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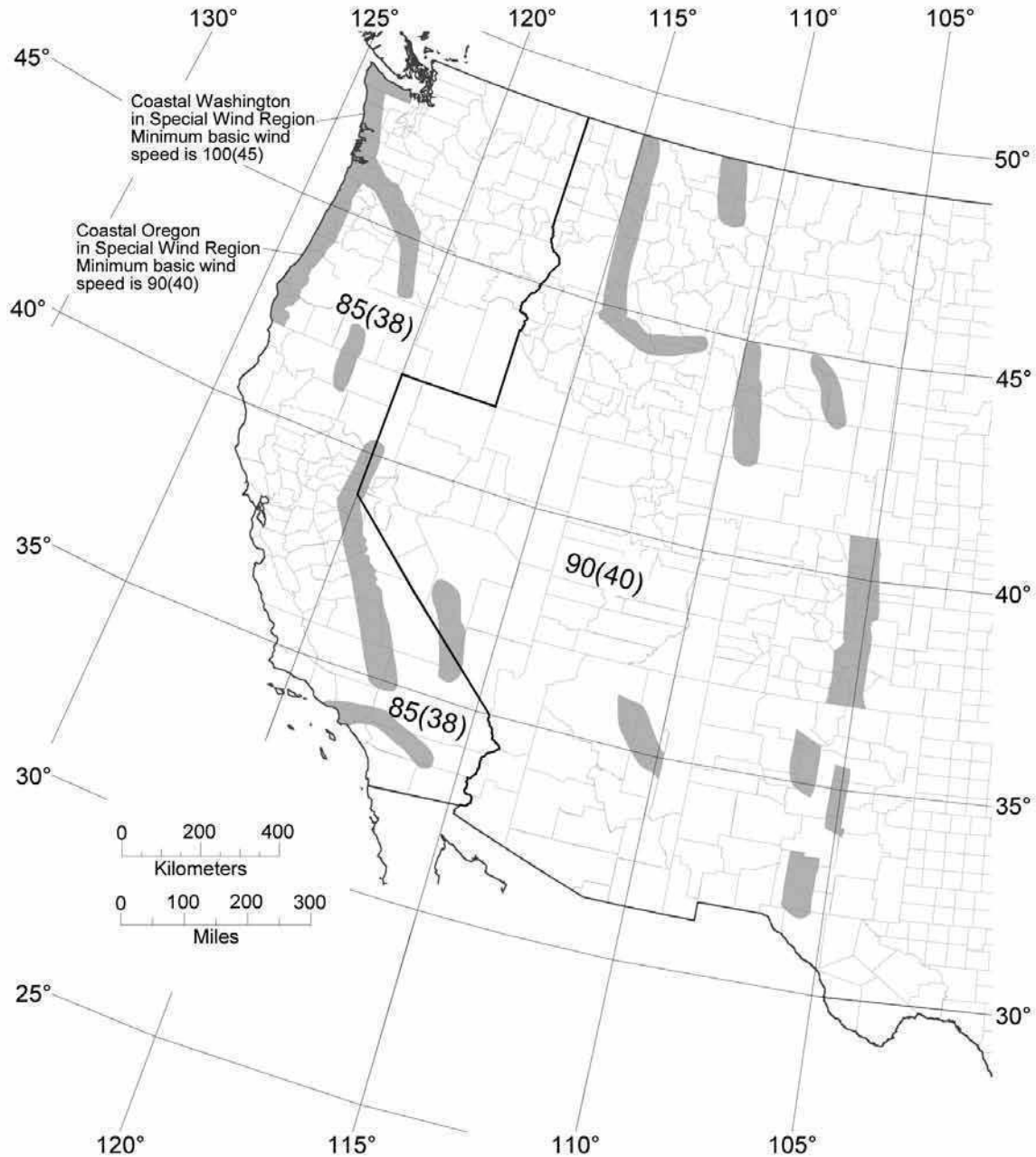
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ISOTACH (MPH) MAP OF WESTERN UNITED STATES



NOTE: THE FOLLOWING MAP IS PROVIDED TO ASSIST WIND ENGINEERS, DESIGN PROFESSIONALS, AND AUTHORITIES HAVING JURISDICTION (AHJ) GENERIC LOCALIZED WIND SPEEDS FOR EXTRAPOLATION OF FASTENING PATTERNS FOR SINGLE-PLY MEMBRANES BASED ON ASCE/SEI-07 AND ANSI/SPRI WD-1. IT IS BASED ON THE 100-YEAR MEAN REOCCURRENCE INTERVAL AND ANNUAL EXTREME FOR ELEVATIONS UP TO 30 FT. ABOVE GROUND LEVEL (OR FINISHED GRADE). ILLUSTRATION TAKEN FROM FM GLOBAL'S WEBSITE.

PROJECT NAME:

TITLE:

MW-1 WIND ISOTACH (MPH) MAP OF WESTERN UNITED STATES

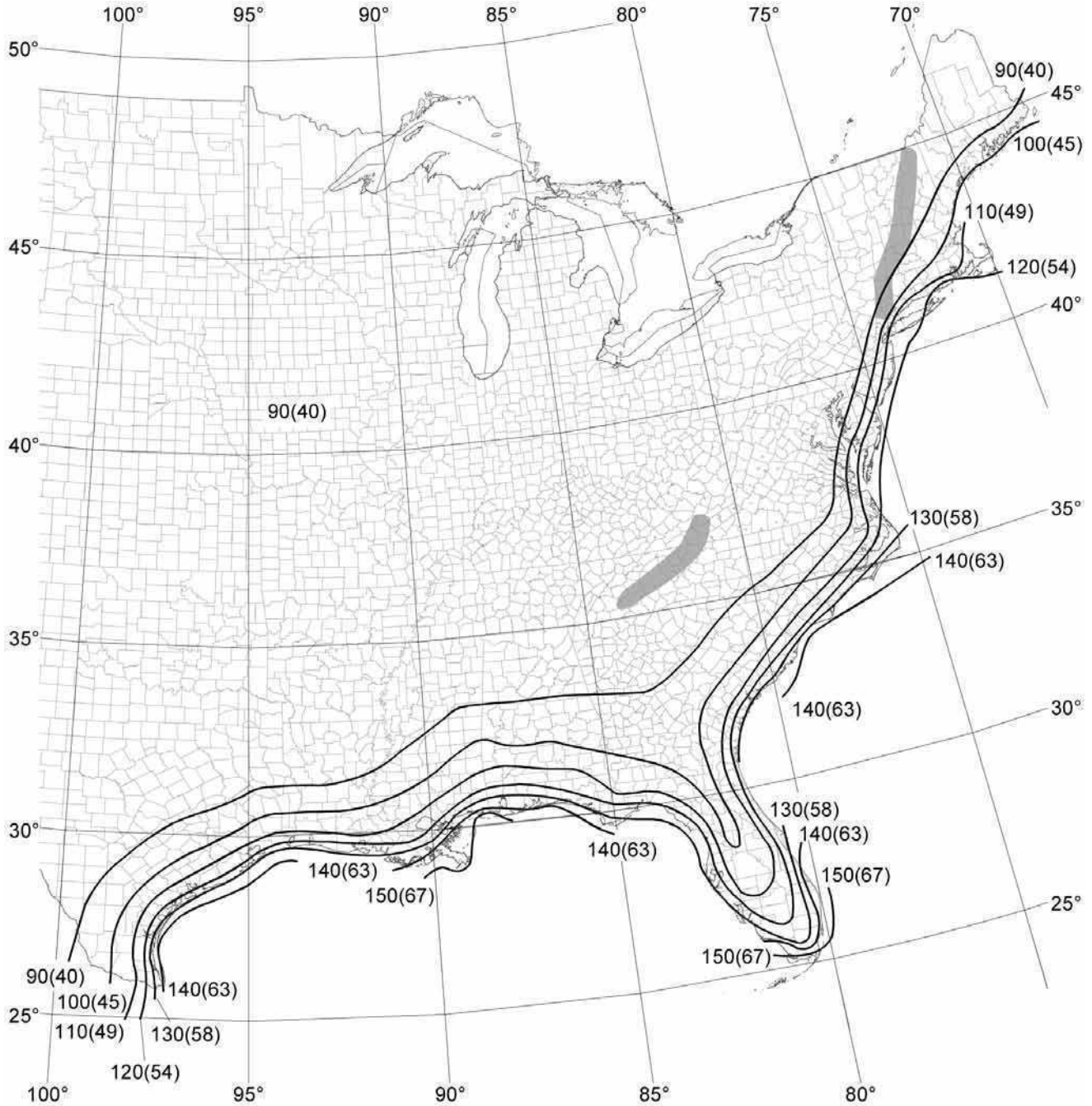
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ISOTACH (MPH) MAP OF EASTERN UNITED STATES



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TITLE:

MW-2 WIND ISOTACH (MPH) MAP OF EASTERN UNITED STATES

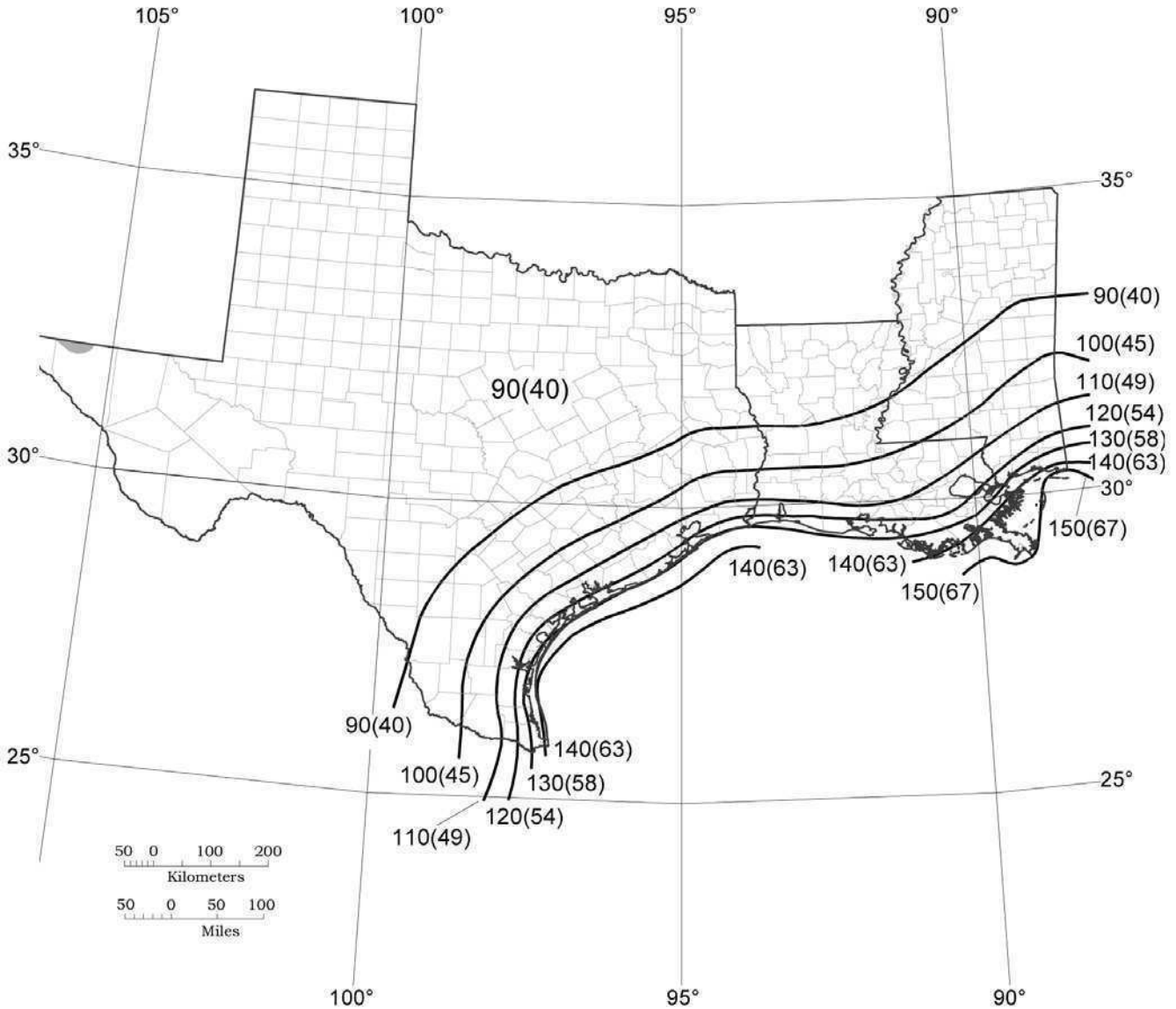
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ISOTACH (MPH) MAP OF THE GULF STATES



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PROJECT NAME:

TITLE:

MW-3 WIND ISOTACH (MPH) MAP OF THE GULF STATES

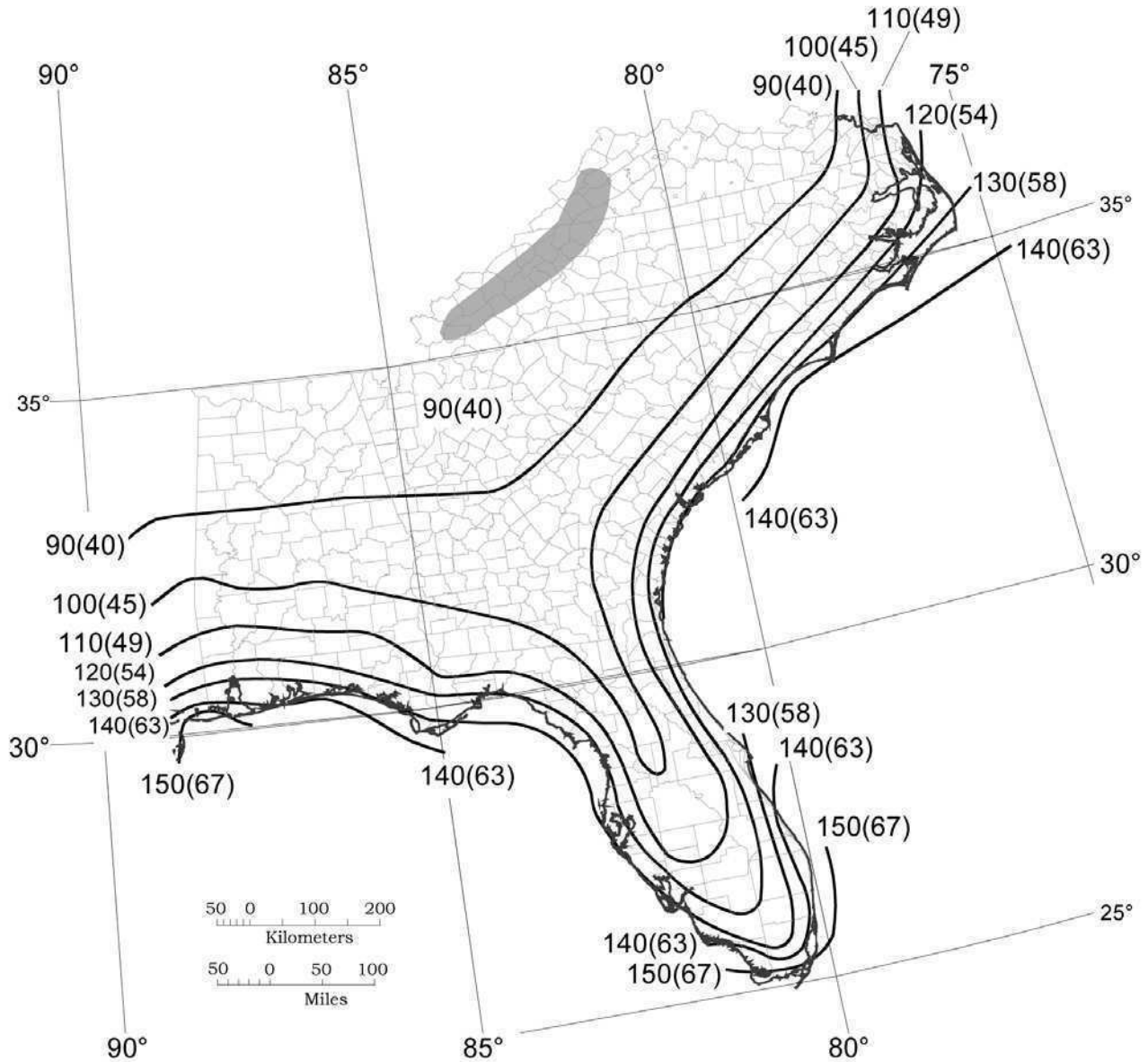
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ISOTACH (MPH) MAP OF FLORIDA



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PROJECT NAME:

TITLE:

MW-4 WIND ISOTACH (MPH) MAP OF FLORIDA

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ISOTACH (MPH) MAP OF NORTH EASTERN UNITED STATES



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PROJECT NAME:

TITLE:

**MW-5 WIND ISOTACH (MPH) MAP OF
NORTH EASTERN UNITED STATES**

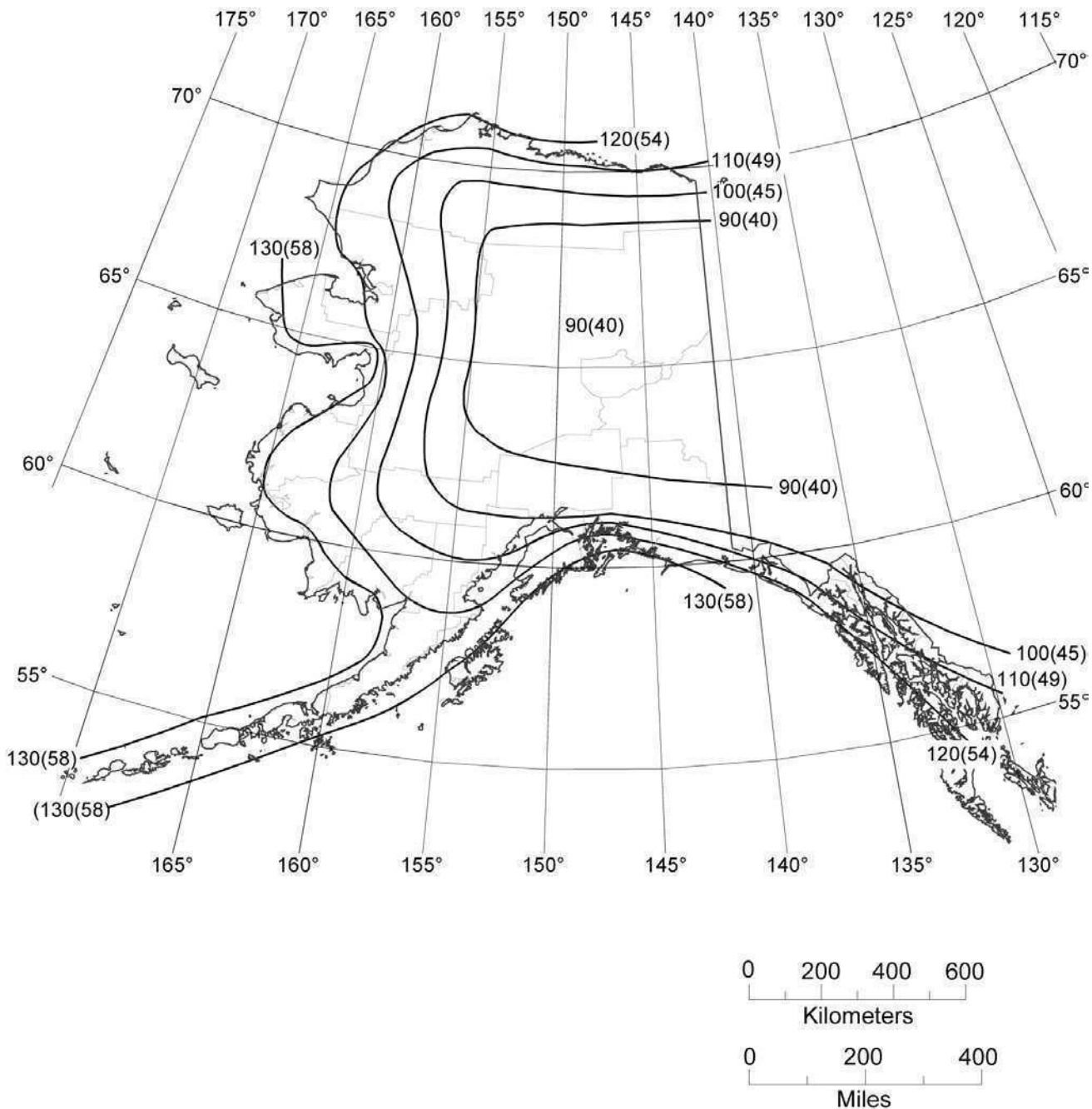
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ISOTACH (MPH) MAP OF ALASKA



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PROJECT NAME:

TITLE:

MW-6 WIND ISOTACH (MPH) MAP OF ALASKA

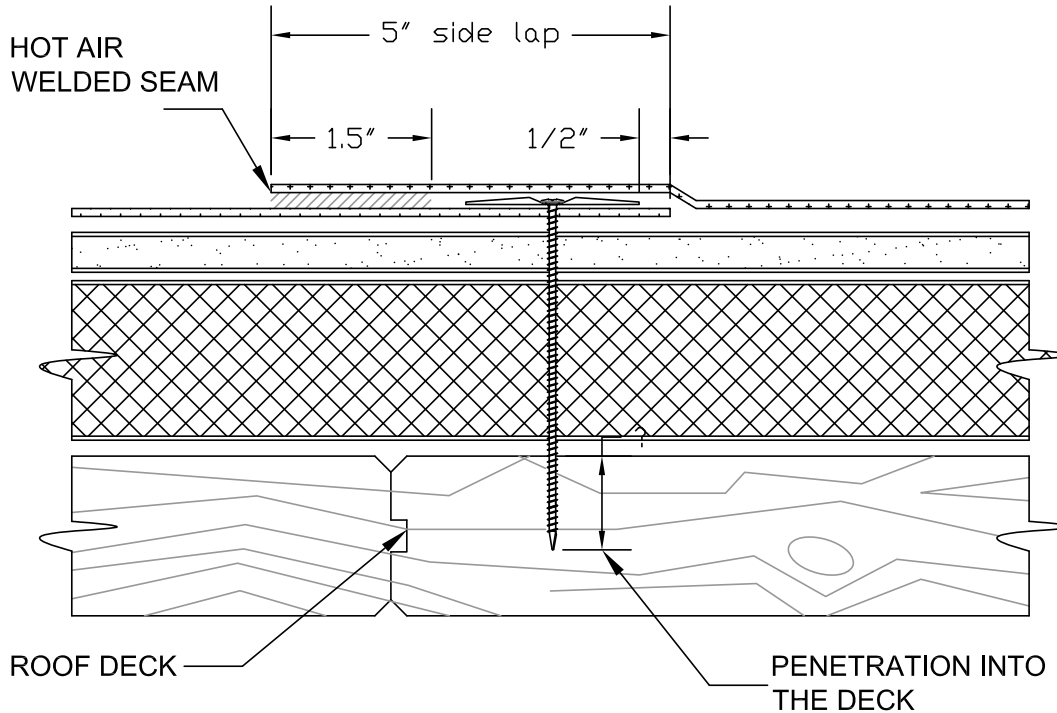
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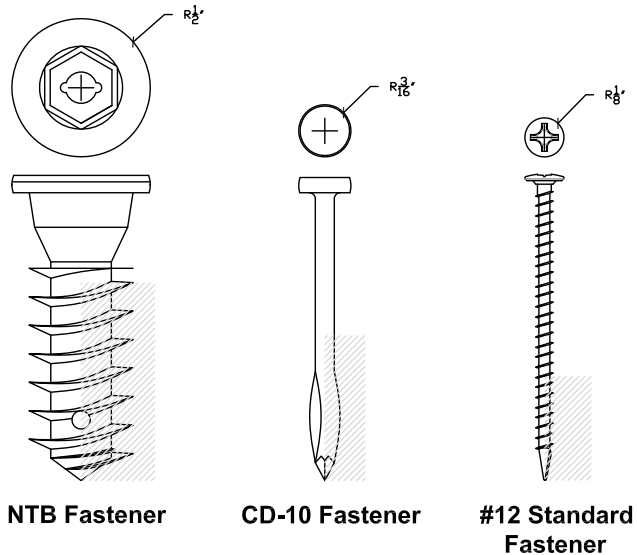
FASTENING PATTERN: SCREWS AND PLATES



Minimum Fastener Penetrations Into Roof Decks (Standard Attachment):

- 1/2", 5/8", 3/4" Plywood or Oriented Strand Board: 1" completely through using #14 HD or #15 XHD Screws
- 1" min. Wood Plank: 1" completely through the roof deck using #14 HD or #15 XHD Screws
- Structural Concrete: 1" penetration using CD-10
- Light Weight Insulating Concrete: 2-1/4" Using NTB
- Steel: 3/4" completely through top flute using #14 HD or #15 XHD Screws

| Minimum Pull Values for Fasteners | |
|-----------------------------------|----------|
| >15/32" OSB | 220 lbs. |
| >15/32" 5-ply Plywood | 375 lbs. |
| 1" Wood | 500 lbs. |
| 22 ga. Steel | 500 lbs. |
| 24 ga. Steel | 325 lbs. |
| Concrete | 700 lbs. |



PROJECT NAME:

TITLE:

**MA-1 FASTENING PATTERN:
SCREWS AND PLATES**

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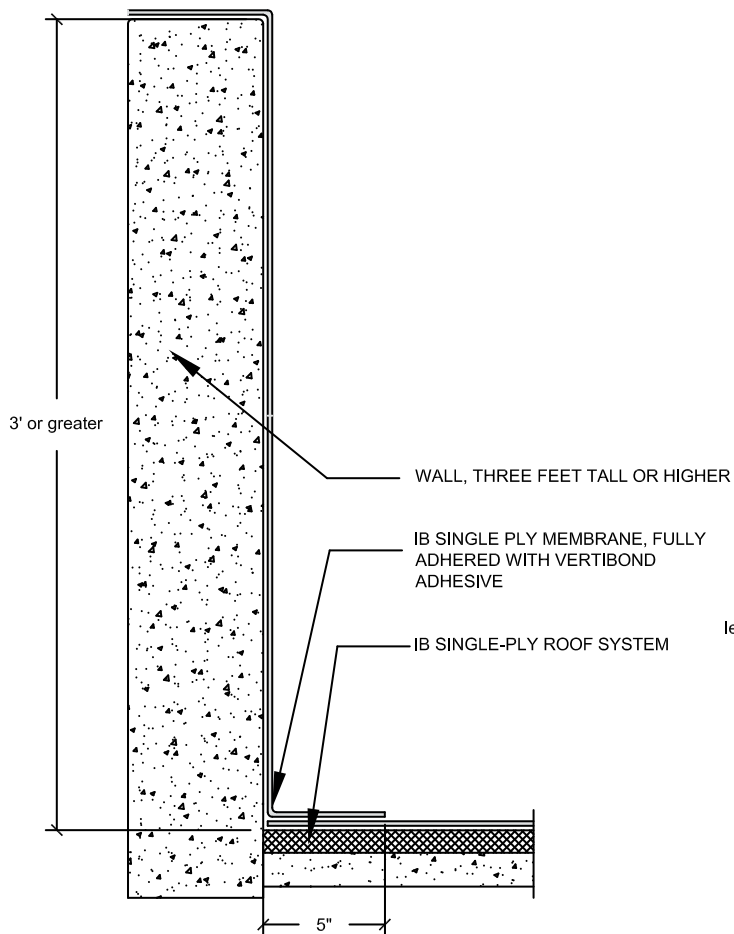
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APPROVED BY:

DRAWN BY: A.SCHWAB

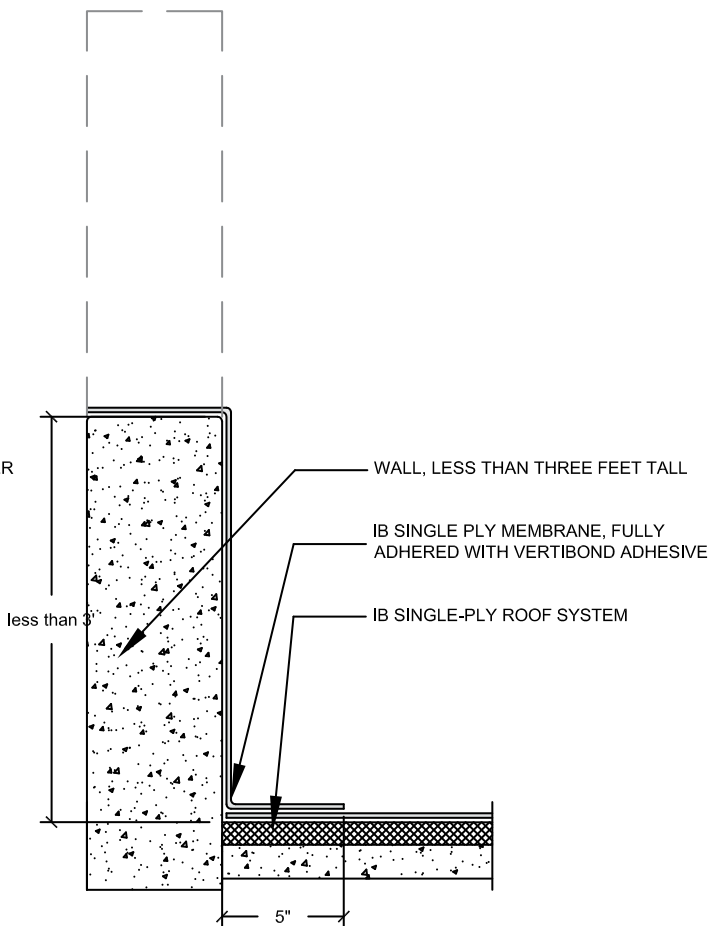
PLOT DATE: 11-08
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DETERMINING WHETHER YOU HAVE A CORNER ZONE:



NO CORNER REQUIRED

** WALLS IN EXCESS OF THREE FEET TALL
DO NOT HAVE A CORNER ZONE.



CORNER REQUIRED

** WALLS LESS THAN THREE FEET TALL HAVE
CORNER ZONES.

PROJECT NAME:

TITLE:

MA-2 DETERMINING CORNERS

** Click here to link to the AutoCAD™ drawing*

SCALE: NTS

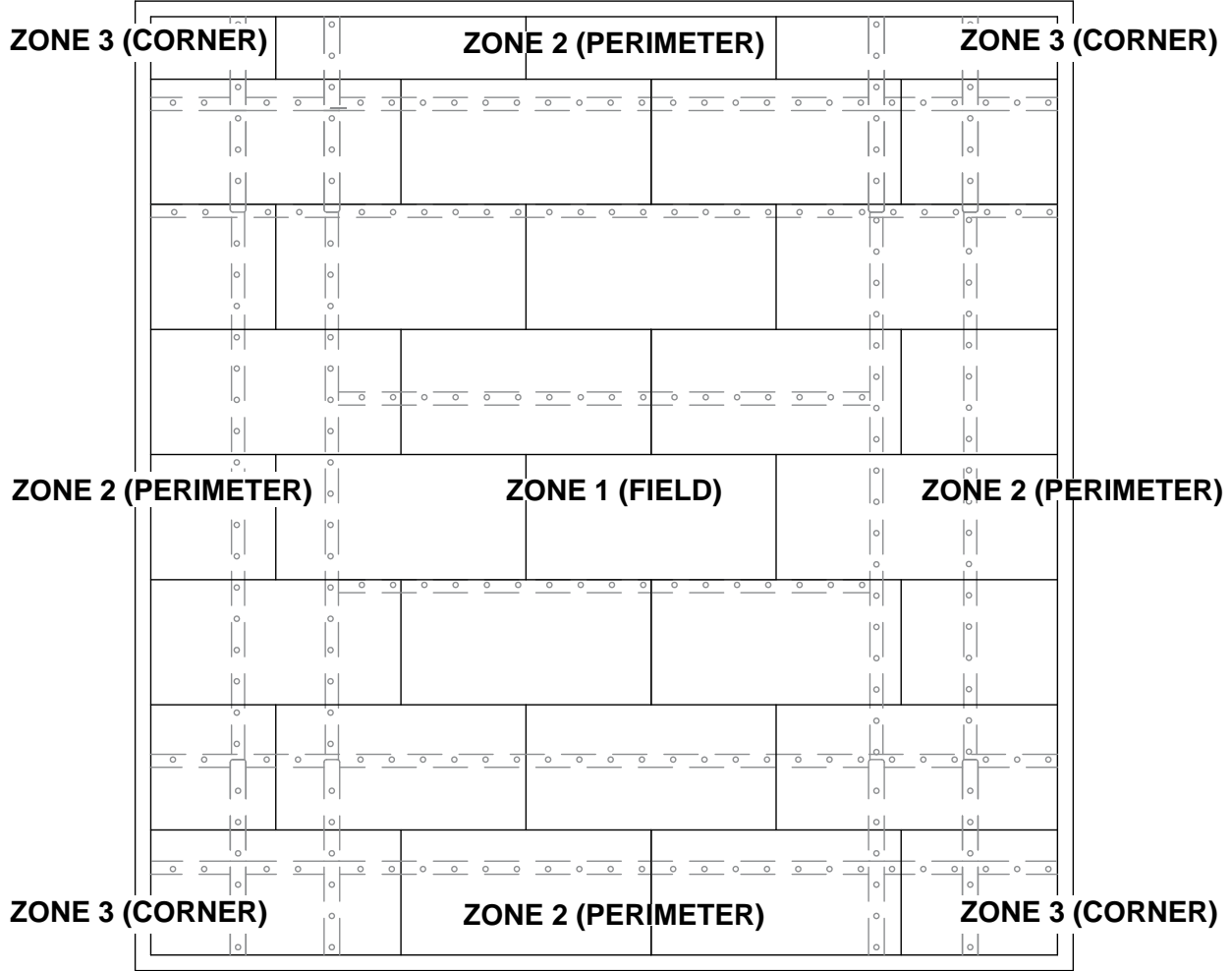
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TYPICAL INSULATION LAYOUT



PERIMETER HALF SHEETS CALCULATIONS FOR MECHANICALLY ATTACHED SYSTEMS (ENTER YOUR BUILDING DIMENSIONS):

Half Sheets

| | | | |
|------------------|-------|-----------------------|--|
| Building Length: | x .1= | ft. than divide by 3= | (rounded off to the next whole number) |
| Building Width: | x .1= | ft. than divide by 3= | (rounded off to the next whole number) |
| Building Height: | x .4= | ft. than divide by 3= | (rounded off to the next whole number) |

The smallest number is the number of half sheets needed.

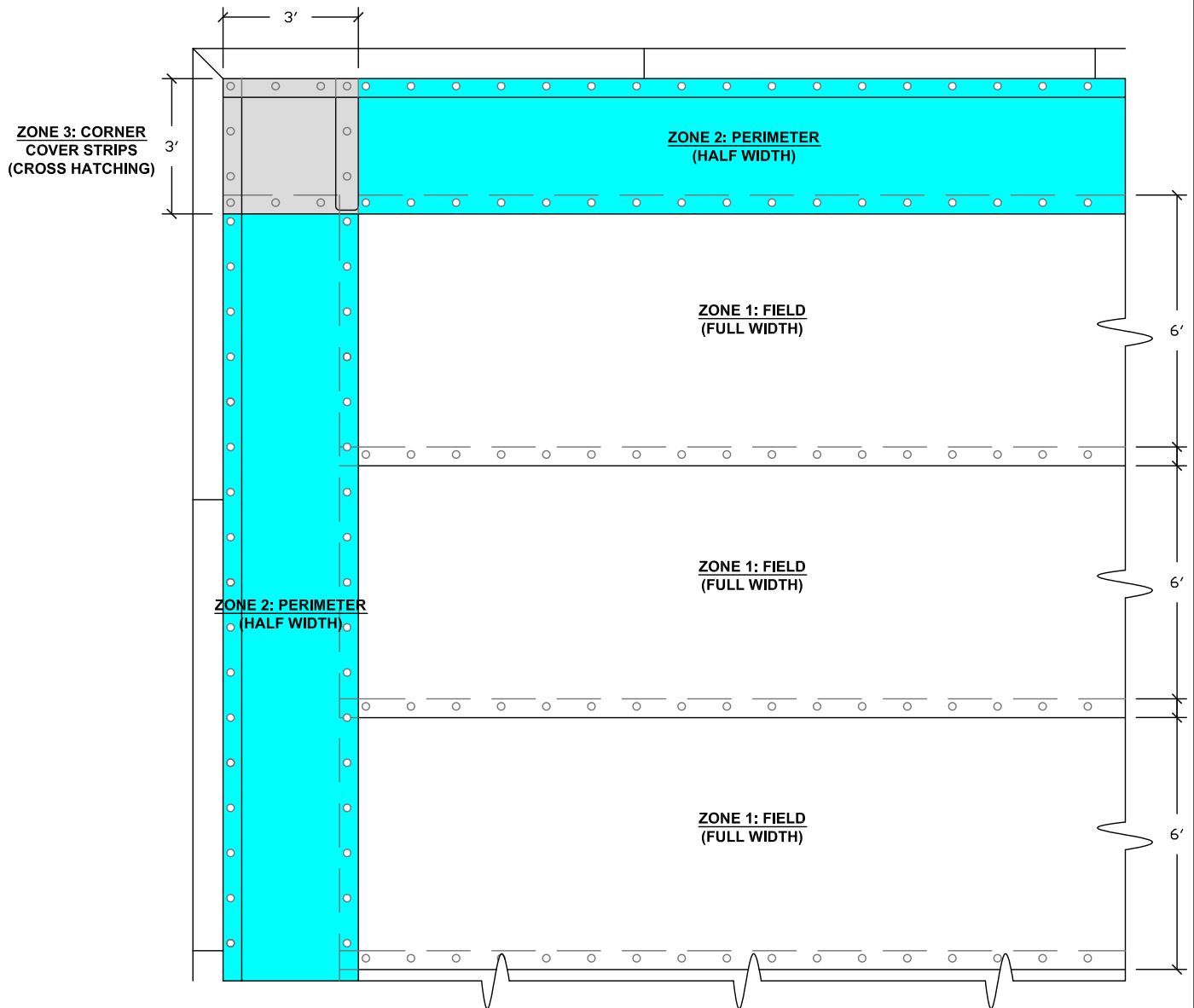
** Half sheets are always to be rounded off to the nearest half sheets. All commercial projects are to receive a minimum of two (2) half sheets (typically on structures up to 12 feet in height. Consult IBRS for assistance.

