# U.S. DEPARTMENT OF HOMELAND SECURITY Federal Emergency Management Agency National Flood Insurance Program

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

# ELEVATION CERTIFICATE Important: Follow the instructions on pages (129).

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  | Policy Number:                    |   |  |  |
| John and Carman Pagnoni  |                                   |   |  |  |
| A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg.<br>Box No.  | No.) or P.O. Route and            | Company NAIC Number:                                      |  |  |
| 8623 Second Avenue   |                                   |   |  |  |
| City   | ate                               | ZIP Code  |  |  |
|  | ew Jersey                         | 08247   |  |  |
| A3. Property Description (Lot and Block Numbers, Tax Parcel Numb<br>Block 86.03, Lots 73 and 74                              | er, Legal Description, etc.)      |   |  |  |
| A4. Building Use (e.g., Residential, Non-Residential, Addition, Acces  | ssory, etc.) Residential          |   |  |  |
| A5. Latitude/Longitude: Lat. N39°03'34.72" Long. W74°45  | 13.57" Horizontal Datum           | n: ☐ NAD 1927 🗵 NAD 1983                                  |  |  |
| A6. Attach at least 2 photographs of the building if the Certificate is  | peing used to obtain flood insura | ance.   |  |  |
| A7. Building Diagram Number 8  |                                   |   |  |  |
| A8. For a building with a crawlspace or enclosure(s):  |                                   |   |  |  |
| a) Square footage of crawlspace or enclosure(s)  | 1375.00 sq ft                     |   |  |  |
| b) Number of permanent flood openings in the crawlspace or en  | closure(s) within 1.0 foot above  | adjacent grade 7  |  |  |
| c) Total net area of flood openings in A8.b 1400.00  |                                   |   |  |  |
| d) Engineered flood openings? 🗵 Yes 🗌 No   | - '                               |   |  |  |
|  |                                   |   |  |  |
| A9. For a building with an attached garage:  |                                   |   |  |  |
| a) Square footage of attached garageN/   | A sq ft                           |   |  |  |
| b) Number of permanent flood openings in the attached garage   | within 1.0 foot above adjacent g  | rade N/A  |  |  |
| c) Total net area of flood openings in A9.b  | <u>I/A</u> sq in                  |   |  |  |
| d) Engineered flood openings? ☐ Yes ☒ No   |                                   |   |  |  |
|  |                                   |   |  |  |
| SECTION B - FLOOD INSURANCE  | <u>i i</u>                        | <del></del>   |  |  |
|  | County Name                       | B3. State New Jersey                                      |  |  |
| Borough of Stone Harbor 345323 Cape  | May                               | INEW Jersey   |  |  |
| B4. Map/Panel B5. Suffix B6. FIRM Index Date B7. FIRM Par Effective/Revised D  | Zone(s)                           | Base Flood Elevation(s)<br>Zone AO, use Base Flood Depth) |  |  |
| 34009C0242 F 10-05-2017 10-05-2017   | AE 8.0                            |   |  |  |
| B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9:                      |                                   |   |  |  |
| FIS Profile X FIRM Community Determined Other/Source:  |                                   |   |  |  |
| B11. Indicate elevation datum used for BFE in Item B9: NGVD 1929 X NAVD 1988 Other/Source:                                   |                                   |   |  |  |
| B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? 🔲 Yes 🗵 No |                                   |   |  |  |
| Designation Date:   CBRS   O   | PA                                |   |  |  |
|  |                                   |   |  |  |
|  |                                   |   |  |  |

