DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Metal-Era Inc.
1600 Airport Road
Waukesha, WI. 53188

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.
This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Hi-PERF Ridge Vent; Sloped Roof meets High Wall, Sloped Roof meets Vertical Wall, Sloped Roof meets Flat Roof.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA 13-0710.04 consists of pages 1 through 19.

The submitted documentation was reviewed by ***Freddy Semino***

ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Ventilation
Material: See component herein
Minimum Slope: 3:12

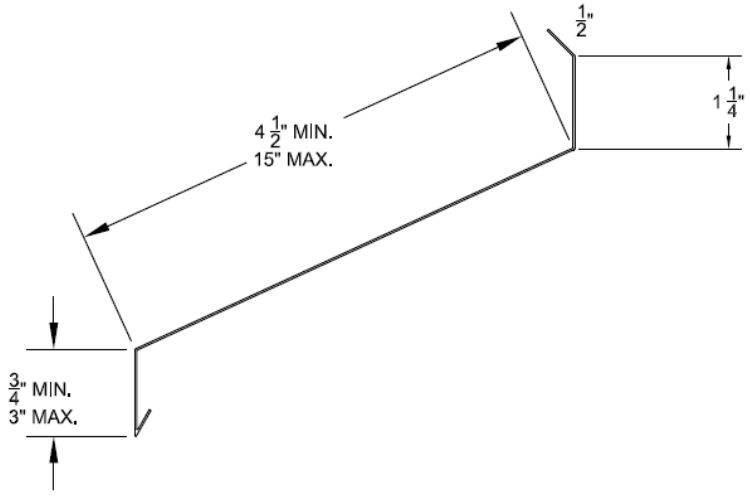
TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT

Product	Dimensions	Test Specification	Product Description
Hi-Perf Ridge Vent Sloped Roof meets High Wall	See drawings herein and component descriptions below.	TAS 100 (A)-95	Static ridge vent, for use over asphaltic shingles, comprised of expanded metal screen, Z brackets, cover, splice plates, and end caps. Designed to be used with deflectors.
Hi-Perf Ridge Vent Sloped Roof meets Vertical Wall	See drawings herein and component descriptions below.	TAS 100 (A)-95	Static ridge vent, for use over asphaltic shingles, comprised of expanded metal screen, Z brackets, cover, splice plates, intermittent spacers, continuous cleat and end caps. Designed to be used with deflectors.
Hi-Perf Ridge Vent Sloped Roof Meets Flat Roof	See drawings herein and component descriptions below.	TAS 100 (A)-95	Static ridge vent, for use over asphaltic shingles, comprised of expanded metal screen, Z brackets, cover, splice plates, waterdam, leveler and end caps. Designed to be used with deflectors.

Hi-Perf Ridge Vent, Sloped Roof meets High Wall, consists of the following components:

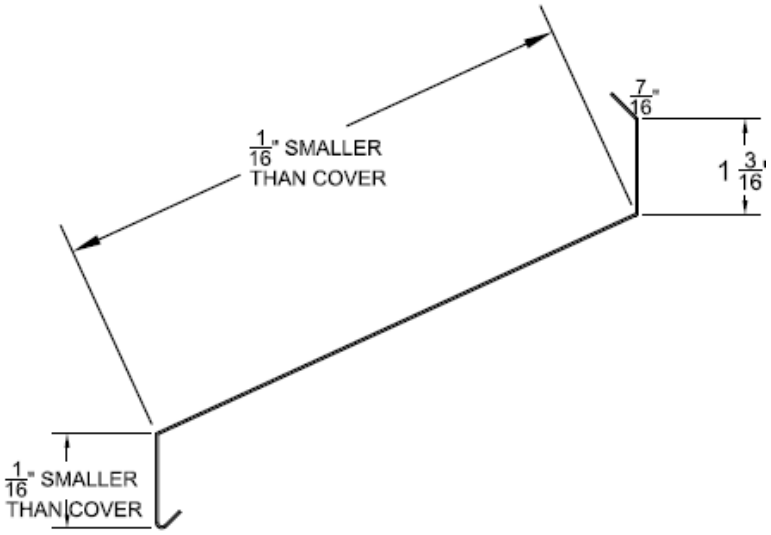
Ridge Vent Cover

Height: N/A
Width: Varies depending on roof slope.
Length: 12'-0"
Thickness:
Steel: 24 ga.
Aluminum: 0.040", 0.050", 0.063"



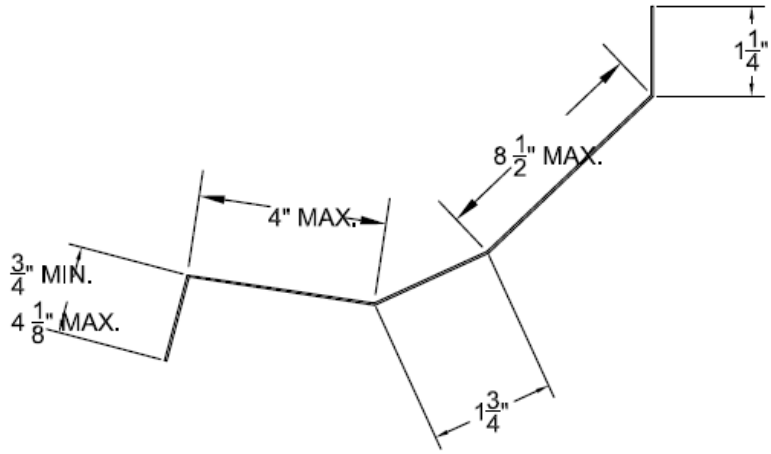
Cover Splice Plate

Height: N/A
Width: Varies depending on roof slope.
Length: 8”
Thickness:
Steel: 24 ga.
Aluminum: 0.040”, 0.050”, 0.063”



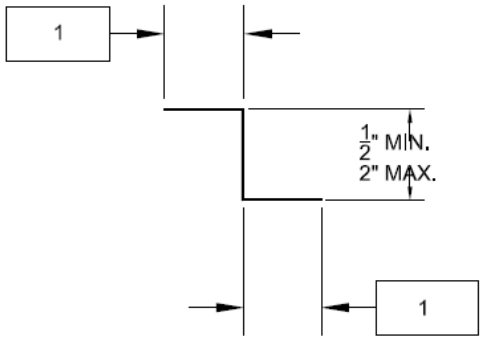
Screen

Height: N/A
Width: Varies depending on roof slope.
Length: Continuous
Thickness:
0.050” expanded aluminum metal support screen



