OMB No. 1660-0008 Expiration Date: Nevember 3

☐ Check here if attachments.		
(90)		
	n, per C2(e), if applicable)	Comments (including type of equipment and location, per C2(e), if applicable)
	Date	Signature
	Telephone	Community Name
	ina	C TOURS OF THE COLUMN TO THE C
	TED	ocal Official's Name
meters Datum	feet	G10. Community's design flood elevation:
meters Datum	uilding site:	G9. BFE or (in Zone AO) depth of flooding at the building site:
meters Datum	sement)	G8. Elevation of as-built lowest floor (including basement) of the building:
	New Construction  Substantial Improvement	G7. This permit has been issued for:
Date Certificate of Compliance/Occupancy Issued	Date Permit Issued G6.	(8-120828 B1
ent purposes.	The following information (Items G4–G10) is provided for community floodplain management purposes	G3. The following information (Items G4-G10
A-issued or community-issued BFE)	A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.	G2. A community official completed Section I or Zone AO.
nd sealed by a licensed surveyor, the source and date of the elevation	The information in Section C was taken from other documentation that has been signed and <b>sealed</b> 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.)	G1.   The information in Section C was taken for engineer, or architect who is authorized to data in the Comments area below.)
nagement ordinance can complete below. Check the measurement	nce to administer the community's floodplain may tificate. Complete the applicable item(s) and sign neters.	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.
	- COMMUNITY INFORMATION (OPTIONAL)	SECTION G
Company NAIC Number	State ZIP Code Florida 34242	City SIESTA KEY
Policy Number:	and/or Bidg. No.) or P.O. Route and Box No.	Building Street Address (including Apt., Unit, Suite, and/or Bidg. No.) or P.O. Route and Box No. 4866 COMMONWEALTH DRIVE
	ending information from Section A.	IMPORTANT: in these spaces, copy the corresponding information from Section A.
Expiration pate: November 30, 2018		

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

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

# ELEVATION CERTIFICATE Important: Follow the instructions on pages 1-9.

			☐ CBRS ☐ OPA	00	Date:	Designation Date	
1 Area (OPA)? ☐ Yes ☒ No	Otherwise Protected	(S) area or	roes System (CBF	Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? [] Yes	located in a	B12. Is the building	
Source:	1988  Other/Source	X NAVD 1988	☐ NGVD 1929	Indicate elevation datum used for BFE in Item B9:  NGVD 1929	ation datum u	B11. Indicate eleva	
	h entered in Item B9	flood depti	BFE) data or base flood ined Other/Source:	Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9	ource of the	B10. Indicate the source of the ☐ FIS Profile ☑ FIRM	
	Q	AE	11-04-2016	11-04-2016	TI	12115C-0141	7
B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth)	::: I	B8. Flood Zone(s)	B7. FIRM Panel Effective/	B6. FIRM Index Date	B5. Suffix	B4. Map/Panel Number	
B3. State Florida		TA Name	82. County Name SARASOTA	ommunity Number	TY - 125144	SARASOTA COUNTY - 125144	1
)N	RM) INFORMATIO	E MAP (F	SURANCE RAT	SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION	S	R1 NEID Commit	
				gs? ☐ Yes ☒ No	flood openin	d) Engineered flood openings?	
		sq in	0	Total net area of flood openings in A9.b	ea of flood o	c) Total net ar	
0	above adjacent grad	in 1.0 foot a	iched garage with	b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade	permanent flu	b) Number of	
# 12 12 12 12 12 12 12 12 12 12 12 12 12		sq ft	0 8	red garage	lage of attach	a) Square footage of attached garage	
				ned garage:	with an attack	A9. For a building with an attached garage	
			0	19s? X Yes No	Engineered flood openings?	d) Engineere	
		sq in	384 \$	Total net area of flood openings in A8.b	rea of flood o	c) Total net a	
acent grade 3	in 1.0 foot above adj	sure(s) with	wispace or enclos	b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade	permanent fl	b) Number of	
	sq ft	576		Square footage of crawlspace or enclosure(s)	stage of craw	a) Square for	
				For a building with a crawlspace or enclosure(s):	with a crawle	A8. For a building	
				7	am Number	A7. Building Diagram Number	
	btain flood insurance	ig used to c	Certificate is bein	Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance	t 2 photograp	A6. Attach at leas	
NAD 1927 X NAD 1983	Horizontal Datum: NAD 1927	==	Long82.55501°	Lat 27.28208°	itude: Lat 2	A5. Latitude/Longitude:	
	RESIDENTIAL		Addition, Accesso	Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.)	(e.g., Reside	A4. Building Use	
	oription, etc.)	Legal Desc	Tax Parcel Number, Legal Description, etc.) 1020043	A3. Property Description (Lot and Block Numbers, Tax Par LOT 2, BLOCK 22, SIESTA BEACH, TAX ID #0081020043	cription (Lot a	LOT 2, BLOCK 22	
34242		a	Florida				
ZIP Code	ZI		State		4	City	
Company NAIC Number:		111		Æ	EALTH DRIV	4866 COMMONWEALTH DRIVE	
		) or P.O. F	e, and/or Bldg. No	A2. Building Street Address (including Apt., Unit, Suite, and/or Bidg. No.) or P.O. Route and	et Address (ii	A2. Building Stre	
Policy Number:	P			(בא' רדכ	IETS Name	A1. Building Owner's Name COMMONWEALTH ON THE KEY, LLC	
FOR INSURANCE COMPANY LISE	F		INFORMATION	SECTION A - PROPERTY INFORMATION	SE(		
Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building numer	af, (2) insurance ager	nunity officia	nents for (1) comm	ertificate and all attachn	s Elevation C	Copy all pages of thi	