NOTES:

1. ALL INSULATION SIDE AND END JOINTS ARE TO BE OFFSET A MINIMUM OF 12" FROM THE UNDERLYING LAYER OF INSULATION TO PREVENT THERMAL SHORTCUTS WITHIN THE INSULATION SYSTEM.
2. ABOVE ILLUSTRATION SHOWS 4'X 8' INSULATION/THERMAL BARRIER/COVER-BOARD. WHEN ADHERING THE INSULATION USING AN INSULATION ADHESIVE (TITE-SET, I-BOND, SPOT SHOT, OLYBOND 500, OR INSTASTIK) OR STEEP SLOPE ROOFING ASPHALT, MAXIMUM BOARD SIZE IS 4'X 4'.
3. HIDDEN LINES SHOW THE TYPICAL LAYOUT OF THE IB ROOF OVER THE INSULATION.

| | | | | |
|---------------|---|--------------|--------------------|---|
| PROJECT NAME: | TITLE: MA-3 TYPICAL INSULATION LAYOUT | | | <small>* Click here to link to the AutoCAD™ drawing</small> |
| | SCALE: NTS | APPROVED BY: | DRAWN BY: A.SCHWAB | PLOT DATE: 11-08 REV: AS 11-08 |

ONE HALF SHEET LAYOUT



PROJECT NAME:

TITLE:

MA-4 ONE HALF SHEET LAYOUT

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SCALE: NTS

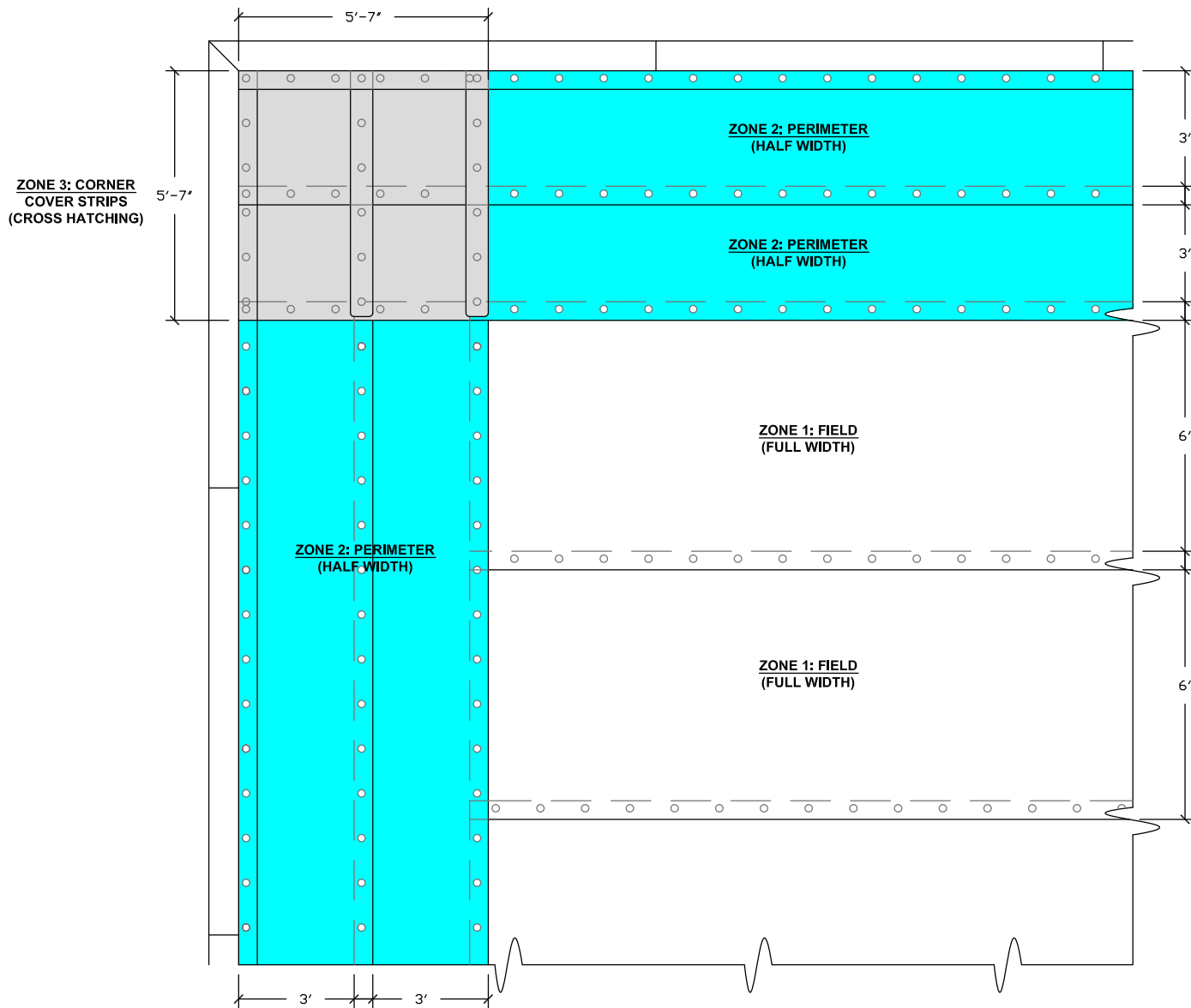
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TWO HALF SHEET LAYOUT



PROJECT NAME:

TITLE:

MA-5 TWO HALF SHEET LAYOUT

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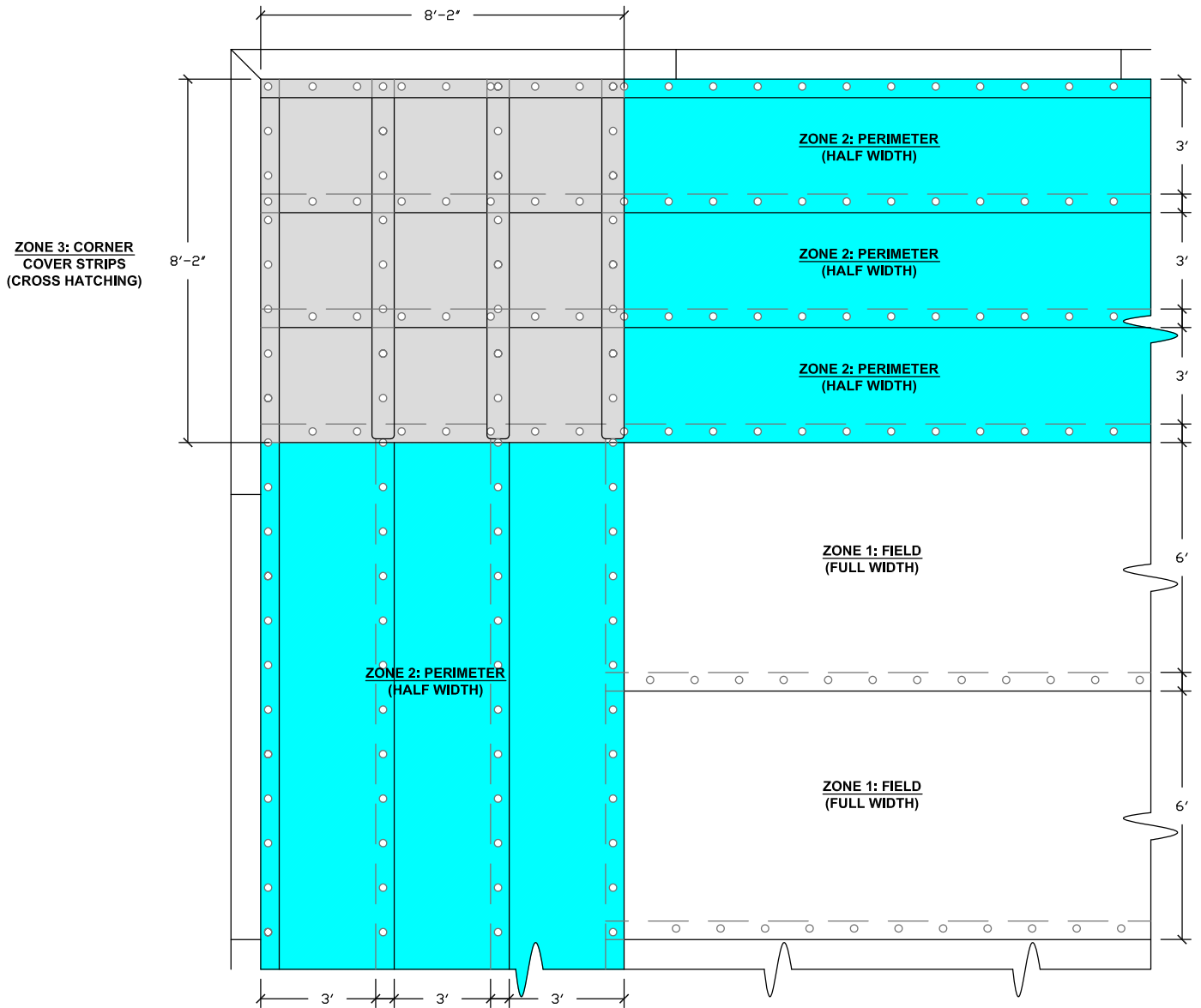
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THREE HALF SHEET LAYOUT



PROJECT NAME:

TITLE:

MA-6 THREE HALF SHEET LAYOUT

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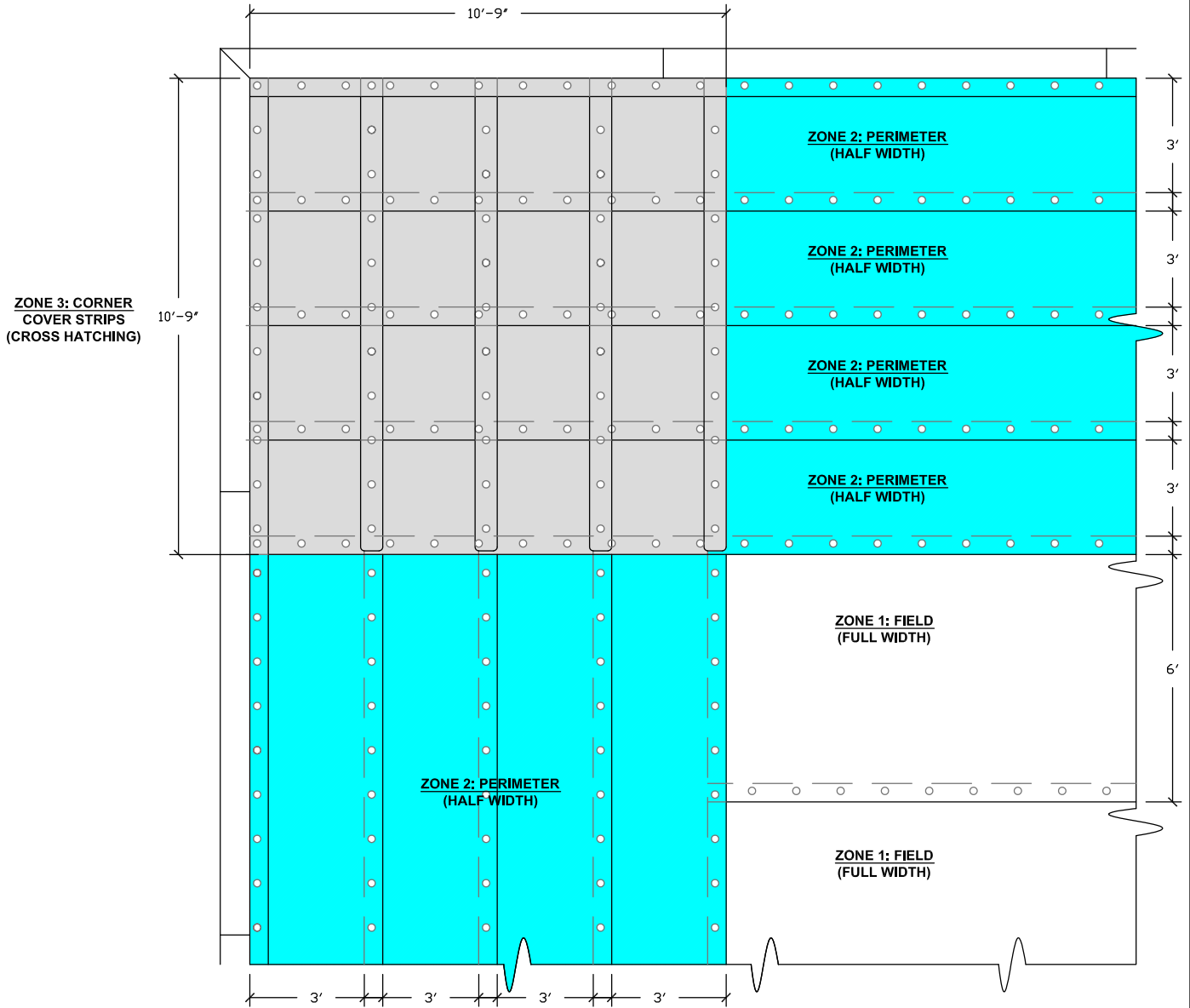
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FOUR HALF SHEET LAYOUT



PROJECT NAME:

TITLE:

MA-7 FOUR HALF SHEET LAYOUT

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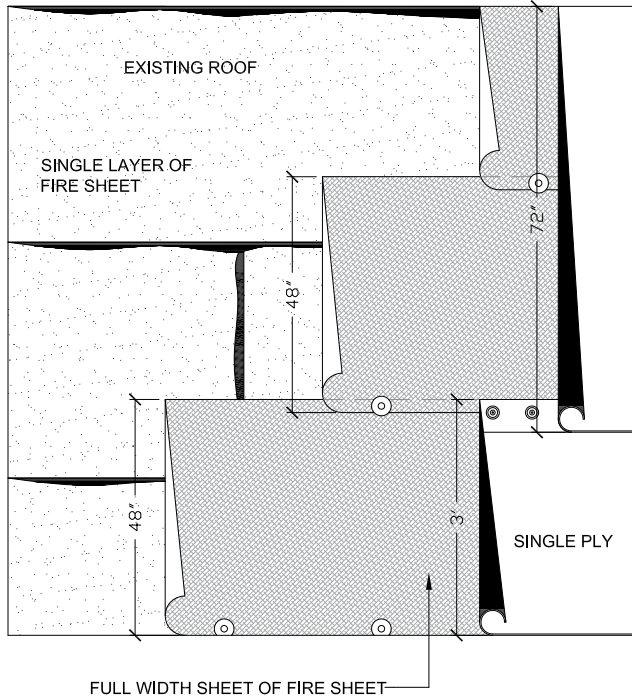
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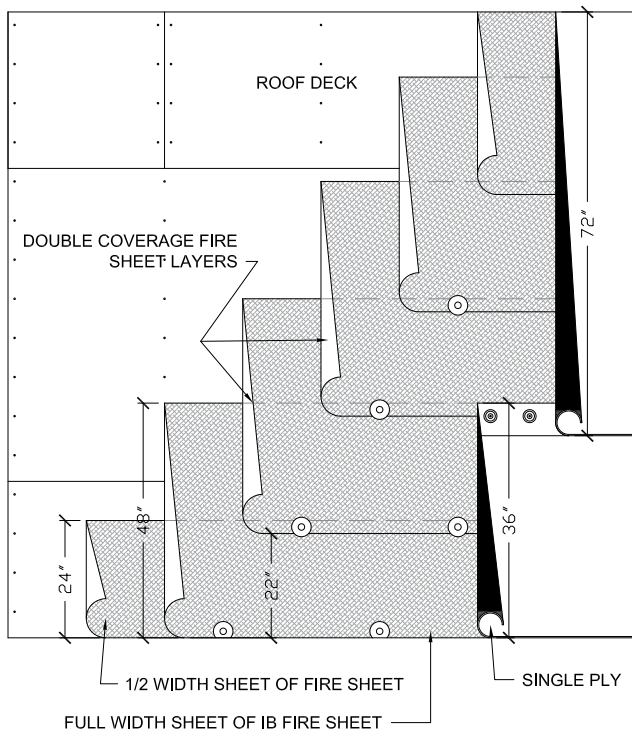
SINGLE LAYER OF FIRE SHEET



| FIRE SHEET | SLOPE | FIRE RATING | LAYERS |
|--------------------------------|--------|---|--------|
| Fire Sheet 10 or Fire Sheet 50 | 0-3/4" | Recover: Maintains existing Fire Rating | 1 |
| Fire Sheet 10 or Fire Sheet 50 | 0-3/4" | New/ Re-Roofs Class 'B' | 1 |

NOTES:

1. Fire Sheet is typically used over combustible roof decks (I.E. plywood/OSB/wood plank) in combination with Single Ply to achieve either a Class 'A' or 'B' Fire Rating. *See graph for requirements.
2. Fire Ratings for IB Roof Systems can be found on the Underwriters Laboratory (UL) website:www.ul.com
3. Fire Sheets are to be attached to the roof deck with #12,#14, #15, or XHD screws and insulation plates. Fastener spacing may vary depending on AHJ.



DOUBLE LAYER OF FIRE SHEET

| FIRE SHEET | SLOPE | FIRE RATING | LAYERS |
|---------------|--------|-------------|--------|
| Fire Sheet 10 | 0-3/4" | Class 'A' | 2 |
| Fire Sheet 50 | 0-3/4" | Class 'A' | 2 |

NOTES:

1. Fire Sheet is typically used over combustible roof decks (I.E. plywood/OSB/wood plank) in combination with Single Ply to achieve either a Class 'A' or 'B' Fire Rating. *See graph for requirements.
2. Fire Ratings for IB Roof Systems can be found on the Underwriters Laboratory (UL) website:www.ul.com
3. Fire Sheets are to be attached to the roof deck with #12,#14, #15, or XHD screws and insulation plates. Fastener spacing may vary depending on AHJ.

PROJECT NAME:

TITLE:

MA-8 FIRE SHEETS

** Click here to link to the AutoCAD™ drawing*

SCALE: NTS

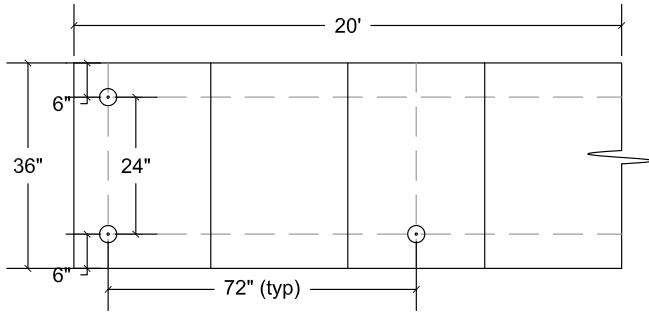
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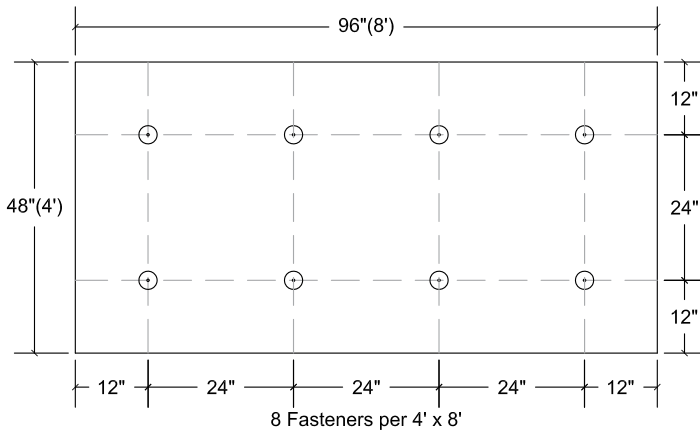
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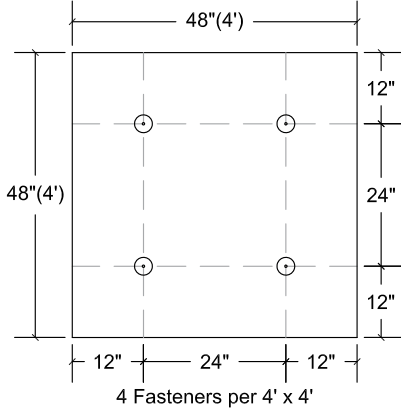
FASTENING PATTERNS FOR INSULATION



FAN-FOLD EPS



**RIGID EPS, XEPS, AND
 POLYISOCYANURATE
 INSULATION**



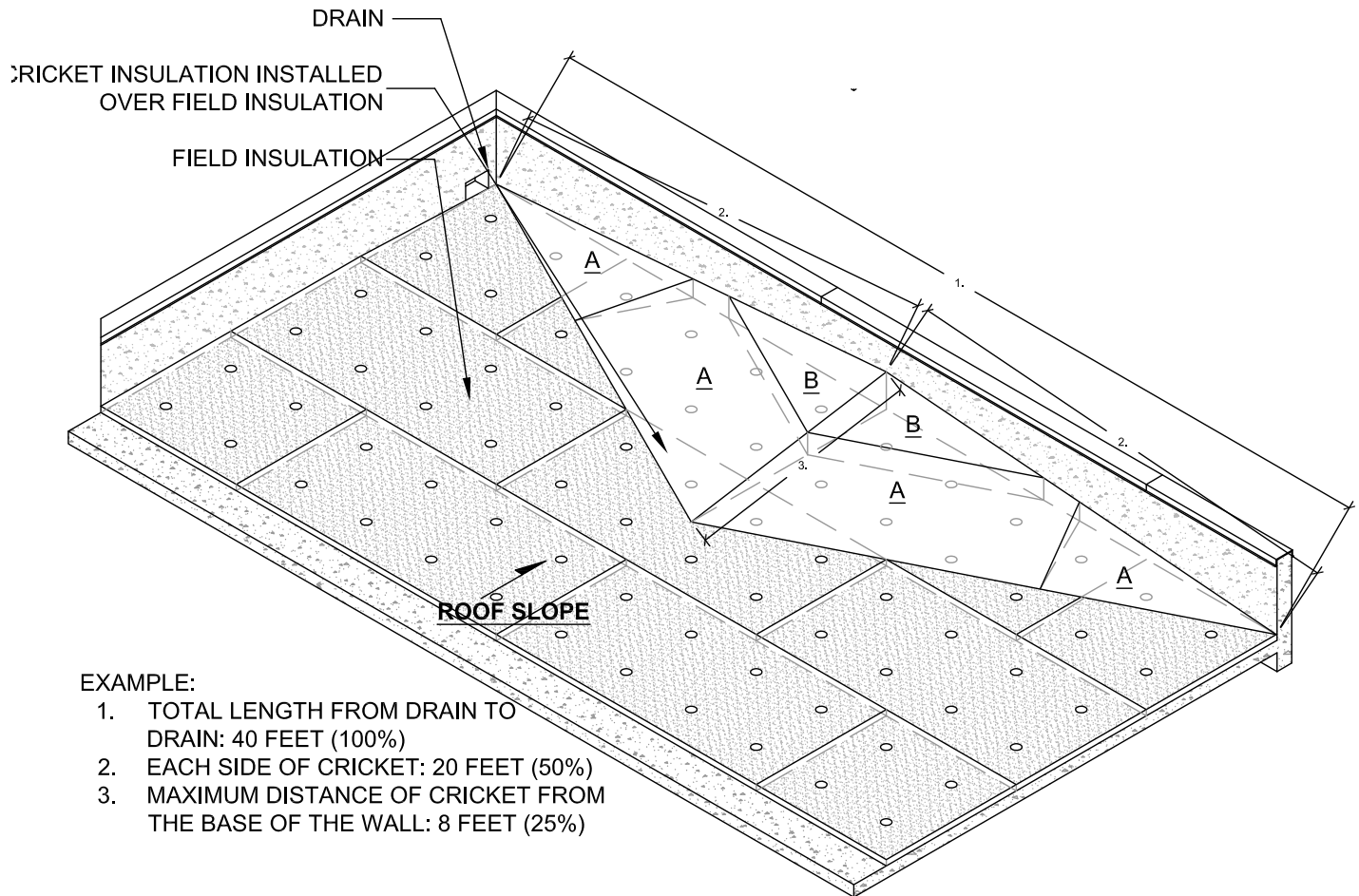
**RIGID EPS, XEPS, AND
 POLYISOCYANURATE
 INSULATION**

NOTES:

1. THE FOLLOWING PATTERNS ARE PROVIDED AS GUIDELINES FOR FASTENER PLACEMENT ON MECHANICALLY ATTACHED IB ROOF SYSTEMS.
2. AN IB SEPARATOR SHEET IS REQUIRED FOR NON-FOIL FACED EPS AND XEPS INSULATIONS AND NON-GLASS RIGID INSULATIONS.
3. RIGID INSULATION AND APPROVED THERMAL BARRIERS USED UNDER A MECHANICALLY ATTACHED IB ROOF SYSTEM ARE TO BE SUPPLEMENTARY ATTACHED WITH 1 FASTENER PER 4 SQUARE FEET, LOCATED A MINIMUM OF 6" FROM THE OUTER SIDES AND ENDS.
4. FAN-FOLD INSULATION USED UNDER MECHANICALLY ATTACHED IB ROOF SYSTEMS ARE TO BE SUPPLEMENTARY ATTACHED WITH 1 FASTENER PER 12 SQUARE FEET.

| | | | | |
|---------------|---|--------------|--------------------|--|
| PROJECT NAME: | TITLE: MA-9 FASTENING PATTERNS FOR INSULATION | | | * Click here to link to the AutoCAD™ drawing |
| | SCALE: NTS | APPROVED BY: | DRAWN BY: A.SCHWAB | |

CRICKET LAYOUT



EXAMPLE:

1. TOTAL LENGTH FROM DRAIN TO DRAIN: 40 FEET (100%)
2. EACH SIDE OF CRICKET: 20 FEET (50%)
3. MAXIMUM DISTANCE OF CRICKET FROM THE BASE OF THE WALL: 8 FEET (25%)

NOTES:

1. INSULATION INSTALLED UNDER THE CRICKET CAN BE ATTACHED WITH 4 PER BOARD IF THE CRICKET IS GOING TO BE ATTACHED WITH APPROVED SCREWS AND INSULATION PLATES PER THE PERIMETER FASTENER PATTERN.
2. CRICKETS THAT ARE TO BE ADHERED TO THE UNDERLYING INSULATION USING AN APPROVED INSULATION ADHESIVE MUST BE MECHANICALLY OR INSULATION ADHERED PER THE PERIMETER AND CORNER ZONE FASTENING REQUIREMENTS.
3. IF THE CRICKET IS TO BE RECEIVING A COVER-BOARD, THE COVER BOARD IS TO BE ATTACHED AS DESCRIBED IN 1 OR 2.

PROJECT NAME:

TITLE:

MA-10 CRICKET LAYOUT

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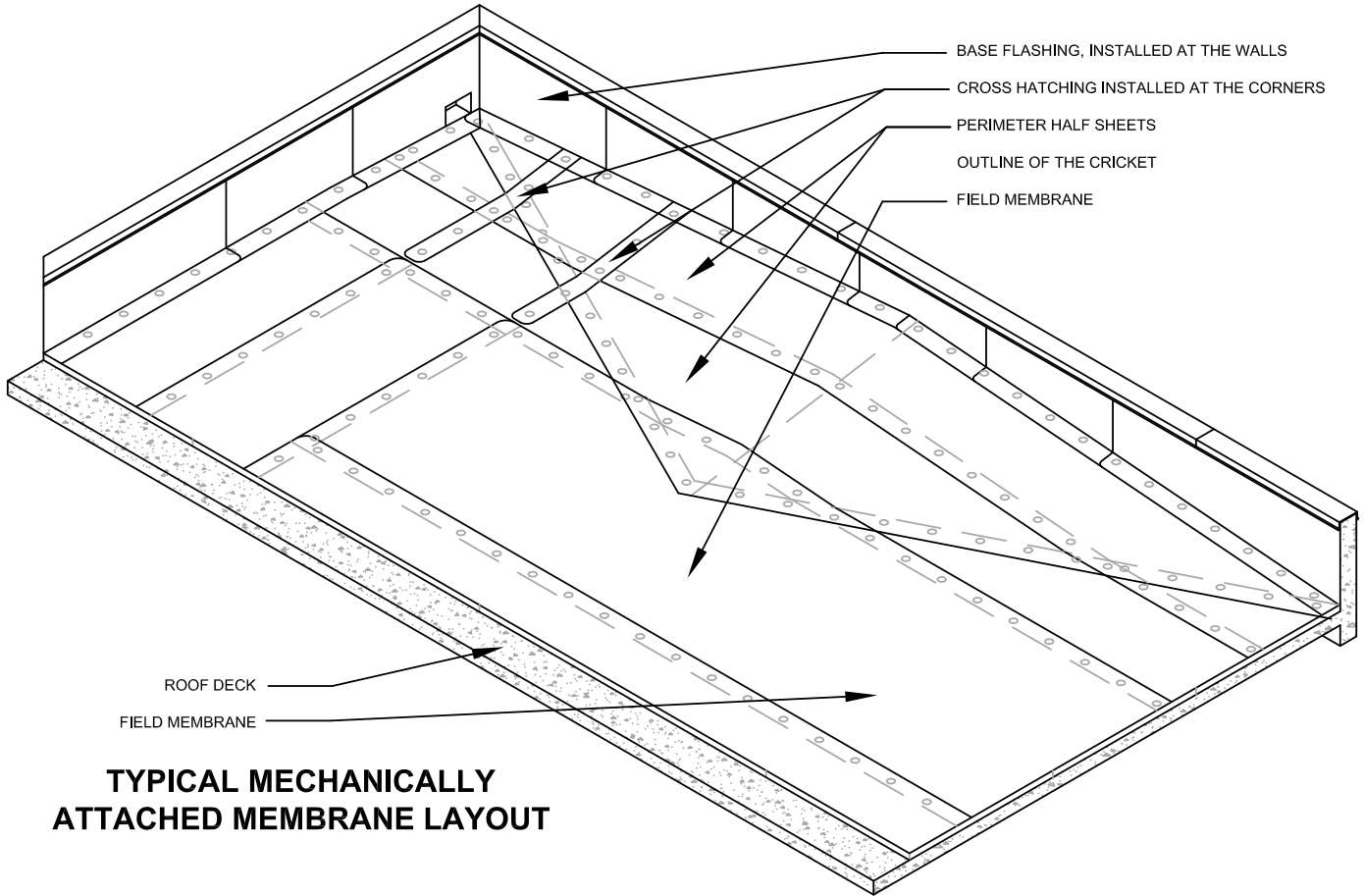
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MEMBRANE CRICKET LAYOUT



TYPICAL MECHANICALLY ATTACHED MEMBRANE LAYOUT

NOTES:

1. INSULATION INSTALLED UNDER THE CRICKET CAN BE ATTACHED WITH 4 PER BOARD IF THE CRICKET IS GOING TO BE ATTACHED WITH APPROVED SCREWS AND INSULATION PLATES PER THE PERIMETER FASTENER PATTERN.
2. CRICKETS THAT ARE TO BE ADHERED TO THE UNDERLYING INSULATION USING AN APPROVED INSULATION ADHESIVE MUST BE MECHANICALLY OR INSULATION ADHERED PER THE PERIMETER AND CORNER ZONE FASTENING REQUIREMENTS.
3. IF THE CRICKET IS TO BE RECEIVING A COVER-BOARD, THE COVER BOARD IS TO BE ATTACHED AS DESCRIBED IN 1 OR 2.

PROJECT NAME:

TITLE:

MA-11 MEMBRANE CRICKET LAYOUT

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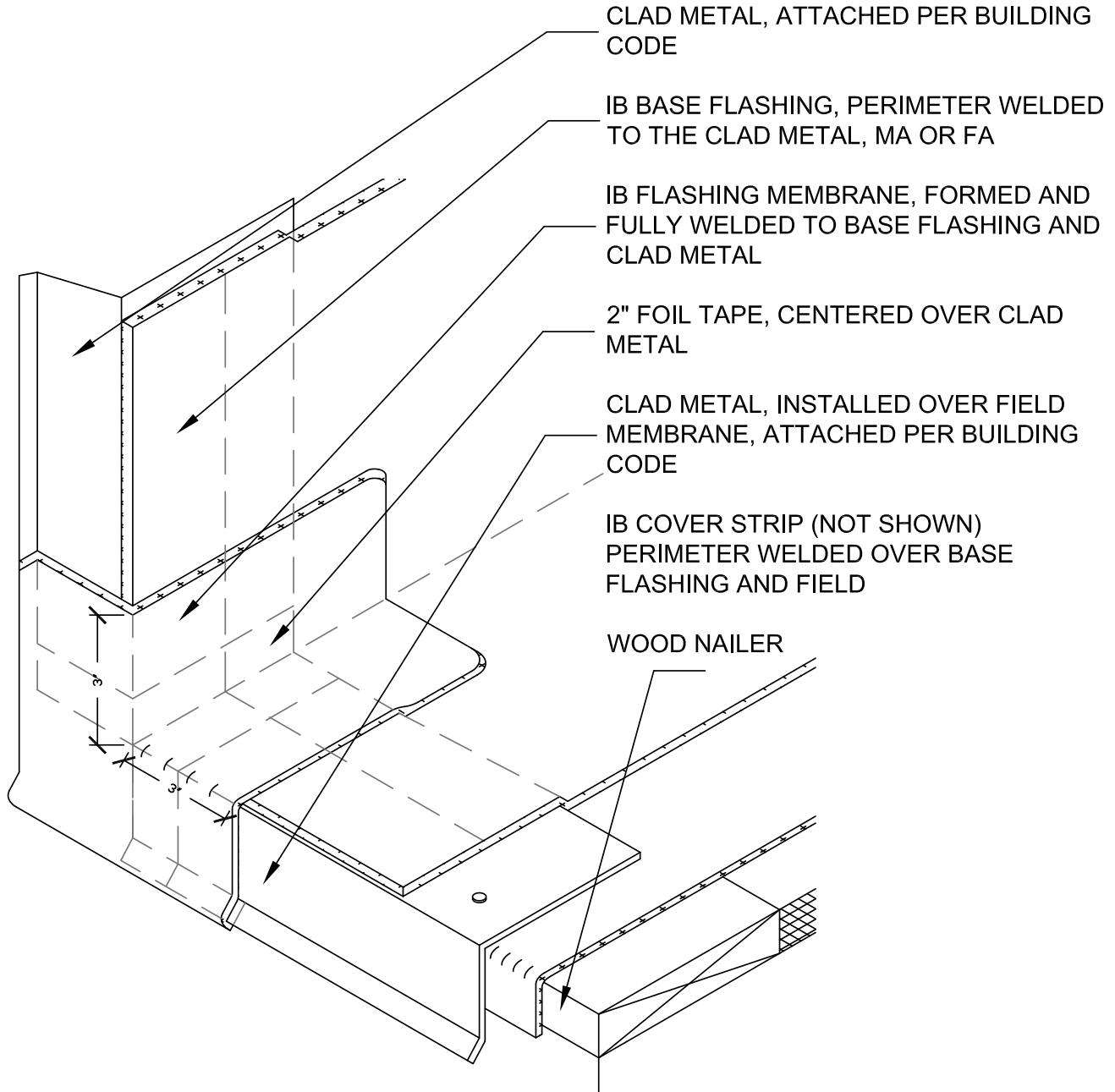
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EDGE TERMINATION

