



Mobile Airport Authority

ADDENDUM No. 1

Request for Proposal

RFP No. 2023-0010

Date: July 18, 2023

Project Name: Airbus Engineering Roof Repairs

Addendum No. 1 for the above referenced project has been published. This addendum is available only by electronic delivery on the Mobile Airport Authority website. Please find attached the Documents for the above referenced **Addendum No. 1**.

This Addendum is hereby made a part of the Contract Documents and Specifications of the above referenced project. All other requirements of the original Contract Documents and Specifications shall remain effective in their respective order.

ACKNOWLEDGE RECEIPT OF THIS ADDENDUM (Page 16) "Attachment C" BY INSERTING THE ADDENDUM # and DATE OF THE ADDENDUM ON THE SIGNATURE & ACKNOWLEDGEMENT AFFIDAVIT FORM.

ITEM NO. 1: Questions & Answers

Question – After looking at the roof yesterday, I have a question about the large HVAC units on each roof. It appears that the curbs were flashed prior to the units being placed on the curbs. With the way the units are set now, we will not be able to extend the membrane high enough on the curb to reach manufacturer's requirements of 8" above the roof surface without the units being lifted. This will require an HVAC subcontractor and of course the units being shut down for at least a day to disconnect, raise, flash, and re-connect.

Answer - If there is a requirement to shut down the HVAC system at any time, the work will need to be coordinated with MAA and Airbus. The work shall be performed during non-working hours (i.e., after 5 pm or during the weekend).

ITEM NO. 2: Clarifications

1. The proposal deadline for this RFP has been extended from July 27, 2023 to **August 3, 2023**. The deadline to submit questions regarding this RFP has been extended from July 18, 2023 to **July 27, 2023**.
2. Specifications - Section 2.06.C.1 Metal Flashing and Membrane Terminations, Coping



Mobile Airport Authority

As referenced in detail 1/A500.1 at the specified locations in the provided detail drawings; install continuous lumber blocking atop the parapet wall to provide an anchor point for the new coping clips/ fasteners, install new fully adhered TPO membrane from the base of the replacement area up and over the parapet walls then extending to the opposite existing base leaving a 1 ½" overlap on each side to be heat welded to the existing membrane. Heat welding should be performed per the manufacturer recommendations. Ensure the existing membrane remains to extend vertically up the parapet wall by approximately 8" prior to installation/securement of the new TPO membrane. See provided detail for specific fastener spacing.

3. Core Sampling (roof buildout)
 - a. Single ply membrane
 - b. 5' Polyisocyanurate Insulation Board
 - c. Concrete
 - d. Metal form decking

ITEM NO. 3: Attachments

1. Pre-Bid Meeting Sign-In Sheet
2. Meeting Minutes
3. Drawings & Details

Sincerely,

MOBILE AIRPORT AUTHORITY

Rita L. Barren
Procurement Officer

cc: Mobile Airport Authority File

-End of Addendum No. 1-



Mobile Airport Authority

Airbus Engineering Lower Roof Repairs
RFP No. 2023-010

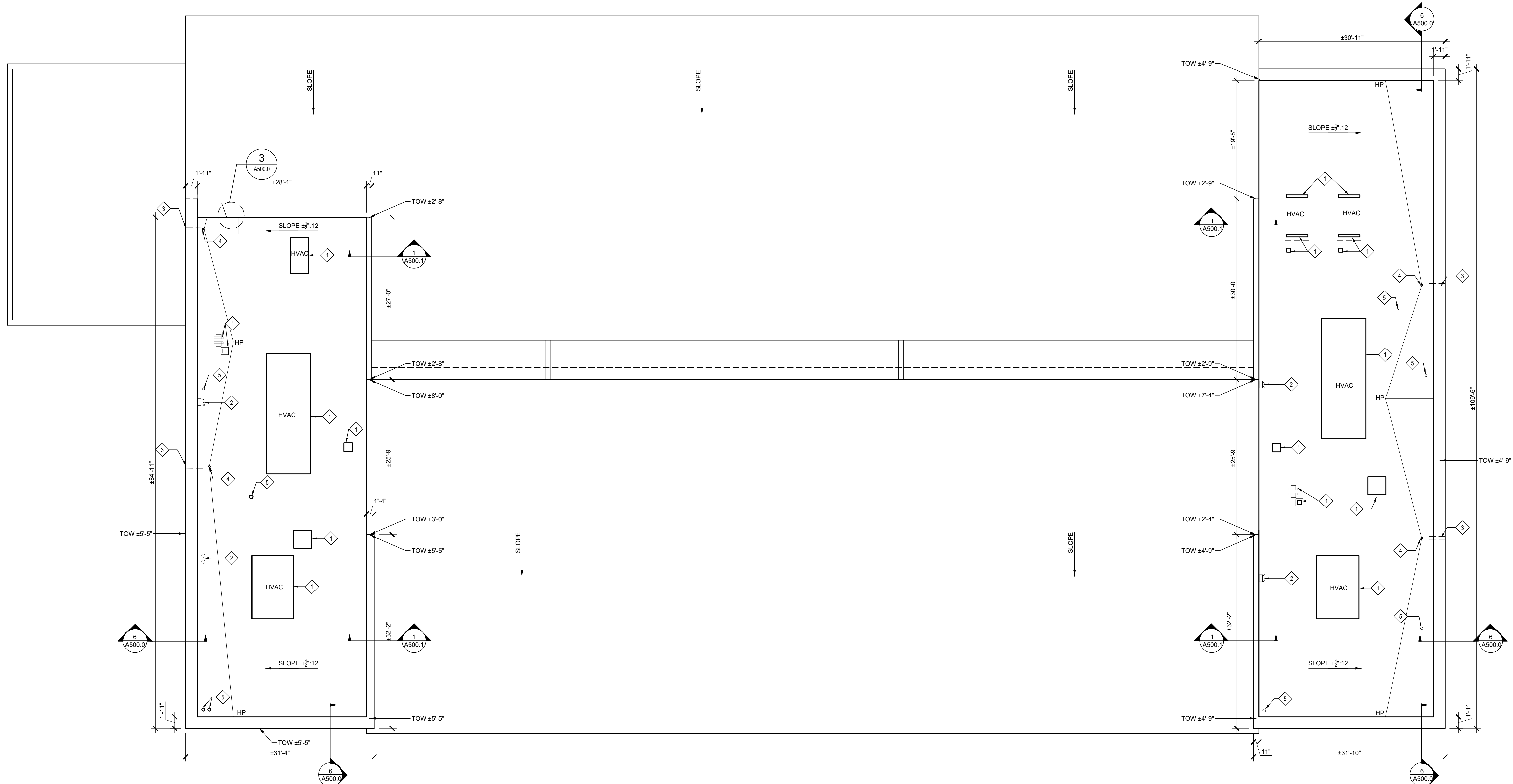
PRE-BID MEETING SIGN-IN SHEET

DATE/TIME: Tuesday July 11, 2023 @ 2PM (Local)

