



BUILDING DROPS

A Perfect Solution in Every Drop!

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398 East Dania Beach Blvd.
Suite 338
Dania Beach, FL 33004
954.399.8478 PH
954.744.4738 FX
contact@buildingdrops.com

Product Evaluation Report

of

Ross Manufacturing, LLC

Ross 150 Roof Vent

Ross 65 Roof Vent

for

Florida Product Approval

FL# FL14580

Report No. 5794

6th Edition Florida Building Code

Method:	1 – D (Engineering Evaluation)
Category:	Roofing
Sub – Category:	Roofing Accessories that are an Integral Part of the Roofing System
Product:	<i>Ross 150 Roof Vent</i> <i>Ross 65 Roof Vent</i>
Material:	<i>Polypropylene</i>

Prepared for:

Ross Manufacturing, LLC

155 Spire Lane

New Braunfels, TX 78132

Prepared by:

Hermes F. Norero, P.E.

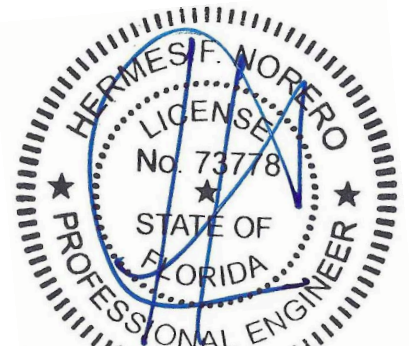
Florida Professional Engineer # 73778

Date: 6/20/2018

Contents:

Evaluation Report Pages 1 – 5

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2018.06.20 19:22:30 -04'00'



Hermes F. Norero, P.E.
Florida No. 73778



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Manufacturer: Ross Manufacturing, LLC

Product Category: Roofing

Product Sub-Category: Roofing Accessories that are an Integral Part of the Roofing System

Compliance Method: State Product Approval Method (1)(d)

Product Name: Ross 150 Roof Vent
Ross 65 Roof Vent

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Ross Manufacturing, LLC** based on Method 1d of the Florida Department of Business and Professional Regulation - Florida Building Commission.

Hermes F. Norero, P.E. does not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

This product has been evaluated for use in locations adhering to the 6th Edition (2017) Florida Building Code.

See applicable manufacturer's installation instructions for installation procedures.

Limits of Use:

1. This product has been evaluated and is in compliance with the 6th Edition Florida Building Code, including the "High Velocity Hurricane Zone" (HVHZ).
2. Refer to applicable Building Code required ventilation.
3. Ross 150 Roof Vent and Ross 65 Roof Vent are approved to be installed over asphalt shingles.
4. Ross 150 Roof Vent and Ross 65 Roof Vent approved to be installed on roofs with minimum pitch of 2:12.
5. Ross 150 Roof Vent and Ross 65 Roof Vent shall not be installed on roof mean heights greater than 33 feet.
6. The installation shall be applied in compliance with the manufacturer's current published application instructions and the requirements set forth in applicable building code.
7. Product anchors shall be as listed and spaced as shown on details. Anchor embedment into substrate material shall be beyond wall dressing or stucco.
8. Site conditions that deviate from the details of applicable installation instructions require further engineering analysis by a licensed engineer or registered architect.
9. Product design pressures shall be compared to "ASD" component and cladding wind loads as determined in accordance with Chapter 16.

Hermes F. Norero, P.E.

Florida No. 73778

Page 2 of 5



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Quality Assurance: The manufacturer has demonstrated compliance of products in accordance with the Florida Building Code for manufacturing under a quality assurance program audited by an approved quality assurance entity through **National Accreditation and Management Institute** (FBC Organization #: QUA1789).

Performance Standards: The product described herein has been evaluated and tested per:

- TAS 100(A)-95
- ASTM E330-02
- ASTM D635
- ASTM D638
- ASTM D1929
- ASTM D2843
- ASTM G155

Referenced Sections: The product described herein has been evaluated for compliance with the 6th Edition Florida Building Code per the following code sections:

- 1523.6.5.2.13
- 1609.1

Referenced Data:

