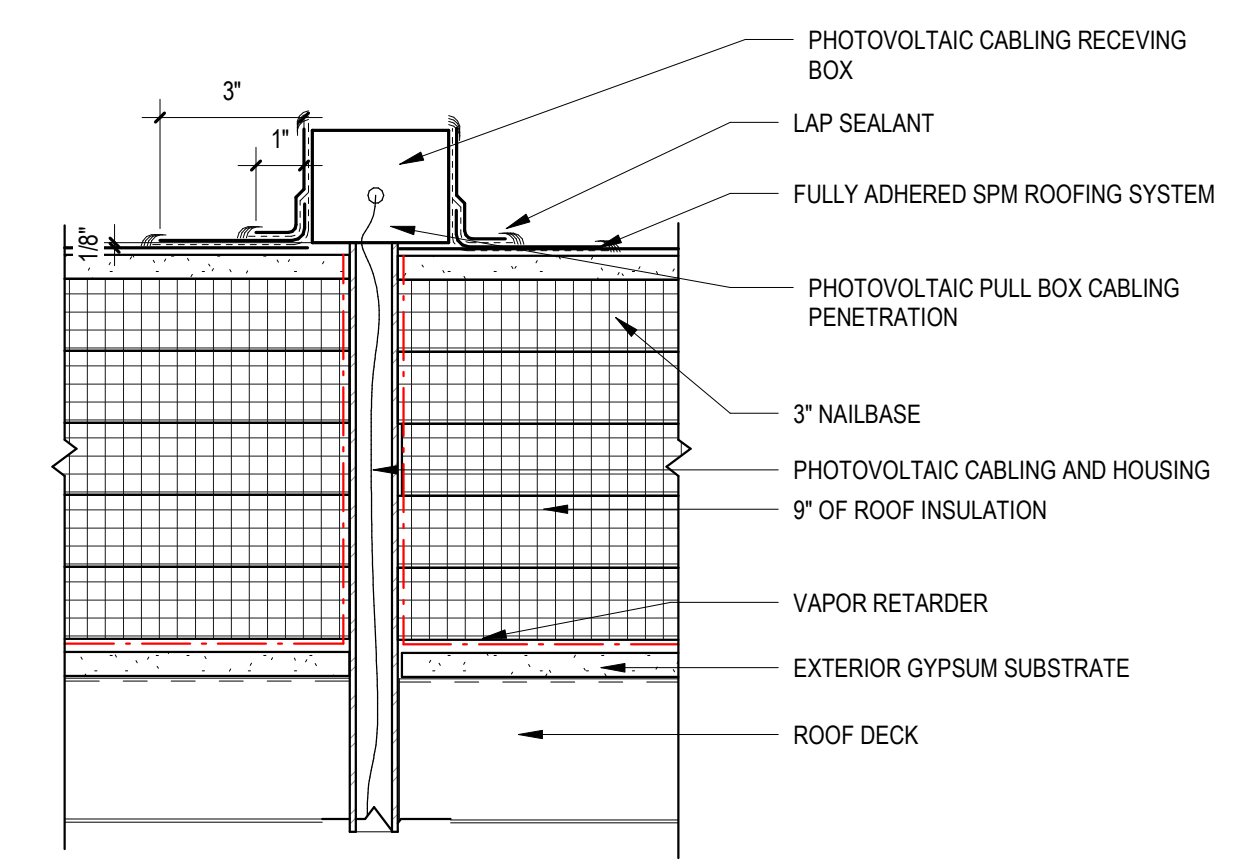
8 PIPE PENETRATION FLASHING
 3" = 1'-0"
 AR101