# **ELEVATION CERTIFICATE**

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| IMPORTANT: In these spaces, copy the corresponding  | information from Sec   | tion A.   | FOR INSURANCE COMPANY USE  |
|---|--|---|--|
| Building Street Address (including Apt., Unit, Suite, and/or 8623 Second Avenue   | Bldg. No.) or P.O. Rou   | te and Box No.  | Policy Number:   |
| City Stat   | e ZIP  | Code  | Company NAIC Number  |
|   | Jersey 0824  |   |  |
| SECTION C – BUILDING ELI  | EVATION INFORMAT   | TON (SURVEY RE  | EQUIRED)   |
| C1. Building elevations are based on:   Constructio   | n Drawings* 🔲 Build  | ding Under Constru  | ction* X Finished Construction   |
| *A new Elevation Certificate will be required when co   | nstruction of the building   | ng is complete.   |  |
| C2. Elevations – Zones A1–A30, AE, AH, A (with BFE), Complete Items C2.a–h below according to the build   | ing diagram specified i  | n Item A7. In Puert   | o Rico only, enter meters.   |
| Benchmark Utilized: NGS Disk SH 42 #DP1519  |  | EI 4.73 NAVD 1988   | 3  |
| Indicate elevation datum used for the elevations in it  | , , ,  | <b>N.</b>   |  |
| ☐ NGVD 1929 ☑ NAVD 1988 ☐ Other/S Datum used for building elevations must be the same   | -  | EE  |  |
| Datam used for building elevations must be the same   | as that used for the D   | rc.   | Check the measurement used.  |
| a) Top of bottom floor (including basement, crawlsp:  | ace, or enclosure floor)   |   | 6.25 X feet  meters  |
| b) Top of the next higher floor   |  |   | 11.22 X feet  meters   |
| c) Bottom of the lowest horizontal structural membe   | r (V Zones only)   |   | N/A  |
| d) Attached garage (top of slab)  | ,  | INTERNAL PROPERTY.  | N/A X feet  meters   |
| e) Lowest elevation of machinery or equipment serv     (Describe type of equipment and location in Com  | icing the building   |   | 10.14 ⊠ feet ☐ meters  |
| f) Lowest adjacent (finished) grade next to building  |  |   | 5.20 X feet meters   |
| g) Highest adjacent (finished) grade next to building   |  |   | 5.70 X feet meters   |
| h) Lowest adjacent grade at lowest elevation of deci  |  | PARAMETER AND ALAR COMMUNICATION CONTROL OF | 5.54 🖂 feet 🦳 meters   |
| structural support  |  |   |  |
| SECTION D – SURVEYOR,   |  |   |  |
| This certification is to be signed and sealed by a land sur<br>I certify that the information on this Certificate represents<br>statement may be punishable by fine or imprisonment und | veyor, engineer, or arch<br>my best efforts to inter<br>der 18 U.S. Code, Sect | nitect authorized by<br>pret the data availa<br>iion 1001.  | law to certify elevation information. ble. I understand that any false |
| Were latitude and longitude in Section A provided by a lic  |  | ⊠Yes □ No   |  |
| Certifier's Name  | License Number<br>NJ Lic. No. 38250  |   |  |
| Scott D. Brown  | NJ LIC. NO. 36250  |   |  |
| Title<br>Professional Engineer & Land Surveyor  |  |   | Place  |
| Company Name<br>Dante Guzzi Engineering Associates, LLC   |  |   | Seal   |
| Address<br>418 Stokes Road  |  |   | Here   |
| City  | State  | ZIP Code  | _  |
| Medford   | New Jersey   | 08055   |  |
| Signature   | Date<br>08-29-2018   | Telephone<br>(609) 654-4440   | Ext.   |
| Copy all pages of this Elevation Certificate and all attachmen  |  | ficial (2) incurance  | agent/company, and (3) building owner.                                 |
|   | nts for (1) community of   | ilciai, (2) ilisulance  | -go (o)  |
| Comments (including type of equipment and location, per   | C2(e), if applicable)  |   |  |
| There are 7 installed Smartvents Model 1540-510 at 200  | C2(e), if applicable)  |   |  |
|   | C2(e), if applicable)  |   |  |
| There are 7 installed Smartvents Model 1540-510 at 200  | C2(e), if applicable)  |   |  |

