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

D-0372

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.

	CEO:	TION A DOODEDTY					(-,		
SECTION A – PROPERTY INFORMATION A1. Building Owner's Name							IRANCE COMPANY USE		
Taylor Morris		a Inc				Policy Nur	nber:		
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Company NAIC Number: 2408 Coral Ct									
City	City State ZIP Code								
Indian Rocks	Indian Rocks Beach FL 33785								
		nd Block Numbers, Tax s Beach PB 144 (Pg		_		· · · · · · · · · · · · · · · · · · ·			
A4. Building Use (e.g., Residen	tial, Non-Residential, A	Addition	n, Accessory, etc.)	Residential - Uni	in Attache	ed Townhome		
	A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential - Unit in Attached Townhome A5. Latitude/Longitude: Lat. N27°54'23.6" Long. W82°50'47.4 Horizontal Datum: NAD 1927 NAD 1983								
		ns of the building if the			_		1021 N 1000		
A7. Building Diagra			0011111	oato lo bollig docu l	o obtain nood magra	ance.			
	-	pace or enclosure(s):							
	·	. ,							
		space or enclosure(s)		704 sq ft					
		ood openings in the cra	wispa	ce or enclosure(s) v	vithin 1.0 foot above	adjacent gr	rade8		
c) Total net ar	ea of flood op	enings in A8.b 17	92	sq in					
d) Engineered	flood opening	gs? 🗵 Yes 🗌 No	D						
A9. For a building v	vith an attach	ed garage;							
a) Square foot	age of attach	ed garageN/A		sq ft					
b) Number of	permanent flo	od openings in the atta	ached (garage within 1.0 fo	ot above adjacent o	rade	N/A		
c) Total net are			!/A	sq in			(8//5		
				_ 54 111					
d) Engineered	illood opening	gs? U Yes 🗓 No	0						
	SE	CTION B - FLOOD IN	ISURA	NCE RATE MAP	(FIRM) INFORMA	TION			
B1. NFIP Communi				B2. County Name			B3. State		
City of Indian	Rocks Beac	h 125117		Pinellas Cou			FL		
B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	E	IRM Panel ffective/ evised Date	B8. Flood Zone(s)	(Zo	se Flood Elevation(s) ne AO, use Base od Depth)		
12103C0111	G	08/18/2009		09/03/2003	AE		11.4'		
D40 1 1 4 11					<u> </u>				
		Base Flood Elevation (E					:		
☐ FIS FIOIIIE	LIKIVI [Community Determ	inea [X Other/Source:	SEE COMMENTS	<u> </u>			
B11. Indicate eleva	tion datum us	sed for BFE in Item B9:	: 🔲 N	GVD 1929 🕱 NA	VD 1988 🔲 Oth	er/Source:			
B12. Is the building	located in a	Coastal Barrier Resoul	rces Sv	/stem (CBRS) area	or Otherwise Protec	ted Area (C	PA)? □ Vas ▼ No. i		
Designation D			BRS	□ OPA		nea riica (e	A A): [res A No		
===:g//a//2/12			פאטי	☐ OPA					

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

IMPO	MPORTANT: 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. 2408 Coral Ct							ber:			
City		State	ZIP C			Company N	IAIC I	Number		
India	an Rocks Beach	FL	3378	35						
SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)										
C1.	Building elevations are based on:	Construction Drawings*	Build	ing Under Co	onstru	ction*	Finish	ned Construction		
	*A new Elevation Certificate will be require	ed when construction of the	buildin	g is complete	€.					
C2.	Elevations – Zones A1–A30, AE, AH, A (v Complete Items C2.a–h below according Benchmark Utilized: Box in GI @ NE Com Lot	to the building diagram spe-	cified in	E), AR, AR/A tem A7. In NAVD 1988	Puerto	AE, AR/A1-A o Rico only, e	430, <i>A</i> enter	AR/AH, AR/AO. meters.		
	Indicate elevation datum used for the elev ☐ NGVD 1929 ☒ NAVD 1988) below	ı. 						
	Datum used for building elevations must be	be the same as that used for	r the BF	FE.		Check th	e me	asurement used.		
	a) Top of bottom floor (including baseme	ent. crawispace, or enclosure	e floor)	5.	88		feet	meters		
	b) Top of the next higher floor	,	•		5		feet	meters		
	c) Bottom of the lowest horizontal structu	ural member (V Zones only)		N/A		_	feet	☐ meters		
	d) Attached garage (top of slab)	.,		N/A			feet	meters		
	e) Lowest elevation of machinery or equi (Describe type of equipment and locat	pment servicing the building ion in Comments)	j	14	0	×	feet	meters		
	f) Lowest adjacent (finished) grade next	to building (LAG)		<u> </u>	1	X	feet	meters		
	g) Highest adjacent (finished) grade next	to building (HAG)		5.	3	🔀 1	feet	meters		
	h) Lowest adjacent grade at lowest eleva structural support	ition of deck or stairs, includ	ling	N/A			feet	meters		
	SECTION D - SU	RVEYOR, ENGINEER, OF	R ARCI	HITECT CE	RTIFI	CATION				
I cei	s certification is to be signed and sealed by rtify that the information on this Certificate ement may be punishable by fine or impris	represents my best efforts to	o interp	ret the data	ed by	law to certify ble. I underst	elevitand t	ation information. hat any false		
	re latitude and longitude in Section A provid			⊠Yes □	No	X Chec	k here	e if attachments.		
	tifier's Name	License Numbe	er					A		
	ott R. Fowler	LS5185				_		le		
Title						Cutt	Dr	W		
	ofessional Surveyor and Mapper Opany Name					1/ #	אן (
	ndmark Engineering & Surveying Corp).				1/13/4				
	ress					$\exists \chi$				
	15 Palm River Road							1 2		
City Tar	тра	State FL		ZIP Code 33619		LS5185		1/1/2021		
Sigr	nature Swtt Rowlin	Date 1-7-2021		Telephone 813-621-7	841					
Copy	y all pages of this Elevation Certificate and a	ıll attachments for (1) commu	nity offi	cial, (2) insur	ance a	agent/compan	y, and	d (3) building owner.		
Not v Long total 200 s enclo	nments (including type of equipment and lo valid without the original signature and seal of a Flo pitude obtained with a hand held GPS device. The net area of flood openings in A8c is calculated as for square feet, 3 non engineered vents in an enclosure overhead door each certified to handle 200 sidplain Development Through the National Flood Institute of the control of the National Flood Institute of the Natio	orida Registered Surveyor and Ma equipment referenced in C2e is the follows: 3 Smart Vent Insulated Fla re wall each measuring 16" x 16.5 equare feet. Attachment: ICC-ES I	apper or E he air cor lood Vent " and 2 s Elevation	nditioner, locate ts (model 1540- Smart Vent Insi n Report ESR-2	ed outsi -520) in ulated F 2074. A	ide the structure of the enclosure of Flood Vents (mo Attachment: Pag	e, along walls e odel 15 je 4-6 d	g the left side wall. The each certified to handle 640-524) in the of "Managing		