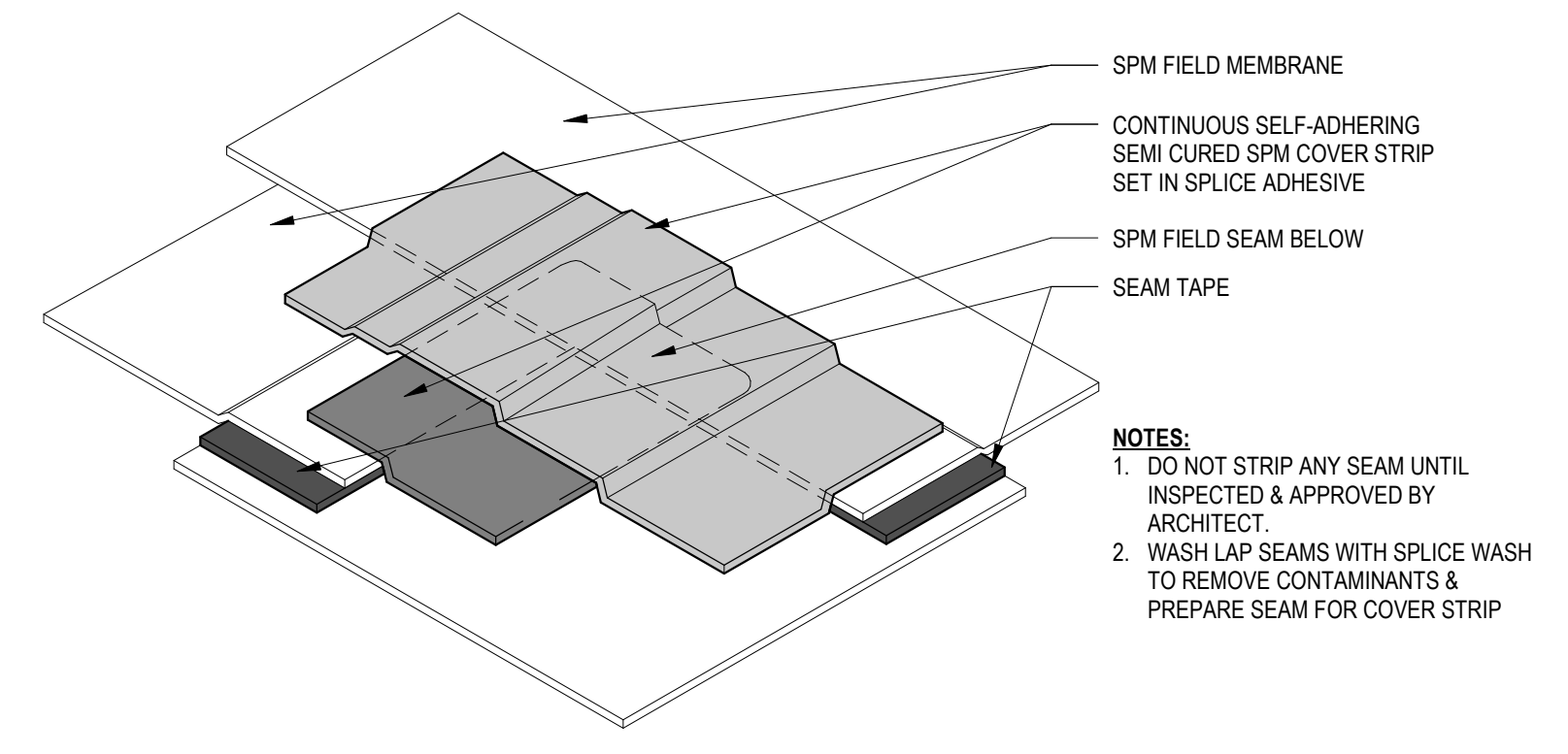
7 ROOF DETAIL AT PV PANEL - EPDM
 3" = 1'-0"
 AR101



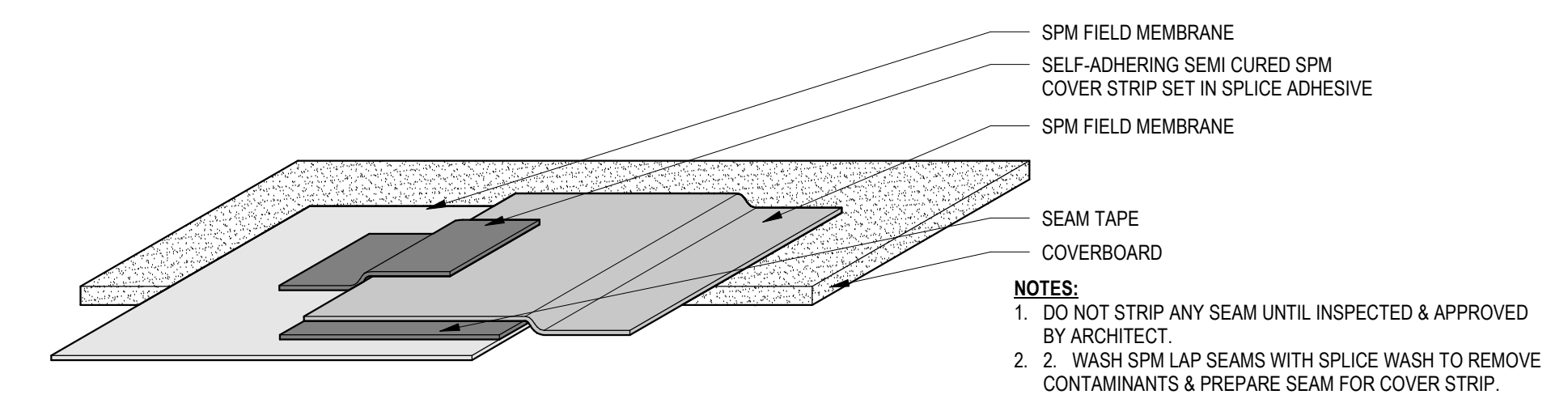
6 ROOF PENETRATION - ROOF DRAIN
 1 1/2" = 1'-0"
 A-424