## **ELEVATION CERTIFICATE**

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|  |   | FOR INSURANCE COMPANY USE                     |  |
|--|---|---|--|
| Building Street Address (including Apt., Unit, Suite, and 8623 Second Avenue   | /or Bldg. No.) or P.O. Ro                             | ute and Box No.                               | Policy Number:   |
| -  | State ZIP<br>New Jersey 082                           | Code<br>247                                   | Company NAIC Number  |
| SECTION E - BUILDING ELI<br>FOR ZONE   | EVATION INFORMATION AND ZONE A (WI                    | ON (SURVEY NOT<br>THOUT BFE)                  | REQUIRED)  |
| 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).  |   |   |  |
| <ul> <li>a) Top of bottom floor (including basement,<br/>crawlspace, or enclosure) is</li> </ul>   |   | ☐ feet ☐ meter                                | rs 🔲 above or 🔲 below the HAG.                                       |
| <ul> <li>Top of bottom floor (including basement, crawlspace, or enclosure) is</li> </ul>  |   | feet meter                                    | rs above or below the LAG.   |
| E2. For Building Diagrams 6–9 with permanent flood of the next higher floor (elevation C2.b in   | penings provided in Secti                             |   |  |
| the diagrams) of the building is   |   | feet mete                                     | rs above or below the HAG.   |
| E3. Attached garage (top of slab) is   |   | feet mete                                     | rs above or below the HAG.   |
| E4. Top of platform of machinery and/or equipment<br>servicing the building is   |   | ☐ feet ☐ mete                                 | <del>_</del> _   |
| E5. Zone AO only: If no flood depth number is available floodplain management ordinance?   | e, is the top of the bottom<br>No  Unknown. Th        | floor elevated in ac<br>e local official must | cordance with the community's certify this information in Section G. |
| SECTION F - PROPERTY OWN   | IER (OR OWNER'S REP                                   | RESENTATIVE) CI                               | ERTIFICATION   |
| The property owner or owner's authorized representative community-issued BFE) or Zone AO must sign here. The   | re who completes Section<br>ne statements in Sections | ns A, B, and E for Zo<br>A, B, and E are co   | one A (without a FEMA-issued or rect to the best of my knowledge.    |
| Property Owner or Owner's Authorized Representative  | s Name  |   |  |
| Address  | City  | Si  | ate ZIP Code   |
| Signature  | Date  | Te  | elephone   |
| Comments   |   |   |  |
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|  |   |   | Check here if attachments.   |

# **ELEVATION CERTIFICATE**

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, S<br>8623 Second Avenue   | uite, and/or Bldg. No.) or P.O.   | Route and Box No.                                  | Policy Number:  |  |
| City<br>Stone Harbor   |   | ZIP Code<br>08247                                  | Company NAIC Number   |  |
| SECTION  | ON G - COMMUNITY INFORM   | IATION (OPTIONAL)                                  |   |  |
| The local official who is authorized by law or or Sections A, B, C (or E), and G of this Elevation used in Items G8–G10. In Puerto Rico only, er | n Certificate. Complete the app   | munity's floodplain ma<br>licable item(s) and sigi | nagement ordinance can complete<br>n below. Check the measurement |  |
| G1. The information in Section C was takengineer, or architect who is authorized the Comments area below.)                                       | zed by law to certify elevation in  | nformation. (Indicate th                           | e source and date of the elevation                                |  |
| G2. A community official completed Sect or Zone AO.  | ion E for a building located in 2   | Ione A (without a FEM                              | A-issued or community-issued BFE)                                 |  |
| G3. The following information (Items G4-   | -G10) is provided for communi   |  |   |  |
| G4. Permit Number  | G5. Date Permit Issued  |  | Date Certificate of<br>Compliance/Occupancy Issued                |  |
| 17.12652   | 12/5/17   |  | 9/6/18  |  |
| G7. This permit has been issued for:   | New Construction  Subst   | antial Improvement                                 |   |  |
| G8. Elevation of as-built lowest floor (including of the building:   | g basement)(1. 23   | <b>≥</b>   | meters Datum NAVD 1988  |  |
| G9. BFE or (in Zone AO) depth of flooding at   | the building site:  | e 📈 feet   | meters Datum NAVD 1988  |  |
| G10. Community's design flood elevation:   | 10-0  | <b>⊃</b>   | meters Datum Nato 1988  |  |
| Local Official's Name  MICHAEL KOCHEN  | Title C   | ONETEUCI   | ON OFFICIAL   |  |
| Community Name   | Telep   | hone   | 68.6614   |  |
| Signature Date   |   |  |   |  |
|  | cation per C2(a) if applicable  | 9/6/18   |   |  |
| Comments (including type or equipment and to   | Comments (including type of equipment and location, per C2(e), if applicable) |  |   |  |
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|  |   |  | Check here if attachments.  |  |

### **BUILDING PHOTOGRAPHS**

### **ELEVATION CERTIFICATE**

See Instructions for Item A6.

