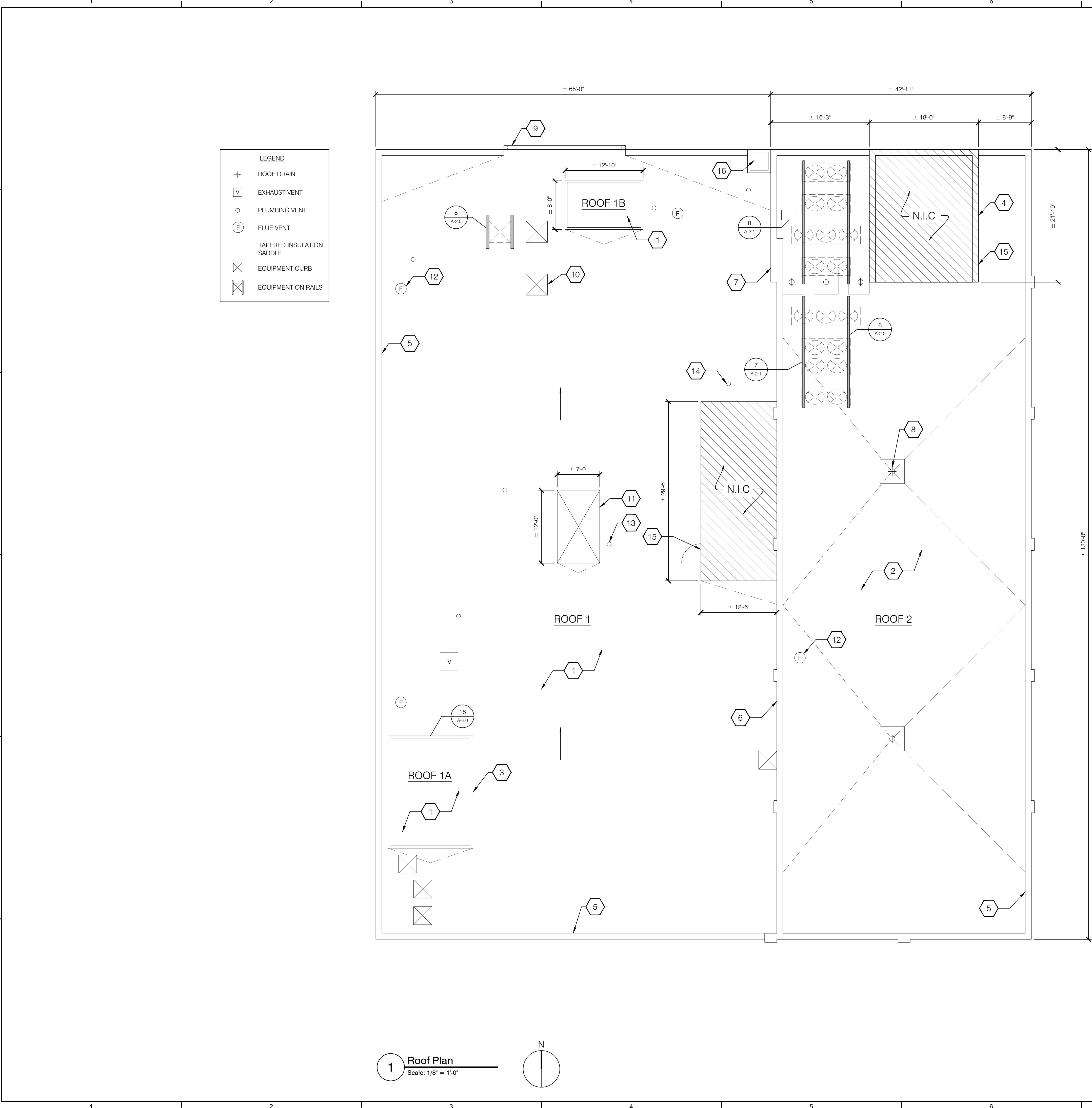


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Plotted: 7/16/2026 1:39 PM by Westberg, Erin