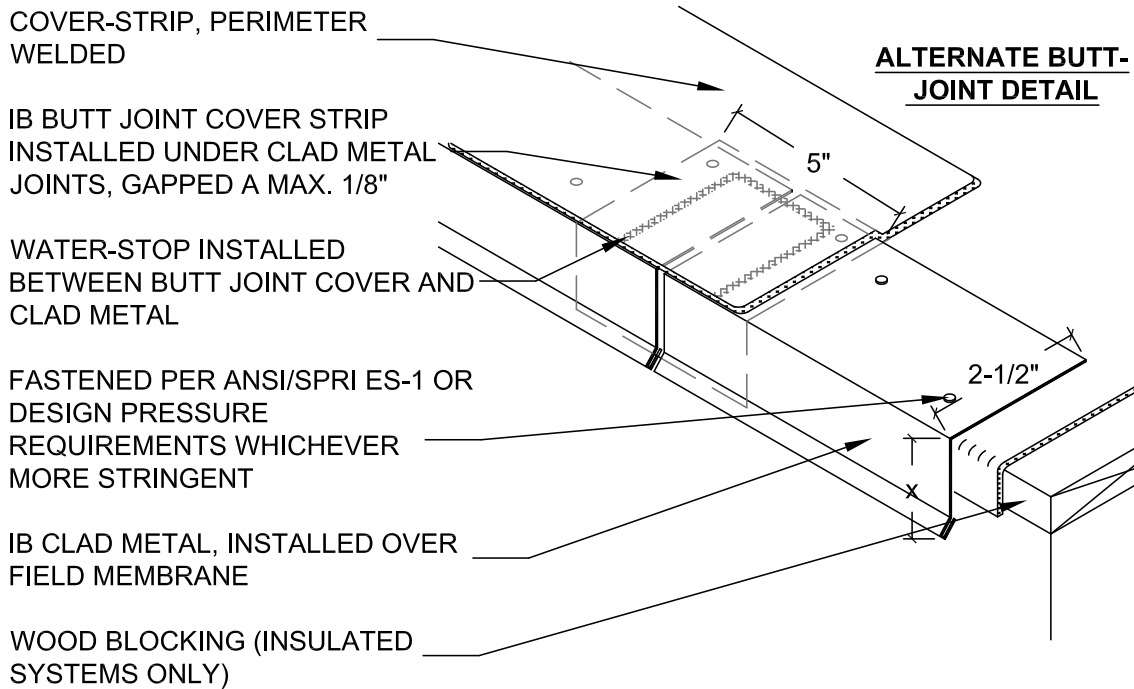
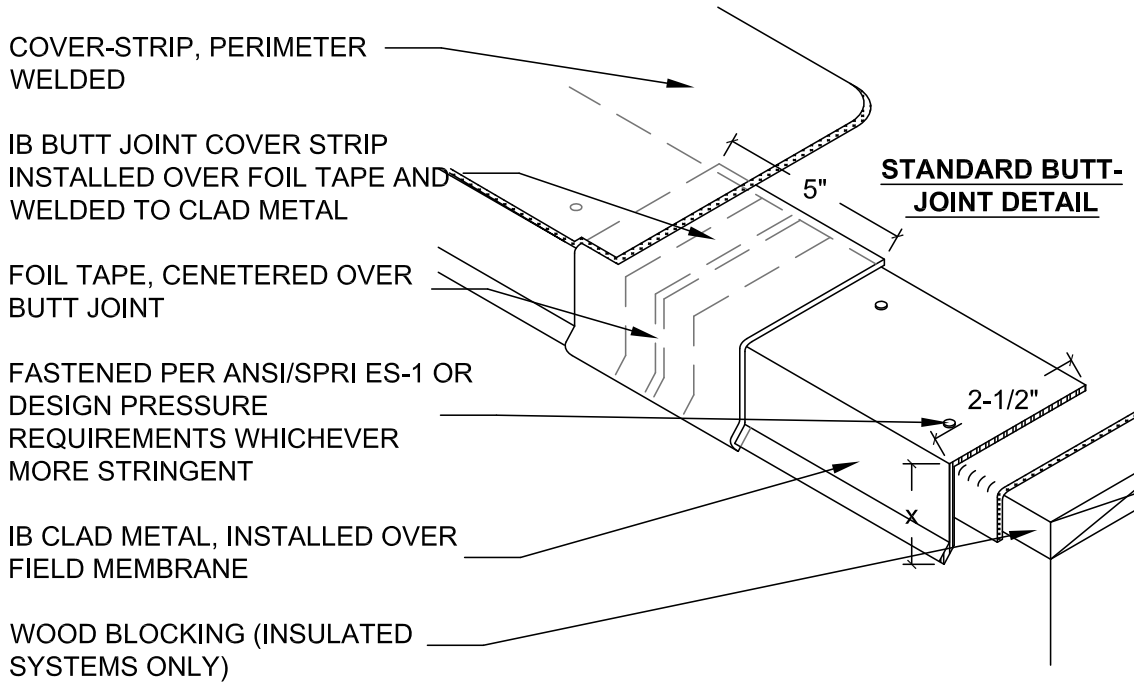


| | | | |
|---------------|-------------------------------------|--------------|---|
| PROJECT NAME: | TITLE: ME-1 EDGE TERMINATION | | |
| | SCALE: NTS | APPROVED BY: | DRAWN BY: A.SCHWAB PLOT DATE: 11-08 REV: AS 11-08 |

** Click here to link to the AutoCAD™ drawing*

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BUTT-JOINT DETAILS



PROJECT NAME:

TITLE:

ME-2 BUTT-JOINT DETAILS

** Click here to link to the AutoCAD™ drawing*

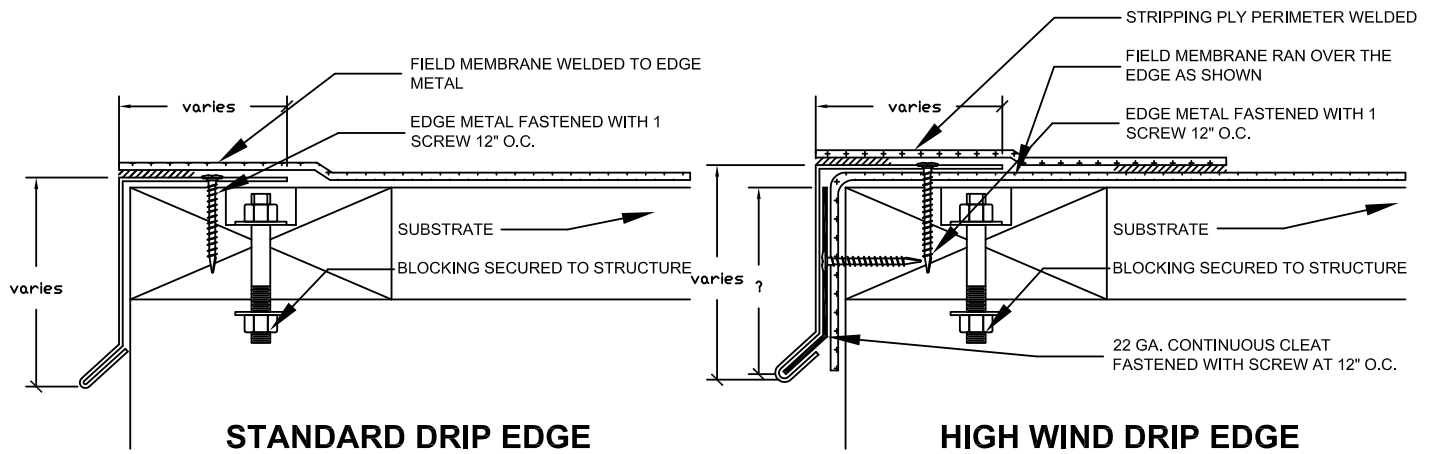
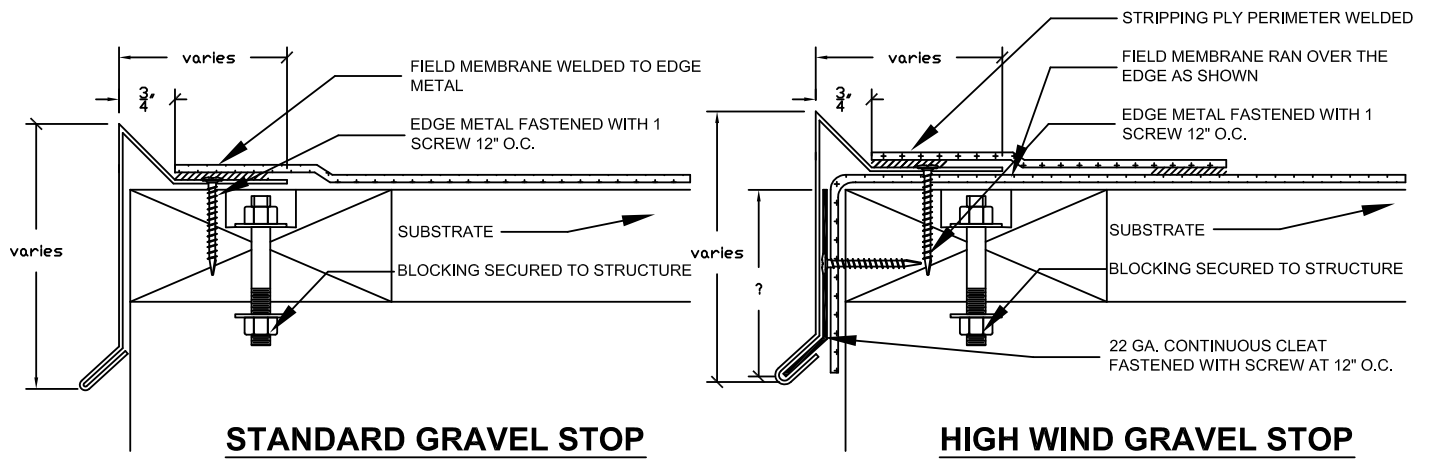
SCALE: NTS

APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
 REV: AS 11-08

CLAD EDGE METAL



NOTES:

1. NAILERS SHALL BE ANCHORED TO THE ROOF DECK TO RESIST A FORCE OF 175 LBS. PER LINEAR FOOT IN ANY DIRECTION.
2. IB PVC CLAD METAL MAY BE PAINTED WITH A COMPATIBLE EXTERIOR GRADE PAINT. CONTACT IB TECHNICAL SERVICES DEPARTMENT FOR A LIST OF COMPATIBLE PAINTS.

PROJECT NAME:

TITLE:

ME-3 CLAD EDGE METAL

** Click here to link to the AutoCAD™ drawing*

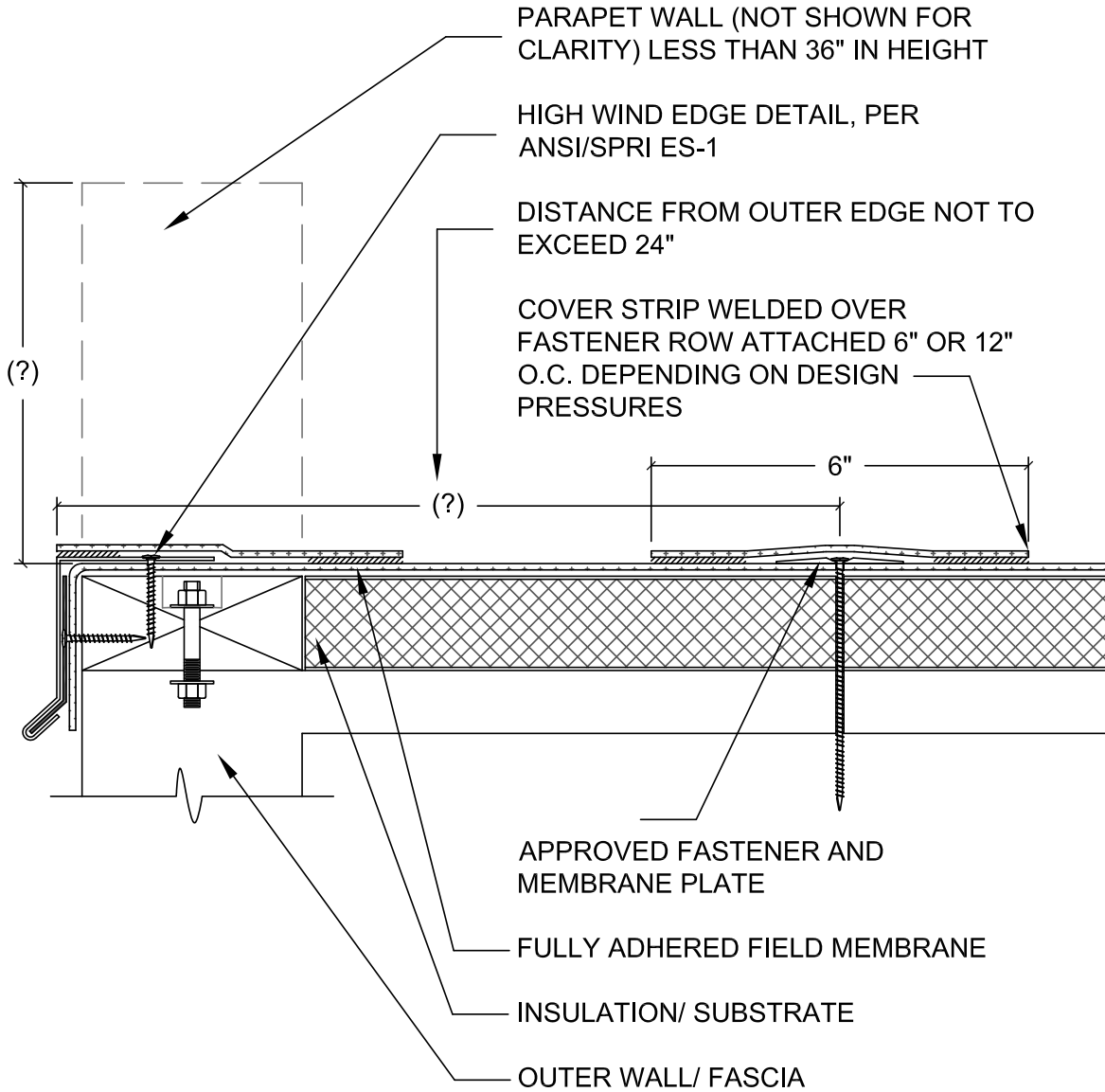
SCALE: NTS

APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
REV: AS 11-08

PEEL-STOP DETAIL



PROJECT NAME:

TITLE:

ME-4 PEEL-STOP DETAIL

** Click here to link to the AutoCAD™ drawing*

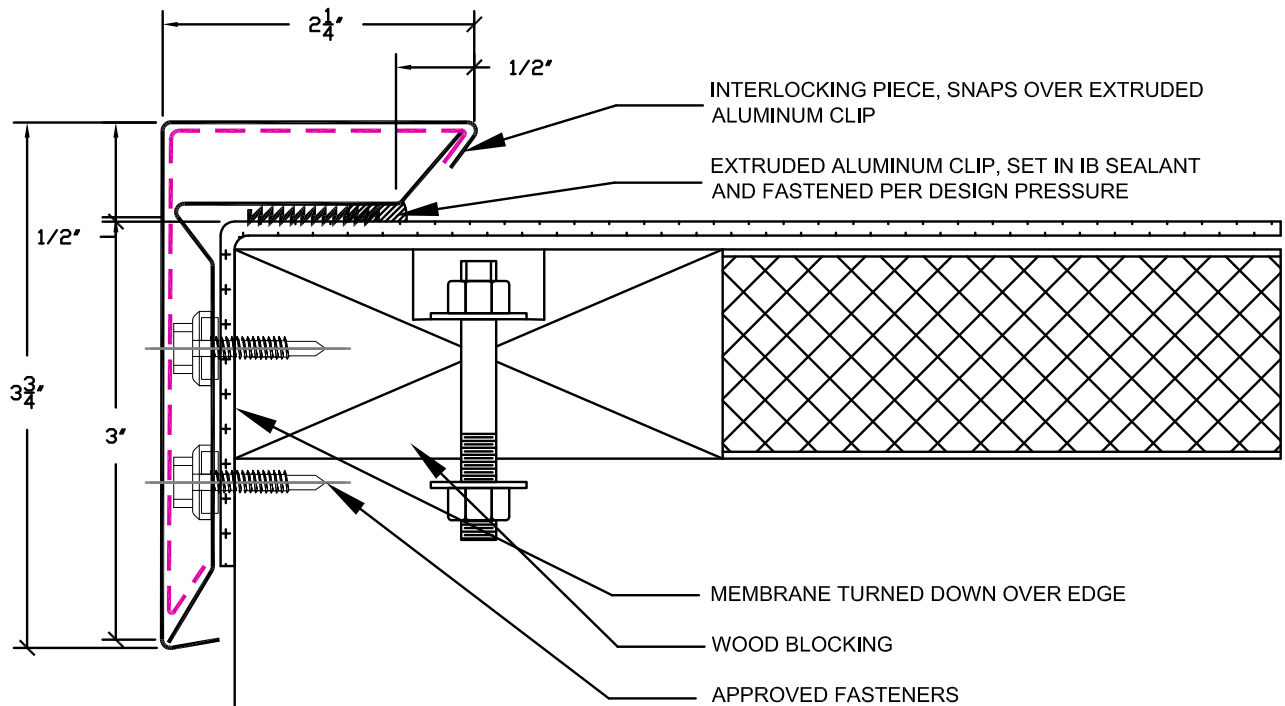
SCALE: NTS

APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
 REV: AS 11-08

TERMA-EDGE DETAIL



TERMA-EDGE DETAIL

NOTES:

1. NAILERS SHALL BE ANCHORED TO THE ROOF DECK TO RESIST A FORCE OF 175 LBS. PER LINEAR FOOT IN ANY DIRECTION.
2. ALL SEALANTS ARE TO BE MAINTAINED BY THE BUILDING OWNER AND ARE NOT THE RESPONSIBILITY OF IB TO KEEP WATER-TIGHT.

PROJECT NAME:

TITLE:

ME-5 TERMA-EDGE DETAIL

** Click here to link to the AutoCAD™ drawing*

SCALE: NTS

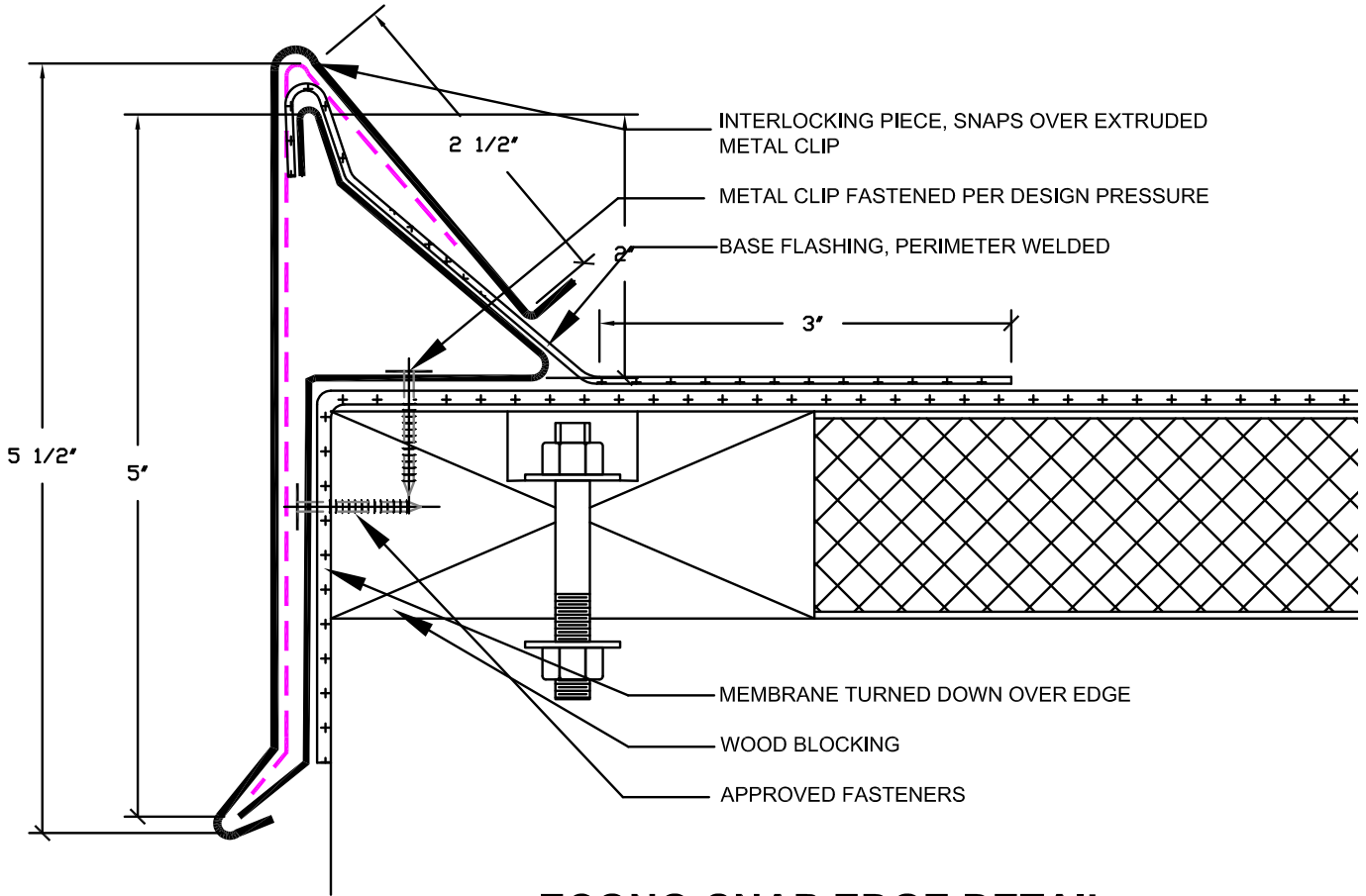
APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
REV: AS 11-08

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ECONO-SNAP EDGE DETAIL



ECONO-SNAP EDGE DETAIL

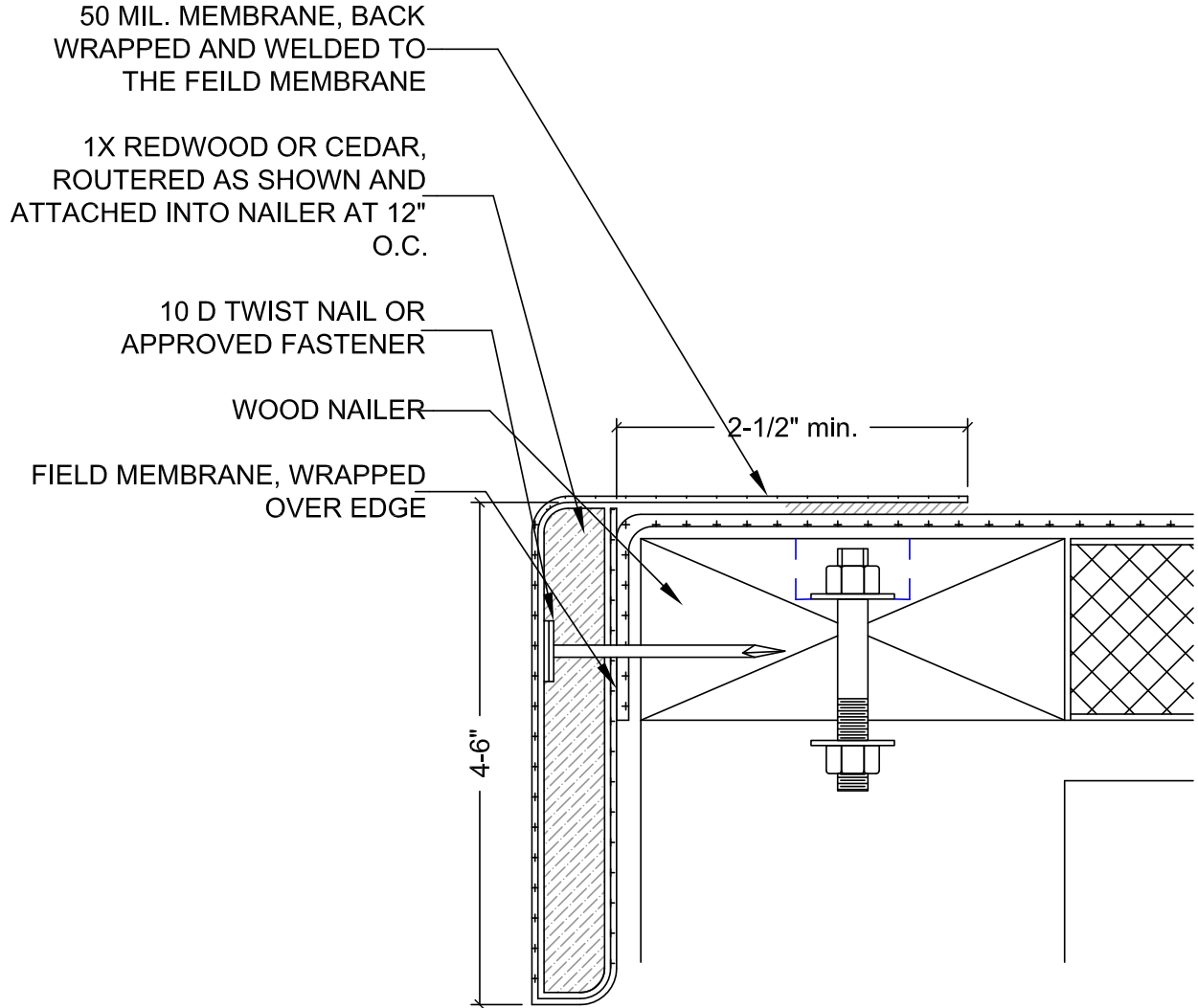
NOTES:

1. NAILERS SHALL BE ANCHORED TO THE ROOF DECK TO RESIST A FORCE OF 175 LBS. PER LINEAR FOOT IN ANY DIRECTION.
2. ALL SEALANTS ARE TO BE MAINTAINED BY THE BUILDING OWNER AND ARE NOT THE RESPONSIBILITY OF IB TO KEEP WATER-TIGHT.

| | | | |
|---------------|---|--------------|-----------------------------------|
| PROJECT NAME: | TITLE: ME-6 ECONO-SNAP EDGE DETAIL | | |
| SCALE: NTS | | APPROVED BY: | DRAWN BY: A.SCHWAB |
| | | | PLOT DATE: 11-08 REV: AS 11-08 |

** Click here to link to the AutoCAD™ drawing*

BACK-WRAPPED EDGE



NOTES:

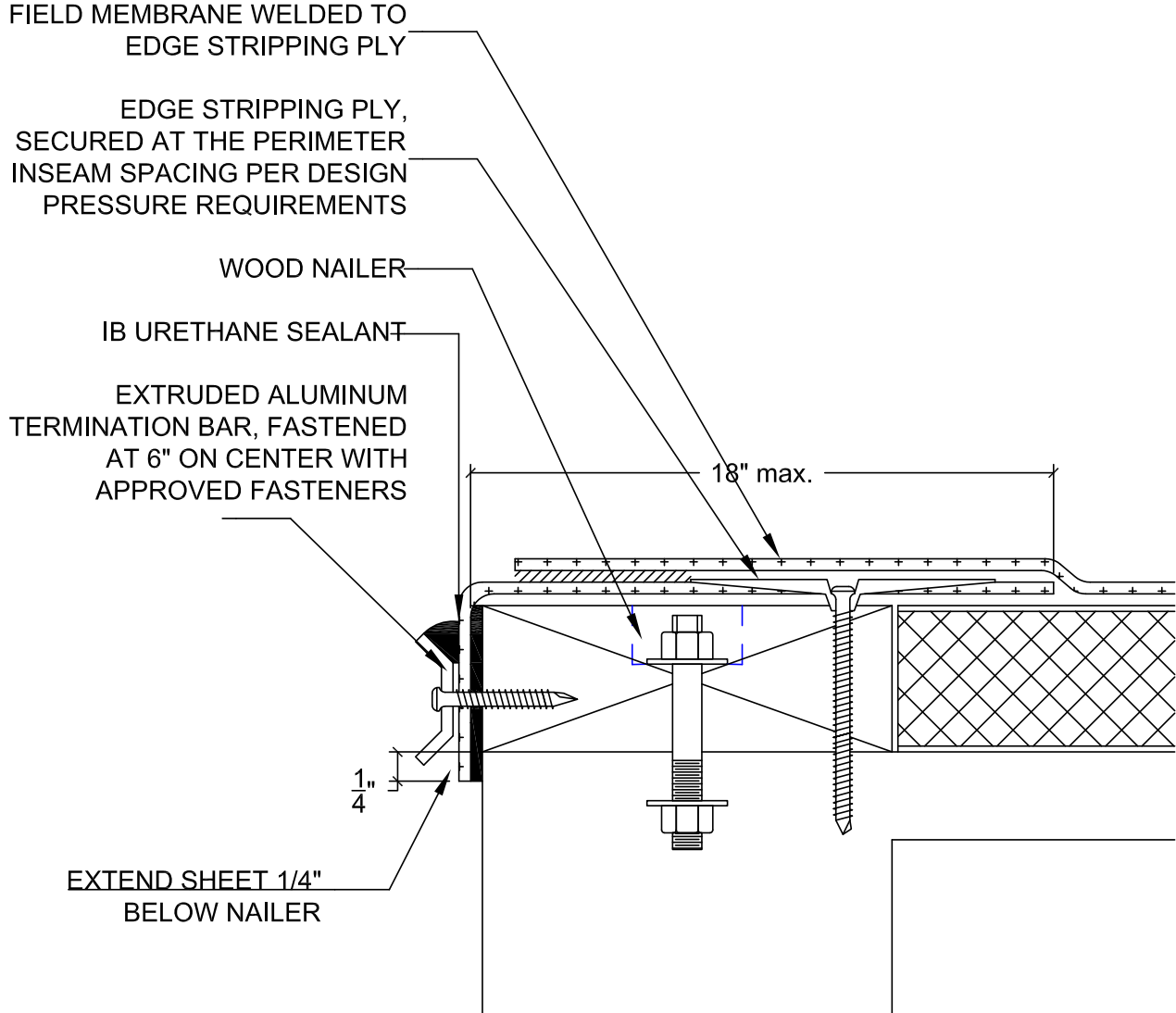
1. NAILERS SHALL BE ANCHORED TO THE ROOF DECK TO RESIST A FORCE OF 175 LBS. PER LINEAR FOOT IN ANY DIRECTION.
2. ALL SEALANTS ARE TO BE MAINTAINED BY THE BUILDING OWNER AND ARE NOT THE RESPONSIBILITY OF IB TO KEEP WATER-TIGHT.

| | | | |
|---------------|--------------------------------------|--------------|-----------------------------------|
| PROJECT NAME: | TITLE: ME-7 BACK-WRAPPED EDGE | | |
| SCALE: NTS | | APPROVED BY: | DRAWN BY: A.SCHWAB |
| | | | PLOT DATE: 11-08 REV: AS 11-08 |

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ALUMINUM TERM. BAR EDGE



NOTES:

1. NAILERS SHALL BE ANCHORED TO THE ROOF DECK TO RESIST A FORCE OF 175 LBS. PER LINEAR FOOT IN ANY DIRECTION.
2. ALL SEALANTS ARE TO BE MAINTAINED BY THE BUILDING OWNER AND ARE NOT THE RESPONSIBILITY OF IB TO KEEP WATER-TIGHT.

PROJECT NAME:

TITLE:

ME-8 ALUMINUM TERM. BAR EDGE

** Click here to link to the AutoCAD™ drawing*

SCALE: NTS

APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
REV: AS 11-08

RAISED RAKE EDGE

PERIMETER METAL, FASTENED
WITH GROMMET SCREWS AND
NEOPRENE WASHES AT 12"
O.C.

WOOD CANT, SECURED INTO
DECK OR BLOCKING

22 GA. CONTINUOUS CLEAT,
ATTACHED INTO BLOCKING AT
12" O.C.

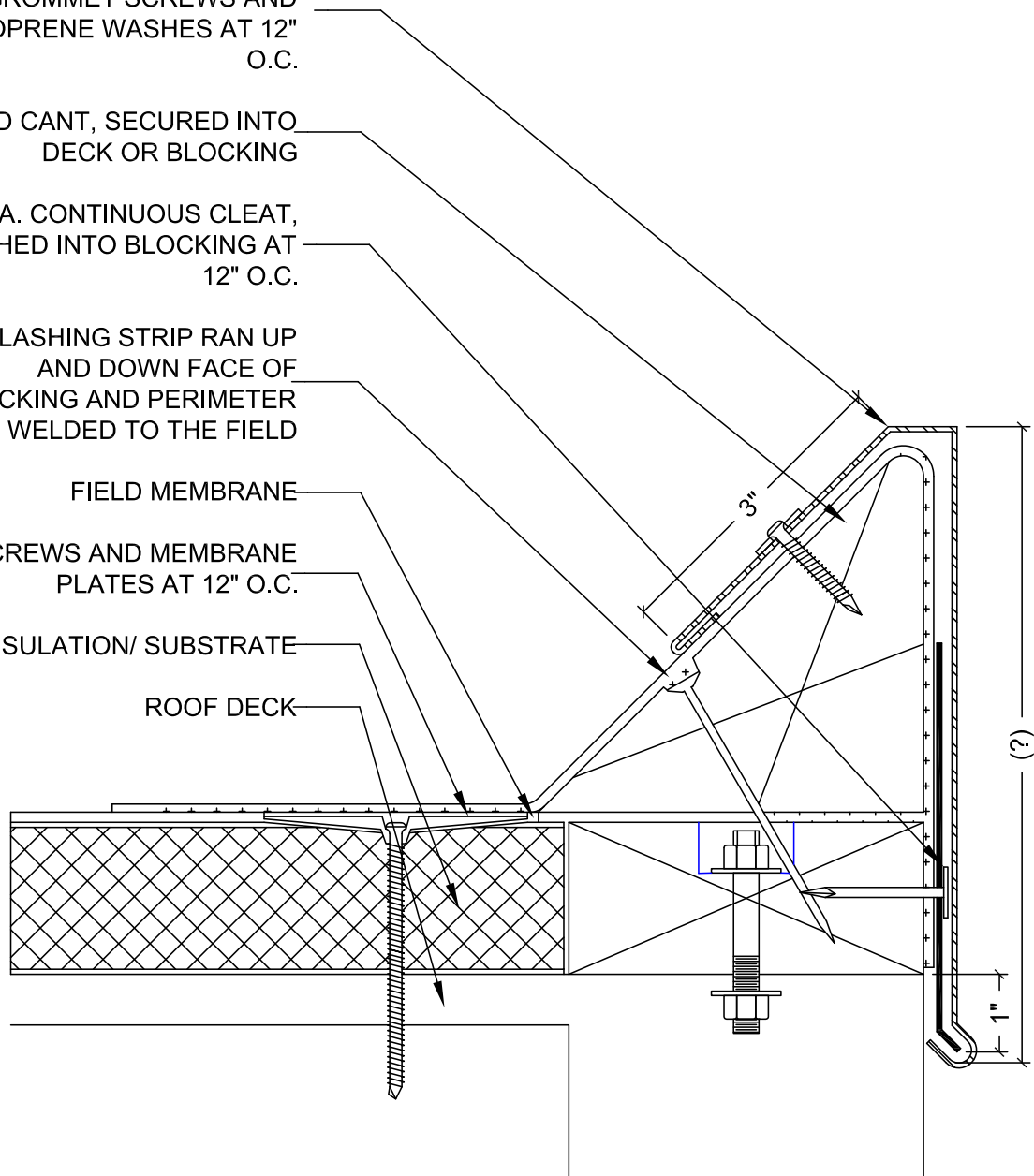
BASE FLASHING STRIP RAN UP
AND DOWN FACE OF
BLOCKING AND PERIMETER
WELDED TO THE FIELD

FIELD MEMBRANE

SCREWS AND MEMBRANE
PLATES AT 12" O.C.

INSULATION/ SUBSTRATE

ROOF DECK



NOTES:

1. NAILERS SHALL BE ANCHORED TO THE ROOF DECK TO RESIST A FORCE OF 175 LBS. PER LINEAR FOOT IN ANY DIRECTION.
2. ALL SEALANTS ARE TO BE MAINTAINED BY THE BUILDING OWNER AND ARE NOT THE RESPONSIBILITY OF IB TO KEEP WATER-TIGHT.

PROJECT NAME:

TITLE:

ME-9 RAISED RAKE EDGE

** Click here to link to the AutoCAD™ drawing*

SCALE: NTS

APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
REV: AS 11-08

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RAISED FASCIA EDGE

PERIMETER METAL, FASTENED
WITH GROMMET SCREWS AND
NEOPRENE WASHES AT 12"
O.C.

SHOWN WITH OPTIONAL
METAL RETURN

22 GA. CONTINUOUS CLEAT,
ATTACHED INTO BLOCKING AT
12" O.C.

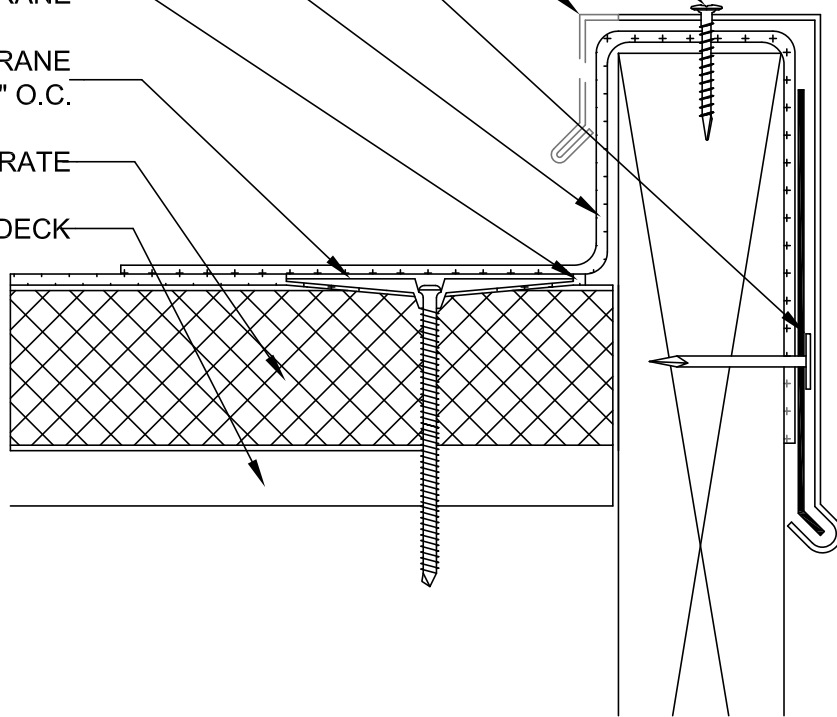
BASE FLASHING STRIP RAN UP
AND DOWN FACE OF RAISED
FASCIA AND PERIMETER
WELDED TO THE FIELD

FIELD MEMBRANE

SCREWS AND MEMBRANE
PLATES AT 12" O.C.