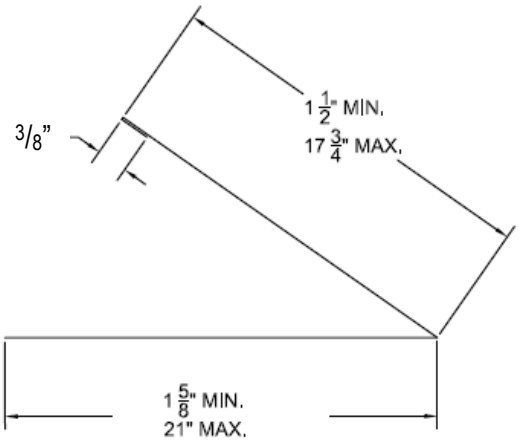
Continuous Z Bracket

Height: ½” - 2”
Width: 2”
Length: Continuous
Thickness:
20 ga., galvanized steel



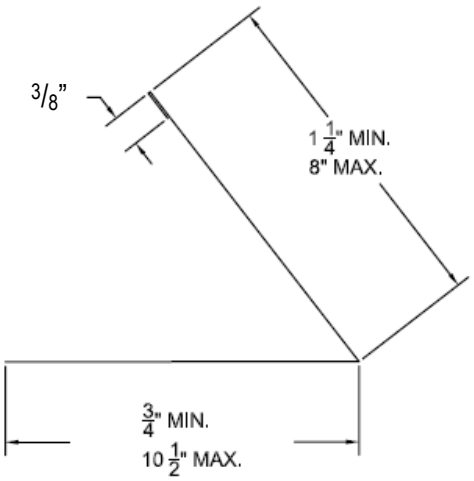
Deflector

Height:
1 ½ ”- 17 ¾”
Proportional with size of vent.
Width: 1 $^{5}/_{8}$”- 21”
Proportional with size of vent.
Length: 12’-0”
Thickness:
Steel: 24 ga.
Aluminum: 0.040”, 0.050”, 0.063”



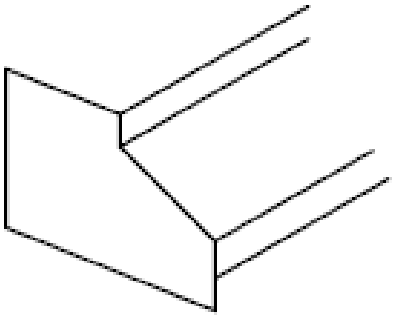
Baffle

Height: 1 ¼ ” – 8”
Proportional with size of vent.
Width:
¾ ” – 10 ½”
Proportional with size of vent.
Length: 3 ½”
Thickness:
Steel: 24 ga.
Aluminum: 0.040”, 0.050”, 0.063”



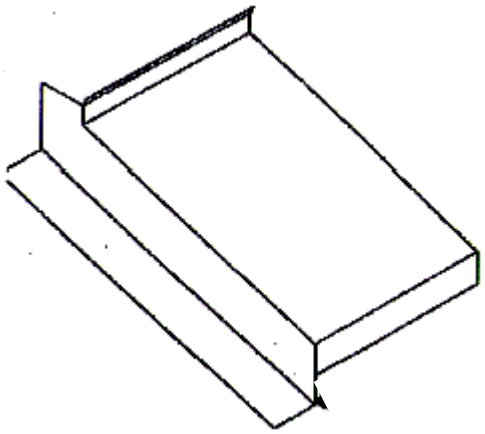
End Cap Style ‘A’

Height: N/A
Width: Varies depending on roof slope.
Length: 12”
Thickness:
Steel: 24 ga.
Aluminum: 0.040”, 0.050”, 0.063”



End Cap Style 'B'

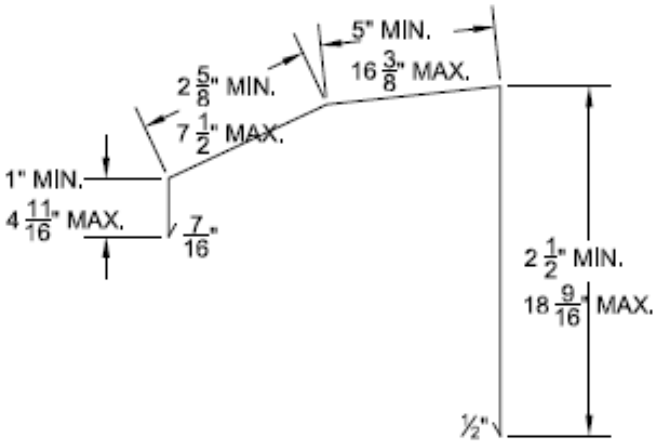
Height: N/A
Width: Varies depending on roof slope.
Length: 12"
Thickness:
Steel: 24 ga.
Aluminum: 0.040", 0.050", 0.063"



Hi-Perf Ridge Vent, Sloped Roof meets Vertical Wall, consists of the following components:

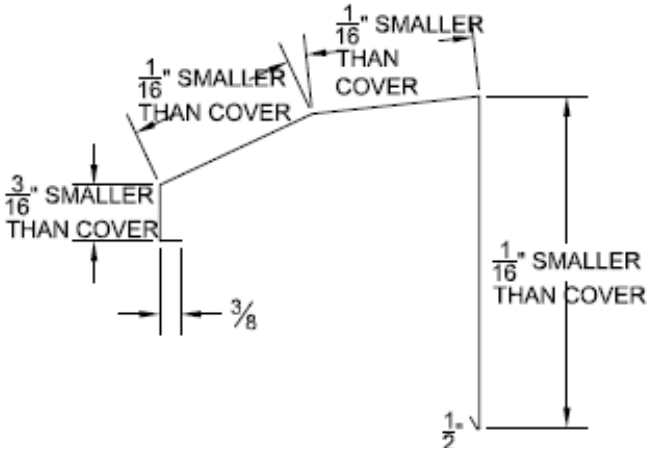
Ridge Vent Cover

Height:
N/A
Width: Varies depending on angle of roof slope.
Length: 12'-0"
Thickness:
Steel: 24 ga.
Aluminum: 0.040", 0.050", 0.063"