MARK	NOTE LEGEND
①	ROOF AREA 1, 1A, AND 1B: REMOVE MODIFIED BITUMEN ROOFING AND INSULATION TO WOOD PLANK ROOF DECK. INSTALL TWO LAYERS OF 1.5 INCH POLYISOCYANURATE OVER THE DECK. INSTALL A 60 MIL TPO MEMBRANE AND FLASHING SYSTEM. MEMBRANE SHALL BE INDUCTION WELDED TO TPO COATED PLATES AS REQUIRED BY MEMBRANE MANUFACTURER. SEE DETAILS 1 THROUGH 3/A-2.0.
②	ROOF AREA 2: CUT MODIFIED BITUMEN ROOFING INTO 5'X5' SECTIONS AND INSPECT EACH SECTION FOR MOISTURE. INSTALL ONE LAYER OF 0.5 INCH DENSDECK OVER THE MEMBRANE. INSTALL A 60 MIL TPO MEMBRANE AND FLASHING SYSTEM. MEMBRANE SHALL BE INDUCTION WELDED TO TPO COATED PLATES AS REQUIRED BY MEMBRANE MANUFACTURER. SEE DETAILS 4 THROUGH 5/A-2.0.
③	AREA 1 PENTHOUSE WALLS: MECHANICALLY FASTEN 0.5 INCH HD POLYISOCYANURATE TO WALLS AND ADHERE TPO MEMBRANE. INSTALL INTERMEDIATE TERMINATION BAR AS REQUIRED BY MANUFACTURER. SEE DETAIL 4/A-2.1.
④	AREA 2 METAL SIDING: INSTALL HAT CHANNELS ON MASONRY PENTHOUSE WALLS AS REQUIRED BY MANUFACTURER AND INSTALL METAL WALL PANEL SYSTEM AS SHOWN IN DETAIL 5/A-2.1
⑤	PARAPETS: EXTEND TPO MEMBRANE UP AND OVER PARAPETS. INSTALL SHEET METAL COPING AS SHOWN IN 1/A-2.1
⑥	RISING WALLS: REMOVE STUCCO AS NEEDED TO REMOVE EXISTING METAL AND MEMBRANE FLASHINGS. MECHANICALLY FASTEN TOP EDGE OF FLASHING MEMBRANE WITH TERMINATION BAR, 12" O.C. INSTALL A ONE-PIECE FLANGED COUNTERFLASHING AND NEW STUCCO WHERE REMOVED PER DETAIL 1/A-2.2.
⑦	MASONRY WALLS: REMOVE EXISTING METAL AND MEMBRANE FLASHINGS. MECHANICALLY FASTEN TOP EDGE OF TPO MEMBRANE WITH TERMINATION BAR, 12" O.C. INSTALL COUNTERFLASHING AS SHOWN IN DETAIL 1/A-2.2.
⑧	ROOF DRAINS: EXTEND TPO MEMBRANE INTO ROOF DRAINS. INSTALL SEALANT AND HARDWARE AS SHOWN IN 6/A-2.0.
⑨	GUTTER: INSTALL WOOD BLOCKING AS NEEDED TO MATCH HEIGHT OF INSULATION AND COVERBOARD. EXTEND MEMBRANE OVER EDGE AND INSTALL SHEET METAL GUTTER AND DRIP EDGE AS SHOWN IN 7/A-2.0.
⑩	CURB FLASHING-REMOVABLE UNIT: REMOVE EXISTING FLASHING MEMBRANE. INSTALL NEW TPO FLASHING UP AND OVER TOP PER DETAIL 13/A-2.0. INSTALL NEW COUNTERFLASHING AND REINSTALL EQUIPMENT.
⑪	CURB FLASHING-NON-REMOVABLE UNIT: REMOVE EXISTING FLASHING MEMBRANE. INSTALL NEW TPO MEMBRANE FLASHING TO POINT JUST BELOW UNIT. FASTEN TOP EDGE WITH TERMINATION BAR AND SEAL, AND INSTALL COUNTERFLASHING. SEE DETAIL 14/A-2.0.
⑫	FLUE STACK PENETRATION: INSTALL NEW SHEET METAL CONE FLASHINGS AND STORM COLLARS AND FLASH WITH MODIFIED BITUMEN. PER DETAIL 11/A-2.0.
⑬	PIPE PENETRATIONS: REMOVE EXISTING PIPE FLASHINGS AND REPLACE WITH PIPE WRAP FLASHING. SEE DETAIL 9/A-2.0.
⑭	PLUMBING VENT FLASHING: REMOVE EXISTING PLUMBING VENT FLASHINGS. EXTEND PIPE TO 8" MINIMUM WHERE NEEDED. INSTALL NEW PRE-FORMED TPO BOOT FLASHING. SEE DETAIL 10/A-2.0.
⑮	DOOR THRESHOLD: REMOVE EXISTING DOOR THRESHOLD AND FLASHINGS. EXTEND TPO FLASHING UP AND OVER CONCRETE CURB AND INSTALL NEW THRESHOLD FLASHING IN A BED OF SEALANT, SEE DETAIL 15/A-2.0.

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PROJECT

**Will County
Courthouse Annex**

57 North Ottawa Street
Joliet, Illinois 60432

CLIENT

**Will County
Purchasing Department**

302 North Chicago Street
Joliet, Illinois 60432

MARK	DATE	DESCRIPTION

0" 1/2" 1" 2"
THIS SHEET PLOTS FULL SIZE AT 24x36 (INCHES)

PROJECT NO.	2026.1737
DATE	July 16, 2026
DRAWN	EMW
REVIEWED	PDS
SHEET TITLE	Roof Plan
SHEET NO.	A-1.0

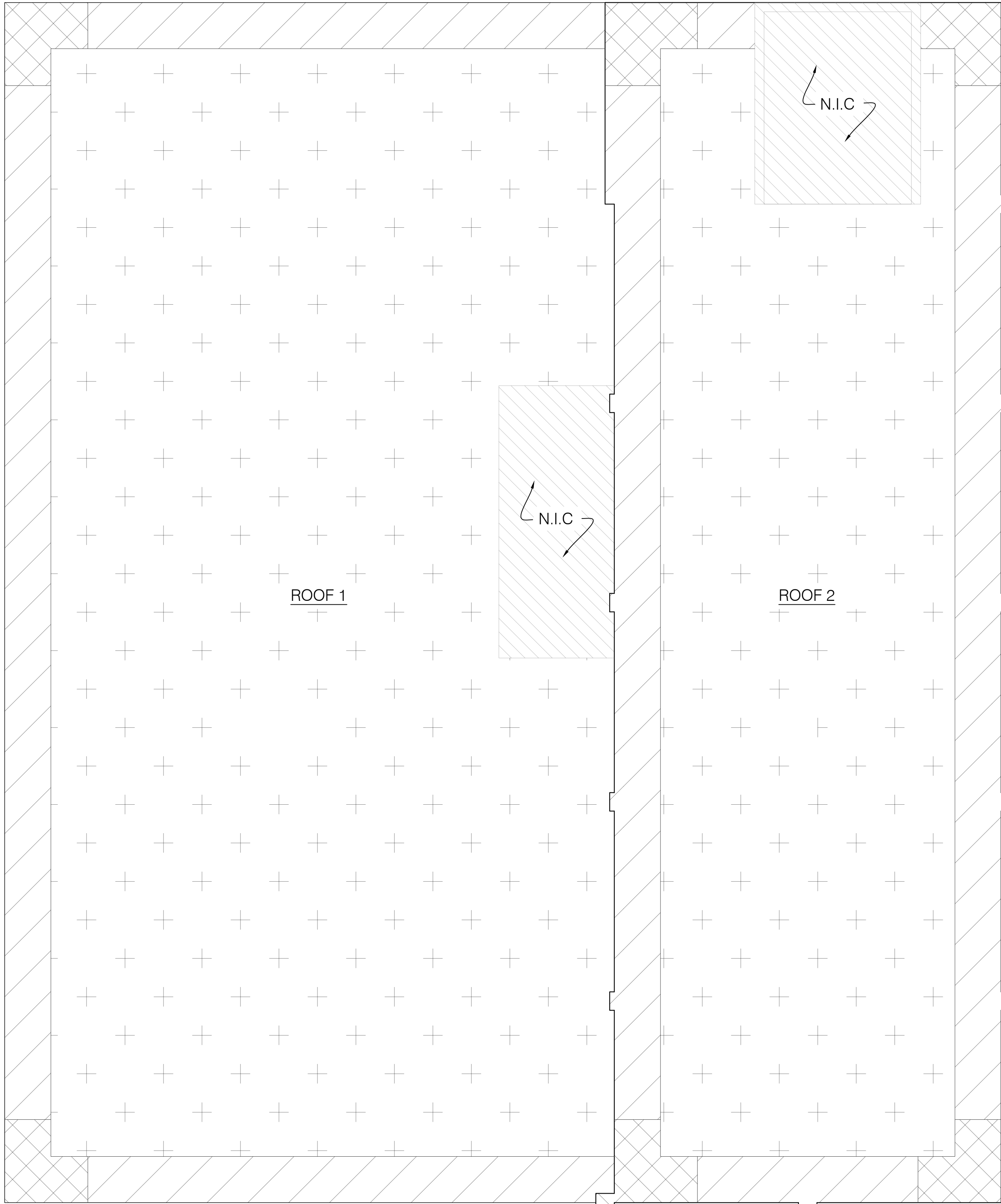
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ROOF SYSTEM WIND UPLIFT PRESSURES					
ZONE		TYPE	ZONE WIDTH	ASD UPLIFT	2X SAFETY FACTOR
		1	INTERIOR	FIELD	22.4 PSF
		2	PERIMETER	4 FEET	35.2 PSF
		3	CORNER	8 FEET	48.0 PSF