INSULATION/ SUBSTRATE

ROOF DECK



PROJECT NAME:

TITLE:

ME-10 RAISED FASCIA EDGE

** Click here to link to the AutoCAD™ drawing*

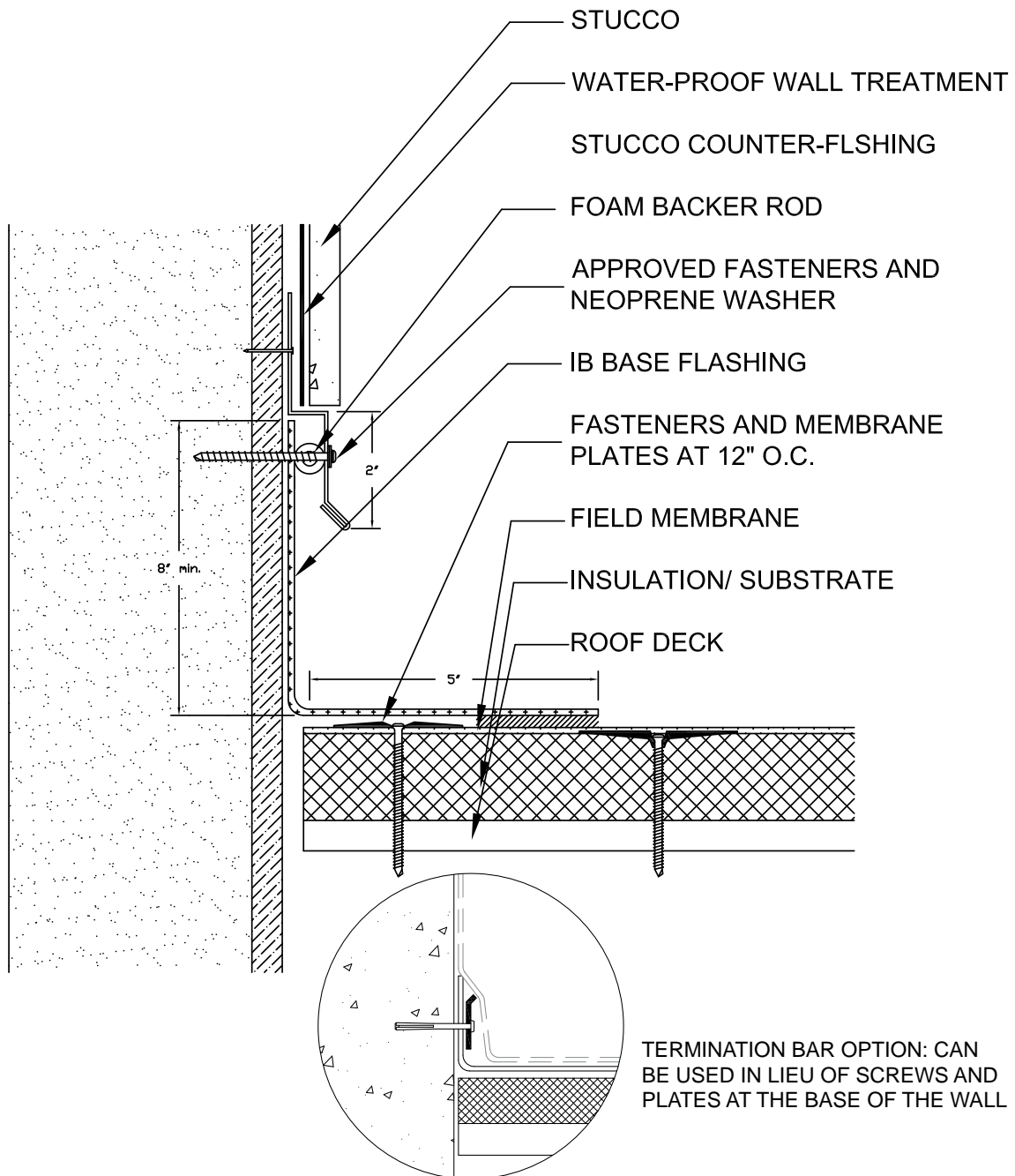
SCALE: NTS

APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
REV: AS 11-08

STUCCO TIE-IN



NOTES:

1. IB VERTIBOND BONDING ADHESIVE, APPLIED AT THE NOMINAL RATE OF 2 GALS. PER SQUARE (50% TO THE BACK OF THE SHEET AND 50% TO THE SUBSTRATE) MANDATORY ON BASE FLASHING HEIGHTS OF <18" (GREATER THAN), OPTIONAL ON HEIGHTS >18" (LESS THAN).
2. RETROFIT ROOFS REQUIRE ALL EXISTING BASE FLASHING TO BE REMOVED BEFORE INSTALLING IB MEMBRANE BASE FLASHINGS.

PROJECT NAME:

TITLE:

MB-1 STUCCO TIE-IN

** Click here to link to the AutoCAD™ drawing*

SCALE: NTS

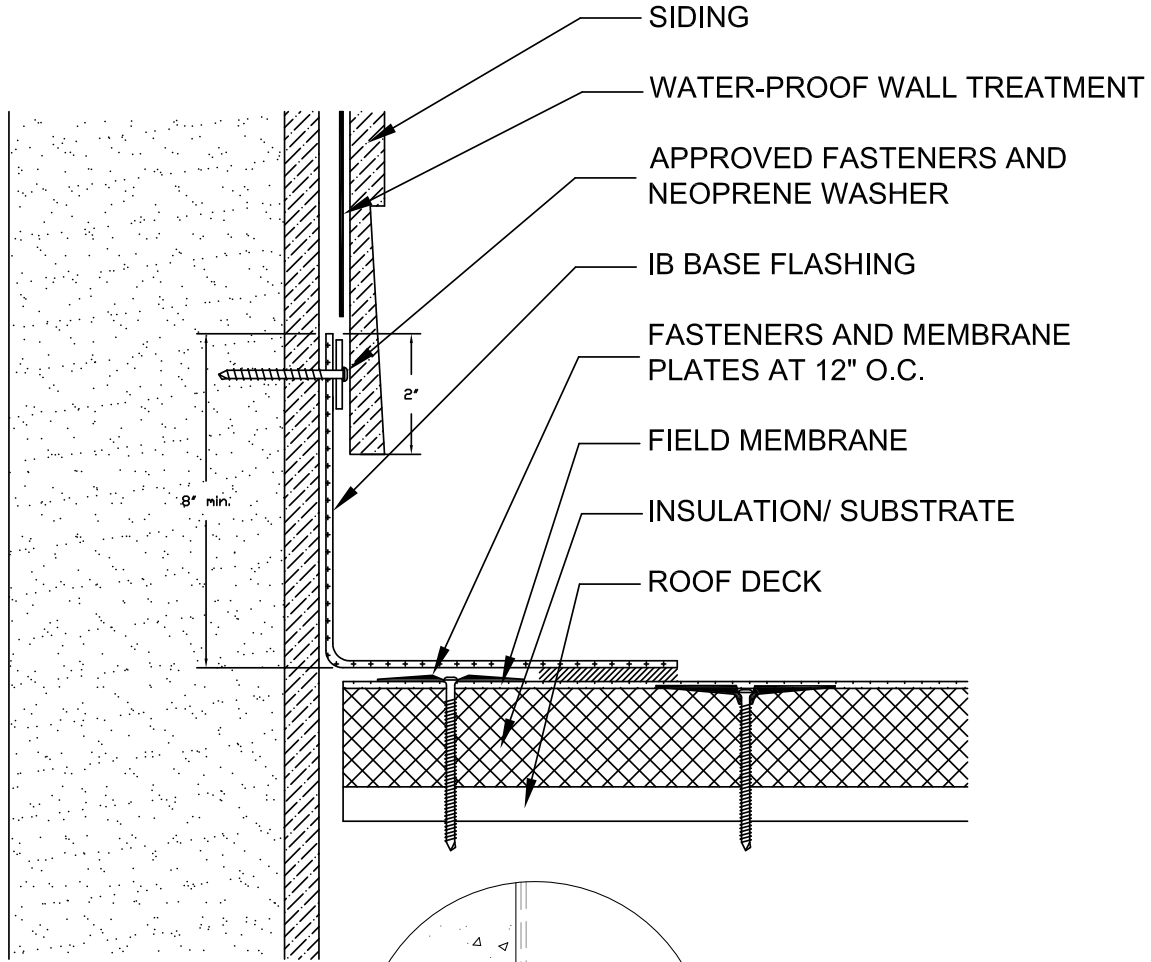
APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
REV: AS 11-08

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SIDING TIE-IN



TERMINATION BAR OPTION: CAN BE USED IN LIEU OF SCREWS AND PLATES AT THE BASE OF THE WALL

NOTES:

1. IB VERTIBOND BONDING ADHESIVE, APPLIED AT THE NOMINAL RATE OF 2 GALS. PER SQUARE (50% TO THE BACK OF THE SHEET AND 50% TO THE SUBSTRATE) MANDATORY ON BASE FLASHING HEIGHTS OF <18" (GREATER THAN), OPTIONAL ON HEIGHTS >18" (LESS THAN).
2. RETROFIT ROOFS REQUIRE ALL EXISTING BASE FLASHING TO BE REMOVED BEFORE INSTALLING IB MEMBRANE BASE FLASHINGS.

PROJECT NAME:

TITLE:

MB-2 SIDING TIE-IN

** Click here to link to the AutoCAD™ drawing*

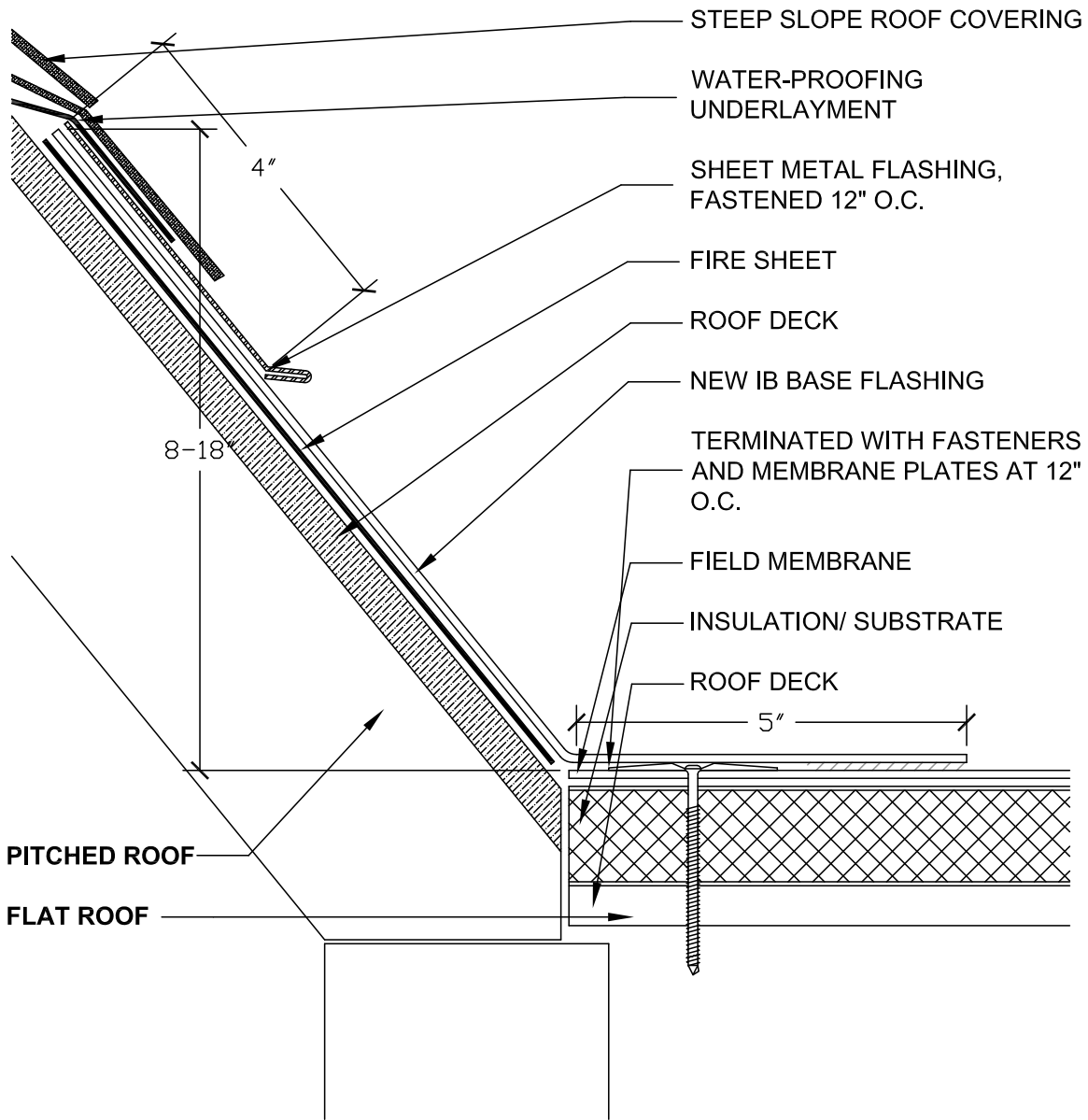
SCALE: NTS

APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
 REV: AS 11-08

STEEP SLOPE TIE-IN



NOTES:

1. IB VERTIBOND BONDING ADHESIVE, APPLIED AT THE NOMINAL RATE OF 2 GALS. PER SQUARE (50% TO THE BACK OF THE SHEET AND 50% TO THE SUBSTRATE) MANDATORY ON BASE FLASHING HEIGHTS OF <18\" (GREATER THAN), OPTIONAL ON HEIGHTS >18\" (LESS THAN).
2. RETROFIT ROOFS REQUIRE ALL EXISTING BASE FLASHING TO BE REMOVED BEFORE INSTALLING IB MEMBRANE BASE FLASHINGS.

PROJECT NAME:

TITLE:

MB-3 STEEP SLOPE TIE-IN

** Click here to link to the AutoCAD™ drawing*

SCALE: NTS

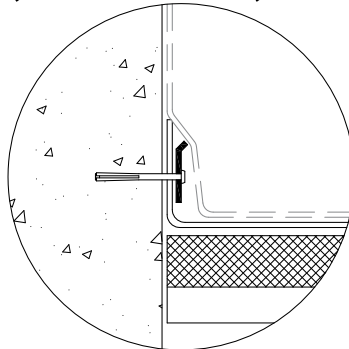
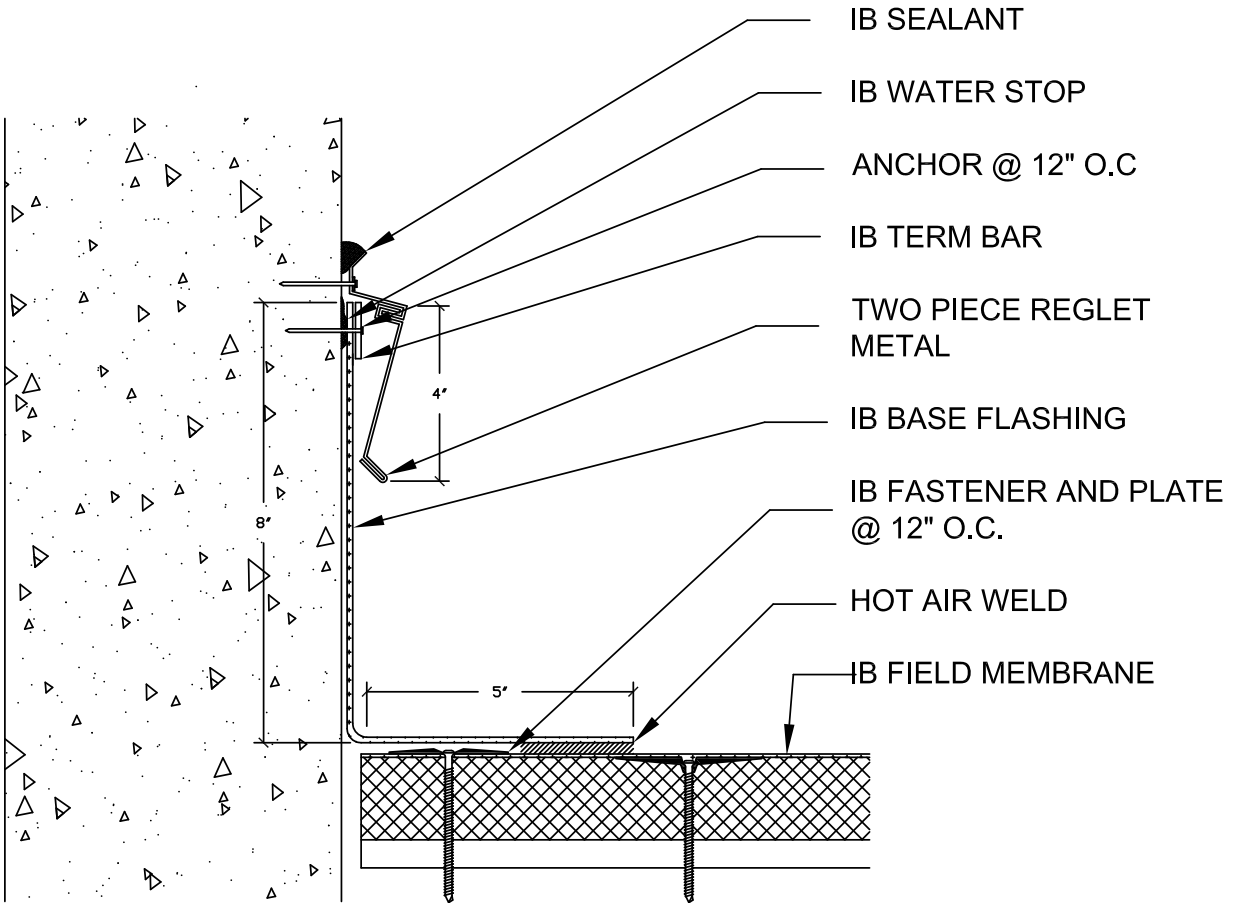
APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
REV: AS 11-08

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REGLET METAL FLASHING



TERMINATION BAR OPTION: CAN BE USED IN LIEU OF SCREWS AND PLATES AT THE BASE OF THE WALL

NOTES:

1. IB VERTIBOND BONDING ADHESIVE, APPLIED AT THE NOMINAL RATE OF 2 GALS. PER SQUARE (50% TO THE BACK OF THE SHEET AND 50% TO THE SUBSTRATE) MANDATORY ON BASE FLASHING HEIGHTS OF <18\"
2. RETROFIT ROOFS REQUIRE ALL EXISTING BASE FLASHING TO BE REMOVED BEFORE INSTALLING IB MEMBRANE BASE FLASHINGS.

PROJECT NAME:

TITLE:

MB-4 REGLET METAL FLASHING

** Click here to link to the AutoCAD™ drawing*

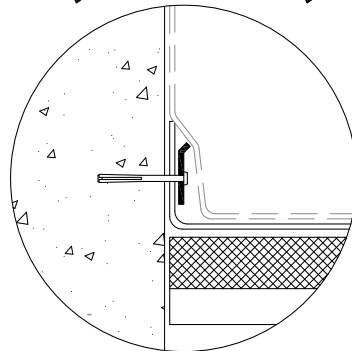
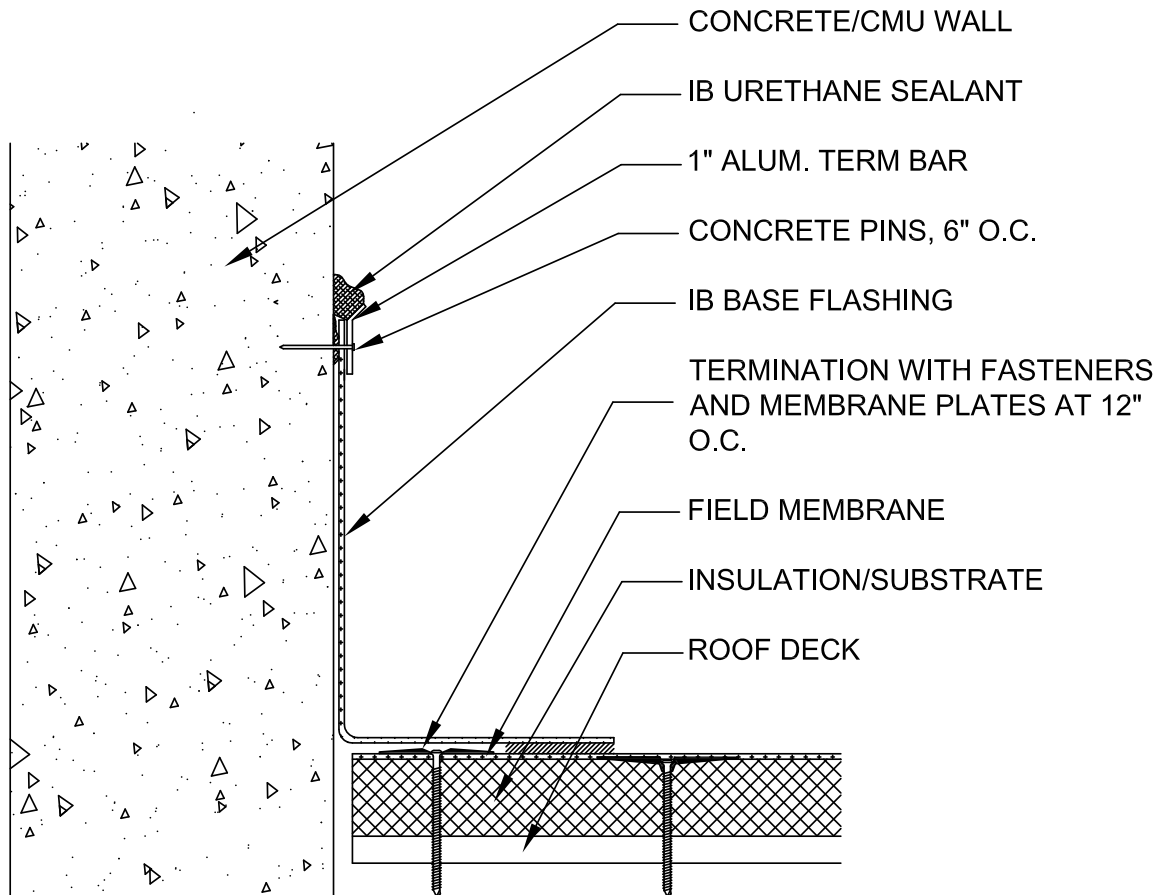
SCALE: NTS

APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
 REV: AS 11-08

SURFACE MOUNTED REGLET COUNTER FLASHING



TERMINATION BAR OPTION: CAN BE USED IN LIEU OF SCREWS AND PLATES AT THE BASE OF THE WALL

NOTES:

1. IB VERTIBOND BONDING ADHESIVE, APPLIED AT THE NOMINAL RATE OF 2 GALS. PER SQUARE (50% TO THE BACK OF THE SHEET AND 50% TO THE SUBSTRATE) MANDATORY ON BASE FLASHING HEIGHTS OF <18" (GREATER THAN), OPTIONAL ON HEIGHTS >18" (LESS THAN).
2. RETROFIT ROOFS REQUIRE ALL EXISTING BASE FLASHING TO BE REMOVED BEFORE INSTALLING IB MEMBRANE BASE FLASHINGS.

PROJECT NAME:

TITLE:

MB-5 TERMINATION BAR DETAIL

** Click here to link to the AutoCAD™ drawing*

SCALE: NTS

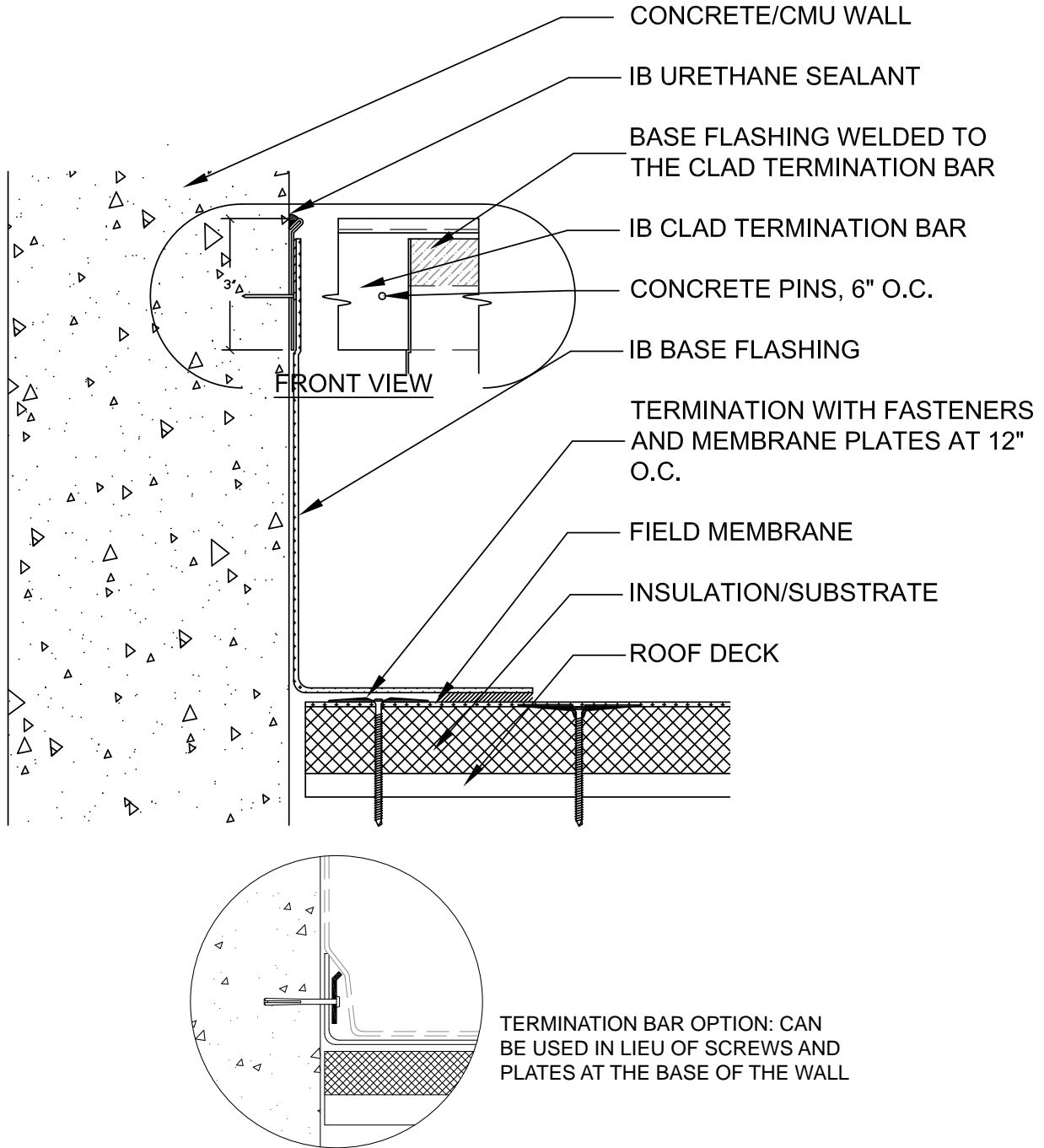
APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
 REV: AS 11-08

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IB CLAD TERMINATION BAR

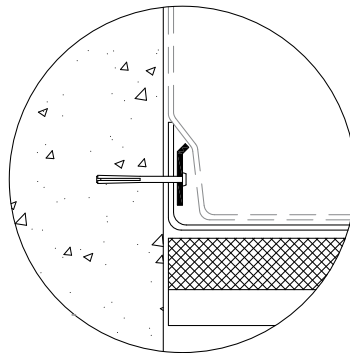
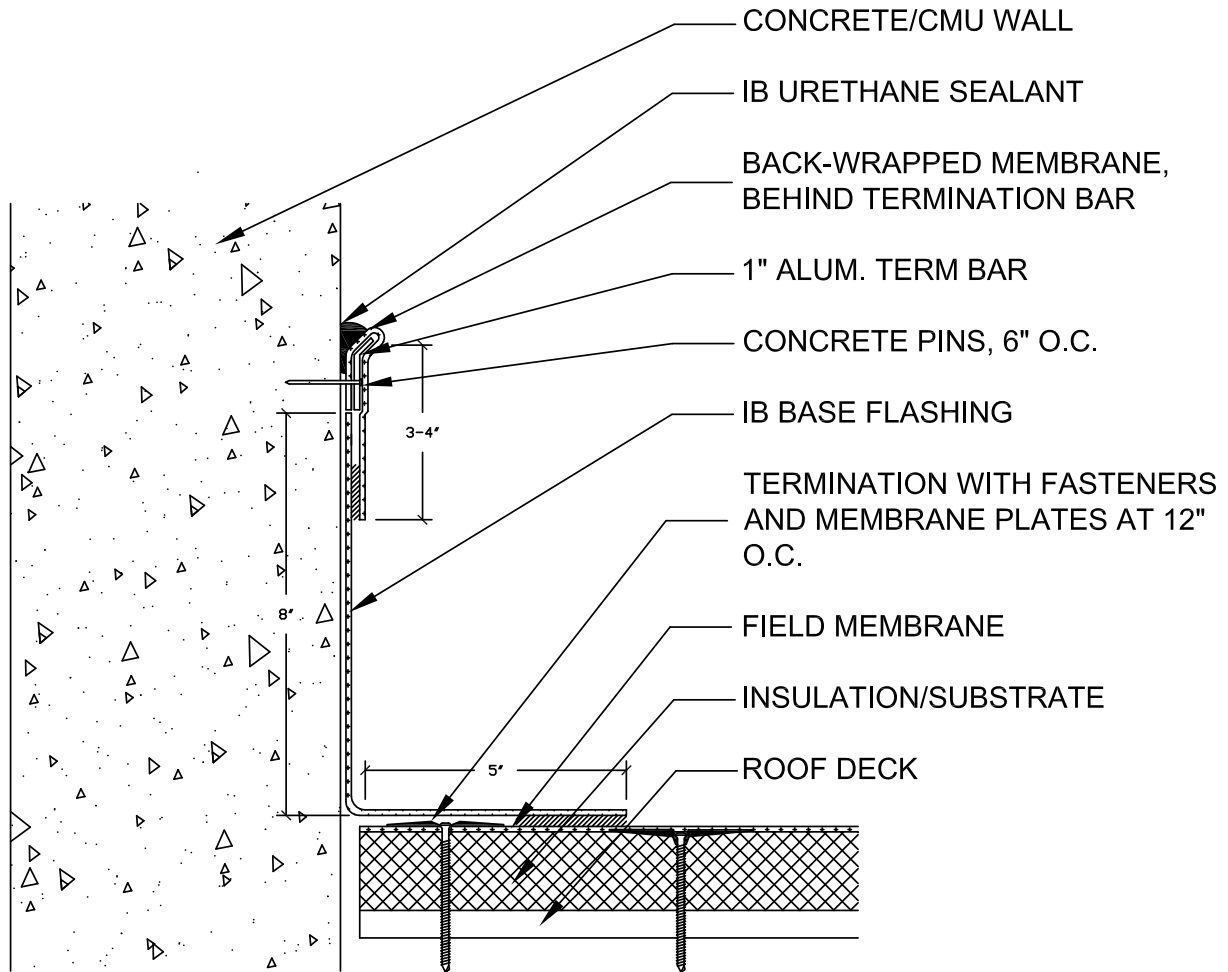


NOTES:

1. IB VERTIBOND BONDING ADHESIVE, APPLIED AT THE NOMINAL RATE OF 2 GALS. PER SQUARE (50% TO THE BACK OF THE SHEET AND 50% TO THE SUBSTRATE) MANDATORY ON BASE FLASHING HEIGHTS OF <18" (GREATER THAN), OPTIONAL ON HEIGHTS >18" (LESS THAN).
2. RETROFIT ROOFS REQUIRE ALL EXISTING BASE FLASHING TO BE REMOVED BEFORE INSTALLING IB MEMBRANE BASE FLASHINGS.

| | | | |
|---------------|---|--------------------|-----------------------------------|
| PROJECT NAME: | TITLE: MB-6 IB CLAD TERMINATION BAR <i>* Click here to link to the AutoCAD™ drawing</i> | | |
| SCALE: NTS | APPROVED BY: | DRAWN BY: A.SCHWAB | PLOT DATE: 11-08 REV: AS 11-08 |

BACK-WRAPPED TERMINATION BAR



TERMINATION BAR OPTION: CAN BE USED IN LIEU OF SCREWS AND PLATES AT THE BASE OF THE WALL

NOTES:

1. IB VERTIBOND BONDING ADHESIVE, APPLIED AT THE NOMINAL RATE OF 2 GALS. PER SQUARE (50% TO THE BACK OF THE SHEET AND 50% TO THE SUBSTRATE) MANDATORY ON BASE FLASHING HEIGHTS OF <18" (GREATER THAN), OPTIONAL ON HEIGHTS >18" (LESS THAN).
2. RETROFIT ROOFS REQUIRE ALL EXISTING BASE FLASHING TO BE REMOVED BEFORE INSTALLING IB MEMBRANE BASE FLASHINGS.

PROJECT NAME:

TITLE:

MB-7 BACK-WRAPPED TERMINATION BAR

** Click here to link to the AutoCAD™ drawing*

SCALE: NTS

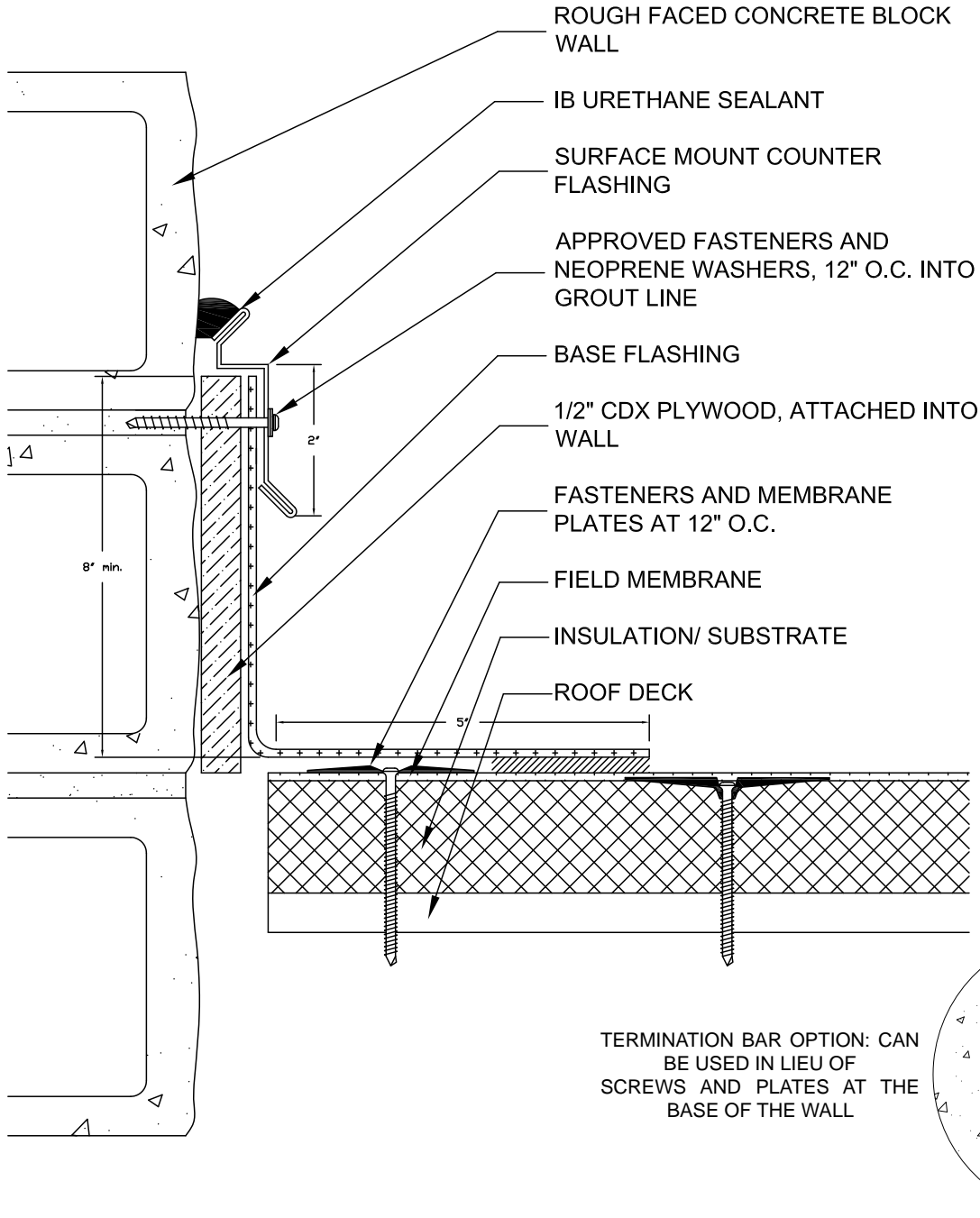
APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
REV: AS 11-08

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ROUGH FACED WALL BASE FLASHING



NOTES:

1. IB VERTIBOND BONDING ADHESIVE, APPLIED AT THE NOMINAL RATE OF 2 GALS. PER SQUARE (50% TO THE BACK OF THE SHEET AND 50% TO THE SUBSTRATE) MANDATORY ON BASE FLASHING HEIGHTS OF <18" (GREATER THAN), OPTIONAL ON HEIGHTS >18" (LESS THAN).
2. RETROFIT ROOFS REQUIRE ALL EXISTING BASE FLASHING TO BE REMOVED BEFORE INSTALLING IB MEMBRANE BASE FLASHINGS.

