# 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.

SECTION A - PROPERTY INFO	ORMATION		FOR INSUR	ANCE COMPANY USE	
A1. Building Owner's Name  CONN JOSEPH J & KIMBERLY L  Policy Number:					
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and  Company NAIC Number:					
Box No.  309 SPENCER FARLOW DRIVE					
City CAROLINA BEACH	State North Carolina	ı	ZIP Code 28428		
A3. Property Description (Lot and Block Numbers, Tax Pa R08806-004-036-000 LOT 3A BLK 3 HARBOUR POINT	rcel Number, Legal De	escription, etc.)			
A4. Building Use (e.g., Residential, Non-Residential, Addit	tion, Accessory, etc.)	RESIDENTIAL			
A5. Latitude/Longitude: Lat. 34.05536 Long	g. 77.89423	Horizontal Dati	um: NAD 1	927 🔀 NAD 1983	
A6. Attach at least 2 photographs of the building if the Cer	tificate is being used to	o obtain flood insu	urance.		
A7. Building Diagram Number6_					
A8. For a building with a crawlspace or enclosure(s):	*				
a) Square footage of crawlspace or enclosure(s)	1437.0	00 sq ft			
b) Number of permanent flood openings in the crawlsp	pace or enclosure(s) w	— ithin 1.0 foot abov	ve adjacent gra	de 7	
c) Total net area of flood openings in A8.b	1600.00 sq in			3	
d) Engineered flood openings? X Yes No					
A9. For a building with an attached garage:					
a) Square footage of attached garage	N/A sq ft				
b) Number of permanent flood openings in the attache	ed garage within 1.0 fo	ot above adjacent	t grade		
c) Total net area of flood openings in A9.b	sq in	or above adjacom			
d) Engineered flood openings?   Yes   No					
SECTION B – FLOOD INSU	RANCE RATE MAP	(FIRM) INFORM	MATION		
B1. NFIP Community Name & Community Number	B2. County Name			B3. State	
TOWN OF CAROLINA BEACH 375347	NEW HANOVER			North Carolina	
Number Date	FIRM Panel B8. Effective/ Zone Revised Date	Flood B9. e(s)	. Base Flood El (Zone AO, use	evation(s) e Base Flood Depth)	
	28-2018 AE	10.	0'		
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9:					
☐ FIS Profile ☑ FIRM ☐ Community Determined	d Other/Source:				
B11. Indicate elevation datum used for BFE in Item B9:	] NGVD 1929 🗵 NA	4VD 1988 ☐ (	Other/Source: _		
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? 🗌 Yes 🗵 No					
	S  OPA		9		

# **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					
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 309 SPENCER FARLOW DRIVE				Number:	
City State ZIP Code		Compa	any NAIC N	lumber	
CAROLINA BEACH North Carolina 28428					
SECTION C – BUILDING EL	EVATION INFORMAT	ION (SURVEY RE	EQUIRE	D)	
<ul> <li>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.</li> <li>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: Vertical Datum:</li> </ul>					
Indicate elevation datum used for the elevations in it		v.			as a
☐ NGVD 1929 ☑ NAVD 1988 ☐ Other/S					
Datum used for building elevations must be the sam	e as that used for the B	FE.	Che	eck the me	asurement used.
<ul> <li>a) Top of bottom floor (including basement, crawlsp</li> </ul>	ace, or enclosure floor)		11.3		☐ meters
b) Top of the next higher floor			22.6		meters
c) Bottom of the lowest horizontal structural membe	er (V Zones only)		N/A	feet	meters
d) Attached garage (top of slab)	(,,		N/A	feet	meters
e) Lowest elevation of machinery or equipment ser (Describe type of equipment and location in Com	vicing the building iments)		22.2	✓ feet	☐ meters
f) Lowest adjacent (finished) grade next to building	•		10.9	✓ feet             ✓ feet	meters
g) Highest adjacent (finished) grade next to building			10.9	—	☐ meters
h) Lowest adjacent grade at lowest elevation of dec structural support			10.9	☑ feet	☐ meters
	ENGINEED OF ARC	UITECT CEPTIE	ICATIO		
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 lie				Check here	e if attachments.
Certifier's Name	License Number			. 4 5 2 2 5	114
Stuart Y. Benson	L-2675		99	CA	RO
Title Professional Land Surveyor			1000 P	TO ESS	10,
Company Name Cape Fear Surveying, PC			GBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB		hall be of
Address 1 N 6th St				190 H	
City	State	ZIP Code	1	100000000	See See
Wilmington	North Carolina	28401	/"	9080861111	Paren
Signature Supplied to the Signature Supplied Supp	Date 05-27-2022	Telephone (910) 762-9496	Ext.		
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) THE LOWEST EQUIPMENT SERVING DWELLING IS HVAC WITH EL. 22.2'. ENGINEERED FLOOD VENTS NOTED: SMART VENTS: Model# 1540-510 - 200sf/ea - 1ea (200sf) Model# 1540-210 - 200sf/ea - 3ea (600sf) Model# 1540-511 - 400sf/ea - 2ea(800sf)					