NOTE: BASIS OF DESIGN IS ASCE 7-22 WITH A DESIGN WIND SPEED OF 17 MPH., EXPOSURE B. ROOF SYSTEM SHALL BE A TESTED ASSEMBLY THAT MEETS OR EXCEEDS THE DESIGN UPLIFT PRESSURES PROVIDED.



1

Wind Uplift Roof Plan

Scale: 1/8" = 1'-0"

N



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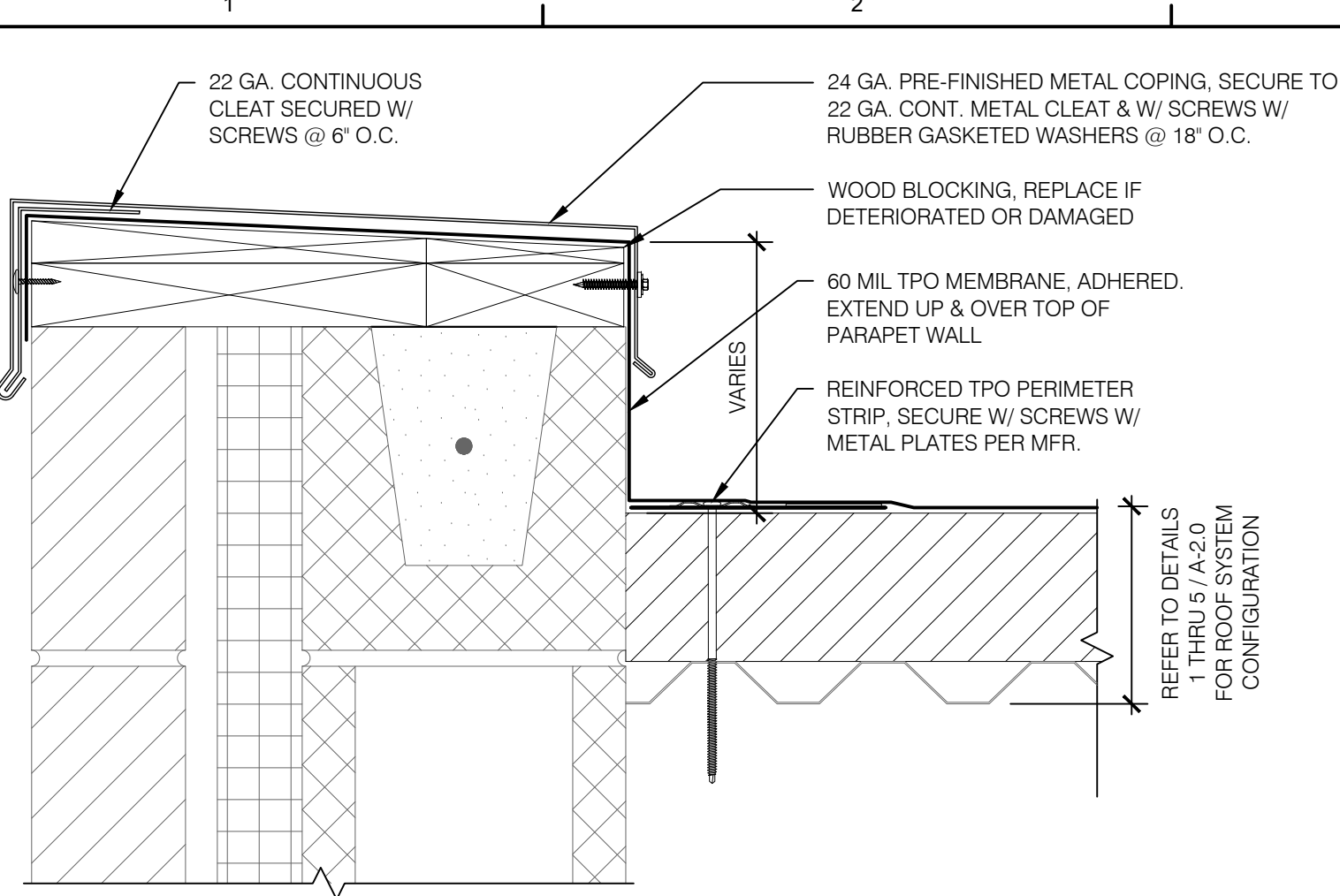
Wind Uplift Plan

SHEET NO.