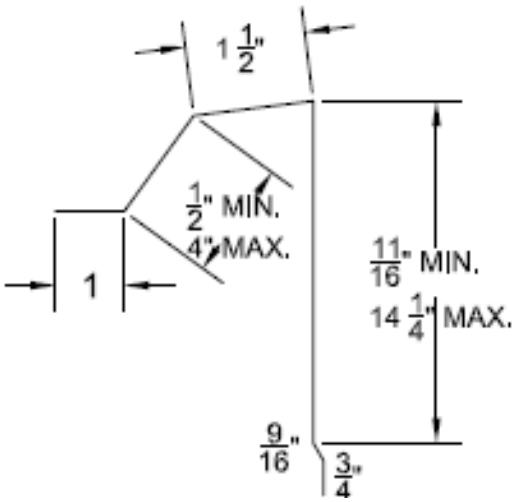
Cover Splice Plate

Height:
N/A
Width: Varies depending on angle of roof slope.
Length: 8"
Thickness:
Steel: 24 ga.
Aluminum: 0.040", 0.050", 0.063"



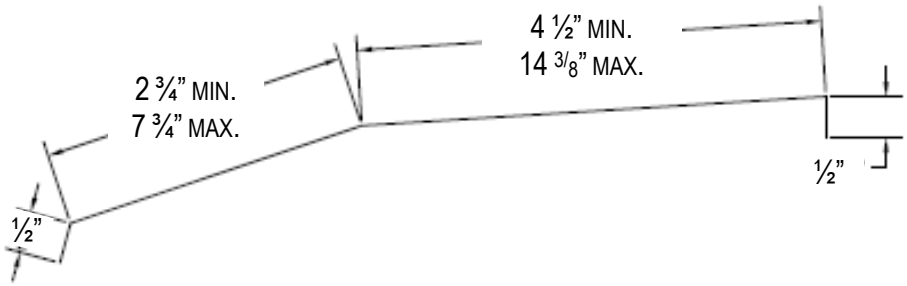
Continuous Cleat

Height: N/A
Width: Varies depending on angle of roof slope.
Length: Continuous
Thickness: 22 ga., galvanized steel



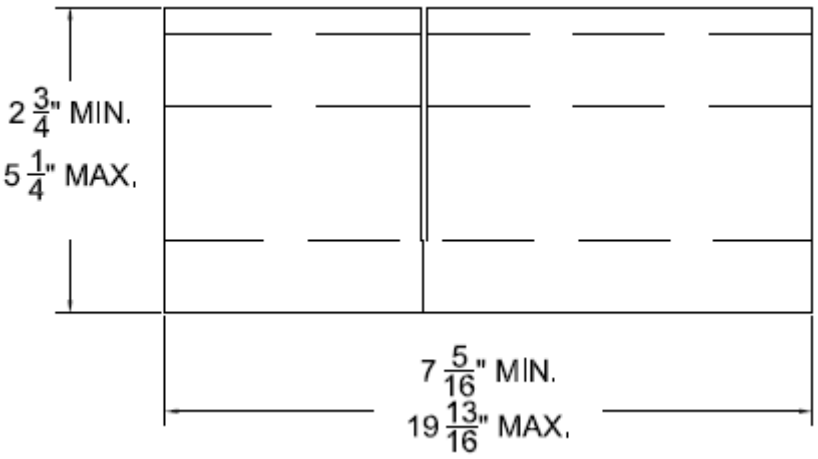
Screen

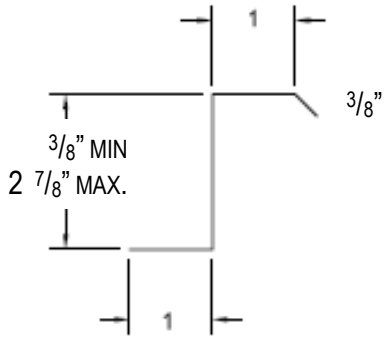
Height: N/A
Width: Varies depending on angle of roof slope.
Length: Continuous
Thickness: 0.050" expanded aluminum metal support screen



Upper Intermittent "Z"

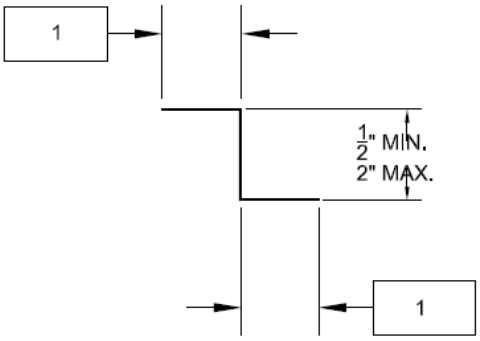
Height: 3/8" – 2 7/8"
Width: 2"
Length: 7 5/16" – 19 13/16"
Thickness: Aluminum: 0.050", 0.063"