1. Product Testing performed by **Fenestration Testing Laboratory**
(FBC Organization #: TST1657)
Report #: 6820, Report Date: 09/23/13
Signed & sealed by Marlin D. Brinson, PE 60749
2. Product Testing performed by **PRI Construction Materials Technologies**
(FBC Organization #: TST5878)
Report #: RSMF-003-02-01, Report Date: 03/21/11
Signed & sealed by Duc T. Nguyen, PE 65034
3. Product Testing performed by **Construction Consulting Laboratory, International**
(FBC Organization #: TST1685)
Report #: CCLI-09-270, Report Date: 01/04/10
Report #: CCLI-09-271, Report Date: 01/04/10
4. Product Testing performed by **Hurricane Engineering and Testing**
(FBC Organization #: TST1691)
Report #: HETI-12-F107, Report Date: 05/04/12
Report #: HETI-12-U113, Report Date: 11/12/12
Report #: HETI-12-U114, Report Date: 11/12/12
Report #: HETI-12-F107, Report Date: 05/04/12
Report #: HETI-12-A407, Report Date: 11/12/12
5. Quality Assurance
National Accreditation and Management Institute
(FBC Organization # QUA1789)

Hermes F. Norero, P.E.

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Page 3 of 5



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Installation:

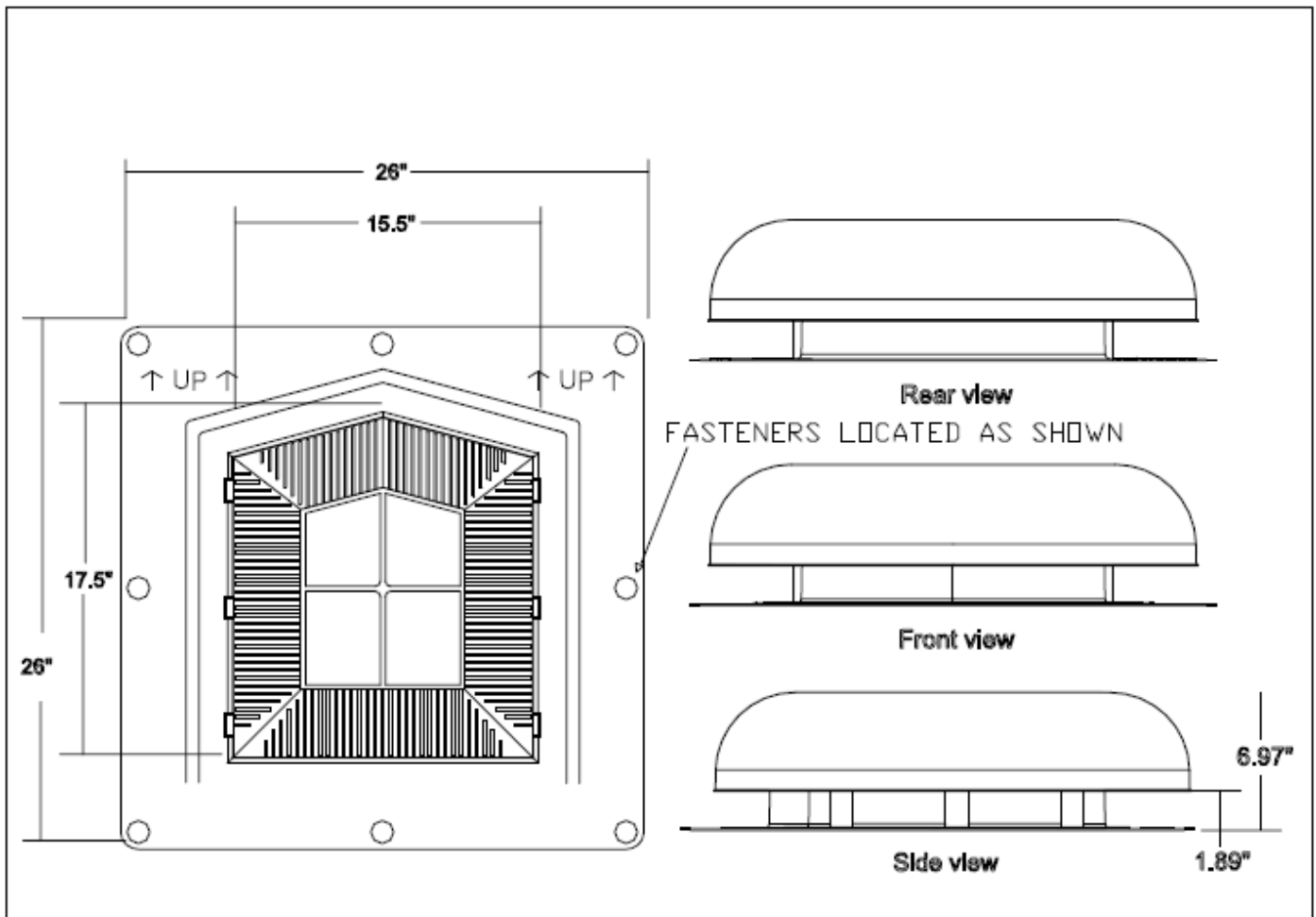
Refer to manufacturer's installation instructions for further installation requirements.