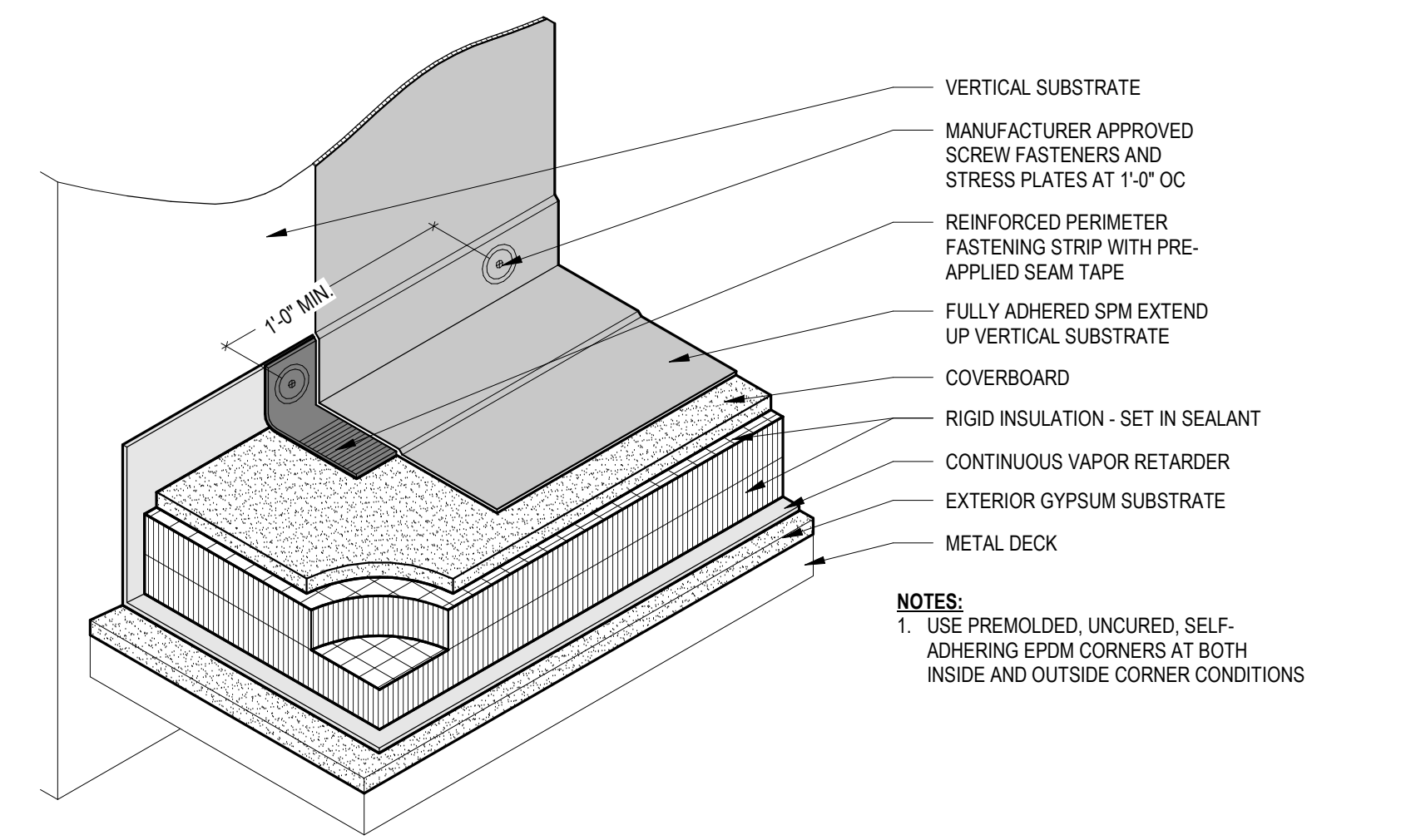
5 PHOTOVOLTAIC CABLING PENETRATION
 3" = 1'-0"
 AR101