LOCATION: Mobile Airport Authority Administration Offices
Conference Room

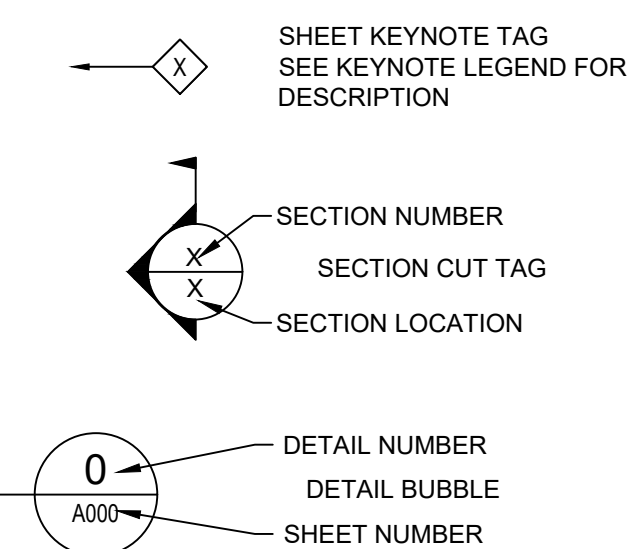
| | Name (Please Print) | Company | Email |
|-----|---------------------|--------------------------------|-----------------------------|
| 1. | JAY PEREZ | MAA | PEREZ@MOB AIRPORT.COM |
| 2. | Cole Pace | Mid-Western Commercial Roofers | space@midwesternroofers.com |
| 3. | Shawn Little | E Cornell Malone Corp. | Shawn@ecmalone.com |
| 4. | Jason Carter | Integrity Maintenance LLC | integritym17@gmail.com |
| 5. | JOE FRANKS | FRANKS, FRANKS & SONS | KJS.FRANKS@GMAIL.COM |
| 6. | FRANK FRANKS | MAA | frank@mobairport.com |
| 7. | Rita Barber | Mobile Airport Auth | R.Barber@mobairport.com |
| 8. | DOV STALLS | MAA | DSUMLEN@MOB AIRPORT.COM |
| 9. | Campbell Thomas | Thomas Roofing | Campbell@thomasroofing.com |
| 10. | | | |
| 11. | | | |
| 12. | | | |

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EXISTING ROOF PLAN
SCALE: 1/16"=1'-0"

SYMBOLS LEGEND:



GENERAL NOTES

- EXISTING CONDITIONS, DIMENSIONS AND QUANTITIES TO BE FIELD VERIFIED BY ALL BIDDERS.
- GENERAL CONTRACTOR IS TO REPORT ANY UNFORESEEN DAMAGE THAT IS ENCOUNTERED AT THE SUBSTRATE OR STRUCTURE TO THE ARCHITECTS REPRESENTATIVE.

KEYNOTE LEGEND

- 1 MECHANICAL EQUIPMENT. SEE 1/A500.0 FOR CURB DETAIL
- 2 WALL MOUNTED ELECTRICAL PANEL. SEE 4/A500.0 FOR ROOF PIPE FLASHING.
- 3 THRU-WALL SCUPPERS. SEE 5/A500.0
- 4 ROOF DRAIN. SEE 2/A500.0
- 5 PLUMBING VENT PIPE. SEE 4/A500.0

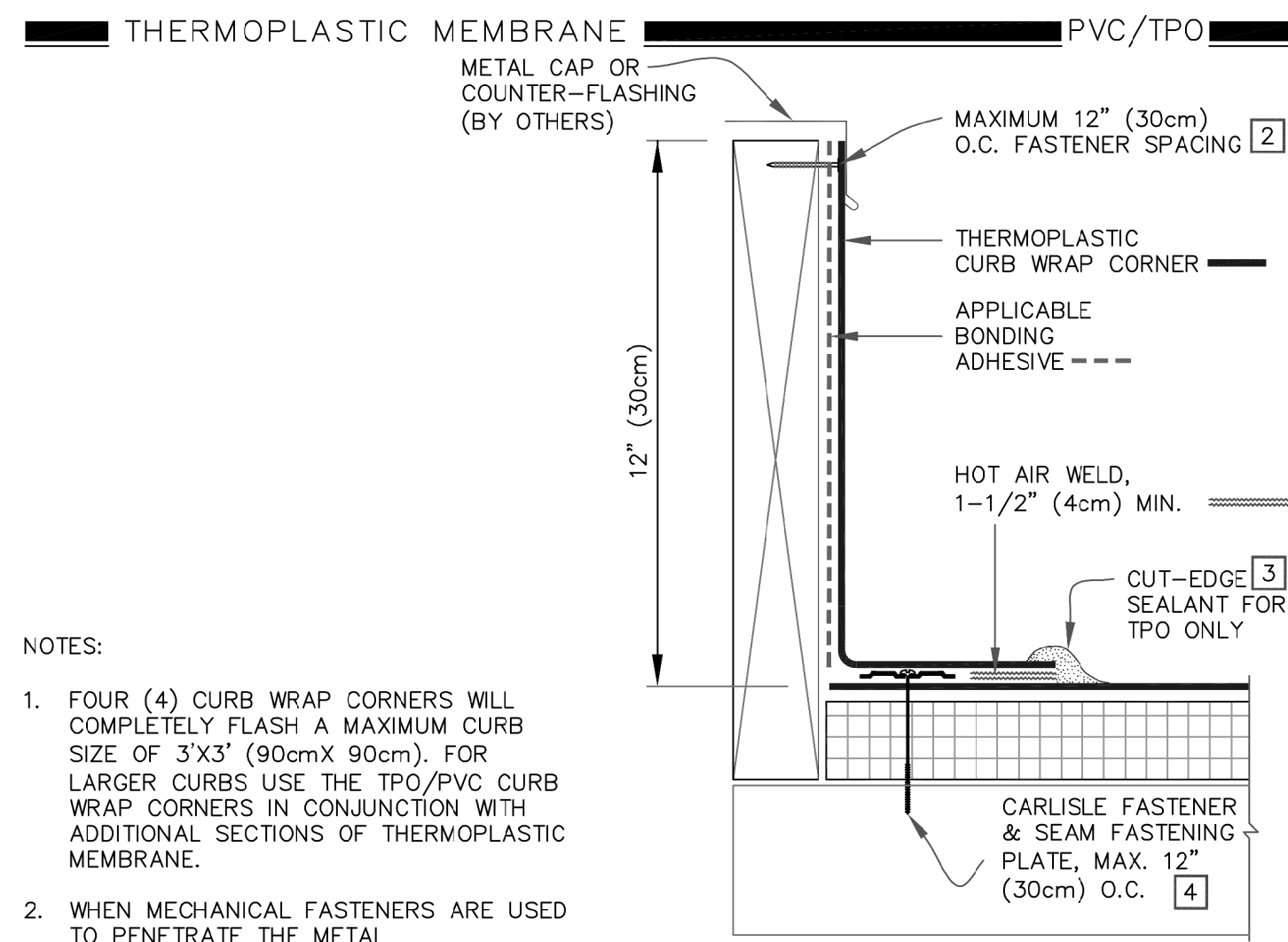
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NEW ROOF PLAN