PROJECT NAME:

TITLE:

MB-8 ROUGH FACED WALL BASE FLASHING

** Click here to link to the AutoCAD™ drawing*

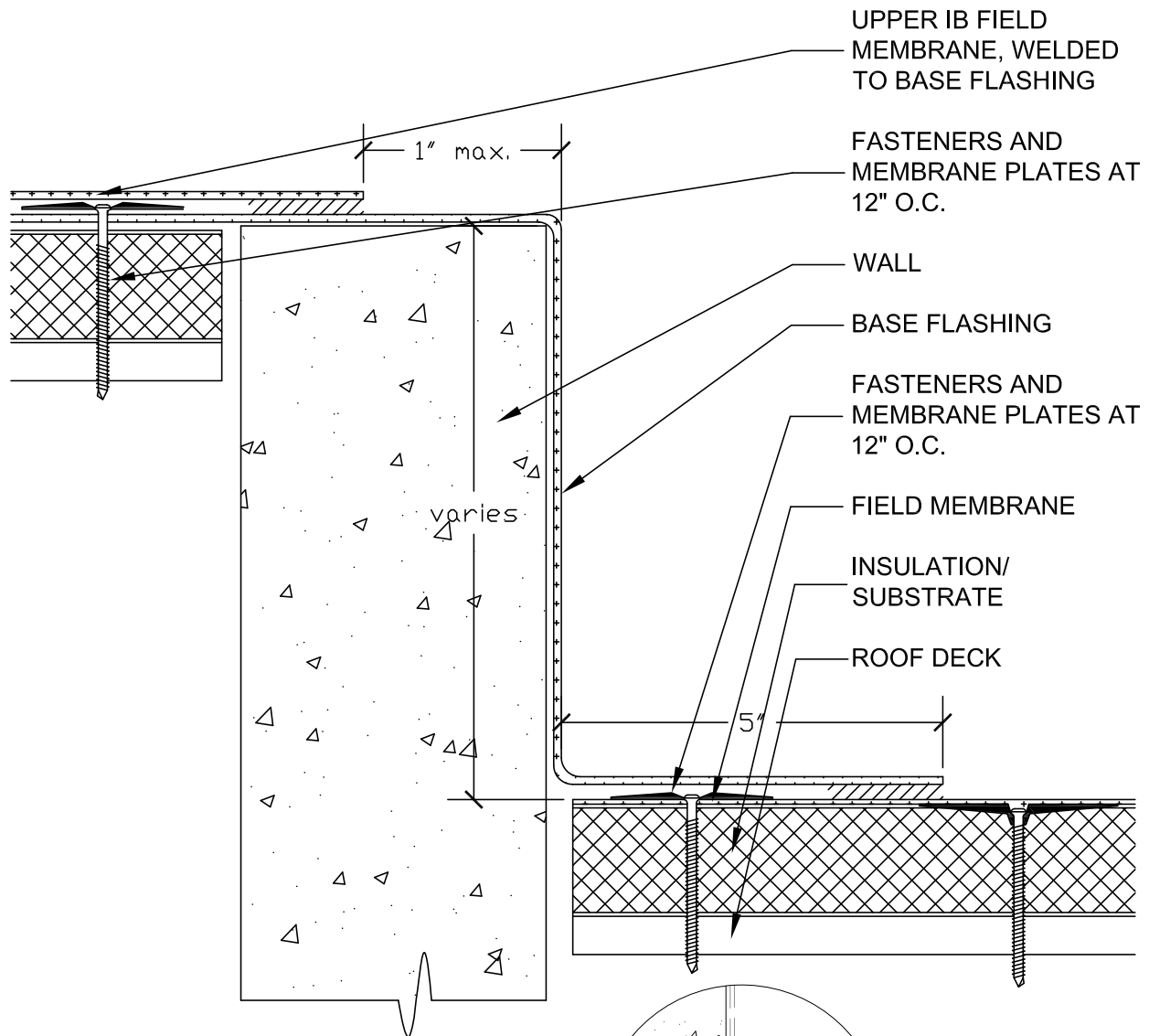
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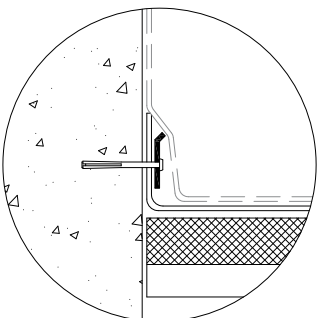
DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
 REV: AS 11-08

ELEVATION CHANGE TIE-IN



TERMINATION BAR OPTION: CAN BE USED IN LIEU OF SCREWS AND PLATES AT THE BASE OF THE WALL



NOTES:

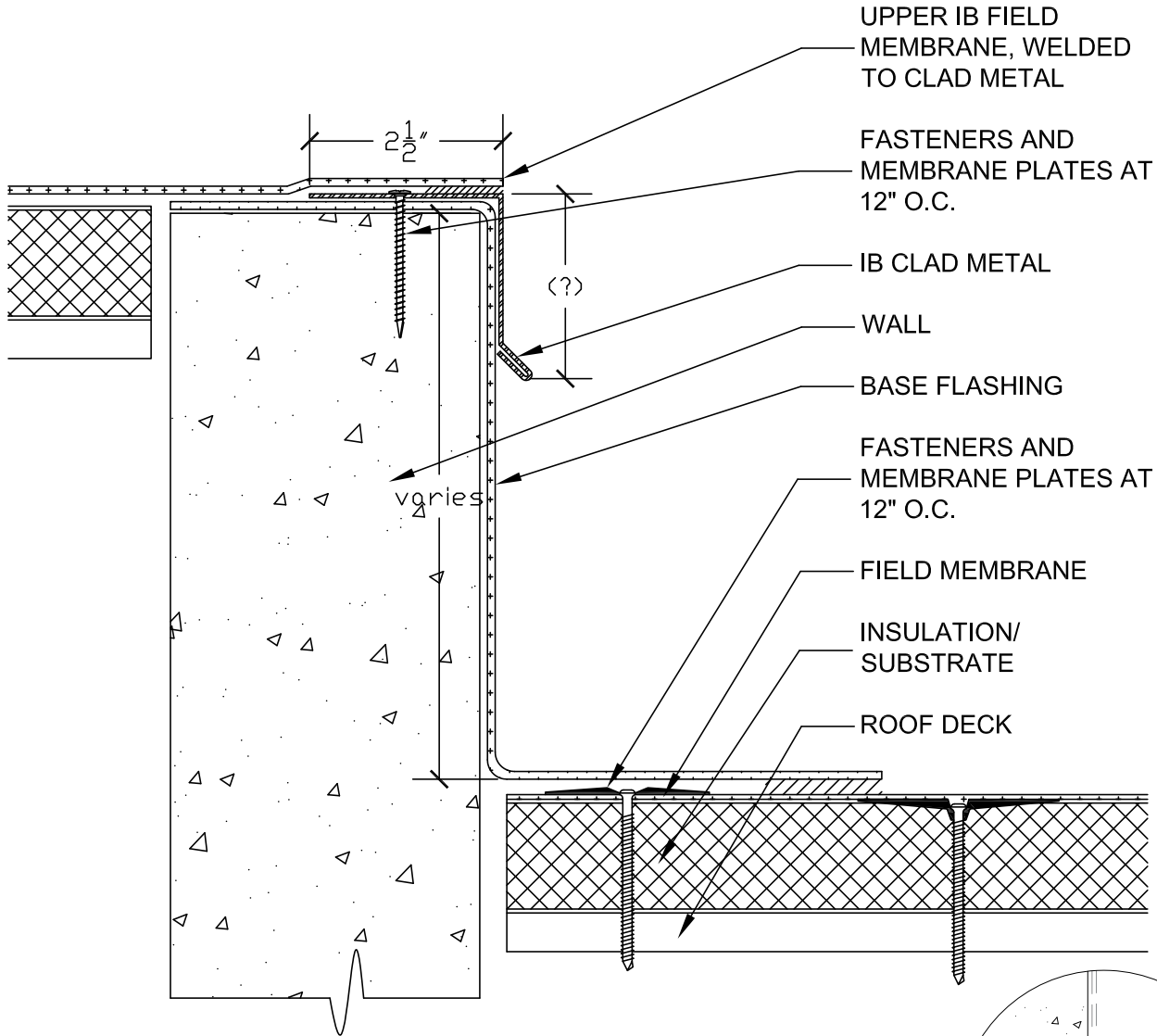
1. IB VERTIBOND BONDING ADHESIVE, APPLIED AT THE NOMINAL RATE OF 2 GALS. PER SQUARE (50% TO THE BACK OF THE SHEET AND 50% TO THE SUBSTRATE) MANDATORY ON BASE FLASHING HEIGHTS OF <18" (GREATER THAN), OPTIONAL ON HEIGHTS >18" (LESS THAN).
2. RETROFIT ROOFS REQUIRE ALL EXISTING BASE FLASHING TO BE REMOVED BEFORE INSTALLING IB MEMBRANE BASE FLASHINGS.

| | | | |
|---------------|--|--------------|-----------------------------------|
| PROJECT NAME: | TITLE: MB-9 ELEVATION CHANGE TIE-IN | | |
| | SCALE: NTS | APPROVED BY: | DRAWN BY: A.SCHWAB |
| | | | PLOT DATE: 11-08 REV: AS 11-08 |

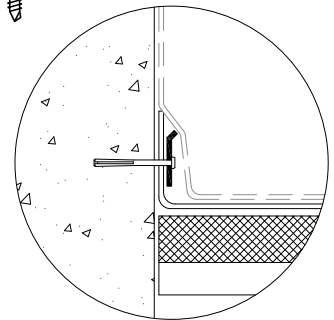
** Click here to link to the AutoCAD™ drawing*

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IB CLAD METAL ELEVATION CHANGE TIE-IN



TERMINATION BAR OPTION: CAN BE USED IN LIEU OF SCREWS AND PLATES AT THE BASE OF THE WALL



NOTES:

1. IB VERTIBOND BONDING ADHESIVE, APPLIED AT THE NOMINAL RATE OF 2 GALS. PER SQUARE (50% TO THE BACK OF THE SHEET AND 50% TO THE SUBSTRATE) MANDATORY ON BASE FLASHING HEIGHTS OF <18\"
2. RETROFIT ROOFS REQUIRE ALL EXISTING BASE FLASHING TO BE REMOVED BEFORE INSTALLING IB MEMBRANE BASE FLASHINGS.

PROJECT NAME:

TITLE:

MB-10 IB CLAD METAL ELEVATION CHANGE TIE-IN

** Click here to link to the AutoCAD™ drawing*

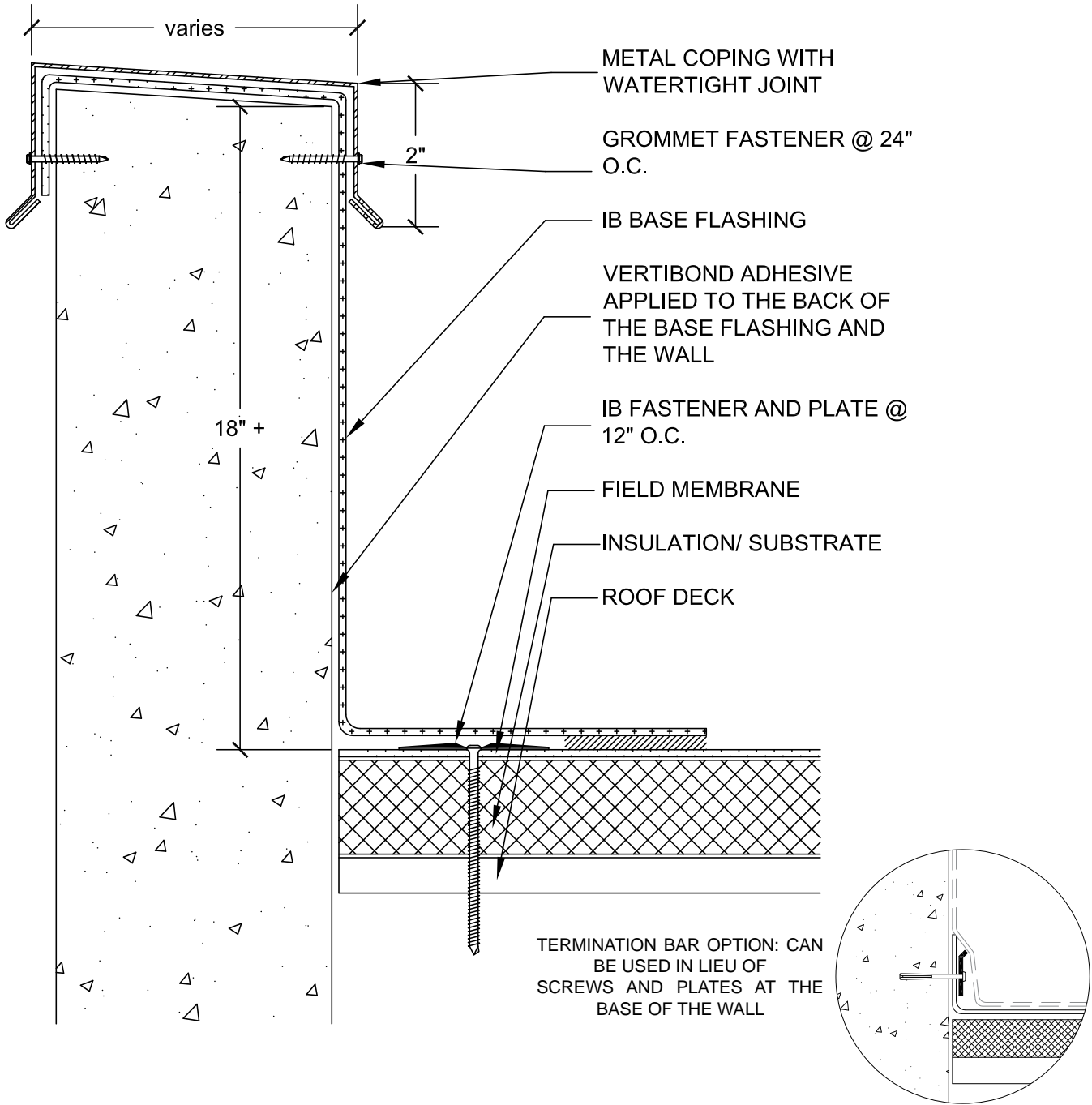
SCALE: NTS

APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
 REV: AS 11-08

ADHERED PARAPET WALL WITH METAL COPING



NOTES:

1. IB VERTIBOND BONDING ADHESIVE, APPLIED AT THE NOMINAL RATE OF 2 GALS. PER SQUARE (50% TO THE BACK OF THE SHEET AND 50% TO THE SUBSTRATE) MANDATORY ON BASE FLASHING HEIGHTS OF <18" (GREATER THAN), OPTIONAL ON HEIGHTS >18" (LESS THAN).
2. RETROFIT ROOFS REQUIRE ALL EXISTING BASE FLASHING TO BE REMOVED BEFORE INSTALLING IB MEMBRANE BASE FLASHINGS.

PROJECT NAME:

TITLE:

MB-11 ADHERED PARAPET WALL WITH METAL COPING

** Click here to link to the AutoCAD™ drawing*

SCALE: NTS

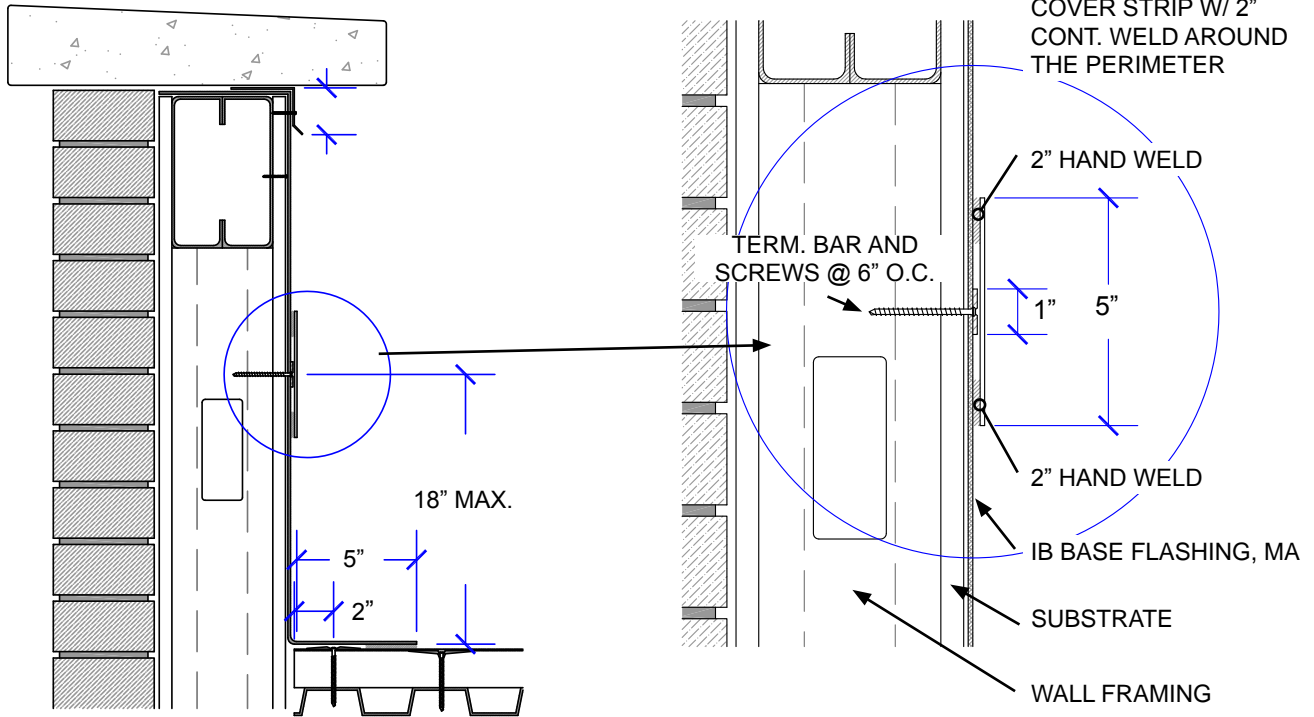
APPROVED BY:

DRAWN BY: A.SCHWAB

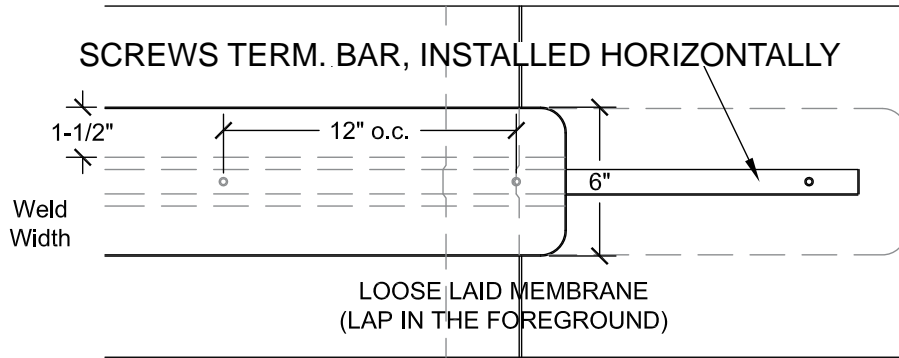
PLOT DATE: 11-08
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LOOSE LAID HIGH WALL TERMINATION BAR ATTACHMENT



FRONT VIEW



NOTES:

1. THE FOLLOWING DETAIL CAN BE USED FOR MECHANICALLY ATTACHED BASE FLASHING. FULLY ADHERED BASE FLASHING DOES NOT REQUIRE ADDITIONAL FASTENER ATTACHMENT IN THE CENTER OF THE SHEET AS SHOWN.
2. USE IB 1" ALUMINUM TERMINATION BAR WITH APPROVED SCREW FASTENERS.
3. 18" MAX. SPACING BETWEEN TERMINATION BARS UNLESS TECHNICAL VARIANCE BY IB TECHNICAL SERVICES, ALSO SEE NOTE 1.
4. MIN... 1.5" PERIMETER WELD AROUND THE COVER STRIP.

PROJECT NAME:

TITLE:

MB-12 LOOSE LAID HIGH WALL TERMINATION BAR ATTACHMENT

** Click here to link to the AutoCAD™ drawing*

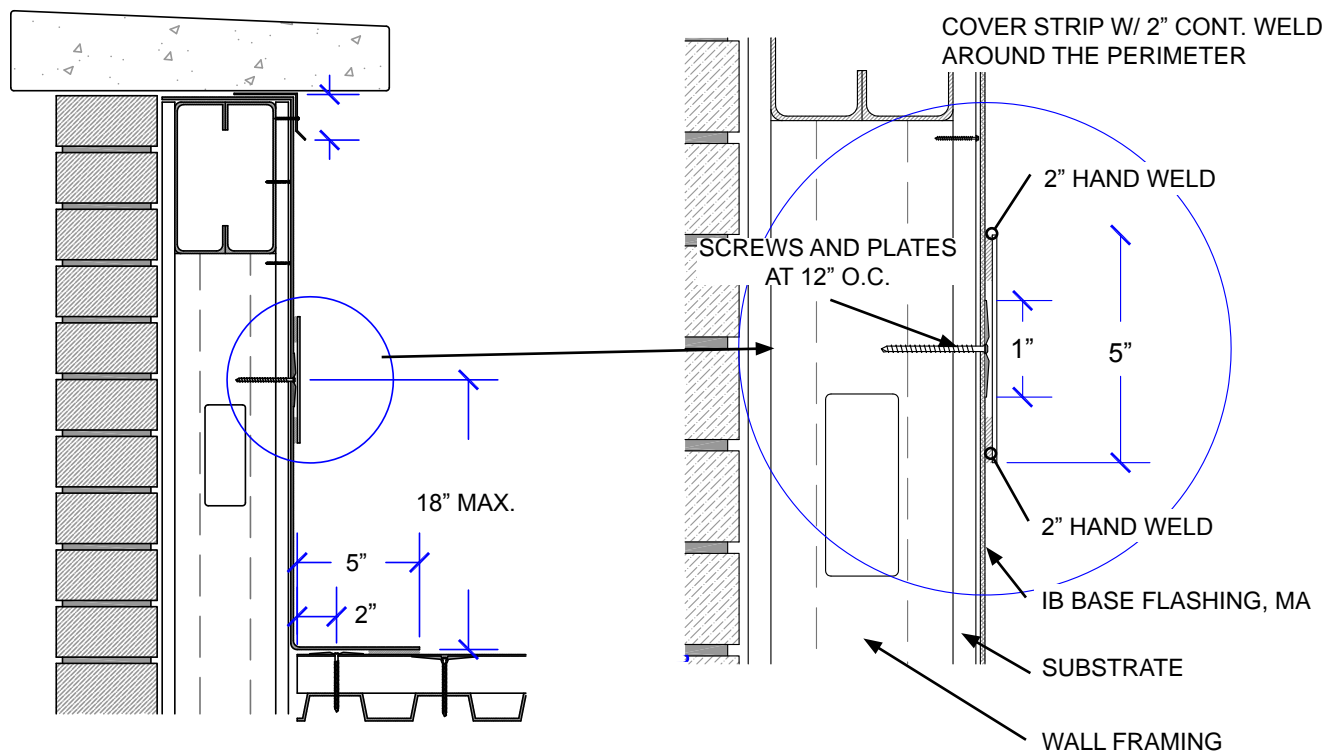
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APPROVED BY:

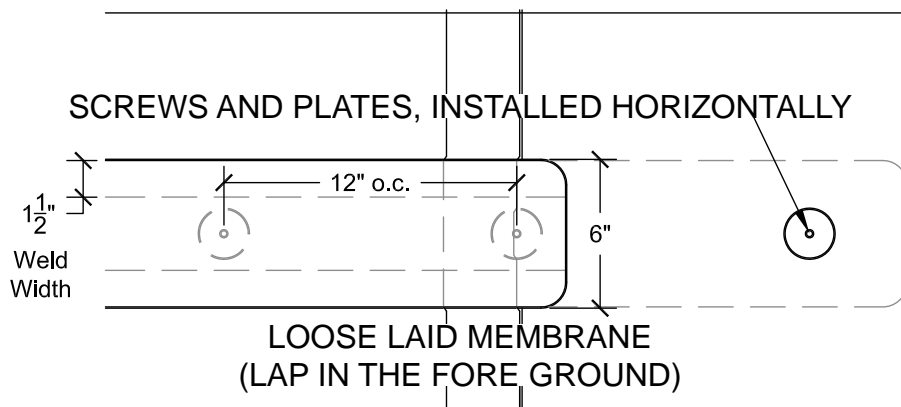
DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
 REV: AS 11-08

LOOSE LAID HIGH WALL SCREWS & PLATES ATTACHMENT



FRONT VIEW



NOTES:

1. THE FOLLOWING DETAIL CAN BE USED FOR MECHANICALLY ATTACHED BASE FLASHING. FULLY ADHERED BASE FLASHING DOES NOT REQUIRE ADDITIONAL FASTENER ATTACHMENT IN THE CENTER OF THE SHEET AS SHOWN.
2. USE IB 1" ALUMINUM TERMINATION BAR WITH APPROVED SCREW FASTENERS.
3. 18" MAX. SPACING BETWEEN TERMINATION BARS UNLESS TECHNICAL VARIANCE BY IB TECHNICAL SERVICES, ALSO SEE NOTE 1.
4. MIN. 1.5" PERIMETER WELD AROUND THE COVER STRIP.

PROJECT NAME:

TITLE: **MB-13 LOOSE LAID HIGH WALL SCREWS & PLATES ATTACHMENT**

** Click here to link to the AutoCAD™ drawing*

SCALE: NTS

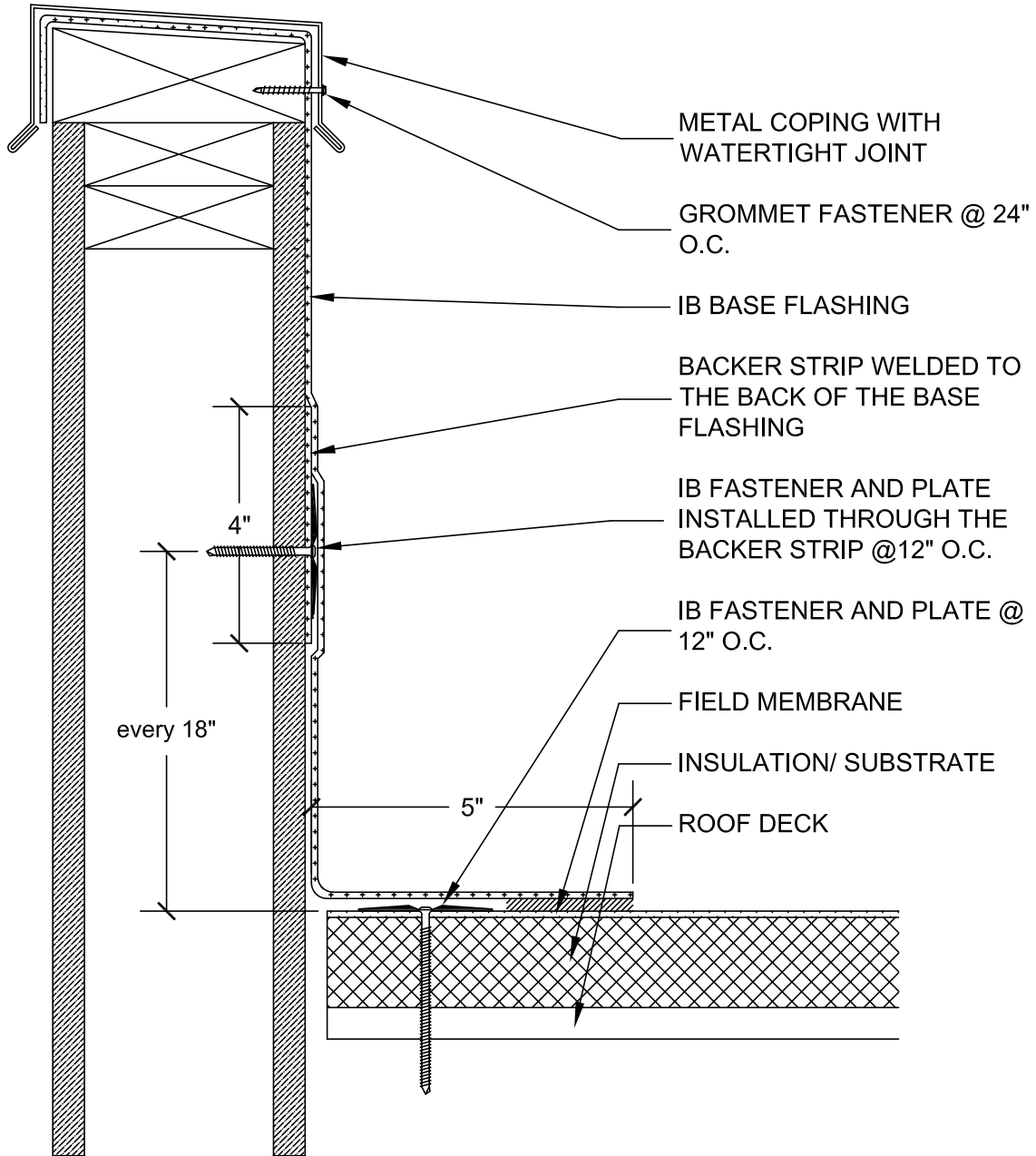
APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
REV: AS 11-08

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BACKER-STRIP ATTACHMENT



NOTES:

1. THE FOLLOWING DETAIL CAN BE USED FOR MECHANICALLY ATTACHED BASE FLASHING. FULLY ADHERED BASE FLASHING DOES NOT REQUIRE ADDITIONAL FASTENER ATTACHMENT IN THE CENTER OF THE SHEET AS SHOWN.
2. 18" MAX. SPACING BETWEEN BACKER STRIPS UNLESS TECHNICAL VARIANCE BY IB TECHNICAL SERVICES, ALSO SEE NOTE 1.
3. MIN.1.5" PERIMETER WELD OF THE BACKER STRIP TO THE BACK OF THE SHEET.

PROJECT NAME:

TITLE:

MB-14 BACKER-STRIP ATTACHMENT

** Click here to link to the AutoCAD™ drawing*

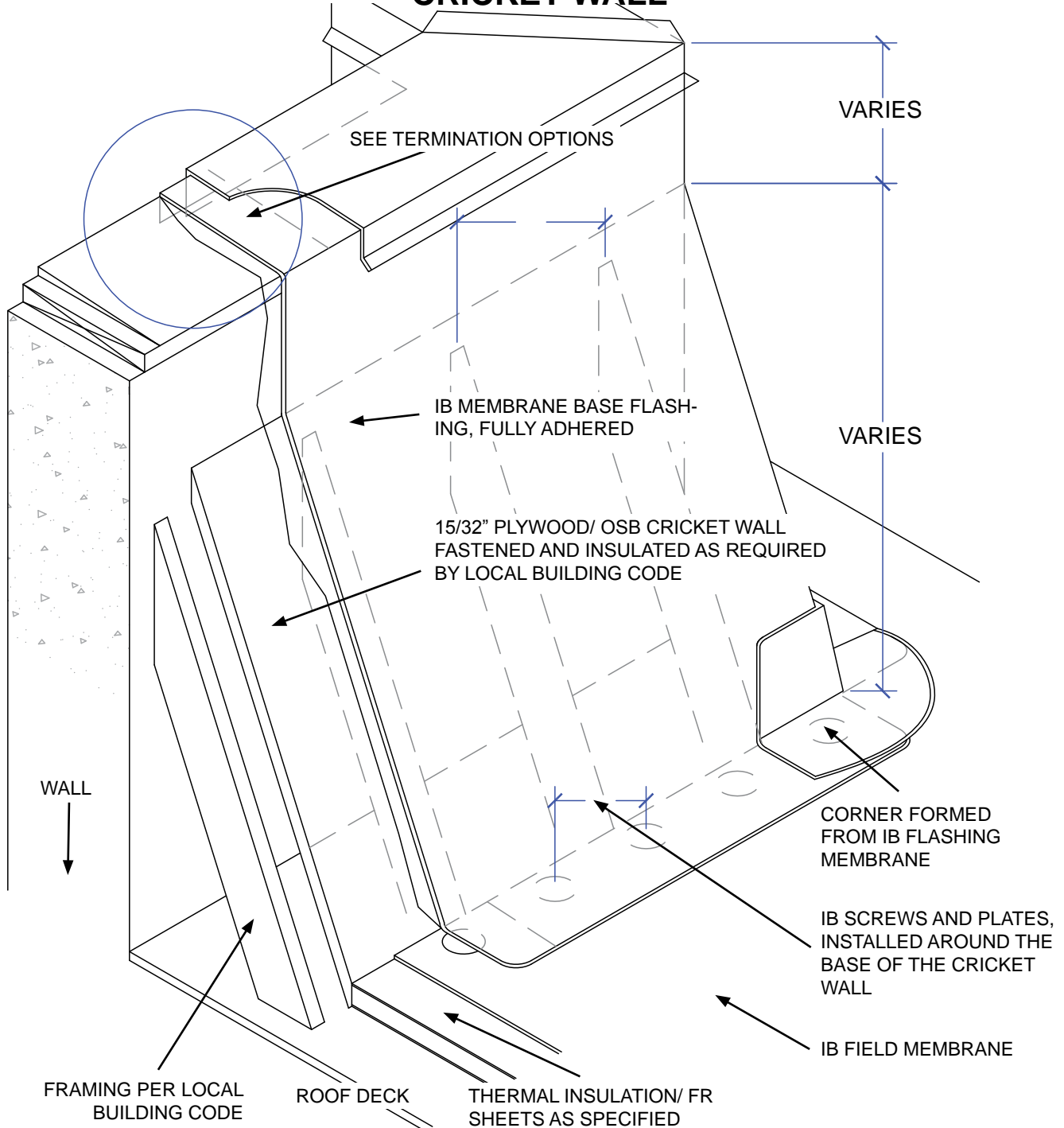
SCALE: NTS

APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE:11-08
 REV: AS 11-08

CRICKET-WALL



NOTES:

1. IB VERTIBOND BONDING ADHESIVE, APPLIED AT THE NOMINAL RATE OF 2 GALS. PER SQUARE (50% TO THE BACK OF THE SHEET AND 50% TO THE SUBSTRATE) MANDATORY ON BASE FLASHING HEIGHTS OF <18" (GREATER THAN), OPTIONAL ON HEIGHTS >18" (LESS THAN).
2. RETROFIT ROOFS REQUIRE ALL EXISTING BASE FLASHING TO BE REMOVED BEFORE INSTALLING IB MEMBRANE BASE FLASHINGS.

