

# ELEVATION CERTIFICATE

Important: Follow the instructions on pages 1-9.

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

| SECTION A - PROPERTY INFORMATION  |                 |                                   |  | FOR INSURANCE COMPANY USE |  |
|---|-----------------|-----------------------------------|--|---------------------------|--|
| A1. Building Owner's Name<br>TOM LEDMAN   |                 |                                   |  | Policy Number:            |  |
| A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>3621 BILTMORE DRIVE  |                 |                                   |  | Company NAIC Number:      |  |
| City<br>PANAMA CITY BEACH   |                 | State<br>Florida                  |  | ZIP Code<br>32408         |  |
| A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)<br>LOT 5 BLOCK "J" BILTMORE BEACH SECTION ONE, TAX ID NUMBER-31849-010-000   |                 |                                   |  |                           |  |
| A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>RESIDENTIAL</u>   |                 |                                   |  |                           |  |
| A5. Latitude/Longitude: Lat. <u>30°08'50.9" N</u> Long. <u>85°45'11.3" W</u> Horizontal Datum: <input type="checkbox"/> NAD 1927 <input checked="" type="checkbox"/> NAD 1983   |                 |                                   |  |                           |  |
| A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.   |                 |                                   |  |                           |  |
| A7. Building Diagram Number <u>1B</u>   |                 |                                   |  |                           |  |
| A8. For a building with a crawlspace or enclosure(s):   |                 |                                   |  |                           |  |
| a) Square footage of crawlspace or enclosure(s) <u>0.00</u> sq ft   |                 |                                   |  |                           |  |
| b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <u>0</u>   |                 |                                   |  |                           |  |
| c) Total net area of flood openings in A8.b <u>0.00</u> sq in   |                 |                                   |  |                           |  |
| d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |                 |                                   |  |                           |  |
| A9. For a building with an attached garage:   |                 |                                   |  |                           |  |
| a) Square footage of attached garage <u>211.00</u> sq ft  |                 |                                   |  |                           |  |
| b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <u>2</u>  |                 |                                   |  |                           |  |
| c) Total net area of flood openings in A9.b <u>256.00</u> sq in   |                 |                                   |  |                           |  |
| d) Engineered flood openings? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   |                 |                                   |  |                           |  |
| SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION   |                 |                                   |  |                           |  |
| B1. NFIP Community Name & Community Number<br>BAY COUNTY 120004   |                 |                                   | B2. County Name<br>BAY                               |                           | B3. State<br>Florida   |
| B4. Map/Panel Number<br>12005C0319H   | B5. Suffix<br>H | B6. FIRM Index Date<br>06-02-2009 | B7. FIRM Panel Effective/ Revised Date<br>06-02-2009 | B8. Flood Zone(s)<br>AE   | B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth)<br>8.0 |
| B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9:<br><input type="checkbox"/> FIS Profile <input checked="" type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other/Source: _____ |                 |                                   |  |                           |  |
| B11. Indicate elevation datum used for BFE in Item B9: <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other/Source: _____  |                 |                                   |  |                           |  |
| B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Designation Date: _____ <input type="checkbox"/> CBRS <input type="checkbox"/> OPA         |                 |                                   |  |                           |  |

**ELEVATION CERTIFICATE**OMB No. 1660-0008  
Expiration Date: November 30, 2018

|  |                  |                   |                                  |
|--|------------------|-------------------|----------------------------------|
| <b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>                                    |                  |                   | <b>FOR INSURANCE COMPANY USE</b> |
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>3621 BILTMORE DRIVE |                  |                   | Policy Number:                   |
| City<br>PANAMA CITY BEACH  | State<br>Florida | ZIP Code<br>32408 | Company NAIC Number              |

**SECTION C – BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)**C1. Building elevations are based on: ☐ Construction Drawings\* ☐ Building Under Construction\* ☒ Finished Construction

\*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations – Zones A1–A30, AE, AH, A (with BFE), VE, V1–V30, V (with BFE), AR, AR/A, AR/AE, AR/A1–A30, AR/AH, AR/AO. Complete Items C2.a–h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.

Benchmark Utilized: PARK Vertical Datum: NAVD 88

Indicate elevation datum used for the elevations in items a) through h) below.

☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source: \_\_\_\_\_

Datum used for building elevations must be the same as that used for the BFE.