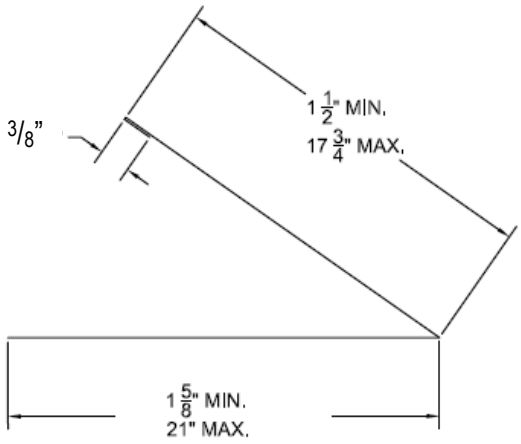
Continuous Z Bracket

Height: ½" - 2"
Width: 2"
Length: Continuous
Thickness: 20 ga., galvanized steel



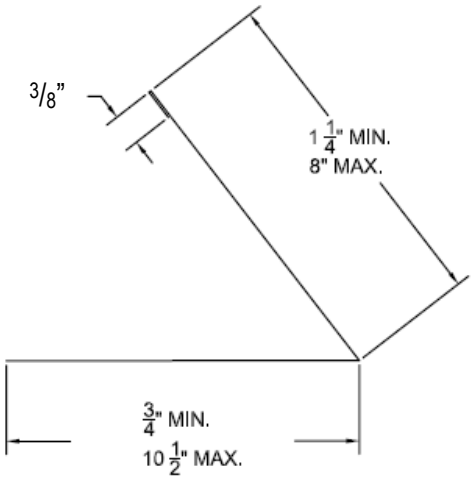
Deflector

Height:
1 ½ ”- 17 ¾”
Proportional with size of vent.
Width: 1 5/8”- 21”
Proportional with size of vent.
Length: 12’-0”
Thickness:
Steel: 24 ga.
Aluminum: 0.040”, 0.050”, 0.063”



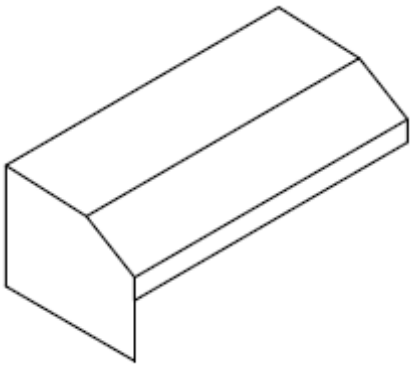
Baffle

Height: 1 ¼ ” – 8”
Proportional with size of vent.
Width:
¾ ” – 10 ½”
Proportional with size of vent.
Length: 3 ½”
Thickness:
Steel: 24 ga.
Aluminum: 0.040”, 0.050”, 0.063”



End Cap

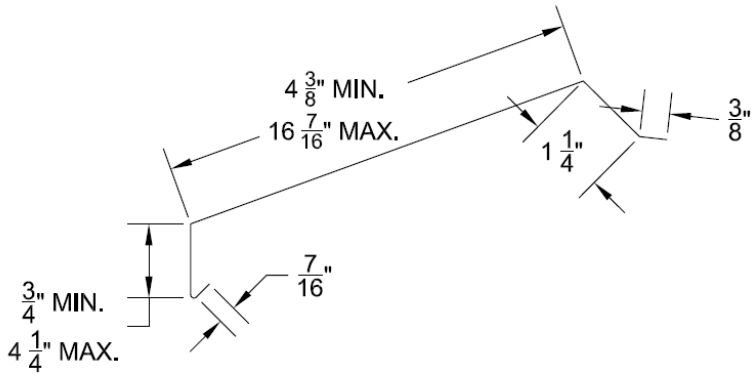
Height: N/A
Width: Varies depending on roof slope.
Length:
12”
Thickness:
Steel: 24 ga.
Aluminum: 0.040”, 0.050”, 0.063”



Hi-Perf Ridge Vent, Sloped Roof meets Flat Roof, consists of the following components:

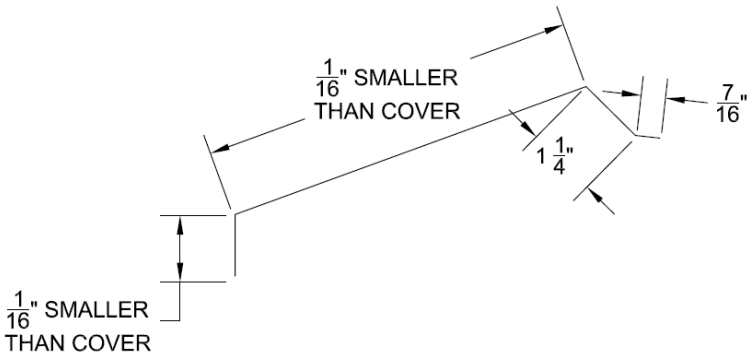
Ridge Vent Cover

Height: N/A
Width: Varies depending on angle of roof slope.
Length: 12'-0"
Thickness: Steel: 24 ga. Aluminum: 0.040", 0.050", 0.063"



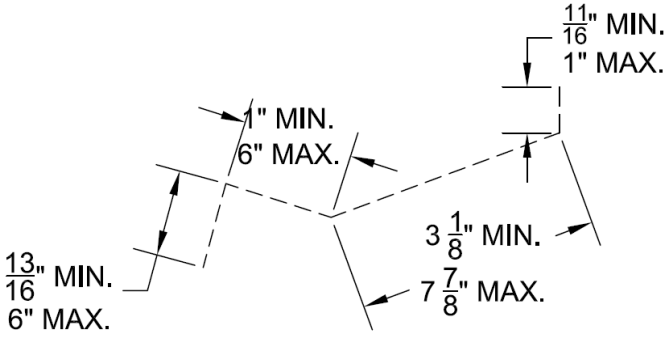
Cover Splice Plates

Height: N/A
Width: Varies depending on angle of roof slope.
Length: 8"
Thickness: Steel: 24 ga. Aluminum: 0.040", 0.050", 0.063"



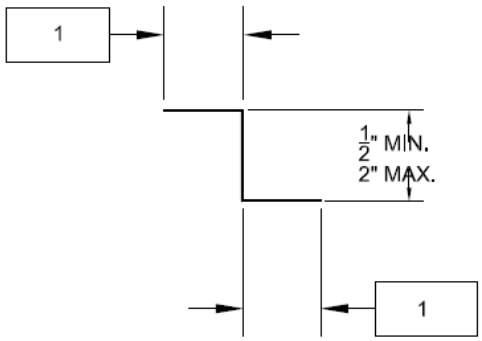
Screen

Height: N/A
Width: Varies depending on angle of roof slope.
Length: Continuous
Thickness: 0.050" expanded aluminum metal support screen



