

Installation Guide for VersiTrim 300 Coping & VersiTrim 300 Plus Coping

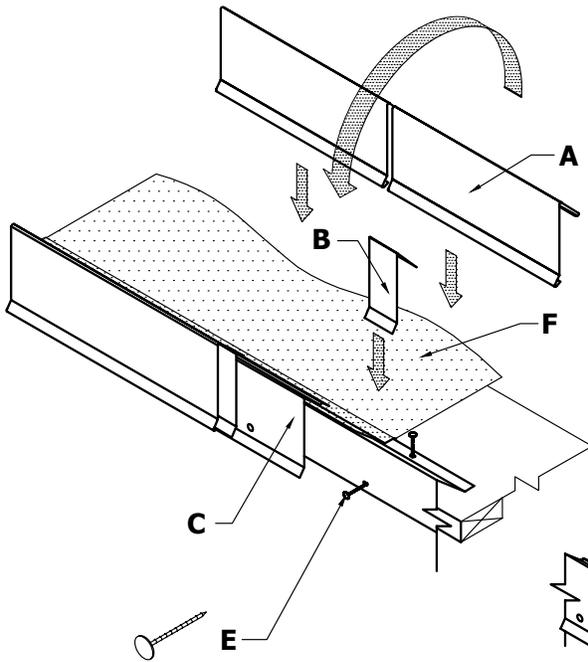
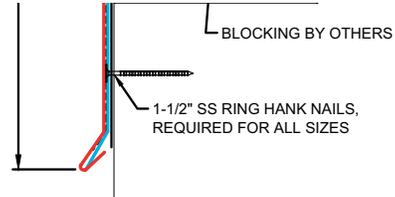
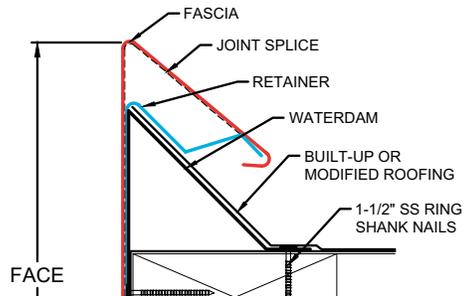
PO BOX 1289, CARLISLE, PA 17013 USA
800-992-766
WWW.VERSICO.COM



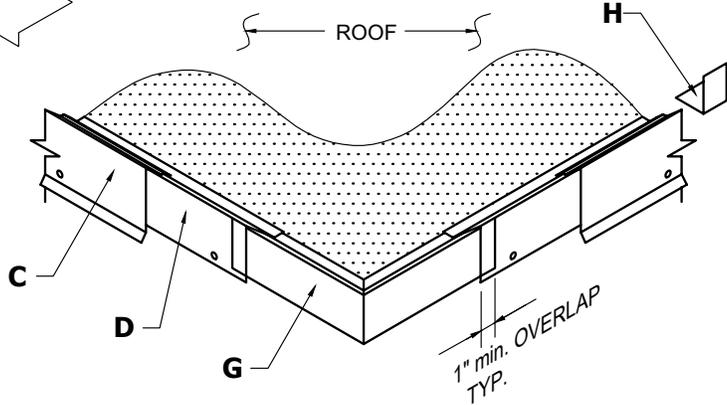
Installation Guide for SafeGuard® NP Fascia



ANSI/SPRI/FM4435/ES-1 TESTED



NOTES:
 #1 - Isolate all metal parts from ACQ treated wood or other galvanically incompatible material with appropriate membrane material.
 #2 - Appliance attachments, such as lightning rods, signs, or antennae that penetrate the fascia system, induce a galvanic reaction, or otherwise compromise the effectiveness of the roof edge system, shall be eliminated or isolated to prevent problems per ANSI/SPRI/FM4435/ES-1. Lightning protection systems for example must not be directly affixed to the product provided by Hickman. Consult Hickman for alternative attachment suggestions.



A. Formed Fascia Cover
 10'-0" Lengths

B. Concealed Joint Splice
 4" Lengths

C. Formed Galvanized Retainer
 10'-0" Lengths

D. Formed Galvanized Waterdam
 10'-0" Lengths

E. 1-1/2" SS Ring Shank Nail
 at 12" o.c. (6" from ends)

(Included & Required)

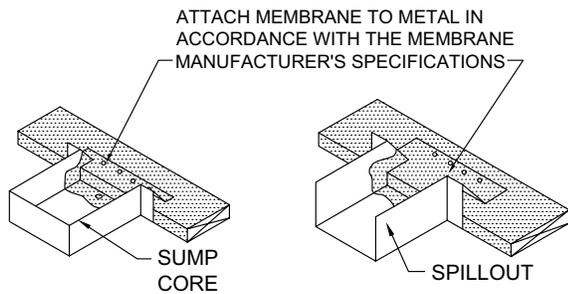
F. Built-up or Modified Bituman Roofing
 (By Installer)

G. Corner Support (Outside)

At All Inside and Outside Corners

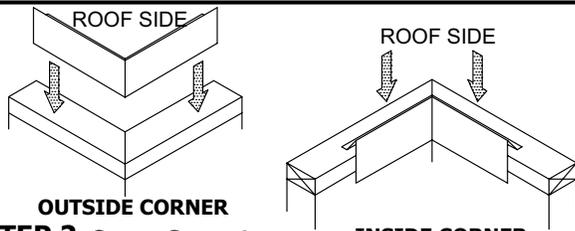
H. Leveling Angle

Sets Proper Height for Waterdam



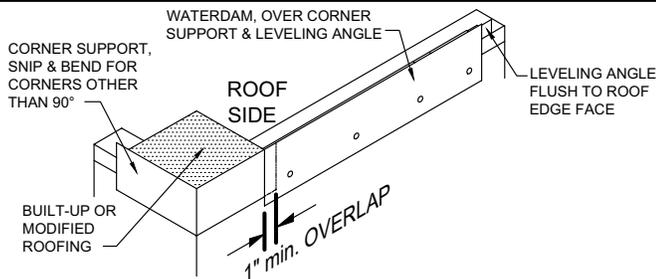
STEP 1: Consider Sump Core & Spillout Locations

Locate sump cores where downspouts will be located. Sumps and spillouts are installed prior to the waterdam. The waterdam sections will install over the ears welded onto the sump and spillout core. Refer to "Spillout & Sump Core Install Guides" for more info on installation if necessary.



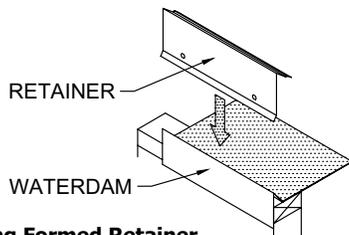
STEP 2: Corner Supports

Locate waterdam corner supports at each corner location and fasten in place using 1-1/2" ss ring shank nails provided.



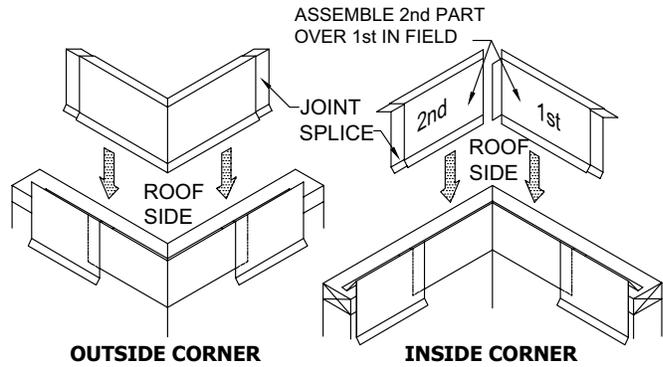
STEP 3: Waterdam & Built-Up or Modified Bitumen Roofing

Install waterdam sections by overlapping the waterdam corner support by 1" min. and place a waterdam leveling angle under the opposite end. Fasten in place using 1-1/2" ss ring shank nails provided in each pre-punched hole. Waterdam should be installed from the corners working towards the center, butt adjacent sections together. Adhere the built-up or modified bitumen roofing to the cant side of the waterdam per roofing material manufacturer's instructions.