OMB No. 1660-0008

Expiration Date: November 30, 2022

IMPORTANT: In these spaces, copy the correspon	ding informatio	n from Section	on A.	FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, at 2408 Coral Ct	nd/or Bldg. No.)	or P.O. Route	and Box No.	Policy Number:
City	State	ZIP Co	de	Company NAIC Number
Indian Rocks Beach	FL	33785	5	
SECTION E – BUILDING E FOR ZOI	LEVATION INF	ORMATION NE A (WITH	(SURVEY NOT OUT BFE)	REQUIRED)
For Zones AO and A (without BFE), complete Items E complete Sections A, B,and C. For Items E1–E4, use enter meters.	E1–E5. If the Cert natural grade, if	tificate is inten available. Che	ded to support a eck the measurer	LOMA or LOMR-F request, ment used. In Puerto Rico only,
E1. Provide elevation information for the following an the highest adjacent grade (HAG) and the lowest a) Top of bottom floor (including basement,	d check the appr t adjacent grade	ropriate boxes (LAG).	to show whether	the elevation is above or below
crawlspace, or enclosure) is			feet meter	above or below the HAG.
 Top of bottom floor (including basement, crawlspace, or enclosure) is 			feet meters	s above or below the LAG.
E2. For Building Diagrams 6–9 with permanent flood the next higher floor (elevation C2.b in	openings provide	ed in Section A	A Items 8 and/or	9 (see pages 1–2 of Instructions),
the diagrams) of the building is			feet meters	above or below the HAG.
E3. Attached garage (top of slab) is			feet meters	above or below the HAG.
E4. Top of platform of machinery and/or equipment servicing the building is			feet meters	s above or below the HAG.
E5. Zone AO only: If no flood depth number is availal floodplain management ordinance? Yes	ble, is the top of t	the bottom floo	or elevated in acc	-
SECTION F - PROPERTY OW	VNER (OR OWN	ER'S REPRES	SENTATIVE) CE	RTIFICATION
The property owner or owner's authorized represental community-issued BFE) or Zone AO must sign here.	tive who complete	es Sections A	B and F for Zor	ne A (without a FEMA-issued or
Property Owner or Owner's Authorized Representative				
Address		City	Sta	te ZIP Code
Signature		Date	Telo	ephone
Comments				
				Check here if attachments