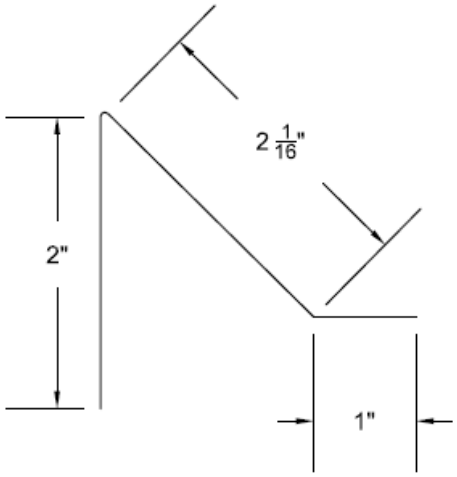
Continuous Z Bracket

Height: ½" - 2"
Width: 2"
Length: Continuous
Thickness: 20 ga., galvanized steel



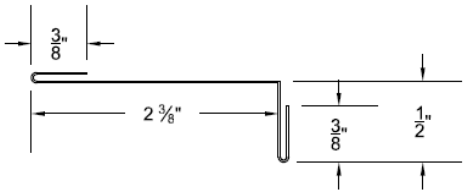
Waterdam

Height: See drawing
Width: See Drawing
Length: 12'-0"
Thickness: 24 ga., galvanized steel



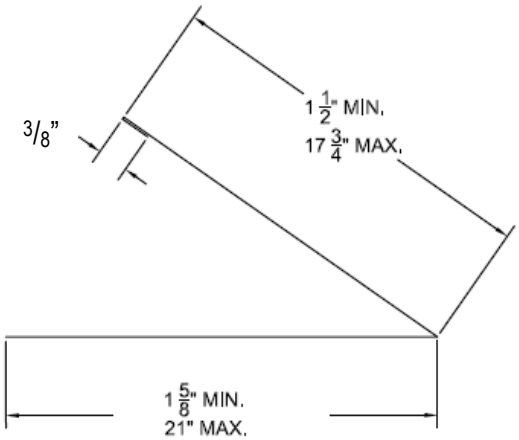
Leveler

Height: See drawing
Width: See drawing
Length: N/A
Thickness: 24 ga., galvanized steel



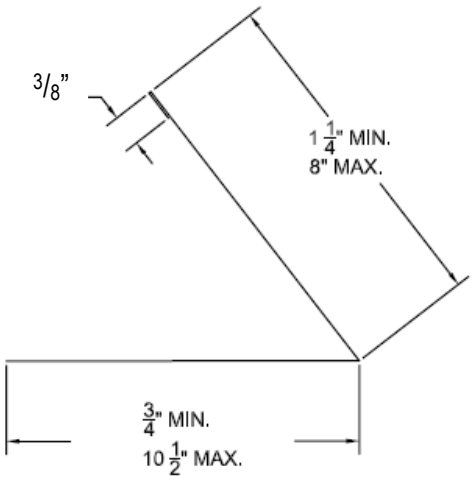
Deflector

Height: 1 ½ "- 17 ¾" Proportional with size of vent.
Width: 1 5/8"- 21" Proportional with size of vent.
Length: 12'-0"
Thickness: Steel: 24 ga. Aluminum: 0.040", 0.050", 0.063"



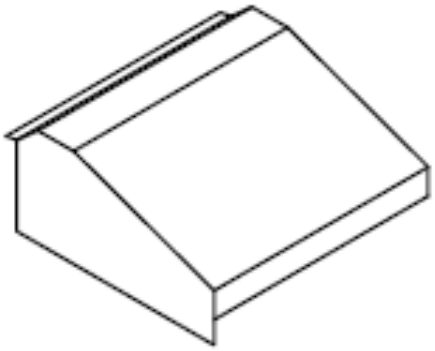
Baffle

Height: 1 ¼ ” – 8”
Proportional with size of vent.
Width:
¾ ” – 10 ½”
Proportional with size of vent.
Length: 3 ½”
Thickness:
Steel: 24 ga.
Aluminum: 0.040”, 0.050”, 0.063”



Endcap

Height: N/A
Width: Varies depending on roof slope.
Length:
12”
Thickness:
Steel: 24 ga.
Aluminum: 0.040”, 0.050”, 0.063”



MANUFACTURING LOCATION

1. Waukesha, WI.

EVIDENCE SUBMITTED

Test Agency/Identifier	Name	Report	Date
PRI Construction Materials	MEI-006-02-02-Rev.4	TAS-100(A)	01/24/14
Valspar		ASTM G152	04/15/14
		ASTM B 117	04/14/14

APPROVED APPLICATIONS:

Trade Name: **Hi-Perf Ridge Vent, Sloped Roof meets High Wall**

System Type A: Mechanical attachment of static ridge vent over asphalt shingles.

Installation:

1. At the roof/wall interface and centered across the deck width, allow a ½" (min.) - 2" (max.) slot opening cut in the deck sheathing. The slot opening shall terminate approximately 6" from the rake edges.

2. Install the Z-Brackets by placing a ¼" bead of approved silicone sealant along the bottom of the Z-Bracket. Place the Z-Bracket at the edge of the deck and secure it to the prepared roof with corrosion resistant #10 x 1", phillips head, sharp point wood screws with $^{7}/_{16}$" head diameter spaced 6" o.c. Lap Z-brackets 1".

3. Place the expanded metal support screen centered over the Z-Brackets. Fasten screen to Z- brackets with corrosion resistant #8-18 x ½" truss head self-tapping screws at 12" o.c. Lap expanded metal support screen 1".

4. Install a splice plate into each end cap separately, sealed with two beads of approved silicone sealant, $^{3}/_{8}$" in diameter, and rivet with one $^{1}/_{8}$" diameter corrosion resistant rivet on the face. The splice plate is installed into the end caps so that half the splice plate is exposed. The end cap with splice plate is snapped into place on the expanded metal support screen starting at the sloped end, hooking the expanded metal support screen and rotate into place, fasten from the side with (2) corrosion resistant #9-13 x 1½" hex head and 0.590" diameter bonded seal washers.

5. Install a splice plate into one end of cover, sealed with two beads of approved silicone sealant, $^{3}/_{8}$" in diameter, so that half of the splice plate is exposed.

6. Place two beads of approved silicone sealant on the existing splice plates installed with the end caps and cover. Snap cover into place between the two end caps starting at the sloped end, hooking the expanded metal support screen and rotated downward into place. To prevent migration, one corrosion resistant pop rivet was placed to one side of each joint, leaving a $^{3}/_{8}$" space between cover and end cap, and splice plate joints.