OMB No. 1660-0008 Expiration Date: November 3

					1
RE HAS 3	ECTION C20 STRUCTUR	OR SE JECT S	ble) E HOME WAS USED F( D CONVERSION). SUBJ E VALID ONLY WITH OI	location, per C2(e), if applica ON THE WEST SIDE OF TH S. UNIT (GPSTEST APP - NO EET (TOTAL). CERTIFICAT	Comments (including type of equipment and location, per C2(e), if applicable) FILE #17-10-70B. THE OUTSIDE A/C UNIT ON THE WEST SIDE OF THE HOME WAS USED FOR SECTION C2e. SECTIO WAS DERIVED FROM A HAND HELD G.P.S. UNIT (GPSTEST APP - NO CONVERSION). SUBJECT STRUCTURE HAS 3 VENTS ENGINEERED FOR 600 SQUARE FEET (TOTAL). CERTIFICATE VALID ONLY WITH ORIGINAL SIGNATURE & RAISED SEAL.
and (3) building owner.	t/company,	agent	ınity official, (2) insurance	all attachments for (1) commu	Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, ar
	**	Ext	Telephone (941) 497-1290	<b>Date</b> 01-02-2019	Signature Signat
1	X	ر ر	ZIP Code 34293	State Florida	City VENICE
Mere	D.				Address 742 SHAMROCK BLVD
		ا د دود داران		IC.	Company Name STRAYER SURVEYING AND MAPPING, INC
		- 1			Title PSM/CFM
9			96	License Number 5228	Certifier's Name B. GREGORY RIETH
d that any false ere if attachments.	I understand  X Check he	lable. I	to interpret the data avail e, Section 1001. eyor? XYes \(\) No	in represents my best efforts in represents my best efforts in recomment under 18 U.S. Cod vided by a licensed land surv	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?  XYes No X Check here.
vation information	TION IN SELECTION	FICAT	R ARCHITECT CERTIF or architect authorized b	SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION gned and sealed by a land surveyor, engineer, or architect authorized by law to be	This certification is to be signed and sealed I
meters	A X feet	N/A	ling	vation of deck or stairs, include	h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support
t meters	× feet	6.1		ext to building (HAG)	
t meters	X feet	5.1		xt to building (LAG)	f) Lowest adjacent (finished) grade next to building (LAG)
t meters	1 × feet	10.1		uipment servicing the building ation in Comments)	<ul> <li>e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)</li> </ul>
	$\boxtimes$	6.0			
meters		N/A		tural member (V Zones only)	c) Bottom of the lowest horizontal structural member (V Zones only)
	'   X	10.2	e fisor)	nent, crawispace, or enclosum	
neasurement used.	Check the m		r the BFE.	t be the same as that used fo	Datum used for building elevations must be the same as that used for the BFE
			1) below.	evations in items a) through he	Indicate elevation deturn used for the elevations in items a) through h) below.
er meters.	AR/A1-A3( co only, ent	To Ric	-V30, V (with BFE), AR, AR/A, AR gram specified in Item A7. In Puer Vertical Datum: NAVD1988	ig to the building diagram spe	C2. Elevations – Zones A1–A30, AE, AH, A (with BFE), VE, V1–V30, V (with BFE), AR, AR/A, AR/AE, AR/A1–A30, Complete Items C2.a–h below according to the building diagram specified in Item A7. In Puerto Rico only, enter Benchmark Utilized: NGS BM Z700 EL: 4.8'  Vertical Datum: NAVD1988
Finished Construction	n. X Fin	ruction	e building is complete.	quired when construction of the	
		REQUI	RMATION (SURVEY F	17	
C Number	Company NAIC	CO	ZIP Code 34242	State Florida	City SIESTA KEY
	Policy Number:	Pol	O. Route and Box No.	Suite, and/or Bidg. No.) or P.	Building Street Address (including Apt., Unit, Suite, and/or Bidg. No.) or P.O. Route and Box No. 4866 COMMONWEALTH DRIVE
NCE COMPANY USE	FOR INSURAN	FO	m Section A.	responding information fro	IMPORTANT: In these spaces, copy the corresponding information from Section A.
. INDVENTION 30, 2016	Sand Hone Hote	- Chi			

