U.S. DEPARTMENT OF HOMELAND SECURITY Federal Emergency Management Agency

National Flood Insurance Program

OMB No. 1660-0008 Expiration Date: November 30, 2022

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.

A1. Building Owner's Name SCE Development, LLC A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1224 N. Casey Key Rd. City Osprey State Florida A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Lot 3, Palmer's Subdivision of Casey's Key PID# 0145100004 A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential A5. Latitude/Longitude: Lat. 27.198598* Long82.505661* Horizontal Datum: NAD 1927 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 7 A8. For a building with a crawlspace or enclosure(s): a) Square footage of crawlspace or enclosure(s) B) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade c) Total net area of flood openings in A8.b 7400.00 sq in d) Engineered flood openings? Nes No Section B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION B1. NFIP Community Name & Community Number Sarasota B2. County Name Sarasota Policy Number: Company NAIC Number: A124				
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1224 N. Casey Key Rd. City				
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Sarasota County 125144 Sarasota Florida				
B4. Map/Panet B5. Suffix Date B7. FIRM Panel Effective/ Revised Date B8. Flood Zone(s) B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth)				
12115C0209 F 11-04-2016 11-04-2016 AE 10'				
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9:				
☐ FIS Profile ☑ 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 OPA				

ELEVATION CERTIFICATE

OMB No. 1660-0008 Expiration Date: November 30, 2022

IMPORTANT: In these spaces, copy the corresponding			FOR INSUR	ANCE COMPANY USE	
Building Street Address (including Apt., Unit, Suite, and/o 1224 N. Casey Key Rd.	r Bldg. No.) or P.O. Ro	ute and Box No.	Policy Numb	er:	
City Sta Osprey Flo	ate ZIP orida 342	Code 29	Company NA	IC Number	
SECTION C – BUILDING EL	EVATION INFORMA	TION (SURVEY RE	EQUIRED)		
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: NGS BM# 157 I Elev.= 5.38' Vertical Datum: NAVD 1988 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) 7.3 feet meters					
 a) Top of bottom floor (including basement, crawls) 	pace, or enclosure floor)		et meters	
b) Top of the next higher floor		·	19.3 X fe	eet	
 c) Bottom of the lowest horizontal structural members 	er (V Zones only)		N/A ⊠ fe	eet meters	
d) Attached garage (top of slab)			<u>N/A</u> ⊠ fe	eet meters	
 e) Lowest elevation of machinery or equipment ser (Describe type of equipment and location in Con 	vicing the building nments)		19.2 X fe	eet meters	
f) Lowest adjacent (finished) grade next to building	(LAG)		6.9 ⊠ fe	eet meters	
g) Highest adjacent (finished) grade next to building	g (HAG)			eet meters	
h) Lowest adjacent grade at lowest elevation of dec structural support	ck or stairs, including		9.4 🛭 fe	eet meters	
SECTION D - SURVEYOR	, ENGINEER, OR AR	CHITECT CERTIFI	CATION		
This certification is to be signed and sealed by a land su I certify that the information on this Certificate represents statement may be punishable by fine or imprisonment un Were latitude and longitude in Section A provided by a li	s my best efforts to intel nder 18 U.S. Code, Sed	rpret the data availa tion 1001.	ble. I understa —	elevation information. Ind that any false here if attachments.	
Certifier's Name	License Number				
Martin S. Britt	LS 5538		M. 3-	12A	
Title Surveyor & Mapper			111000		
Company Name			- LS	5538	
MSB Surveying, Inc.				Seal	
Address 31 Sarasota Center Boulevard, Suite C	M-	V- 10411	11/1	5538 Seal Massaz	
City	State	ZIP Code	-		
Sarasota	Florida	34240			
Signature PA	Date 11-17-2022	Telephone (941) 341-9935	Ext. N/A		
Copy all pages of this Elevation Certificate and all attachme	ents for (1) community of	ficial, (2) insurance a	agent/company	, and (3) building owner.	
Comments (including type of equipment and location, per 3 story structure. A5. determined by field location survey exterior wall flood vent openings for 5 separate enclosure Manufactured Engineered Smart Vents installed per ICC #1540-521 (each = 400) = 72000 + 1 Model #1540-520 = See continued comments for this Section D on Page 7 ac See added Page 8 for photo of AC. NOTE: 02/14/202	in state plane and cones on ground floor all be -ES Evaluation Report = 200= 7400 Total.	elow BFE. ESR-2074, Revised ument.	date 4/2021.	Total of 18 Model	

ELEVATION CERTIFICATE

OMB No. 1660-0008 Expiration Date: November 30, 2022

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. 1224 N. Casey Key Rd. State ZIP Code Company NAIC Number City 34229 Florida Osprey 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. _ ☐ feet ☐ meters ☐ above or ☐ below the HAG. crawlspace, or enclosure) is b) Top of bottom floor (including basement, feet meters above or below the LAG. crawlspace, or enclosure) is 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 __ ☐ feet ☐ meters ☐ above or ☐ below the HAG. the diagrams) of the building is 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 ZIP Code City State Address Telephone Date Signature Comments Check here if attachments.

