

8' x 32' RECYCLING STATION

CONSTRUCTION SET
27 DECEMBER, 2024
REV 5: 9-12-25

PREPARED FOR:
CLYNK
100 WATERMAN DRIVE
SOUTH PORTLAND, MAINE

CLIENT APPROVAL:

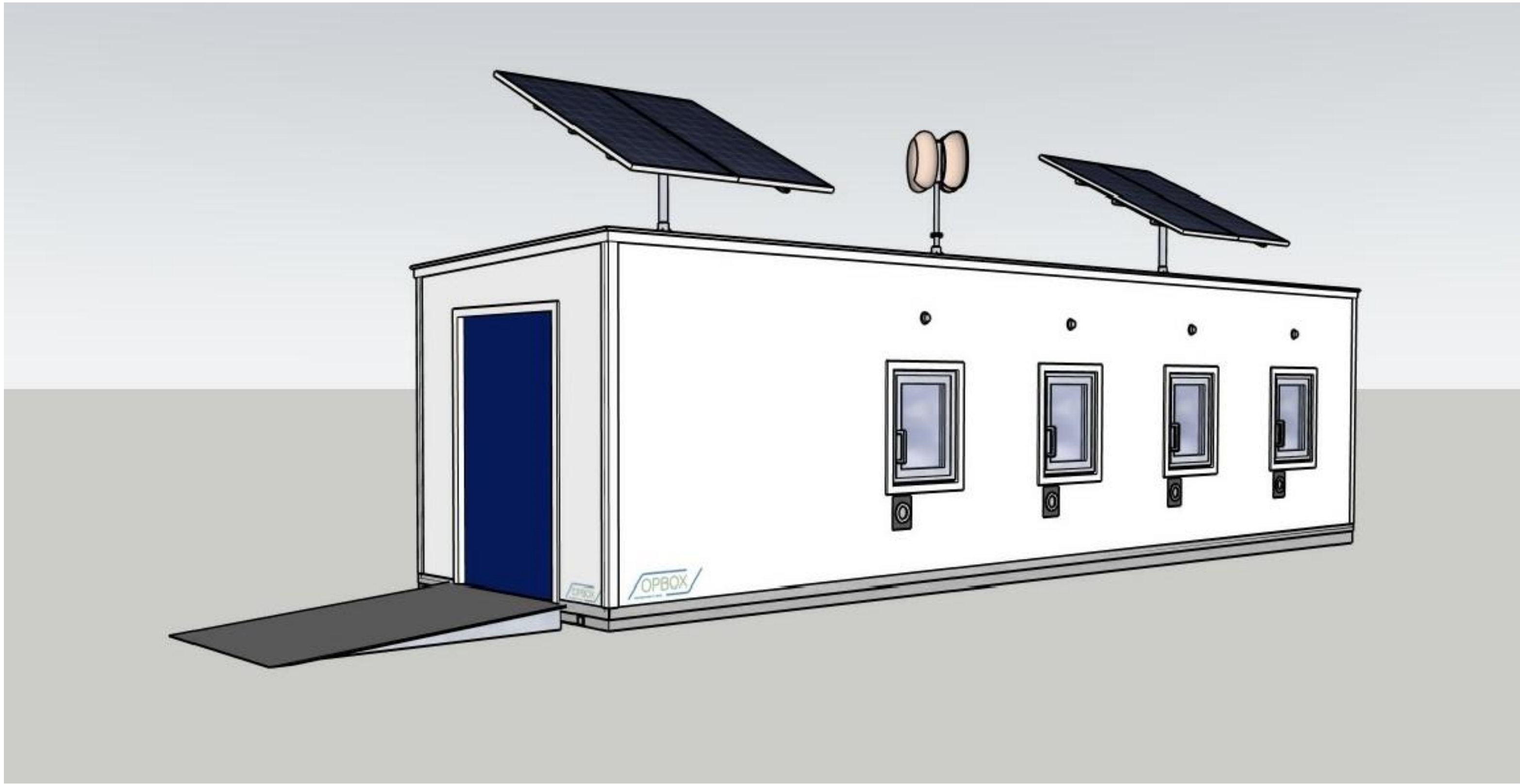
Dan Kiley
DIGITALLY VIA EMAIL
CLIENT SIGNATURE

9-16-24
DATE

STRUCTURAL ENGINEERING:
GAIUS HENNIN, PE
SHELTER INSTITUTE
873 ROUTE 1
WOOLWICH ME
207.442.7938

PREPARED BY:


126 U.S. RT 1 WOOLWICH, MAINE



FRONT/SERVICE SIDE VIEW
PLEASE NOTE - SOME DETAILS MAY DIFFER

REV 5 DRAWING LIST	
Copyrights 2025, OpBox LLC	
COVER	DRAWING LIST & ILLUSTRATION
7-9-25	STAMPED/SEALED STRUCTURAL COVER LETTER (ADDED REV. 5)
B-1	ALUMINUM BASE CONSTRUCTION
CS-1	PANEL CUT SHEET
A-101	FLOOR PLAN
A-201	EXTERIOR ELEVATIONS
A-202	EXTERIOR ELEVATION
A-301	STATION SECTION & DETAILS
A-302	STATION CROSS SECTION & DETAILS
A-601	INTERIOR ELEVATIONS
FAB-1	MISC. ALUMINUM FABRICATION
FAB-2	ALUMINUM DOOR FRAME FABRICATION



July 9, 2025

Project: OpBox 8'x32' Recycling Center; Construction Set dated 27 December, 2024

Builder: Opportunity Box

Client: Clynk

Location: Portland, ME

Design Standard: 2021 IBC

Ground Snow Load: 60 PSF

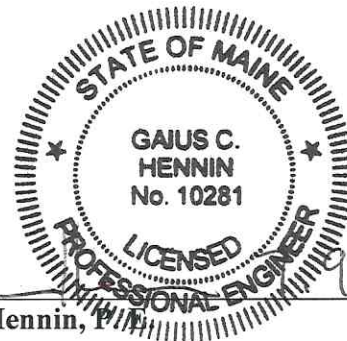
Sloped Roof Snow Load: 60 PSF

3-Second Gust: 110 MPH, EXPOSURE B

Rev 5 Drawings Covered by this Seal:

COVER

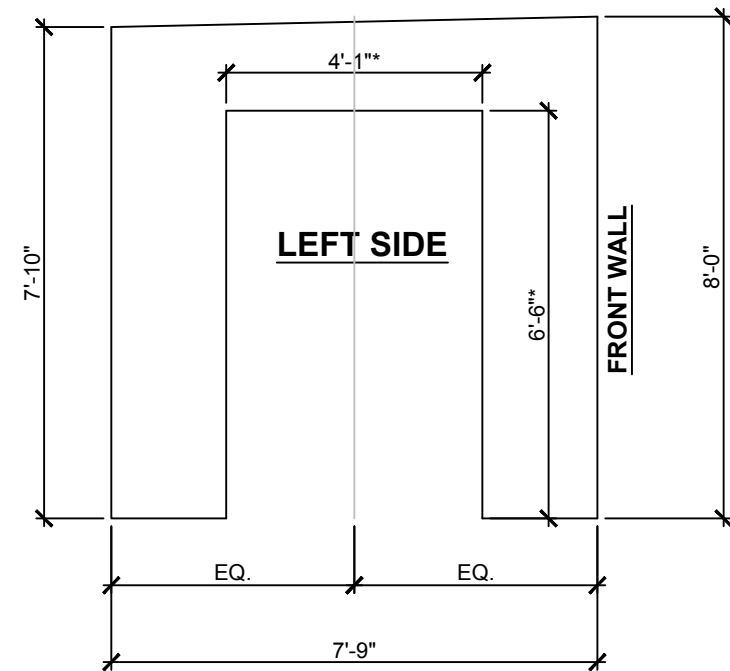
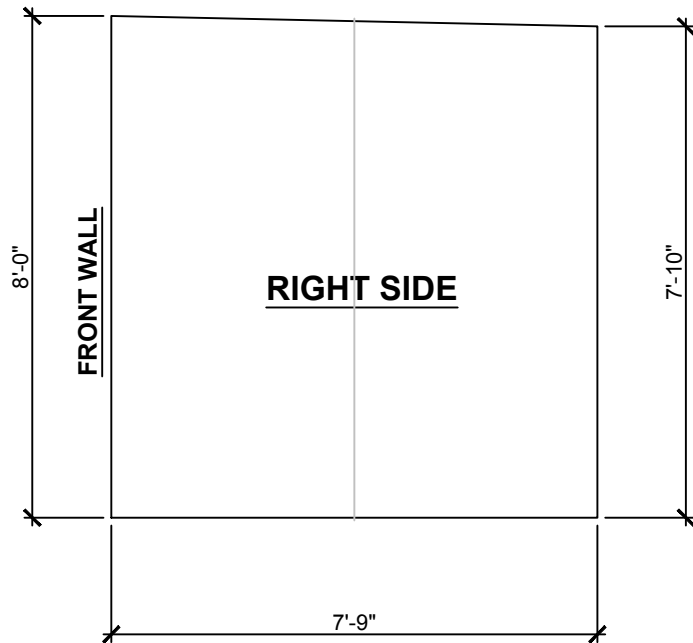
GA-1	GROUND ANCHOR SHEET (5-9-25)
B-1	ALUMINUM BASE CONSTRUCTION
CS-1	PANEL CUT SHEET
A-101	FLOOR PLAN
A-201	EXTERIOR ELEVATIONS
A-202	EXTERIOR ELEVATIONS
A-301	STATION SECTION & DETAILS (R4, 7-7-25)
A-302	STATION CROSS SECTION & DETAILS
A-601	INTERIOR ELEVATIONS
FAB-1	MISC. ALUMINUM FABRICATION (R4, 7-7-25)
FAB-2	ALUMINUM DOOR FRAME FABRICATION