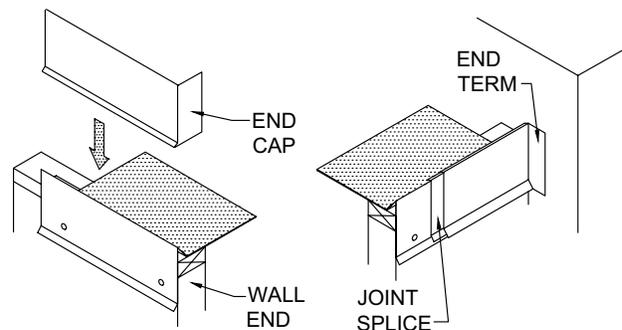
STEP 4: Installing Formed Retainer

After the roofing ply has been adhered to the waterdam, install the retainer. Starting at the corner locations and working towards the center, fasten the retainer through each pre-punched hole using 1-1/2" ss ring shank nails provided.



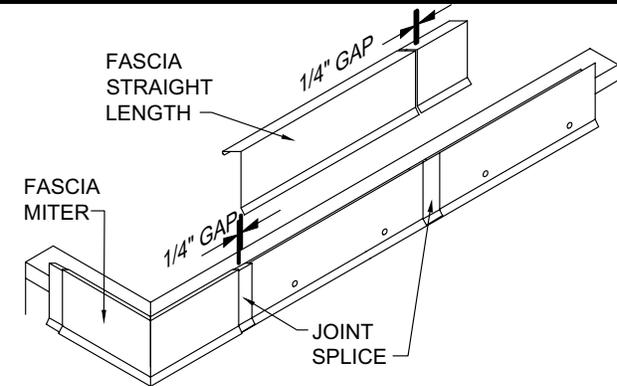
STEP 5: Installing Fascia Miters

Locate the miters and concealed joint splices for the appropriate corners. Place a concealed joint splice in each end of the miter sections. Install the miter by hooking the back flange of the miter onto the back flange of the retainer and rotating the fascia outward towards the outside of the building. Press downward on the top until the fascia cover has snapped over the drip of the retainer. Ensure that both the drip and the back flange are fully engaged.



STEP 6: Installing Fascia End Caps and End Terms

Install the fascia end caps and end terms by hooking the back flange, rotating outward, and then pressing downward on the top flange until fascia cover has snapped over the drip of the retainer. Ensure that both the drip and the back flange are fully engaged.



STEP 7: Installing Fascia Straight Lengths

Place a concealed joint splice in the opposite end of the installed miter or end cap. Install the fascia by hooking the back flange of the fascia onto the back flange of the retainer and rotating the fascia outward. Press downward on the top until the fascia cover has snapped over the drip of the retainer. Ensure that both the drip and the back flange are fully engaged. **Allow a 1/4" gap between fascia sections for thermal expansion.** Review lengths of all straight pieces prior to cutting to avoid creating relatively short sections of fascia adjacent to full length sections. Note: there should be a joint splice at every joint.

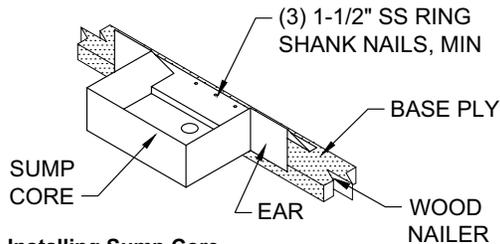
Installation Guide for SafeGuard® NP Fascia- Sump Cores & Spillouts

NOTES:

#1 - Isolate all metal parts from ACQ treated wood or other galvanically incompatible material with appropriate membrane material.

#2 - Appliance attachments, such as lightning rods, signs, or antennae that penetrate the fascia system, induce a galvanic reaction, or otherwise compromise the effectiveness of the roof edge system, shall be eliminated or isolated to prevent problems per ANSI/SPRI/FM4435/ES-1. Lightning protection systems for example must not be directly affixed to the product provided by OMG. Consult OMG for alternative attachment suggestions.

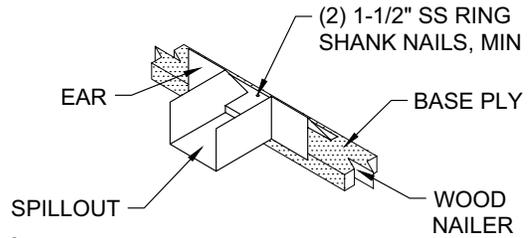
SUMP CORES



STEP 1: Installing Sump Core

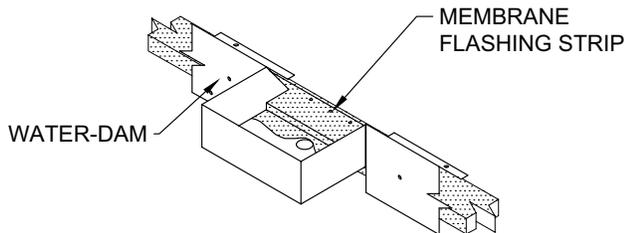
Locate sump cores where downspouts will be located. Sump cores are installed prior to the water-dam. Fasten sump core to the wood nailer with a min of (3) 1-1/2" ss ring shank nails.

SPILLOUTS



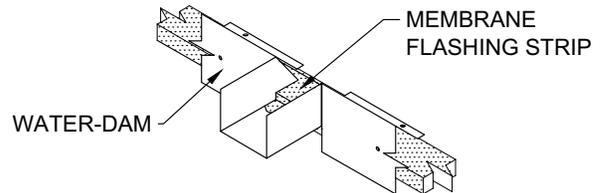
STEP 1: Installing Spillouts

Spillouts are installed at predetermined locations. Spillouts are installed prior to the water-dam. Fasten spillout to the wood nailer with a min of (2) 1-1/2" ss ring shank nails.



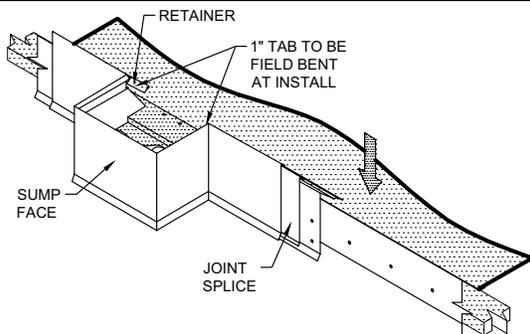
STEP 2: Installing Water-Dam at Sump Core

Install the water-dam over the ears on the sump core. Nail the water-dam as shown in STEP 3 on page 2. Apply membrane flashing strip up the back side of the water-dam and into the sump core as required by membrane manufacturer's specifications. Splice and seal the membrane in and around the sump core in accordance with membrane manufacturer's specifications.



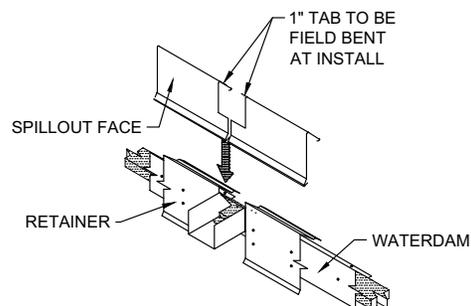
STEP 2: Installing Water-Dam at Spillouts

Install the water-dam over the ears on the spillout. Apply membrane flashing strip up back side of water-dam and into the spillout as required by membrane manufacturer's specifications. Splice and seal the membrane in and around the spillout in accordance with membrane manufacturer's specifications. (DON'T LEAVE ANY SHARP EDGES AGAINST THE MEMBRANE.)



