Product Approval
USER: Public User

FL #	FL5027-R16
Application Type	Revision
Code Version	2020
Application Status	Approved
	*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.
Comments	
Archived	☐
Product Manufacturer	GAF/LL Building Products, Inc sub of GAF
Address/Phone/Email	1 Campus Drive Parsippany, NJ 07054 (800) 766-3411 mstieh@gaf.com
Authorized Signature	Michael Stieh mstieh@gaf.com
Technical Representative	Steve Boehling
Address/Phone/Email	295 McKoy Road Burgaw, NC 28425 sboehling@gaf.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Roofing
Subcategory	Roofing Accessories that are an Integral Part of the Roofing System
Compliance Method	Evaluation Report from a Product Evaluation Entity
Evaluation Entity	Miami-Dade BCCO - EVL
Quality Assurance Entity	Miami-Dade BCCO - QUA
Quality Assurance Contract Expiration Date	07/17/2027
Validated By	Miami-Dade BCCO - VAL
Certificate of Independence	

Referenced Standard and Year (of Standard)

Standard	Year
TAS(100)(A)	1995

Equivalence of Product Standards Certified By

Sections from the Code

Product Approval Method — Method 1 Option C

Date Submitted	01/06/2023
Date Validated	01/09/2023
Date Pending FBC Approval	
Date Approved	01/12/2023

Summary of Products

FL #	Model, Number or Name	Description
5027.1	Master Flow® Ridge Vent Aluminum	10' long aluminum ridge vent - in embossed mill finish and colors
Limits of Use **Approved for use in HVHZ:** Yes **Approved for use outside HVHZ:** Yes **Impact Resistant:** N/A **Design Pressure:** N/A **Other:** Master Flow® Ridge Vent Aluminum shall not be installed on roof mean heights greater than 33 feet per Miami-Dade NOA 22-0411.05. The Master Flow® Ridge Vent Aluminum complies with the HVHZ of the Florida Building Code		**Installation Instructions** FL5027_R16_II_22-0411.05.pdf Verified By: Miami-Dade BCCO - EVL Created by Independent Third Party: **Evaluation Reports** FL5027_R16_AE_22-0411.05.pdf
5027.2	Master Flow® Roof Louver SSB960 Metal Slant-Back - Aluminum (SSB960A)	Static Roof Louver
Limits of Use **Approved for use in HVHZ:** Yes **Approved for use outside HVHZ:** Yes **Impact Resistant:** N/A **Design Pressure:** N/A **Other:** Master Flow® Roof Louver SSB960 Metal Slant-Back - Aluminum (SSB960A) shall not be installed on roof mean heights greater than 33 feet and are to be installed on asphaltic shingle roofing per Miami-Dade NOA 22-0929.04. The Master Flow® Roof Louvers comply with the HVHZ of the Florida Building Code.		**Installation Instructions** FL5027_R16_II_22-0929.04.pdf Verified By: Miami-Dade BCCO - EVL Created by Independent Third Party: **Evaluation Reports** FL5027_R16_AE_22-0929.04.pdf
5027.3	Master Flow® Wind Turbine Galvanized Externally Braced	12" galvanized Turbine Roof Ventilator (externally braced in mill finish and in colors)
Limits of Use **Approved for use in HVHZ:** Yes **Approved for use outside HVHZ:** Yes **Impact Resistant:** N/A **Design Pressure:** N/A **Other:** Master Flow® Wind Turbine Galvanized Externally Braced shall not be installed on roof mean heights greater than 33 feet and these vents are approved for asphaltic shingle roofing per Miami-Dade NOA 22-0411.04. The Master Flow® Wind Turbine Galvanized Externally complies with the HVHZ of the Florida Building Code.		**Installation Instructions** FL5027_R16_II_22-0411.04.pdf Verified By: Miami-Dade BCCO - EVL Created by Independent Third Party: **Evaluation Reports** FL5027_R16_AE_22-0411.04.pdf

Back Next

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
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www.miamidade.gov/economy

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

NOTICE OF ACCEPTANCE (NOA)

GAF
1 Campus Drive
Parsippany, NJ 07054

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: **GAF Master Flow® Ridge Vent Aluminum,**
GAF Master Flow® End Plug/Connector For Aluminum Ridge Vent, and
GAF Master Flow® Joint Connector Strap For Aluminum Ridge Vent

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 and revises NOA # 20-0130.05 and consists of pages 1 through 4.
The submitted documentation was reviewed by Alex Tigera.

ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Ventilation
Material: Aluminum

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

Product	Dimensions	Test Specification	Product Description
GAF Master Flow® Ridge Vent Aluminum	1.71": height 8":width 10':length 0.025": Min. embossed thickness	TAS 100(A)	Aluminum static louvered roof ventilation system
Master Flow® End Plug/Connector For Aluminum Ridge Vent	1.8": height 5.75":width 1.44":length 0.080": Min. thickness	TAS 100(A)	End Plug/Connector for GAF Master Flow® Ridge Vent Aluminum
Master Flow® Joint Connector Strap For Aluminum Ridge Vent	1.5": height 2":width 7.75":length 0.025": Min. thickness	TAS 100(A)	Joint Connector Strap for GAF Master Flow® Ridge Vent Aluminum

MANUFACTURING LOCATION

1. Burgaw, NC.

EVIDENCE SUBMITTED

Test Agency	Test Identifier	Description	Date
Center for Applied Engineering, Inc.	MDC-106	TAS100(A)	Feb. 1995
Celotex Corporation Testing Services	520128-3	TAS 100(A)	Jan. 1999
PRI Construction Material Technologies	LLB-015-02-01 GAF-763-02-01	TAS 100(A) TAS 100(A)	08/01/07 02/17/17

APPROVED ASSEMBLY:

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

Cutout: Refer to manufacturer's published literature .

Installation: Snap a chalk line centered on the peak of the roof, followed by two parallel chalk lines on either side of the center line. The two parallel chalk lines will mark the location of the ridge air slot to be cut. For truss construction, strike a chalk line and cut 1" on each side of the roof peak. For ridge pole construction, strike a chalk line and cut 1" on each side of the ridge pole. Remove any roof sheathing, underlayment or roof shingles in the area to be cut. Use a circular saw to cut the roof sheathing open along the two parallel chalk lines on both sides of the peak. This will provide the ridge air slot. The ridge air slot should be kept 12" away from all rake/gable ends, end walls, hip/ridge junctions and other ridge air slots. For best appearance on the roof, the vent should be installed on the entire length of the ridge.

Before installing the vent, apply a 3/8" wide bead of ASTM C920 Polyurethane Sealent to the top of the shingles around the perimeter of the ridge air slot to seal the vent's flanges to the shingles. At the ridge air slot, seal each layer of asphalt shingle and underlayment together by applying a ¼" wide bead of ASTM C920 Polyurethane Sealeant, approxiamately 1¼" away from the ridge slot opening.

Begin installing the first section of GAF Master Flow® Ridge Vent Aluminum,) at one end of the ridge. Install a GAF Master Flow® End Plug/Connector For Aluminum Ridge Vent the end of the vent and seal with ASTM C920 Polyurethane Sealant. The vent should be centered over and completely cover the ridge air slot. Using the pre-drilled fastener holes, nail the ridge vent in place using 12 gauge 1 ¼" aluminum or galvanized corrosion resistant ring shank nails spaced 6" on-center. Do NOT nail within 2" of the end of the vent. Seal all exposed nail heads with ASTM C920 Polyurethane Sealant.