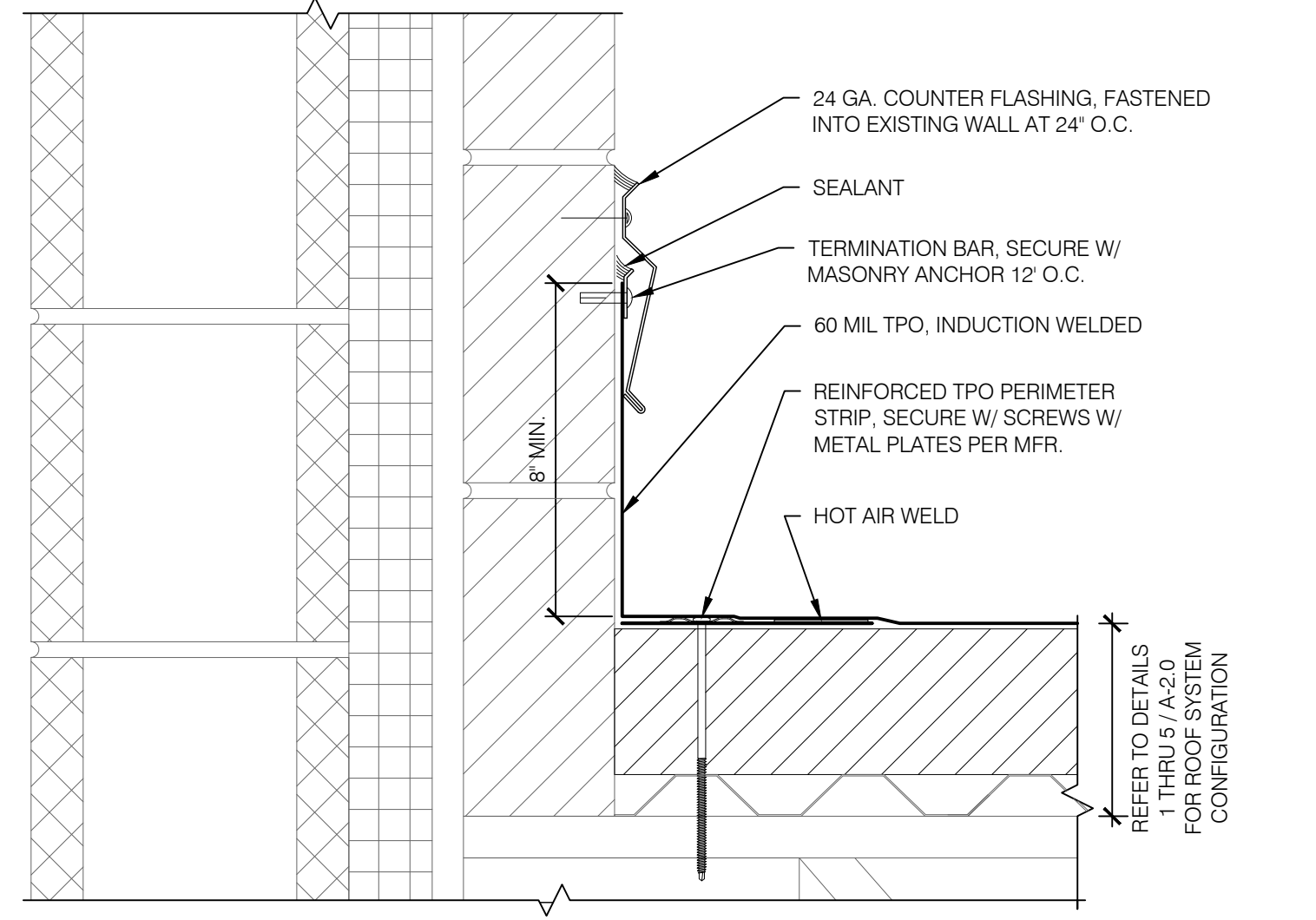
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A-2.0