OMB No. 1660-0008 Expiration Date: November

Check here if attachments.					
					1 1 000
		an <sub>m</sub> gr			
	Telephone	Date		8	Signature
ZIP Code	State	City			Address
The local official must certify this information in Section G.  IEPRESENTATIVE) CERTIFICATION	official must certify this	Unknown. The local of	SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION	floodplain management ordinance? Yes No Unknown. The local official must certify this information in Section  SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION	flood
above or below the HAG.	et meters at	at the better from the	equipment	Top of platform of machinery and/or equipment servicing the building is	E4. Top
	meters	[feet		Attached garage (top of slab) is	E3. Attac
ee pages 1-2 of Instructions),	rms 8 and/or 9 (see pa et ☐ meters ☐ at	ovided in Section A Items	nanent flood openings prin	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 freet floor (elevation C2.b in freet floor floo	E2. For E
elevation is above or below  above or below the HAG.	thow whether the elever meters al	appropriate boxes to she ade (LAG).	following and check the nd the lowest adjacent grasement, sement,	Provide elevation information for the following and check the appropriate boxes to show whether the elevation is the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).  a) Top of bottom floor (including basement, crawfspace, or enclosure) is  b) Top of bottom floor (including basement, crawfspace, or enclosure) is  crawfspace, or enclosure) is  [] feet [] meters [] above or crawfspace, or enclosure) is	E1. Prov the h
r LOMR-F request d. In Puerto Rico only,	to support a LOMA o	Certificate is intended de, if available. Check t	plete Items E1-E5. If the E1-E4, use natural grad	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 or enter meters.	For Zones AC complete Sec enter meters.
(GEN	RVEY NOT REQUIR	INFORMATION (SUI	- BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BEE)	SECTION E – B	
Company NAIC Number	Compar	ZIP Code 34242	State Florida	ΈΥ	City SIESTA KEY
lumber:	Box No.	No.) or P.O. Route and	Jnit, Suite, and/or Bidg. N	Building Street Address (including Apt., Unit, Suite, and/or Bidg. No.) or P.O. Route and Box No. 4866 COMMONWEALTH DRIVE	Building \$
FOR INSURANCE COMPANY LISE		ation from Section A	corresponding inform	IMPORTANT: In these spaces, copy the corresponding information from Section A.	IMPORTA

## 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.
Building Street Address (including Apt., Unit, Suite, and/or Bidg. No.) or P.O. Route and Box No.
4866 COMMONWEALTH DRIVE ZIP Code

FOR INSURANCE COMPANY USE Policy Number:

SIESTA KEY

34242

Florida

2

Company NAIC Number

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below instructions for them A6. Identify all photographs with date taken; "Front View" and "Rear View"; and, if required, "Right "Left Side View." When applicable, photographs must show the foundation with representative examples of the fivents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page. of the flood "Right Side View" and openings 9



Photo One Caption

Clear Photo One



FEMA Form 086-0-33 (7/15)

## **BUILDING PHOTOGRAPHS**

Continuation Page

OMB No. 1660-0008 Expiration Date: November 30, 2018 FOR INSURANCE COMPANY USE Policy Number:

Company NAIC Number

IMPORTANT: In these spaces, copy the corresponding information from Section A. Building Street Address (including Apt., Unit, Suite, and/or Bidg. No.) or P.O. Route and Box No. SIESTA KEY 4866 COMMONWEALTH DRIVE Florida State 34242 ZIP Code

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 Caption

Clear Photo Three



Photo Four Caption

FEMA Form 086-0-33 (7/15)

Form Page 6 of 6 Clear Photo Four



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ESR-2074

This report is subject to renewal 02/2019

**DIVISION: 08 00 00—OPENINGS** 

SECTION: 08 95 43—VENTS/FOUNDATION FLOOD VENTS

#### REPORT HOLDER:

SMARTVENT PRODUCTS, INC.