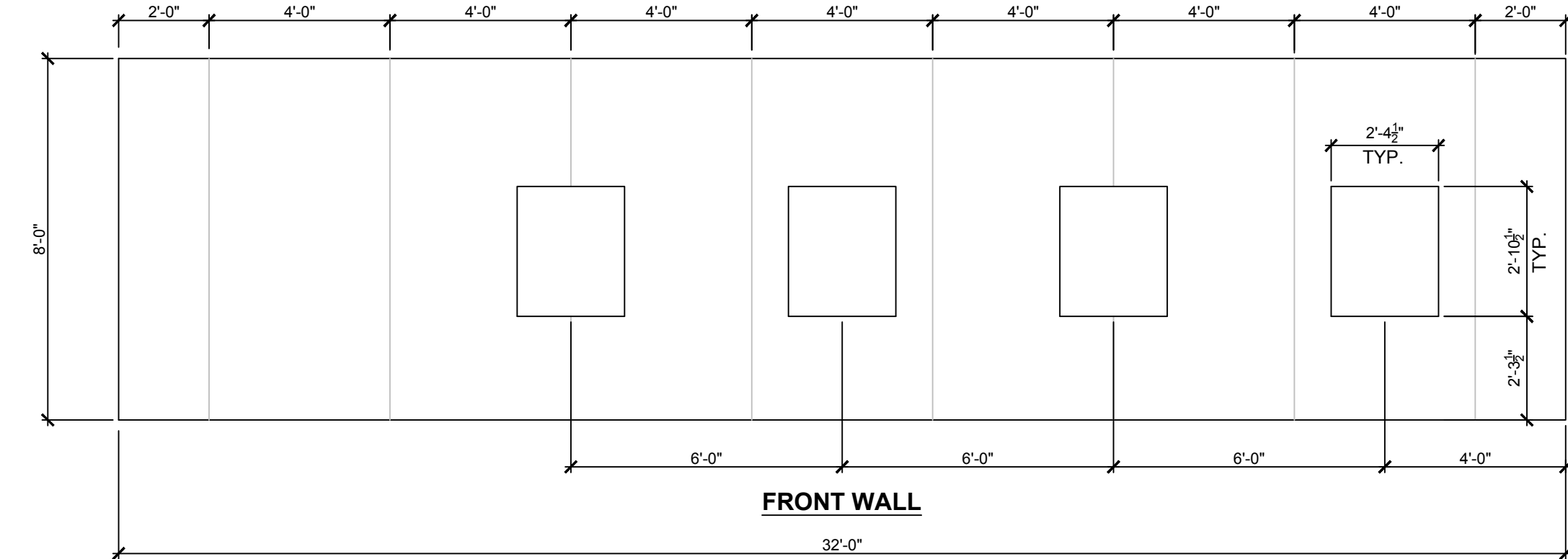
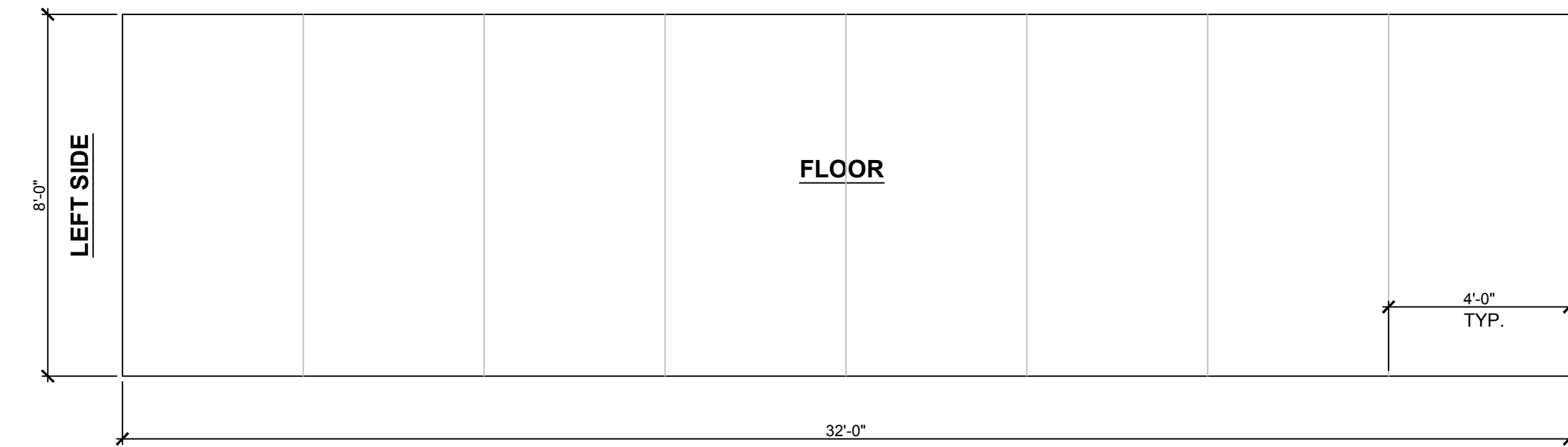
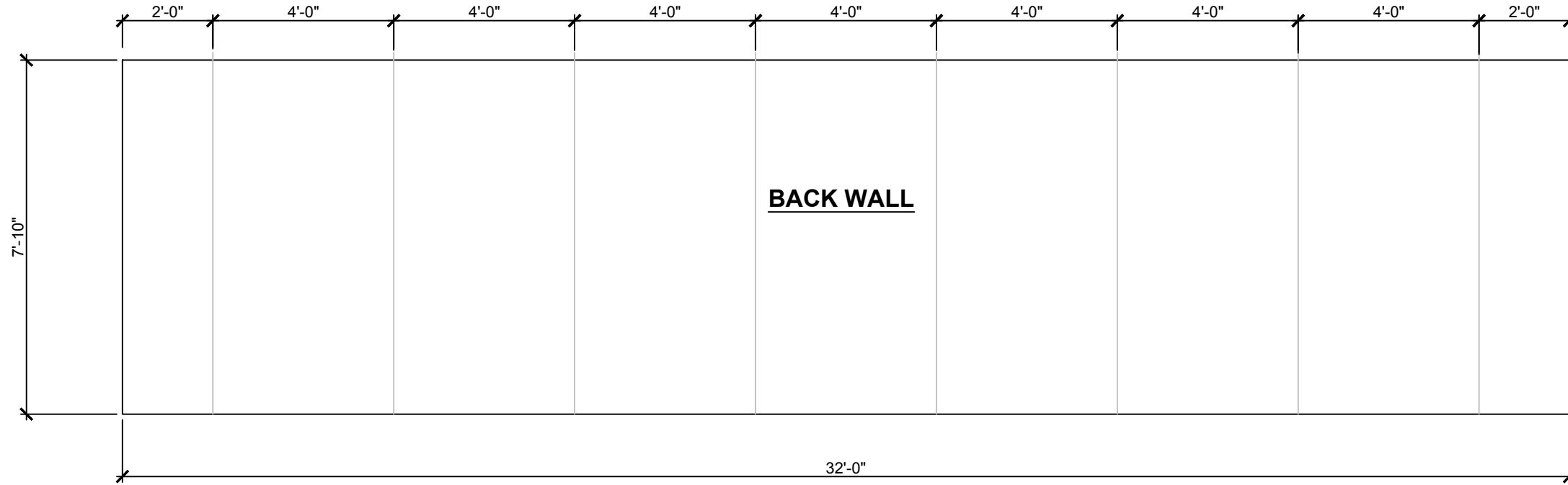
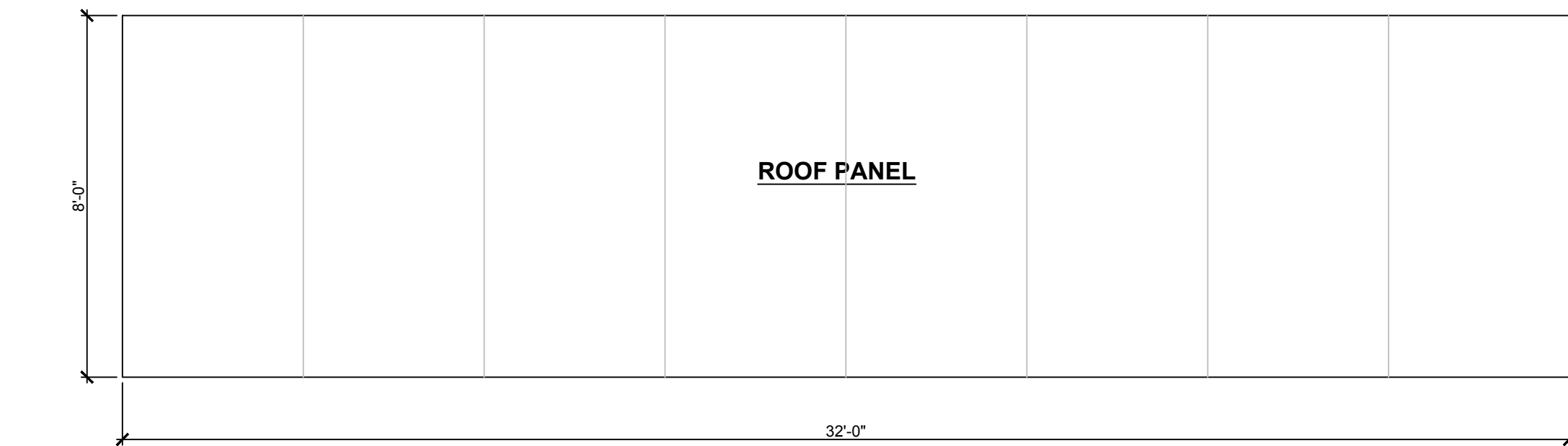
Gaius Hennin, P.E.

9.2025

873 Route One
Woolwich, ME 04579
(207) 442-7938
www.shelterinstitute.com



* VERIFY DIMENSIONS WITH
DOOR MANUF. INSTALLATION
GUIDE PRIOR TO CUTTING



REVISIONS:
DATE/SUBJECT

DRAWINGS FOR:

8' x 32'
CLYNK STATION

PREPARED FOR:

OPBOX
126 US RT 1
WOOLWICH ME

APPROVED BY:

D.K. (DIGITALLY VIA EMAIL)
CLIENT INITIALS FOR APPROVAL

11-6-24
DATE

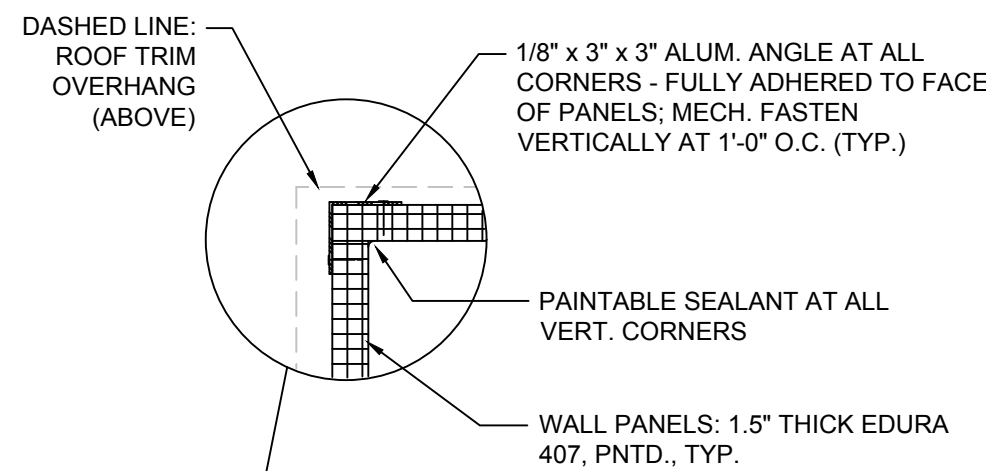
DRAWN BY: JR

PANEL CUT SHEET

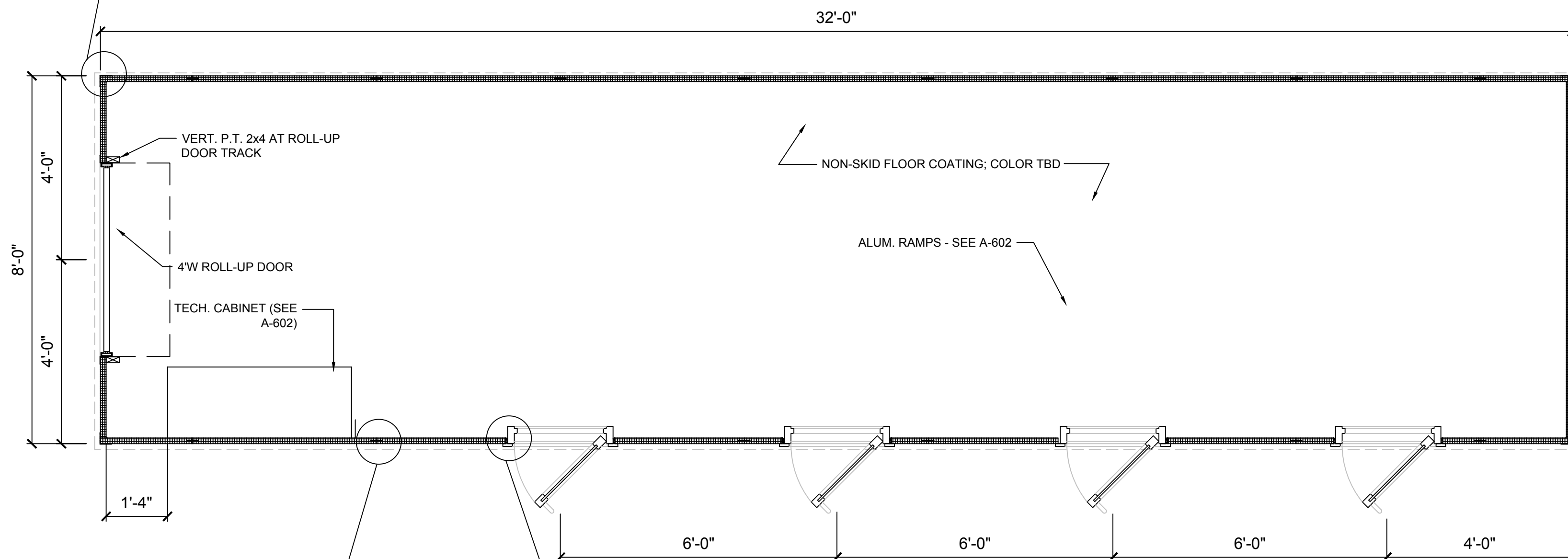
SCALE: 1/2" = 1'-0"

CS-1

DATE: 12-27-24 Rev 3

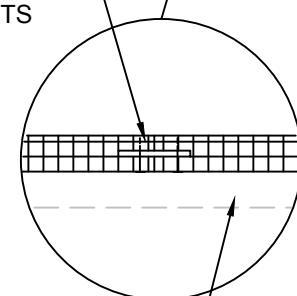


2 PLAN DETAIL: TYPICAL CORNER CONSTRUCTION
SCALE: 1-1/2" = 1'-0"



1 FLOOR PLAN
SCALE: 1/2\"/>

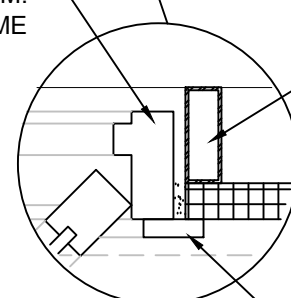
1/4\"/>



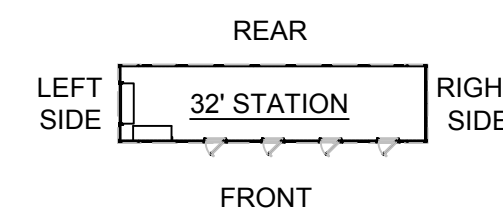
DASHED LINES INDICATE
EXTENT OF ROOF TRIM
OVERHANG (ABOVE)

3 PLAN DETAIL: PANEL JOINTS
SCALE: 1-1/2\"/>

TYP. CLYNK ALUM.
CUSTOMER DOOR FRAME



4 PLAN DETAIL: WINDOW FRAME & TRIM
SCALE: 1-1/2\"/>



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126 US RT 1
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APPROVED BY:

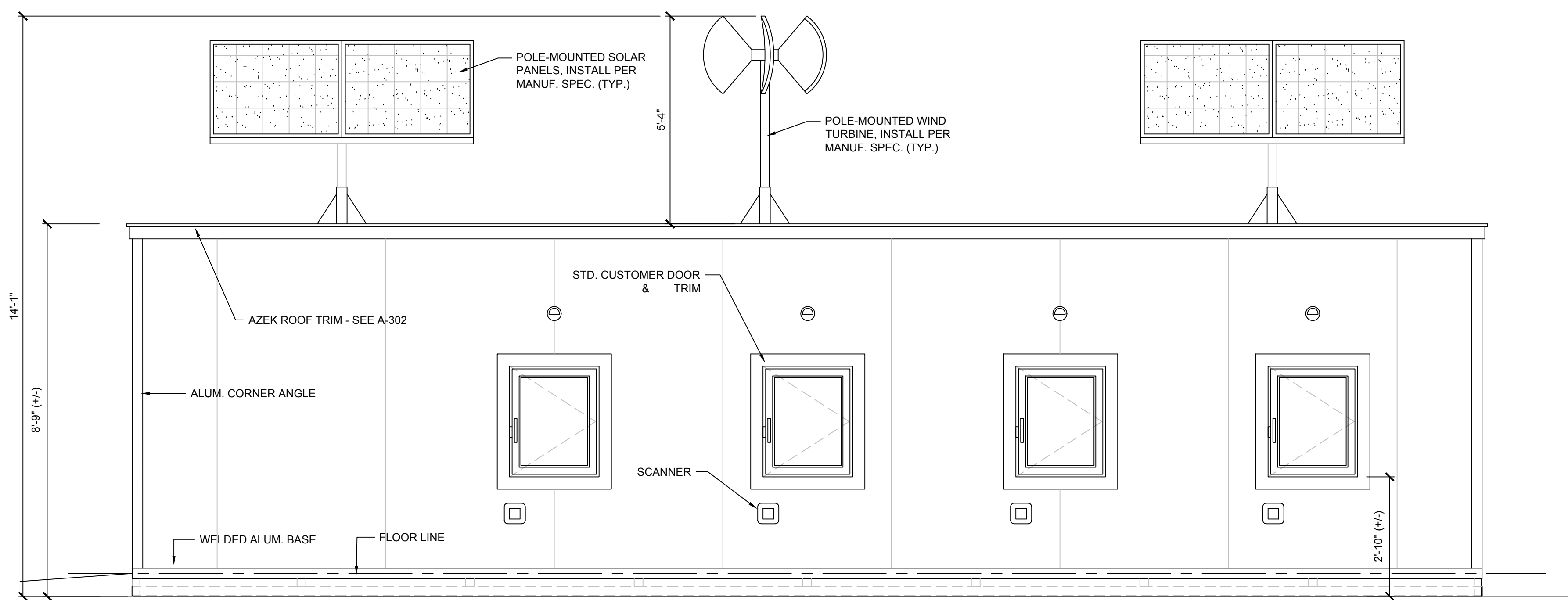
D.K. (DIGITALLY VIA EMAIL) 11-6-24
CLIENT INITIALS FOR APPROVAL DATE

DRAWN BY: JR

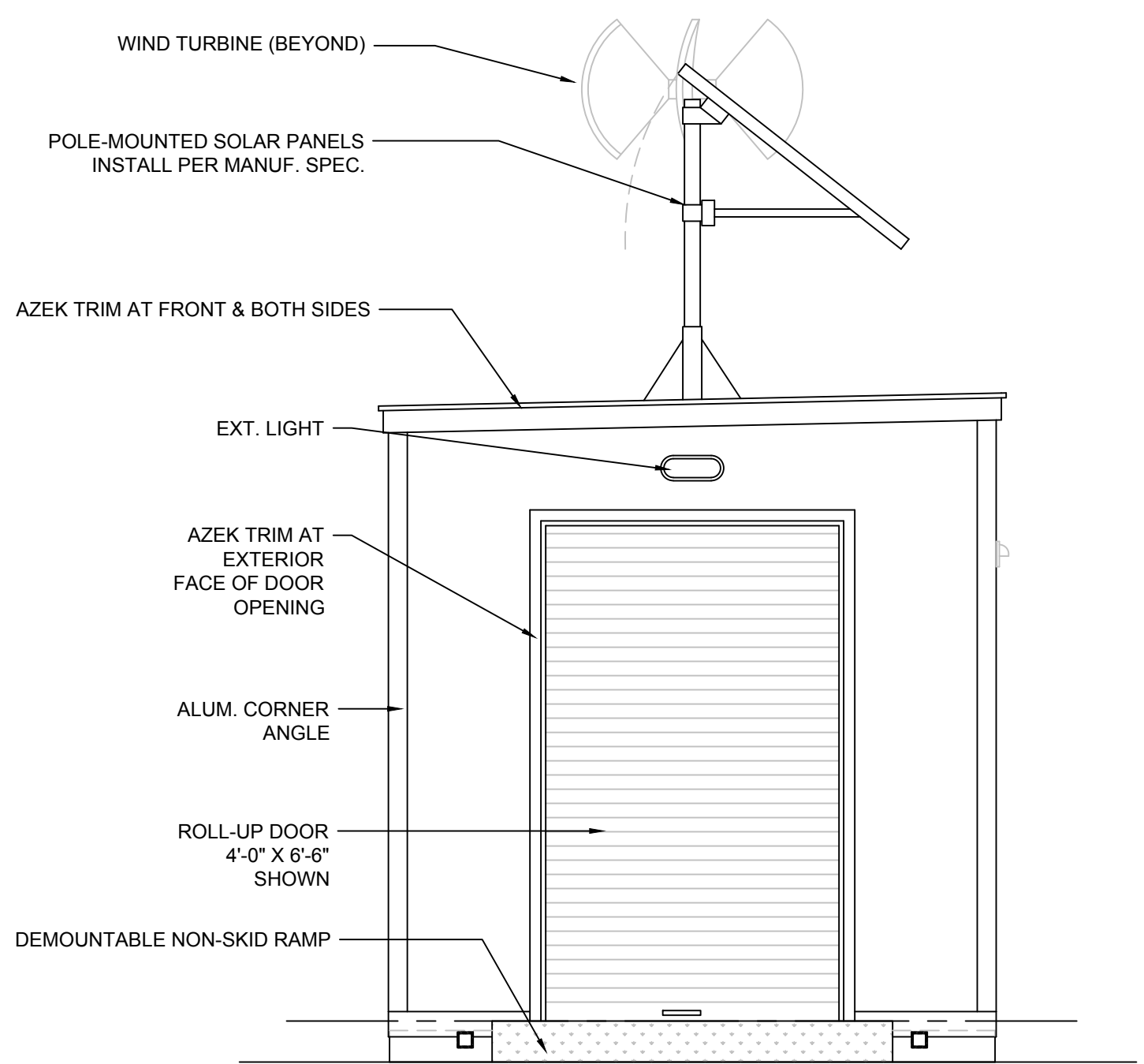
PLAN & DETAILS
SCALE: AS NOTED

A-101

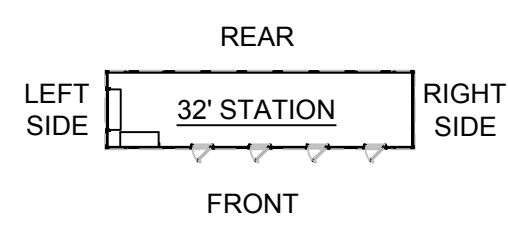
DATE: 12-27-24 Rev 3



1 EXTERIOR ELEVATION AT FRONT (CUSTOMER SERVICE SIDE)
SCALE: 1/2" = 1'-0"



2 EXTERIOR ELEVATION AT SERVICE SIDE
SCALE: 1/2" = 1'-0"



REVISIONS:

#	DATE/SUBJECT
1	7-7-25: RAFTER SCREWS

DRAWINGS FOR:

8' x 32'
CLYNK STATION

PREPARED FOR:

OPBOX
126 US RT 1
WOOLWICH ME

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11-6-24
DATE

DRAWN BY: JR

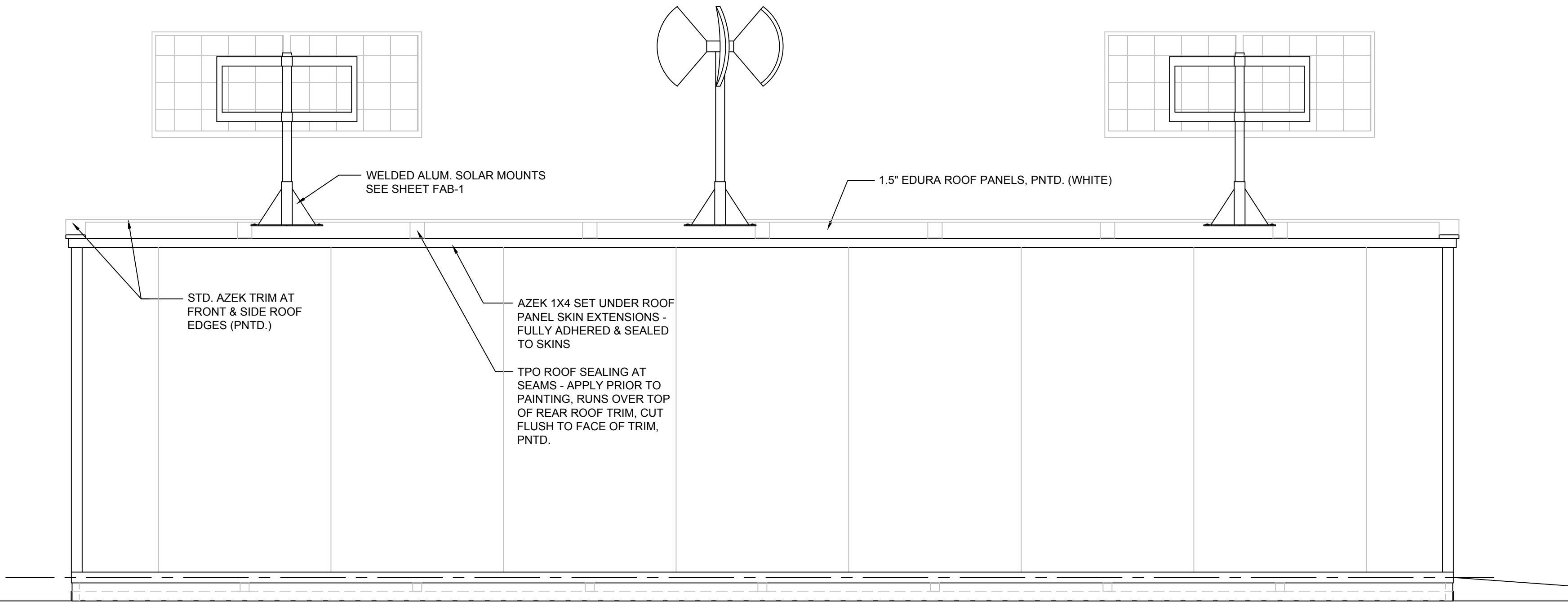
EXTERIOR
ELEVATIONS

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

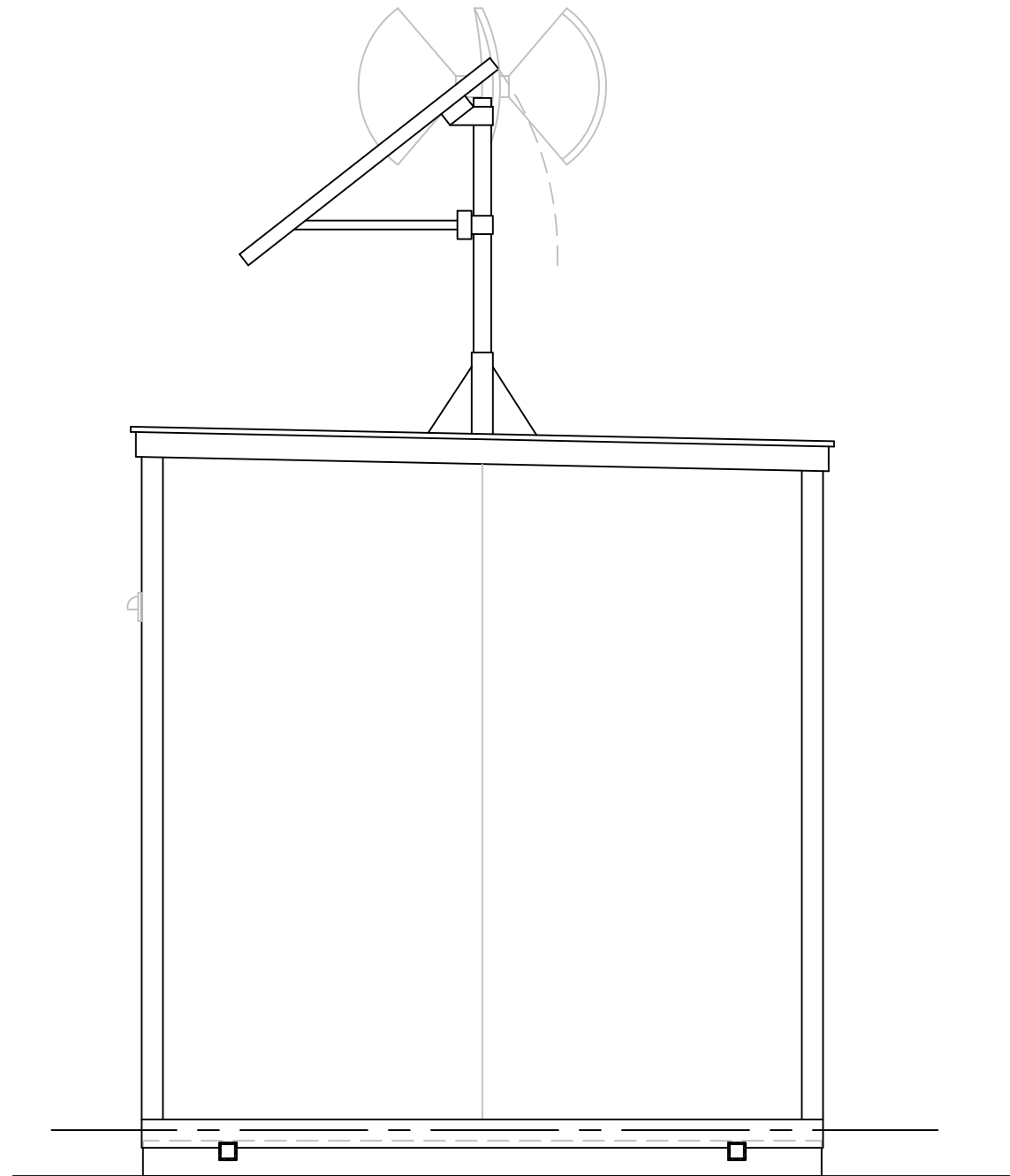
A-201

DATE: 12-27-24

Rev 5
THIS SHEET ONLY



1 EXTERIOR ELEVATION AT REAR
SCALE: 1/2" = 1'-0"



2 EXTERIOR ELEVATION AT RIGHT SIDE
SCALE: 1/2" = 1'-0"

REVISIONS:
DATE/SUBJECT

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OPBOX
126 US RT 1
WOOLWICH ME

APPROVED BY:

D.K. (DIGITALLY VIA EMAIL) 11-6-24
CLIENT INITIALS FOR APPROVAL DATE

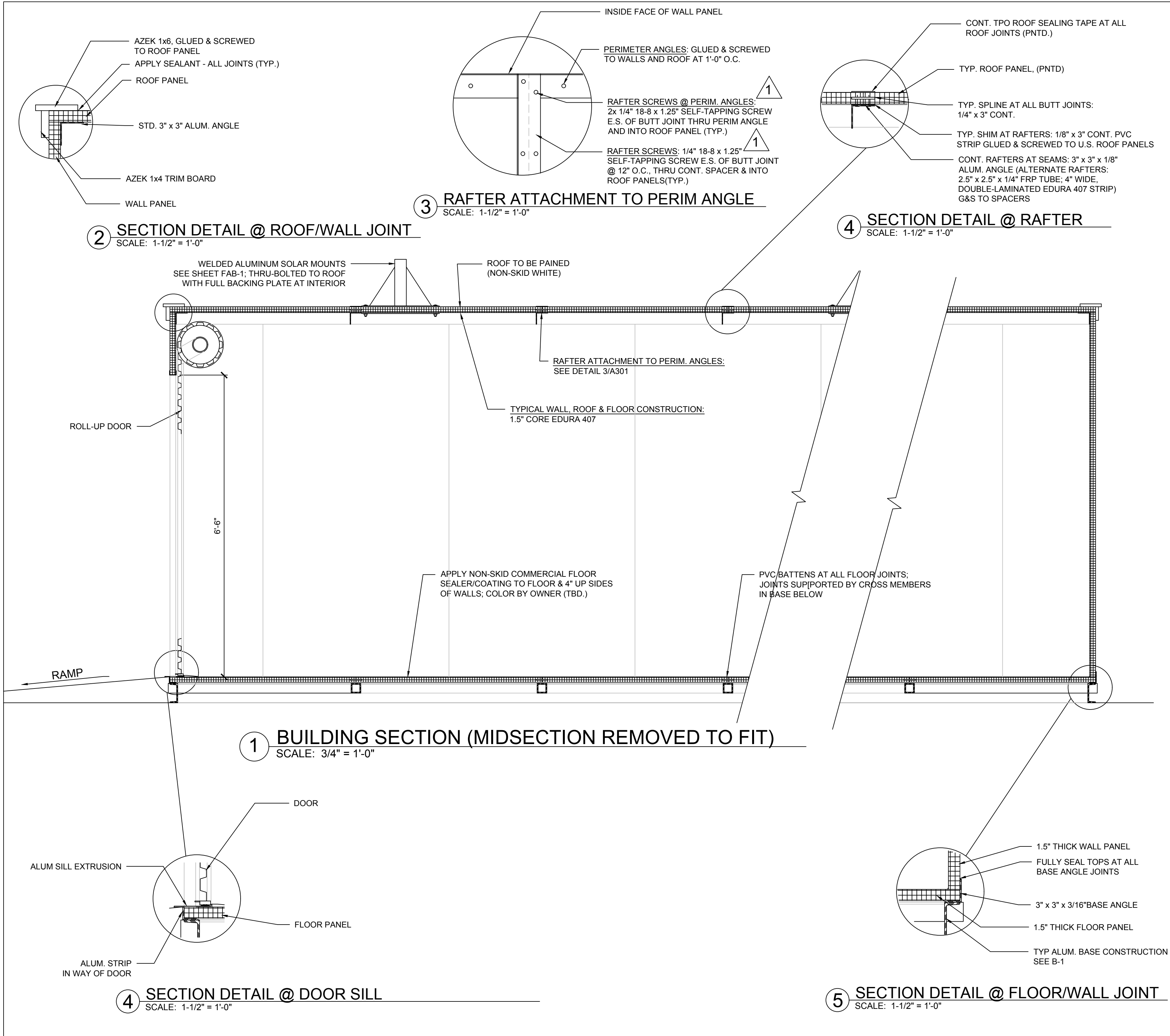
DRAWN BY: JR

EXTERIOR
ELEVATIONS

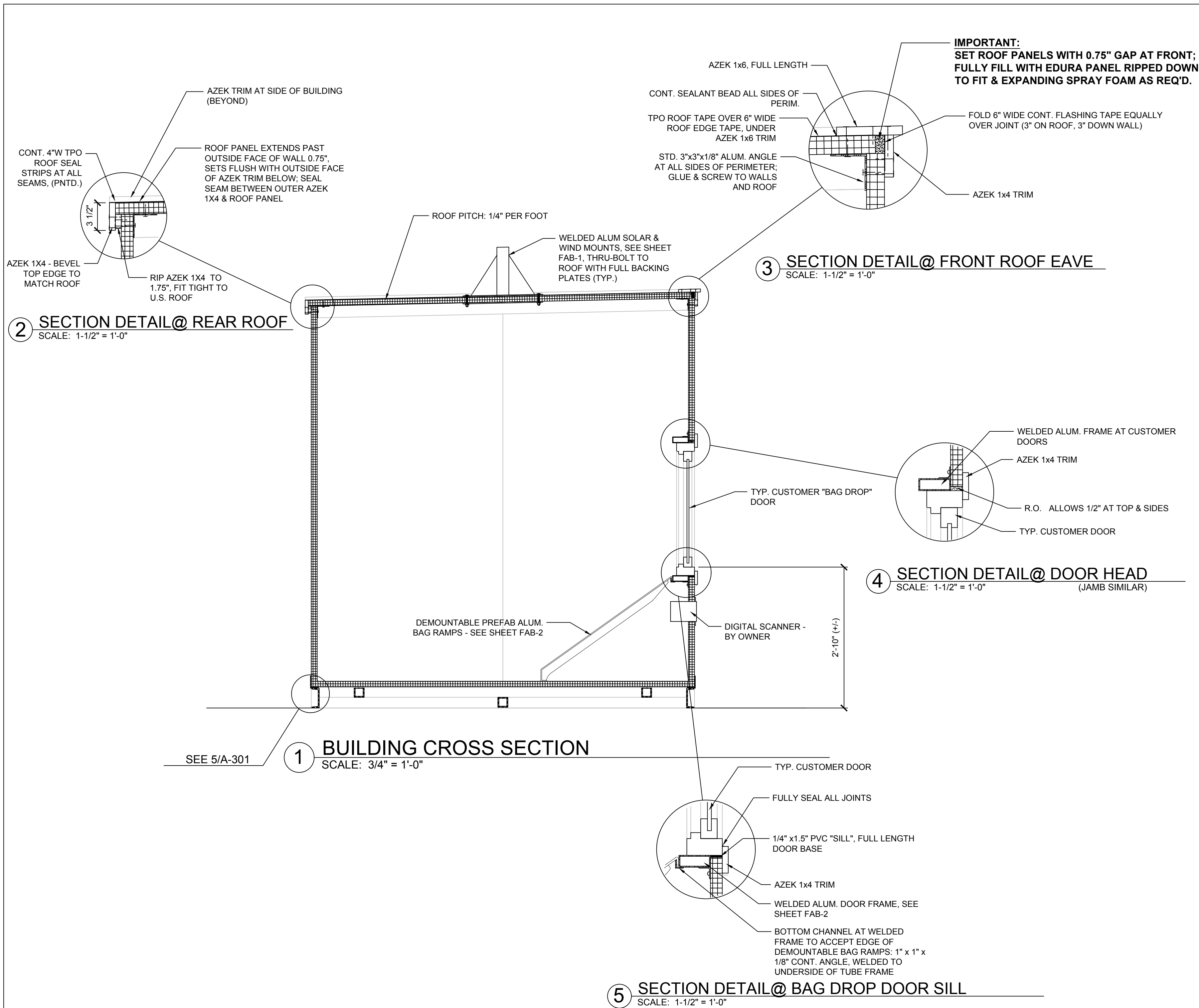
SCALE: 1/2" = 1'-0"

A-202

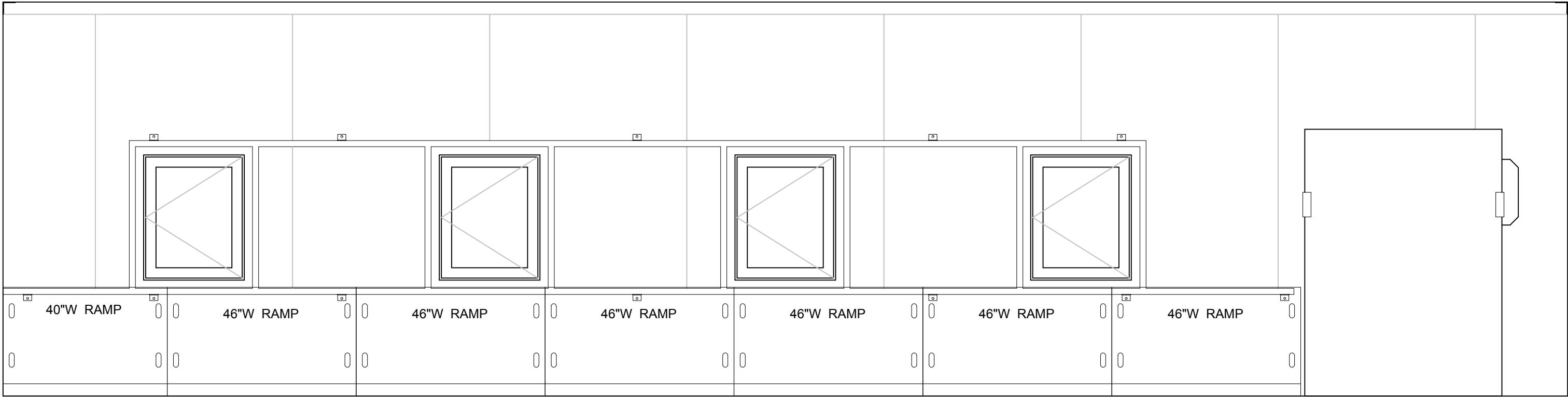
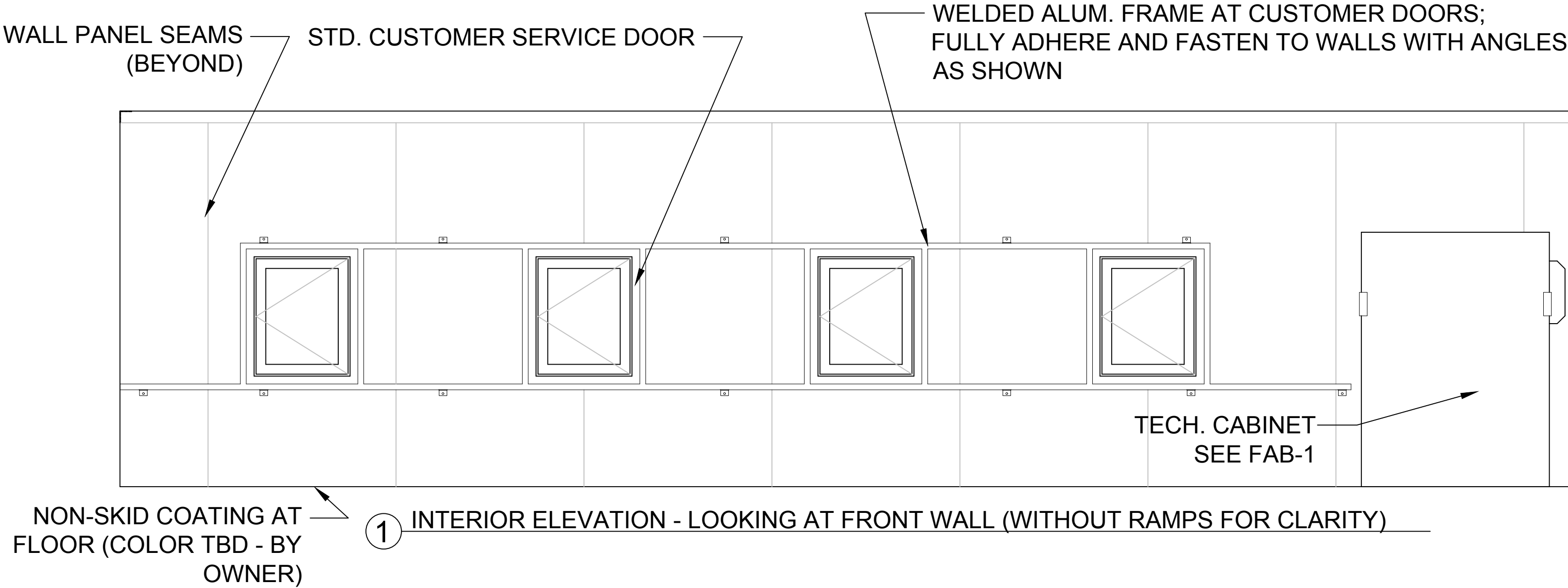
DATE: 12-27-24 Rev 3