PROJECT NAME:

TITLE:

MB-15 CRICKET-WALL

** Click here to link to the AutoCAD™ drawing*

SCALE: NTS

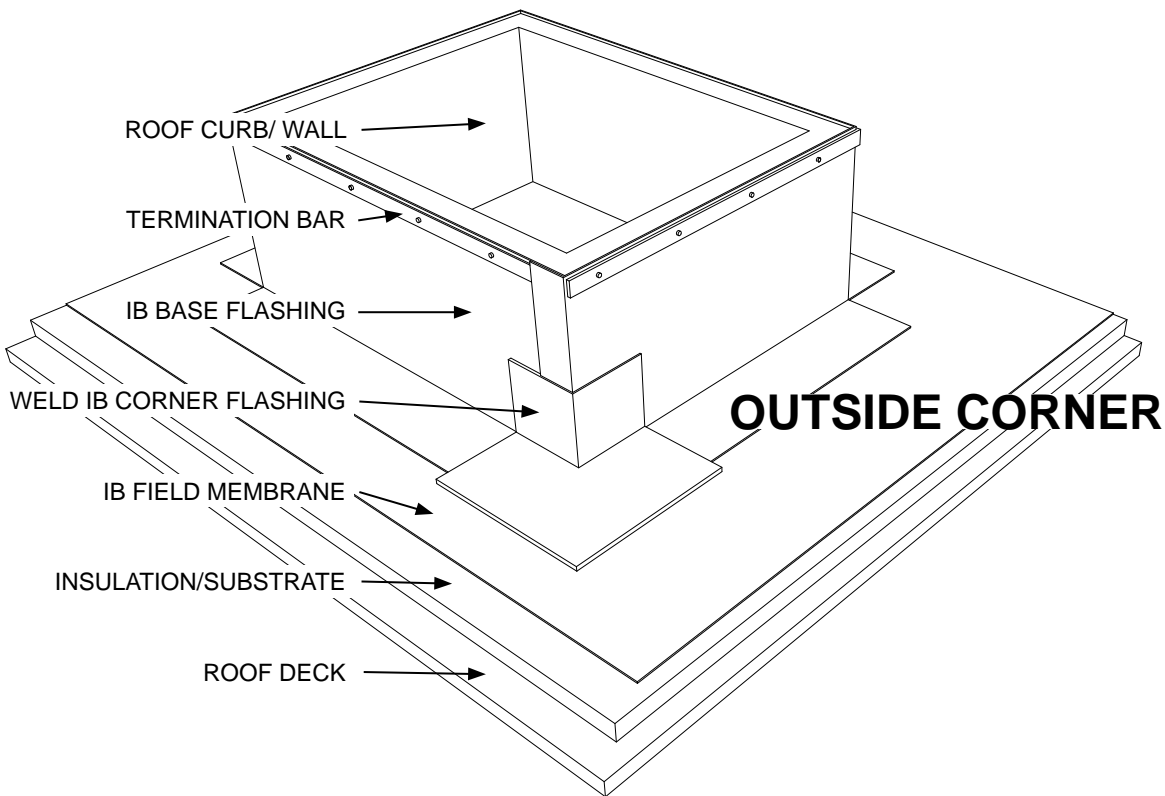
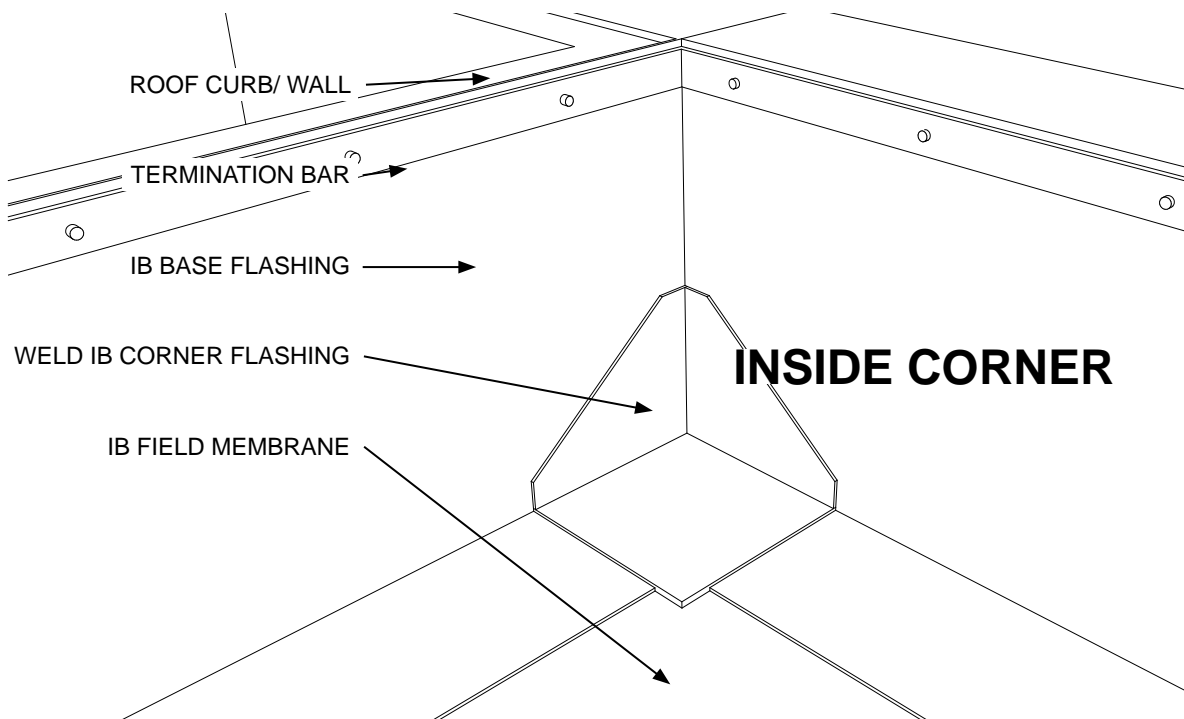
APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
REV: AS 11-08

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INSIDE / OUTSIDE CORNERS



PROJECT NAME:

TITLE:

MB-16 INSIDE / OUTSIDE CORNERS

** Click here to link to the AutoCAD™ drawing*

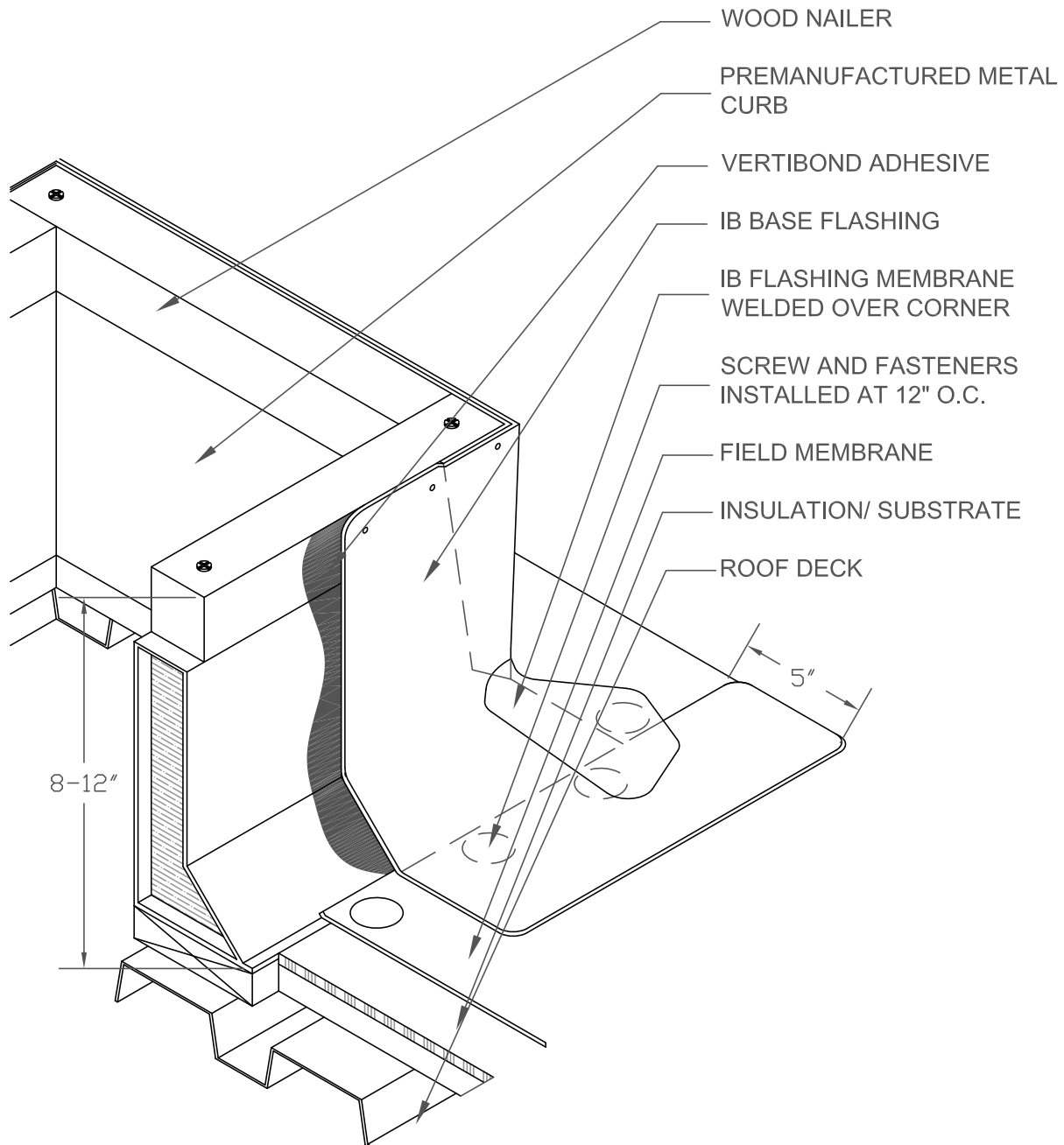
SCALE: NTS

APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
 REV: AS 11-08

ROOF CURB/ HATCH DETAIL



NOTES:

1. FILL SUBSTRATE FOR THE CURBS SHOULD BE ONE OF THE FOLLOWING: PERLITE, POLYISOCYANURATE, GYPSUM BASED BOARD (LIKE DENS DECK™ OR SECUROCK™), EXTERIOR GRADE PLY WOOD OR ORIENTED STRAND BOARD. USE OF INSULATION ADHESIVE LIKE INSTASTIK™ IS PREFERRED TO PREVENT FASTENERS FROM PENETRATING AND CREATING A SAFETY HAZARD TO ROOF HATCH USERS.
2. COUNTER-FLASHING CAN BE OMITTED FROM ROOF HATCHES THAT HAVE DESIGNED INTO THE HATCH, A CRIMPING SECURMENT SYSTEM (USE OF BACKER-ROD AND CRIMPED PUNCHES)

PROJECT NAME:

TITLE:

MB-17 ROOF CURB/ HATCH DETAIL (CANTED)

** Click here to link to the AutoCAD™ drawing*

SCALE: NTS

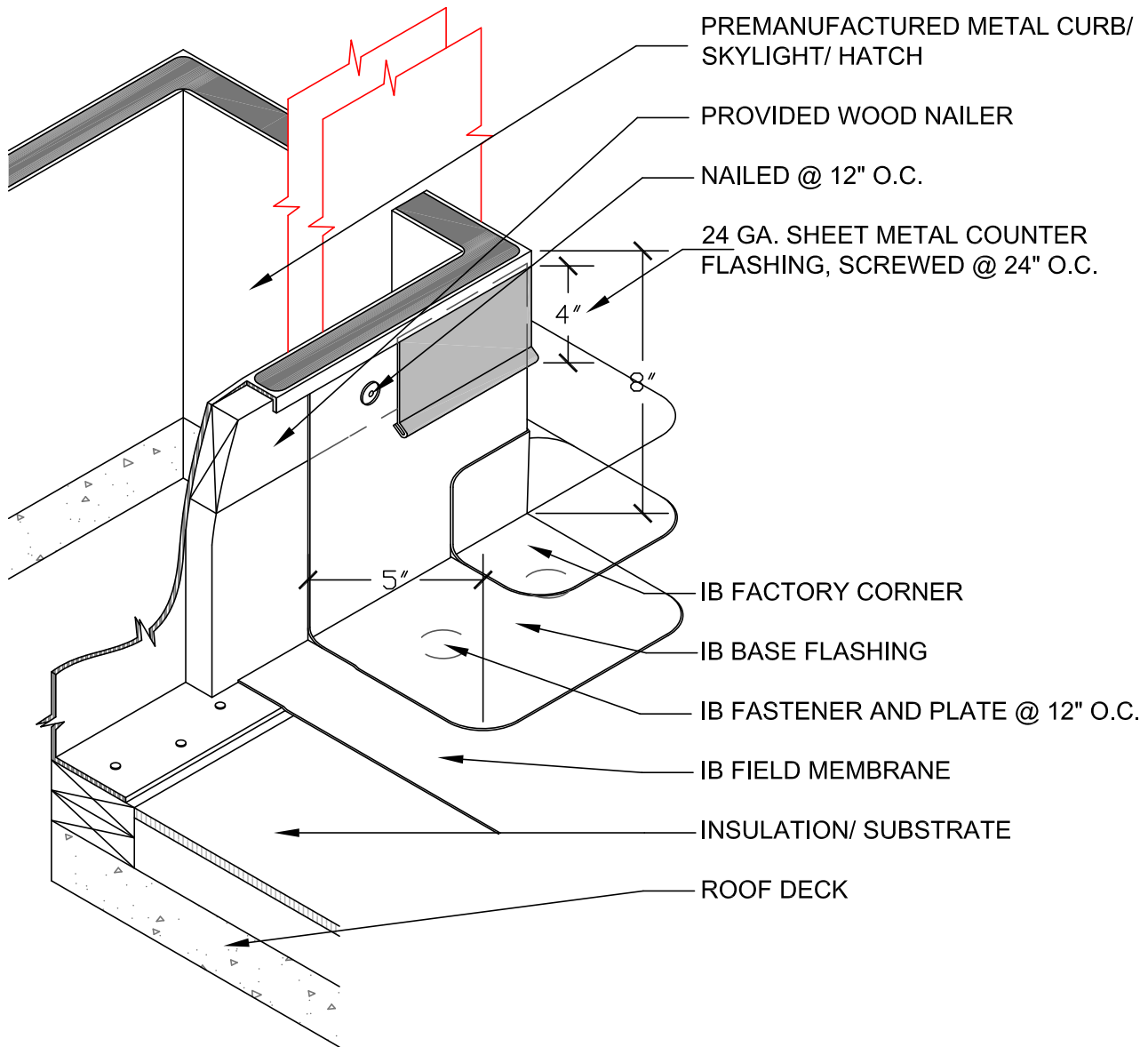
APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
REV: AS 11-08

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ROOF CURB/ HATCH DETAIL



NOTES:

1. FILL SUBSTRATE FOR THE CURBS SHOULD BE ONE OF THE FOLLOWING: PERLITE, POLYISOCYANURATE, GYPSUM BASED BOARD (LIKE DENS DECK™ OR SECURROCK™), EXTERIOR GRADE PLY WOOD OR ORIENTED STRAND BOARD. USE OF INSULATION ADHESIVE LIKE INSTA-STIK™ IS PREFERRED TO PREVENT FASTENERS FROM PENETRATING AND CREATING A SAFETY HAZARD TO ROOF HATCH USERS.
2. COUNTER-FLASHING CAN BE OMITTED FROM ROOF HATCHES THAT HAVE DESIGNED INTO THE HATCH, A CRIMPING SECUREMENT SYSTEM (USE OF BACKER-ROD AND CRIMPED PUNCHES

PROJECT NAME:

TITLE:

MB-18 ROOF CURB/ HATCH DETAIL

** Click here to link to the AutoCAD™ drawing*

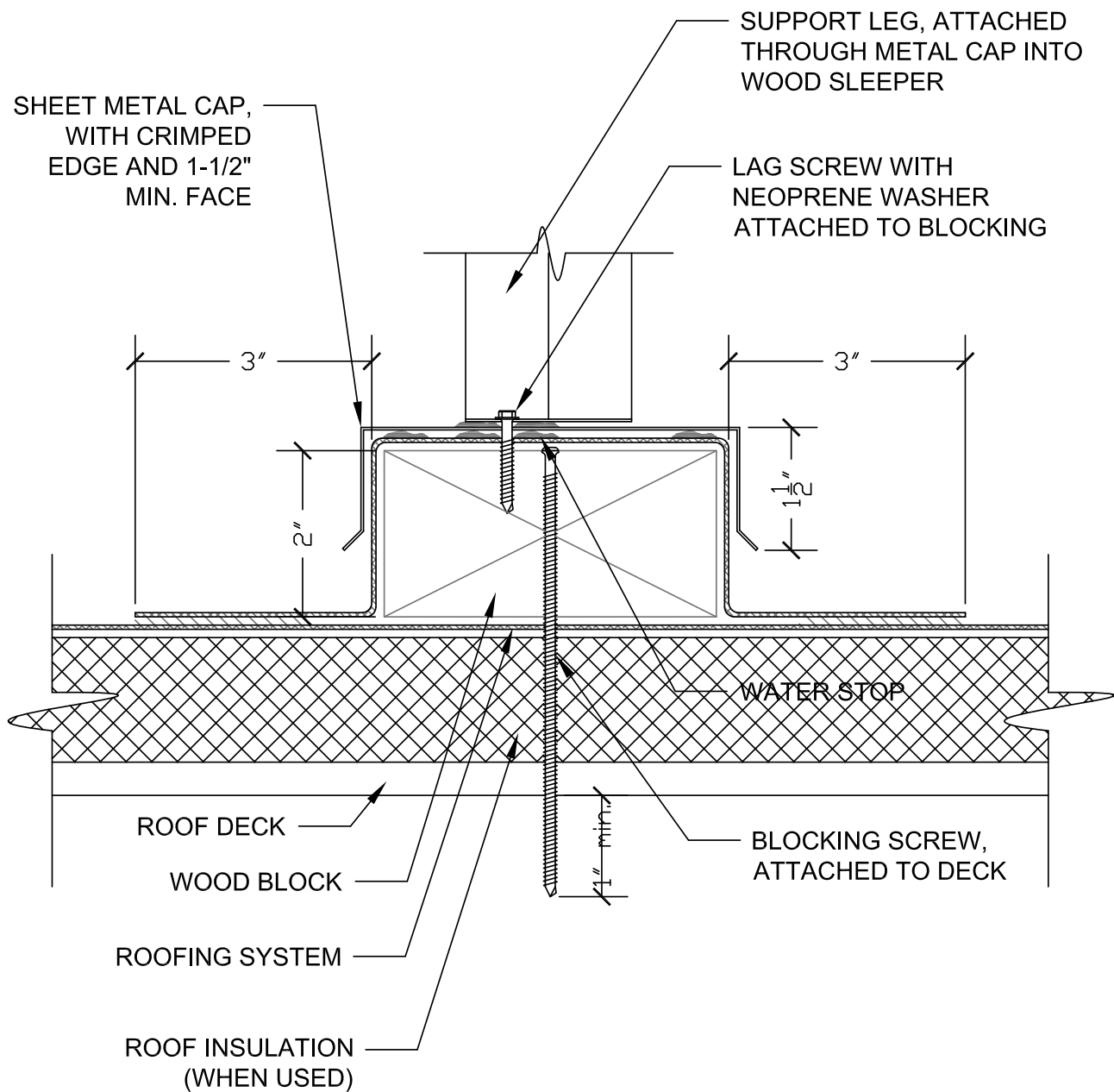
SCALE: NTS

APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
REV: AS 11-08

ENCAPSULATED SUPPORT DETAIL



NOTES:

1. THE ABOVE DETAIL CAN BE USED FOR AIR CONDITIONERS AND AS A BETTER WAY OF SUPPORTING DUCT WORK.
2. THE ABOVE DETAIL CAN BE USED AS A AREA DIVIDER SEPARATING AN EXISTING BUR, MODIFIED BITUMEN, OR SINGLE PLY ROOFING SYSTEM. THE TOP SEAL (SHOWN WELDED TO THE UNDERLYING SHEET AT THE TOP OF THE CURB) WILL BE REPLACED WITH A WATER-CUTOFF SEAL OF THE OVER LAPPING IB MEMBRANE TO THE UNDERLYING SHEET.
3. SEAL ALL FASTENERS THAT PENETRATE THE TOP OF THIS DETAIL (LIKE LAG SCREWS, ETC.) TO PREVENT WATER INTRUSION.

PROJECT NAME:

TITLE:

MB-19 ENCAPSULATED SUPPORT DETAIL

** Click here to link to the AutoCAD™ drawing*

SCALE: NTS

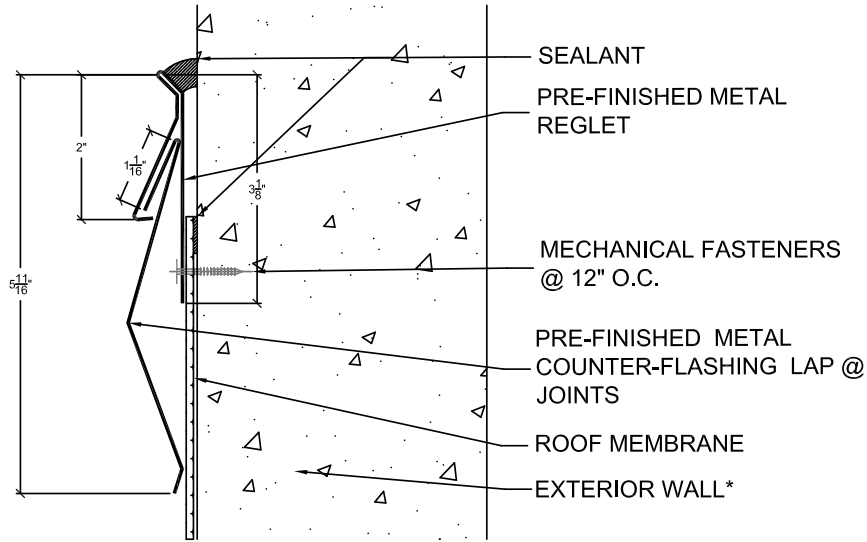
APPROVED BY:

DRAWN BY: A.SCHWAB

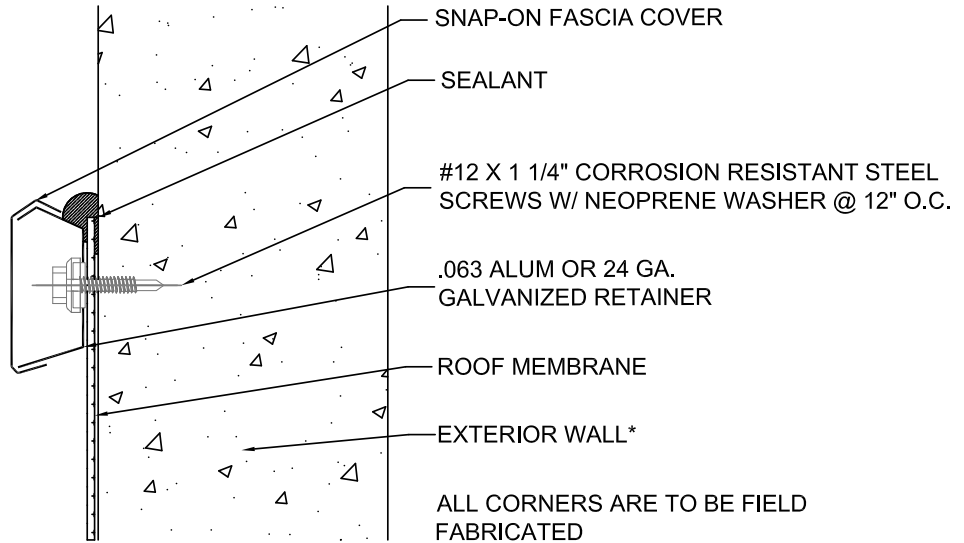
PLOT DATE:11-08
 REV: AS 11-08

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WP HICKMAN COUNTER-FLASHINGS



CONCEALED MOUNT COUNTER FLASHING



SNAP-ON FACING COUNTER FLASHING

* NOT TO BE USED OVER SIDING OR STUCCO FINISHED WALL SURFACES. CONCRETE WALLS WITH FINISH PAINT MUST BE SCRAPPED BARE AND FREE OF ALL CONTAMINANTS TO ALLOW FOR ADHESIVES TO SEAL TO THE CONCRETE SURFACE.

PROJECT NAME:

TITLE:

MB-20 WP HICKMAN COUNTER FLASHINGS

** Click here to link to the AutoCAD™ drawing*

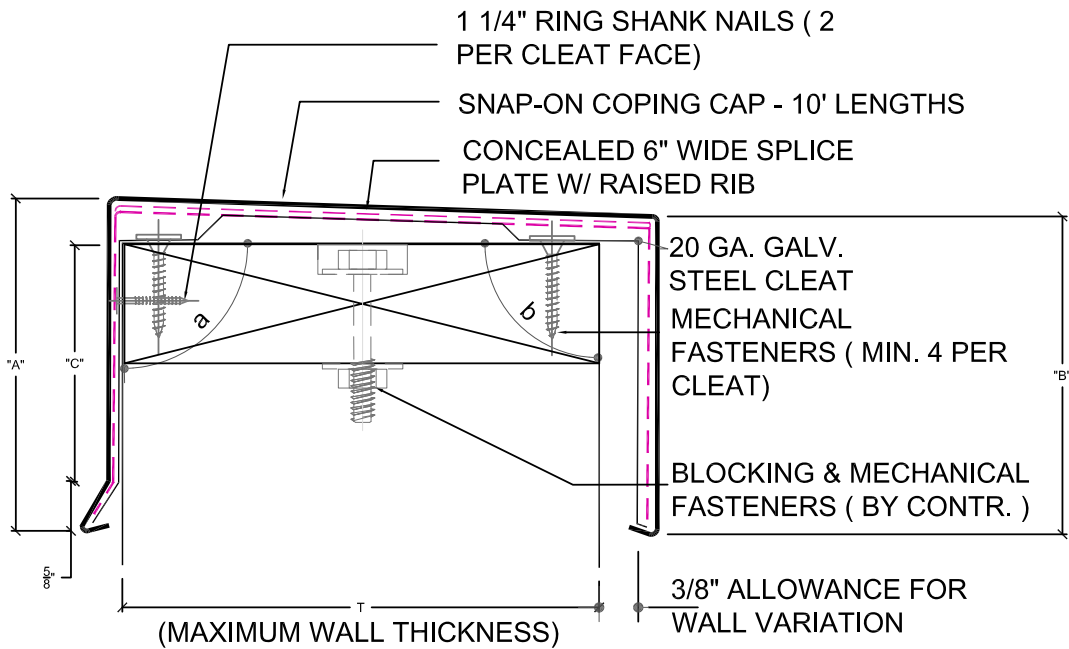
SCALE: NTS

APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
 REV: AS 11-08

WP HICKMAN PERMA-SNAP COPING CAP



PROJECT NAME:

TITLE:

MB-21 WP HICKMAN PERMA-SNAP COPING CAP

** Click here to link to the AutoCAD™ drawing*

SCALE: NTS

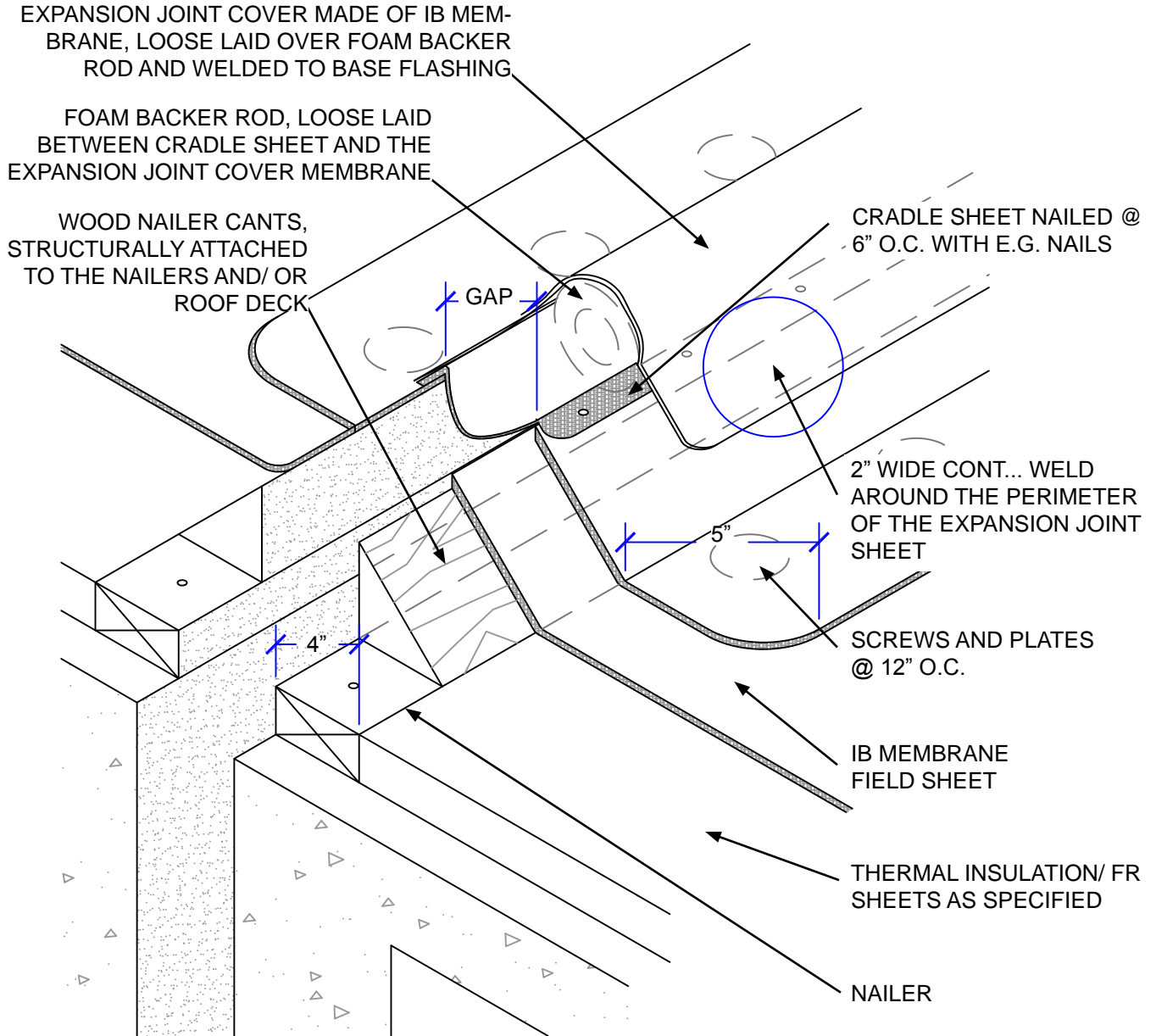
APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE:11-08
 REV: AS 11-08

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CANTED CURB EXPANSION/ AREA DIVIDER DETAIL



PROJECT NAME:

TITLE:

MX-1 CANTED CURB EXPANSION/ AREA DIVIDER DETAIL

** Click here to link to the AutoCAD™ drawing*

SCALE: NTS

APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
REV: AS 11-08

CURB TO CURB EXPANSION/ AREA DIVIDER DETAIL

EXPANSION JOINT COVER MADE OF IB MEMBRANE, LOOSE LAID OVER FOAM BACKER ROD AND WELDED TO BASE FLASHING

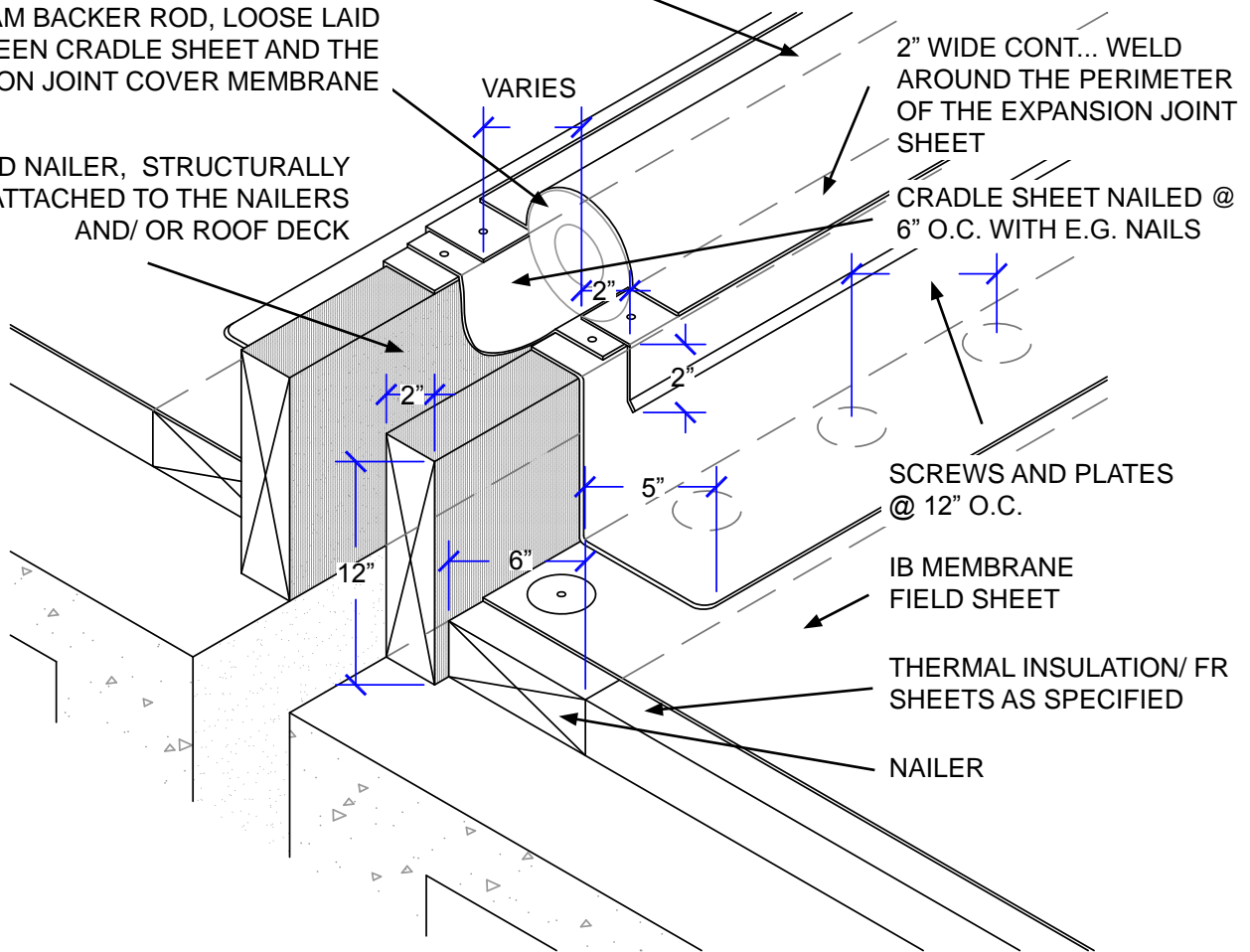
FOAM BACKER ROD, LOOSE LAID BETWEEN CRADLE SHEET AND THE EXPANSION JOINT COVER MEMBRANE

WOOD NAILER, STRUCTURALLY ATTACHED TO THE NAILERS AND/ OR ROOF DECK

VARIES

2" WIDE CONT... WELD AROUND THE PERIMETER OF THE EXPANSION JOINT SHEET

CRADLE SHEET NAILED @ 6" O.C. WITH E.G. NAILS



SCREWS AND PLATES @ 12" O.C.

IB MEMBRANE FIELD SHEET

THERMAL INSULATION/ FR SHEETS AS SPECIFIED

NAILER

PROJECT NAME:

TITLE:

MX-2 CURB TO CURB EXPANSION AREA DIVIDER DETAIL

** Click here to link to the AutoCAD™ drawing*

SCALE: NTS

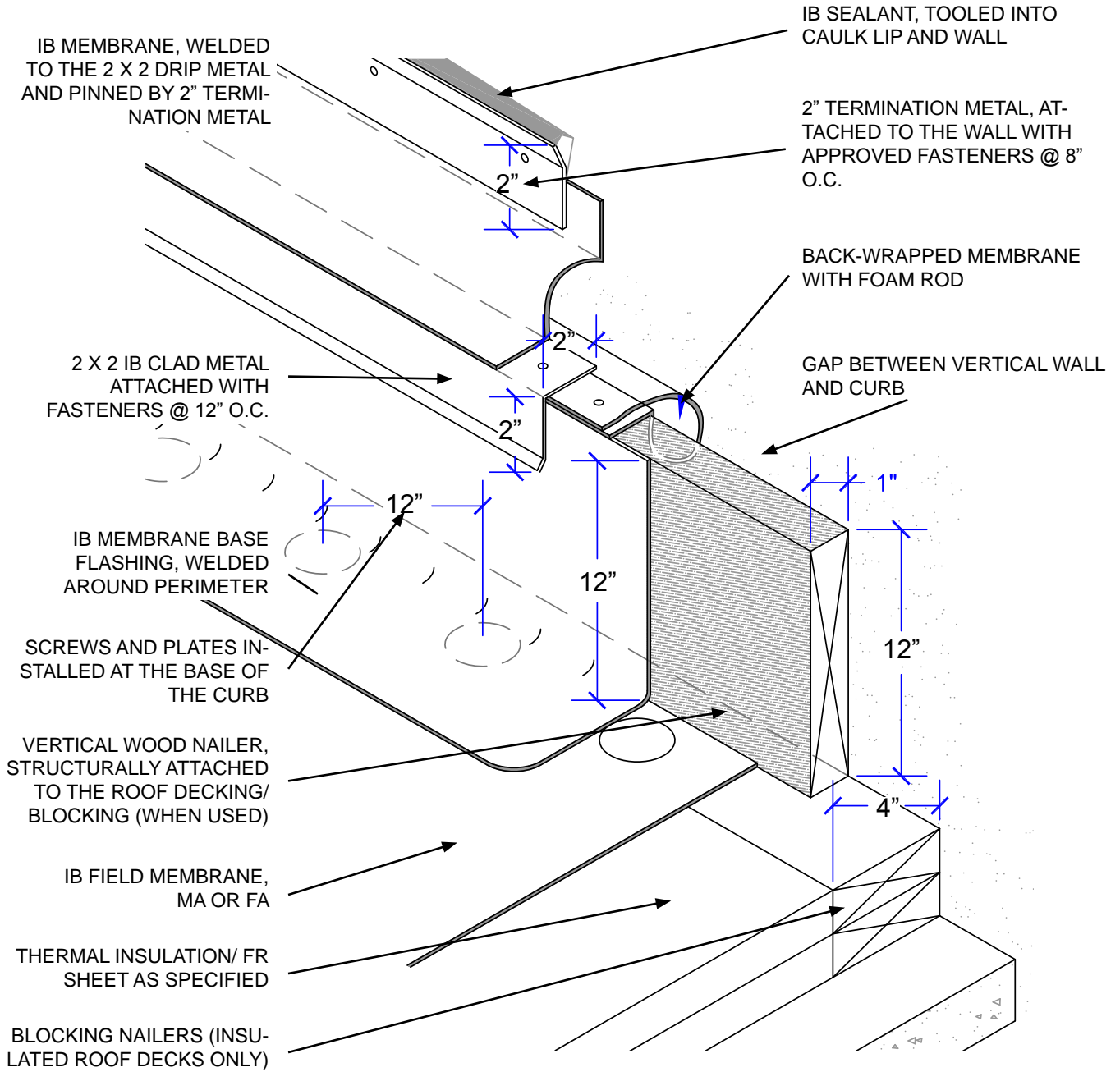
APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
 REV: AS 11-08

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ROOF TO WALL EXPANSION JOINT DETAIL



PROJECT NAME:

TITLE:

MX-3 ROOF TO WALL EXPANSION JOINT DETAIL

** Click here to link to the AutoCAD™ drawing*

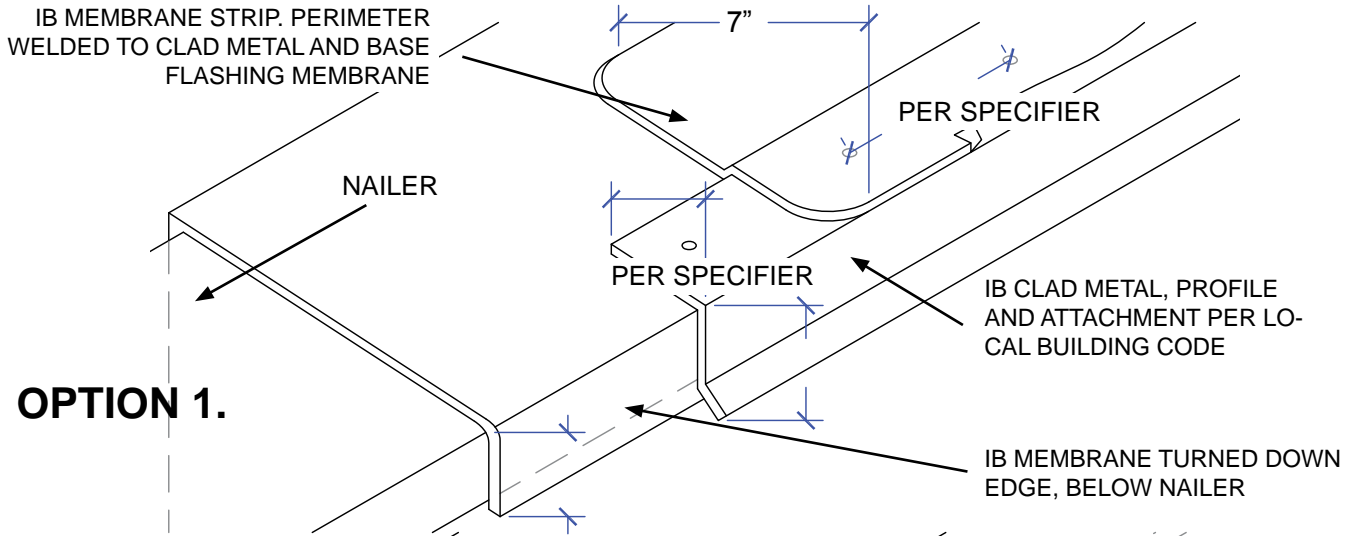
SCALE: NTS

APPROVED BY:

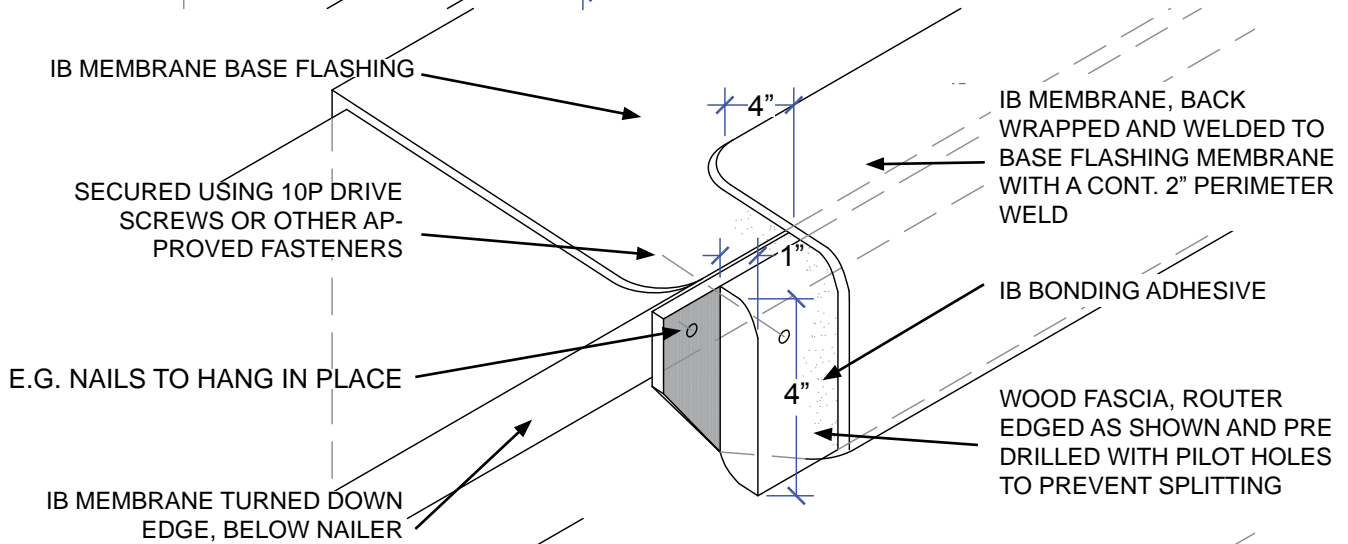
DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
 REV: AS 11-08

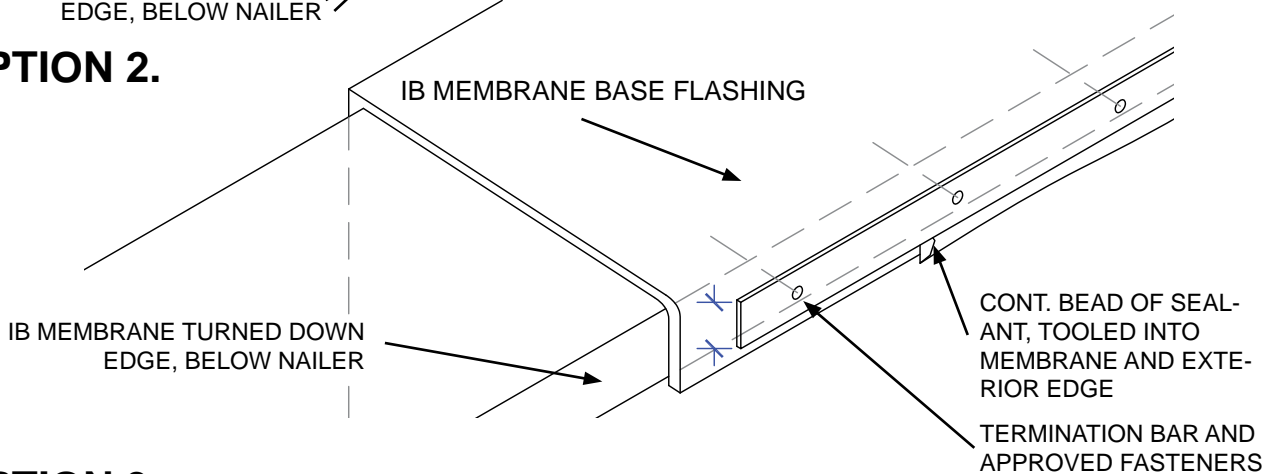
BASE FLASHING TERMINATION OPTIONS DETAIL



OPTION 1.