OMB No. 1660-0008

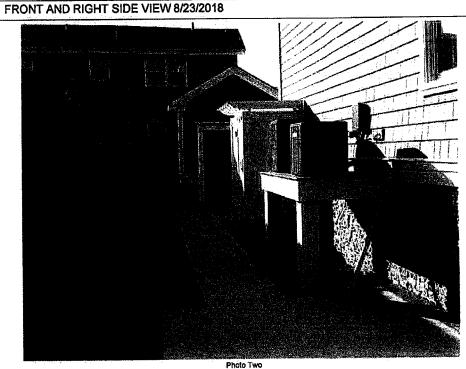
Expiration Date: November 30, 2018

| IMPORTANT: In these spaces, copy the corresponding information from Section A.                                       |            | FOR INSURANCE COMPANY USE Policy Number: |                     |
|--|------------|--|---------------------|
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 8623 Second Avenue |            |  |                     |
| City   | State      | ZIP Code                                 | Company NAIC Number |
| Stone Harbor   | New Jersey | 08247                                    |                     |

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.



Clear Photo One



HVAC UNITS 8/23/2018 Photo Two Caption

Clear Photo Two

Photo One Caption

### **BUILDING PHOTOGRAPHS**

**ELEVATION CERTIFICATE** 

Continuation Page

OMB No. 1660-0008

Expiration Date: November 30, 2018

| IMPORTANT: In these spaces, copy the corresponding information from Section A.  Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 8623 Second Avenue |            |       | FOR INSURANCE COMPANY USE Policy Number: |
|--|------------|-------|--|
|  |            |       |  |
| Stone Harbor   | New Jersey | 08247 |  |

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.

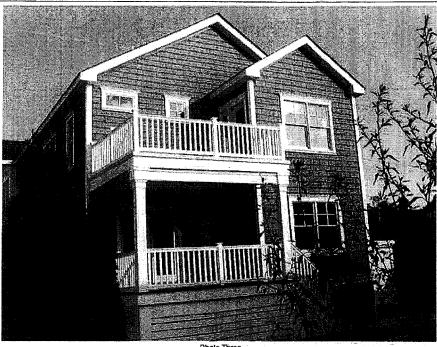
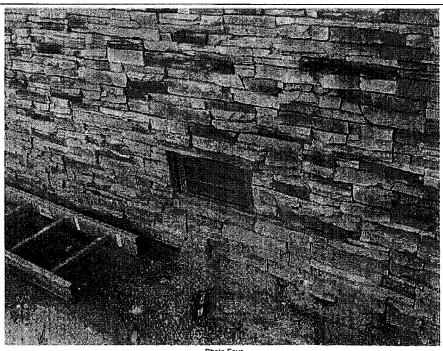


Photo Three

Photo Three Caption REAR VIEW 8/23/2018

Clear Photo Three



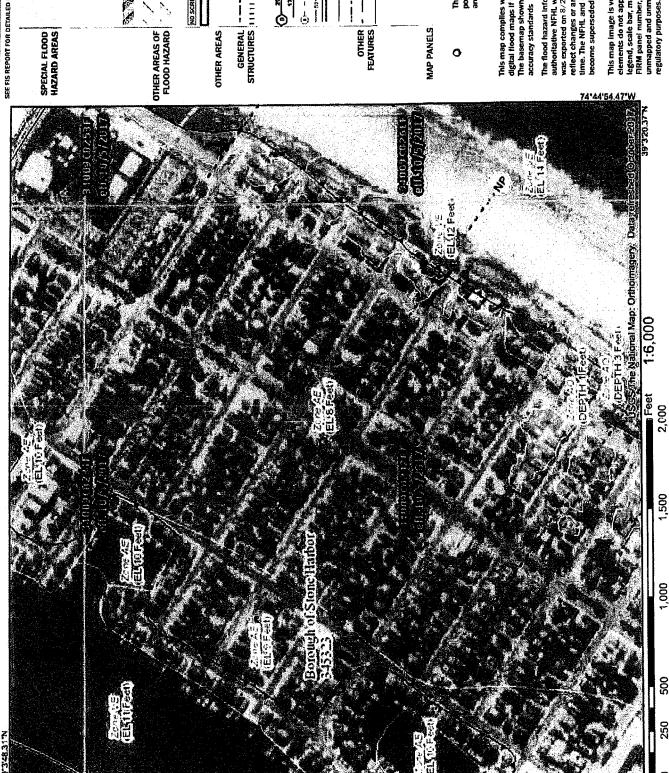
.....

