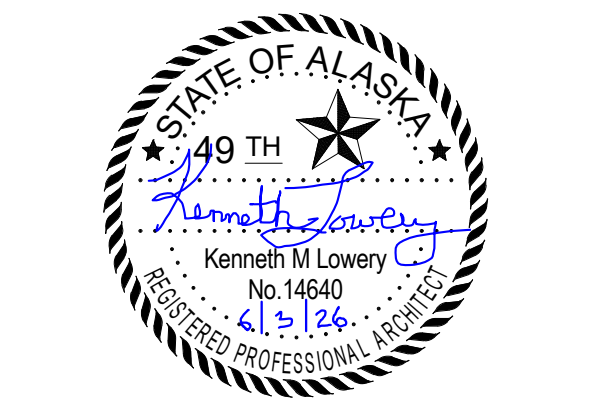


ISSUE FOR CONSTRUCTION

DOCUMENT HISTORY	
1	06/02/26 REVISION 1

AREA 3 PAD D
PACIFIC SPACEPORT COMPLEX, KODIAK ISLAND, ALASKA
ALASKA AEROSPACE CORPORATION



ARCHITECT OF RECORD:
KEN LOWERY
AK NO. 14640
DESIGNED BY
BRPH
DRAWN BY
C. KOTRLIK
PROJECT NUMBER
C09729.001
DATE
05/08/2026
TITLE

FLOOR PLAN

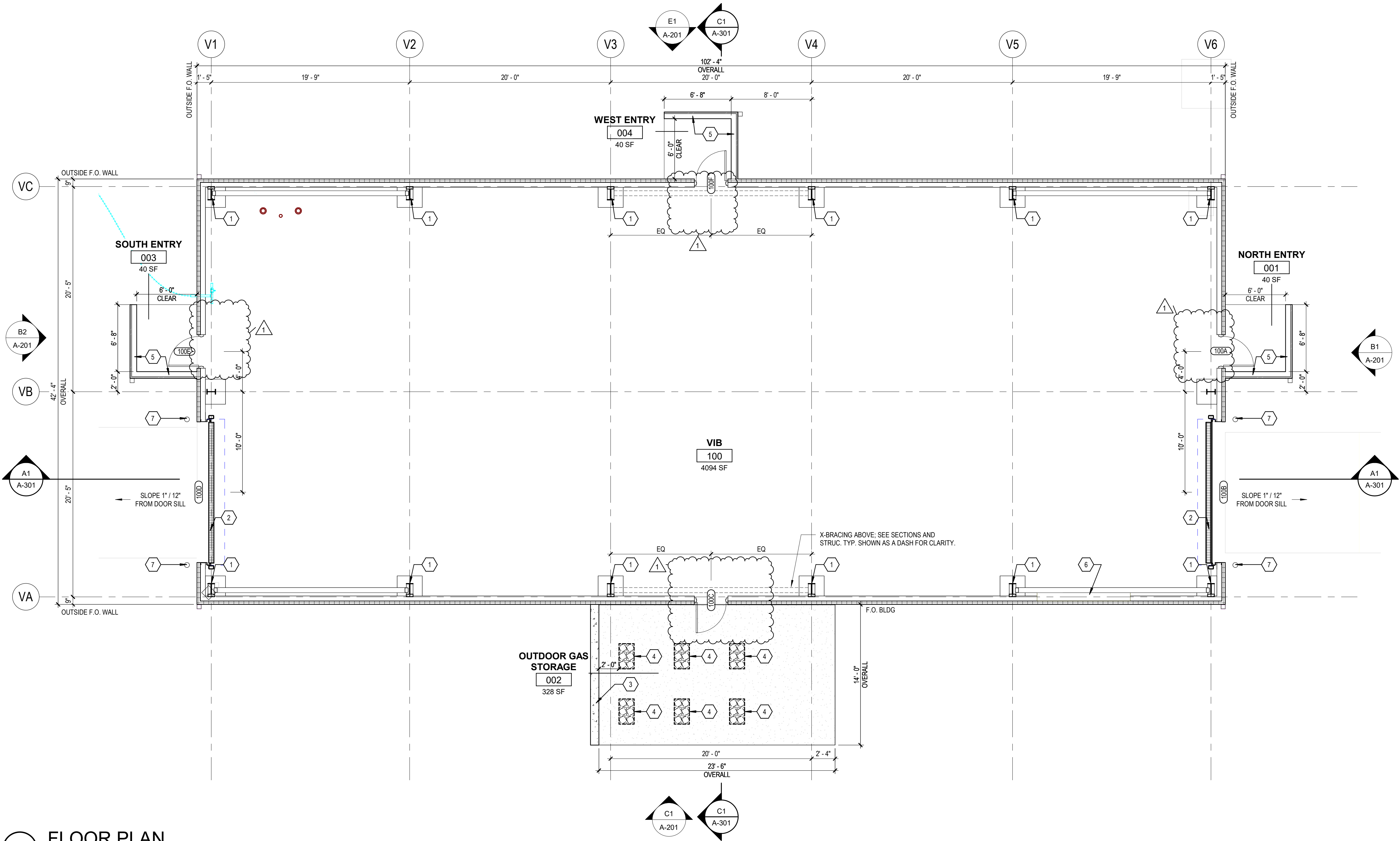
DRAWING NO.

A-101

LEGEND	
EXTERIOR PEMB INSULATED MTL PANEL WALL (TYP. PEMB WALL)	
EXTERIOR PEMB SINGLE SKIN MTL PANEL WALL (ENTRY)	

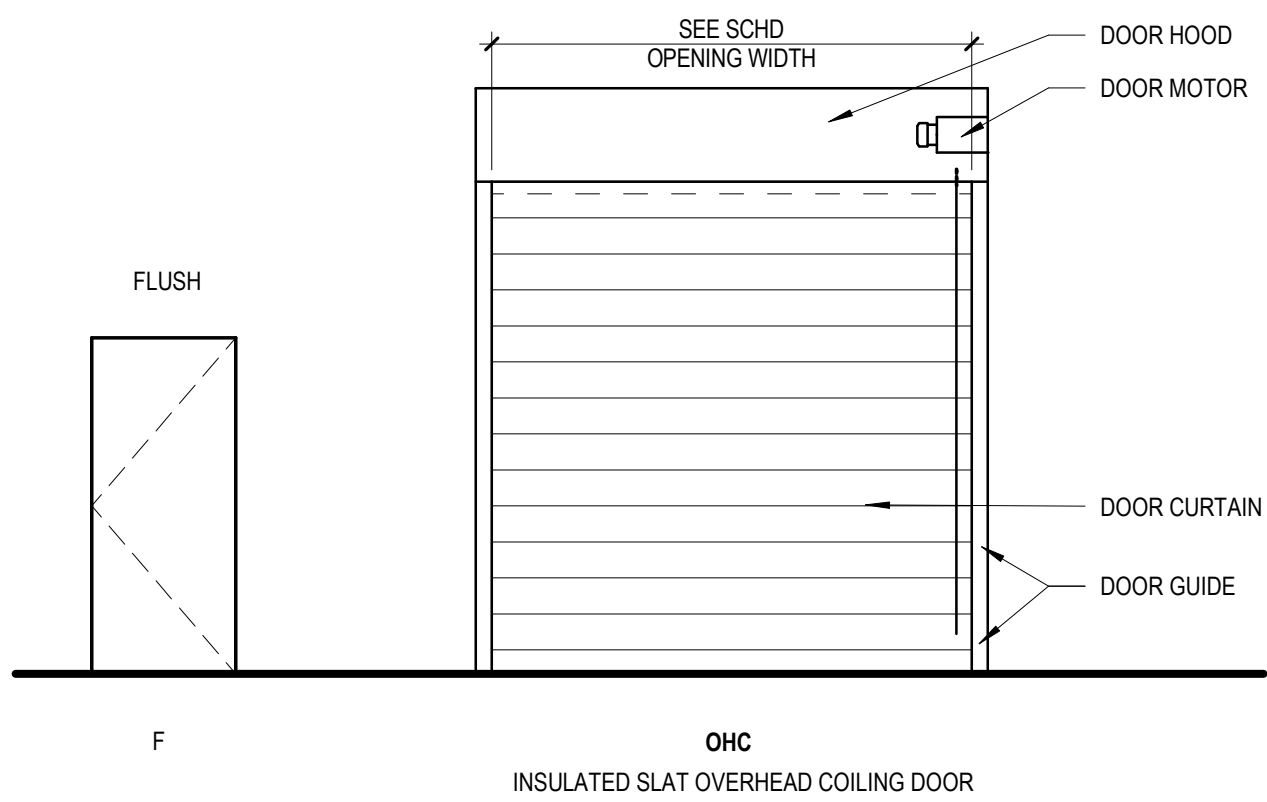
GENERAL NOTES	
1.	REFER TO STRUCTURAL DRAWINGS FOR FOUNDATIONS AND LOADS.
2.	PRE-ENGINEERED METAL BUILDING (PEMB) IS BY DELEGATED DESIGN. REFER TO PEMB DOCUMENTS FOR ADDITIONAL DETAILS.
3.	PROVIDE FLUID APPLIED ELECTRO STATIC DISSIPATIVE (ESD) FLOORING SYSTEM THROUGH VIB OPEN AREA. SYSTEM BASIS OF DESIGN: SHERWIN WILLIAMS FASTOP SLDS SDN. COLOR: LIGHT GRAY

KEYED NOTES	
1	PRE-ENGINEERED METAL BUILDING COLUMN SYSTEM ON CONCRETE PEDESTAL. REFER TO PEMB AND STRUC. DRAWINGS FOR DETAILS.
2	NOT USED
3	7'-0" HIGH CONC. BLAST PROTECTION WALL; SEE STRUC. DOCS FOR DETAILS.
4	GAS STORAGE RACKS IN FUTURE BY CUSTOMER, REFER TO MECHANICAL DRAWINGS FOR DETAILS.
5	SINGLE SKIN MTL PANEL ENCLOSURE W/ ROOF; SEE SECTIONS AND DETAILS.
6	ELEC. EQUIPMENT; SEE ELEC DOCS.
7	CONC. FILLED MTL PIPE BOLLARD. SEE OHCD DETAIL FOR LOCATION. PAINTED SAFETY YELLOW.