OMB No. 1660-0008

Expiration Date: November 30, 2022

IMPORTANT: In these spaces, copy the c			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit	, Suite, and/or Bldg. No.)	or P.O. Route and Box No.	Policy Number:
2408 Coral Ct			
City	State	ZIP Code	Company NAIC Number
Indian Rocks Beach	FL	33785	
SEC	TION G - COMMUNITY	INFORMATION (OPTIONA	L)
The local official who is authorized by law o Sections A, B, C (or E), and G of this Elevat used in Items G8–G10. In Puerto Rico only,	ion Certificate. Complete	the community's floodplain the applicable item(s) and	management ordinance can complete sign below. Check the measurement
G1. The information in Section C was engineer, or architect who is authodata in the Comments area below	orized by law to certify ele	ntation that has been signe vation information. (Indicat	d and sealed by a licensed surveyor, e the source and date of the elevation
G2. A community official completed Se or Zone AO.	ection E for a building loca	ated in Zone A (without a Fl	EMA-issued or community-issued BFE)
G3. The following information (Items G	64–G10) is provided for co	ommunity floodplain manag	ement purposes.
G4. Permit Number	G5. Date Permit Issu	ued G6	Date Certificate of Compliance/Occupancy Issued
G7. This permit has been issued for:	New Construction	Substantial Improvement	
G8. Elevation of as-built lowest floor (included of the building:	ing basement)	[] f	eet meters Datum
G9. BFE or (in Zone AO) depth of flooding	at the building site:	f	eet meters Datum
G10. Community's design flood elevation:		f	eet meters Datum
Local Official's Name		Title	
Community Name		Telephone	
Signature		Date	
Comments (including type of equipment and	location, per C2(e), if app	olicable)	
			Check here if attachments.

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.

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

2408 Coral Ct

City

State

ZIP Code

Company NAIC Number

FL

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.

33785



Photo One Caption

ELEVATION CERTIFICATE

Indian Rocks Beach

Front View 12/08/2020



Photo Two Caption

Rear View 12/08/2020

OMB No. 1660-0008

ELEVATION CERTIFICATE	Continu	ation Page	Expiration Date: November 30, 2022
IMPORTANT: In these spaces, copy the corre	FOR INSURANCE COMPANY USE		
Building Street Address (including Apt., Unit, Su 2408 Coral Ct	Policy Number:		
City	State	ZIP Code	Company NAIC Number
Indian Rocks Beach	FL	33785	

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 One Caption

Garage Door Vent 12/08/2020

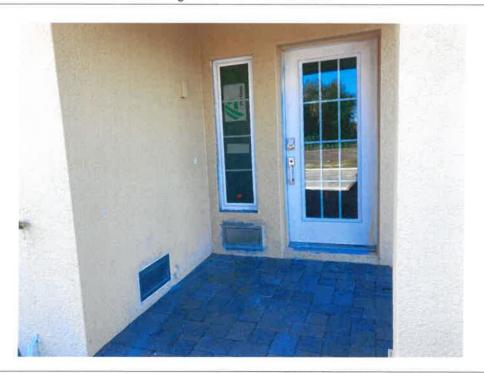


Photo Two Caption

Entryway Vents 12/08/2020

Continuation Page

OMB No. 1660-0008

Expiration Date: November 30, 2022

			Expiration Date. November 30, 2022
IMPORTANT: In these spaces, copy th	FOR INSURANCE COMPANY USE		
Building Street Address (including Apt., 2408 Coral Ct	Policy Number:		
City	State	ZIP Code	Company NAIC Number
Indian Rocks Beach	FL	33785	

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 One Caption

ELEVATION CERTIFICATE

Garage Wall Vent 12/08/2020



Photo Two Caption

Rear Vents 12/08/2020

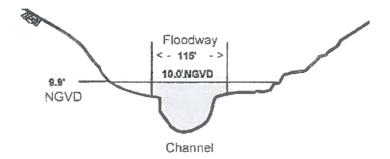


Figure 4-3: Representation of cross-section A of the Rocky River

The area of the floodway here is 1,233 square feet. This is the cross sectional area of the floodway below the elevation of the base flood at this location (the shaded area of Figure 4-3). It is used to determine water velocity. The average or mean velocity of the base flood in the floodway is 6.1 feet per second.

Of the last four columns under "Base Flood Water Surface Elevation," you should be concerned only with the first one, "Regulatory," which provides the regulatory flood elevation. This is equivalent to the 100-year flood elevation or BFE. The other columns depict the increase in water-surface elevation if the floodplain is encroached upon so that the water-surface elevation is increased no more than 1 foot. This amount of encroachment is used to define the floodway width. Notice that at no cross section is the increase more than 1.0 foot, in accordance with NFIP standards.

COASTAL AND LAKE ELEVATIONS

Coastal flood elevations. Table 4, *Transect Descriptions*, on page 12 in the FIS report for Flood County, shows the stillwater elevations and the maximum wave crest elevations of 100-year flood events along the coast.

Coastal regulatory flood elevations include the increase due to wave height. Therefore, use the BFE from the FIRM, not the stillwater elevations in the table.

The base flood elevations on the FIRM are rounded to the nearest foot, which means that if a base flood elevation was actually 8.3 feet, it would show as 8 feet on the FIRM. To correct for this, the recommended rule of thumb is to add 0.4 foot to the rounded BFE on the FIRM. This makes sure that the regulatory elevation you use will be high enough.

For the coast, use the base flood elevation from the FIRM (plus 0.4 foot), not the table.

Lake flood elevations. On inland lakes and reservoirs, the FIS generally does not include the effects of waves. For these areas, information on base flood elevations is contained in Section 3.0 of the FIS report, and data is presented in a table titled Summary of Stillwater Elevations. Note that in this table the BFE is shown to the nearest one-tenth



ICC-ES Report

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

ESR-2074

Reissued 02/2017 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.