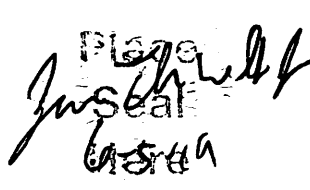

Check the measurement used.

|   |      |  |                                 |
|---|------|--|---------------------------------|
| a) Top of bottom floor (including basement, crawlspace, or enclosure floor)   | 9.00 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| b) Top of the next higher floor   | N/A  | <input type="checkbox"/> feet            | <input type="checkbox"/> meters |
| c) Bottom of the lowest horizontal structural member (V Zones only)   | N/A  | <input type="checkbox"/> feet            | <input type="checkbox"/> meters |
| d) Attached garage (top of slab)  | 6.50 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| e) Lowest elevation of machinery or equipment servicing the building<br>(Describe type of equipment and location in Comments) | 9.00 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| f) Lowest adjacent (finished) grade next to building (LAG)  | 6.40 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| g) Highest adjacent (finished) grade next to building (HAG)   | 7.00 | <input checked="" type="checkbox"/> feet | <input type="checkbox"/> meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support                                  | N/A  | <input type="checkbox"/> feet            | <input type="checkbox"/> meters |

**SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION**

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No ☒ Check here if attachments.

|  |                    |                             |   |
|--|--------------------|-----------------------------|---|
| Certifier's Name<br>ZANNIE THOMAS WHITE, JR  |                    | License Number<br>6041      |  |
| Title<br>PRESIDENT   |                    |                             |   |
| Company Name<br>Z'S LAND SURVEYING & MAPPING, INC  |                    |                             |   |
| Address<br>PO BOX 396/ 2281 SEAY ROAD  |                    |                             |   |
| City<br>COTTONDALE   | State<br>Florida   | ZIP Code<br>32431           |   |
| Signature<br> | Date<br>06-05-2019 | Telephone<br>(850) 579-2315 | Ext.<br>N/A   |

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments (including type of equipment and location, per C2(e), if applicable)

A 5. LATITUDE AND LONGITUDE WERE DERIVED FROM THE BAY COUNTY PROPERTY APPRAISER WEBSITE  
A9 (b,c,d) A.8 (b,c,d) THERE ARE TWO SMARTVENT FLOOD VENTS 16" BY 8" ENGINEERED (MODEL NUMBER 1540-520)  
RATED AT 200 SQUARE FEET PER VENT FOR A TOTAL COVERAGE AREA OF 400 SQUARE FEET.  
C2 (e). AIR CONDITIONER SERVICING THE RESIDENCE.

# ELEVATION CERTIFICATE

OMB No. 1660-0008  
Expiration Date: November 30, 2018

|  |                  |                   |                                  |
|--|------------------|-------------------|----------------------------------|
| <b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>                                    |                  |                   | <b>FOR INSURANCE COMPANY USE</b> |
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>3621 BILTMORE DRIVE |                  |                   | Policy Number:                   |
| City<br>PANAMA CITY BEACH  | State<br>Florida | ZIP Code<br>32408 | Company NAIC Number              |

## SECTION G – COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8–G10. In Puerto Rico only, enter meters.

- G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)
- G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.
- G3. ☐ The following information (Items G4–G10) is provided for community floodplain management purposes.

|                                       |  |   |
|---------------------------------------|--|---|
| G4. Permit Number<br><b>RB18-0856</b> | G5. Date Permit Issued<br><b>7/25/2018</b> | G6. Date Certificate of Compliance/Occupancy Issued |
|---------------------------------------|--|---|

- G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement
- G8. Elevation of as-built lowest floor (including basement) of the building: \_\_\_\_\_ ☐ feet ☐ meters Datum \_\_\_\_\_
- G9. BFE or (in Zone AO) depth of flooding at the building site: \_\_\_\_\_ ☐ feet ☐ meters Datum \_\_\_\_\_
- G10. Community's design flood elevation: \_\_\_\_\_ ☐ feet ☐ meters Datum \_\_\_\_\_

|  |                        |
|--|------------------------|
| Local Official's Name<br><b>Wayne Porter</b> | Title                  |
| Community Name                               | Telephone              |
| Signature<br><b>[Signature]</b>              | Date<br><b>7/19/19</b> |

Comments (including type of equipment and location, per C2(e), if applicable)

**OK for CO.**  
**WP**

☐ Check here if attachments.

# ELEVATION CERTIFICATE

OMB No. 1660-0008  
Expiration Date: November 30, 2018

|  |                  |                   |                                  |
|--|------------------|-------------------|----------------------------------|
| <b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>                                    |                  |                   | <b>FOR INSURANCE COMPANY USE</b> |
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>3621 BILTMORE DRIVE |                  |                   | Policy Number:                   |
| City<br>PANAMA CITY BEACH  | State<br>Florida | ZIP Code<br>32408 | Company NAIC Number              |

## SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

- E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
- a) Top of bottom floor (including basement, crawlspace, or enclosure) is \_\_\_\_\_ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- b) Top of bottom floor (including basement, crawlspace, or enclosure) is \_\_\_\_\_ ☐ feet ☐ meters ☐ above or ☐ below the LAG.
- E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 1–2 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is \_\_\_\_\_ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E3. Attached garage (top of slab) is \_\_\_\_\_ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is \_\_\_\_\_ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

## SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner or Owner's Authorized Representative's Name

Address City State ZIP Code

Signature Date Telephone

Comments

☐ Check here if attachments.