E1 FLOOR PLAN
3/16" = 1'-0"

DOOR SCHEDULE													
REV	NUMBER	TYPE	DOOR			MATL	HARDWARE	TYPE	MATL	FRAME			COMMENTS
			WIDTH	HEIGHT	THICK					HEAD	DETAIL		
											JAMB	SILL	
	100A	F	3'-0"	7'-0"	0'-1 3/4"	HM	1	A	HM	DH-1	DJ-1a/b	DS-1	
	100B	OHCD	14'-0"	16'-0"	0'-1"	STL	2	-	STL	DH-2	DJ-2	DS-2	
	100C	F	3'-0"	7'-0"	0'-1 3/4"	HM	1	A	HM	DH-1	DJ-1a/b	DS-1	
	100D	OHCD	14'-0"	16'-0"	0'-1"	STL	2	-	STL	DH-2	DJ-2	DS-2	
	100E	F	3'-0"	7'-0"	0'-1 3/4"	HM	1	A	HM	DH-1	DJ-1a/b	DS-1	
	100F	F	3'-0"	7'-0"	0'-1 3/4"	HM	1	A	HM	DH-1	DJ-1a/b	DS-1	



DOOR TYPE ELEVATIONS
1/4" = 1'-0"

Hardware Group No. 1 - EXTERIOR SINGLE DOORS

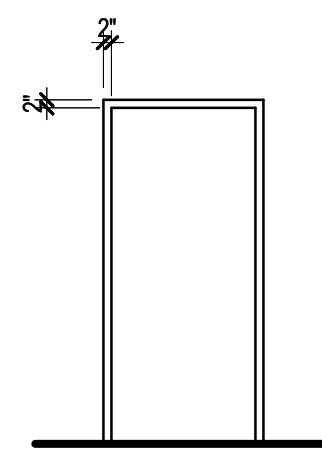
Provide each SGL door(s) with the following:

Qty	EA	Description	Catalog Number	Finish	Mfr
3	EA	HINGE	B881 4.5" X 4.5" NRP 26D	26D	PBB
1	EA	PANIC HARDWARE	CDSI-98-L-RHO	626	VON DUPRIN
1	EA	SURFACE CLOSER (PUSH SIDE)	SC71 RW/PA TB	626	FALCON
1	EA	THRESHOLD	276	A	PEMKO
1	EA	DOOR SWEEP	216_PK	C	PEMKO
3	EA	SILENCER	SR64	GRY	IVES
1	EA	WS HEAD SECTION	2891APK	AL	PEMKO
1	EA	WS JAMBS	290APK	AL	PEMKO
1	EA	RAIN DRIP	346A	AL	PEMKO
1	EA	KICK PLATE	KP50 10 X 34 HB4E	32D	MCK
1	EA	PRIMUS CORE		C23	EVEREST PRIMUS
1	EA	CIPHER LOCK	CO-200-MD-40	626	SCHLAGE

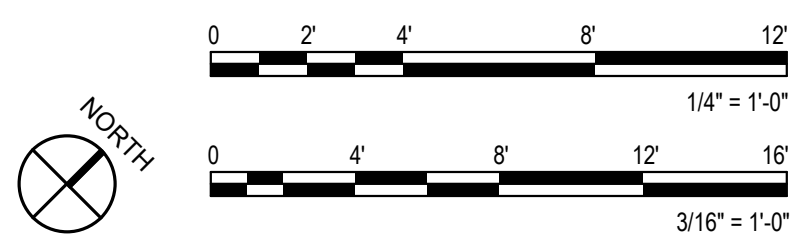
Hardware Group No. 2 - OVERHEAD COILING DOORS

Provide each door with the following:

Qty	EA	Description	Catalog Number	Finish	Mfr
1	EA	PADLOCK		26D	SCHLAGE
1	EA	PRIMUS CORE		C23	EVEREST PRIMUS



DOOR FRAME ELEVATIONS
1/4" = 1'-0"



ISSUE FOR CONSTRUCTION

DOCUMENT HISTORY

1	06/02/26	REVISION 1

AREA 3 PAD D
PACIFIC SPACEPORT COMPLEX, KODIAK ISLAND, ALASKA
ALASKA AEROSPACE CORPORATION



ARCHITECT OF RECORD
KEN LOWERY
AK NO. 14640

DESIGNED BY
BRPH
DRAWN BY
C. KOTRLIK
PROJECT NUMBER
C09729.001
DATE
05/08/2026
TITLE
ROOF PLAN

DRAWING NO.

A-191

LEGEND

IRP-1 INSULATED MTL ROOF PANEL:

- MATERIAL: STEEL
- INSTALL: 36" INSULATED MTL PANEL OVER PEMB GIRTS BY PEMB MANUFACTURER
- MANUF: BOO METL SPAN® LS-36 INSULATED METAL ROOF PANEL
- METAL PANELS: 5" THICK R-4.8, 22 GA. G-90 STEEL
- FINISH: FLUOROPOLYMER, COLOR: HARVEST BEIGE

URP-1 UNINSULATED MTL PANEL:

- MATERIAL: STEEL
- INSTALL: 24" STANDING SEAM MTL PANEL OVER PEMB GIRTS BY PEMB MANUFACTURER
- MANUF: BOO NICK® CFS STANDING SEAM ROOF PANEL
- UN-INSULATED
- METAL PANELS: 3" THICK 24 GA. G-90 STEEL
- FINISH: MATCH IRP-1

IRP-1

URP-1

ROOF NOTES

- ALL ROOFING MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH IBC 2021.
- SLOPE ALL GUTTERS MIN 1/8" PER FOOT TO NEAREST DOWNSPOUT (SEE CALCS).
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN AND VERIFY THEIR OWN FIELD MEASUREMENTS FOR THE EXECUTION OF HIS WORK AND PRIOR TO FABRICATION OF THE VARIOUS COMPONENTS OF THE WORK.
- ALL ROOF PENETRATIONS REQUIRED FOR INSTALLATION OF MECHANICAL UNITS, EQUIPMENT CURBS, VENTS, ETC. MUST BE DONE PER PEMB MANUFACTURER'S RECOMMENDATIONS TO ENSURE ALL WARRANTIES ARE MAINTAINED. PROVIDE FLASHING, COUNTERFLASHING, SEALANT, ETC. AS REQUIRED TO PROVIDE WATERPROOF CONDITIONS, TYPICAL AT ALL ROOF PENETRATIONS.
- LOCATIONS AND QUANTITIES OF ALL VENTS, FLASHINGS, ETC. SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD. DISCREPANCIES IN THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE CONT. PROJECT MGR. PRIOR TO PROCEEDING WITH WORK. PROCEDURE WITHOUT NOTIFICATION WILL BE CONSIDERED ACCEPTANCE OF FIELD CONDITIONS AND PART OF THE CONTRACTOR'S SCOPE OF WORK.
- ALL ROOFING SYSTEMS AND COMPONENTS SHALL BE INSTALLED IN CONFORMANCE WITH THE GUIDELINES OF THE NATIONAL ROOFING CONTRACTORS ASSOCIATION (NRCA).
- ALL SHEET METAL WORK SHALL BE REQUIRED TO CONFORM TO THE GUIDELINES OF THE SHEET METAL AND AIR CONDITIONING NATIONAL ASSOCIATION (SMACNA).
- ALL VERTICAL CONDUCTORS AND DOWN SPOUTS SHALL BE REQUIRED TO CONFORM TO THE GUIDELINES OF THE INTERNATIONAL PLUMBING CODE PER THE CALCULATIONS TABLE BELOW.
- ALL WOOD BLOCKING TO BE PRESSURE TREATED BLOCKING. ALL FASTENERS TO BE STAINLESS STEEL.
- DAYLIGHT DISCHARGE DOWNSPOUTS TO SURFACE; SYSTEM SEE CIVIL.

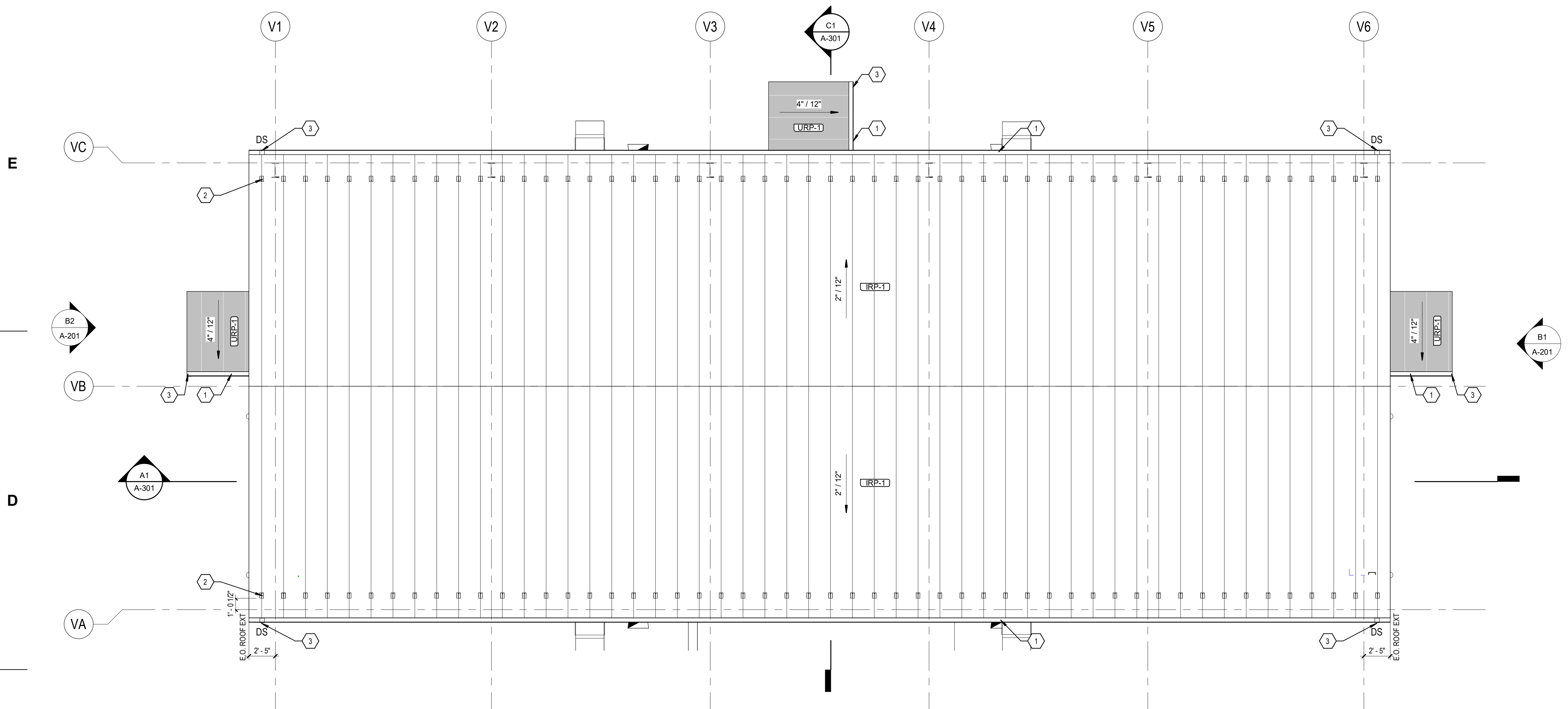
KEYED NOTES

- PEMB PRE-FINISHED MTL GUTTER W/ SNOW CLIPS. SEE CALCULATIONS FOR SIZING; SEE DETAILS FOR SNOW CLIPS.
- ROOF SNOW GUARDS SECURED TO STANDING SEAM ROOF CLIPS; BOO ALPINE SNOWGUARDS® STANDING SEAM TWO-PIPE SNOW GUARD, MODEL NO. ASG4000G, SPACED AT EACH PANEL SEAM PER MANUF. INSTRUCTIONS.
- PEMB PRE-FINISHED MTL DOWNSPOUTS TERMINATING AT SPLASH BLOCKS AT GRADE. SEE CALCULATIONS FOR SIZING.