STEP 3: Installing Sump face

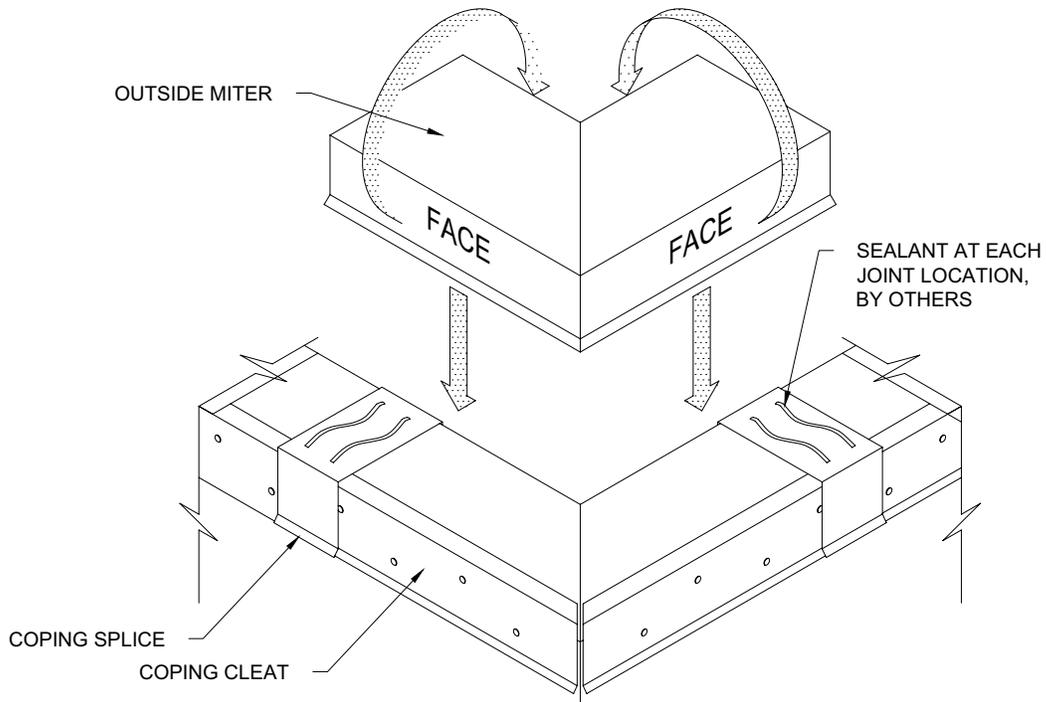
After the roofing ply has been adhered to the waterdam, install the retainer. Place a concealed joint splice in each end of sump face. Install the fascia by pressing downward on the top flange until the sump face has snapped over the kickout of the retainer and the back flange of the retainer simultaneously. Field bend the factory tabs on the sides of the Sump Core. Proceed to complete installation.



STEP 3: Installing Spillout face

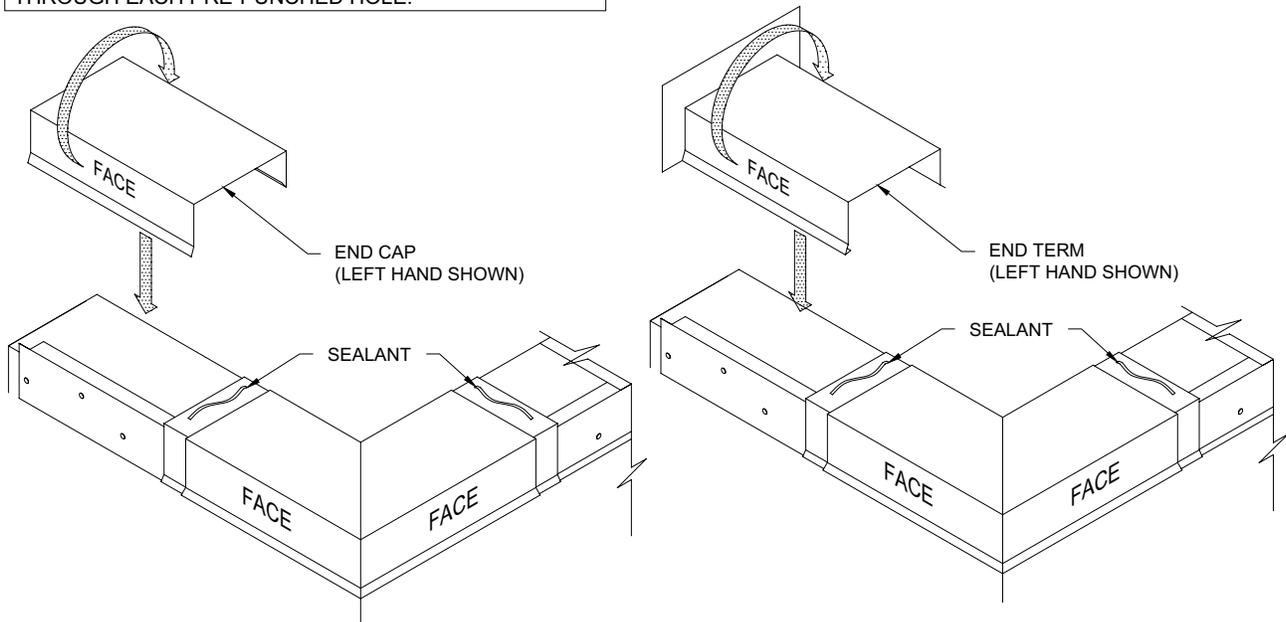
After the roofing ply has been adhered to the waterdam, install the retainer. Place a concealed joint splice in each end of spillout face. Install the fascia by pressing downward on the top flange until the spillout face has snapped over the kickout of the retainer and the back flange of the retainer simultaneously. Field bend the factory tabs on sides of Spillout Face. Proceed to complete installation.

STEP 3: LOCATE MITER AND ENGAGE DRIPPED FACE OVER THE CLEAT, THEN ROTATE BACKWARDS TO REST MITER ON TOP OF WALL. SECURE BACK OF COPING MITER WITH #9 x 1-1/2" STAINLESS STEEL SCREWS THROUGH EACH PRE-PUNCHED HOLE. (INSIDE MITER IS INSTALLED IN THE SAME MANNER).