# ELEVATION CERTIFICATE

## BUILDING PHOTOGRAPHS

See Instructions for Item A6.

OMB No. 1660-0008

Expiration Date: November 30, 2018

**IMPORTANT: In these spaces, copy the corresponding information from Section A.**

**FOR INSURANCE COMPANY USE**

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.  
3621 BILTMORE DRIVE

Policy Number:

City  
PANAMA CITY BEACH

State  
Florida

ZIP Code  
32408

Company NAIC Number

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below according to the instructions for Item A6. Identify all photographs with date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.



Photo One

Photo One Caption FRONT VIEW 5/30/2019

Clear Photo One

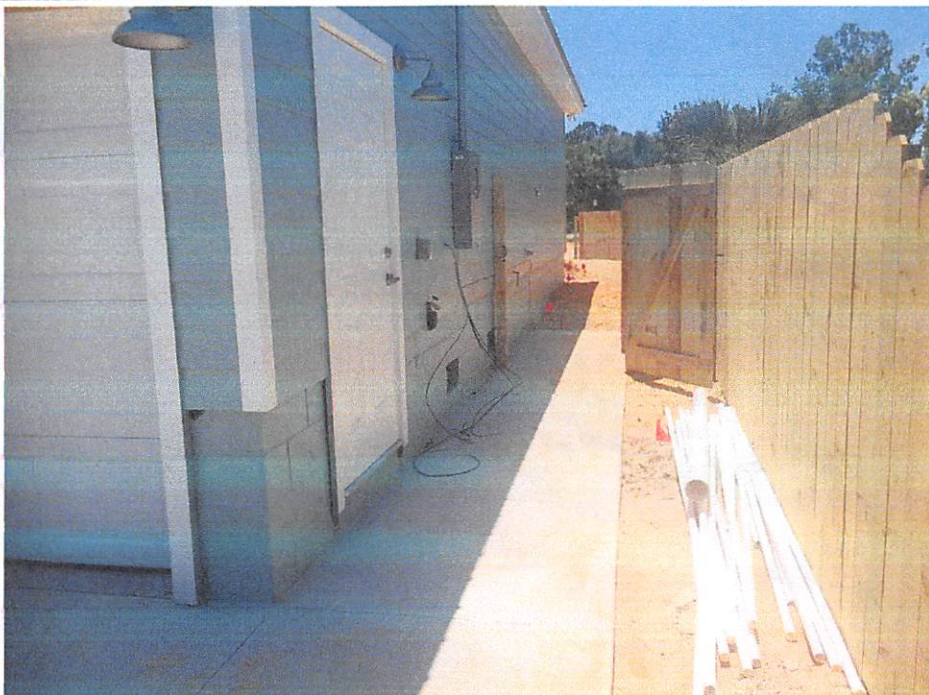


Photo Two

Photo Two Caption FRONT RIGHT VIEW 5/30/2019

Clear Photo Two



**ELEVATION CERTIFICATE****BUILDING PHOTOGRAPHS**

Continuation Page

OMB No. 1660-0008

Expiration Date: November 30, 2018

**IMPORTANT: In these spaces, copy the corresponding information from Section A.****FOR INSURANCE COMPANY USE**Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.  
3621 BILTMORE DRIVE

Policy Number:

City  
PANAMA CITY BEACHState  
FloridaZIP Code  
32408

Company NAIC Number

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.



Photo Three

Photo Three Caption REAR RIGHT VIEW WITH AIR CONDITIONER 5/30/2019

Clear Photo Three



Photo Four

Photo Four Caption REAR VIEW 5/30/2019

Clear Photo Four



# BUILDING DROPS

A Perfect Solution in Every Drop!

Certificate of Authorization: 29578

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

## Product Evaluation Report

*of*

### Smart Vent Products, Inc.

Insulated Flood Vent Model #1540-520

Insulated Stacked Flood Vent Model #1540-521

Dual Function Smart Vent Model #1540-510

Dual Function Stacked Smart Vent Model #1540-511

Insulated Wood Wall Flood Vent Model #1540-570

*for*

### Florida Product Approval

**FL# FL5822**

**Report No. 5022**

### Current Florida Building Code

|                     |   |
|---------------------|---|
| Method:             | 2 – B (Engineering Evaluation)                    |
| Category:           | Structural Components                             |
| Sub – Category:     | Products Introduced as a Result of New Technology |
| Other Sub-Category: | Ventilation                                       |
| Product:            | Automatic Foundation Flood Vents (AFFV)           |
| Material:           | Stainless Steel                                   |
| Product Dimensions: | See Installation Instructions                     |

#### Prepared For:

Smart Vent Products, Inc.  
430 Andbro Drive, Unit 1  
Pitman, NJ 08071

#### Prepared by:

Hermes Norero, P.E.