ROOF DRAINAGE CALCULATIONS

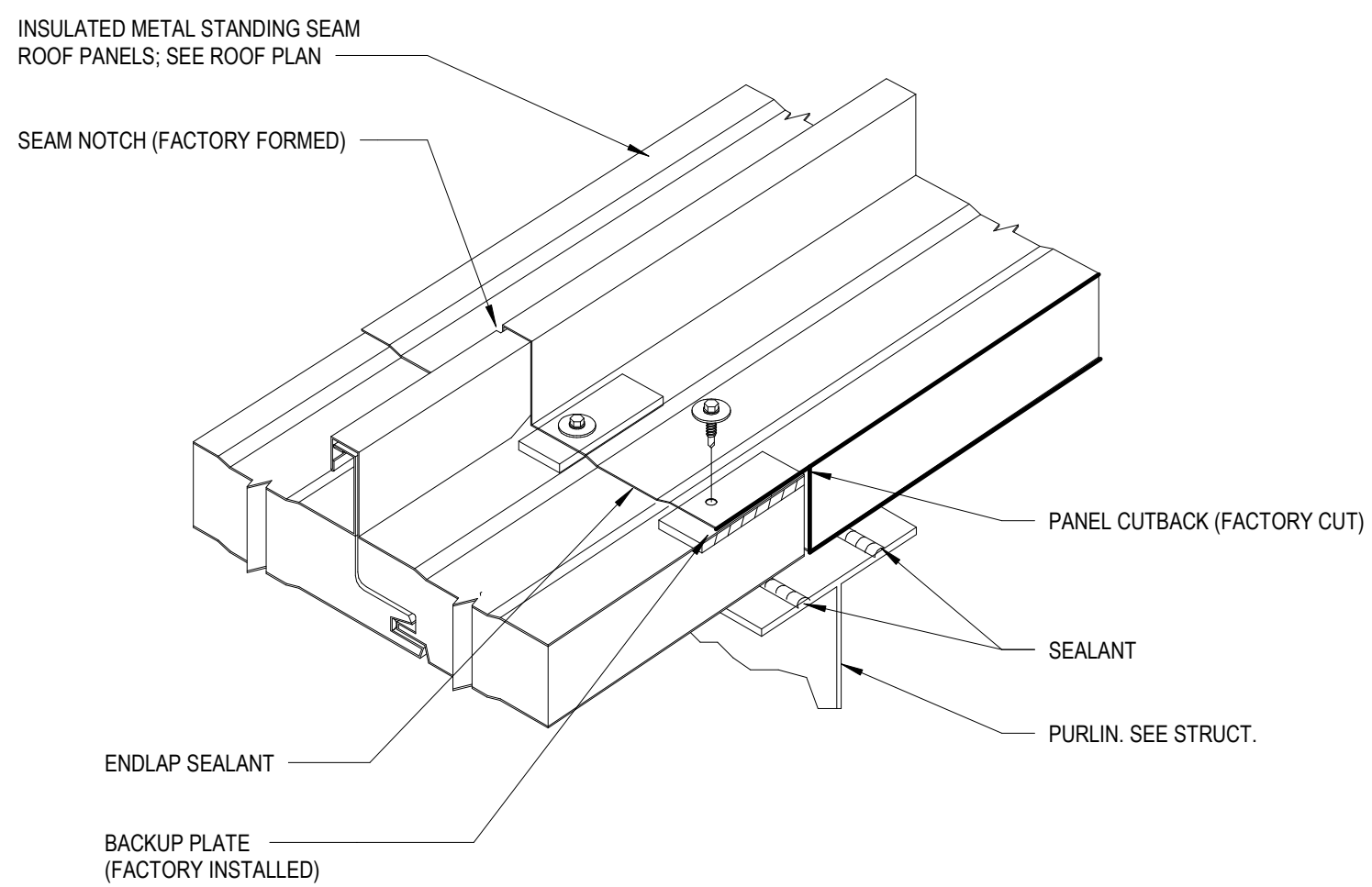
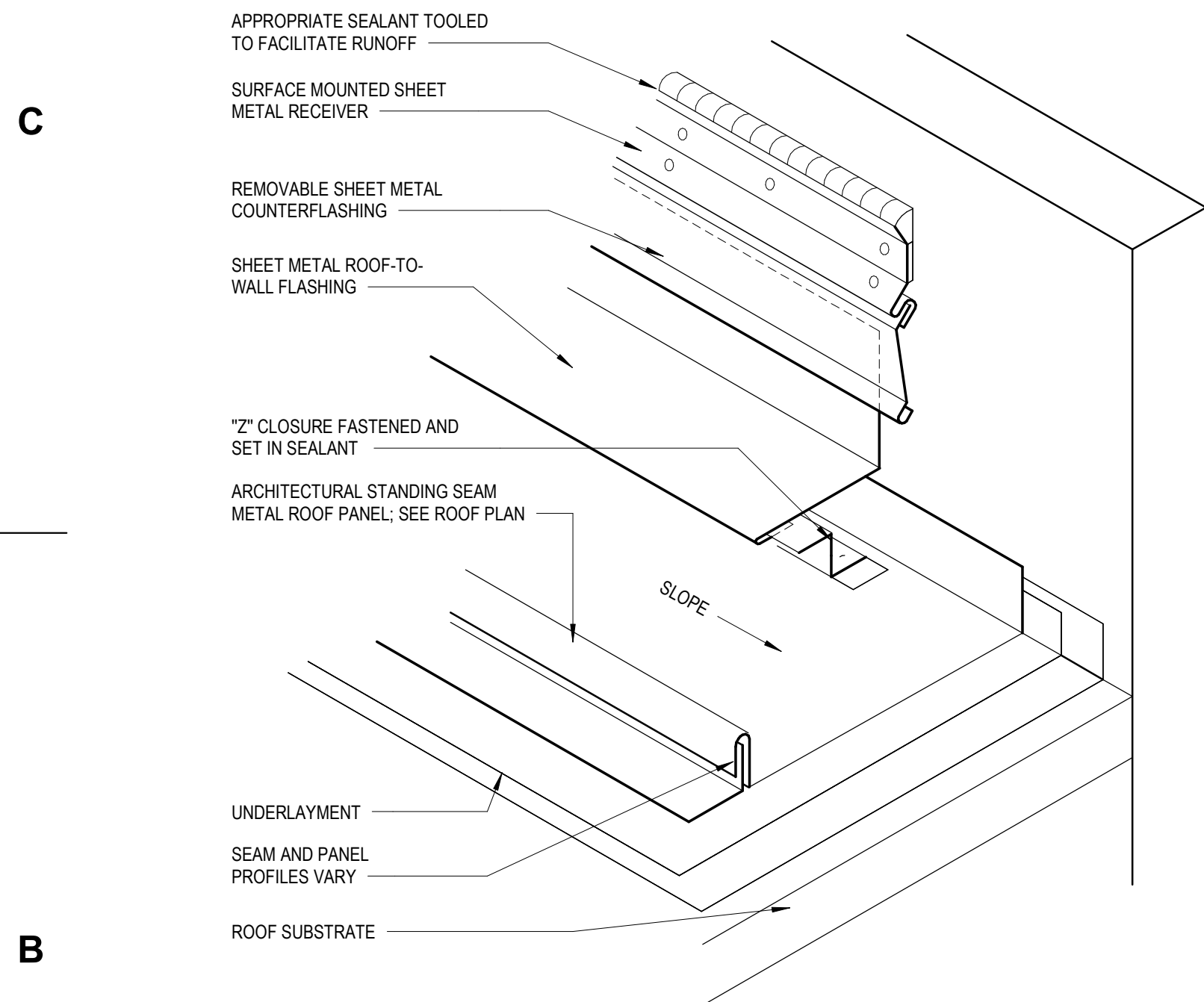
IPC 2021 (INTERNATIONAL PLUMBING CODE)
FIGURE 1106.1
100-YEAR, 1-HOUR RAINFALL (INCHES) FOR KODIAK, AK = APPROX. 1.28"
TABLE 1106.4
Size of vertical conductors and leaders shall be sized based on the flow rate from horizontal gutters or the maximum flow rate through roof drains.
LEGEND:
R₂ : SQFT OF PROJECTED ROOF AREA PER QUADRANT
TOTAL GARAGE ROOF AREA = 4,480 SF (R₂)
R₂ = ROOF AREA PER QUADRANT = R₁ / 4 = 4,480 / 4 = 1,120 SF
GALLONS PER MINUTE (GPM) = (1/2" X 12" X 1.28") / 231 = 0.80 GAL/HR / 60 MIN = 0.0133 GPM
Total GPM = (R₂ x 0.0156) / 4 = (4,480 x 0.0133) / 4 = 14.89 gpm per DS
MIN. REQUIRED:
4" Ø GUTTER, SLOPE @ 1/8" / 12", W/ (2) 2" X 2" DS, EACH SIDE
MIN. PROVIDED:
5"x5" GUTTER, SLOPE @ 1/8" / 12", W/ (2) 5" X 5" DS, EACH SIDE

NOTE:
1. RAINFALL DATA GATHERED FROM NOAA ATLAS 14 POINT PRECIPITATION FREQUENCY ESTIMATES. PRECIPITATION FREQUENCY IS ESTIMATED WITH 50% CONFIDENCE INTERVALS. SEE ADDITIONAL INFORMATION AT: <https://www.noaa.gov>
2. DIMENSIONS ARE WIDTH BY DEPTH FOR RECTANGULAR SHAPES. SINGULAR DIMENSIONS ARE DIAMETER (Ø) OF A SEMI-CIRCLE GUTTER PROFILE.