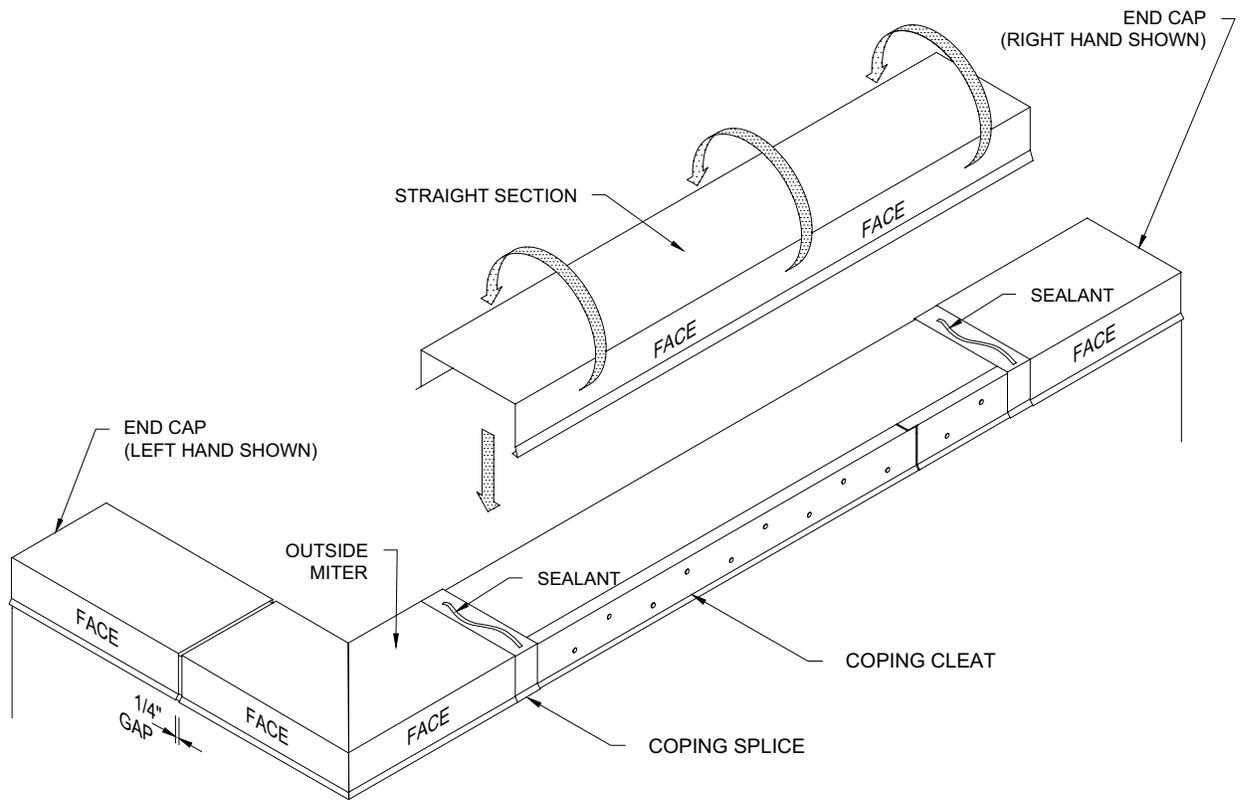


STEP 4: LOCATE END CAP/TERM AND ENGAGE DRIPPED FACE OVER THE CLEAT, THEN ROTATE BACKWARDS TO REST CAP ON TOP OF WALL. SECURE BACK OF END CAP/TERM WITH #9 x 1-1/2" STAINLESS STEEL SCREWS THROUGH EACH PRE-PUNCHED HOLE.

NOTE: ALL MITERS, END CONDITIONS, AND ACCESSORY CONDITIONS SHOULD BE INSTALLED PRIOR TO STRAIGHT SECTIONS



STEP 5: AFTER ALL CORNER AND END CONDITIONS ARE INSTALLED, INSTALL STRAIGHT SECTIONS. CUT DOWN AND ADJUST SPACING AS NEEDED. (DO NOT CUT CORNERS AND END CONDITIONS WHEN STRAIGHT SECTIONS ARE REQUIRED IN BETWEEN, USE STRAIGHT SECTIONS FOR ADJUSTMENTS. ENDCAPS AND MITERS MAY BE CUT WHEN NO STRAIGHT SECTION IS PRESENT.) FASTEN BACK LEG OF STRAIGHT SECTION TO WALL WITH #9 x 1-1/2" STAINLESS STEEL SCREWS.

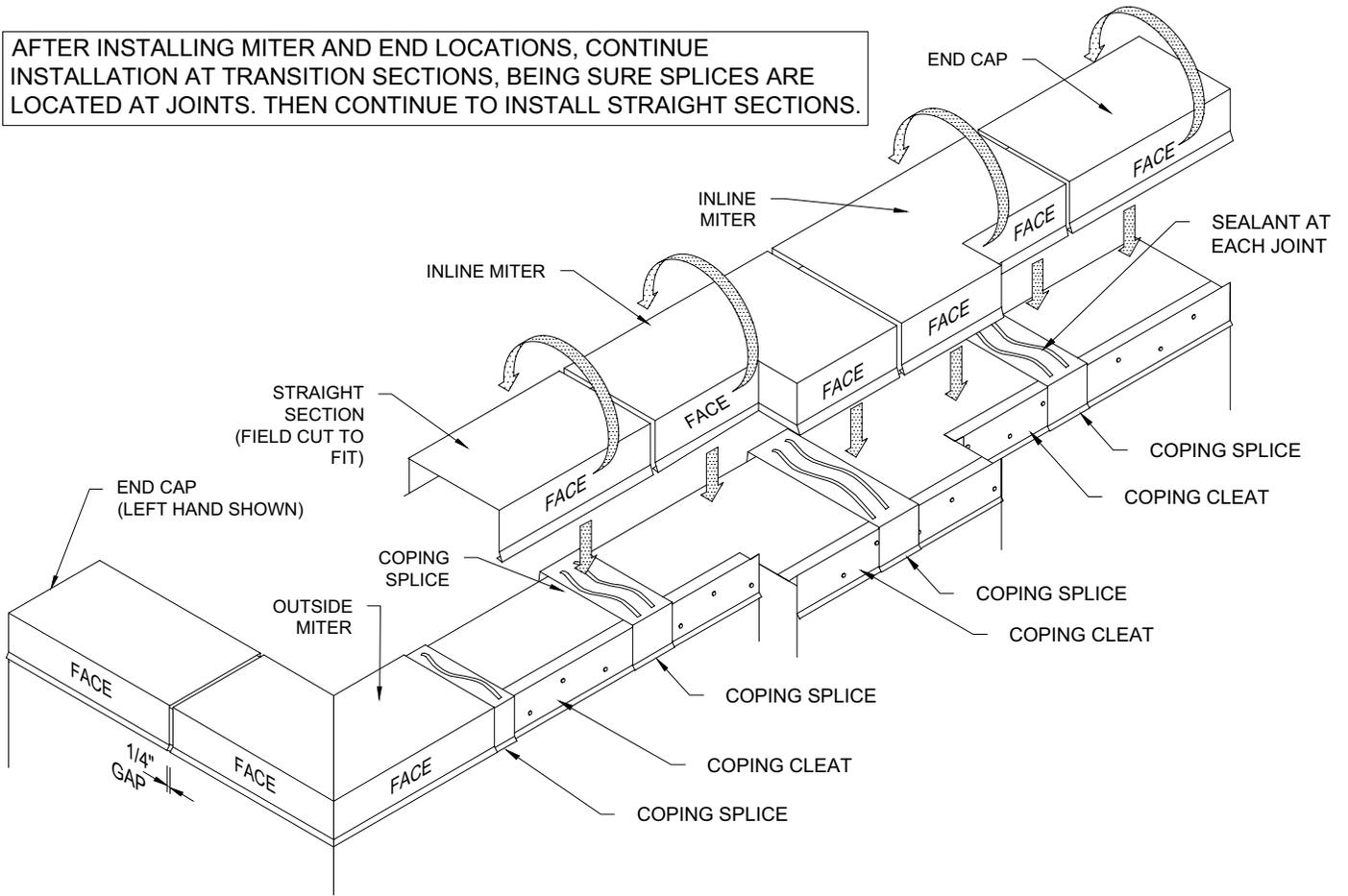


Accessory Conditions Reference

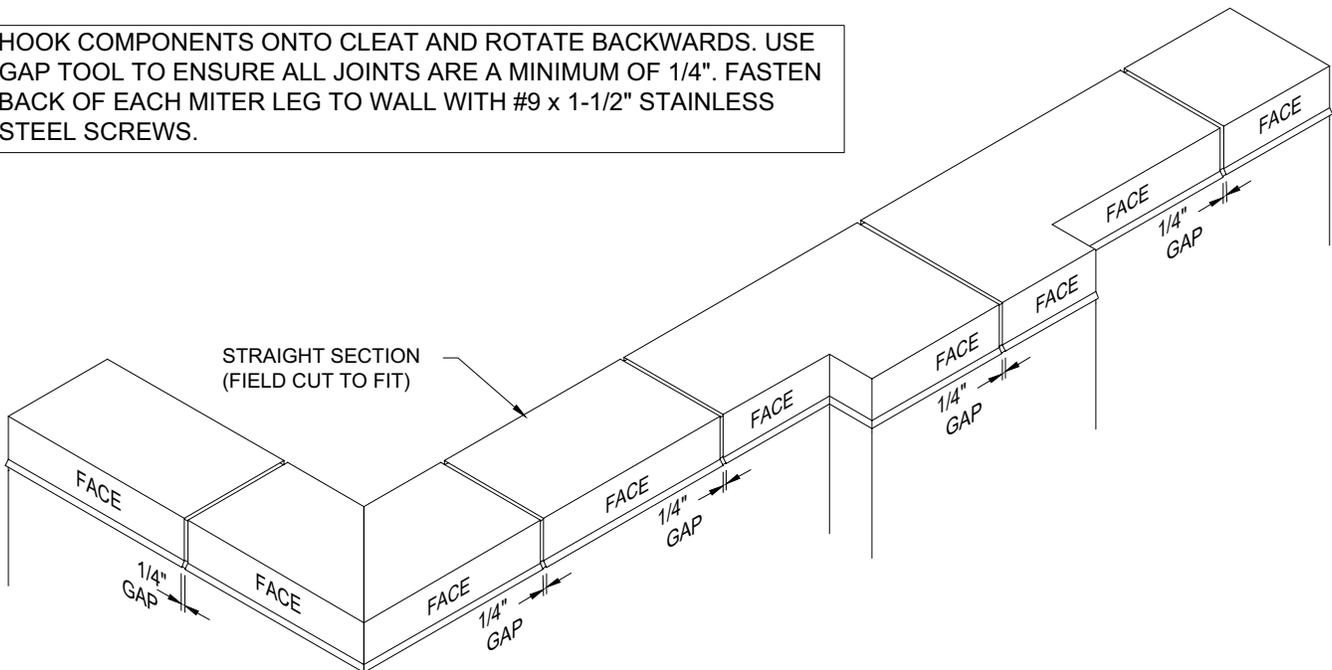
- Inline Miter Conditions (Page 8)
- Pier Miter Conditions (Page 9)
- Tee Miter Conditions (Page 10)
- Ridge/Valley/Sloped Conditions (Page 11)
- Horizontal Zee Miter Conditions (Page 12)
- Vertical Zee Miter Conditions (Page 13)
- Radius Conditions (Page 14)