430 ANDBRO DRIVE, UNIT 1 PITMAN, NEW JERSEY 08071

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



Look for the trusted marks of Conformity!

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



A Subsidiary of CODE COU



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.





Copyright $^{\circ}$ 2017 ICC Evaluation Service, LLC. All rights reserved.



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

1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2015, 2012, 2009 and 2006 *International Building Code*® (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

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 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 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.

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

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 ³ / ₄ " X 7 ³ / ₄ "	200
SmartVENT [®]	1540-510	15 ³ / ₄ " X 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

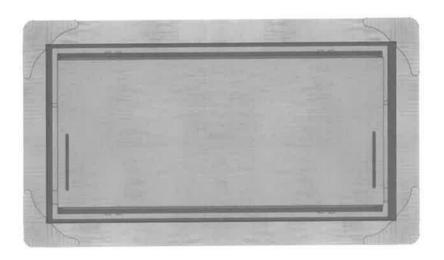


FIGURE 2—SMART VENT MODEL 1540-520



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



ICC-ES Evaluation Report

ESR-2074 CBC and CRC Supplement

Issued January 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; #1540-524; #1540-524; #1540-514

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 evaluation report ESR-2074, have also been evaluated for compliance with codes noted below.

Applicable code edition:

- 2016 California Building Code (CBC)
- 2016 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 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.

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

2.2 CRC:

The Smart Vent® 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.

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

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.





ICC-ES Evaluation Report

ESR-2074 FBC Supplement

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

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 Vent® Automatic Foundation Flood Vents, 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.

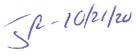
Use of the Smart Vent® Automatic Foundation Flood Vents has also been found to be in compliance with the High-Velocity Hurricane Zone provisions of the FBC and the FRC.

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 the Commission).

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



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



0020-037

OMB No. 1660-0008

Expiration Date: November 30, 202;