ELEVATION CERTIFICATE

OMB No. 1660-0008 Expiration Date: November 30, 2022

IMPORTANT: In these spaces, copy the corr	<u> </u>		FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, St. 1224 N. Casey Key Rd.	uite, and/or Bldg. No.) or P.O.	Route and Box No.	Policy Number:
City Osprey		ZIP Code 34229	Company NAIC Number
SECTIO	ON G - COMMUNITY INFORM	MATION (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, en	Certificate. Complete the app	ımunity's floodplain ma ılicable item(s) and sigr	nagement ordinance can complete to below. Check the measurement
G1. The information in Section C was tak engineer, or architect who is authoriz data in the Comments area below.)	ed by law to certify elevation in	nformation. (Indicate th	e source and date of the elevation
G2. A community official completed Section or Zone AO.	on E for a building located in a	Zone A (without a FEM	A-issued or community-issued BFE)
G3. The following information (Items G4-	-G10) is provided for communi	ty floodplain managem	ent purposes.
G4. Permit Number	G5. Date Permit Issued		Date Certificate of Compliance/Occupancy Issued
G7. This permit has been issued for:	New Construction [] Subst	antial Improvement	
G8. Elevation of as-built lowest floor (including of the building:	j basement)	feet	meters Datum
G9. BFE or (in Zone AO) depth of flooding at t	the building site:	feet	meters Datum
G10. Community's design flood elevation:			meters Datum
Local Official's Name	Title		
Community Name	Telep	phone	-
Signature	Date	-	
Comments (including type of equipment and loc	cation, per C2(e), if applicable)	
		NT.	
			Check here if attachments.

BUILDING PHOTOGRAPHS

ELEVATION CERTIFICATE

See Instructions for Item A6.

OMB No. 1660-0008 Expiration Date: November 30, 2022

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. 1224 N. Casey Key Rd.			p. Policy Number:
City	State	ZIP Code	Company NAIC Number
Osprey	Florida	34229	

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 (11/17/2022) Front View

Clear Photo One



Photo Two

Photo Two Caption (11/17/2022) Front & Left Side View

Clear Photo Two

BUILDING PHOTOGRAPHS

ELEVATION CERTIFICATE

Continuation Page

OMB No. 1660-0008

Expiration Date: November 30, 2022

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bidg. No.) or P.O. Route and Box No. 1224 N. Casey Key Rd.			Policy Number:
City Osprey	State Florida	ZIP Code 34229	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 (11/17/2022) Front & Right Side View

Clear Photo Three



Photo Four

CONTINUES COMMENTS FROM PAGE 2, SECTION D

1224 N. Casey Key Rd., Nokomis FL. 34275

3 story structure. Bottom of Lowest horizontal structural member supporting lowest floor = 18.3' NAVD1988.

A5. determined by field location survey in state plane and converted to decimal degrees.

A8. denotes total sq.ft and exterior wall flood vent openings for 5 separate enclosures on ground floor all below BFE. All vents on exterior walls only. No room to room vents included but noted hereon for each enclosure if any.

- 1. Storage #1, #3 and Pool Area: 3506sq.ft., 13 total Smart Vents Model #1540-521 (each vent = 400) = accommodates 5200sq.ft. of enclosure.
- 2. Storage #2 & Entry: 764sq.ft., 4 total Smart Vents Model #1540-521 (each vent = 400) = accommodates 1,600sq.ft. of enclosure.
- 3. Vestibule & Elevator: 242sq.ft., 1 Smart Vent Model #1540-521 (each vent = 400) = accommodates 400sq.ft. of enclosure.
- 4. Stair Area between Vestibule and Storage #1: 180sq.ft., 1 Smart Vent Model #1540-520 = accommodates 200sq.ft of enclosure.
- 5. Parking Area: 1,780sq.ft., No exterior wall flood vents in this area. 3 of the 4 walls are interior walls, 4th wall with garage doors.

Manufactured Engineered Smart Vents installed per ICC-ES Evaluation Report ESR-2074, Revised date 4/2021. Total of 18 Model #1540-521 (each = 400) = 7200 + 1 Model #1540-520 = 200= 7400 Total. Total sq.ft of 5 enclosures = 6472sq.ft.