INLINE MITER CONDITIONS

AFTER INSTALLING MITER AND END LOCATIONS, CONTINUE INSTALLATION AT TRANSITION SECTIONS, BEING SURE SPLICES ARE LOCATED AT JOINTS. THEN CONTINUE TO INSTALL STRAIGHT SECTIONS.

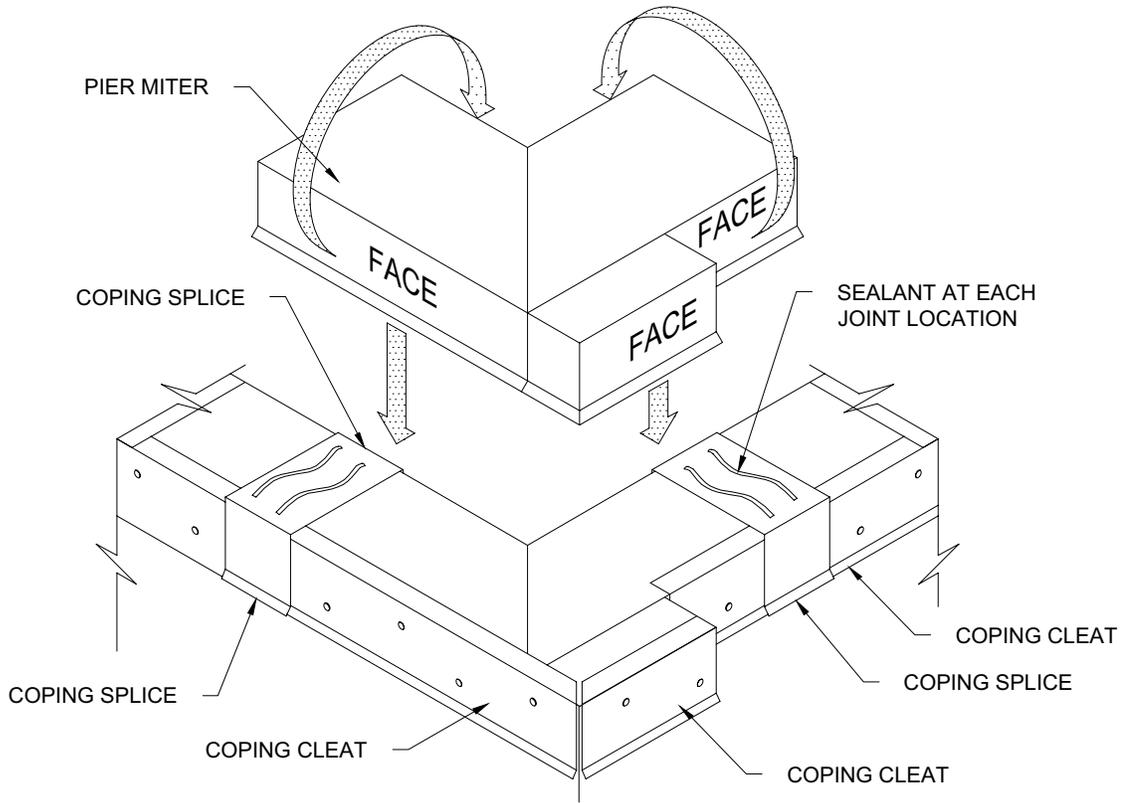


HOOK COMPONENTS ONTO CLEAT AND ROTATE BACKWARDS. USE GAP TOOL TO ENSURE ALL JOINTS ARE A MINIMUM OF 1/4". FASTEN BACK OF EACH MITER LEG TO WALL WITH #9 x 1-1/2" STAINLESS STEEL SCREWS.



PIER MITER CONDITIONS

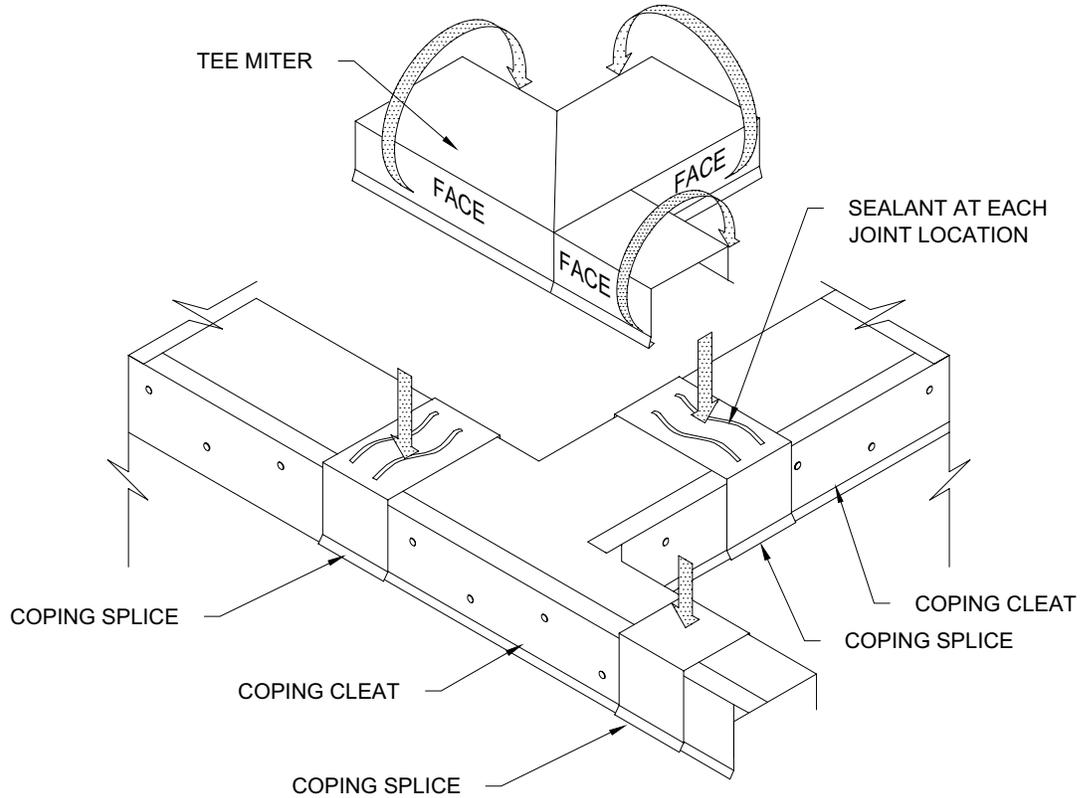
LOCATE CENTER OF EACH SPLICE AT END OF EACH MITER LEG. HOOK ONTO FRONT OF COPING CLEAT, ROTATE OVER WALL AND ENGAGE FACE OF ADJACENT LEG AND PIER OVER CLEAT. FASTEN BACK OF EACH MITER LEG TO WALL WITH #9 x 1-1/2" STAINLESS STEEL SCREWS.