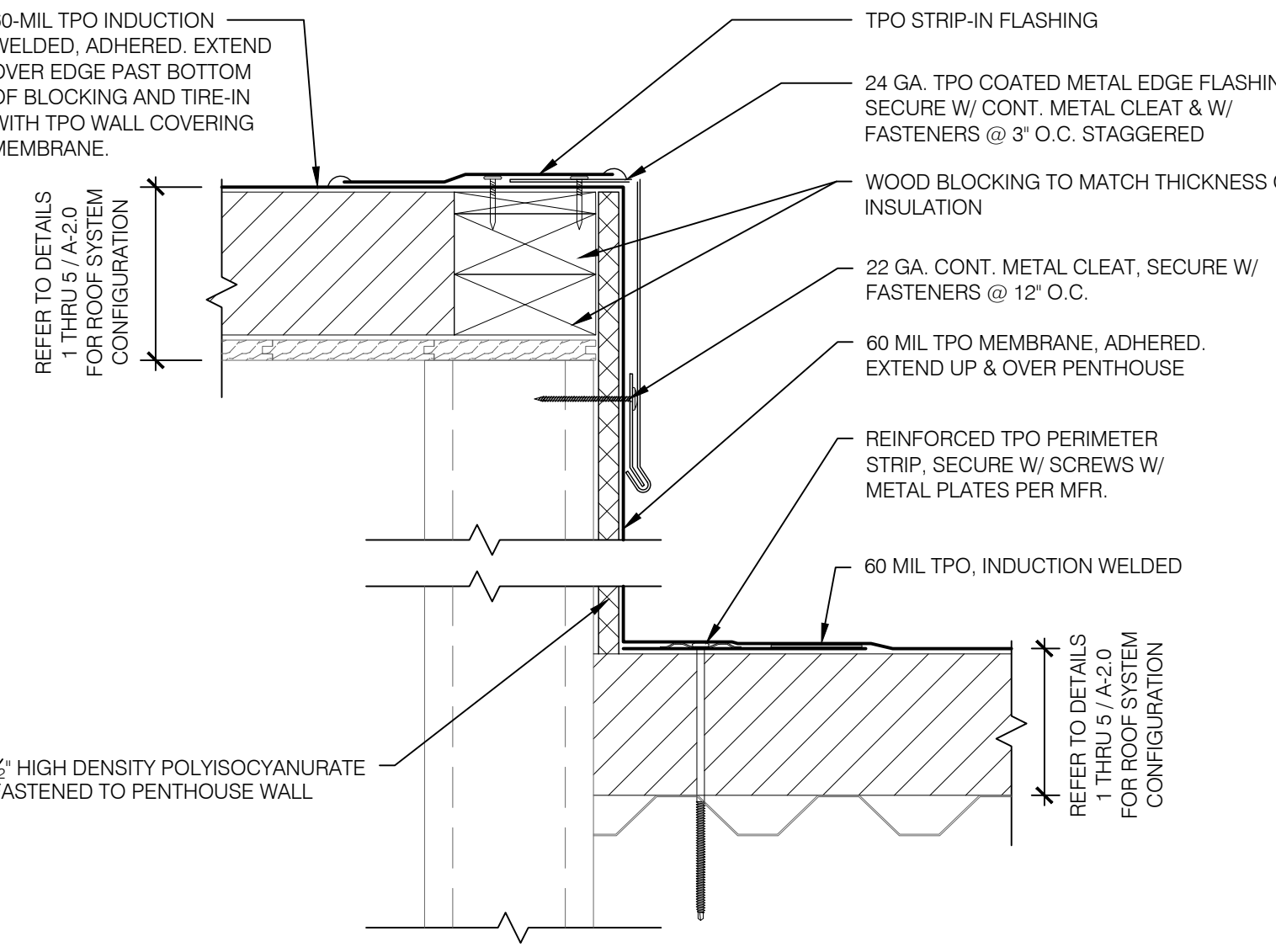
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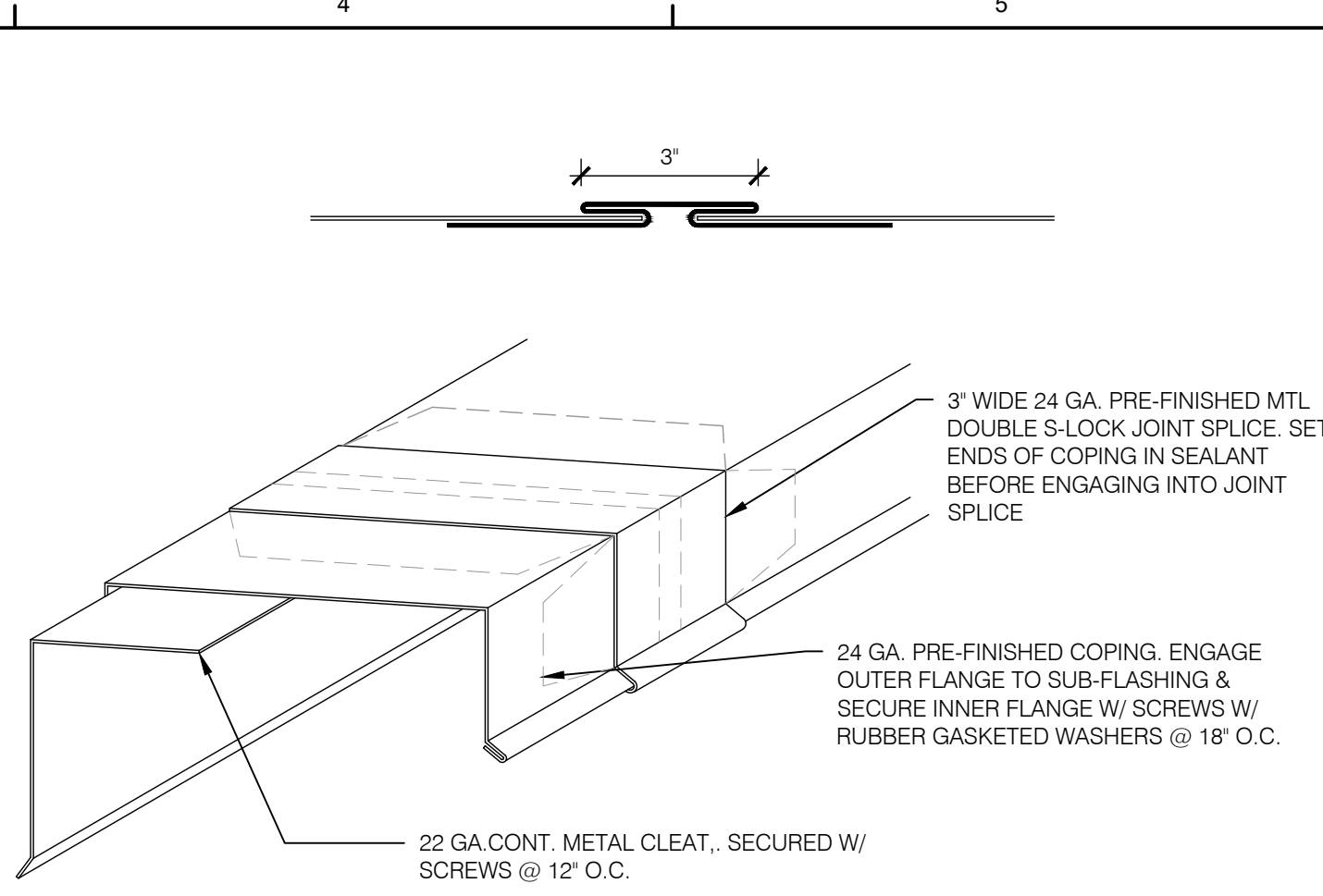
1 Parapet Detail
Scale: 3" = 1'-0"