E1 ROOF PLAN

3/16" = 1'-0"



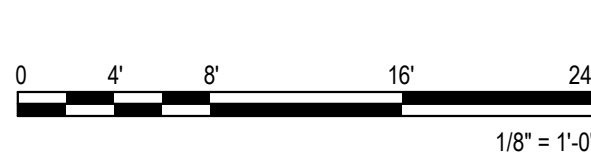
B1 ROOF-TO-WALL TRANSITION

NTS

B2 ROOF ENDLAP ISOMETRIC

NTS

- NOTES:
- THIS DETAIL SHOULD BE USED ONLY WHERE THE DECK IS SUPPORTED BY THE ABUTTING WALL.
 - SPECIFIC FASTENING REQUIREMENTS ARE NOT INDICATED, AS THEY VARY FROM SYSTEM TO SYSTEM DEPENDING UPON PANEL MANUFACTURER'S REQUIREMENTS, WIND ZONE AND BUILDING CODE.
 - THIS DETAIL MAY BE USED WITH "STARTER" AND "END" PANELS.
 - REFER TO SM-13, 14, 15 IN THE SHEET METAL SECTION FOR ADDITIONAL COUNTERFLASHING OPTIONS.
 - THIS DETAIL FIXES THE PANEL IF THE 2" CLOSURE IS FASTENED TO THE ROOF SUBSTRATE.



ISSUE FOR CONSTRUCTION

DOCUMENT HISTORY	
1	06/02/26 REVISION 1

GENERAL NOTES

1. REFER TO STRUCTURAL DRAWINGS FOR FOUNDATIONS AND LOADS.
2. PRE-ENGINEERED METAL BUILDING (PEMB) IS BY DELEGATED DESIGN; REFER TO PEMB DOCUMENTS FOR ADDITIONAL DETAILS.
3. SEE ROOF PLAN FOR ROOF MATERIAL CALLOUTS
4. SEE ELEVATIONS FOR EXTERIOR WALL MATERIAL CALLOUTS.

E

D

C

C1 BUILDING SECTION N/S
1/4" = 1'-0"

C4 TYPICAL EXTERIOR WALL SECTION N/S
3/8" = 1'-0"

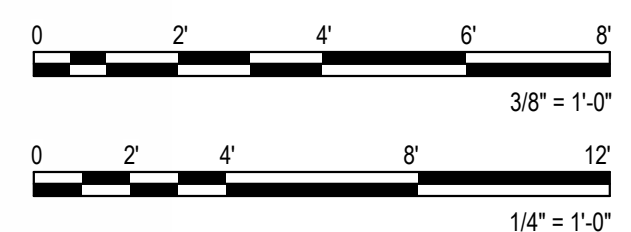
C5 TYPICAL EXTERIOR WALL SECTION E/W
3/8" = 1'-0"

C6 TYPICAL ENTRY LEAN-TO WALL SECTION
3/8" = 1'-0"

B

A

A1 BUILDING SECTION E/W
1/4" = 1'-0"



AREA 3 PAD D
PACIFIC SPACEPORT COMPLEX, KODIAK ISLAND, ALASKA
ALASKA AEROSPACE CORPORATION



ARCHITECT OF RECORD
KEN LOWERY
AK NO. 14640
DESIGNED BY
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TITLE
BUILDING SECTIONS