SHEET NUMBER:

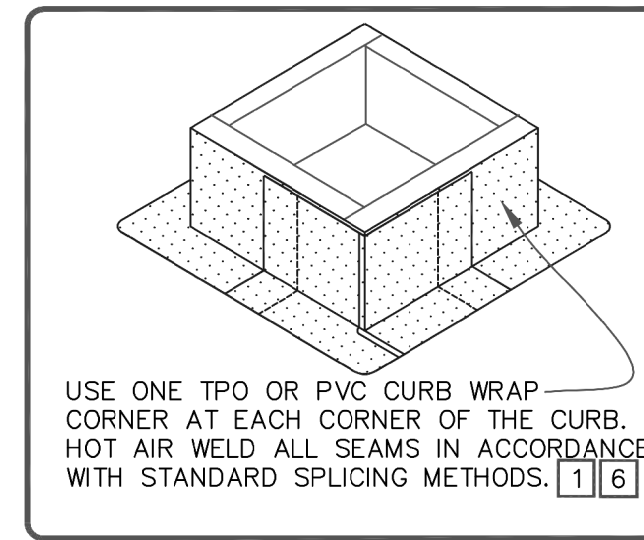
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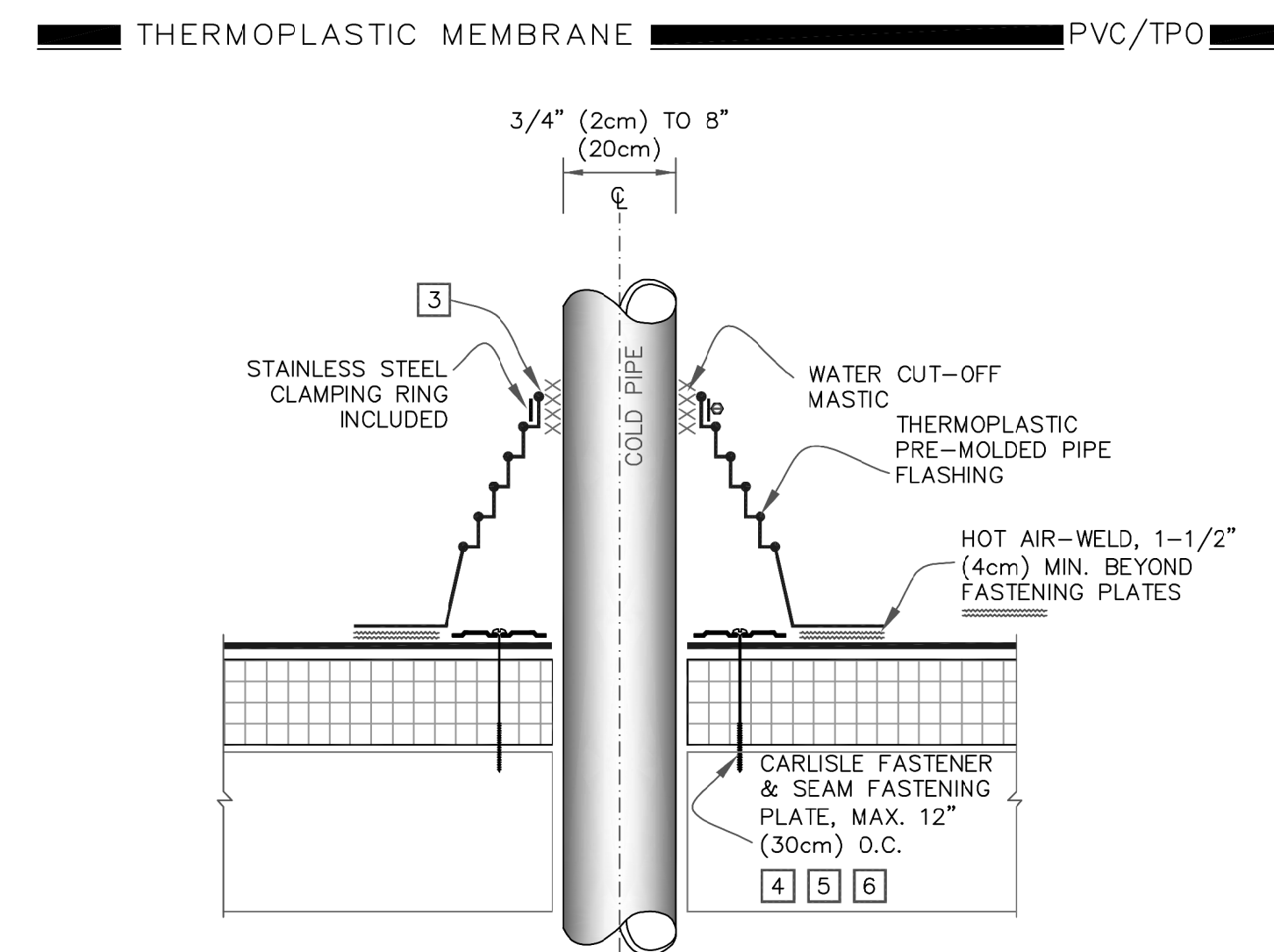


NOTES:

- FOUR (4) CURB WRAP CORNERS WILL COMPLETELY FLASH A MAXIMUM CURB SIZE OF 3'X3' (90cmX 90cm). FOR LARGER CURBS USE THE TPO/PVC CURB WRAP CORNERS IN CONJUNCTION WITH ADDITIONAL SECTIONS OF THERMOPLASTIC MEMBRANE.
- WHEN MECHANICAL FASTENERS ARE USED TO PENETRATE THE METAL COUNTER-FLASHING, USE EPDM WASHERS, APPLY WATER CUT-OFF MASTIC UNDER COUNTER-FLASHING OR CAULK FASTENER HEAD.
- APPROXIMATELY 1/8" (0.5cm) BEAD OF CUT-EDGE SEALANT IS REQUIRED ON THE CUT EDGES OF THE TPO FIELD WRAP CORNER.
- REFER TO CARLISLE SPECIFICATIONS FOR ACCEPTABLE CARLISLE FASTENERS AND PLATES.
- CUSTOM SIZES ARE AVAILABLE FOR CURB FLASHING HEIGHTS GREATER THAN 12" (30cm).
- APPLICABLE BONDING ADHESIVE FOR PVC OR TPO. IN CASE OF TPO, CAV-GRIP III ADHESIVE MAY ALSO BE USED ON VERTICAL PORTION.