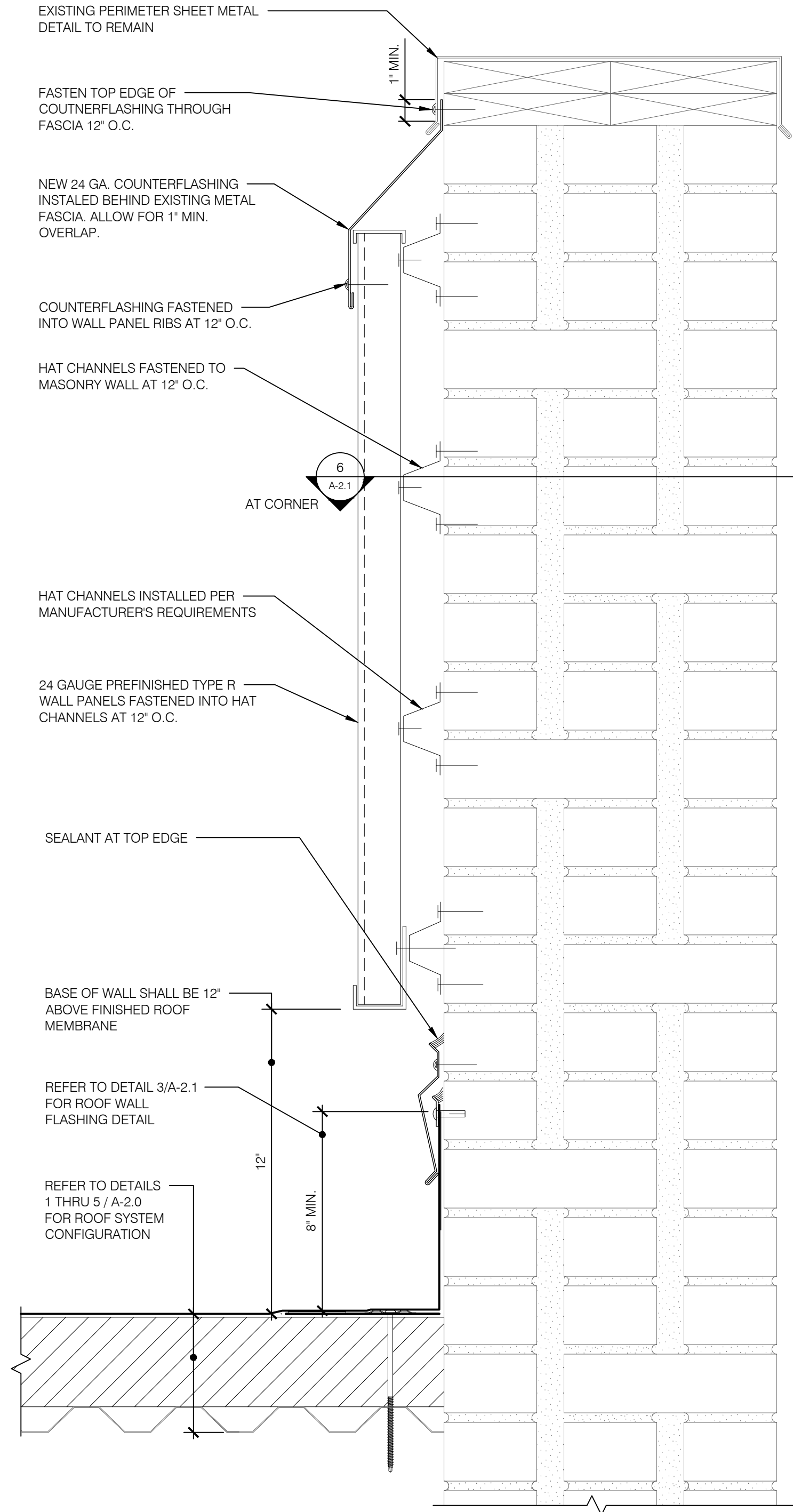
3 Base of Wall Detail
Scale: 3" = 1'-0"



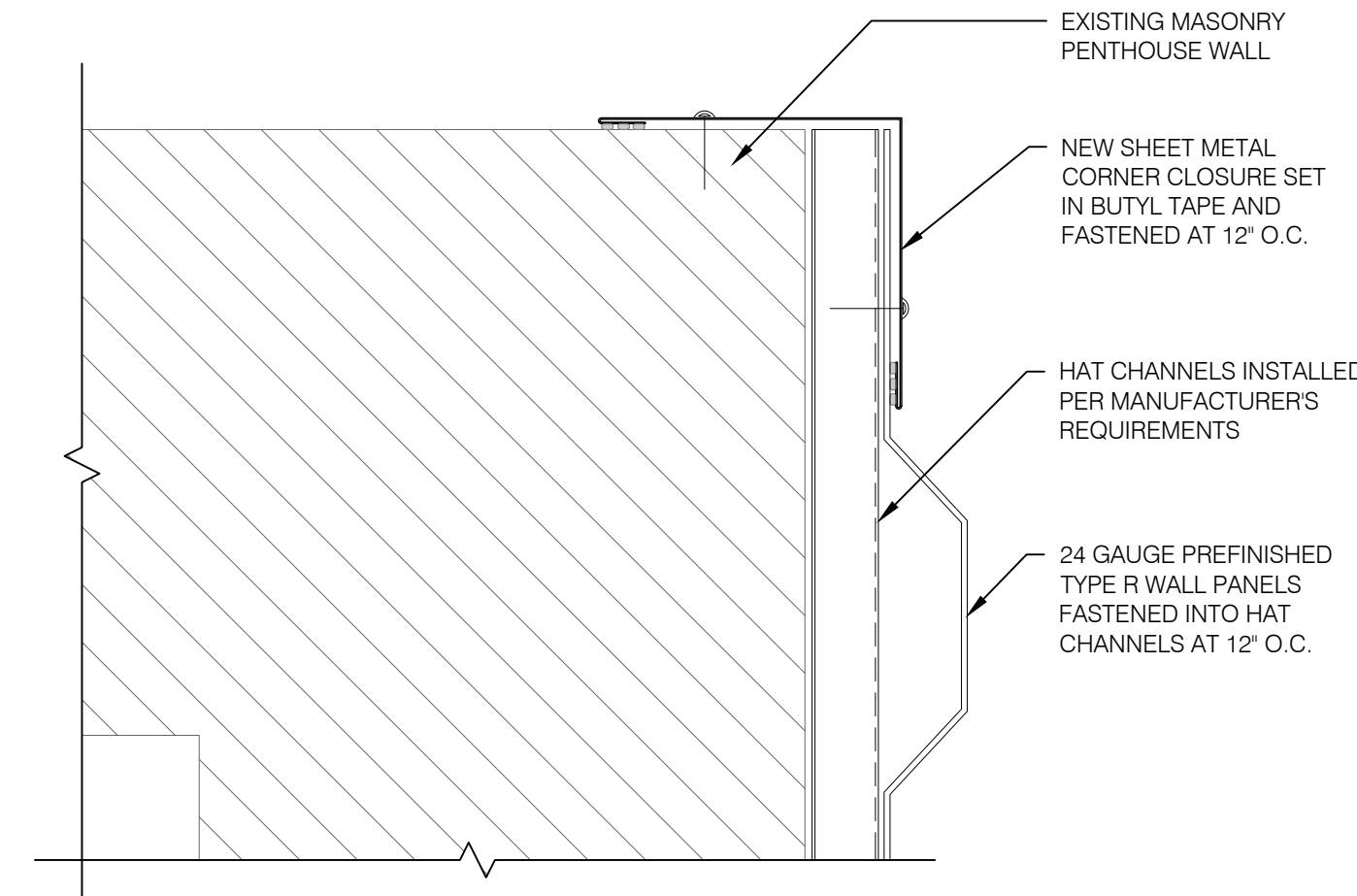
4 Penthouse Detail - Roof 1A and 1B
Scale: 3" = 1'-0"