Photo Four Caption TYPICAL SMARTVENT 8/23/2018

Clear Photo Four

# National Flood Hazard Layer FIRMette





# Legend

Area of Undetermined Flood Hazard Zone D 0.2% Annual Chance Flood Hazard, Areas areas of less than one square mile zons x depth less than one foot or with drainage of 1% annual chance flood with average Area with Flood Risk due to Levee Zone D (B) 20.3 Cross Sections with 1% Annual Chance Without Bese Flood Elevation (BFE) Zone A. V. A39 With BFE or Depth Zone AE, AO, AN, VE, AR SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Area with Reduced Flood Risk due to NO SCREEN Area of Minimal Flood Hazard Zone X Channel, Culvert, or Storm Sewer Base Flood Elevation Line (BFE) Future Conditions 11% Annual Chance Flood Hazard Zone x No Digital Data Avallable STRUCTURES 1111111 Levee, Dike, or Floodwall Levee. See Notes, Zono x Water Surface Elevation Coastal Transect Baselin Digital Data Available Jurisdiction Boundary Hydrographic Feature Regulatory Floodway Coastal Transect **Effective LOMRs** Profile Baseline Limit of Study Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map compiles with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown compiles with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This may was exported on 8/27/2018 at 1.1.35:44 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

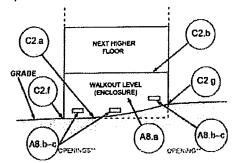
This map image is void if the one or more of the following may elements do not appear. basemap imager, ilood zone labels, legend, scale bar, map creation date, community identifiers. FIRM panel number, and FIRM effective date. Map images for immapped and unmodernized areas cannot be used for mentation number.

### **Building Diagrams**

### **DIAGRAM 7**

All buildings elevated on full-story foundation walls with a partially or fully enclosed area below the elevated floor. This includes walkout levels, where at least 1 side is at or above grade. The principal use of this building is located in the elevated floors of the building.

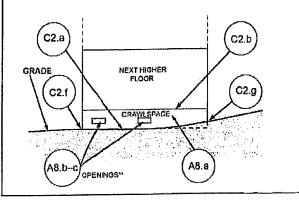
**Distinguishing Feature** – For all zones, the area below the elevated floor is enclosed, either partially or fully. In A Zones, the partially or fully enclosed area below the elevated floor is with or without openings\*\* present in the walls of the enclosure. Indicate Information about enclosure size and openings in Section A – Property Information.



### DIAGRAM 8

All buildings elevated on a crawlspace with the floor of the crawlspace at or above grade on at least 1 side, with or without an attached garage.

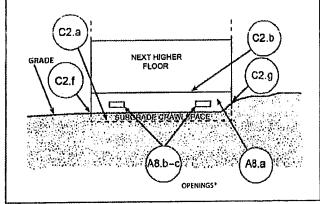
Distinguishing Feature – For all zones, the area below the first floor is enclosed by solid or partial perimeter walls. In all A zones, the crawispace is with or without openings\*\* present in the walls of the crawispace. Indicate information about crawispace size and openings in Section A – Property Information.



### **DIAGRAM 9**

All buildings (other than split-level) elevated on a subgrade crawlspace, with or without attached garage.