# **ELEVATION CERTIFICATE**

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

IMP	ORTANT: In these spaces, copy the corresponding	FOR INSURANCE COMPANY USE				
	ding Street Address (including Apt., Unit, Suite, and/o SPENCER FARLOW DRIVE	or Bldg. No.) or P.O. F	Route and Box No.	Policy Number:		
City CAF			IP Code 8428	Company NAIC Number		
	SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)					
com	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.	<ul><li>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).</li><li>a) Top of bottom floor (including basement,</li></ul>					
	crawlspace, or enclosure) is b) Top of bottom floor (including basement, crawlspace, or enclosure) is		_			
E2.	For Building Diagrams 6–9 with permanent flood op	enings provided in Se				
	the next higher floor (elevation C2.b in the diagrams) of the building is		feet mete	rs above or below the HAG.		
	Attached garage (top of slab) is  Top of platform of machinery and/or equipment		_	rs above or below the HAG.		
	servicing the building is	is the ten of the better	_ feet mete			
⊏5.	Zone AO only: If no flood depth number is available floodplain management ordinance? Yes			cordance with the community's certify this information in Section G.		
	SECTION F - PROPERTY OWN	ER (OR OWNER'S RI	PRESENTATIVE) C	ERTIFICATION		
The	property owner or owner's authorized representative amunity-issued BFE) or Zone AO must sign here. The	e who completes Secti e statements in Sectio	ons A, B, and E for Zons A, B, and E are co	one A (without a FEMA-issued or rrect to the best of my knowledge.		
Pro	perty Owner or Owner's Authorized Representative's	Name				
Add	ress	City	S	tate ZIP Code		
Sig	nature	Date	Te	elephone		
Con	nments					
*						

# **ELEVATION CERTIFICATE**

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

IMPORTANT: In these spaces, copy the corresponding information	FOR INSURANCE COMPANY USE					
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) o 309 SPENCER FARLOW DRIVE	r P.O. Route and Box No.	Policy Number:				
City State CAROLINA BEACH North Carolina	ZIP Code 28428	Company NAIC Number				
SECTION G - COMMUNITY IN	FORMATION (OPTIONAL)					
The local official who is authorized by law or ordinance to administer the Sections A, B, C (or E), and G of this Elevation Certificate. Complete the used in Items G8–G10. In Puerto Rico only, enter meters.	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					
G1. The information in Section C was taken from other documen engineer, or architect who is authorized by law to certify elev data in the Comments area below.)						
G2. A community official completed Section E for a building local or Zone AO.	ted in Zone A (without a FEM	A-issued or community-issued BFE)				
G3. The following information (Items G4–G10) is provided for col	mmunity floodplain managem	ent purposes.				
G4. Permit Number G5. Date Permit Issu		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:		t  meters Datum				
Local Official's Name Gloria Abbotts	Title Sr Planner					
Community Name Carolina Beach	Telephone 910-458-8380					
Signature Date						
gloria abbotta  Comments (including type of equipment and location, per C2(e), if app	9/23/2022					
lphacomments (including type of equipment and location, per C2(e), if app	licable)					
Corrected section B1						
		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. 309 SPENCER FARLOW DRIVE			Policy Number:
			Company NAIC Number
CAROLINA BEACH	North Carolina	28428	

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

Clear Photo One



Photo Two

Photo Two Caption

RIGHT 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 Bldg. No.) or P.O. Route and Box No. 309 SPENCER FARLOW DRIVE			Policy Number:
City CAROLINA BEACH	State North Carolina	ZIP Code 28428	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.