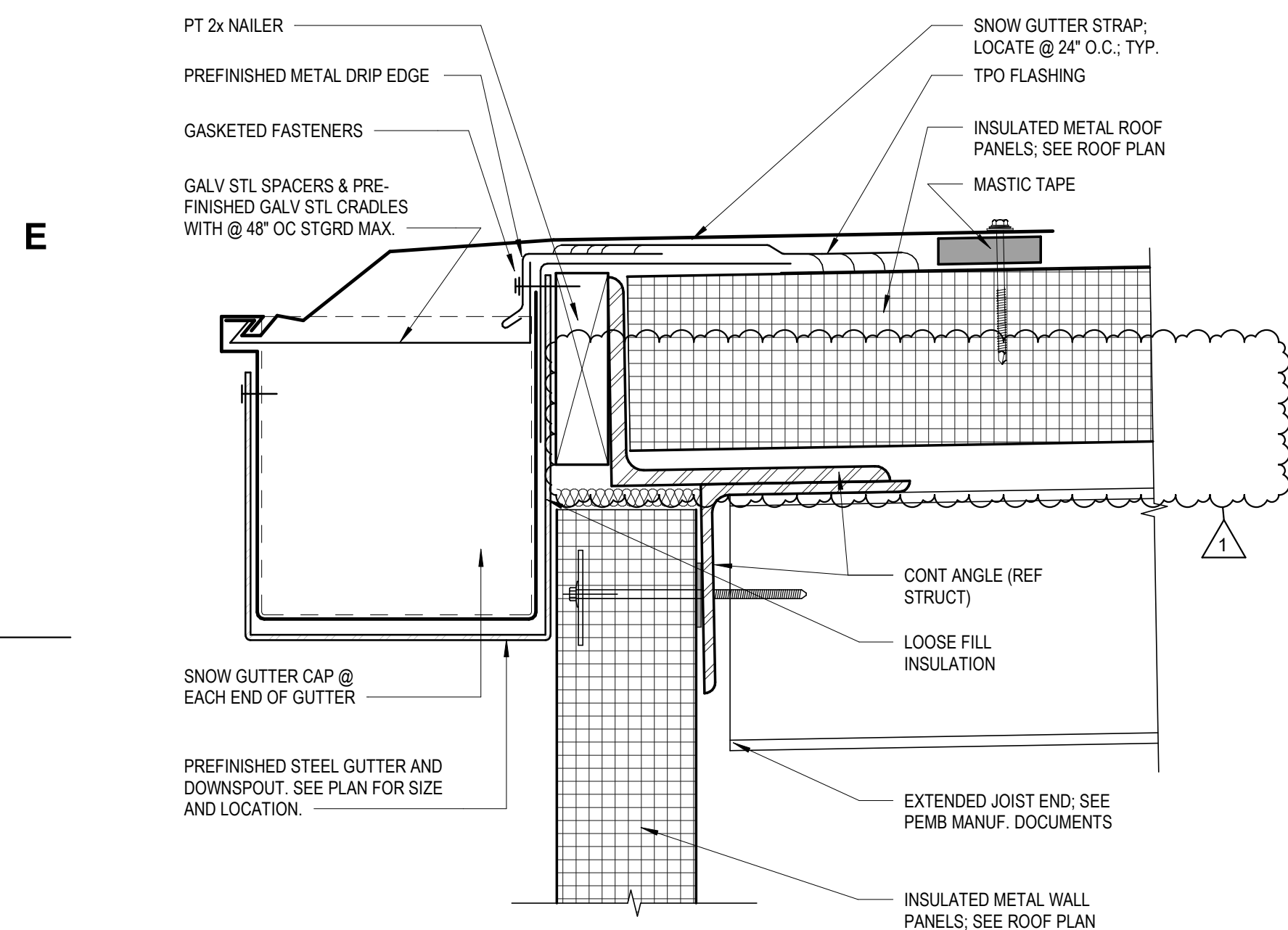
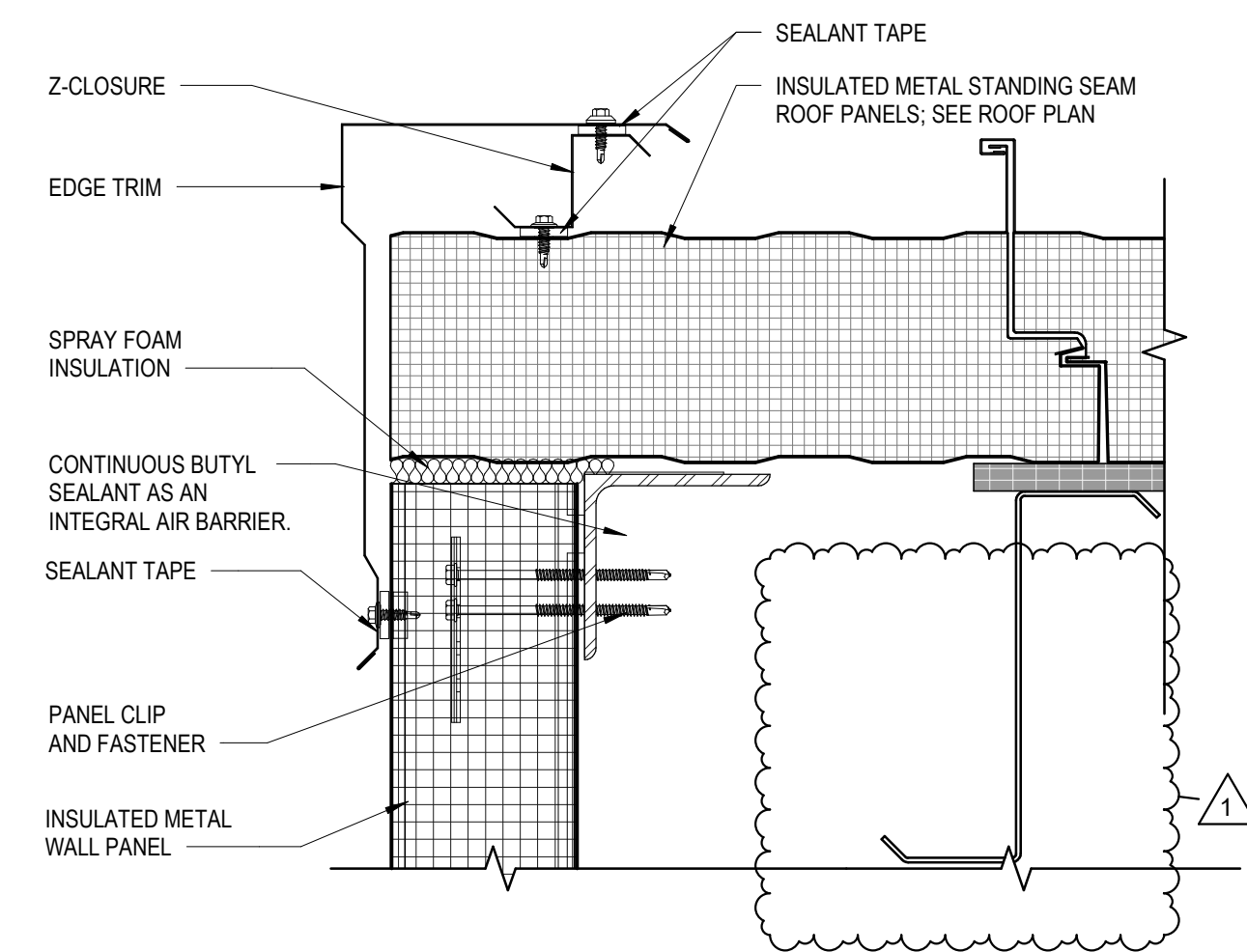
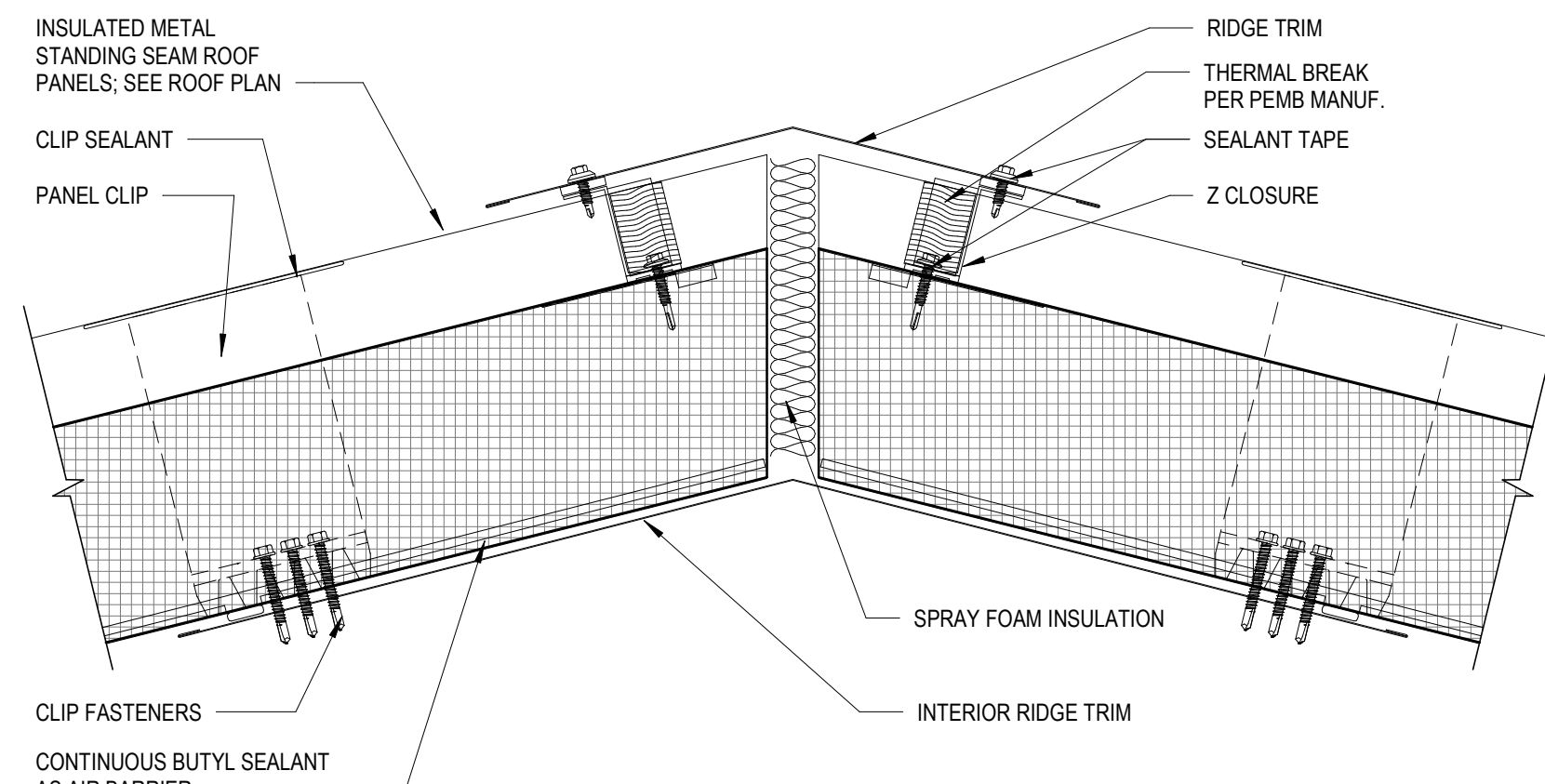
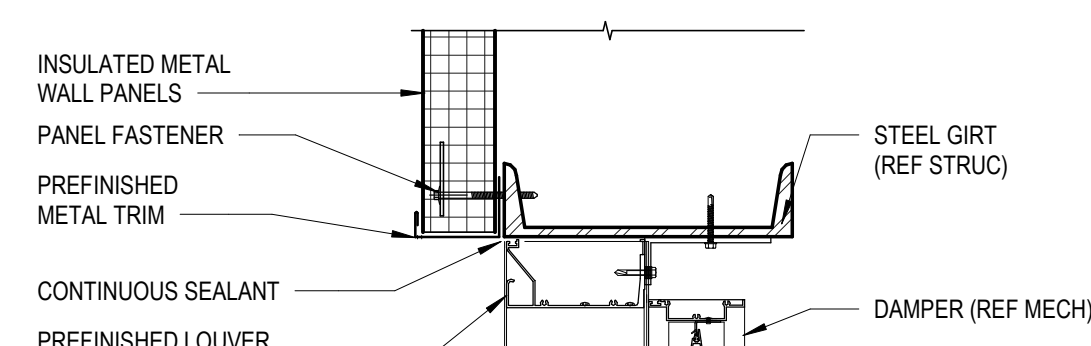
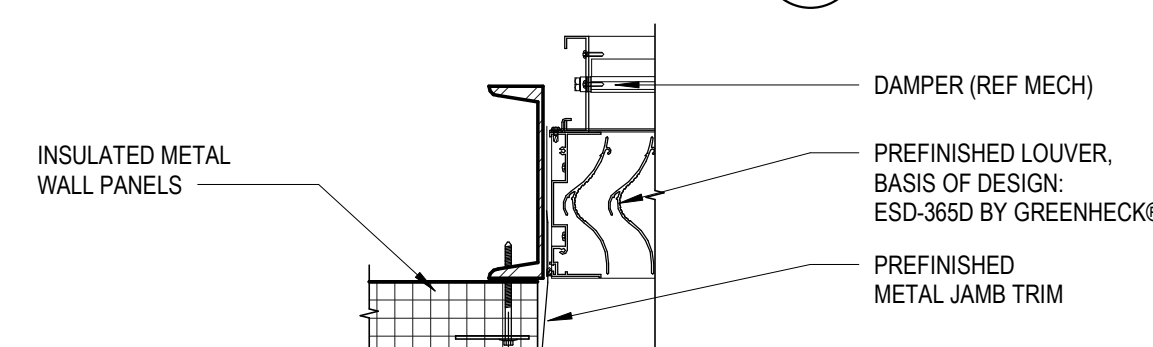
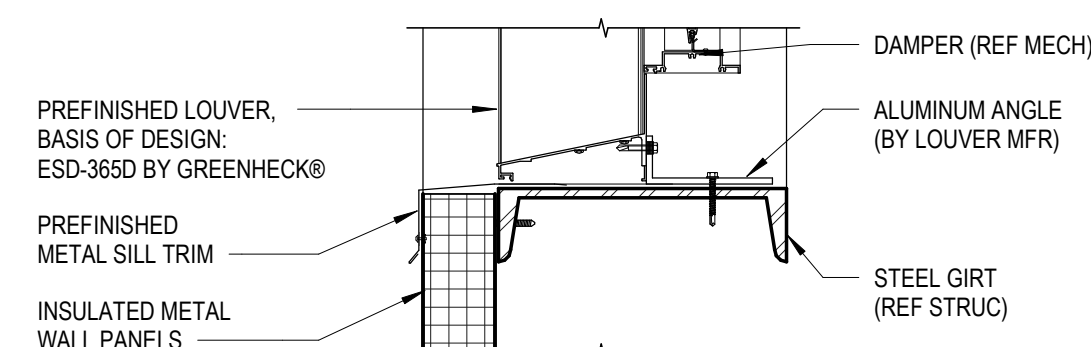