7. Fasten cover plate to the wall with corrosion resistant #9-13 x 1 ½" hex head fasteners with 0.590" diameter seal washers at 12" o.c. on the cover and two fasteners per end cap. Apply an approved silicone sealant between the caulk lip and wall.

8. Mount deflector to the deck down the slope from the installed vent such that the gap between the top edges of the deflector and the vent cover is 2". Apply a ¼" bead of approved silicone sealant to the underside of the deflector at the fastener line.
   Install deflector across the face of the installed vent in equal sections, with a 1" gap between sections. Fasten deflector to roof deck with corrosion resistant #9-13x1½" SS hex head with bonded seal washer at 12" o.c.

9. Install baffle across the 1" gaps between the two sections of the deflector, positioned up slope from the deflector, set in ¼" bead of approved silicone sealant and fastened with (1) corrosion resistant #9-13 x 1 ½" SS hex head with bonded seal washer.

Net Free Area: Refer to Manufacturer's Published Literature

Minimum Slope: 3:12

APPROVED APPLICATIONS:

Trade Name: **Hi-Perf Ridge Vent, Sloped Roof meets Vertical Wall**

System Type B: Mechanical attachment of static ridge vent over asphalt shingles.

Installation:

1. At the roof/wall interface and centered across the deck width, allow a ½" (min.) - 2" (max.) slot opening cut in the deck sheathing. The slot opening shall terminate approximately 6" from the rake edges.

2. Install the Z-Brackets by placing a ¼" bead of approved silicone sealant along the bottom of the Z-Bracket. Place the Z-Bracket at the edge of the deck and secure it to the prepared roof with corrosion resistant #10 x 1", phillips head, sharp point wood screws with $^{7}/_{16}$" head diameter spaced 6" o.c. Lap Z-brackets 1".

3. Install continuous cleat to wall in face with corrosion resistant #9 x 1 ½" hex head fasteners spaced at 12" o.c, and to flange with corrosion resistant 1 ¼"ringshank nails spaced at 12" o.c., and two fasteners per end cap.

4. Place the expanded metal support screen centered over the Z-Brackets. Temporarily fasten screen to Z-brackets with corrosion resistant fasteners at each end of 12'-0" length to hold in place.

5. Starting at the end of the roof, where the end caps will be placed, install intermittent spacers thru screen into Z-brackets and continuous cleat with corrosion resistant #8-18 x ½" truss head self -tapping tek 2 screws at 16" o.c. The bends on top of the spacer must all be facing away from the end of roof.

6. Install a splice plate into each end cap separately, sealed with two beads of approved silicone sealant, $^{3}/_{8}$" in diameter, and rivet with one $^{1}/_{8}$" diameter corrosion resistant rivet on the face. The splice plate is installed into the end caps so that half the splice plate is exposed. Slide end caps with splice plate into place on the expanded metal support screen starting at the sloped end; fasten from the side with (2) corrosion resistant #9-13 x 1 ½" hex head and 0.590" diameter bonded seal washers.

7. Install a splice plate into one end of cover, sealed with two beads of approved silicone sealant, $^{3}/_{8}$" in diameter, so that half of the splice plate is exposed.

8. Place two beads of approved silicone sealant on the existing splice plates installed with the end caps and cover. Slide cover onto expanded metal support screen. Leave a $^{3}/_{8}$" space at splice joints. To prevent migration, one corrosion resistant pop rivet was placed to one side of each joint.

9. Mount deflector to the deck down the slope from the installed vent such that the gap between the top edges of the deflector and the vent cover is a 2". Apply a ¼" bead of approved silicone sealant to the underside of the deflector at the fastener line. Deflector was installed across the face of the installed vent in equal sections, with a 1" gap between sections. Fasten deflector to roof deck with corrosion resistant #9-13x1 ½" SS hex head with bonded seal washer 12" o.c.

10. Install a baffle across the 1" gaps between the two sections of the deflector, positioned up slope from the deflector, set in ¼" bead of approved silicone sealant and fastened with (1) #9-13 x 1 ½" SS hex head with bonded seal washer.

Net Free Area: Refer to Manufacturer's Published Literature

Minimum Slope: 3:12

APPROVED APPLICATIONS:

Trade Name: **Hi-Perf Ridge Vent, Sloped Roof meets Flat Roof**

System Type C: Mechanical attachment of static ridge vent over asphalt shingles.

Installation:

1. At the roof interface and centered across the deck width, allow a ½" (min.) - 2" (max.) slot opening cut in the deck sheathing. The slot opening shall terminate approximately 6" from the rake edges.
2. Clip (3) levelers on to water dam. Slide levelers into position: one 7" from each end and one in the center. Install water dam and levelers to prepared roof with corrosion resistant 1 ¼" ring shank nails spaced 6" o.c.
3. Install the Z-Brackets by placing a ¼" bead of approved silicone sealant along the bottom of the Z-Bracket. Place the Z-Bracket at the edge of the deck and secure it to the prepared roof with corrosion resistant #10 x 1", phillips head, sharp point wood screws with $^{7}/_{16}$" head diameter spaced 6" o.c. Lap Z-brackets 1".
4. Place the expanded metal support screen centered over the Z-Brackets. Fasten screen to Z- brackets and water dam with corrosion resistant #8-18 x ½" truss head self-tapping tek 2 screws at 12" o.c. Lap expanded metal support screen 1".
5. Install a splice plate into each end cap separately, sealed with two beads of approved silicone sealant, $^{3}/_{8}$" in diameter, and rivet with one $^{1}/_{8}$" diameter corrosion resistant rivet on the face. The splice plate is installed into the end caps so that half the splice plate is exposed. The end cap with splice plate is snapped into place on the expanded metal support screen starting at the sloped end, hooking the expanded metal support screen and rotate into place, fasten from the side with (2) corrosion resistant #9-13 x 1½" hex head and 0.590" diameter bonded seal washers.
6. Install a splice plate into one end of cover, sealed with two beads of approved silicone sealant, $^{3}/_{8}$" in diameter, so that half of the splice plate is exposed.
7. Place two beads of approved silicone sealant on the existing splice plates installed with the end caps and cover. Snap cover into place between the two end caps starting at the sloped end, hooking the expanded metal support screen and rotated downward into place. To prevent migration, one corrosion resistant pop rivet was placed to one side of each joint, leaving a $^{3}/_{8}$" space between cover and end cap, and splice plate joints.
8. Fasten cover plate to the water dam with corrosion resistant #12-14 x 1" tek 3 hex head fasteners with bondseal (neoprene) washers at 12" o.c. on the cover and two fasteners per end cap.