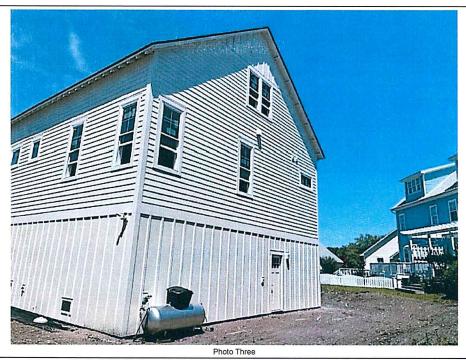


Photo Three Caption **REAR VIEW** Clear Photo Three



LEFT SIDE VIEW Photo Four Caption Clear Photo Four



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# **ICC-ES Evaluation Report**

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

**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"



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# **ICC-ES Evaluation 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<sup>®</sup> (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)†

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® 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 E283.

#### 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	$15^{3}/_{4}$ " $\times 7^{3}/_{4}$ "	200
SmartVENT®	1540-510	15 <sup>3</sup> / <sub>4</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® Stacker	1540-521	16" X 16"	400

For SI: 1 inch = 25.4 mm; 1 square foot = m<sup>2</sup>

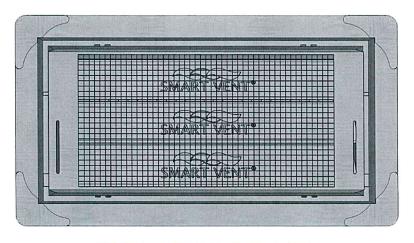


FIGURE 1—SMART VENT: MODEL 1540-510

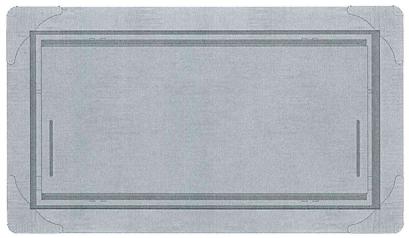


FIGURE 2—SMART VENT MODEL 1540-520

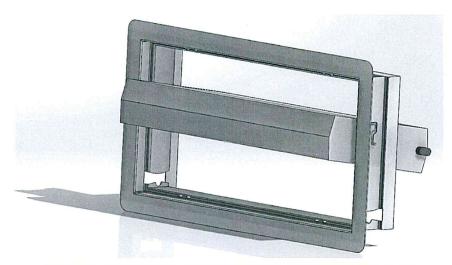


FIGURE 3—SMART VENT: SHOWN WITH FLOOD DOOR PIVOTED OPEN

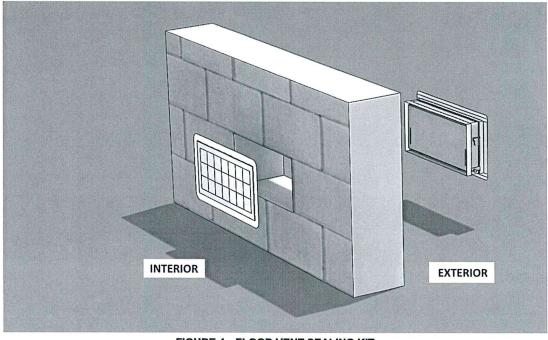


FIGURE 4—FLOOD VENT SEALING KIT



# **ICC-ES Evaluation Report**

# 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; #1540-524; #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.





# **ICC-ES Evaluation Report**

# ESR-2074 FBC 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 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.