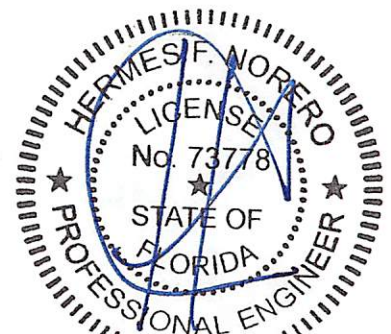
Florida Professional Engineer # 73778

Date: 06/15/2018

#### Contents:

Evaluation Report      Pages 1 – 3

Digitally signed by Hermes F. Norero, P.E.  
Reason: I am approving this document  
Date: 2018.06.20 07:22:36 -04'00'



Hermes Norero, P.E.  
Florida No. 73778





# BUILDING DROPS

A Perfect Solution in Every Drop!

Certificate of Authorization: 29578

FL#: **FL5822**

Date: 06/15/2018

Report No: 5022

---

**Manufacturer:** Smart Vent Products, Inc.

**Product Category:** Structural Components

**Product Sub-Category:** Other

**Other Sub-Category:** Ventilation

**Compliance Method:** State Product Approval Method (2)(b)

**Product Name:**  
Insulated Flood Vent Model #1540-520  
Insulated Stacked Flood Vent Model #1540-521  
Dual Function Smart Vent Model #1540-510  
Dual Function Stacked Smart Vent Model #1540-511  
Insulated Wood Wall Flood Vent Model #1540-570

**Scope:**

This is a Product Evaluation Report issued by Hermes Norero, P.E. (FL # 73778) for **Smart Vent Products, Inc.** based on Rule Method 2b of the State of Florida Product Approval, Florida Department of Business and Professional Regulation - Florida Building Commission.

Hermes 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 Current Florida Building Code.

See Installation Instructions provided by Smart Vent Products, Inc., verified by Hermes Norero, P.E. (FL # 73778) for specific use parameters.

**Limits of Use:**

1. This product has been evaluated and is in compliance with the current Florida Building Code, including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment into substrate material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product complies with Section 1609.1.2 of the Florida Building Code and does not require an impact resistant covering.
4. Site conditions that deviate from the details of the drawings require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions for size and design pressure limitations.
6. Wall construction shall meet requirements of Section 1612 of the FBC as deemed technically relevant due to site conditions.

Hermes Norero, P.E.

Florida No. 73778

Page 2 of 3





# BUILDING DROPS

A Perfect Solution in Every Drop!

Certificate of Authorization: 29578

FL#: **FL5822**

Date: 06/15/2018

Report No: 5022

---

**Quality Assurance:**

The manufacturer has demonstrated compliance of ventilation products in accordance with the Florida Building Code for manufacturing under a quality assurance program audited by an approved quality assurance entity through **Architectural Testing, Inc.** (FBC Organization #: QUA 1844)

**Performance Standards:**

The product described herein has been evaluated and tested per:

- ASTM E 330-02
- ASCE 24-14
- TAS 202-94

**Code Compliance:**

The product described herein complies with the current FBC Section 1708.2 and the intent of the current Edition FBC Section 1612.5(1)(1.2).

**Referenced Data:**

1. Product Testing performed by Architectural Testing, Inc.  
(FBC Organization # TST1558)  
Report #: 01-42966.01, Report Date: 11/15/02  
Report #: 38957.102-122-44, Report Date: 11/16/05  
Report #: 60619.01-122-47, Report Date: 11/16/05  
Report #: 61877.01-122-44, Report Date: 01/06/06  
Report #: 94135.01-109-18, Report Date: 08/31/09  
Signed and Sealed by: Michael D. Stremmel, P.E. FL # 65868
2. Product Testing performed by Blackwater Testing, Inc.  
(FBC Organization # TST10394)  
Report #: BT-SVP-16-001, Report Date: 01/06/17  
Signed and Sealed by: Constantine Bortes, P.E. FL # 77915
3. Quality Assurance  
**Architectural Testing, Inc.**  
(FBC Organization #: QUA 1844)
4. ICC Evaluation Service  
ESR-2074: Meets requirements of AC308  
Reissued February 2017  
Revised November 2017

**Installation:** Refer to Installation Instructions by Manufacturer for installation requirements.

**Design Pressure:**

Design Pressures

+100/-100 PSF

Hermes Norero, P.E.

Florida No. 73778

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