UNIN-0373

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 INFORMATION						FOR INSU	RANCE COMPANY USE		
A1. Building Owner's Name Taylor Morrison of Florida Inc						Policy Nun	nber:		
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 2412 Coral Ct							NAIC Number:		
City									
Indian Rocks	Beach			FL		33785			
		nd Block Numbers, Tax s Beach PB 144 (Pg		•					
A4. Building Use (	e.g., Residen	tial, Non-Residential, A	dditior	n, Accessory, etc.)	Residential - Uni	in Attache	ed Townhome		
		N27°54'23.6"					1927 🔀 NAD 1983		
		ns of the building if the				ance.	_		
A7. Building Diagr	am Number	7							
A8. For a building	with a crawls	pace or enclosure(s):							
a) Square foo	tage of crawls	space or enclosure(s)		704 sq ft					
b) Number of	permanent flo	od openings in the cra	wlspad	e or enclosure(s) w	rithin 1.0 foot above	adjacent gr	ade 8		
		enings in A8.b 17		sq in					
d) Engineered	I flood opening	gs? 🛛 Yes 🗌 No	)						
A9. For a building	with an attach	ed garage:							
a) Square foo	tage of attach	ed garage N/A		sq ft					
		od openings in the atta		aarage within 1.0 fo	ot above adiacent o	rade	N/A		
			/A	sq in			14/74		
d) Engineered									
dy Engineered	nood opening	jo: Tes N	,				į		
	SE	CTION B - FLOOD IN	ISURA	NCE RATE MAP	(FIRM) INFORMA	TION			
B1. NFIP Commun	ity Name & Co	ommunity Number		B2. County Name			B3. State		
City of Indian	Rocks Beac	h 125117C		Pinellas Cou	ınty		FL		
B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	E.	IRM Panel ffective/ evised Date	B8. Flood Zone(s)	(Zoi	se Flood Elevation(s) ne AO, use Base od Depth)		
12103C0111	G	08/18/2009		09/03/2003	AE		11.4'		
R10 Indicate the s	ourse of the F	Base Flood Elevation (E		-t b flood do	made and an elimitation	D0			
		Community Determ							
B11. Indicate eleva	ation datum us	sed for BFE in Item B9:	N	- GVD 1929 🔀 NA	.VD 1988	er/Source:			
B12. Is the building	g located in a	Coastal Barrier Resoul	ces Sv	/stem (CBRS) area	or Otherwise Protein	cted Area (C	PA)? Tyes V No		
Designation I			BRS	☐ OPA					
			2110						

## **ELEVATION CERTIFICATE**

OMB No. 1660-0008

Expiration Date: November 30, 2022

IMPORTANT: In these spaces, copy the corresponding information from Sec	FOR INSURANCE COMPANY USE				
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Rou	Policy Number:				
2412 Coral Ct					
	Code	Company NAIC Number			
SECTION C - BUILDING ELEVATION INFORMAT	ION (SURVEY RE	EQUIRED)			
_	ding Under Constru	ction* X Finished Construction			
*A new Elevation Certificate will be required when construction of the buildin					
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	N.				
☐ NGVD 1929 🔀 NAVD 1988 ☐ Other/Source:					
Datum used for building elevations must be the same as that used for the B	FE.	Oh oak the			
a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	5 8	Check the measurement used.			
b) Top of the next higher floor	16 5				
c) Bottom of the lowest horizontal structural member (V Zones only)					
d) Attached garage (top of slab)	N/A				
	N/A				
<ul> <li>e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)</li> </ul>	14 . 0	X feet  meters			
f) Lowest adjacent (finished) grade next to building (LAG)	5.1	X feet			
g) Highest adjacent (finished) grade next to building (HAG)	<u> </u>	X feet			
<ul> <li>h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support</li> </ul>	N/A	feet			
SECTION D - SURVEYOR, ENGINEER, OR ARC	HITECT CERTIFIC	CATION			
This certification is to be signed and sealed by a land surveyor, engineer, or arch	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. Lunderstand that any false				
Were latitude and longitude in Section A provided by a licensed land surveyor?		★ Check here if attachments.			
Certifier's Name License Number					
Scott R. Fowler LS5185		) Du			
Title		C K Chans and			
Professional Surveyor and Mapper		1 Notes			
Company Name		CXT			
Landmark Engineering & Surveying Corp. Address		-   \nd \			
8515 Palm River Road		8 ,			
City State	ZIP Code	155185 1/7/2021			
Tampa FL	33619	LS5185			
Signature Date	Telephone				
pott 1 2021	813-621-7841				
Copy all pages of this Elevation Certificate and all attachments for (1) community offi	cial, (2) insurance a	gent/company, and (3) building owner.			
Comments (including type of equipment and location, per C2(e), if applicable)  Not valid without the original signature and seal of a Florida Registered Surveyor and Mapper or Electronic equivalent. Date of Field Work: 12/08/2020. Latitude and Longitude obtained with a hand held GPS device. The equipment referenced in C2e is the air conditioner, located outside the structure, along the left side wall. The total net area of flood openings in A8c is calculated as follows: 3 Smart Vent Insulated Flood Vents (model 1540-520) in the enclosure walls each certified to handle 200 square feet, 3 non engineered vents in an enclosure wall each measuring 16" x 16.5" and 2 Smart Vent Insulated Flood Vents (model 1540-524) in the enclosure overhead door each certified to handle 200 square feet. Attachment: ICC-ES Elevation Report ESR-2074. 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**