NOTE: ALL MITERS, END CONDITIONS, AND ACCESSORY CONDITIONS SHOULD BE INSTALLED PRIOR TO STRAIGHT SECTIONS

TEE MITER CONDITIONS

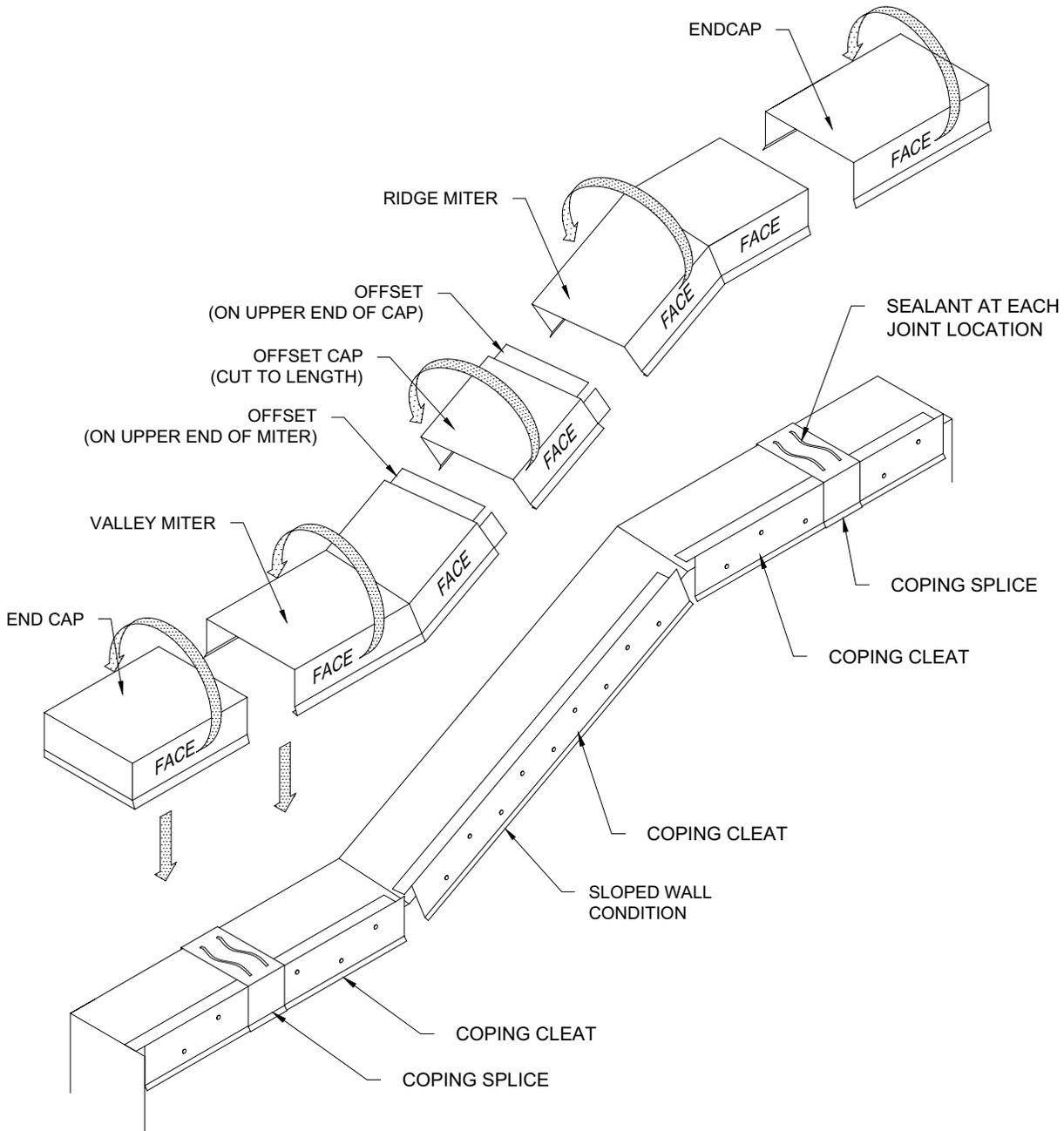
LOCATE CENTER OF EACH SPLICE AT END OF EACH MITER LEG. HOOK MITER FACE ONTO FRONT OF COPING CLEAT AT IN-LINE SECTION FIRST, ROTATE BACKWARD AND ENGAGE FACE OF ADJACENT LEG OVER CLEAT. FASTEN BACK LEG OF EACH MITER LEG TO WALL WITH #9 x 1-1/2" STAINLESS STEEL SCREWS.



NOTE: ALL MITERS, END CONDITIONS, AND ACCESSORY CONDITIONS SHOULD BE INSTALLED PRIOR TO STRAIGHT SECTIONS

RIDGE MITER, VALLEY MITER AND SLOPED WALL CONDITIONS

FOLLOW STEP 5 FOR INSTALLATION OF COPING CLEATS ALONG EACH WALL. START INSTALLATION AT CORNER OR END CONDITIONS (SHOWN BELOW). NO SPLICE IS REQUIRED FOR SLOPED WALLS WHERE AN OFFSET HAS BEEN FORMED INTO COPING/MITER CAP (AS SHOWN BELOW). LOCATE BUT DO NOT INSTALL RIDGE MITER. ADJUST OFFSET CAP LENGTHS (DO NOT CUT FROM OFFSET TAB SIDE) TO FIT IN BETWEEN RIDGE MITER AND END CONDITIONS ON SLOPED WALLS. INSTALL RIDGE MITER OVER OFFSET OF CAP PIECE.