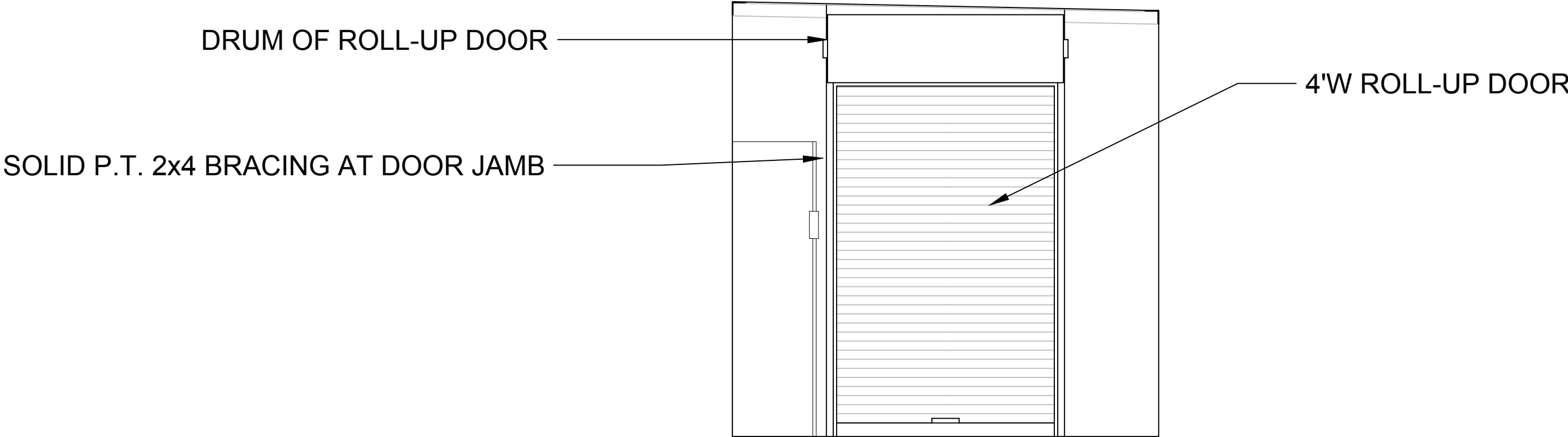
REVISIONS:	
#	DATE/SUBJECT
1	7-7-25: RAFTER SCREWS
DRAWINGS FOR:	
8' x 32' CLYNK STATION	
PREPARED FOR:	
OPBOX 126 US RT 1 WOOLWICH ME	
APPROVED BY:	
D.K. (DIGITALLY VIA EMAIL) CLIENT INITIALS FOR APPROVAL	
11-6-24 DATE	
DRAWN BY: JR	
STATION SECTION & DETAILS	
SCALE: AS NOTED	
A-301	
DATE: 12-27-24	
Rev 4	



REVISIONS:	
#	DATE/SUBJECT
1	7-7-25: RAFTER SCREWS
DRAWINGS FOR:	
8' x 32' CLYNK STATION	
PREPARED FOR:	
OPBOX 126 US RT 1 WOOLWICH ME	
APPROVED BY:	
DRAWN BY: JR	
STATION CROSS SECTION & DETAILS	
SCALE: AS NOTED	
A-302	
DATE: 12-27-24	
Rev 5 THIS SHEET ONLY	



② INTERIOR ELEVATION - LOOKING AT FRONT WALL SHOWING DEMOUNTABLE BAG RAMPS



③ INTERIOR ELEVATION - LOOKING AT SERVICE SIDE WALL

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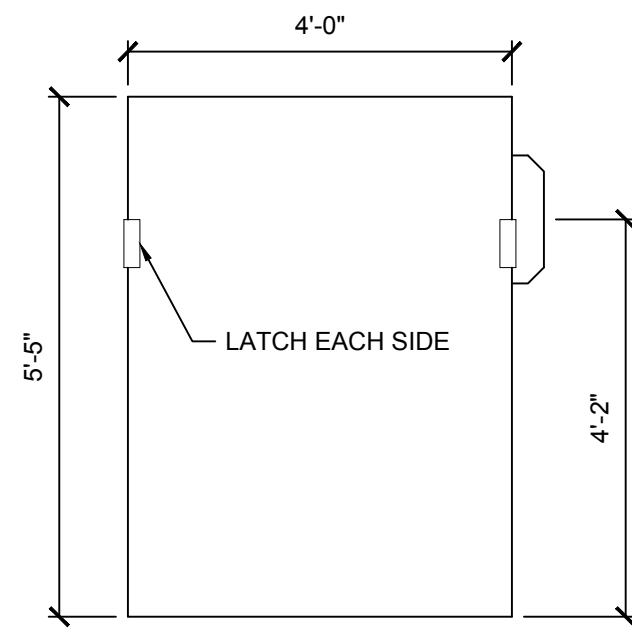
APPROVED BY:

D.K. (DIGITALLY VIA EMAIL) 11-6-24
CLIENT INITIALS FOR APPROVAL DATE

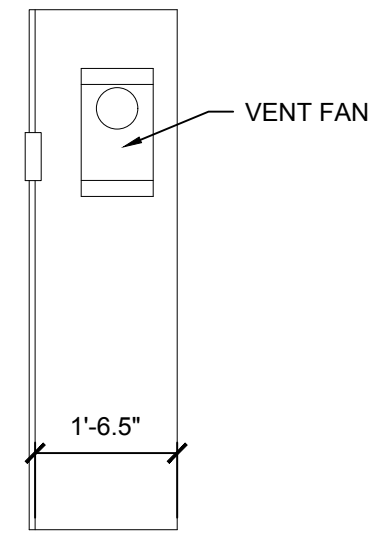
DRAWN BY: JR
INTERIOR
ELEVATIONS
SCALE: 1/2" = 1'-0"

A-601

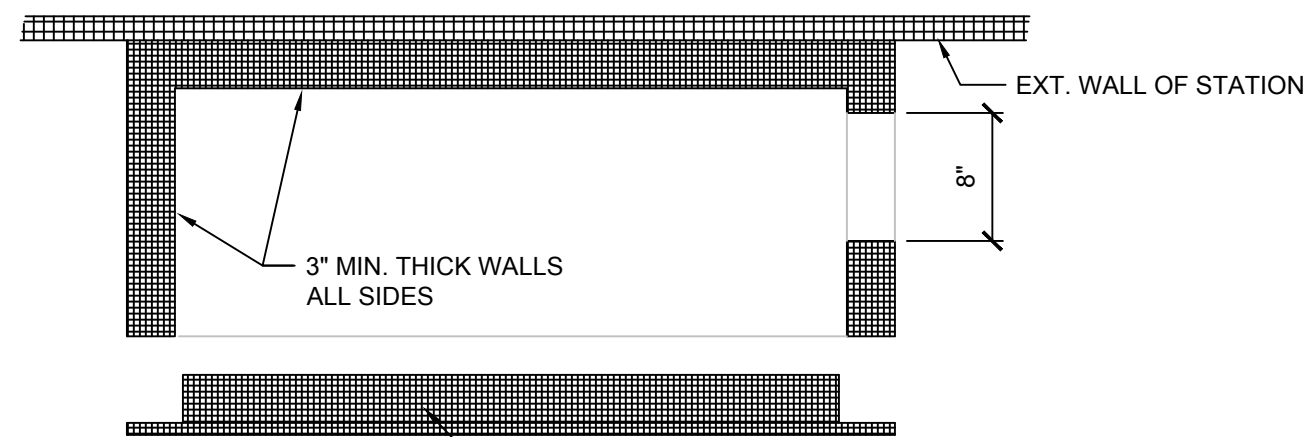
DATE: 12-27-24 Rev 3



TECH CABINET FRONT ELEVATION
SCALE: 1/2" = 1'-0"

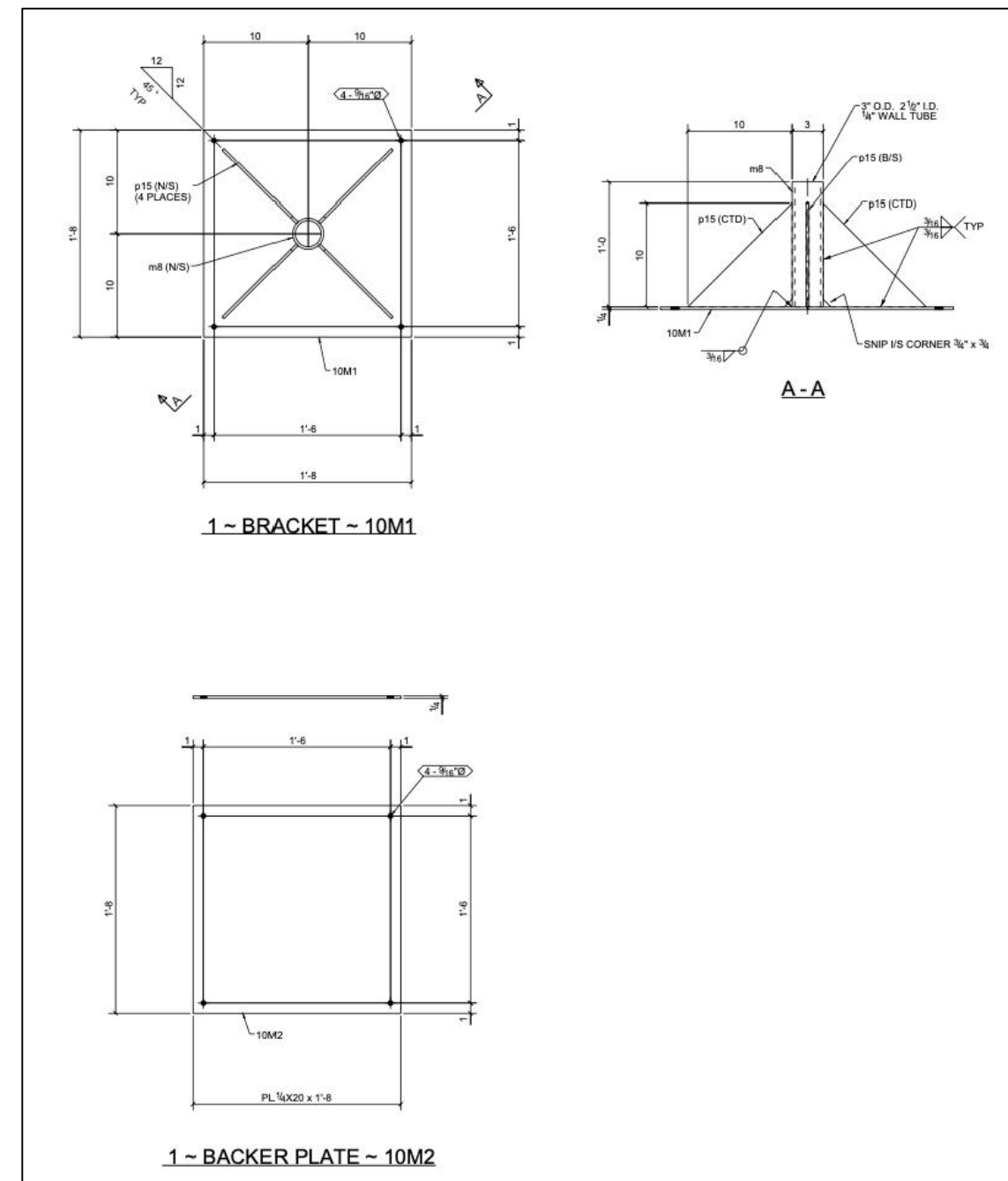


TECH CABINET SIDE ELEVATION
SCALE: 1/2" = 1'-0"