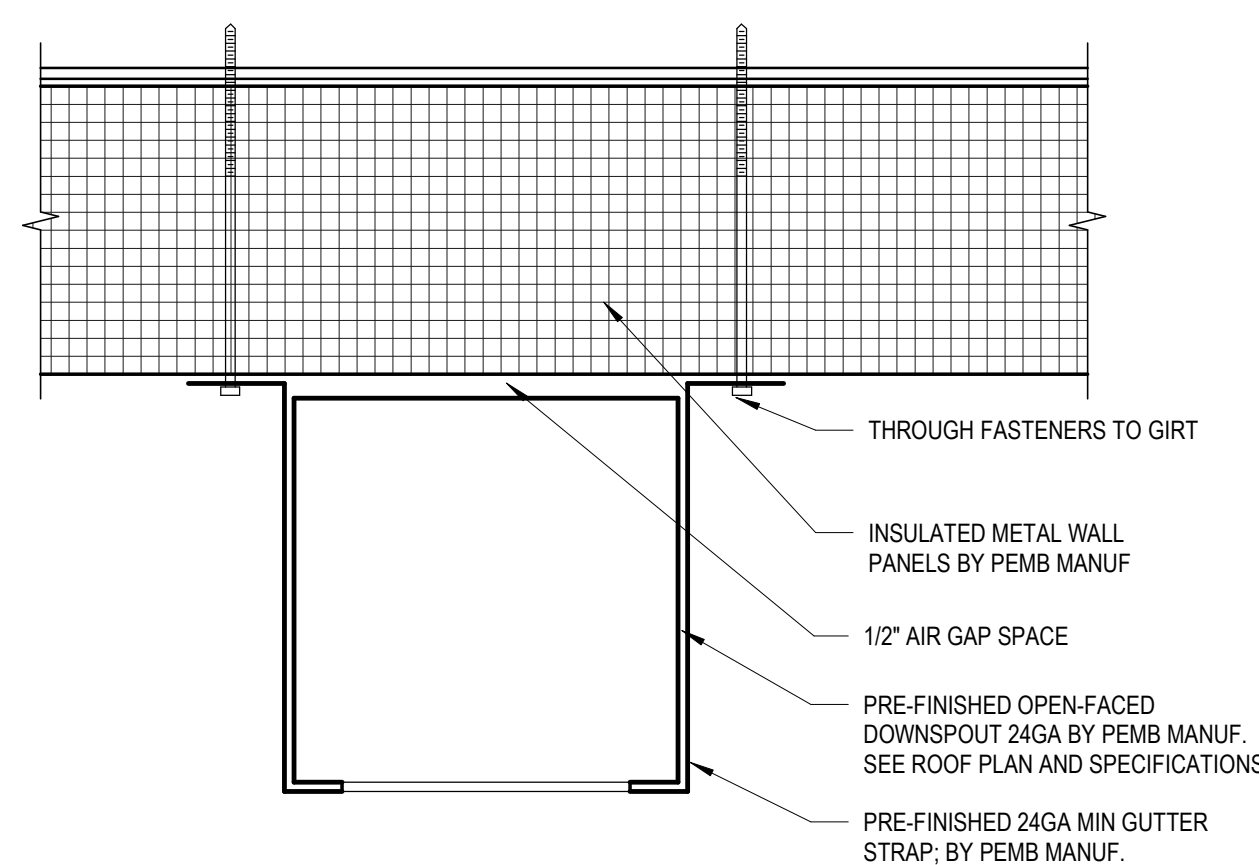
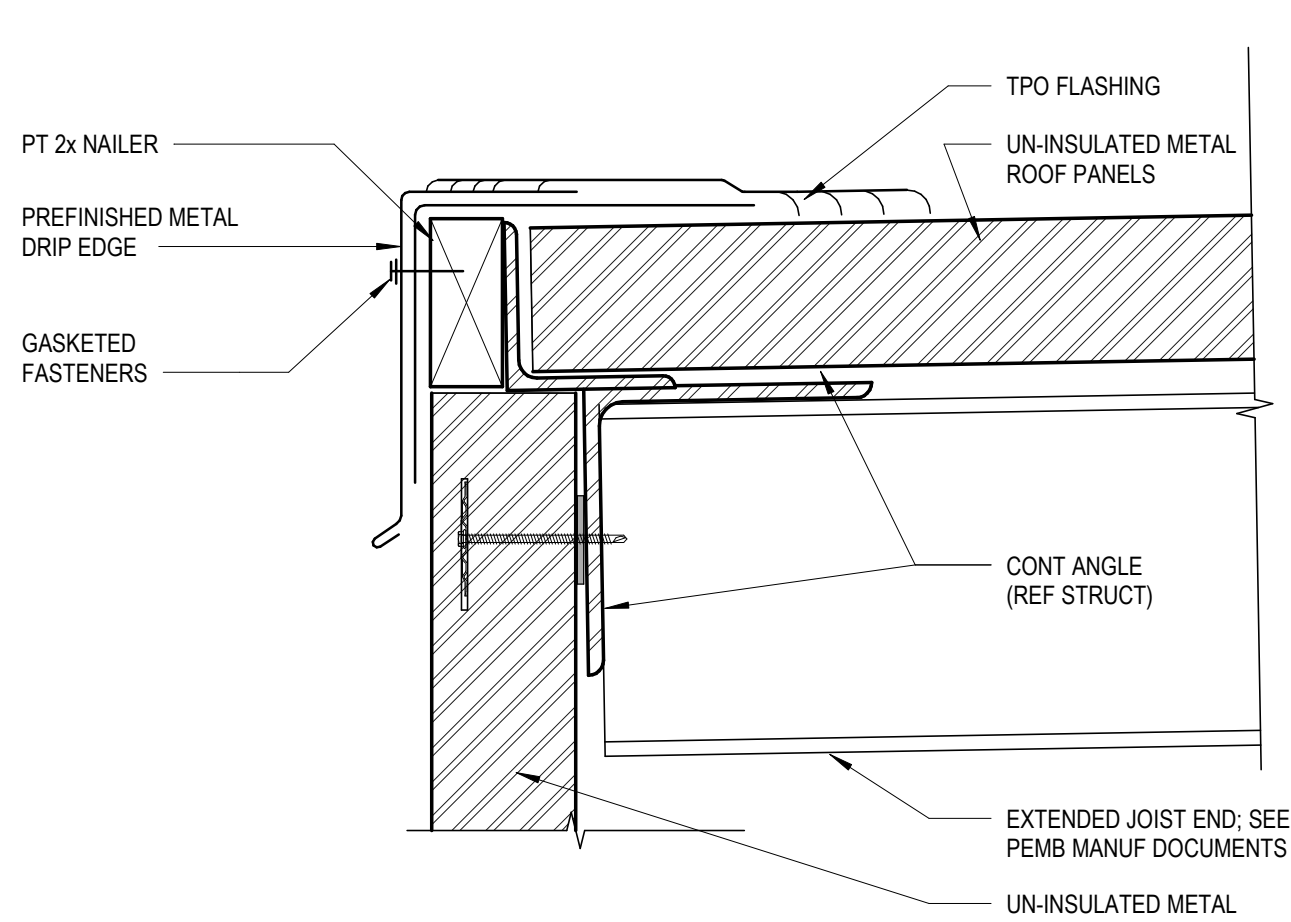
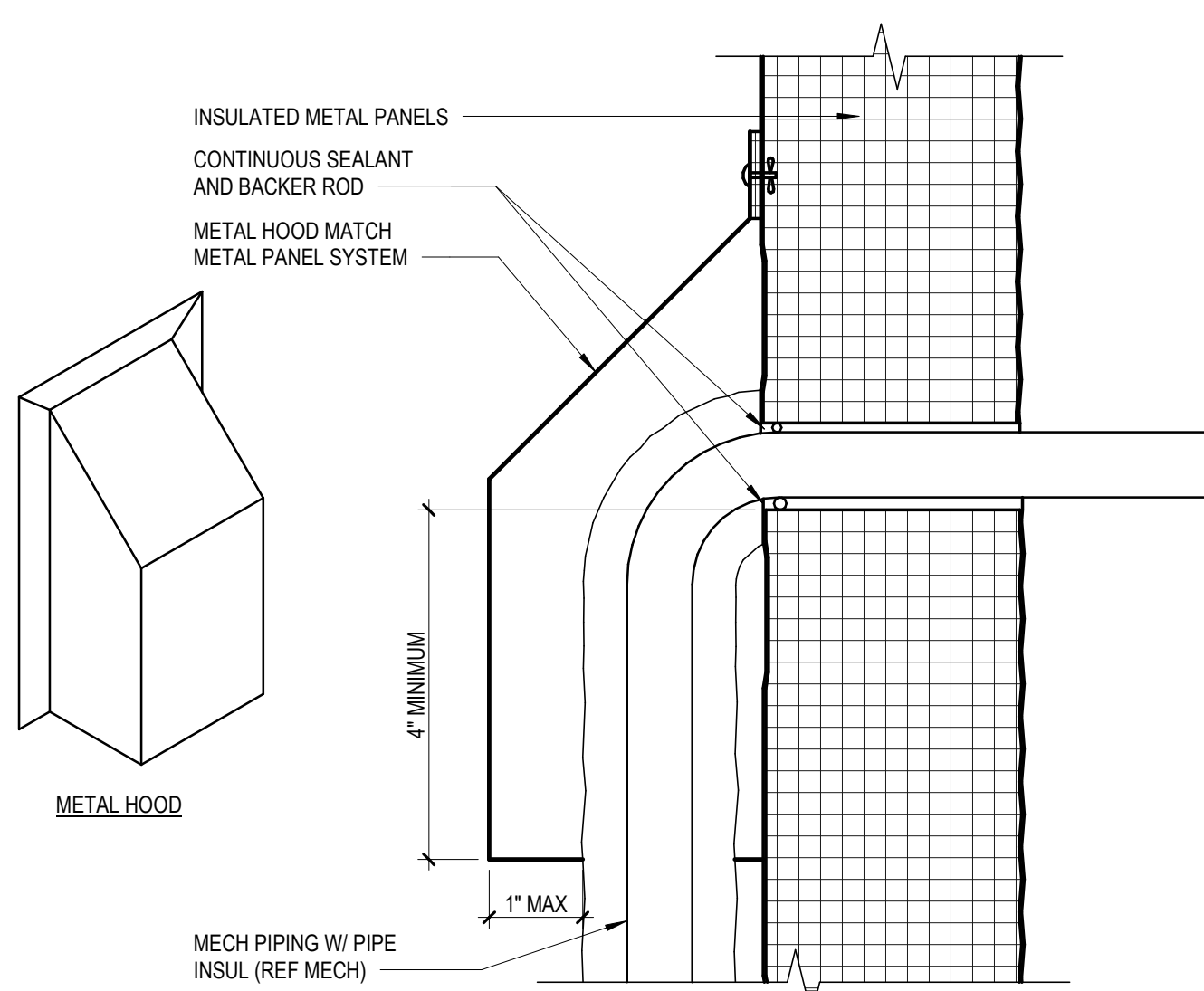
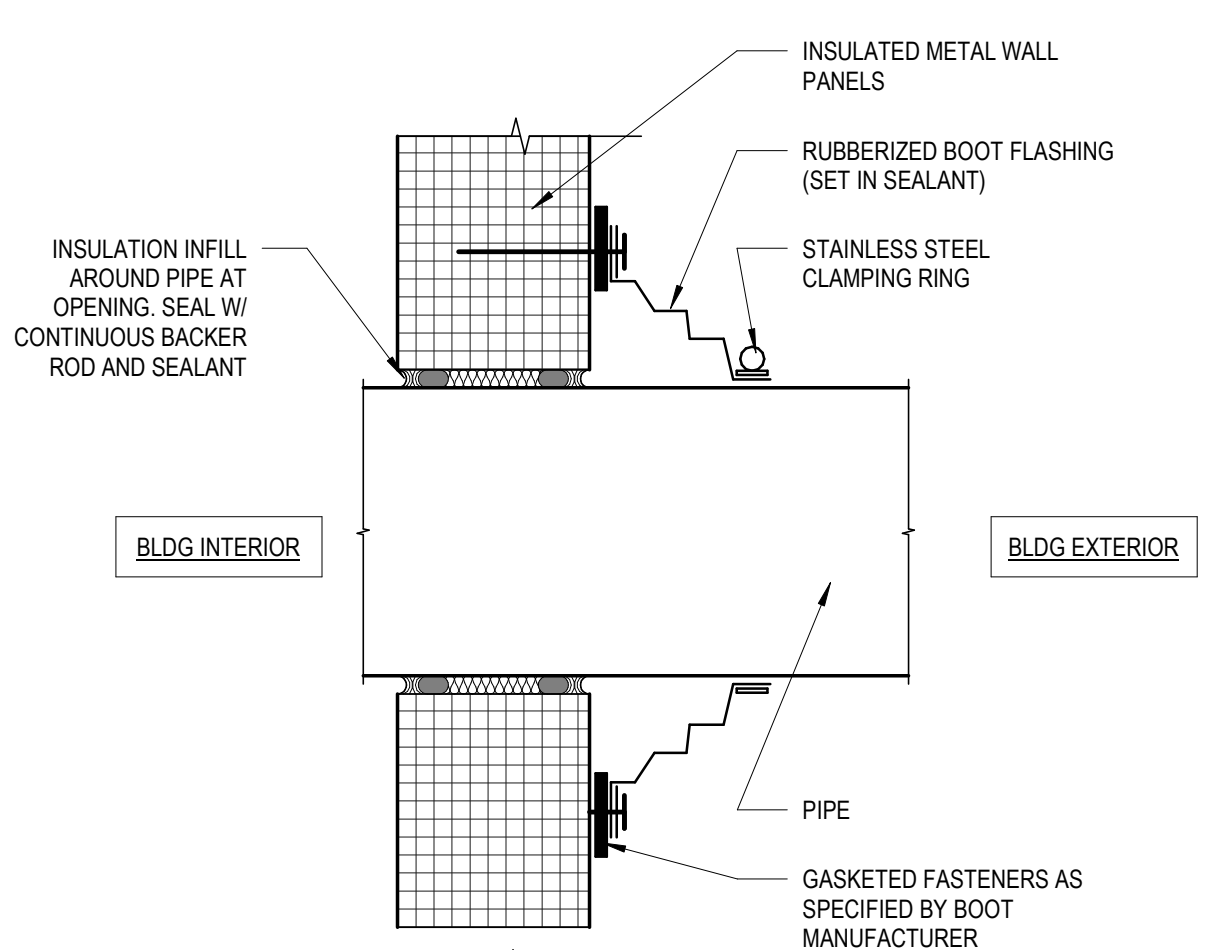
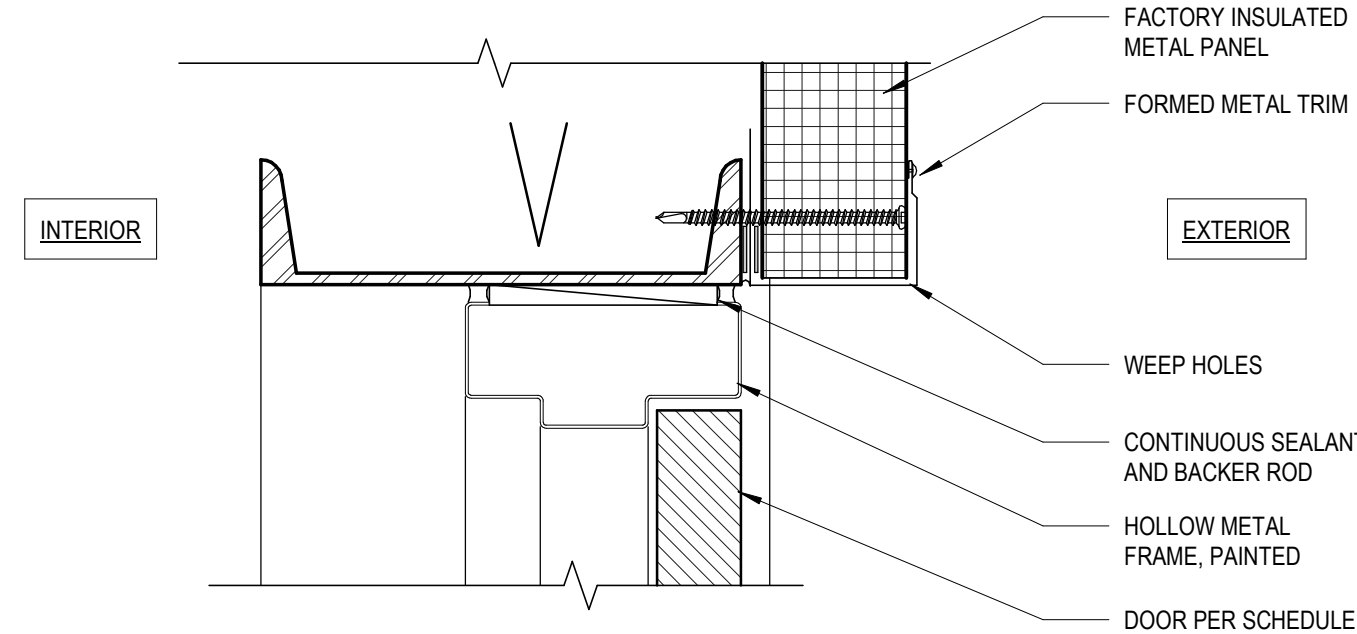
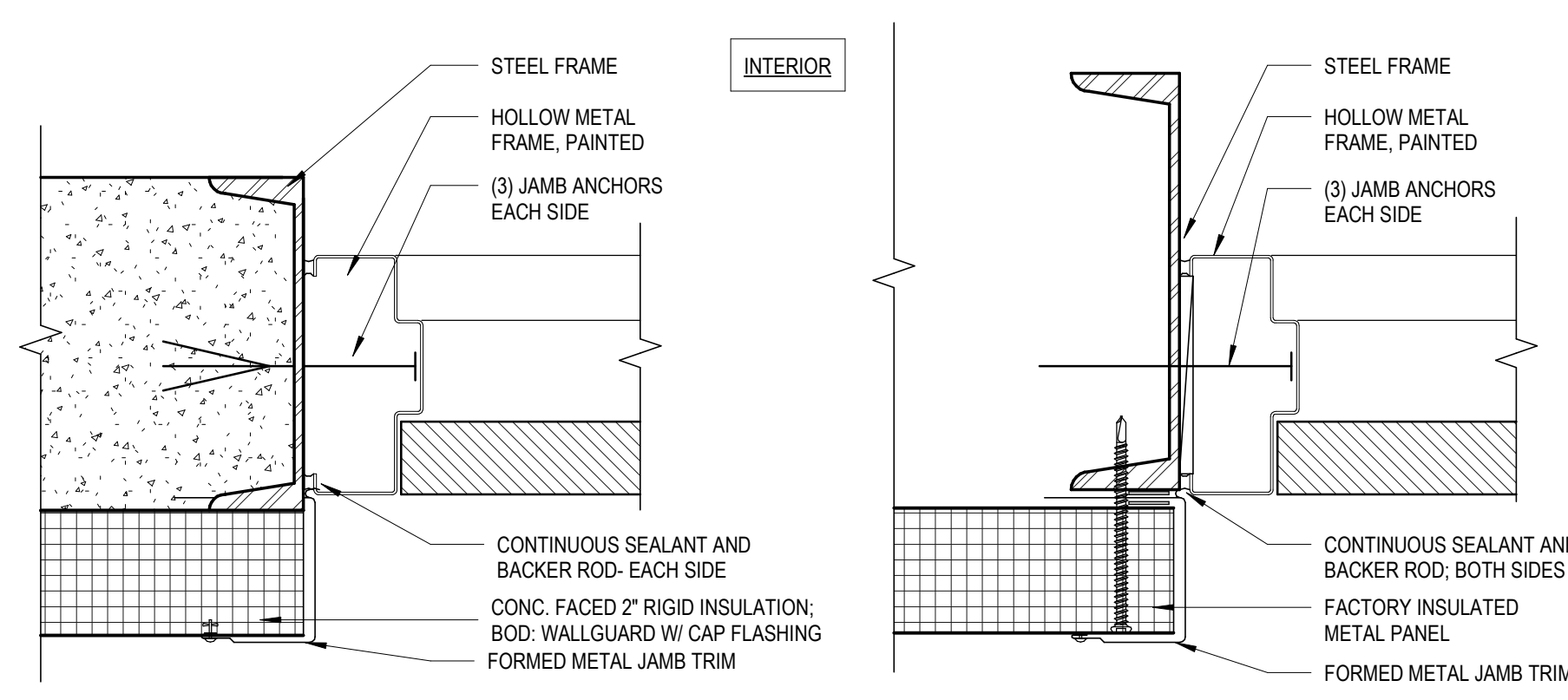