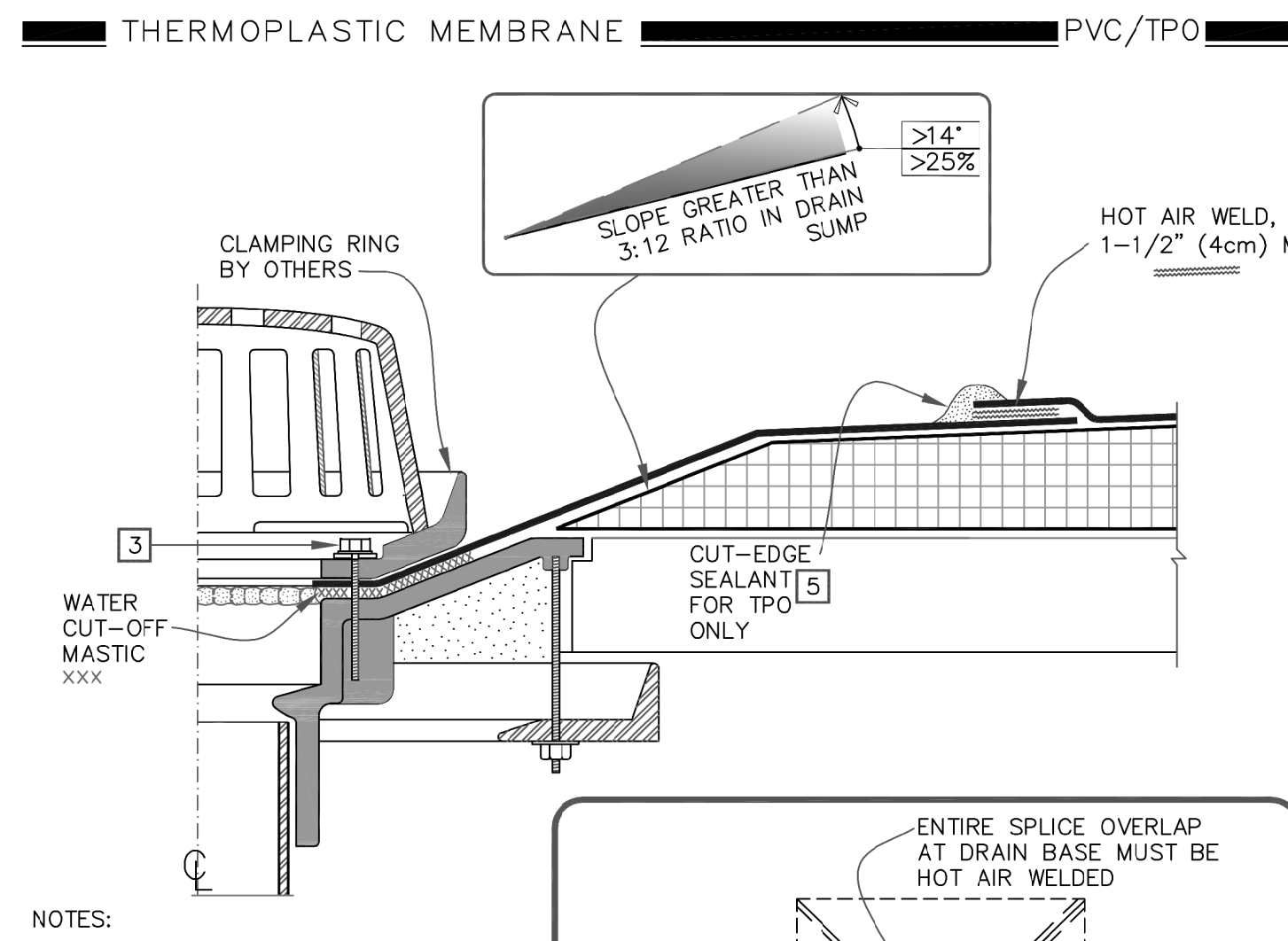
1 CURB FLASHING DETAIL
SCALE: N.T.S



NOTES:

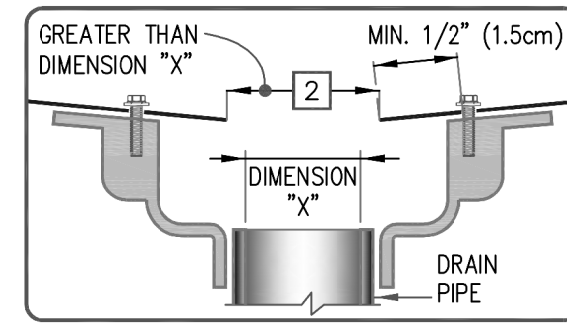
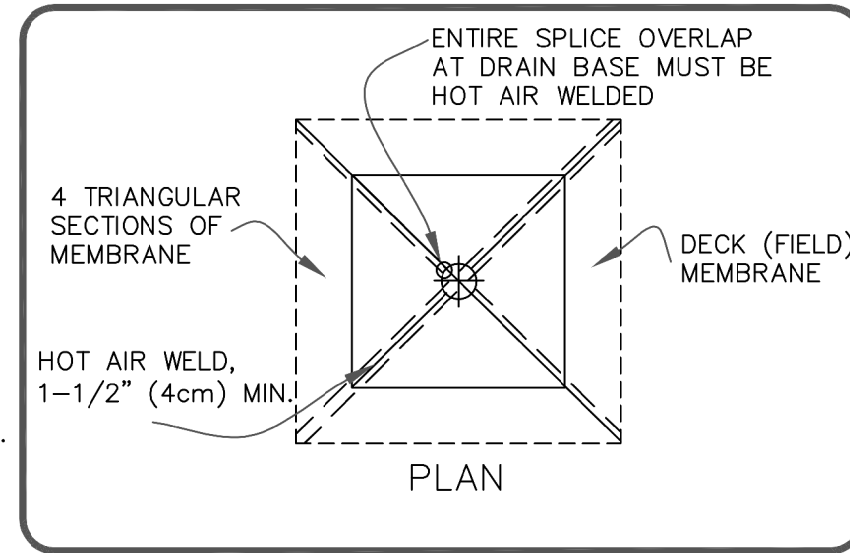
- REMOVE ALL EXISTING LEAD AND FLASHING MATERIAL BEFORE INSTALLING PRE-MOLDED PIPE FLASHING.
- TEMPERATURE OF THE PIPE PENETRATION MUST NOT EXCEED 140°F (60°C) WHEN USING PVC AND 160°F (71°C) WHEN USING TPO FLASHING.
- PRE-MOLDED PIPE FLASHING MUST HAVE INTACT RIB AT THE TOP EDGE REGARDLESS OF PIPE DIAMETER.
- INSTALL A MINIMUM OF 4 FASTENERS AND PLATES AROUND THE PIPE, EQUALLY SPACED. IF FASTENERS AND PLATES CANNOT BE INSTALLED AS SHOWN, THEY MAY ALSO BE POSITIONED OUTSIDE THE PIPE MAXIMUM 12" (30cm) O.C. AND FLASHED WITH THERMOPLASTIC REINFORCED MEMBRANE / TPO CUT-EDGE SEALANT. REFER TO DETAIL U-88.
- FASTENERS AND PLATES ARE NOT REQUIRED ON ADHERED SYSTEMS UNLESS PIPE DIAMETER EXCEEDS 18" (46cm).
- ON MECHANICALLY FASTENED SYSTEMS, HP-X FASTENERS AND PIRANHA PLATES OR HP-XTRA FASTENERS AND PIRANHA XTRA PLATES ARE REQUIRED OVER STEEL AND WOOD DECKS. ON CONCRETE DECKS, CD-10 OR HD 14-10 FASTENERS ARE USED WITH PIRANHA PLATES.