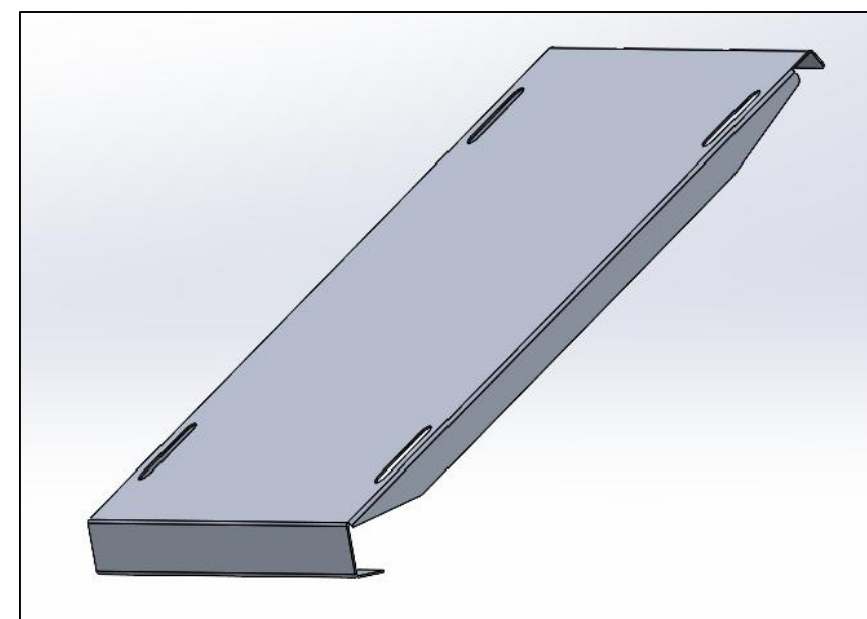


TECH CABINET PLAN DETAIL
SCALE: 1-1/2" = 1'-0"

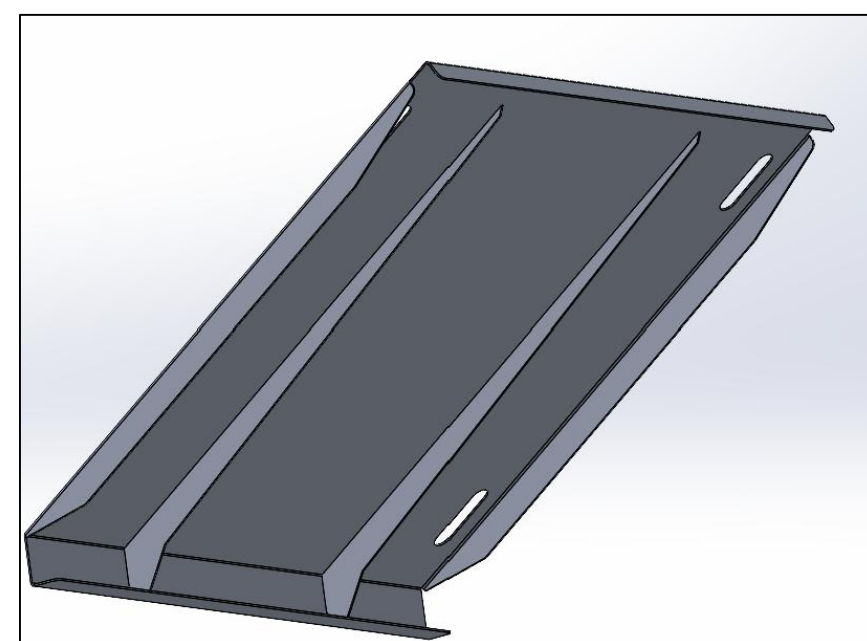
1 **TECH CABINET**
SCALE: NO SCALE



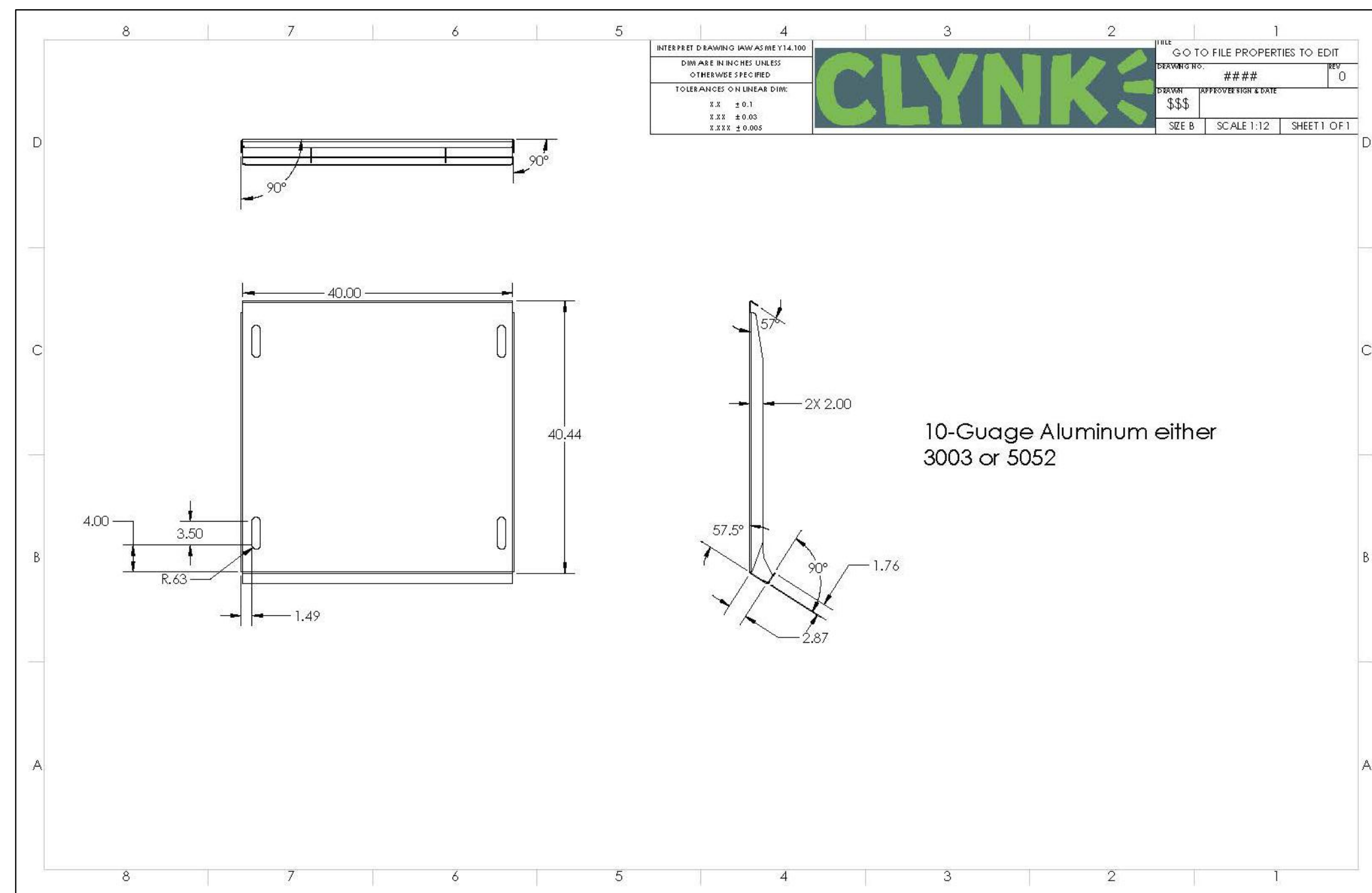
2 **SOLAR MOUNT FLANGE**
SCALE: NO SCALE