Distinguishing Feature – The bottom (crawlspace) floor is below ground level (grade) on all sides.\* (If the distance from the crawlspace floor to the top of the next higher floor is more than 5 feet, or the crawlspace floor is more than 2 feet below the grade [LAG] on all sides, use Diagram 2A or 2B.)



- A floor that is below ground level (grade) on all sides is considered a basement even if the floor is used for living purposes, or as an office, garage, workshop, etc.
- An "opening" is a permanent opening that allows for the free passage of water automatically in both directions without human intervention. Under the NFIP, a minimum of 2 openings is required for enclosures or crawlspaces. The openings shall provide a total net area of not less than 1 square Inch for every square foot of area enclosed, excluding any bars, louvers, or other covers of the opening. Alternatively, an Individual Engineered Flood Openings Certification or an Evaluation Report issued by the International Code Council Evaluation Service (ICC ES) must be submitted to document that the design of the openings will allow for the automatic equalization of hydrostatic flood forces on exterior walls. A window, a door, or a garage door is not considered an opening; openings may be installed in doors. Openings shall be on at least 2 sides of the enclosed area. If a building has more than 1 enclosed area, each area must have openings to allow floodwater to directly enter. The bottom of the openings must be no higher than 1.0 foot above the higher of the exterior or interior grade or floor Immediately below the opening. For more guldance on openings, see NFIP Technical Bulletin 1.



# **ICC-ES Evaluation Report**

### **ESR-2074**

Reissued February 2017

This report is subject to renewal February 2019.

www.icc-es.org | (800) 423-6587 | (562) 699-0543

A Subsidiary of the International Code Council®

DIVISION: 08 00 00—OPENINGS Section: 08 95 43—Vents/Foundation Flood Vents

### REPORT HOLDER:

SMARTVENT PRODUCTS, INC. 430 ANDBRO DRIVE, UNIT 1 PITMAN, NEW JERSEY 08071 (877) 441-8368 www.smartvent.com Info@smartvent.com

### **EVALUATION SUBJECT:**

SMART VENT® AUTOMATIC FOUNDATION FLOOD VENTS: MODELS #1540-520; #1540-521; #1540-510; #1540-511; #1540-570; #1640-574; #1640-524; #1640-514

### 1.0 EVALUATION SCOPE

### Compliance with the following codes:

- 2015, 2012, 2009 and 2006 International Building Code® (IBC)
- te 2015, 2012, 2009 and 2006 International Residential Code® (IRC)
- 2013 Abu Dhabi International Building Code (ADIBC)

<sup>1</sup>The ADIBC is based on the 2009 IBC. 2009 IBC code sections referenced in this report are the same sections in the ADIBC.

### Properties evaluated:

- Physical operation
- Water flow

### 2.0 USES

The Smart Vent<sup>®</sup> units are engineered mechanically operated flood vents (FVs) employed to equalize hydrostatic pressure on walls of enclosures subject to rising or falling flood waters. Certain models also allow natural ventilation.

### 3.0 DESCRIPTION

### 3.1 General:

When subjected to rising water, the Smart Vent® FVs internal floats are activated, then pivot open to allow flow in either direction to equalize water level and hydrostatic pressure from one side of the foundation to the other. The FV pivoting door is normally held in the closed position by a buoyant release device. When subjected to rising water, the buoyant release device causes the unit to unlatch, allowing the door to rotate out of the way and allow flow.

The water level stabilizes, equalizing the lateral forces. Each unit is fabricated from stainless steel. Smart Vent® Automatic Foundation Flood Vents are available in various models and sizes as described in Table 1. The SmartVENT® Stacking Model #1540-511 and FloodVENT® Stacking Model #1540-521 units each contain two vertically arranged openings per unit.

### 3.2 Engineered Opening:

The FVs comply with the design principle noted in Section 2.7.2.2 and Section 2.7.3 of ASCE/SEI 24-14 [Section 2.6.2.2 of ASCE/SEI 24-05 (2012, 2009, 2006 IBC and IRC)] for a maximum rate of rise and fall of 5.0 feet per hour (0.423 mm/s). In order to comply with the engineered opening requirement of ASCE/SEI 24, Smart Vent FVs must be installed in accordance with Section 4.0.