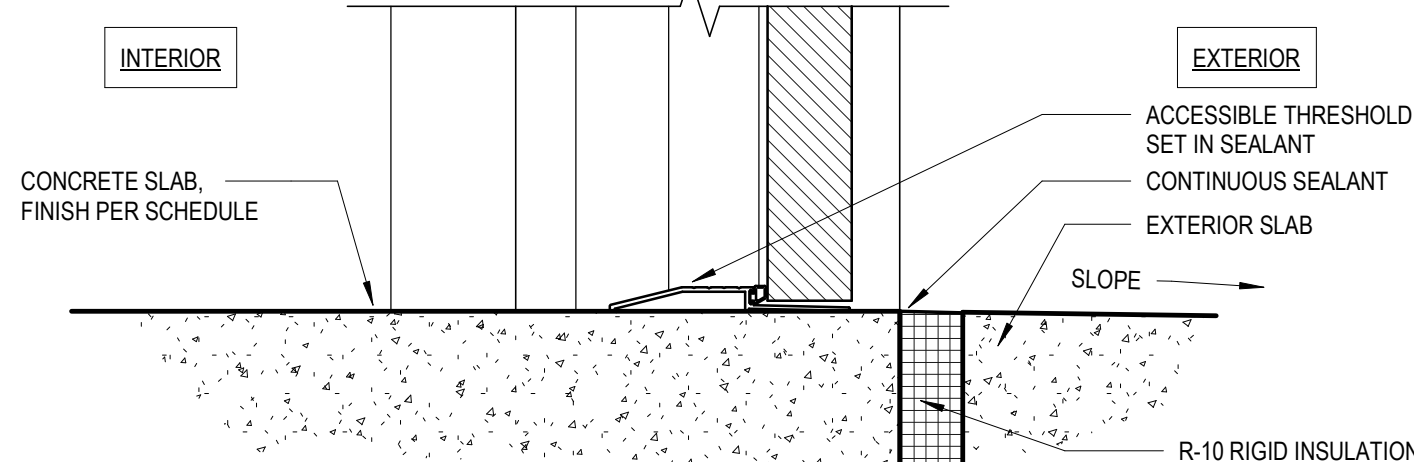
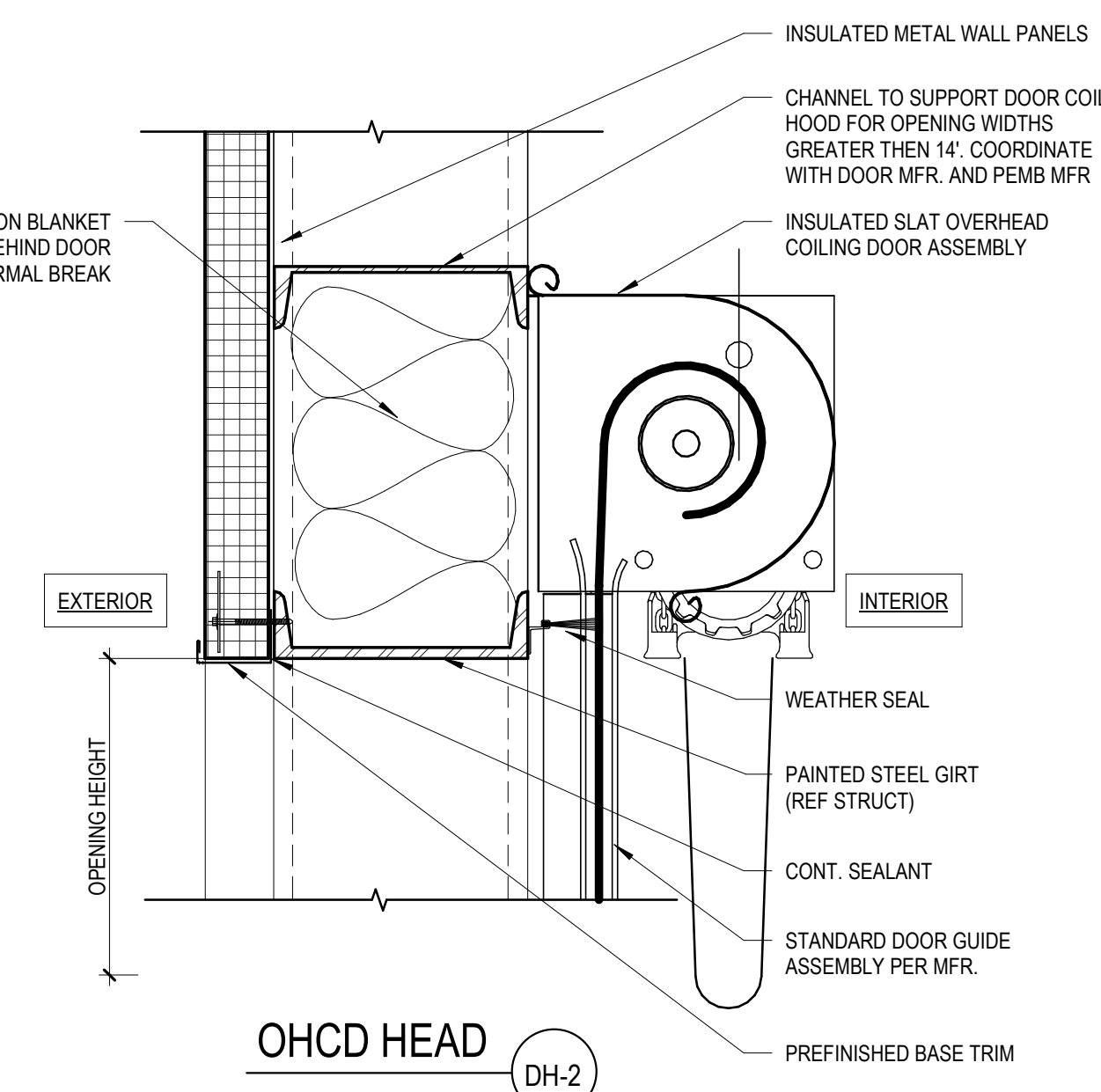
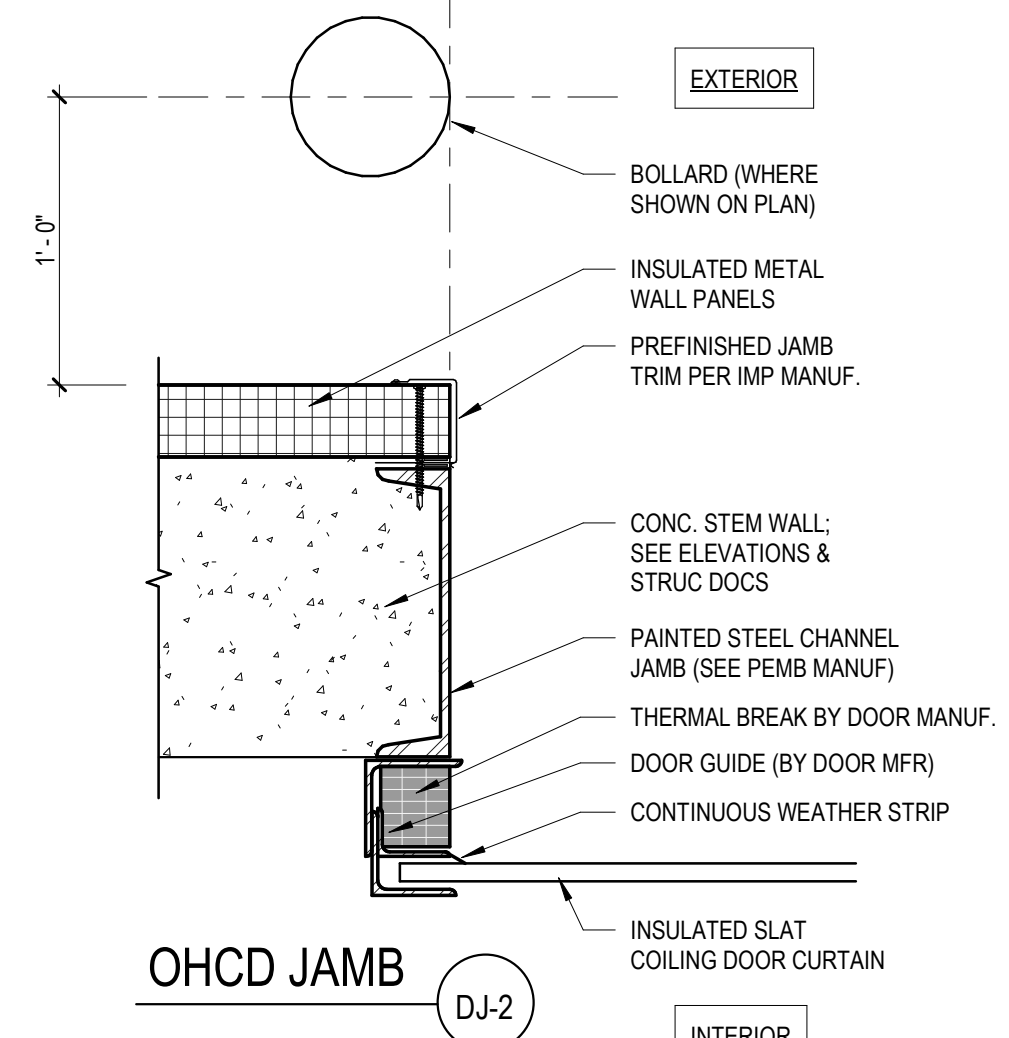
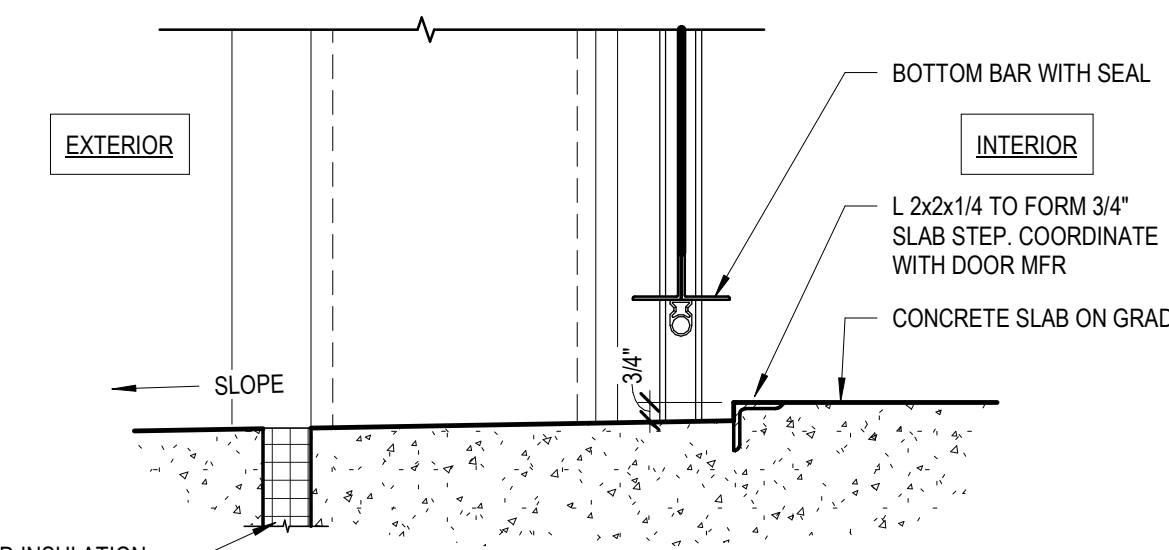
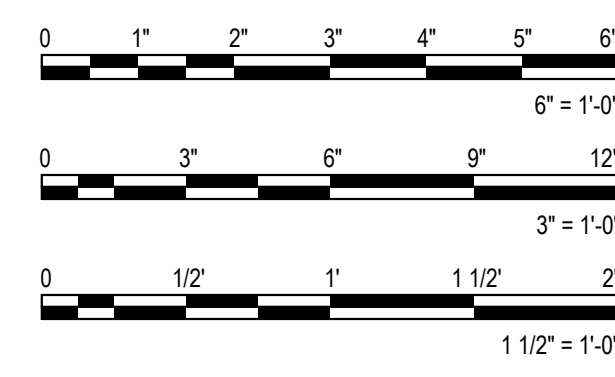
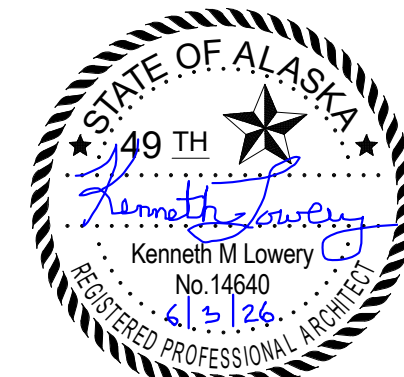
DRAWING NO.