VIEW OF RAMP: ABOVE



VIEW OF RAMP: BELOW



3 **ONE-PIECE BAG RAMP CONSTRUCTION**
SCALE: NO SCALE

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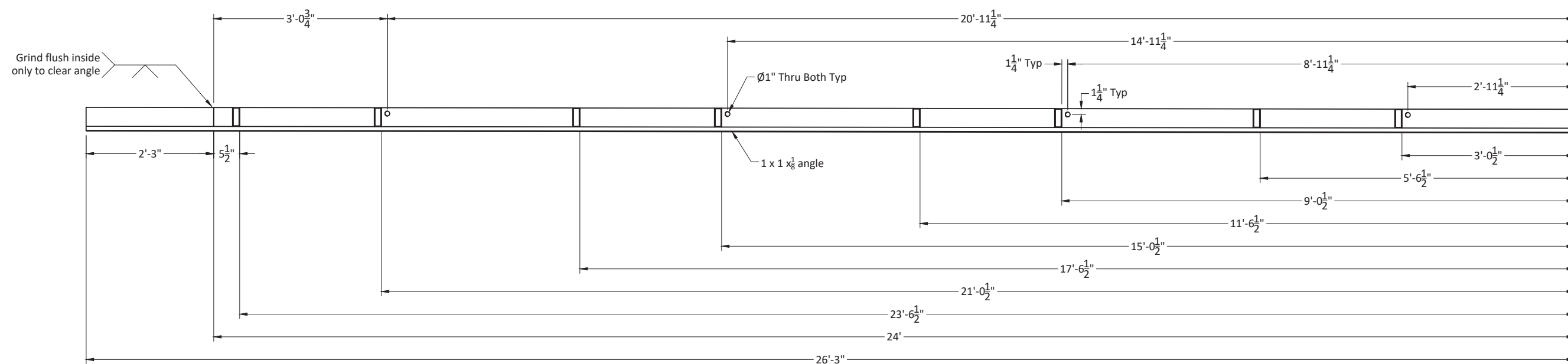
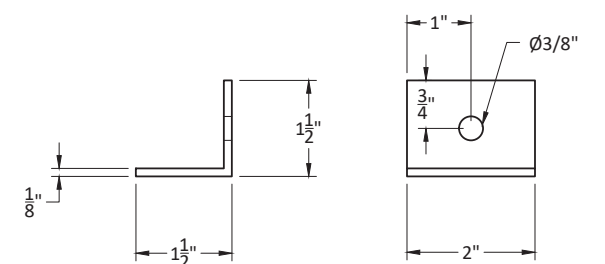
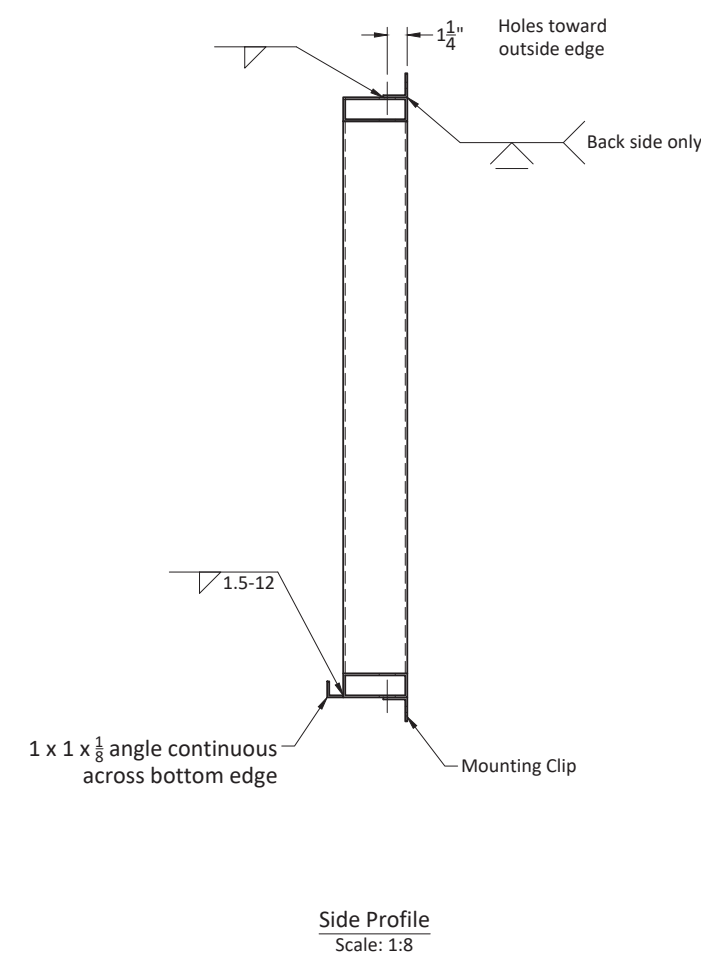
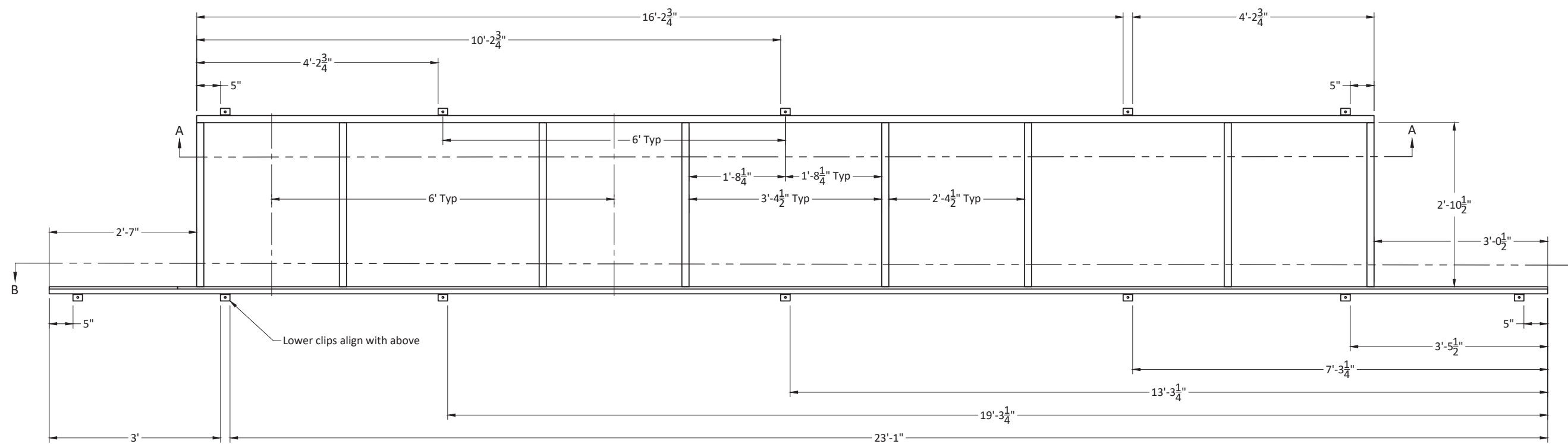
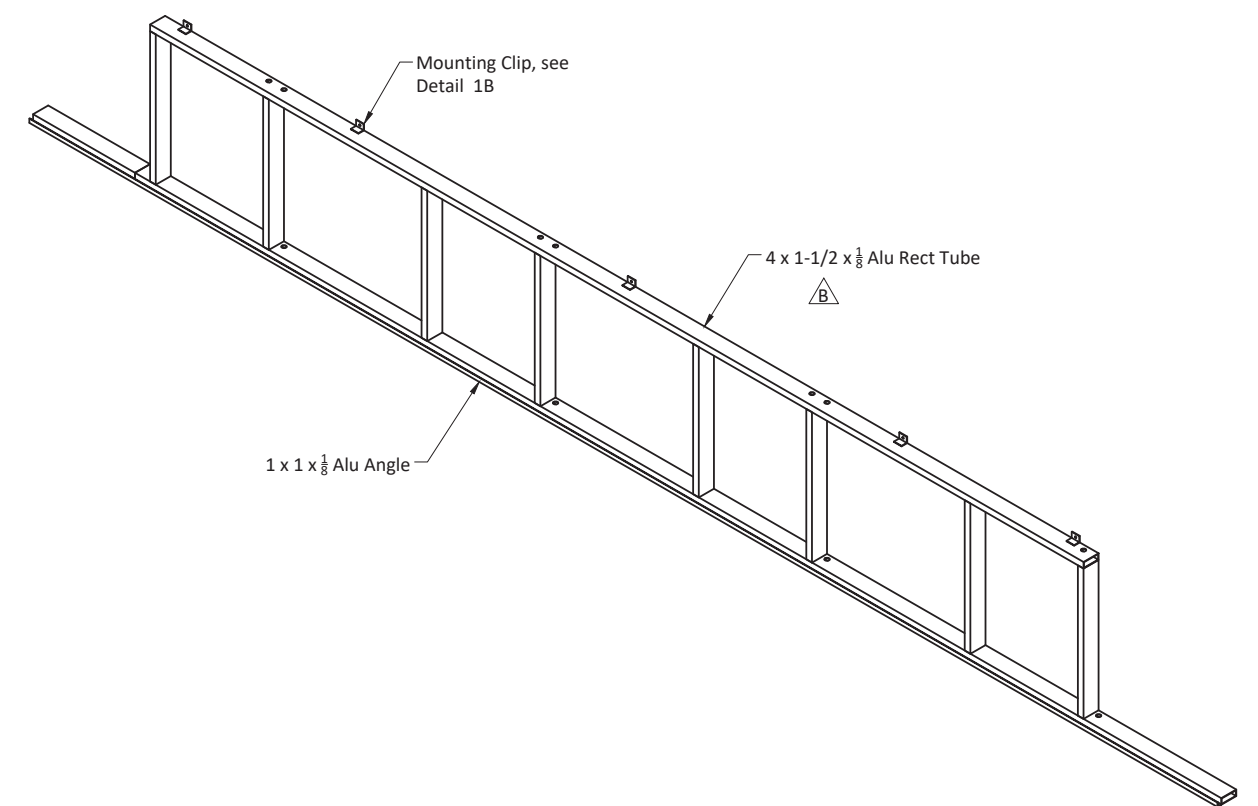
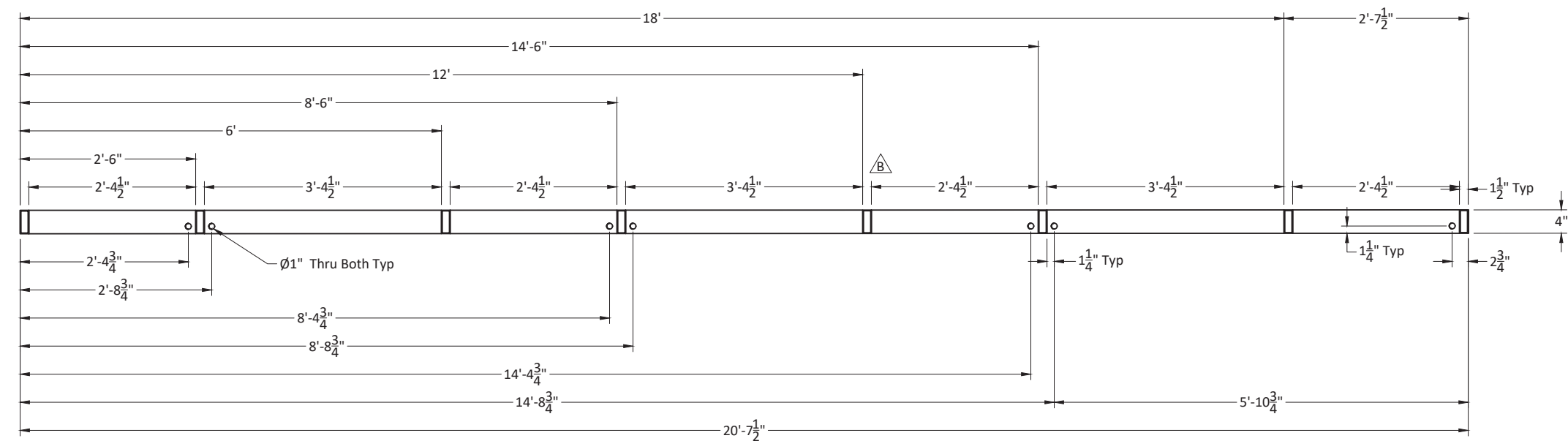
APPROVED BY:

D.K. (DIGITALLY VIA EMAIL) 11-6-24
CLIENT INITIALS FOR APPROVAL DATE

DRAWN BY: JR
MISC. ALUMINUM &
TECH. CAB.
FABRICATION
SCALE: AS NOTED

FAB-1

DATE: 12-27-24 Rev 4
7-7-25 THIS SHEET ONLY



Ramp Hanger (ext)	1 x 1 x $\frac{1}{8}$ alu angle	1	15"
Ramp Hanger	1 x 1 x $\frac{1}{8}$ alu angle	1	25'
Vertical	4 x 1 x $\frac{1}{8}$ alu rect tube	8	34-1/2"
Bottom (ext)	4 x 1 x $\frac{1}{8}$ alu rect tube	1	27"
Bottom	4 x 1 x $\frac{1}{8}$ alu rect tube	1	24'
Top	4 x 1 x $\frac{1}{8}$ alu rect tube	1	247-1/2"
Part	Material	QTY	Length

B	CORRECTED FRAME TUBE SIZE AND VARIOUS DIMENSIONS	9/23/2024	
A	REVISED TO SUIT OPBOX DWG 24-9-17 SK- DOOR LAYOUT	9/19/2024	
REV	DESCRIPTION	DATE	APPROVED
REVISION HISTORY			
 Jason Byrd, P.E. jason@byrdme.com BYRD MACHINE & ENGINEERING 207-406-0792		PROJECT OpBox Door Frames - MEMF 20.3 TITLE Four Door Frame Fabrication	
APPROVED JR - OpBox		SIZE	REV B
CHECKED		Ar D	
DRAWN Jason Byrd		9/17/2024	
		SCALE As noted	
		SHEET 1/1	