9. Mount deflector to the deck down the slope from the installed vent such that the gap between the top edges of the deflector and the vent cover is 2". Apply a ¼" bead of approved silicone sealant to the underside of the deflector at the fastener line. Install deflector across the face of the installed vent in equal sections, with a 1" gap between sections. Fasten deflector to roof deck with corrosion resistant #9-13x1 ½" SS hex head with bonded seal washer at 12" o.c.

10. Install baffle across the 1" gaps between the two sections of the deflector, positioned up slope from the deflector, set in ¼" bead of approved silicone sealant and fastened with (1) corrosion resistant #9-13 x 1 ½" SS hex head with bonded seal washer.

Net Free Area: Refer to Manufacturer's Published Literature

Minimum Slope: 3:12

LIMITATIONS:

1. Refer to applicable Building Code for required ventilation.

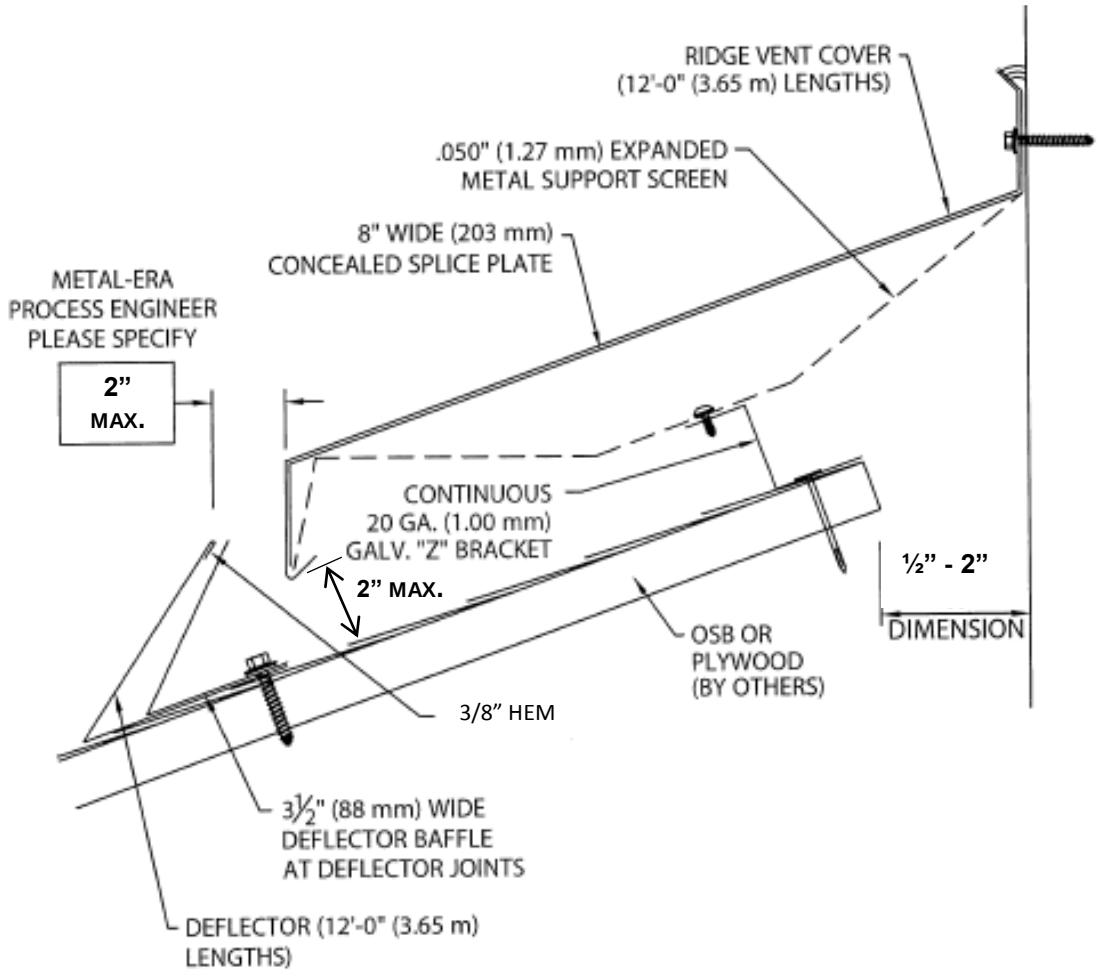
2. Hi-Perf Ridge Vent, Sloped Roof meets High Wall, Sloped Roof meets Vertical Wall, and Sloped Roof meets Flat Roof shall comply with the manufacturer's current published application instructions and the requirements set forth in the applicable Building Code.

3. Hi-Perf Ridge Vent, Sloped Roof meets High Wall, Sloped Roof meets Vertical Wall, and Sloped Roof meets Flat Roof shall not be installed on roof mean heights greater than 33 feet.