4 PIPE FLASHING
SCALE: N.T.S

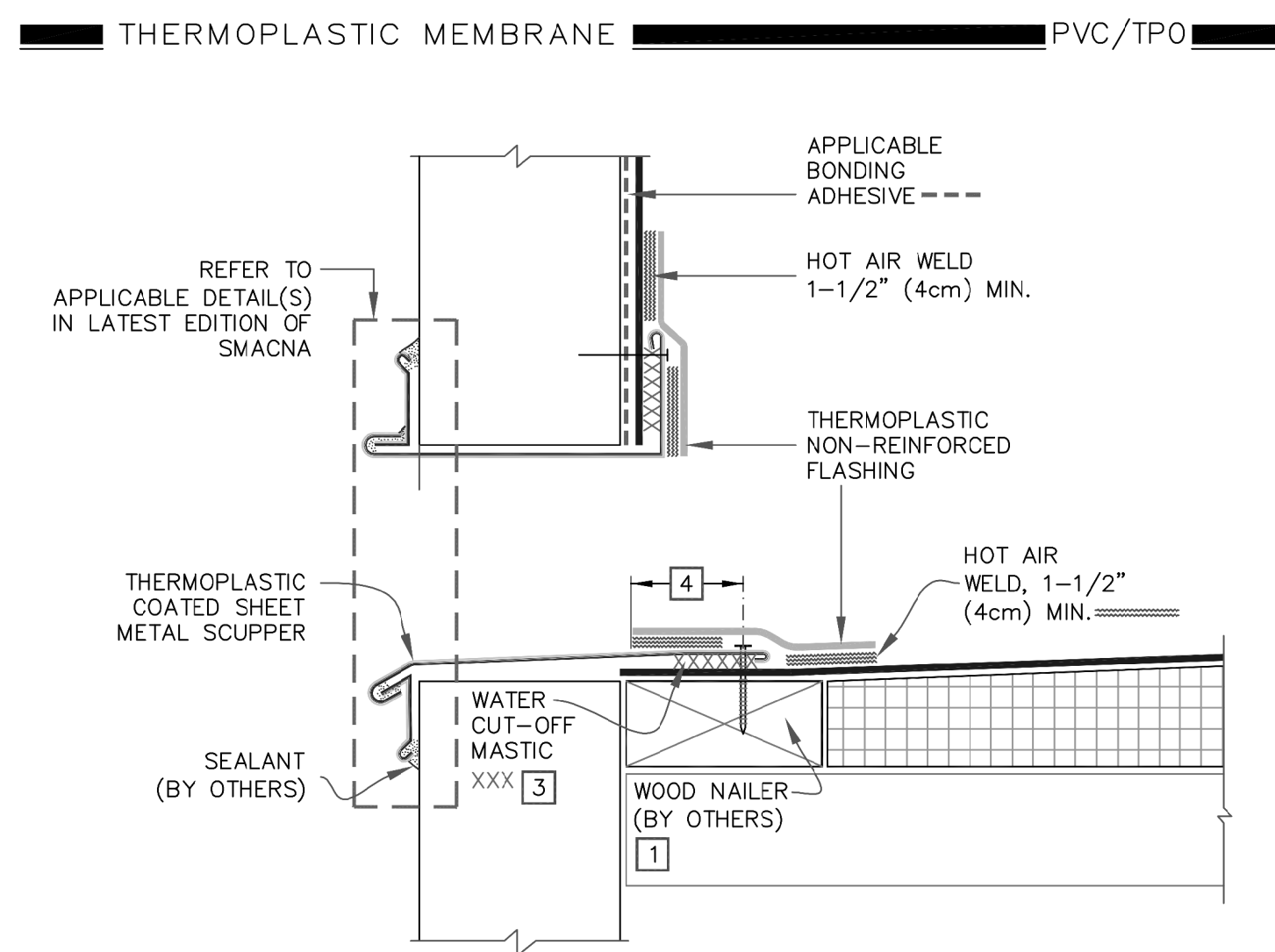


NOTES:

- ROOF DRAIN SIZE AND NUMBER OF DRAINS SHALL BE IN ACCORDANCE WITH THE LOCAL CODES.
- THE HOLE IN THE MEMBRANE SHALL EXCEED THE DIAMETER OF THE DRAIN PIPE, BUT SHALL BE NO LESS THAN 1/2" (1.5cm) FROM THE ATTACHMENT POINTS OF THE DRAIN CLAMPING RING.
- ALL BOLTS OR CLAMPS MUST BE IN PLACE TO PROVIDE CONSTANT COMPRESSION ON WATER CUT-OFF MASTIC.
- REMOVE EXISTING LEAD, FLASHING MATERIAL & ENSURE THE DRAIN RING IS COMPLETELY CLEAN DOWN TO BARE METAL.
- APPROXIMATELY 1/8" (0.5cm) DIAMETER BEAD OF CUT-EDGE SEALANT IS REQUIRED ON CUT EDGES OF REINFORCED TPO MEMBRANE.