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

A1. Building O		ECTION A - PROPE	RTY INF	ORMATION		FOD 111	pany, and (3) building ow
Touler M.	wner's Name						SURANCE COMPANY U
A2 Puildin Od	rrison of Flo	rida Inc				Policy N	umber:
Box No.	eet Address ((including Apt., Unit, S	Suite, an	d/or Bldg. No.) or F	O.O. Route and		
2408 Cora	al Ct					Compan	y NAIC Number:
City				D4-4-			
Indian Ro				State FL		ZIP Code	
	at malan 100	and Block Numbers, cks Beach PB 144	(Pgs 23	cel Number, Legal	20-03727	33785	
A4. Building Us	∍ (e.g., Reside	ential, Non-Residentia	al Additi	On Accesson, etc.	20 00727		
A5. Latitude/Lor	igitude: Lat.	N27°54'24 2"	, riddig	on, Accessory, etc.	Residential		
A6. Attach at lea	est 2 photogra	11/27 54 24.2"	_ Long.	W82°50'47.4	" Horizontal Datum	: NAC	1927 X NAD 1983
	. 3	The of the building It	the Certi	ficate is being used	to obtain flood insura	nce.	
And Danding Dia	gram Number	1B					
A8. For a buildin	g with a crawl	space or enclosure(s):				
		vlspace or enclosure(704 sq ft			
				704 0911	within 1.0 foot above		
c) Total net a	area of flood c	ppenings in A8.b		ice or enclosure(s)	within 1.0 foot above	adjacent g	rade N/A
			N/A	sq in			
u) Engineere	ed flood openi	ngs? Yes X	No				
A9. For a building	with an attac	hed garage:					
			Α				
b) Number of	permanent fl	ood openings in the a	ttached	garage within 1 n f	ont above adiacont		
c) Total net a				5 5 - WKIMI 1.0 II	or apove adjacell all	ade	NI/A
, retained a	rea of flood o _f	penings in A9.b	N/A	sa in	oor above adjacent gra	ade	N/A
	rea of flood of	penings in A9.b	N/A	sq in	oot above adjacent gr	ade	N/A
d) Engineere	rea of flood of	penings in A9.b	N/A	sq in	oor above aujacem gra	ade	N/A
	rea of flood op	penings in A9.b	N/A No	_ sq in			N/A
d) Engineere	rea of flood op d flood openin SE	penings in A9.b	N/A No	sq in	(FIRM) INFORMATI		N/A
d) Engineered	rea of flood openin SE ity Name & C	penings in A9.b ags? Yes X CTION B – FLOOD ommunity Number	N/A No	sq in NCE RATE MAP B2. County Name	(FIRM) INFORMATI		
d) Engineered 31. NFIP Commun City of Indian	se of flood opening se	penings in A9.b gs? Yes X CTION B – FLOOD community Number ch 125117	N/A No	sq in	(FIRM) INFORMATI		N/A B3. State FL
d) Engineered 31. NFIP Commun City of Indian	rea of flood openin SE ity Name & C	penings in A9.b ags? Yes X CTION B – FLOOD ommunity Number	N/A No INSURA B7. F	sq in ANCE RATE MAP B2. County Name Pinellas Coulty IRM Panel ffective/	(FIRM) INFORMATI	ON B9. Bas	B3. State FL e Flood Elevation(s) e AO. use Base
d) Engineered 31. NFIP Commun City of Indian I. Map/Panel	se of flood opening se	penings in A9.b gs? Yes X CTION B – FLOOD ommunity Number ch 125117 B6. FIRM Index	N/A No INSURA B7. F	SQ in NOCE RATE MAP B2. County Name Pinellas Coult IRM Panel ffective/ evised Date	(FIRM) INFORMATION INTO INTO INTO INTO INTO INTO INTO	ON B9. Bas	B3. State FL se Flood Elevation(s) se AO, use Base d Depth)
d) Engineered 31. NFIP Commun City of Indian 4. Map/Panel Number 12103C0111	rea of flood opening SE ity Name & C Rocks Beach B5. Suffix	penings in A9.b gs? Yes X CTION B – FLOOD ommunity Number ch 125117 B6. FIRM Index Date 08/18/2009	N/A No INSURA B7. F E1 Re	B2. County Name Pinellas Coult IRM Panel ffective/ evised Date 09/03/2003	(FIRM) INFORMATION Unity B8. Flood Zone(s) AE	B9. Bas (Zor Floo	B3. State FL e Flood Elevation(s) e AO. use Base
d) Engineered 31. NFIP Commun City of Indian 4. Map/Panel Number 12103C0111	sea of flood opening SE ity Name & C Rocks Beach B5. Suffix G	penings in A9.b ags? Yes X CCTION B – FLOOD ommunity Number Ch 125117 B6. FIRM Index Date 08/18/2009 Base Flood Elevation (N/A No B7. F E1 R6	B2. County Name Pinellas Cou IRM Panel ffective/ evised Date 09/03/2003	(FIRM) INFORMATION INTO INTO INTO INTO INTO INTO INTO	B9. Bas (Zor Floo	B3. State FL se Flood Elevation(s) se AO, use Base d Depth)
d) Engineered 31. NFIP Commun City of Indian 4. Map/Panel Number 12103C0111 10. Indicate the s	sea of flood opening SE ity Name & C Rocks Beach B5. Suffix G	penings in A9.b ags? Yes X CCTION B – FLOOD ommunity Number Ch 125117 B6. FIRM Index Date 08/18/2009 Base Flood Elevation (N/A No B7. F E1 R6	B2. County Name Pinellas Cou IRM Panel ffective/ evised Date 09/03/2003	(FIRM) INFORMATION INTO INTO INTO INTO INTO INTO INTO	B9. Bas (Zor Floo	B3. State FL se Flood Elevation(s) se AO, use Base d Depth)
d) Engineered 31. NFIP Commun City of Indian I. Map/Panel Number 12103C0111 10. Indicate the s ☐ FIS Profile	sea of flood opening SE with Name & C Rocks Beach B5. Suffix G Surrey of the B	penings in A9.b ags? Yes X CCTION B – FLOOD community Number ch 125117 B6. FIRM Index Date 08/18/2009 Base Flood Elevation (Community Determ	N/A No B7. FER	B2. County Name Pinellas Cou IRM Panel ffective/ evised Date 09/03/2003 ata or base flood de	(FIRM) INFORMATION INTO INTO INTO INTO INTO INTO INTO	B9. Bas (Zor Floo	B3. State FL se Flood Elevation(s) se AO, use Base d Depth)
d) Engineered 31. NFIP Commun City of Indian 4. Map/Panel Number 12103C0111 10. Indicate the s	se of flood opening se of flood se of	penings in A9.b ags? Yes X CTION B – FLOOD community Number ch 125117 B6. FIRM Index Date 08/18/2009 Base Flood Elevation (Community Determined for BFE in Item B9	B7. F. Ef. Ref. (BFE) danined (St. MC):	B2. County Name Pinellas Cou IRM Panel ffective/ evised Date 09/03/2003 ata or base flood de COther/Source: S	(FIRM) INFORMATION Junty B8. Flood Zone(s) AE Popth entered in Item B8 SEE COMMENTS VD 1988 Other	B9. Bas (Zor Floc	B3. State FL se Flood Elevation(s) se AO, use Base d Depth) 11.4'
d) Engineered 31. NFIP Commun City of Indian 4. Map/Panel Number 12103C0111 10. Indicate the s	se of flood opening se of flood se of	penings in A9.b ags? Yes X CTION B – FLOOD community Number ch 125117 B6. FIRM Index Date 08/18/2009 Base Flood Elevation (Community Determined for BFE in Item B9	B7. F. Ef. Ref. (BFE) danined (St. MC):	B2. County Name Pinellas Cou IRM Panel ffective/ evised Date 09/03/2003 ata or base flood de COther/Source: S	(FIRM) INFORMATION Junty B8. Flood Zone(s) AE Popth entered in Item B8 SEE COMMENTS VD 1988 Other	B9. Bas (Zor Floc	B3. State FL se Flood Elevation(s) se AO, use Base d Depth) 11.4'
d) Engineered B1. NFIP Commun City of Indian 4. Map/Panel Number 12103C0111 110. Indicate the s	sea of flood opening SE ity Name & C Rocks Beach B5. Suffix G ource of the B FIRM [tion datum us located in a C	penings in A9.b ags? Yes X CTION B – FLOOD community Number ch 125117 B6. FIRM Index Date 08/18/2009 Base Flood Elevation (Community Determined for BFE in Item B9 Coastal Barrier Resources	B7. F. Ef. Ref. (BFE) danined (St. MC):	B2. County Name Pinellas Cou IRM Panel ffective/ evised Date 09/03/2003 ata or base flood de COther/Source: S	(FIRM) INFORMATION Junty B8. Flood Zone(s) AE Popth entered in Item B8 SEE COMMENTS VD 1988 Other	B9. Bas (Zor Floc	B3. State FL se Flood Elevation(s) se AO, use Base d Depth)