### 3.3 Ventilation:

The SmartVENT® Model #1540-510 and SmartVENT® Overhead Door Model #1540-514 both have screen covers with ¹/₄-inch-by-¹/₄-inch (6.35 by 6.35 mm) openings, yielding 51 square inches (32 903 mm²) of net free area to supply natural ventilation. The SmartVENT® Stacking Model #1540-511 consists of two Model #1540-510 units in one assembly, and provides 102 square inches (65 806 mm²) of net free area to supply natural ventilation. Other FVs recognized in this report do not offer natural ventilation.

### 4.0 DESIGN AND INSTALLATION

SmartVENT® and FloodVENT® are designed to be installed into walls or overhead doors of existing or new construction from the exterior side. Installation of the vents must be in accordance with the manufacturer's instructions, the applicable code and this report. Installation clips allow mounting in masonry and concrete walls of any thickness. In order to comply with the engineered opening design principle noted in Section 2.7.2.2 and 2.7.3 of ASCE/SEI 24-14 [Section 2.6.2.2 of ASCE/SEI 24-05 (2012, 2009, 2006 IBC and IRC)], the Smart Vent® FVs must be installed as follows:

- With a minimum of two openings on different sides of each enclosed area.
- With a minimum of one FV for every 200 square feet (18.6 m²) of enclosed area, except that the SmartVENT® Stacking Model #1540-511 and FloodVENT® Stacking Model #1540-521 must be installed with a minimum of one FV for every 400 square feet (37.2 m²) of enclosed area.
- 聞 Below the base flood elevation.



with the bottom of the FV located a maximum of 12 inches (305.4 mm) above the higher of the final grade or floor and finished exterior grade immediately under each opening.

### **5.0 CONDITIONS OF USE**

The Smart Vent<sup>®</sup> FVs described in this report comply with, or are suitable alternatives to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

- 5.1 The Smart Vent® FVs must be installed in accordance with this report, the applicable code and the manufacturer's installation instructions. In the event of a conflict, the instructions in this report govern.
- 5.2 The Smart Vent® FVs must not be used in the place of "breakaway walls" in coastal high hazard areas, but

are permitted for use in conjunction with breakaway walls in other areas.

### 6.0 EVIDENCE SUBMITTED

Data in accordance with the ICC-ES Acceptance Criteria for Mechanically Operated Flood Vents (AC364), dated August 2015.

### 7.0 IDENTIFICATION

The Smart VENT® models recognized in this report must be identified by a label bearing the manufacturer's name (Smartvent Products, Inc.), the model number, and the evaluation report number (ESR-2074).

TABLE 1-MODEL SIZES

| MODEL NAME                         | MODEL NUMBER | MODEL SIZE (in.)   | COVERAGE (sq. ft.) |
|------------------------------------|--------------|--|--------------------|
| FloodVENT                          | 1540-520     | 15 <sup>3</sup> / <sub>4</sub> " X 7 <sup>3</sup> / <sub>4</sub> " | 200                |
| SmartVENT®                         | 1540-510     | 15 <sup>3</sup> / <sub>3</sub> " X 7 <sup>3</sup> / <sub>4</sub> " | 200                |
| FloodVENT® Overhead Door           | 1540-524     | 15 <sup>3</sup> / <sub>4</sub> " X 7 <sup>3</sup> / <sub>4</sub> " | 200                |
| SmartVENT® Overhead Door           | 1540-514     | 15 <sup>3</sup> / <sub>4</sub> " X 7 <sup>3</sup> / <sub>4</sub> " | 200                |
| Wood Wall FloodVENT®               | 1540-570     | 14" X 8 <sup>3</sup> / <sub>4</sub> "                              | 200                |
| Wood Wall FloodVENT® Overhead Door | 1540-574     | 14" X 8 <sup>3</sup> / <sub>4</sub> "                              | 200                |
| SmartVENT® Stacker                 | 1540-511     | 16" X 16"  | 400                |
| FloodVent <sup>®</sup> Stacker     | 1540-521     | 16" X 16"  | 400                |

For SI: 1 inch = 25.4 mm; 1 square foot =  $m^2$ 