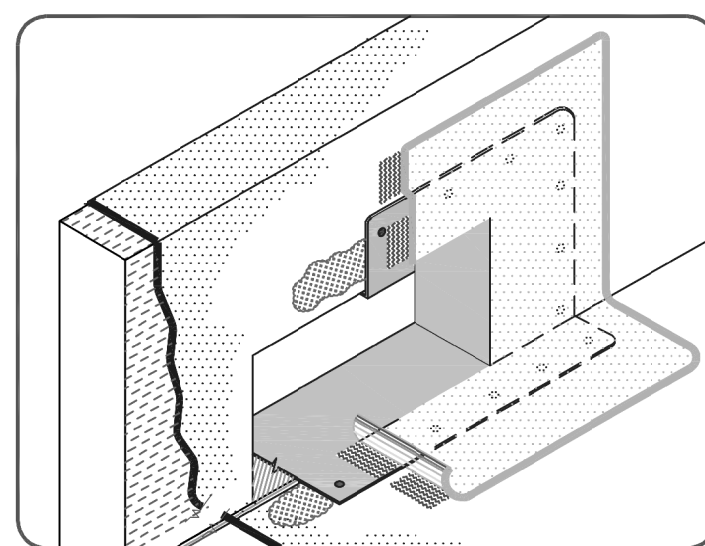


2 ROOF DRAIN DETAIL
SCALE: N.T.S

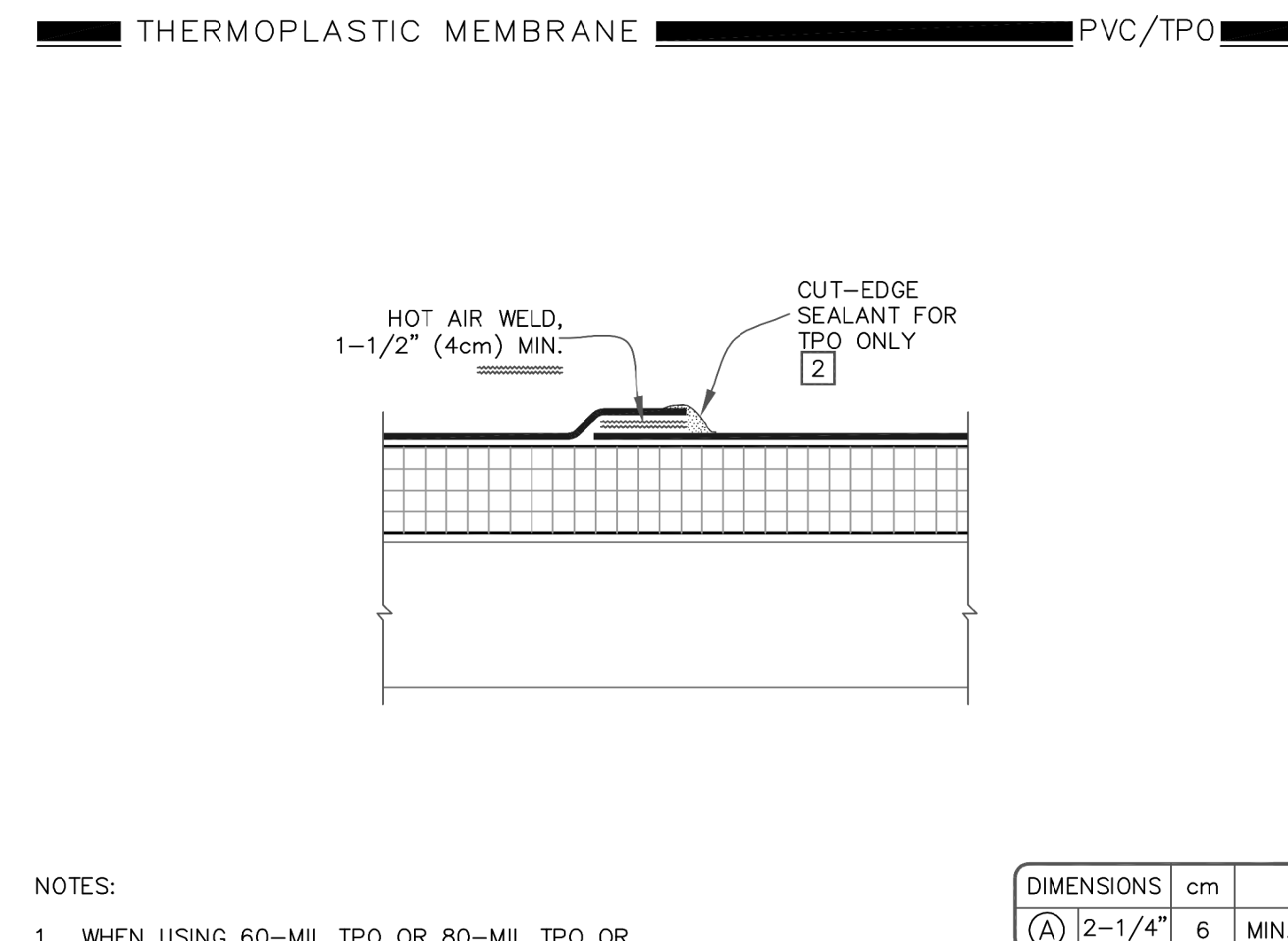


NOTES:

- WOOD NAILERS ARE INSTALLED AT SCUPPERS TO SECURE METAL SLEEVE AND MUST EXTEND PAST THE WIDTH OF METAL SLEEVE FLANGE.
- METAL SCUPPER BOX MUST HAVE CONTINUOUS FLANGES WITH ROUNDED CORNERS. SOLDER ALL SCUPPER SEAMS WATER-TIGHT.
- WATER CUT-OFF MASTIC UNDER SCUPPER FLANGES MUST BE UNDER CONSTANT COMPRESSION.
- SCUPPER FLANGES MUST BE TOTALLY COVERED BY NON-REINFORCED FLASHING WITH MINIMUM 2" (5cm) COVERAGE PAST NAIL HEAD.