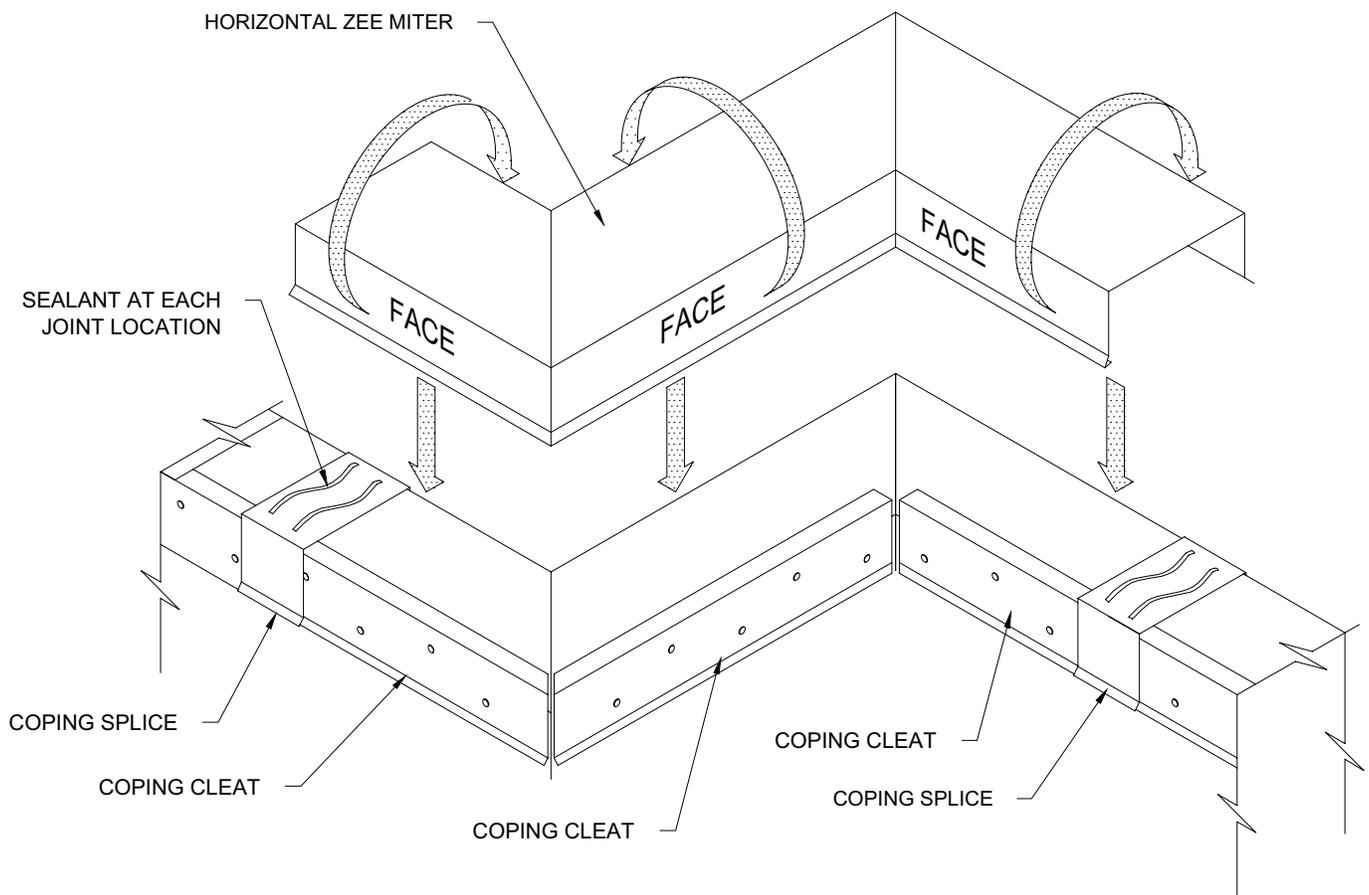


NOTE: ALL MITERS, END CONDITIONS, AND ACCESSORY CONDITIONS SHOULD BE INSTALLED PRIOR TO STRAIGHT SECTIONS

HORIZONTAL ZEE MITER CONDITIONS

12

FOLLOW STEPS 5 (PAGE 5) FOR INSTALLATION OF COPING CLEATS ALONG EACH WALL. LOCATE CENTER OF EACH SPLICE AT END OF EACH MITER LEG. HOOK MITER FACE ONTO FRONT OF COPING CLEAT AND ROTATE BACKWARD OVER WALL. FASTEN BACK LEG OF EACH MITER LEG TO WALL WITH #9 x 1-1/2" STAINLESS STEEL SCREWS.

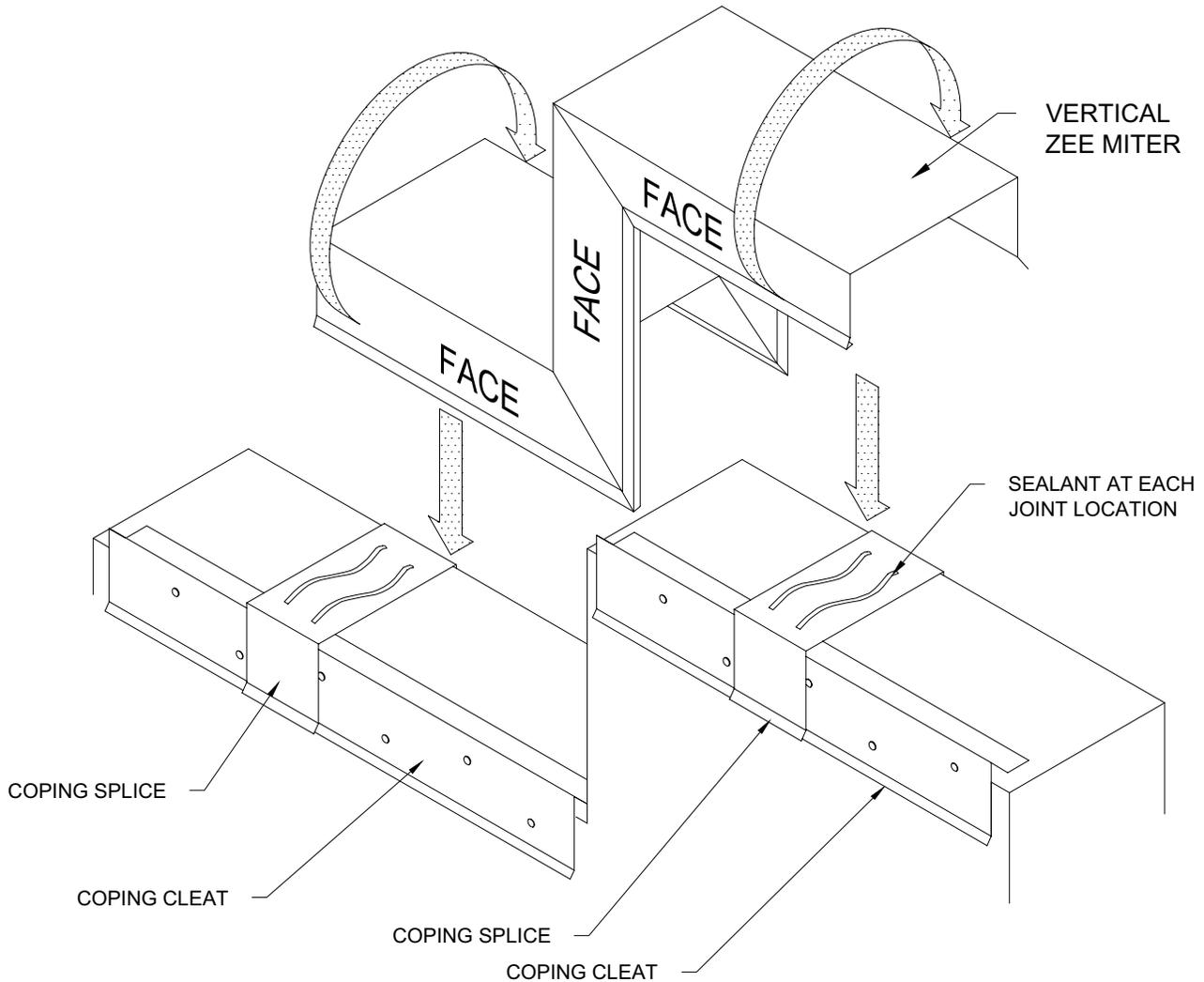


NOTE: ALL MITERS, END CONDITIONS, AND ACCESSORY CONDITIONS SHOULD BE INSTALLED PRIOR TO STRAIGHT SECTIONS

VERTICAL ZEE MITER CONDITIONS

13

FOLLOW STEPS 5 (PAGE 5) FOR INSTALLATION OF COPING CLEATS ALONG EACH WALL. LOCATE CENTER OF EACH SPLICE AT END OF EACH MITER LEG. HOOK MITER FACE ONTO FRONT OF COPING CLEAT AND ROTATE BACKWARD OVER WALL. FASTEN BACK LEG OF EACH MITER LEG TO WALL WITH #9 x 1-1/2" STAINLESS STEEL SCREWS.