**PITMAN, NEW JERSEY 08071** 430 ANDBRO DRIVE, UNIT 1

### **EVALUATION SUBJECT:**

SMART VENT® AUTOMATIC FOUNDATION FLOOD VENTS:

MODELS #1540-520; #1540-521; #1540-510; #1540-511;

#1540-570; #1540-574; #1540-524; #1540-514



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1



#### ICC-ES **Evaluation Report**

**ESR-2074** 

Reissued February 2017

This report is subject to renewal February 2019.

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A Subsidiary of the International Code Council®

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

REPORT HOLDER:

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

EVALUATION SUBJECT:

SMART VENT<sup>®</sup> AUTOMATIC FOUNDATION FLOOD VENTS: MODELS. #1540-520; #1540-521; #1540-510; #1540-511; #1540-570; #1540-574; #1540-524; #1540-514

### 1.0 EVALUATION SCOPE

Compliance with the following codes:

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

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

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

#### ა. 0 DESCRIPTION

#### <u>ω</u> 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 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 FV pivoting door is normally held in the closed position by

> vertically arranged openings per unit. 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 The water level stabilizes, equalizing the lateral forces. Each unit is fabricated from stainless steel. Smart Vent® Automatic Foundation Flood Vents are available

### 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.

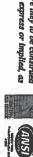
#### ພູ Ventilation:

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 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, ventilation. Other FVs recognized in this report do not offer natural in one assembly, and provides 102 square inches (65 806 mm²) of net free area to supply natural ventilation.

## 4.0 DESIGN AND INSTALLATION

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: construction from the exterior side. Installation of the vents must be in accordance with the manufacturer's construction installed into walls or overhead doors of existing or new walls of any thickness. installation clips allow mounting in masonry and concrete instructions, SmartVENT® the and applicable code FloodVENT® are and designed this noder.

- With a minimum of two openings on different sides of each enclosed area.
- feet (18.6 m²) SmartVENT® ( FloodVENT® St 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 400 square feet (37.2 m<sup>2</sup>) of enclosed area. installed with Stacking ø minimum of Model #1540-521 one FV 락 must every and
- 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® 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<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 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.)
		, , , , ,	(m. the) section
FIOODVENT	1540-520	15 <sup>3</sup> / <sub>4</sub> " × 7 <sup>3</sup> / <sub>4</sub> "	200
SmartVENT®	1540-510	15 <sup>3</sup> / <sub>*</sub> × 7 <sup>3</sup> / <sub>*</sub>	200
Elanive Control			100
FloodyENI Cverhead Door	1540-524	1531, X731,	200
SmartVENT® Overhead Door	1540-514	15 <sup>3</sup> / <sub>4</sub> " × 7 <sup>3</sup> / <sub>4</sub> "	200
Wood Wall FloodVENT®	1540-570	14" X 83/4"	200
Wood Wall FloodVENT® Overhead Door	1540-574	14" X 83/4"	200
SmartVENT® Stacker	1540-511	16" × 16"	400
FloodVent <sup>®</sup> Stacker	1540-521	16" X 16"	400
For Si: 1 inch = 25.4 mm: 1 square foot = m2	(C) (C) (C) (C)		

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



#### ICC-ES **Evaluation Report**

# **ESR-2074 CBC and CRC Supplement**

Issued January 2017

This report is subject to renewal February 2019.