Design Pressure:

Ross 65 and Ross 150 Roof Vent
Design Pressure

+/-75 psf

Ross 150 Product Diagram:



Hermes F. Norero, P.E.

Florida No. 73778

Page 4 of 5



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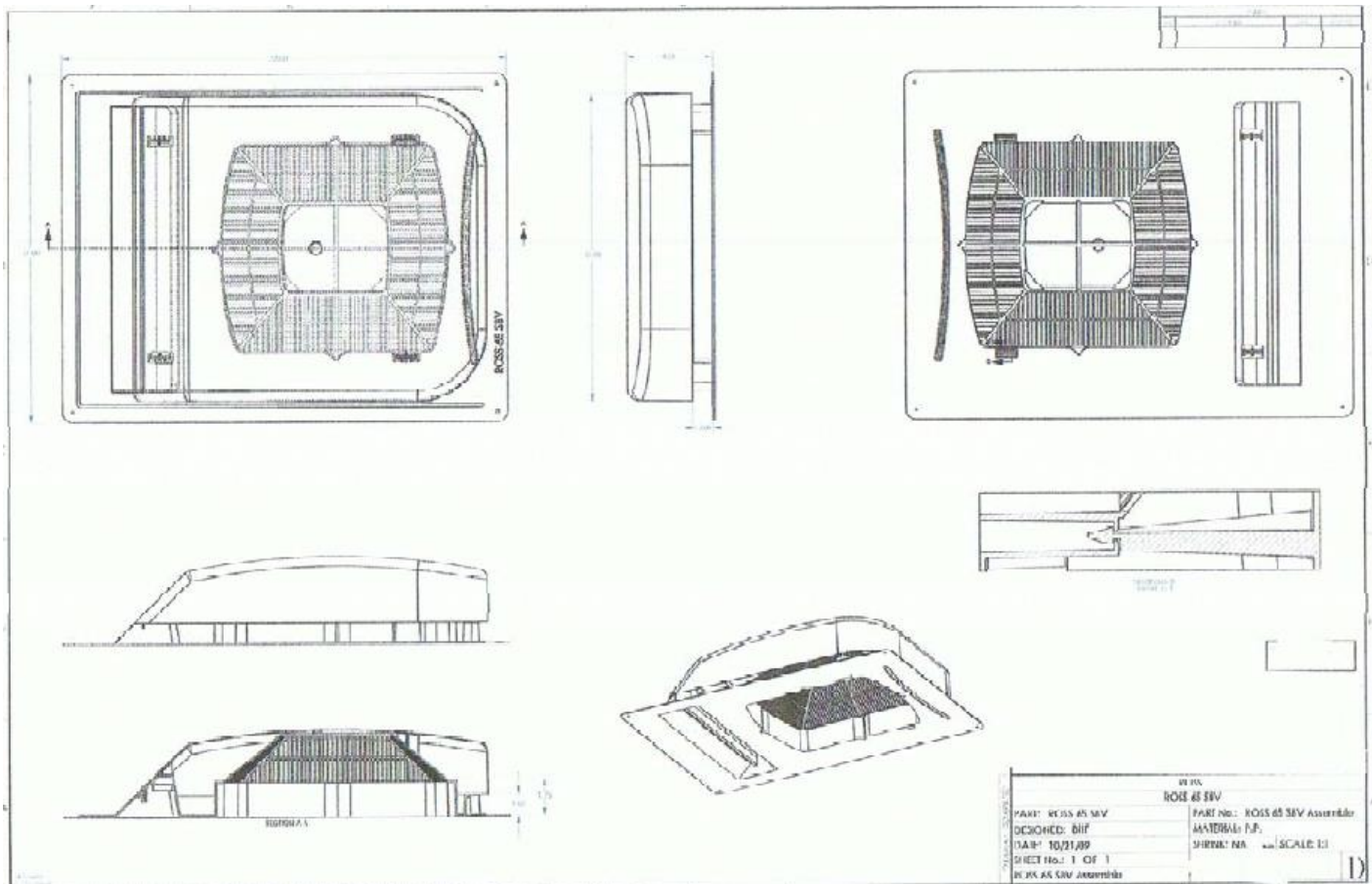
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Series 150 Product Diagram:



Hermes F. Norero, P.E.

Florida No. 73778

Page 5 of 5