OMB No. 1660-0008

IMPORTANT: In these spaces, copy the corresponding information from Section A. Expiration Date: November 30, 2022 Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. FOR INSURANCE COMPANY USE 2408 Coral Ct Policy Number: City State ZIP Code Company NAIC Number Indian Rocks Beach FL 33785 SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED) C1. Building elevations are based on: Construction Drawings* X Building Under Construction* *A new Elevation Certificate will be required when construction of the building is complete. Finished Construction 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: Box in GI @ NE Com Lot 4 Elev = 4.01' 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. a) Top of bottom floor (including basement, crawlspace, or enclosure floor) ___ Check the measurement used. <u>5</u>. 6 X feet b) Top of the next higher floor meters 16 . 2 X feet c) Bottom of the lowest horizontal structural member (V Zones only) meters N/A . __ d) Attached garage (top of slab) feet meters N/A e) Lowest elevation of machinery or equipment servicing the building feet meters (Describe type of equipment and location in Comments) N/A feet meters f) Lowest adjacent (finished) grade next to building (LAG) 4.6 g) Highest adjacent (finished) grade next to building (HAG) X feet meters 5.1 h) Lowest adjacent grade at lowest elevation of deck or stairs, including X feet meters structural support N/A . feet meters SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001. Were latitude and longitude in Section A provided by a licensed land surveyor? X Check here if attachments. Certifier's Name License Number Scott R. Fowler LS5185 Catherine la Title Professional Surveyor and Mapper Company Name Landmark Engineering & Surveying Corp. Address 8515 Palm River Road City State ZIP Code Tampa LS5185 FL 33619 Signature Date Telephone 10-21.2020 813-621-7841 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) Not valid without the signature and original seal of a Florida Registered Surveyor and Mapper or Electronic equivalent. Date of Field Work: 08/18/2020. Latitude and Longitude obtained with a hand held GPS device. Attachment: Page 4-6 of "Managing Floodplain Development Through the National Flood Insurance Program" (Unit 4 Using NFIP Studies and Maps), which is the source of the Base Flood Elevation.

ELEVATION CERTIFICATE IMPORTANT: In these spaces, copy the corresponding information from Section A. OMB No. 1660-0008 Expiration Date: November 30, 202 Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. FOR INSURANCE COMPANY US Policy Number: City Indian Rocks Beach State ZIP Code Company NAIC Number FL 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, E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below crawlspace, or enclosure) is b) Top of bottom floor (including basement, 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), feet meters above or below the LAG. E3. Attached garage (top of slab) is feet meters above or below the HAG. E4. Top of platform of machinery and/or equipment feet meters above or below the HAG. servicing the building is 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 feet meters above or below the HAG. floodplain management ordinance? Yes No Unknown. The local official must certify this information in Section G. SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge. Property Owner or Owner's Authorized Representative's Name Address City State ZIP Code Signature Date Telephone Comments

Check here if attachments.