- C2.a) denotes finish floor of parking area. Storage #1 finish floor = 7.8'. Storage #2 finish floor = 7.7'. Vestibule finish floor = 7.7', elevator shaft = 6.9'. Stair Area finish floor = 7.7'. Storage #3 finish floor = 7.3'.
- C2.b) denotes the first living area finish floor.
- C2.e) denotes the top of elevated pad for AC units and generator. Tankless water heater located within elevated pad mounted on structure wall.

ADDITIONAL SHEET FOR PHOTOS

PAGE 8



PAGE 9

ADDITIONAL SHEET FOR PHOTOS

(02/13/2023) 1 Double Smart Vent Model #1540-521 on Left Side/Storage 2



(02/13/2023) 2 Double Smart Vent Model #1540-521 on Front-Left Side/Storage 2



(02/13/2023) 3 Double Smart Vent Model #1540-521, 1 Single Smart Vent Model #1540-520 on Front-Right Side/Vestibule, Stairs & Storage 1



(02/13/2023) 5 Double Smart Vent Model #1540-521 on Right Side-Front Portion of Storage 1 & Storage 3



(02/13/2023) 3 Double Smart Vent Model #1540-521 on Right Side-Rear Portion of Storage 1 & Storage 3



(02/13/2023) 4 Double Smart Vent Model #1540-521 on Rear/Storage 3 & Pool





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ESR-2074

Reissued 02/2021 Revised 04/2021 This report is subject to renewal 02/2023.

DIVISION: 08 00 00—OPENINGS
SECTION: 08 95 43—VENTS/FOUNDATION FLOOD VENTS

REPORT HOLDER:

SMART VENT PRODUCTS, INC.

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 FLOOD VENT SEALING KIT #1540-526



"2014 Recipient of Prestigious Western States Seismic Policy Council (WSSPC) Award in Excellence"



s use. or this

ICC-ES Evaluation Reports are not to be construed as representing aesthetics or any other attributes not specifically addressed, nor are they to be construed as an endorsement of the subject of the report or a recommendation for its use. There is no warranty by ICC Evaluation Service, LLC, express or implied, as to any finding or other matter in this report, or as to any product covered by the report.



ESR-2074

Reissued February 2021 Revised April 2021

This report is subject to renewal February 2023.

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A Subsidiary of the International Code Council®

DIVISION: 08 00 00—OPENINGS

Section: 08 95 43—Vents/Foundation Flood Vents

REPORT HOLDER:

SMART VENT PRODUCTS, INC.

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 FLOOD VENT SEALING KIT #1540-526

1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2021, 2018, 2015, 2012, 2009 and 2006 International Building Code® (IBC)
- 2021, 2018, 2015, 2012, 2009 and 2006 International Residential Code® (IRC)
- 2021, 2018 International Energy Conservation Code[®] (IECC)
- 2013 Abu Dhabi International Building Code (ADIBC)†

¹The 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® 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 described in this report do not offer natural ventilation.

3.4 Flood Vent Sealing Kit:

The Flood Vent Sealing Kit Model #1540-526 is used with SmartVENT® Model #1540-520. It is a Homasote 440 Sound Barrier® (ESR-1374) insert with 21 – 2-inch-by-2-inch (51 mm x 51 mm) squares cut in it. See Figure 4.

4.0 DESIGN AND INSTALLATION

4.1 SmartVENT® and FloodVENT®:

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.
- 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.

4.2 Flood Vent Sealing Kit

The Flood Vent Sealing Kit Model 1540-526 is used in conjunction with FloodVENT® Model #1540-520. When installed and tested in accordance with ASTM E283, the FV and Flood Vent Sealing Kit assembly have an air leakage rate of less than 0.2 cubic feet per minute per lineal foot (18.56 l/min per lineal meter) at a pressure differential of 1 pound per square foot (50 Pa) based on 12.58 lineal feet (3.8 lineal meters) contained by the Flood Vent Sealing Kit.

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® 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

- 6.1 Data in accordance with the ICC-ES Acceptance Criteria for Mechanically Operated Flood Vents (AC364), dated August 2015 (editorially revised February 2021).
- **6.2** Test report on air infiltration in accordance with ASTM F283

7.0 IDENTIFICATION

- 7.1 The Smart VENT® models and the Flood Vent Sealing Kit described 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).
- 7.2 The report holder's contact information is the following:

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

TABLE 1-MODEL SIZES

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

For SI: 1 inch = 25.4 mm; 1 square foot = m2

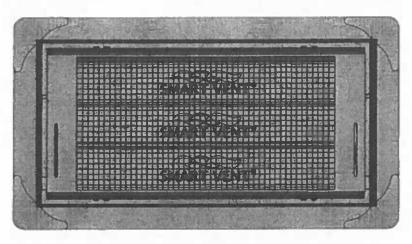


FIGURE 1-SMART VENT: MODEL 1540-510

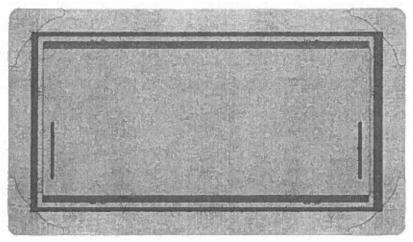


FIGURE 2—SMART VENT MODEL 1540-520

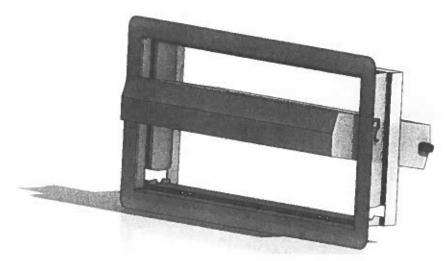


FIGURE 3—SMART VENT: SHOWN WITH FLOOD DOOR PIVOTED OPEN

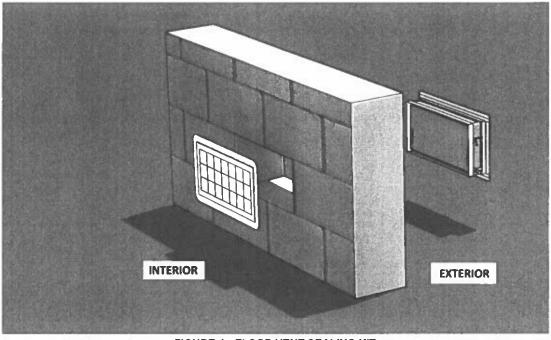


FIGURE 4—FLOOD VENT SEALING KIT



ESR-2074 CBC and CRC Supplement

Reissued February 2021 Revised April 2021

This report is subject to renewal February 2023.

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A Subsidiary of the International Code Council®

DIVISION: 08 00 00—OPENINGS

Section: 08 95 43—Vents/Foundation Flood Vents

REPORT HOLDER:

SMART VENT PRODUCTS, INC.

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 FLOOD VENT SEALING KIT #1540-526

1.0 REPORT PURPOSE AND SCOPE

Purpose:

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

Applicable code editions:

2019 California Building Code (CBC)

For evaluation of applicable chapters adopted by the California Office of Statewide Health Planning and Development (OSHPD) and Division of State Architect (DSA), see Sections 2.1.1 and 2.1.2 below.

■ 2019 California Residential Code (CRC)

2.0 CONCLUSIONS

2.1 CBC:

The Smart Vent® Automatic Foundation Flood Vents, described in Sections 2.0 through 7.0 of the evaluation report ESR-2074, comply with 2019 CBC Chapter 12, provided the design and installation are in accordance with the 2018 International Building Code® (IBC) provisions noted in the evaluation report and the additional requirements of CBC Chapters 12 and 16, as applicable.

2.1.1 OSHPD:

The applicable OSHPD Sections and Chapters of the CBC are beyond the scope of this supplement.

2.1.2 DSA:

The applicable DSA Sections and Chapters of the CBC are beyond the scope of this supplement.

2.2 CRC:

The Smart Vent® Automatic Foundation Flood Vents, described in Sections 2.0 through 7.0 of the evaluation report ESR-2074, comply with the 2019 CRC, provided the design and installation are in accordance with the 2018 International Residential Code® (IRC) provisions noted in the evaluation report.

This supplement expires concurrently with the evaluation report, reissued February 2021 and revised April 2021.





ESR-2074 FBC Supplement

Reissued February 2021 Revised April 2021 This report is subject to renewal February 2023.

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1.0 REPORT PURPOSE AND SCOPE

Purpose:

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

Applicable code editions:

- 2020 Florida Building Code—Building
- 2020 Florida Building Code—Residential

2.0 CONCLUSIONS

The Smart Vent® Automatic Foundation Flood Vents, described in Sections 2.0 through 7.0 of the evaluation report ESR-2074, comply with the Florida Building Code—Building and the Florida Building Code-Residential, provided the design requirements are determined in accordance with the Florida Building Code-Building or the Florida Building Code-Residential, as applicable. The installation requirements noted in ICC-ES evaluation report ESR-2074 for 2018 International Building Code® meet the requirements of the Florida Building Code-Building or the Florida Building Code-Residential, as applicable.

Use of the Smart Vent® Automatic Foundation Flood Vents has also been found to be in compliance with the High-Velocity Hurricane Zone provisions of the Florida Building Code—Building and the Florida Building Code—Residential .

For products falling under Florida Rule 61G20-3, 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 the Commission).

This supplement expires concurrently with the evaluation report, reissued February 2021 and revised April 2021.