2 Coping Profile Detail
Scale: Not to Scale



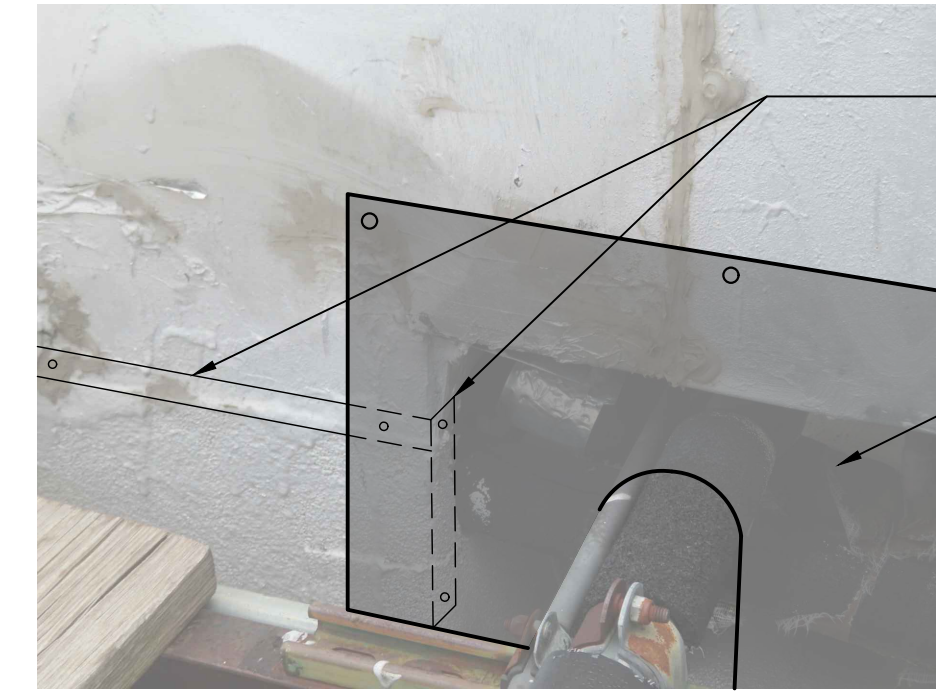
5 Wall Panel at Penthouse Section - Roof 2
Scale: 3" = 1'-0"



6 Wall Panel Termination at Corner Plan View
Scale: 3" = 1'-0"



7 Conduit Through Curb
Scale: Not to Scale



8 Pipe Chase Detail
Scale: Not to Scale



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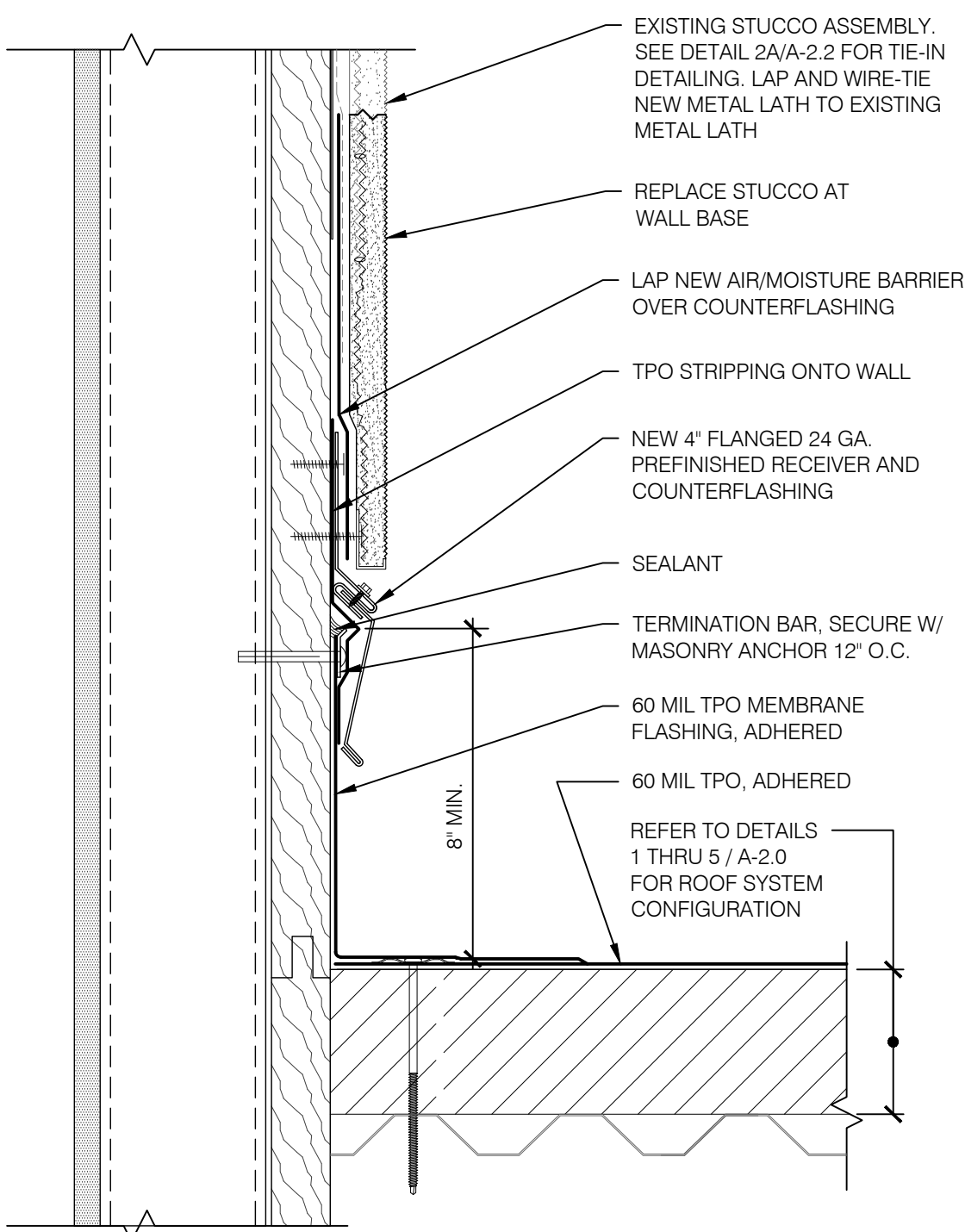
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DATE	July 16, 2026
DRAWN	EMW
REVIEWED	PDS
SHEET TITLE	Roof Details