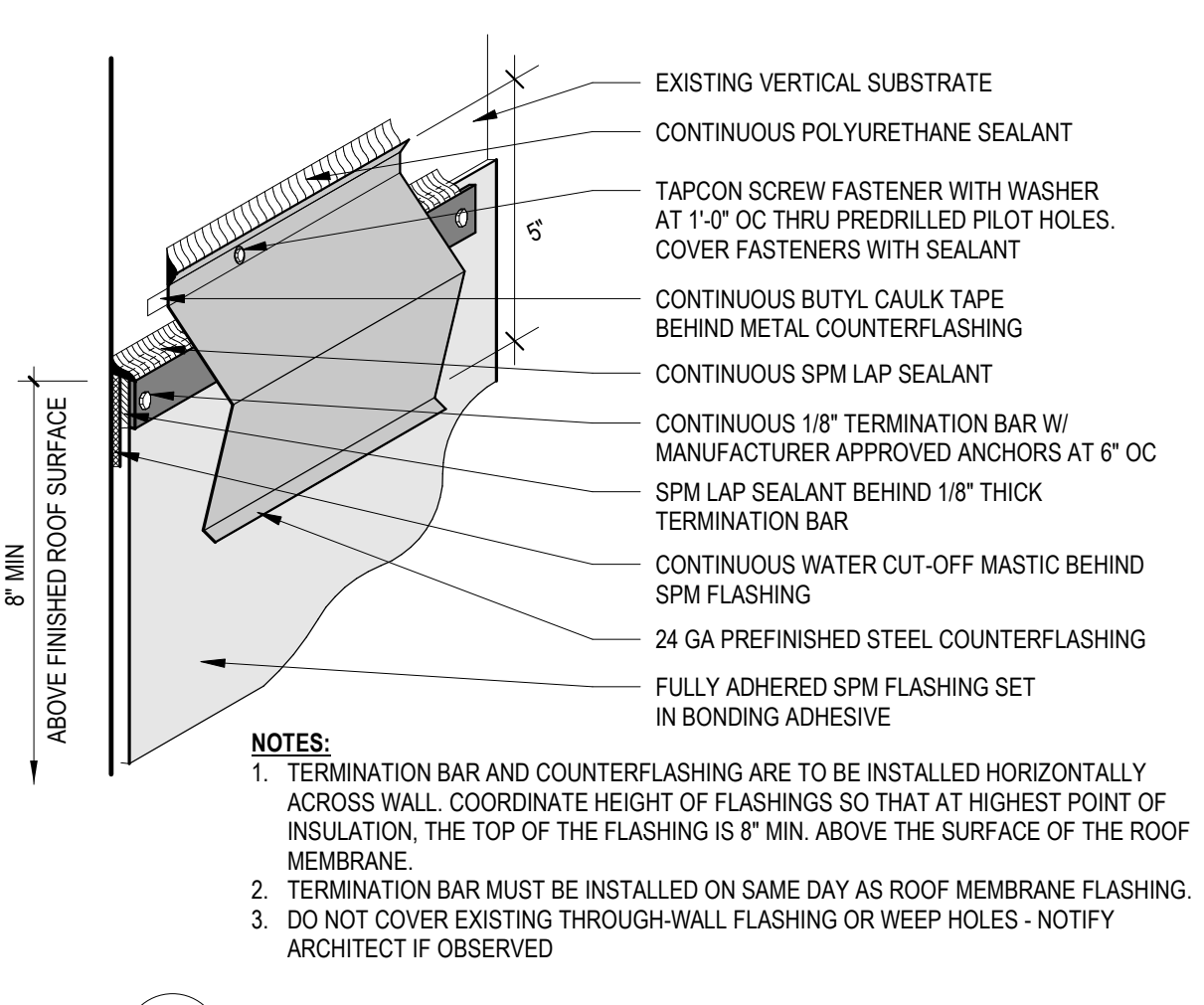
4 EPDM LAP SEAM INTERSECTION JOINT
 1 1/2" = 1'-0"
 A-313