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. Policy Number: 2412 Coral Ct City State ZIP Code Company NAIC Number Indian Rocks Beach FΙ 33785 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. crawlspace, or enclosure) is feet meters above or below the HAG. b) Top of bottom floor (including basement, crawlspace, or enclosure) is feet meters above or below the LAG. 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 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 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 Address City State ZIP Code Signature Date Telephone Comments

Check here if attachments.

## **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. Policy Number: 2412 Coral Ct City State ZIP Code Company NAIC Number Indian Rocks Beach FL 33785 SECTION G - COMMUNITY INFORMATION (OPTIONAL) The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8-G10. In Puerto Rico only, enter meters. G1. The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.) A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) G2. or Zone AO. The following information (Items G4–G10) is provided for community floodplain management purposes. G3. 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) 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: feet meters Datum Local Official's Name Title Community Name Telephone Signature Date Comments (including type of equipment and location, per C2(e), if applicable)

Check here if attachments.

See Instructions for Item A6.

OMB No. 1660-0008

**ELEVATION CERTIFICATE** 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. FOR INSURANCE COMPANY USE Policy Number: 2412 Coral Ct City State ZIP Code Company NAIC Number Indian Rocks Beach FL 33785

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 Caption

Front View 12/08/2020



Photo Two Caption

Rear View 12/08/2020

Continuation Page

OMB No. 1660-0008

Expiration Date: November 30, 2022

**ELEVATION CERTIFICATE** 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. Policy Number: 2412 Coral Ct 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

**ELEVATION CERTIFICATE** 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. Policy Number: 2412 Coral Ct 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 Wall Vent 12/08/2020



Photo Two Caption

Rear Vents 12/08/2020

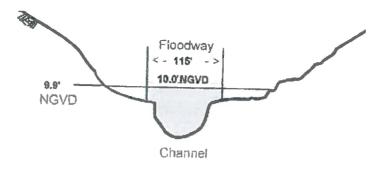


Figure 4-3: Representation of cross-section A of the Rocky River

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**

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**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



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# **ICC-ES Evaluation Report**

**ESR-2074** 

Reissued February 2017

This report is subject to renewal February 2019.