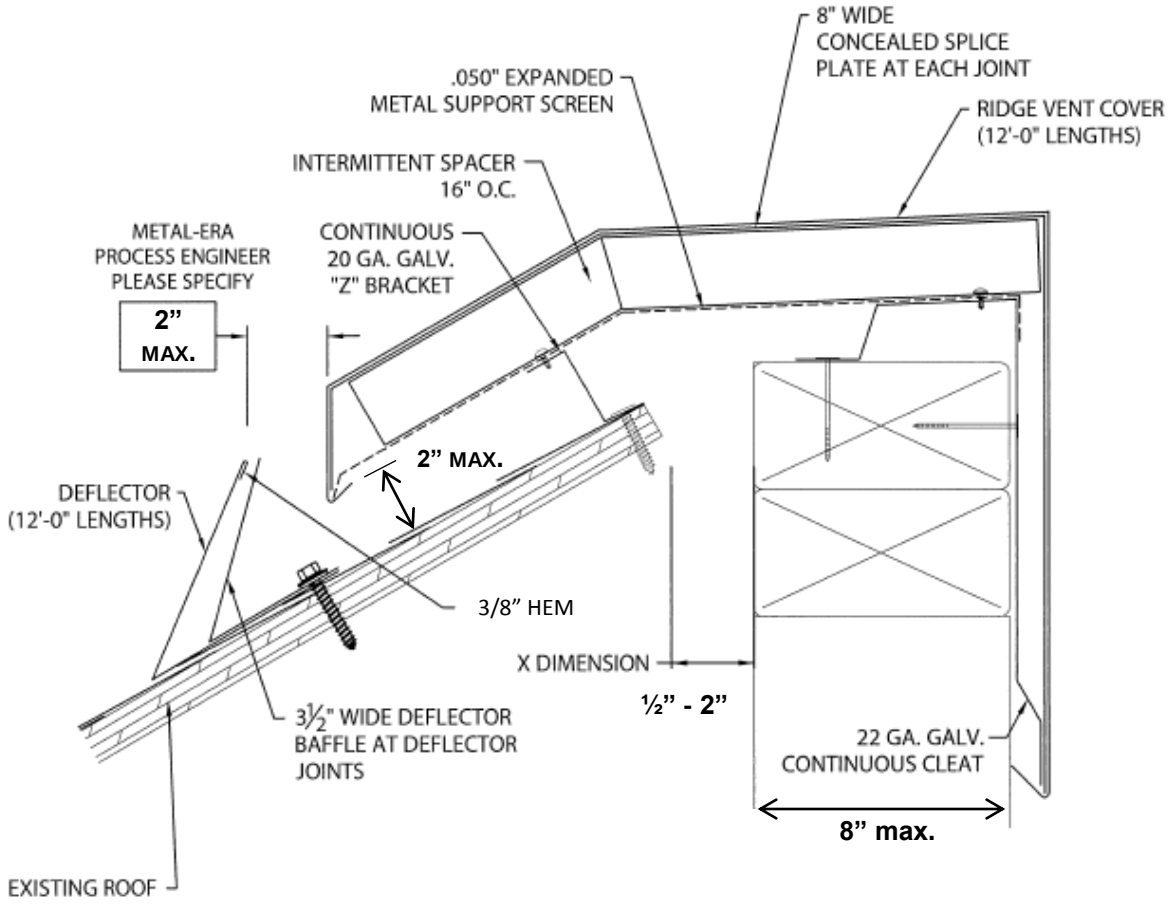
4. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.

5. All approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo, city and state of manufacturing facility, and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.

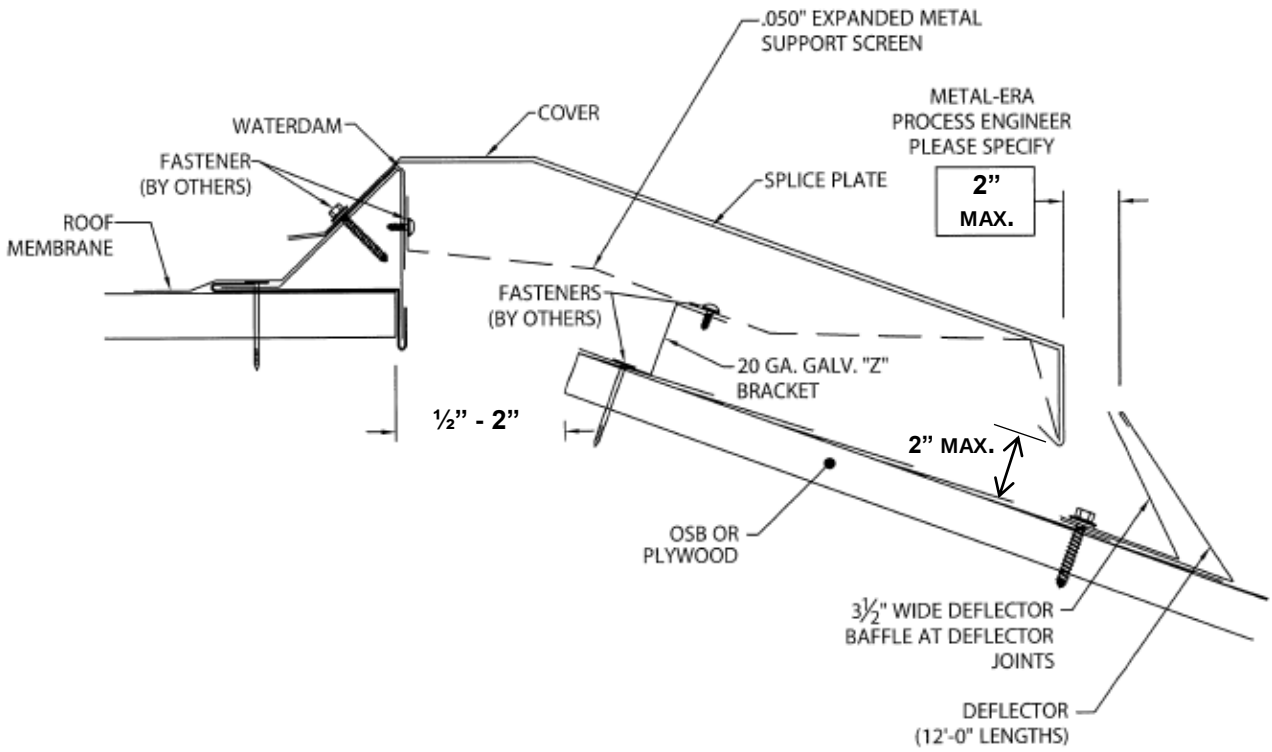
DETAIL A
SLOPED ROOF MEETS HIGH WALL



DETAIL B
SLOPED ROOF MEETS VERTICAL WALL



DETAIL C
SLOPED ROOF MEETS FLAT ROOF



END OF THIS ACCEPTANCE