Use a GAF Master Flow® End Plug/Connector For Aluminum Ridge Vent to join adjacent GAF Master Flow® Ridge Vent Aluminum sections. Insert the GAF Master Flow® End Plug/Connector For Aluminum Ridge Vent halfway into each adjacent ridge vent section and press both ridge vent sections tightly together. Seal the joint with ASTM C920 Polyurethane Sealant

At the end of the vent run, terminate the vent using a GAF Master Flow® End Plug/Connector For Aluminum Ridge Ventby completely inserting it into the end of the vent. Seal it with an ASTM C920 Polyurethane Sealant.

GAF Master Flow® Joint Connector Strap For Aluminum Ridge Ventshould be installed at all vent connections and at end caps. Fasten the GAF Master Flow® Joint Connector Strap For Aluminum Ridge Vent with four 1 ¼" aluminum or galvanized corrosion resistant ring shank nails per strap, two per flange. Seal all exposed nail heads with ASTM C920 Polyurethane Sealant.

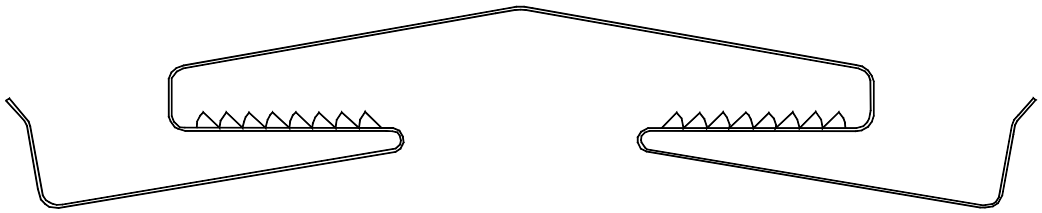
Ventilation Calculations: Refer to manufacturer's published literature.

Minimum Slope: 3:12

LIMITATIONS:

1. Refer to applicable Building Codes for required ventilation.
2. GAF Master Flow® Ridge Vent Aluminum shall comply with applicable building code.
3. GAF Master Flow® Ridge Vent Aluminum shall not be installed on roof mean heights greater than 33 feet.
4. GAF Master Flow® Ridge Vent Aluminum shall comply with 1517.6 of the Florida Building Code (FBC).
5. 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.

DETAIL



GAF MASTER FLOW® RIDGE VENT ALUMINUM

END OF THIS ACCEPTANCE

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

MIAMI-DADE COUNTY
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Miami, Florida 33175-2474
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NOTICE OF ACCEPTANCE (NOA)

GAF
1 Campus Drive
Parsippany, NJ 07054

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).

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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: GAF Master Flow® Wind Turbine Galvanized Externally Braced formerly known as GAF Master Flow® Wind Turbine 12" Galvanized - Externally Braced

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 revises and renews NOA No. 20-0130.04 and consists of pages 1 through 5.
The submitted documentation was reviewed by Alex Tigera.

ROOFING COMPONENT APPROVAL

Category:	Roofing
Sub-Category:	Ventilation
Material:	Steel
Deck:	Wood

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

Product	Dimensions	Test Specification	Product Description
GAF Master Flow® Wind Turbine Galvanized Externally Braced formerly known as GAF Master Flow® Wind Turbine 12" Galvanized - Externally Braced	18” wide at base 20” high 26 gauge minimum thickness	TAS 100(A)	12“ diameter opening turbine ventilation system

MANUFACTURING LOCATION

1. Burgaw, NC.

EVIDENCE SUBMITTED

Test Agency	Test Identifier	Description	Date
PRI Asphalt Technologies, Inc.	GAF-738-02-01	TAS 100(A)	12/01/16

APPROVED ASSEMBLY:

Tradename: **GAF Master Flow® Wind Turbine Galvanized Externally Braced formerly known as GAF Master Flow® Wind Turbine 12" Galvanized - Externally Braced**

System Type: Mechanical attachment of turbine vent over asphalt shingle roof systems only.

Cutout: At chosen location and centered between two roof rafters, cut a 12" diameter hole through shingles and sheathing boards. Make a mark on the shingles 5½" up roof from the top of the cutout, and 5½" to the right and left of the cutout edges.