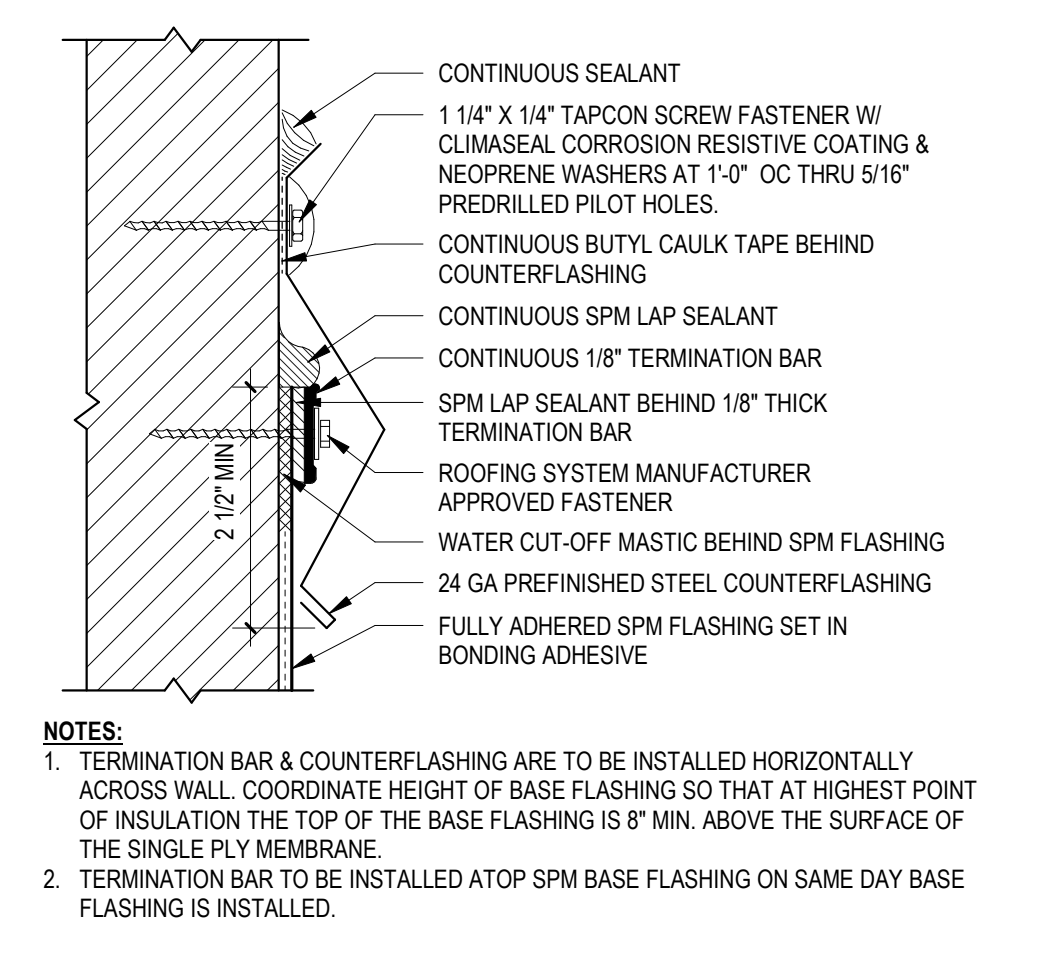
3 EPDM LAP SEAM W/ COVER STRIP
 1 1/2" = 1'-0"
 A-313



2 EPDM BASE FLASHING AXON
 1 1/2" = 1'-0"
 A-313



1A TERMINATION W/ COUNTERFLASHING AXON
 3" = 1'-0"
 A-503



1 TERMINATION W/ COUNTERFLASHING
 6" = 1'-0"
 A-503



SIGNATURE
 DATE 05/27/22

REVISIONS		
NO.	DESCRIPTION	DATE
5	IFC	05/27/22

PROJECT NUMBER 221056.00
 DATE OF ISSUE 5.27.2022
 DRAWN BY KE
 CHECKED BY MS

TYPICAL ROOF DETAILS
 - EPDM