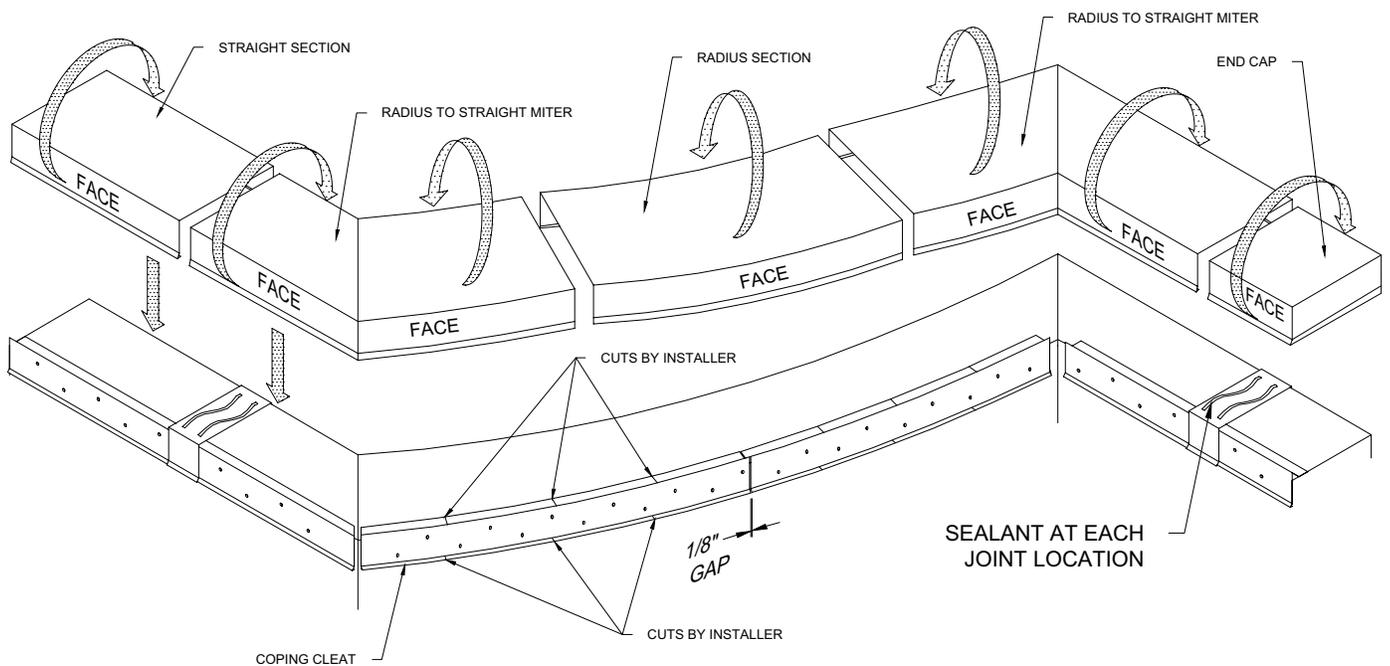


NOTE: ALL MITERS, END CONDITIONS, AND ACCESSORY CONDITIONS SHOULD BE INSTALLED PRIOR TO STRAIGHT SECTIONS

RADIUS CONDITIONS

14

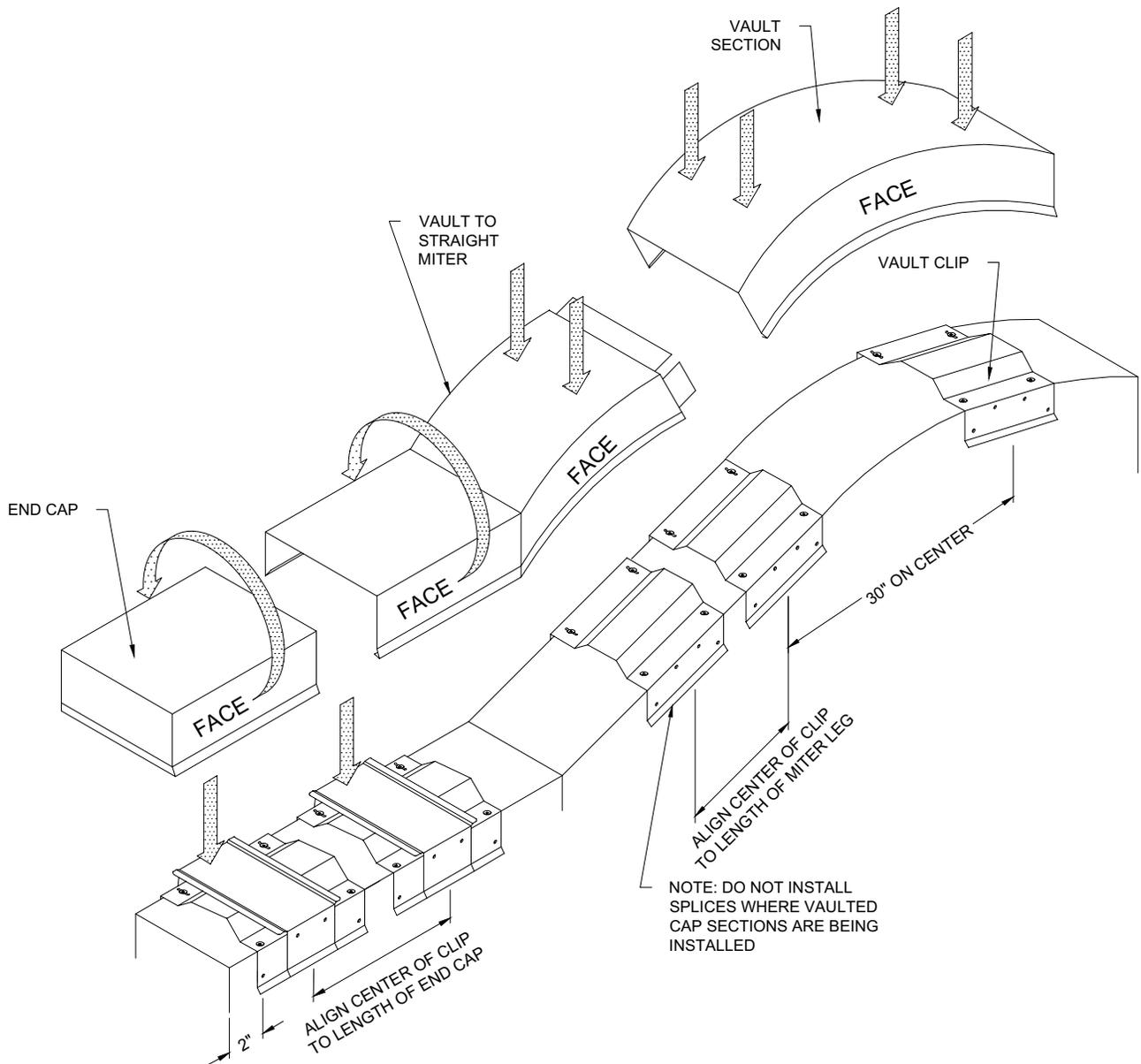
ENSURE THE ROOFING MEMBRANE HAS BEEN LAPPED OVER THE WALL AND SEALED. IN ORDER TO CONFORM TO THE RADIUS SECTION, MAKES CUTS IN THE ROOF FLANGE AND IN THE BOTTOM KICK OUT OF THE CLEAT AT INTERVALS THAT WILL ALLOW THE FACE OF THE CLEAT TO CONFORM TO THE RADIUS OF THE WALL (THE SMALLER THE RADIUS, THE MORE CUTS THAT WILL BE REQUIRED). SECURE CONTINUOUS COPING CLEAT SECTIONS ALONG THE OUTSIDE OF THE WALL USING STAINLESS STEEL RING SHANK NAILS. MAINTAIN A 1/8" GAP BETWEEN ADJACENT CLEAT PIECES. REFER TO STEP 2 THROUGH 6 TO INSTALL SPLICES, MITERS AND CAPS.



NOTE: ALL MITERS, END CONDITIONS, AND ACCESSORY CONDITIONS SHOULD BE INSTALLED PRIOR TO STRAIGHT SECTIONS

VAULT CONDITIONS

LOCATE CENTER OF CLIPS AT END OF MITER LEGS FIRST. PROCEED WITH INSTALLING CLIPS PER STEP 5 (PAGE 5), HOOK CAP ROTATE BACKWARD ONTO CLIP AND PUSH DOWNWARD TO ENGAGE CAP ONTO CLIP. FINALLY LOCATE VAULT CLIPS AT 30" ON CENTER (NO SPLICES REQUIRED). SECURE CAP ONTO CLIPS BY HOOKING AND ROTATING CAPS TO SECURE ONTO CLIPS. ADJUST VAULT CAP LENGTHS (DO NOT CUT FROM OFFSET TAB SIDE) TO FIT IN BETWEEN MITER AND END CONDITIONS ON SLOPED WALLS. USING SPACING CHART FOR CLIPS AS SHOWN BELOW.



Vault Clip Spacing = 30" On Center - for all sizes

NOTE: ALL MITERS, END CONDITIONS, AND ACCESSORY CONDITIONS SHOULD BE INSTALLED PRIOR TO STRAIGHT SECTIONS

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