5 SCUPPER DETAIL
SCALE: N.T.S

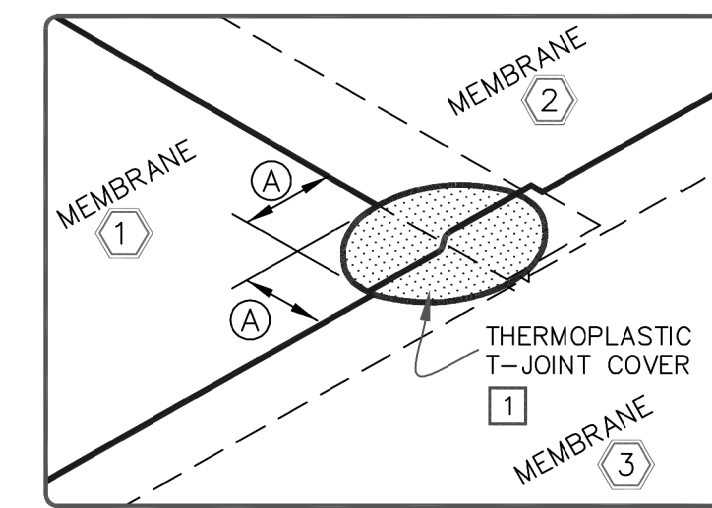


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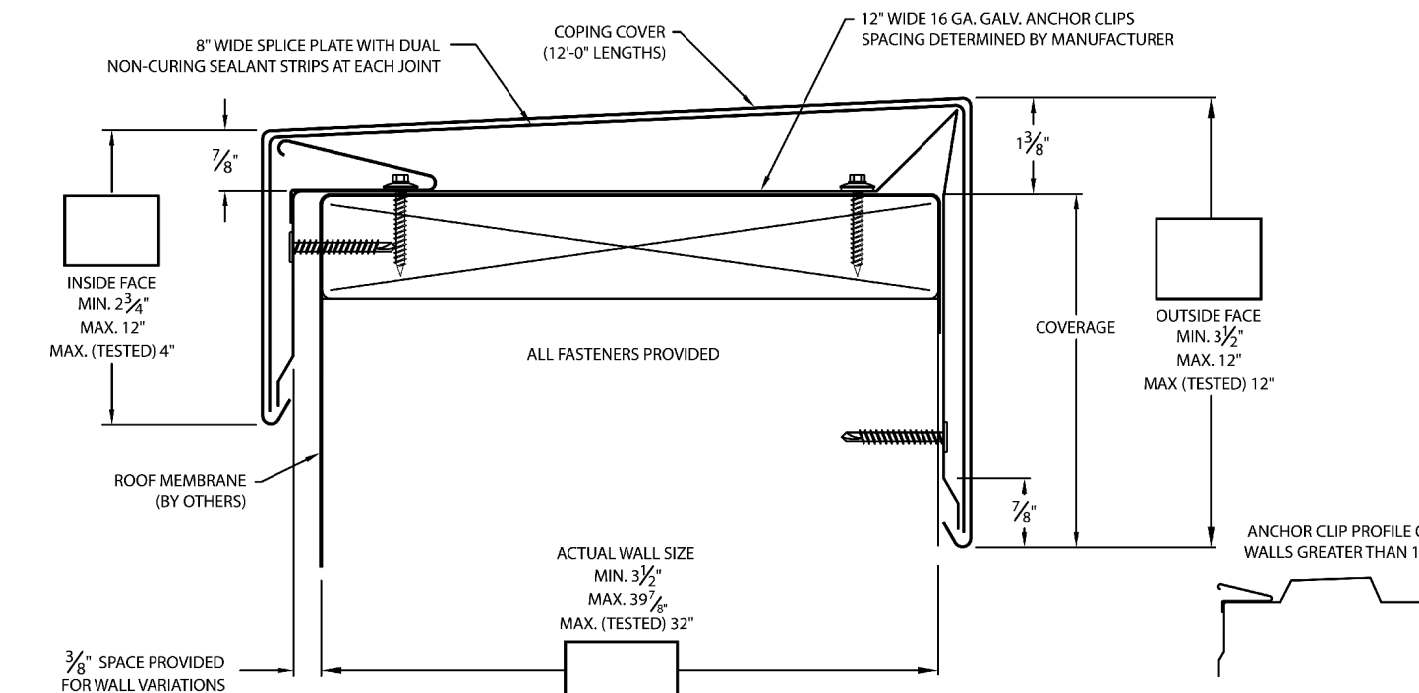
- WHEN USING 60-MIL TPO OR 80-MIL TPO OR PVC MEMBRANE, APPLY A 4-1/2" (11.5cm) DIAMETER "T-JOINT" COVER AT ALL FIELD SPLICE INTERSECTIONS.
- APPROXIMATELY 1/8" (0.5cm) DIAMETER BEAD OF CUT-EDGE SEALANT IS REQUIRED ON CUT EDGES OF REINFORCED TPO MEMBRANE.
- WHEN USING 60-MIL TPO, MAXIMUM WARRANTY IS 20 YEARS

| T-JOINT REQUIREMENTS | | | |
|----------------------|-----------|-----|-----|
| MEMBRANE | THICKNESS | | |
| | 45/50 | 60 | 80 |
| PVC | N/A | N/A | YES |
| KEE HP | N/A | N/A | YES |
| TPO | N/A | YES | YES |