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A Subsidiary of the International Code Council®

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)<sup>†</sup>

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

## Properties evaluated:

- Physical operation
- Water flow

## 2.0 USES

The Smart Vent® 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

## 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 mm<sup>2</sup>) 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 Stacking Model #1540-511 FloodVENT® Stacking Model #1540-521 must be installed with a minimum of one FV for 400 square feet (37.2 m<sup>2</sup>) 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 <sup>3</sup> / <sub>4</sub> " X 7 <sup>3</sup> / <sub>4</sub> "	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 <sup>®</sup> 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 =  $m^2$ 

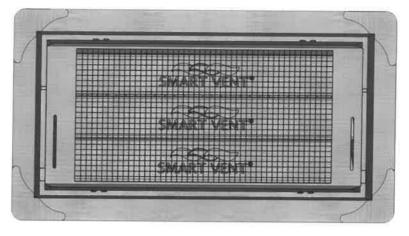


FIGURE 1-SMART VENT: MODEL 1540-510

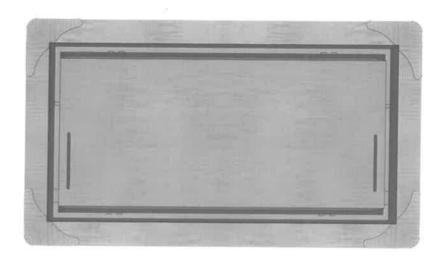


FIGURE 2—SMART VENT MODEL 1540-520



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.

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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:

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.

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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:

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<sup>®</sup> 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*<sup>®</sup> provisions noted in the master report.

Use of the Smart Vent<sup>®</sup> 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