MPORTANT: In these spaces, copy the corresponding Information from Section A. Bulking Street Address (including Apt, Unit, Suite, and/or Bldg, No.) or P.O. Route and Box No. PORTUNATION OF PORTUNATIO	PURITY ON THE SPACES. C	Opv the correct		C	MB No. 1660-0008
City State ZIP Code	Building Street Address (including	Ant Unit Suit	on from Section A		xpiration Date: November 30
Indian Rocks Beach FL 33785 Company NAIC Number	2408 Coral Ct	No.)	or P.O. Route and Bo	F	OR INSURANCE COMPANY
SECTION G - COMMUNITY INFORMATION (OPTIONAL) The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can dust on its flower of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measure used in Items G8-G10. In Puerto Ricco only, enter meters. G1. The information in Section C was taken from other documentation that has been signed and sealed by a licensed sure engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation in the Community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued or Zone AO. G2. A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued or Zone AO. G3. The following information (Items G4-G10) is provided for community floodplain management purposes. G4. Permit Number G5. Date Permit Issued G6. Date Certificate of Compliance/Occupancy Issued G7. This permit has been issued for: New Construction Substantial Improvement G8. Elevation of as-built lowest floor (including basement) G9. BFE or (in Zone AO) depth of flooding at the building site: G9. Date meters Datum Title Telephone Telephone	1		and did bo.	X NO. P	olicy Number:
SECTION G - COMMUNITY INFORMATION (OPTIONAL) The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can cused in Items G8–G10. In Puerto Ricco only, enter meters. G1.	Indian Rocks Beach		ZIP Code		
The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can describe the second of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measure used in Items G8—G10. In Puerto Rico only, enter meters. G1. The information in Section C was taken from other documentation that has been signed and sealed by a licensed sure data in the Comments area below.) G2. A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued or Zone AO. G3. The following information (Items G4—G10) is provided for community floodplain management purposes. G4. Permit Number G5. Date Permit Issued G6. Date Certificate of Compliance/Occupancy Issued G7. This permit has been issued for: New Construction Substantial Improvement Elevation of as-built lowest floor (including basement) G7. This permit has been issued for (including basement) G8. Elevation of as-built lowest floor flooding at the building site: G8. Feet meters Datum G8. Datum G9. Community's design flood elevation: G9. Community's design flood elevation: G9. Community's design flood elevation: G9. Date G9. Dat		FL	00=-	C	ompany NAIC Number
used in Items G8–G10. In Puerto Ricco only, enter meters. Complete the applicable item(s) and sign below. Check the measure of complete the applicable item(s) and sign below. Check the measure of the information in Section C was taken from other documentation that has been signed and sealed by a licensed surface only, enter meters. G1. The information in Section C was taken from other documentation that has been signed and sealed by a licensed surface and date in the Comments area below.) G2. A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued or Zone AO. G3. The following information (Items G4–G10) is provided for community floodplain management purposes. G4. Permit Number G5. Date Permit Issued G6. Date Certificate of Compliance/Occupancy Issue G7. This permit has been issued for: New Construction Substantial Improvement of the building: BFE or (in Zone AO) depth of flooding at the building site: G6. Date Certificate of Compliance/Occupancy Issue Title Title Title Telephone	The local office is	SECTION G - COMMUNITY I	NEODANATIO		
Title mmunity Name Telephone nature Date	engineer, or architect who data in the Comments are engineer, or architect who data in the Comments are A community official comp or Zone AO. The following information (Permit Number This permit has been issued for: Elevation of as-built lowest floor (of the building: BFE or (in Zone AO) depth of floo	is Elevation Certificate. Complete to ico only, enter meters. In C was taken from other documents authorized by law to certify eleval below.) Ideted Section E for a building locate litems G4—G10) is provided for com G5. Date Permit Issued In C was taken from other documents authorized by law to certify eleval below.) In C was taken from other documents authorized by law to certify eleval	the community's floodpithe applicable item(s) a tation that has been signation information. (Indication information without a simulation information information information information.	lain manage and sign below gned and segment source the source feet feet met met	raled by a licensed surveyor, lice and date of the elevation led or community-issued BFE) rposes. ertificate of ance/Occupancy Issued leters Datum
mmunity Name Telephone nature Date	l Official's Name			eet 🗌 mete	ers Datum
Telephone nature Date	munity Name				
nature Date		Tel	enhone		
Date	ture		-hunie		
nments (including type of equipment and location, per C2(e), if applicable)		5			
nments (including type of equipment and location, per C2(e), if applicable)		Date	9		
gradient deallon, per C2(e), if applicable)	ents (including type of equipment a	nd location			
	, F. Sill a	is location, per C2(e), if applicable)		
			51		
					1
					1
					1
					T
					5 k

Check here if attachments.

OMB No. 1660-0008 Expiration Date: November 30, 20

ELEVATION CERTIFICATE See Instructions for Item A6. IMPORTANT: In these spaces, copy the corresponding information from Section A.

FOR INSURANCE COMPANY US

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

Policy Number:

City

Indian Rocks Beach

ZIP Code FL

Company NAIC Number

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



Photo One Caption

Front View 08/18/2020



Photo Two Caption

Rear View 08/18/2020

FEMA Form 086-0-33 (12/19)

Replaces all previous editions.

Form Page 5 of 6

Continuation Page

OMB No. 1660-0008

Expiration Date: November 30, 2022

		Expiration Date: November 30, 2022					
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. 2408 Coral Ct							
State FL	ZIP Code 33785	Company NAIC Number					
	e corresponding informat Unit, Suite, and/or Bldg. No.	Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. State 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 One Caption

ELEVATION CERTIFICATE

Right Side View 08/18/2020



Photo Two Caption

Left Side View 08/18/2020

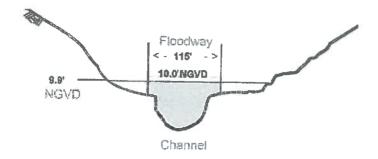


Figure 4-3: Representation of cross-section A of the Rocky River

The area of the floodway here is 1,233 square feet. This is the cross sectional area of the floodway below the elevation of the base flood at this location (the shaded area of Figure 4-3). It is used to determine water velocity. The average or mean velocity of the base flood in the floodway is 6.1 feet per second.

Of the last four columns under "Base Flood Water Surface Elevation," you should be concerned only with the first one, "Regulatory," which provides the regulatory flood elevation. This is equivalent to the 100-year flood elevation or BFE. The other columns depict the increase in water-surface elevation if the floodplain is encroached upon so that the water-surface elevation is increased no more than 1 foot. This amount of encroachment is used to define the floodway width. Notice that at no cross section is the increase more than 1.0 foot, in accordance with NFIP standards.