| DIMENSIONS | | cm | MIN. |
|------------|--------|----|------|
| (A) | 2-1/4" | 6 | |

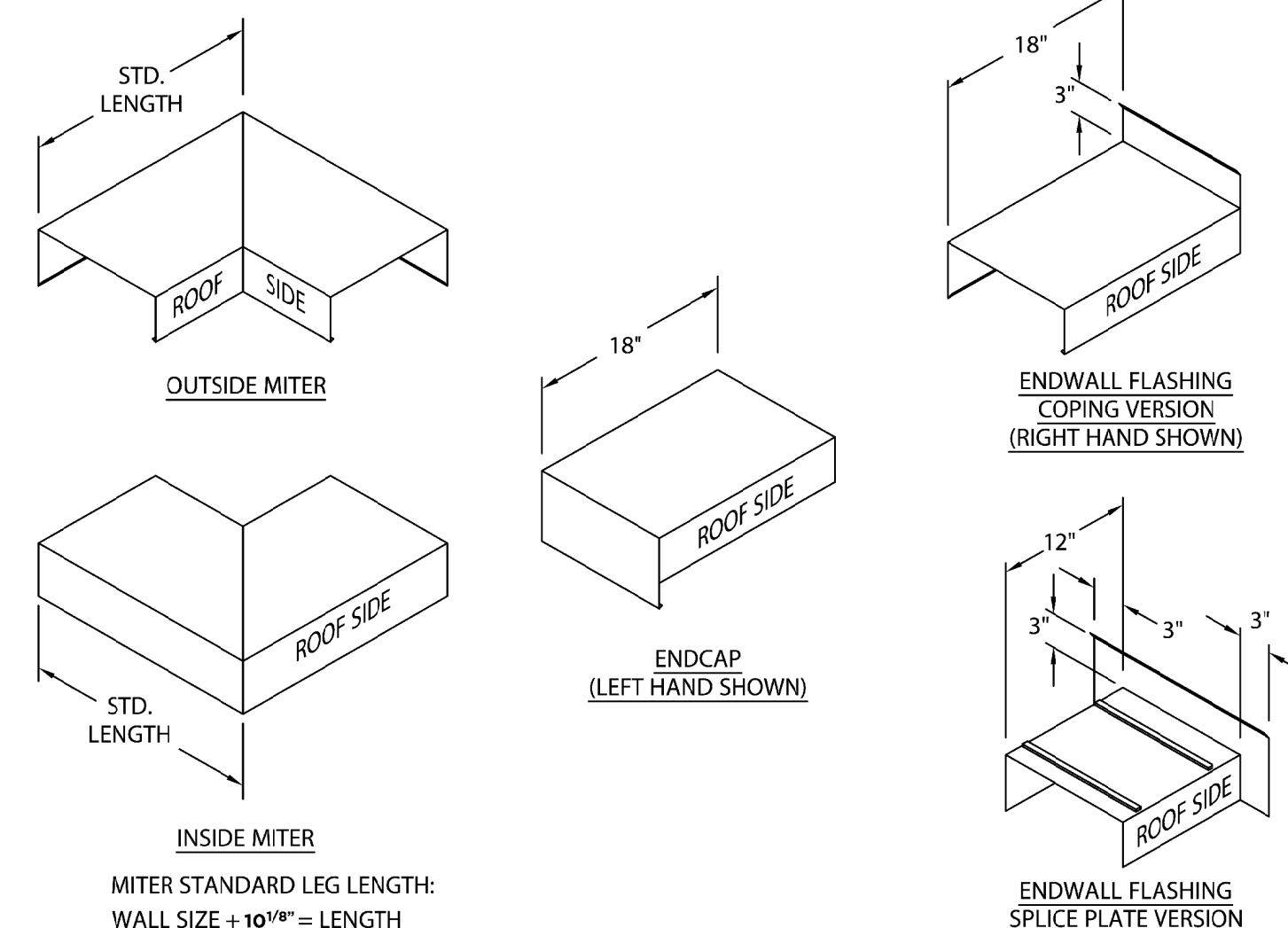


3 MEMBRANE SPLICE DETAIL
SCALE: N.T.S



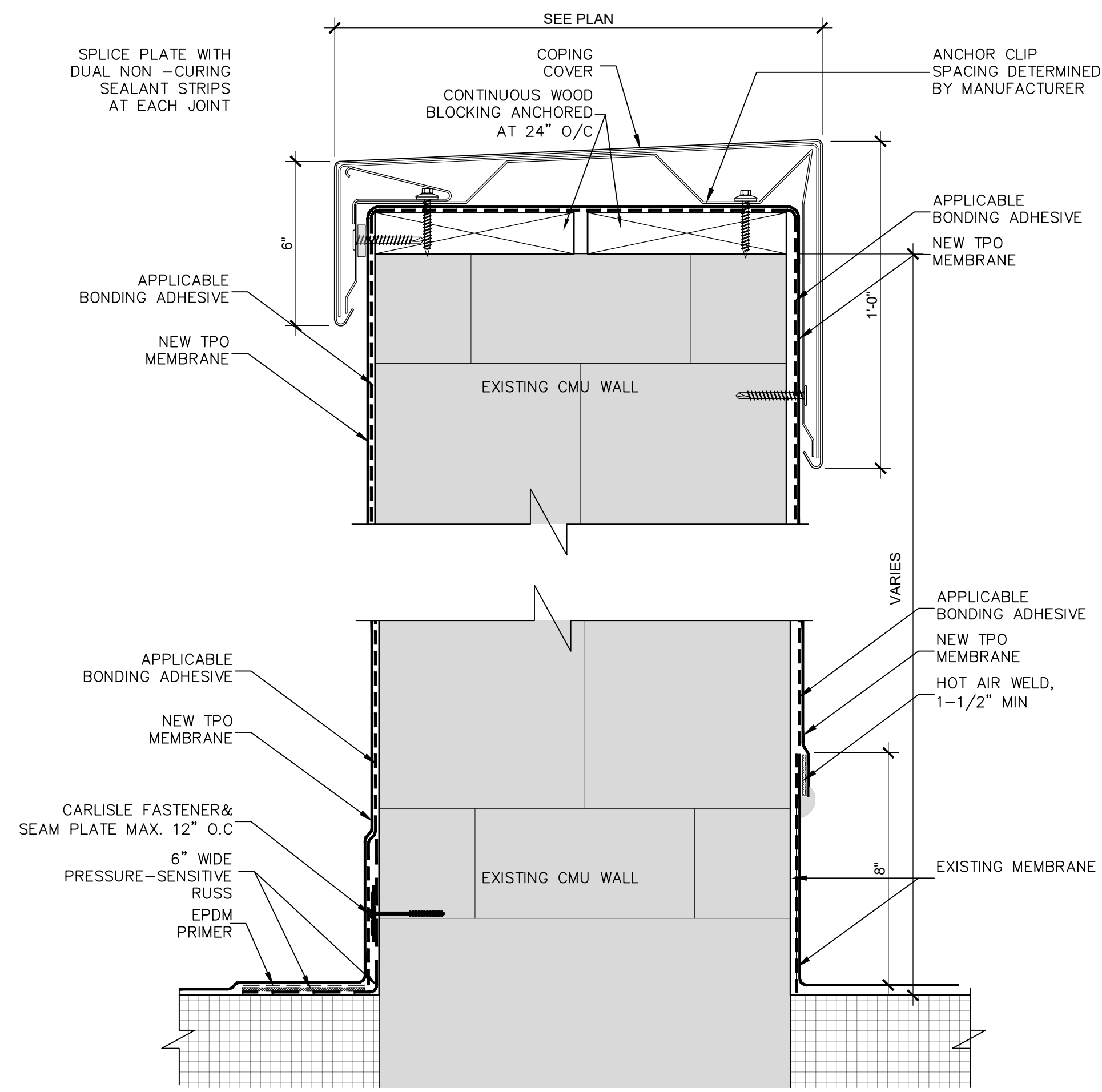
* NOTES

- Oil canning can occur on larger face heights and wall widths; recommend 22 Ga., .050" or .063" Aluminum for face height over 8" or wall width over 12".
- 24 ga. Galv and .040" Aluminum coping covers available for wall sizes of 3.5" to 24" ONLY.
- Unless otherwise noted, fabrication of miters and accessories are furnished standard utilizing a non-penetrating quicklock joint, then factory sealed watertight.
- Welded accessories require a minimum material thickness of .050" Aluminum
- For non-90 miters, see separate print approval
- Product should be installed per provided installation instructions
- ANS/SPRI/FM 4435/ES-1 test pressures up to 297 psf (Horizontal) and 513 psf (Vertical)



6 COPING DETAIL VERIFY COPING DIMENSION IN FIELD.
SCALE: N.T.S

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1 PARAPET COPING WITH CONTINUOUS MEMBRANE TIE-IN
SCALE: N.T.S

MOBILE AIRPORT AUTHORITY BUILDING ASSESSMENTS

AIRBUS AMERICAS ENGINEERING BUILDING

1801 S BROAD ST., MOBILE, AL 36615

MOBILE, ALABAMA

SHEET TITLE:

ROOF
DETAILS

SHEET NUMBER:

A500.1