OPTION 2.



OPTION 3.

PROJECT NAME:

TITLE:

MT-1 BASE FLASHING TERMINATION OPTIONS DETAIL

** Click here to link to the AutoCAD™ drawing*

SCALE: NTS

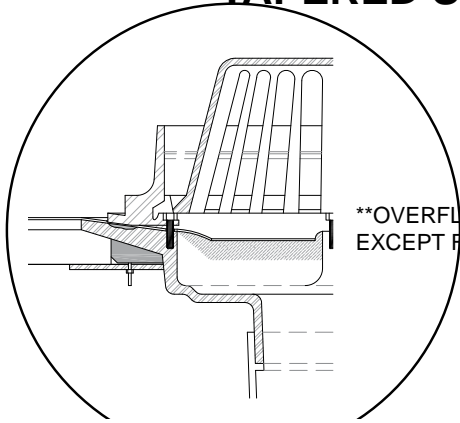
APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
REV: AS 11-08

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TAPERED SUMP CLAMPING RING DRAIN

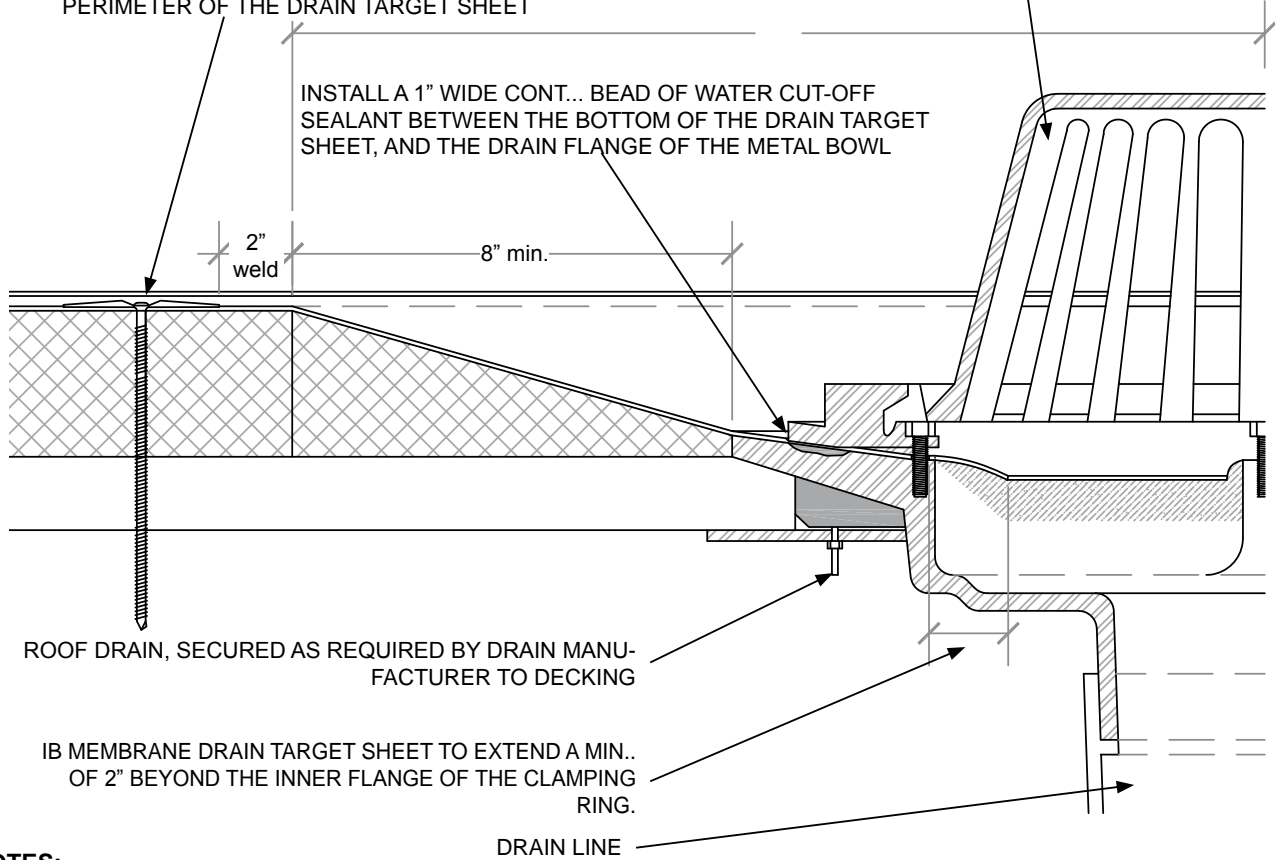


**OVERFLOW DRAINS ARE THE SAME EXCEPT FOR THE RESTRICTOR COLLAR

INSTALL SCREWS AND PLATES @ 12" O.C. AROUND PERIMETER OF THE DRAIN TARGET SHEET

INSTALL INTER-LOCKING METAL STRAINER AND BASKET OVER THE DRAIN TARGET SHEET

INSTALL A 1" WIDE CONT... BEAD OF WATER CUT-OFF SEALANT BETWEEN THE BOTTOM OF THE DRAIN TARGET SHEET, AND THE DRAIN FLANGE OF THE METAL BOWL



NOTES:

1. THIS DETAIL IS TO BE USED FOR NEW CONSTRUCTION RE-ROOF, AND RE-COVER APPLICATIONS.
2. RE-ROOF AND RE-COVER INSTALLATIONS: ENSURE THAT NO ASPHALTIC RESIDUE (I.E. PLASTIC ROOF CEMENT, STEEP SLOPE ROOFING ASPHALT, WET PATCH, ETC) COMES IN DIRECT CONTACT WITH THE PVC MEMBRANE.
3. RIGID ROOF INSULATION CAN BE SHAVED TO FORM A ROUND TAPERED SUMP FOR BETTER WATER-FLOW TO THE DRAIN RECEPTACLE.

ALL NON-CLAMPING STYLE ROOF DRAINS ARE NOT COVERED UNDER ANY IB ROOF SYSTEM WARRANTY. PRE-APPROVAL OF ALTERNATE ROOF DRAINS MUST BE MADE FOR ANY 'NDL' OR 'LABOR AND MATERIAL' WARRANTIES.

PROJECT NAME:

TITLE:

MD-1 TAPERED SUMP CLAMPING RING DRAIN

** Click here to link to the AutoCAD™ drawing*

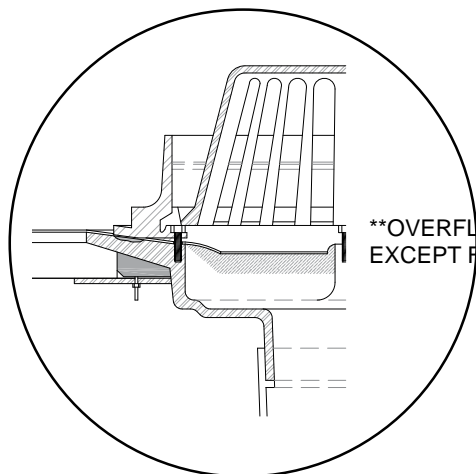
SCALE: NTS

APPROVED BY:

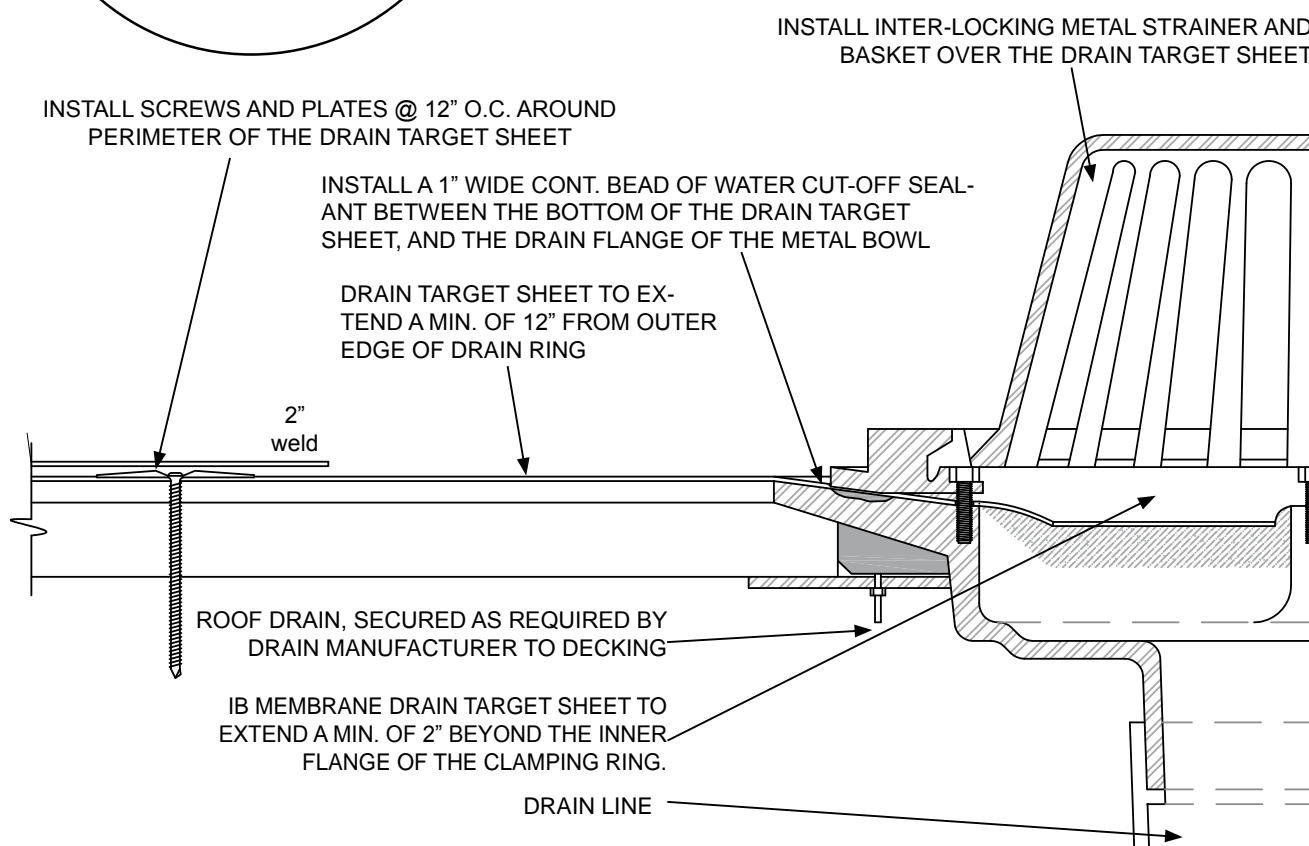
DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
 REV: AS 11-08

CLAMPING RING DRAIN



**OVERFLOW DRAINS ARE THE SAME EXCEPT FOR THE RESTRICTOR COLLAR



NOTES:

1. THIS DETAIL IS TO BE USED FOR NEW CONSTRUCTION RE-ROOF, AND RE-COVER APPLICATIONS.
2. RE-ROOF AND RE-COVER INSTALLATIONS: ENSURE THAT NO ASPHALTIC RESIDUE (I.E. PLASTIC ROOF CEMENT, STEEP SLOPE ROOFING ASPHALT, WET PATCH, ETC) COMES IN DIRECT CONTACT WITH THE PVC MEMBRANE.
3. RIGID ROOF INSULATION CAN BE SHAVED TO FORM A ROUND TAPERED SUMP FOR BETTER WATER-FLOW TO THE DRAIN RECEPTACLE.

ALL NON-CLAMPING STYLE ROOF DRAINS ARE NOT COVERED UNDER ANY IB ROOF SYSTEM WARRANTY. PRE-APPROVAL OF ALTERNATE ROOF DRAINS MUST BE MADE FOR ANY 'NDL' OR 'LABOR AND MATERIAL' WARRANTIES.

PROJECT NAME:

TITLE:

MD-2 CLAMPING RING DRAIN

** Click here to link to the AutoCAD™ drawing*

SCALE: NTS

APPROVED BY:

DRAWN BY: A.SCHWAB

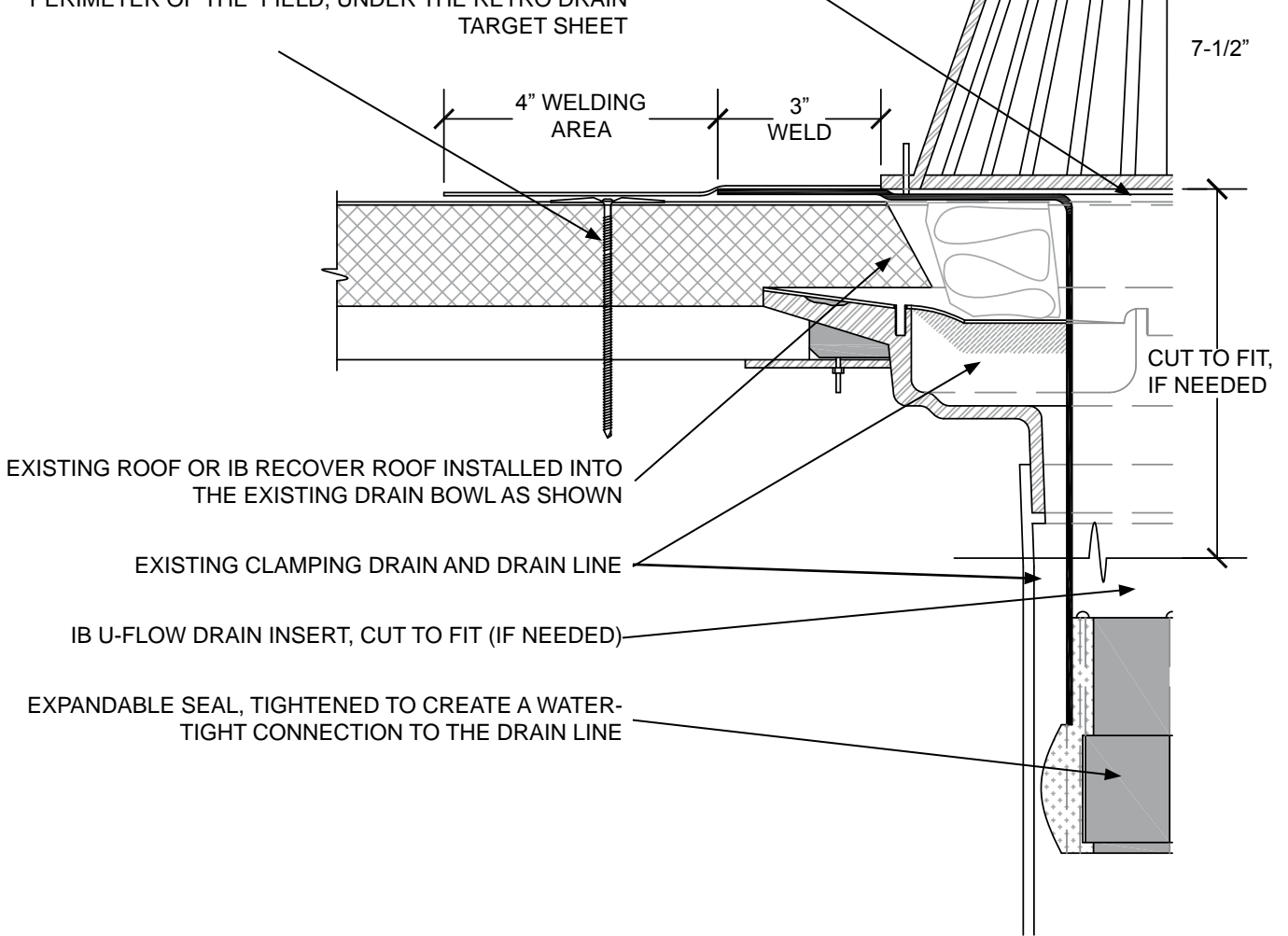
PLOT DATE: 11-08
REV: AS 11-08

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RETROFIT DRAIN

IB U-FLOW DRAIN INSERT INSTALLED OVER THE NEW RECOVER IB ROOF AND SECURED TO THE ROOF DECK WITH SIX (6) FASTENERS PER DRAIN

INSTALL SCREWS AND PLATES @ 12" O.C. AROUND PERIMETER OF THE FIELD, UNDER THE RETRO DRAIN TARGET SHEET



NOTES:

1. THIS DETAIL IS TO BE USED FOR RE-ROOF, AND RE-COVER APPLICATIONS ONLY.
2. RE-ROOF AND RE-COVER INSTALLATIONS: ENSURE THAT NO ASPHALTIC RESIDUE (I.E. PLASTIC ROOF CEMENT, STEEP SLOPE ROOFING ASPHALT, WET PATCH, ETC) COMES IN DIRECT CONTACT WITH THE PVC MEMBRANE.
3. RIGID ROOF INSULATION CAN BE SHAVED TO FORM A ROUND TAPERED SUMP FOR BETTER WATER-FLOW TO THE DRAIN RECEPTACLE.
4. BATT INSULATION TO BE INSTALLED IN THE OPEN SPACE BETWEEN THE DRAIN AND THE INSERT TO PREVENT CONDENSATION BUILD-UP.

PROJECT NAME:

TITLE:

MD-3 RETROFIT DRAIN

** Click here to link to the AutoCAD™ drawing*

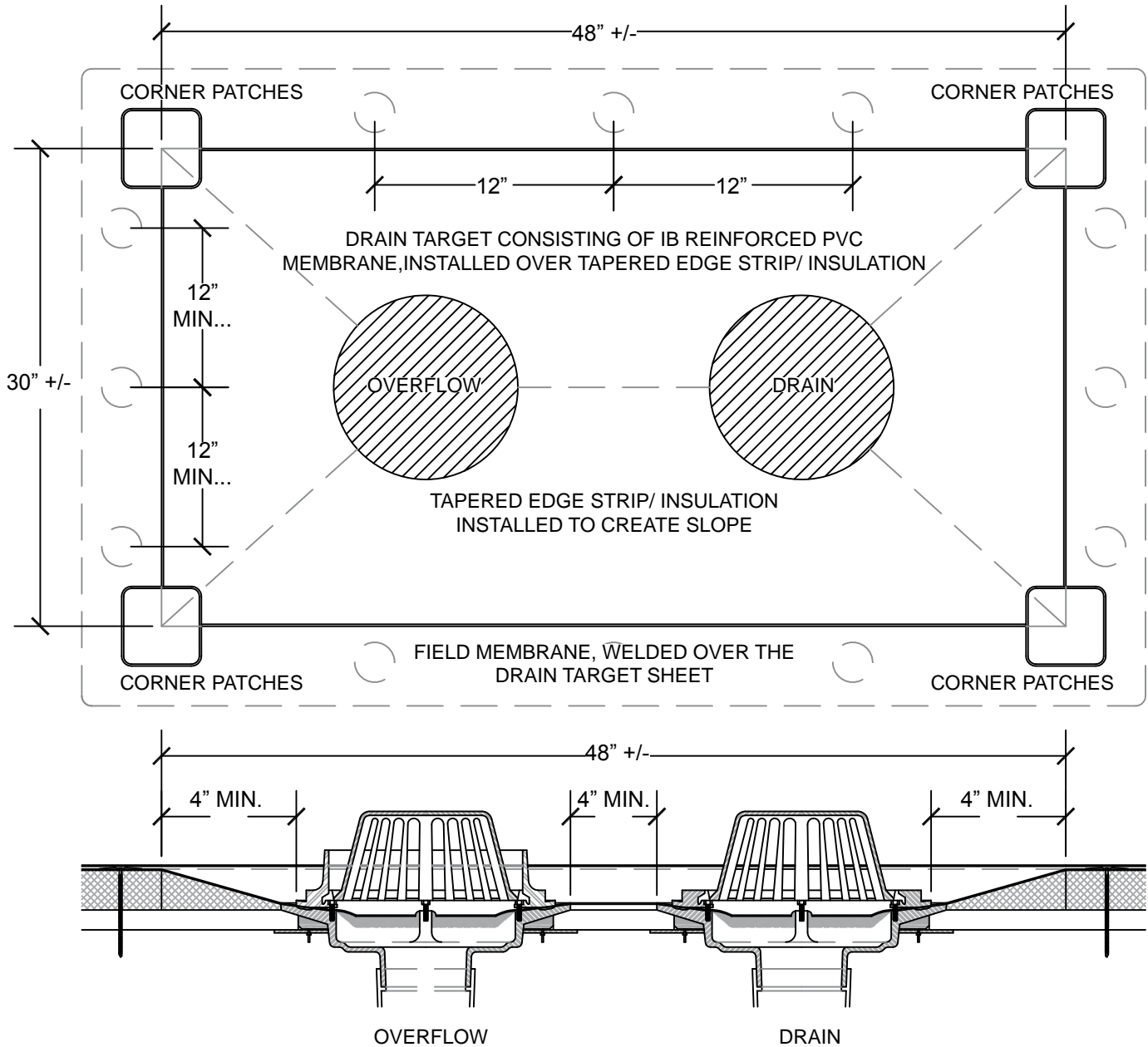
SCALE: NTS

APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
 REV: AS 11-08

DRAIN-OVERFLOW SUMP LAYOUT



NOTES:

1. THIS DETAIL IS GENERIC IN NATURE AND SHOWS A TAPERED SUMP CREATED BY INSULATION.
2. RE-ROOF AND RE-COVER INSTALLATIONS: ENSURE THAT NO ASPHALTIC RESIDUE (I.E. PLASTIC ROOF CEMENT, STEEP SLOPE ROOFING ASPHALT, WET PATCH, ETC) COMES IN DIRECT CONTACT WITH THE PVC MEMBRANE.
3. RIGID ROOF INSULATION CAN BE SHAVED TO FORM A ROUND TAPERED SUMP FOR BETTER WATER-FLOW TO THE DRAIN RECEPTACLE.
4. ALL OTHER, NON-CLAMPING STYLE ROOF DRAINS AND OVERFLOWS MUST BE PRE-APPROVED BY IB ROOF SYSTEMS BEFORE INSTALLATION.

PROJECT NAME:

TITLE:

MD-4 DRAIN-OVERFLOW SUMP LAYOUT

** Click here to link to the AutoCAD™ drawing*

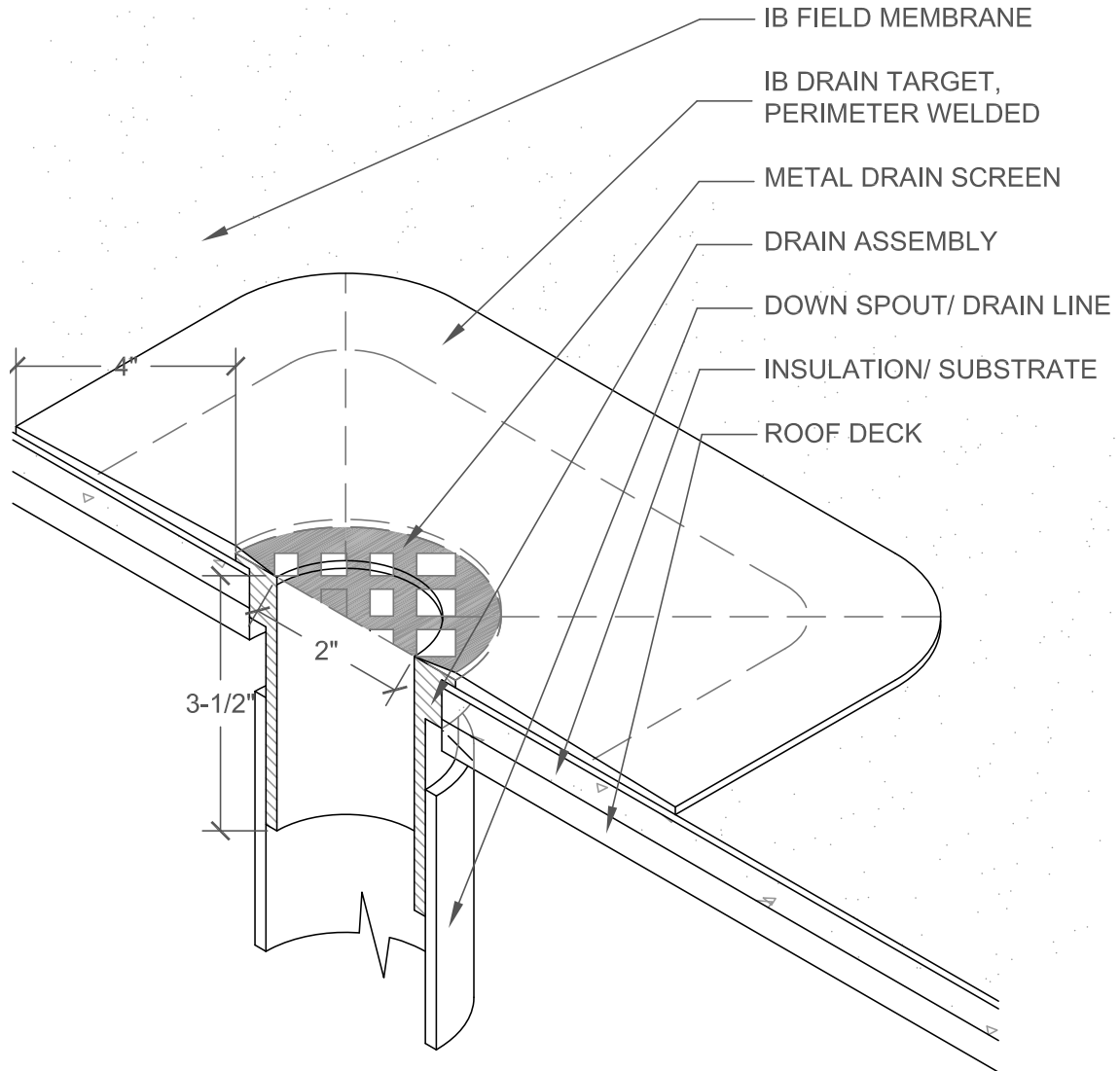
SCALE: NTS

APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
REV: AS 11-08

PVC DROP DRAINS



NOTES:

1. DROP DRAINS CAN BE USED FOR ALL IB PVC SYSTEMS (DECKSHIELD, CHEM GUARD, AND STANDARD MEMBRANE) AS AN ADDITIONAL DRAIN TO HELP ELIMINATE STANDING WATER. THE SIZE OF THE PRIMARY ROOF DRAIN IS TO BE DETERMINED BY THE AHJ PER THE INTERNATIONAL BUILDING CODE, AND THE AHJ. DROP DRAINS ARE NOT INTENDED TO BE USED AS REPLACEMENT DRAINS.
2. PVC DRAIN ASSEMBLY IS TO BE GLUED INTO PVC DOWN-SPOUT OR DRAIN LINE. DO NOT LOOSE LAY DROP DRAIN INTO DRAIN LINE.

PROJECT NAME:

TITLE:

MD-5 PVC DROP DRAINS

** Click here to link to the AutoCAD™ drawing*

SCALE: NTS

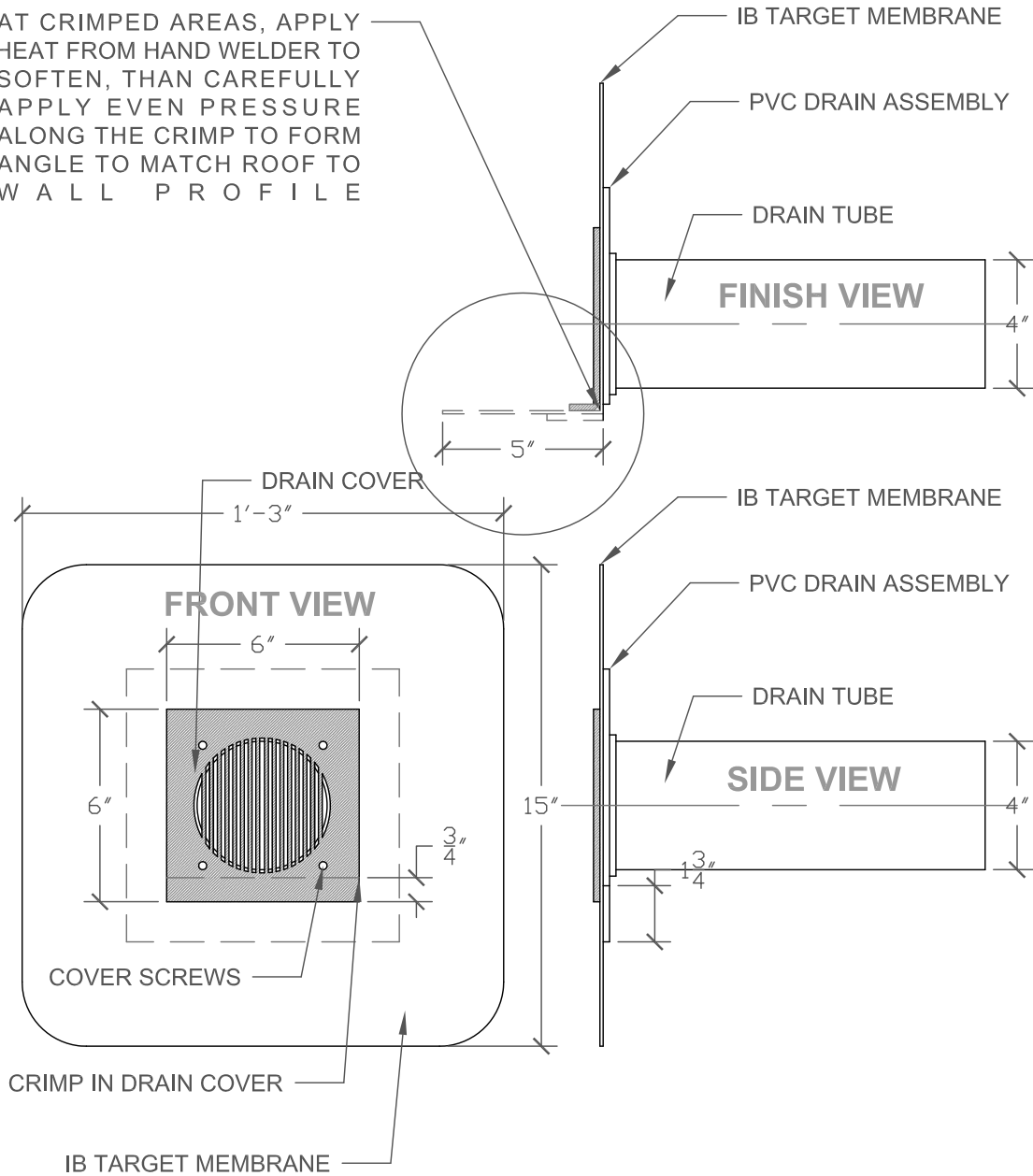
APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
 REV: AS 11-08

PVC SCUPPER-DRAIN

AT CRIMPED AREAS, APPLY HEAT FROM HAND WELDER TO SOFTEN, THAN CAREFULLY APPLY EVEN PRESSURE ALONG THE CRIMP TO FORM ANGLE TO MATCH ROOF TO WALL PROFILE



PROJECT NAME:

TITLE:

MD-6 PVC SCUPPER-DRAIN

** Click here to link to the AutoCAD™ drawing*

SCALE: NTS

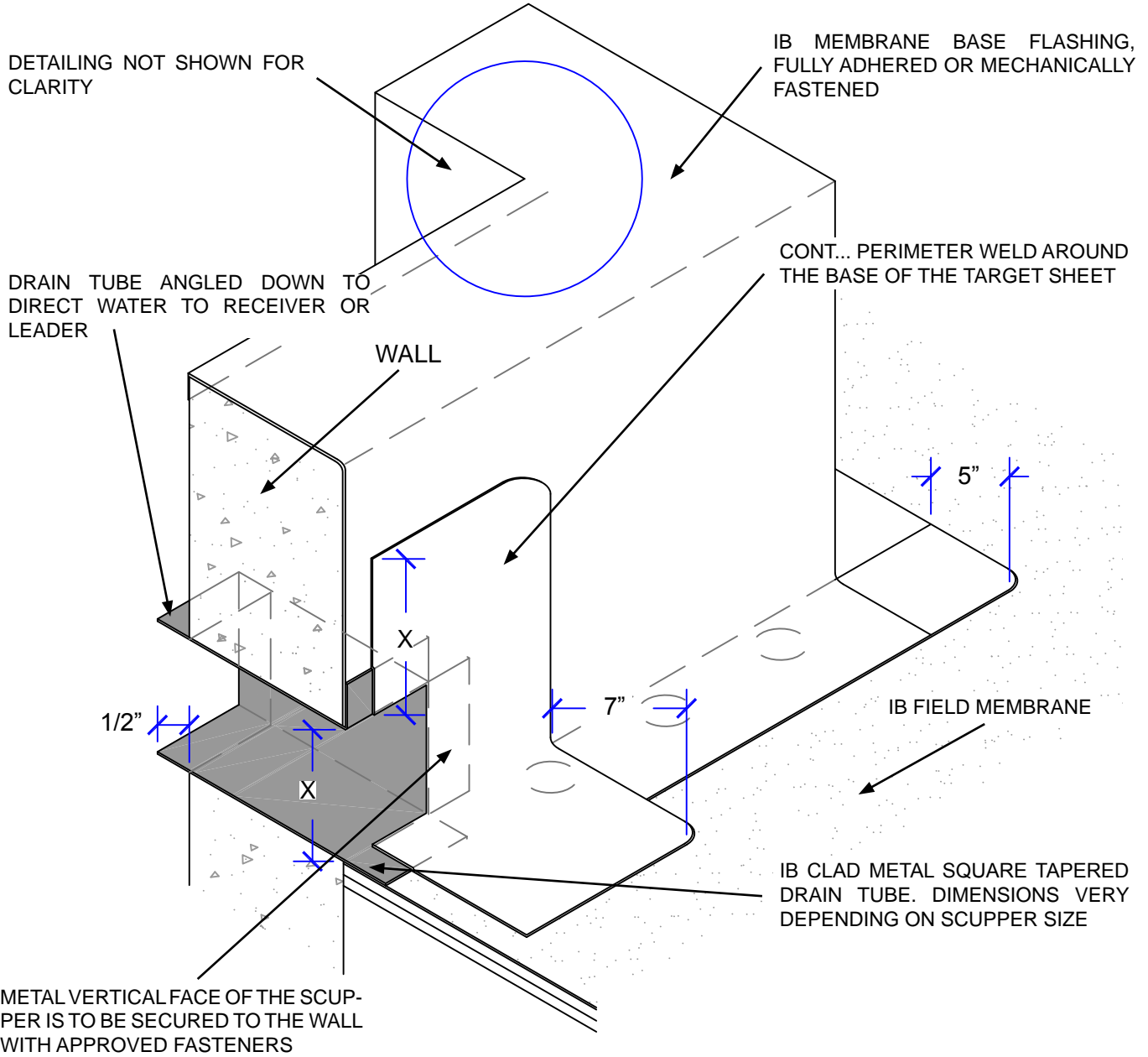
APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
 REV: AS 11-08

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CLAD METAL WALL SCUPPER

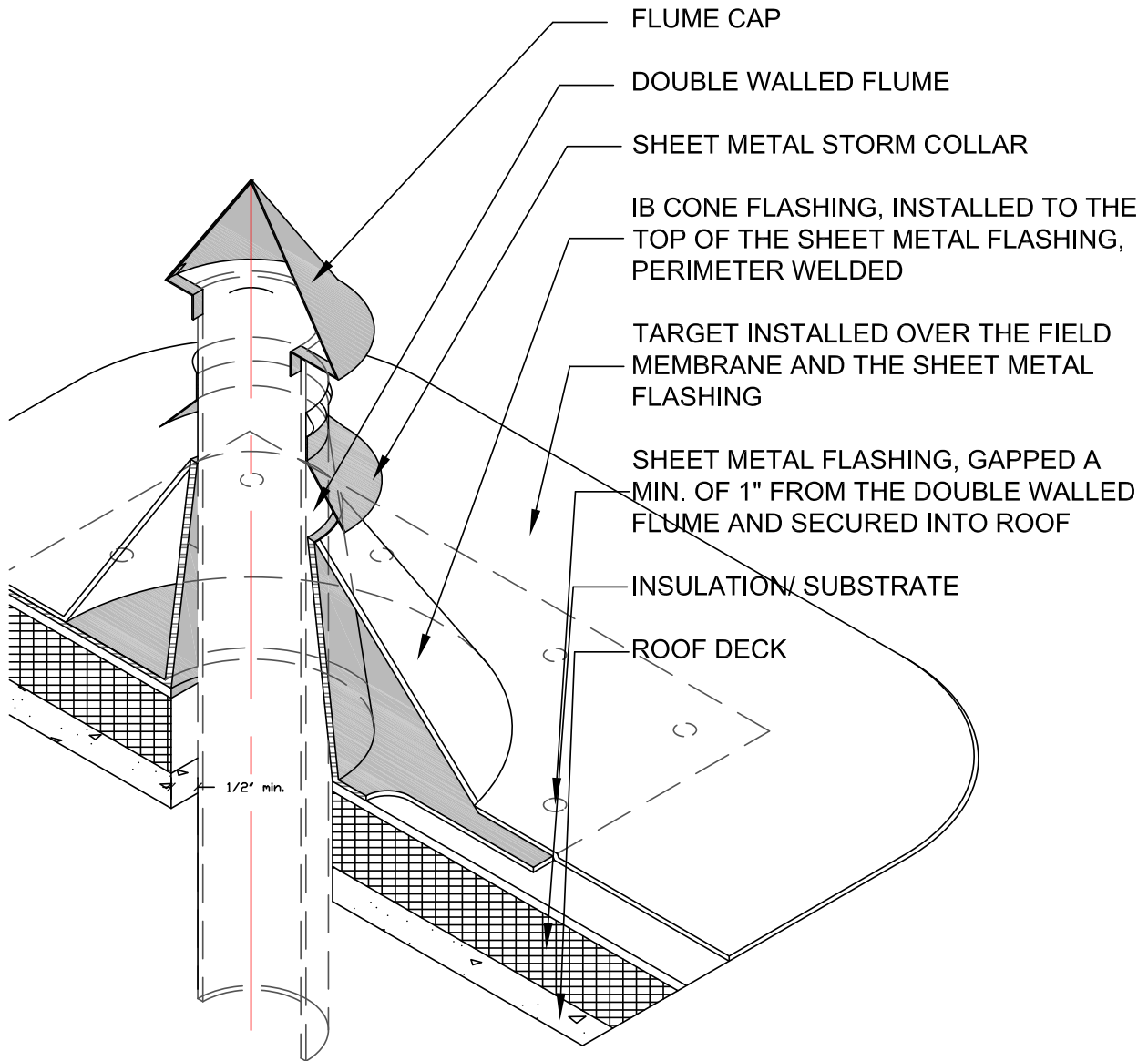


- NOTES:**
1. THIS DETAIL IS GENERIC IN NATURE AND SHOWS A TAPERED SUMP CREATED BY INSULATION.
 2. RE-ROOF AND RE-COVER INSTALLATIONS: ENSURE THAT NO ASPHALTIC RESIDUE (I.E. PLASTIC ROOF CEMENT, STEEP SLOPE ROOFING ASPHALT, WET PATCH, ETC) COMES IN DIRECT CONTACT WITH THE PVC MEMBRANE.
 3. RIGID ROOF INSULATION CAN BE SHAVED TO FORM A ROUND TAPERED SUMP FOR BETTER WATER-FLOW TO THE DRAIN RECEPTACLE.
 4. ALL OTHER, NON-CLAMPING STYLE ROOF DRAINS AND OVERFLOWS MUST BE PRE-APPROVED BY IB ROOF SYSTEMS BEFORE INSTALLATION.

| | | | |
|---------------|--|--------------|-----------------------------------|
| PROJECT NAME: | TITLE: MD-7 CLAD METAL WALL SCUPPER | | |
| | SCALE: NTS | APPROVED BY: | DRAWN BY: A.SCHWAB |
| | | | PLOT DATE: 11-08 REV: AS 11-08 |

** Click here to link to the AutoCAD™ drawing*

HEATER STACK DETAIL



NOTES:

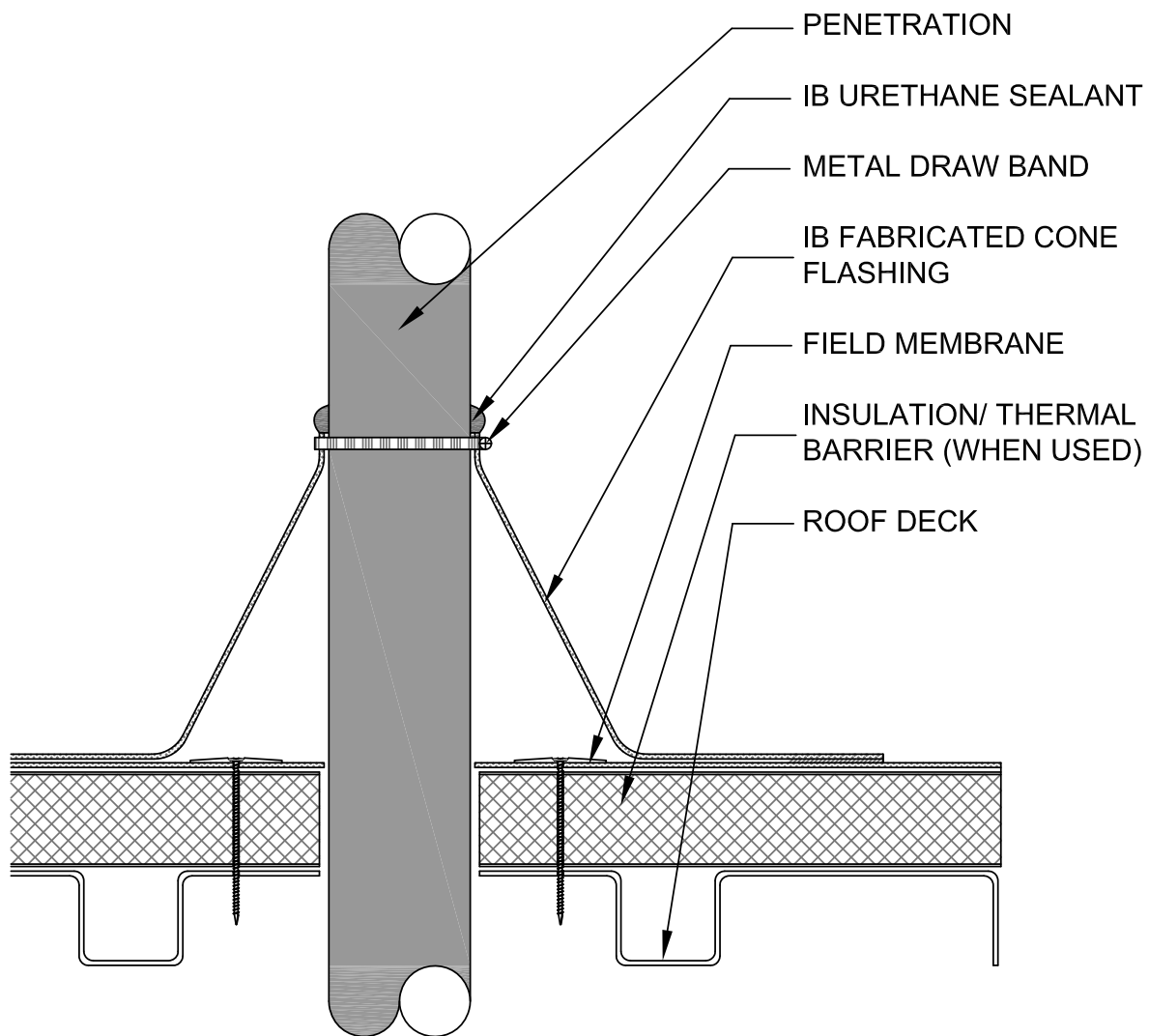
1. THE FOLLOWING DETAIL SHOWN IS TO BE USED FOR HEATED STOVE PIPES, DRYER EXHAUSTS, HEATER FLUMES, ETC.

DO NOT INSTALL IB CONE FLASHINGS DIRECTLY TO A HEATED FLUME. EXTREME FIRE HAZARD WHEN THIS PRECAUTION IS NOT HEADED.

| | | | |
|---------------|--|--------------|--|
| PROJECT NAME: | TITLE: MP-1 HEATER STACK DETAIL <i>* Click here to link to the AutoCAD™ drawing</i> | | |
| | SCALE: NTS | APPROVED BY: | DRAWN BY: A.SCHWAB PLOT DATE:11-08 REV: AS 11-08 |

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CONE FLASHING



PROJECT NAME:

TITLE:

MP-2 CONE FLASHING

** Click here to link to the AutoCAD™ drawing*

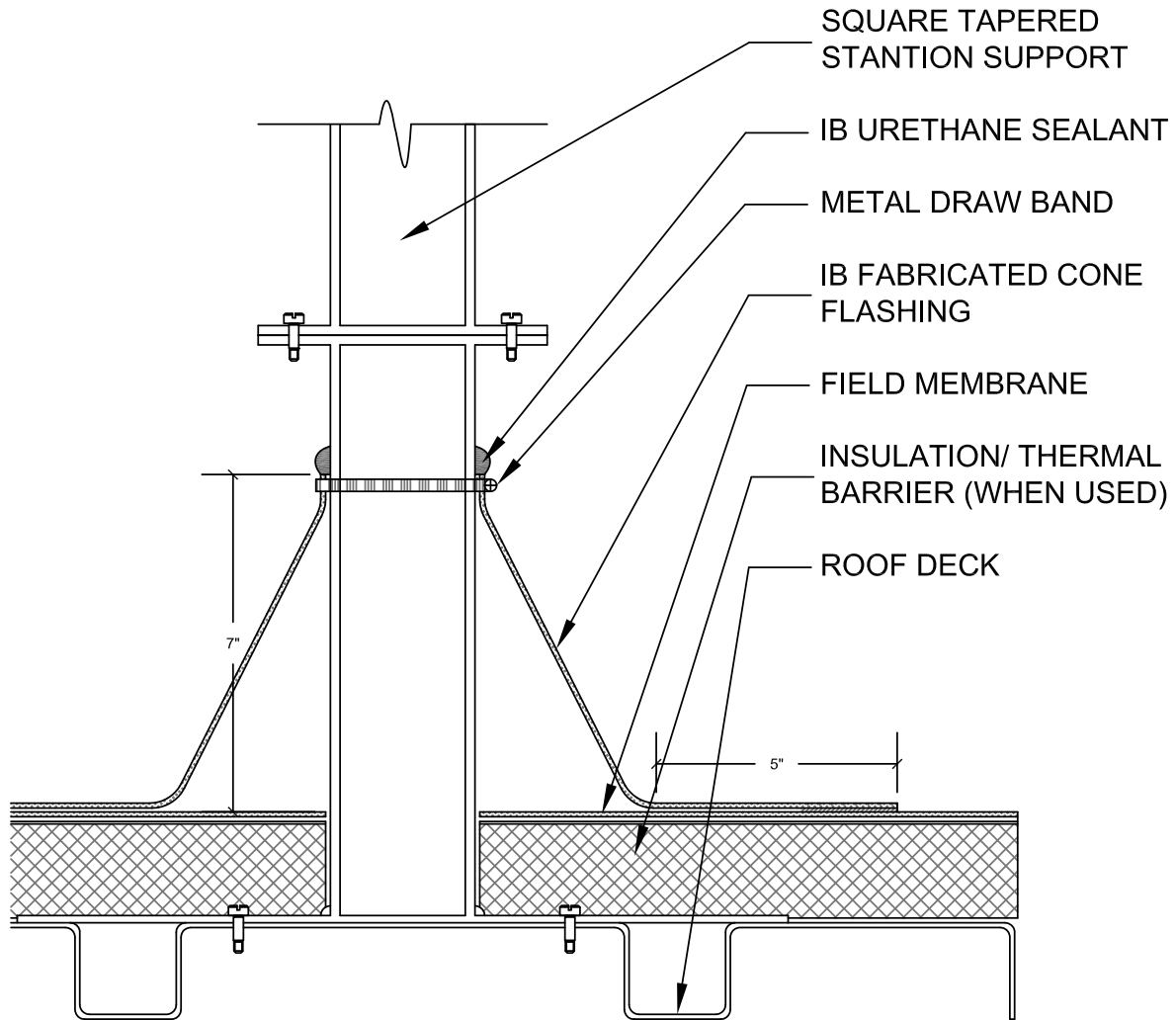
SCALE: NTS

APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
 REV: AS 11-08

STANTION SUPPORT

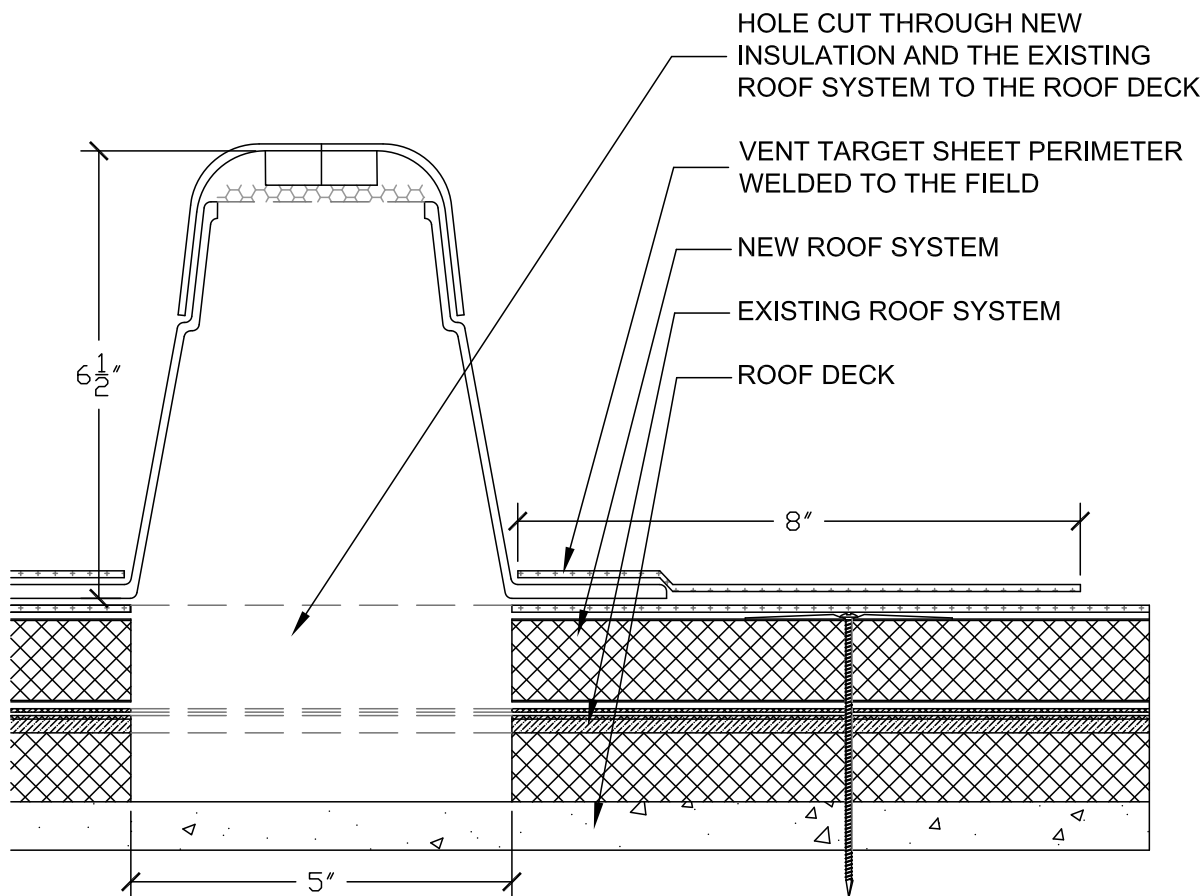


NOTES:

1. STANTIONS ARE TO BE SECURED INTO THE STRUCTURAL DECK WITH APPROPRIATE FASTENERS.
2. IB FLASHINGS ARE AVAILABLE IN CONE OR NO-CONE DESIGNS.

| | | | |
|---------------|--|--------------------|----------------------------------|
| PROJECT NAME: | TITLE: MP-3 STANTION SUPPORTS <i>* Click here to link to the AutoCAD™ drawing</i> | | |
| SCALE: NTS | APPROVED BY: | DRAWN BY: A.SCHWAB | PLOT DATE:11-08 REV: AS 11-08 |

MEMBRANE VENT OVER EXISTING ROOF



NOTES:

- ONE WAY VENTS ARE TO BE USED TO VENT EXISTING, INSULATED ROOFING SYSTEMS THAT ARE OVER-LAID WITH AN IB ROOFING SYSTEM, OR NEW LIGHT-WEIGHT CONCRETE ROOF DECKS. INSTALL AT A SPACING OF 1 VENT PER 100 SQ. FEET.

PROJECT NAME:

TITLE:

MP-5 MEMBRANE VENT OVER EXISTING ROOF

** Click here to link to the AutoCAD™ drawing*

SCALE: NTS

APPROVED BY:

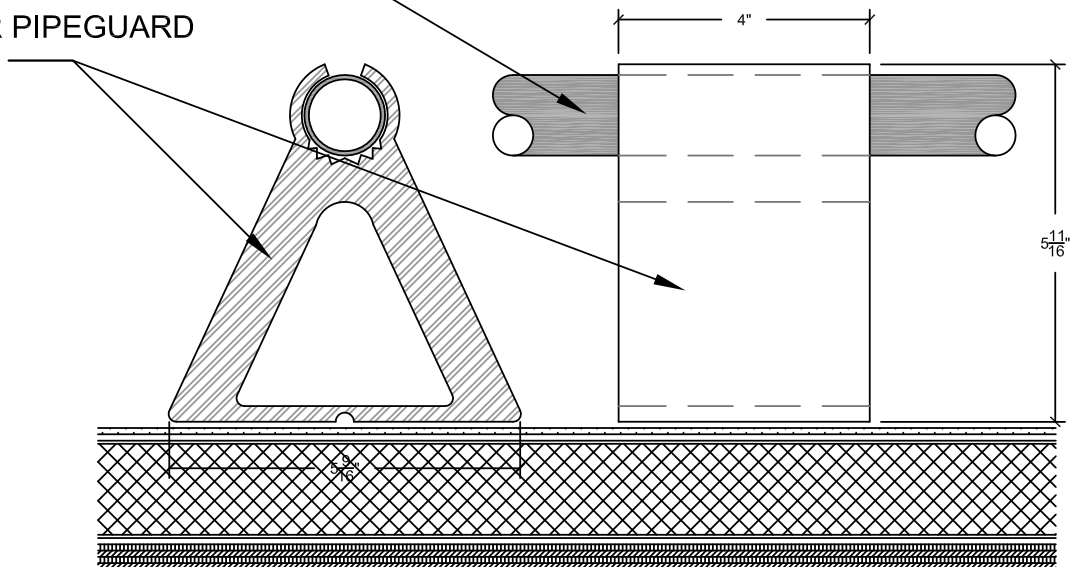
DRAWN BY: A.SCHWAB

PLOT DATE:11-08
 REV: AS 11-08

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CONDUIT/ GAS/
 CONDENSATION PIPE

RUBBER PIPEGUARD



PIPE

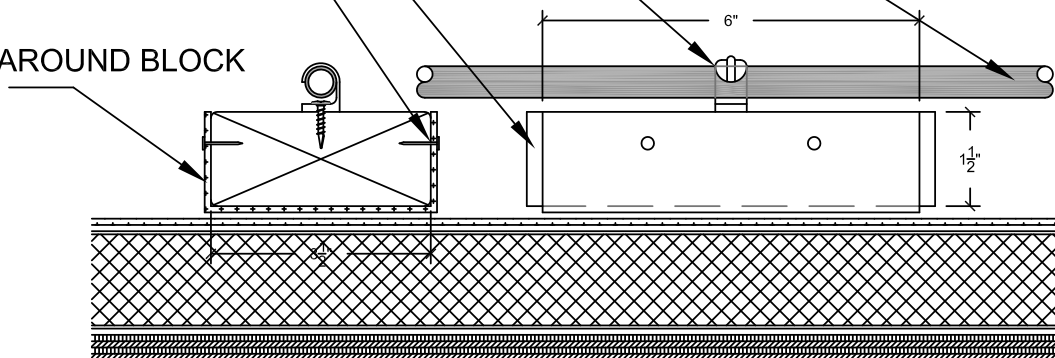
PIPE CLAMP

SCREW FASTENER

COMPOSITE BLOCK OR CEDAR/
 REDWOOD BLOCK

E.G ROOFING NAILS

IB MEMBRANE, AROUND BLOCK



PROJECT NAME:

TITLE:

MP-6 ISOLATION PADS

** Click here to link to the AutoCAD™ drawing*

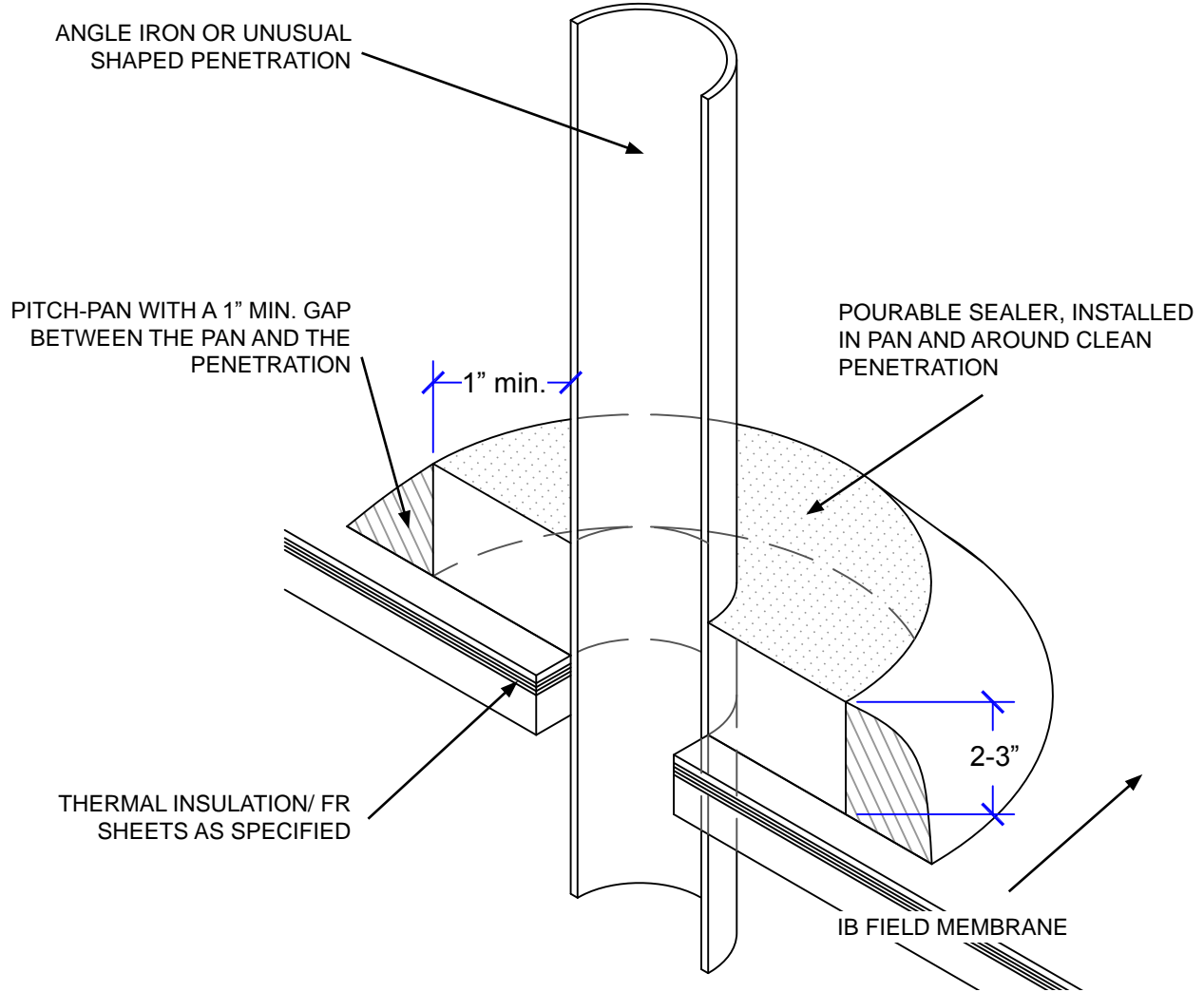
SCALE: NTS

APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE: 11-08
 REV: AS 11-08

CHEMICAL PITCH-PAN DETAIL



NOTES:

1. THE FOLLOWING DETAIL SHOWN IS TO BE CONSIDERED THE LAST RESORT WHEN FLASHING AN UNUSUALLY SHAPED PENETRATION THAT CANNOT BE FLASHED USING AN IB SPLIT CONE, OR FINGER FLASHED WITH IB FLASHING MEMBRANE.
2. IB ROOFING SYSTEMS DO NOT RECOMMEND THE USE OF PITCH-PANS ON ROOFS. THEIR USE REQUIRES THE BUILDING OWNER TO MAINTAIN IN A WATER-TIGHT CONDITION AND IS NOT COVERED UNDER THE IB MATERIAL OR NDL WARRANTIES.

PROJECT NAME:

TITLE:

MP-7 CHEMICAL PITCH-PAN DETAIL

** Click here to link to the AutoCAD™ drawing*

SCALE: NTS

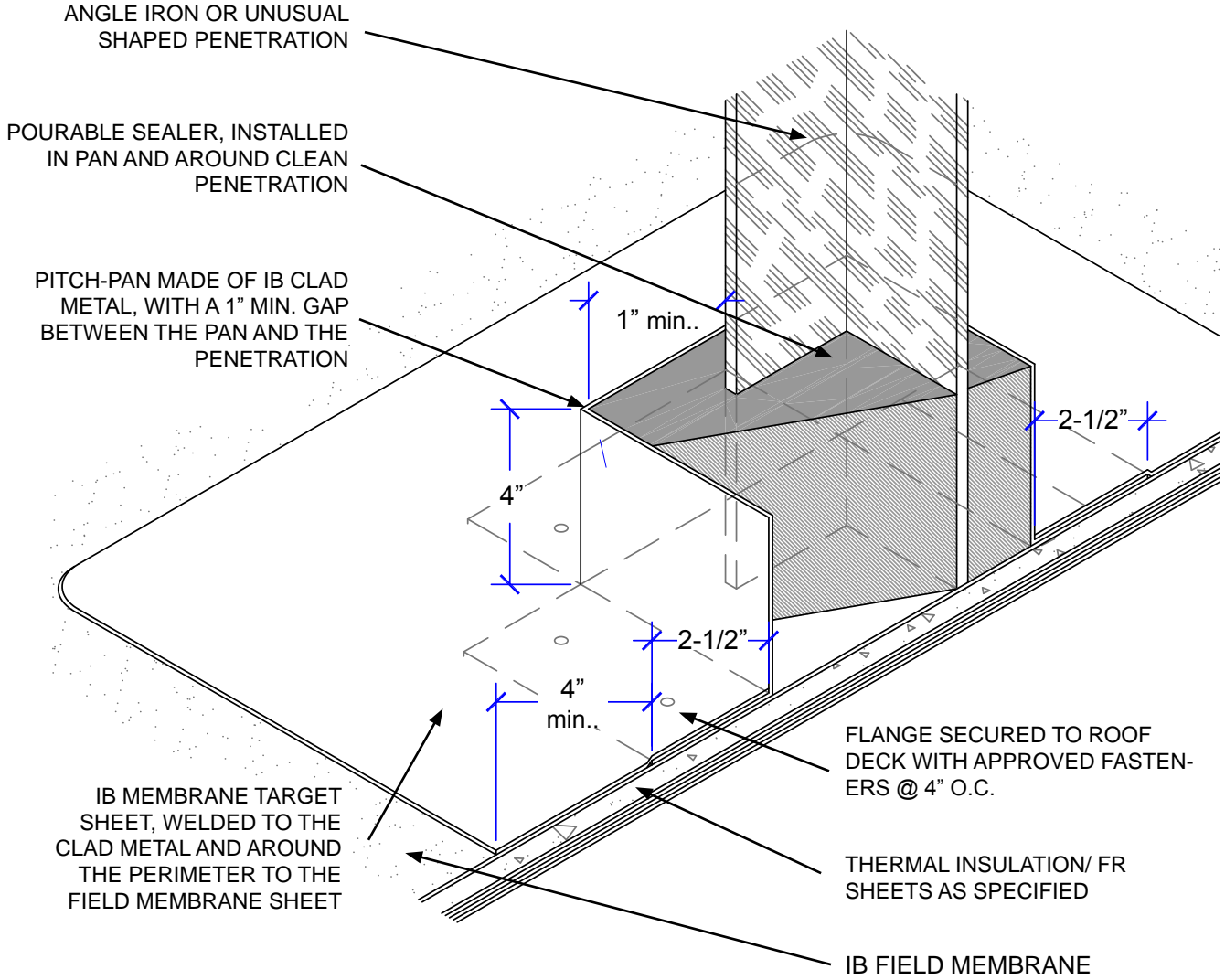
APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE:11-08
REV: AS 11-08

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PITCH-PAN DETAIL



NOTES:

1. THE FOLLOWING DETAIL SHOWN IS TO BE CONSIDERED THE LAST RESORT WHEN FLASHING AN UNUSUALLY SHAPED PENETRATION THAT CANNOT BE FLASHED USING AN IB SPLIT CONE, OR FINGER FLASHED WITH IB FLASHING MEMBRANE.
2. IB ROOFING SYSTEMS DO NOT RECOMMEND THE USE OF PITCH-PANS ON ROOFS. THEIR USE RE QUIRES THE BUILDING OWNER TO MAINTAIN IN A WATER-TIGHT CONDITION AND IS NOT COVERED UNDER THE IB MATERIAL OR NDL WARRANTIES.

PROJECT NAME:

TITLE:

MP-8 PITCH-PAN DETAIL

** Click here to link to the AutoCAD™ drawing*

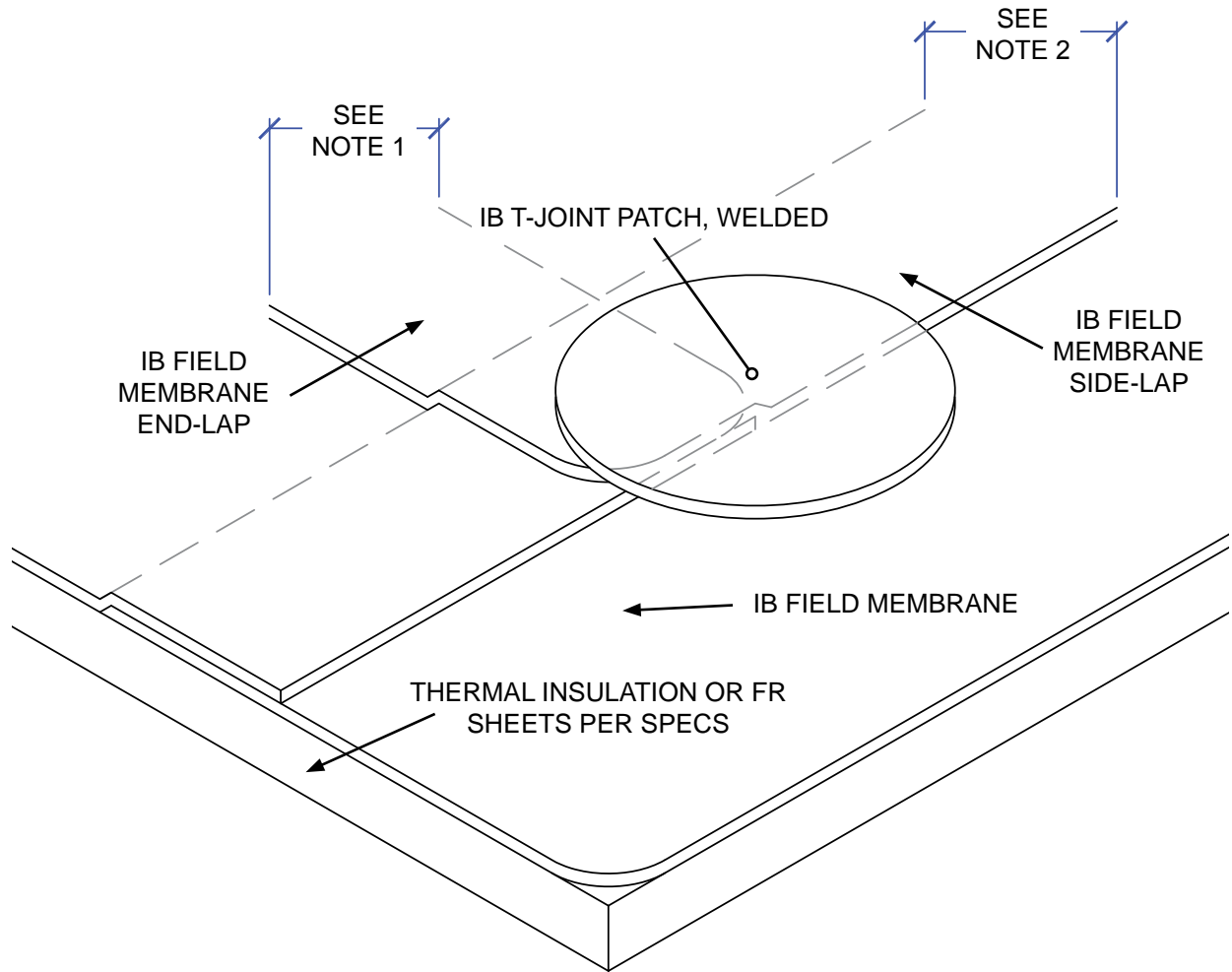
SCALE: NTS

APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE:11-08
 REV: AS 11-08

T-JOINT PATCHES



NOTES:

1. END LAPS WILL VARY IN WIDTH BETWEEN IB FLEECE BACK MEMBRANES AND NON-FLEECE BACK MEMBRANES. HOWEVER, T-JOINTS PATCH SHALL ALWAYS BE CENTERED AT THE T-JOINTS AS SHOWN.
2. SIDE LAP DIMENSIONS WILL VARY BETWEEN MECHANICALLY ADHERED (MA) AND FULLY ADHERED (FA). SEE LAP TERMINATION DETAILS FOR MORE INFORMATION.

PROJECT NAME:

TITLE:

MT-1 T-JOINT PATCHES

** Click here to link to the AutoCAD™ drawing*

SCALE: NTS

APPROVED BY:

DRAWN BY: A.SCHWAB

PLOT DATE:11-08
 REV: AS 11-08