SHEET NO. **A-2.1**

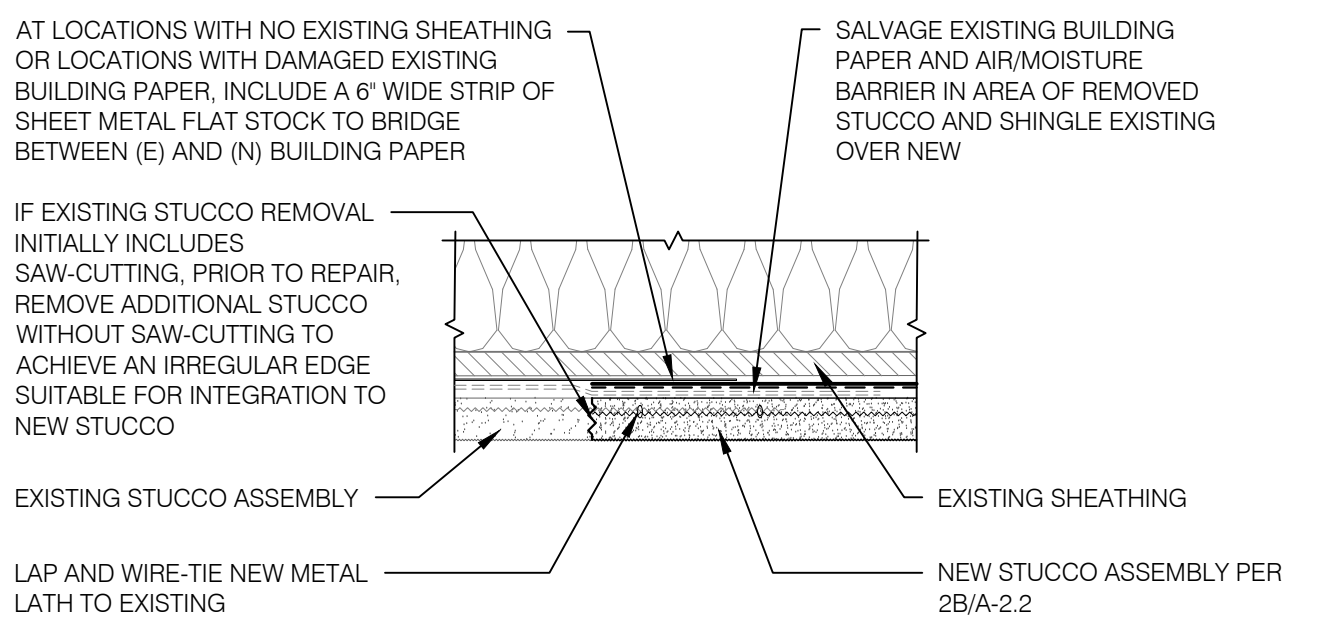
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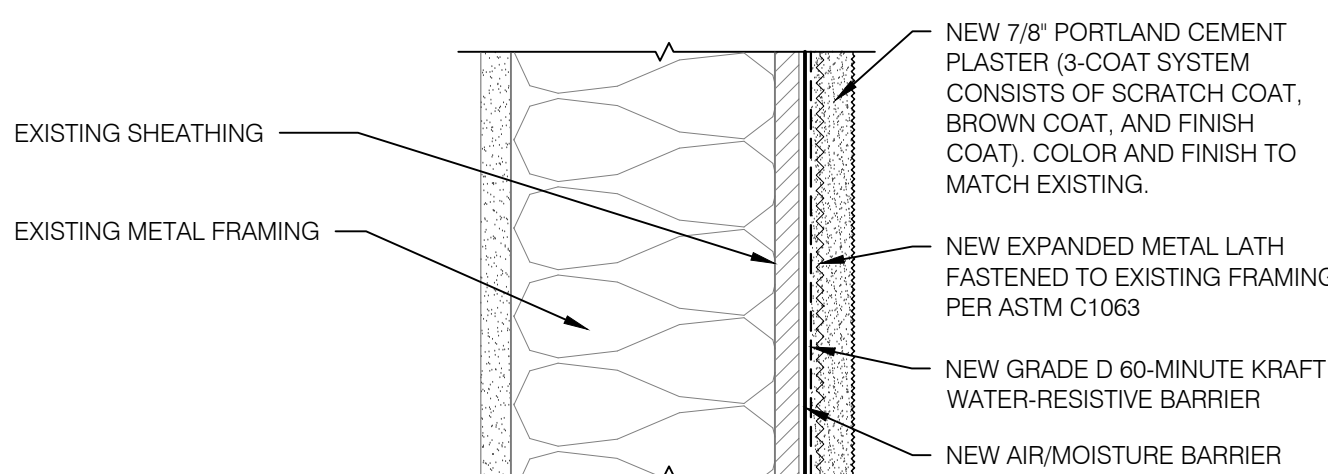
Plotted: 7/16/2026 1:39 PM by Westberg, Erin



1 Wall Flashing Section Detail at Stucco
Scale: 3" = 1'-0"



2A Tie-In Detail to Existing Stucco Plan View
Scale: 3" = 1'-0"



2B New Stucco Assembly Section Detail
Scale: 3" = 1'-0"



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PROJECT NO. 2026.1737

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SHEET TITLE

Stucco Repair Details

SHEET NO.

A-2.2