Installation: Starting with a shingle course down roof edge closest to horizontal center line of the 12" cutout, roll all shingles in the area between the three marks carefully upward, and completely remove all shingle nails which are exposed and within the area enclosed by the marks.

Loosen clamp screw on vent system base. Place mounting base unit flat on the shingles on its flashing and, standing with one foot on each side of the flashing, turn the upper adjustable stack section to a vertical position, rotating flashing section as required. (Note: This adjustment must be made before anchoring base flashing to roof.) Now tighten clamp screw to lock in position.

Coat underside of base flashing with roofing cement, and, in its pitch-adjusted position, carefully slide upper half of flashing up roof beneath shingles previously rolled back, until base is centered over 12" cutout. Again, rolling back the shingles where necessary, and rechecking pitch setting for vertical alignment, secure the base unit to roof using 12ga. roofing nails approximately 1" from the edge at all corners and at the center of each edge. Next place roofing nails every 45° approximately 1" out from the stack. Use a minimum of (24) twenty-four nails (See Fastening Pattern below). Nails shall be of sufficient length to penetrate through roof sheathing a minimum of ½". Apply roofing cement to underside of shingles overlapping flashing, press them down onto the flashing.

Set turbine firmly on crimped base collar, anchor with (3) three corrosion resistant #10 x ½" sheet metal screws through holes in turbine base ring.

Note: **Apply roofing cement to all exposed flashing edges and gutter sealing caulking to the junction of stack and flashing, the bead joining the upper and lower stack sections and the vertical seam in the upper and lower stack sections and all exposed nail and screw heads.**

Net Free Area: Refer to manufacturers published literature.

Minimum Slope: 2:12

LIMITATIONS:

1. Refer to applicable Building Codes for required ventilation.

2. GAF Master Flow® Wind Turbine Galvanized Externally Braced formerly known as GAF Master Flow® Wind Turbine 12" Galvanized - Externally Braced shall comply with applicable Building Code.

3. This acceptance is for installations over asphalt shingle roof systems only.

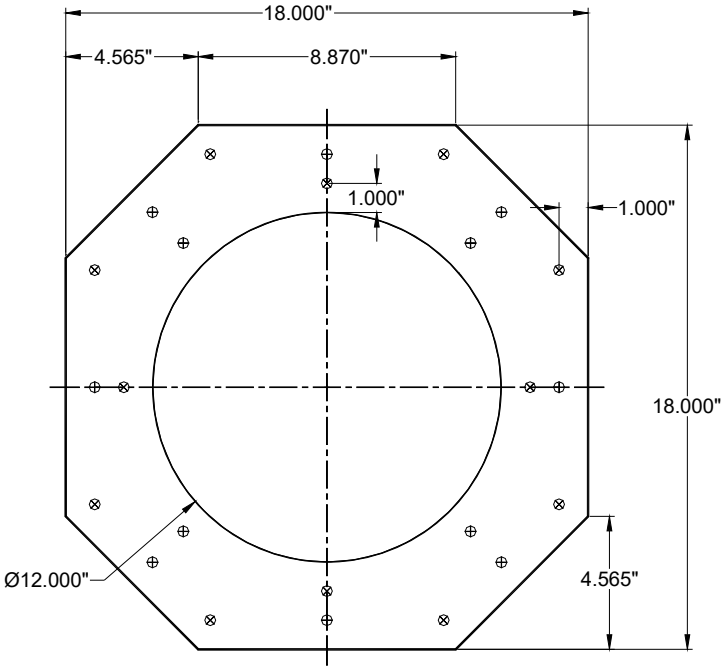
4. GAF Master Flow® Wind Turbine Galvanized Externally Braced formerly known as GAF Master Flow® Wind Turbine 12" Galvanized - Externally Braced shall not be installed on roof mean heights greater than 33 feet.