A-301

ISSUE FOR CONSTRUCTION

DOCUMENT HISTORY

1	06/02/26	REVISION 1

**D1** ROOF GUTTER @ IMP WALL
3" = 1'-0"**D2** ROOF RAKE EDGE AT IMP
3" = 1'-0"**D4** PEMB IMP RIDGE
3" = 1'-0"**LH-1**
LOUVER HEAD**LJ-1**
LOUVER JAMB**LS-1**
LOUVER HEAD**D5** LOUVER IN IMP
1 1/2" = 1'-0"**C1** DOWNSPOUT ON METAL PANEL
3" = 1'-0"**C2** ROOF EDGE @ MTL PANEL WALL
3" = 1'-0"**B1** SMALL PIPE PENETRATION
6" = 1'-0"**B2** IMP PIPE PENETRATION
3" = 1'-0"**C4** IMP OUTSIDE CORNER
6" = 1'-0"**DH-1**
HM DOOR HEAD**DJ-1a**
HM DOOR JAMB**DJ-1b**
HM DOOR JAMB**DS-1**
HM DOOR SILL**DH-2**
OHCD HEAD**DJ-2**
OHCD JAMB**DS-2**
OHCD SILL**A5** OHC DOOR IMP DETAILS
1 1/2" = 1'-0"**A4** DOOR IN CONC./IMP
3" = 1'-0"**A2** IMP TO CURB DETAIL
6" = 1'-0"**A1** PIPE BOLLARD 'PB'
1" = 1'-0"ARCHITECT OF RECORD
KEN LOWERY
AK NO. 14640

DESIGNED BY

BRPH

DRAWN BY

C. KOTRLIK

PROJECT NUMBER

C09729.001

DATE

05/08/2026

TITLE

DETAILS

DRAWING NO.

A-501