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Subsidiary of the International Code Council®

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

#### REPORT HOLDER:

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

### **EVALUATION SUBJECT:**

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

## 1.0 REPORT PURPOSE AND SCOPE

The purpose of this evaluation report supplement is to indicate that Smart Vent® Automatic Foundation Flood Vents, recognized in ICC-ES master evaluation report ESR-2074, have also been evaluated for compliance with codes noted

### Applicable code edition:

- 2016 California Building Code (CBC)
- 2016 California Residential Code (CRC)

#### 2.0 CONCLUSIONS

#### 7 CBC:

The Smart Vent<sup>®</sup> Automatic Foundation Flood Vents, described in Sections 2.0 through 7.0 of the master evaluation report ESR-2074, comply with 2016 CBC Chapter 12, provided the design and installation are in accordance with the 2015 International Building Code® (IBC) provisions noted in the master report and the additional requirements of CBC Chapters 12, 16 and 16A, as applicable.

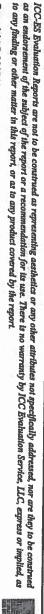
and construction of new buildings Wildland-Urban Interface Fire Area. The products recognized in this supplement have not been evaluated under CBC Chapter 7A for use in the exterior design located in any Fire Hazard Severity Zone within State Responsibility Areas or any

The Smart Vent<sup>®</sup> Automatic Foundation Flood Vents, described in Sections 2.0 through 7.0 of the master evaluation report ESR-2074, comply with the 2016 CRC, provided the design and installation are in accordance with the 2015 *International Residential Code* (IRC) provisions noted in the master report.

or any Wildland-Urban Interface Fire Area. exterior design and construction of new buildings located in any Fire Hazard Severity Zone within State Responsibility Areas The products recognized in this supplement have not been evaluated under 2016 CRC Chapter R337, for use in the

The products recognized in this supplement have not been evaluated for compliance with the International Wildland-Urban Interface Code®.

This supplement expires concurrently with the master report, reissued February 2017.





(ANS)

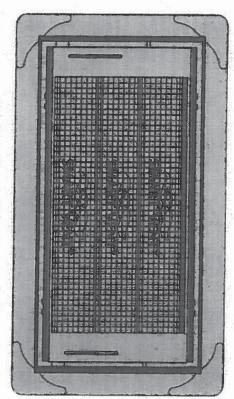


FIGURE 1—SMART VENT: MODEL 1540-510

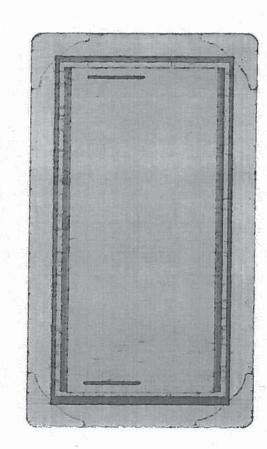


FIGURE 2—SMART VENT MODEL 1540-520

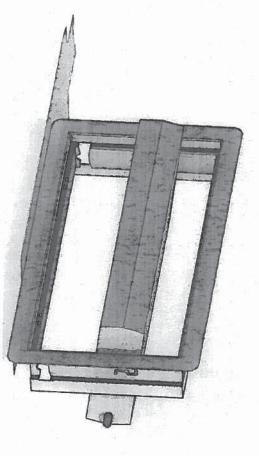


FIGURE 3—SMART VENT: SHOWN WITH FLOOD DOOR PIVOTED OPEN

## ICC-ES Evaluation Report

#### **ESR-2074 FBC Supplement**

Reissued February 2017

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

#### REPORT HOLDER:

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### **EVALUATION SUBJECT:**

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

## 1.0 REPORT PURPOSE AND SCOPE

#### Purpose:

The purpose of this evaluation report supplement is to indicate that Smart Vent® Automatic Foundation Flood Vents, recognized in ICC-ES master report ESR-2074, have also been evaluated for compliance with the codes noted below.

### Applicable code editions:

- 2014 Florida Building Code -Building (FBC)
- 2014 Florida Building Code—Residential (FRC)

#### 2.0 CONCLUSIONS

The Smart Vert<sup>®</sup> Automatic Foundation Flood Verts, described in Sections 2.0 through 7.0 of the master evaluation report ESR-2074, comply with the FBC and the FRC, provided the design and installation are in accordance with the *International Building Code*® provisions noted in the master report.

Hurricane Zone provisions of the FBC and the FRC. Use of the Smart Vent® Automatic Foundation Flood Vents has also been found to be in compliance with the High-Velocity

For products falling under Florida Rule 9N-3, verification that the report holder's quality assurance program is audited by a quality assurance entity approved by the Florida Building Commission for the type of inspections being conducted is the responsibility of an approved validation entity (or the code official when the report holder does not possess an approval by

This supplement expires concurrently with the master report, reissued February 2017.