5. GAF Master Flow® Wind Turbine Galvanized Externally Braced formerly known as GAF Master Flow® Wind Turbine 12" Galvanized - Externally Braced shall comply with 1517.6 of the Florida Building Code (FBC).

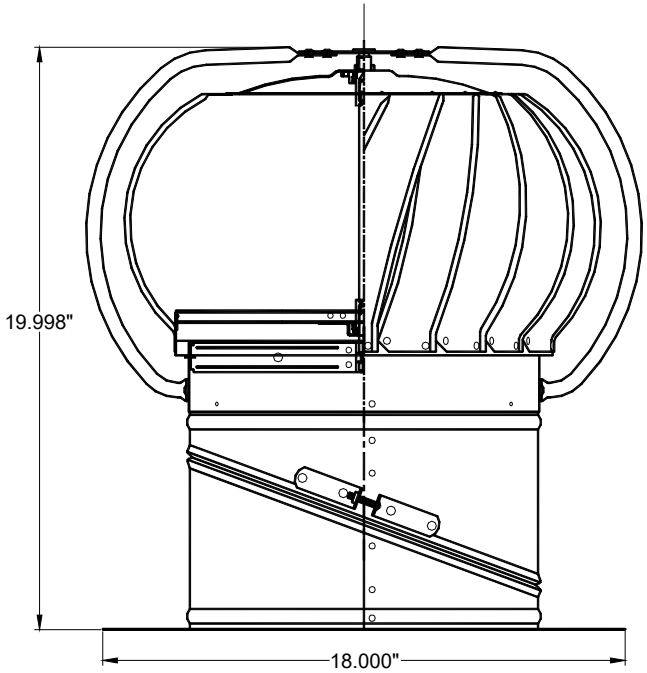
6. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.

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

DETAIL DRAWINGS



Turbine Base



GAF Master Flow® Wind Turbine Galvanized Externally Braced formerly known as GAF Master Flow® Wind Turbine 12" Galvanized - Externally Braced

END OF THIS ACCEPTANCE

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

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SCOPE:

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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: GAF Master Flow® Roof Louver SSB960 Metal Slant-Back – Aluminum (SSB960A)

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.

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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 and revises NOA NO. 20-0130.06 and consists of pages 1 through 5.
The submitted documentation was reviewed by Alex Tigera.

ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Ventilation
Material: Aluminum
Minimum Slope: 2:12

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

Product	Dimensions	Test Specification	Product Description
GAF Master Flow® Roof Louver SSB960 Metal Slant-Back – Aluminum (SSB960A)	Vent Ht.: 4.93” Vent Width:11.52” Vent Length:15¼” Base: 16”x 20½” Min. Embossed Thickness: 0.025”	TAS 100(A)	Aluminum static louvered roof ventilation system

MANUFACTURING LOCATION:

1. Burgaw, NC

EVIDENCE SUBMITTED

Test Agency/Identifier	Name	Report	Date
Celotex Corporation Testing Services	520368	TAS 100(A)	August 1999
PRI Construction Materials	LLB-016-02-01	TAS 100(A)	10/16/07
	LLB-020-02-01	TAS 100(A)	03/10/14

APPROVED APPLICATIONS

Tradename: GAF Master Flow® Roof Louver SSB960 Metal Slant-Back – Aluminum (SSB960A)

System Type: Mechanical attachment of static vent over asphaltic shingles.

Cutout: Vents shall be installed 18" below the ridge line measured to the closest point of the vent to the ridge. Vents shall be evenly centered between rafters. Center the vent hole between rafters and mark a 10" circular outline for the vent opening on the roof.

Starting at the marked circular outline, cut the 10" diameter hole through the deck sheathing.

Installation: Position the vent over the vent opening in the deck. Remove roofing nails from top row of shingles so that the top half of the flange is positioned beneath the shingles. Position the bottom half of the vent's flange above shingles. Seal underside of vent's flange with an approved sealant around the vent opening in the roof deck and inside the perimeter of the vent flange.