COASTAL AND LAKE ELEVATIONS

Coastal flood elevations. Table 4, Transect Descriptions, on page 12 in the FIS report for Flood County, shows the stillwater elevations and the maximum wave crest elevations of 100-year flood events along the coast.

Coastal regulatory flood elevations include the increase due to wave height. Therefore, use the BFE from the FIRM, not the stillwater elevations in the table.

The base flood elevations on the FIRM are rounded to the nearest foot, which means that if a base flood elevation was actually 8.3 feet, it would show as 8 feet on the FIRM. To correct for this, the recommended rule of thumb is to add 0.4 foot to the rounded BFE on the FIRM. This makes sure that the regulatory elevation you use will be high enough.

For the coast, use the base flood elevation from the FIRM (plus 0.4 foot), not the table.

Lake flood elevations. On inland lakes and reservoirs, the FIS generally does not include the effects of waves. For these areas, information on base flood elevations is contained in Section 3.0 of the FIS report, and data is presented in a table titled Summary of Stillwater Elevations. Note that in this table the BFE is shown to the nearest one-tenth

& AS-BUILT SURVEY BOUNDARY

DESCRIPTION: LOT 1, WALK AT INDIAN ROCK BEACH AS RECORDED IN PLAT BOOK 144, PAGES 23 - 24, OF THE PUBLIC RECORDS OF PINELLAS COUNTY, FLORIDA.

1, WALK AT INDIAN ROCKS

THE PROPERTY DESCRIBED HEREON IS LOCATED IN FLOOD ZONE, "AE,"
(BASE FLOOD ELEV.= 11' [NAVD 88])
PER FLOOD INSURANCE RATE MAP
NUMBER 12103C 0111G, EFFECTIVE
DATE SEPTEMBER 03, 2003. COMMUNITY
No. 125117C PANEL 0111 G.

BASIS OF BEARINGS:
THE NORTHERLY BOUNDARY
LINE OF LOT 4
BEARS S.80°24'10"E. PER
THE RECORDED PLAT.

2csje: 1, = 50,

Acr 16. B

25TH AVENUE N 50.00' PUBLIC R/W - NOT PART OF THIS PLAT

20' Asphalt

WEZEN "D" TAATT

57.83

S80'24'10"E

7.0'-

THE NORTHERLY BOUNDARY LINE OF LOTA

CORAL COURT Asphalt Varies Conc. CI 45.52' (P)

SEE DETAIL "A" 5.00' Property 25.00'

N09.32,20,E 52.00,

DRAINAGE / RETENTION / COMMON AREA

Clound) at R/W 20' Pavers 78 8156 10.01

Three Story Masonry
and Wood Frame House
Lowest Floor Ling
Elev.= 16.53
Paver

1107

7.0.

7.0° x 20.0° Paver Lanai

(S)N80°24'10"(E)W 60.00'

DETAIL "B"

Roof Drair Cleanout 18/4

COMMON AREA 4' x 14.2' Elevated AVC Pad -Elev.= 14.00'

TRACT "A" DRAINAGE / RETENTION / C

24'10"W

= WATER METER = WATER VALVE = FIRE HYDRANT = HUB & TACK SET

⊠∑◊-◁◀♡

8' Utility Semegit (P) 101 3.53' (P)

10' Uninty Easement (O R Book 16425, Page 115) Ingress/Egress, Uninty Easement (O.R Book 17228, Page 383)

2101

1107

DETAIL "A"

VERTICAL DATUM NOTE: THE ELEVATIONS SHOWN HEREON ARE REFERENCED TO NAVD 1988.

Total Lot Area in Square Feet ±

: TaylorMorrison

0

Certified

Survey

This

//lescnas.lesc.local/BuilderWork/2020/6_Final/22028078-1-WalkAtIndianRocksBeach.dwg -- 1/7/2021 12:20:51 PM

CURVE TABLE

slta Arc/Length Chord Chord Bearin

1154" 10.49 10.41 S02°25'07"E

Live # Radius C1 25.00'

OWCRETE MONCH.

ON PIPE
TIRON ROD LB 3913
OTHERWISE NOTED)

Engineering & Surveying Corporation

Grading page.: 7

SURVEYORS CERTIFICATE
The survey represented hereon conforms to the requirements of Chapte
5J-17, Florida Administrative Code in effect on the Survey Date shown.

Ck'd Order No. BDD 22019876

Dwn.

I S I Date

2

Description Lot & Building Stake Form Board Tie-In

Tampa, Florida 33619 (813) 664-1832 (fax)

L.B. # 3913 8515 Palm River Road (813) 621-7841

March 24, 2020 Client No: 2012 Checked: CJA Current No: 22028078

Original No.:

Drawn: C. Zang

12

8/21/20

SCOTT R. FORLER DATE SIGNAL FILE SIGNAL FLORIDA REGISTERED LAND SURVEYOR NO. 5 SURVEY Date: 12/08/2020

7/2021

5185

lat page :: a