Attach vent to roof deck with 12 ga. 1 ¼" galvanized ring shank nails placed 1" from the edge of the flange and 4"o.c. in all four sides of the vent flange perimeter. Seal all exposed nails with an approved sealant.

Re-install shingles loosened or affected by vent installation, and shingles installed above the vent's top flange with an approved sealant and in accordance with the applicable building code.

Net Free Area: Refer to manufacturers published literature.

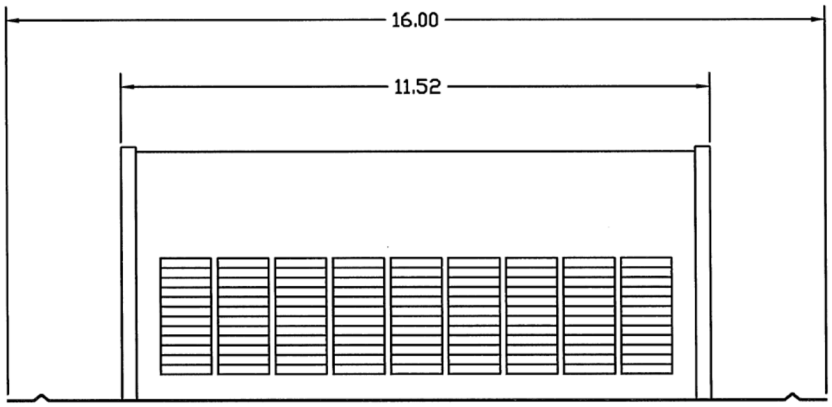
GENERAL LIMITATIONS:

1. GAF Master Flow® Roof Louver SSB960 Metal Slant-Back – Aluminum (SSB960A) shall comply with the applicable Building Code. Refer to applicable building codes for required ventilation.
2. GAF Master Flow® Roof Louver SSB960 Metal Slant-Back – Aluminum (SSB960A) shall be installed over asphalt shingle roofs only.
3. GAF Master Flow® Roof Louver SSB960 Metal Slant-Back – Aluminum (SSB960A) 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.

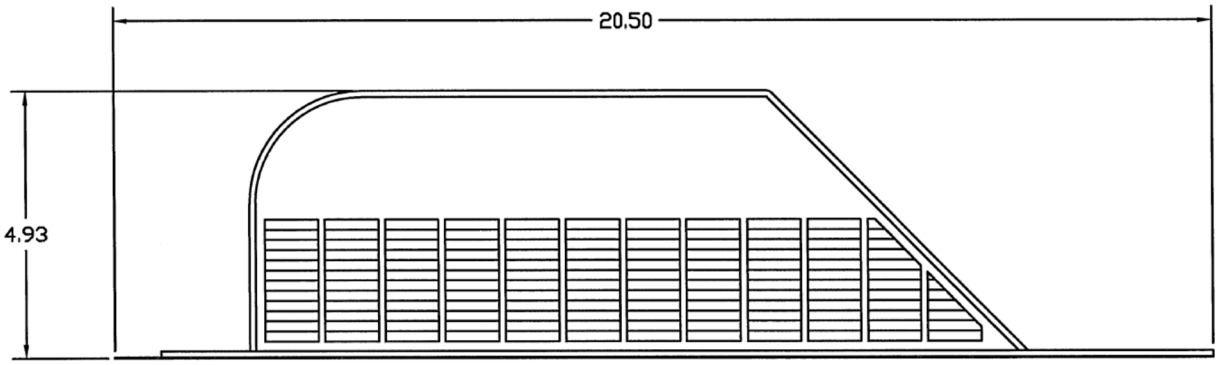
DETAIL DRAWINGS

GAF MASTER FLOW® ROOF LOUVER SSB960 METAL SLANT-BACK – ALUMINUM (SSB960A)

FRONT VIEW



SIDE VIEW



END OF THIS ACCEPTANCE