Sp-10/21/20 COW, 05/3

Expiration Date: November 30, 2022

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

	S	ECTION A - PROPE	RTY INFORMATION	, man, (=) modrance	agent/company, and (3) building own
A I. Building (	Owner's Name				FOR INSURANCE COMPANY U
A2 Building S	orrison of Flo	orida Inc			Policy Number:
Box No.	ureet Address	(including Apt., Unit,	Suite, and/or Bldg. No.)	) or P.O. Route and	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and 2412 Coral Ct			Company NAIC Number:		
City			State		
Indian Ro	cks Beach				ZIP Code
		THE BOUGH FB 144	, Tax Parcel Number, Lo	CD20 02704	33785
A4. Building Us	se (e.g., Resid	lential, Non-Residenti	al, Addition, Accessory,		
A5. Latitude/Lo	ngitude: Lat.	N27°54'24.2"	Long Accessory,		
			Long. W82°50'4	17.4 " Horizontal Datur	n: NAD 1927 X NAD 1983
A7. Building Dia	aram Number	apris of the building if	the Certificate is being	used to obtain flood insura	ance.
	B. a.r. reallibel	1B		•	
a) Square	ig with a craw	Ispace or enclosure(s	s):		
a) Square	ootage of crav	vlspace or enclosure(	(s) 704	sq ft	
b) Number	of permanent	flood openings in the	crawlspace or enclosur	re(s) within 1.0 foot above	
c) Total net	area of flood	openings in A8.b	N/A sqin	1.0 foot above	adjacent gradeN/A
	ed flood openi				
A9. For a building	g with an attac	ched garage.			
	otage of attac	hed garage			
		hed garageN			
b) Number o	f permanent fl	lood openings in the a		1.0 foot above adjacent or	ade Al/A
b) Number o	f permanent fl	lood openings in the a	attached garage within 1	1.0 foot above adjacent gr	adeN/A
b) Number o	of permanent fl area of flood o	penings in the a	attached garage within 1	1.0 foot above adjacent gr	adeN/A
<ul><li>b) Number o</li><li>c) Total net a</li></ul>	f permanent fl	lood openings in the a	attached garage within 1	1.0 foot above adjacent gr	adeN/A
<ul><li>b) Number of the control of</li></ul>	of permanent flood of the flood of the flood opening SE	penings in the appenings in A9.b	attached garage within 1  N/A sq in  No		
b) Number of c) Total net and Engineere	of permanent flore of flood of flood opening of flood opening of the second opening of the second opening of the second opening openin	penings in the appenings in A9.b  ngs? Yes X  CTION B – FLOOD	attached garage within 1  N/A sq in  No  INSURANCE RATE N	MAP (FIRM) INFORMAT	
<ul><li>b) Number of the control of</li></ul>	of permanent flore of flood of flood opening of flood opening of the second opening of the second opening of the second opening openin	penings in the appenings in A9.b  ngs? Yes X  CTION B – FLOOD	attached garage within 1  N/A sq in  No  INSURANCE RATE N  B2. County N	//AP (FIRM) INFORMAT	
b) Number of c) Total net and Engineere  31. NFIP Communication City of Indian	of permanent flarea of flood of the flood opening of flood opening of the flood opening of the flood opening opening of the flood opening opening opening of the flood opening	penings in the appenings in A9.b  ngs? Yes X  CCTION B – FLOOD  community Number  ch 125117C	attached garage within 1  N/A sq in  No  INSURANCE RATE N  B2. County N  Pinellas	//AP (FIRM) INFORMAT	ION
b) Number of c) Total net and Engineere  d) Engineere  31. NFIP Communication of Indian	of permanent flore of flood of flood opening of flood opening of the second opening of the second opening of the second opening openin	penings in the appenings in A9.b  ngs? Yes X  CTION B – FLOOD  community Number	N/A sq in  NO  INSURANCE RATE N  B2. County N  Pinellas  B7. FIRM Panel  Effective/	//AP (FIRM) INFORMAT	B3. State FL  B9. Base Flood Flevation(s)
b) Number of c) Total net and Engineered  31. NFIP Communication of Indian Number	of permanent flarea of flood of the flood opening of flood opening of the flood opening opening of the flood opening opening of the flood opening o	penings in the appenings in A9.b  ngs? Yes X  CCTION B – FLOOD  community Number  ch 125117C  B6. FIRM Index Date	attached garage within 1  N/A sq in  No  INSURANCE RATE N  B2. County N  Pinellas  B7. FIRM Panel  Effective/  Revised Date	MAP (FIRM) INFORMAT lame County	B3. State  FL  B9. Base Flood Elevation(s) (Zone AO, use Base
b) Number of c) Total net and Engineere  31. NFIP Communication City of Indian	of permanent flarea of flood of the flood opening of flood opening of the flood opening of the flood opening opening of the flood opening opening opening of the flood opening	penings in the appenings in A9.b  ngs? Yes X  CCTION B – FLOOD  community Number  ch 125117C  B6. FIRM Index	N/A sq in  NO  INSURANCE RATE N  B2. County N  Pinellas  B7. FIRM Panel  Effective/	MAP (FIRM) INFORMAT lame County	B3. State FL  B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth)
b) Number of c) Total net and Engineered and Engine	of permanent flarea of flood of the flood opening of flood opening of flood opening of flood opening of flood opening opening of flood opening	penings in the appenings in A9.b  ngs? Yes X  CCTION B – FLOOD  community Number Ch 125117C  B6. FIRM Index Date  08/18/2009	INSURANCE RATE N  B2. County N Pinellas  B7. FIRM Panel Effective/ Revised Date 09/03/2003	MAP (FIRM) INFORMATION  Jame  County  B8. Flood Zone(s)  AE	B3. State FL  B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth)
b) Number of c) Total net and Engineered and Engine	of permanent flarea of flood of the defendence of flood opening the second seco	penings in the appenings in A9.b  pgs? Yes X  CCTION B – FLOOD  community Number  ch 125117C  B6. FIRM Index Date  08/18/2009	INSURANCE RATE N  B2. County N Pinellas  B7. FIRM Panel Effective/ Revised Date 09/03/2003	MAP (FIRM) INFORMATION  Jame County  B8. Flood Zone(s)  AE	B3. State FL  B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth)
b) Number of c) Total net and d) Engineered B1. NFIP Commun City of Indian Number 12103C0111  10. Indicate the series of the ser	of permanent flarea of flood of the flood opening of flood opening of flood opening of flood opening o	penings in the appenings in A9.b  pgs? Yes X  CCTION B – FLOOD  community Number  ch 125117C  B6. FIRM Index Date  08/18/2009  Base Flood Elevation ( Community Determ	Attached garage within 1  N/A sq in  No  INSURANCE RATE N  B2. County N  Pinellas  B7. FIRM Panel  Effective/ Revised Date  09/03/2003  (BFE) data or base floor	MAP (FIRM) INFORMATION  Jame County  B8. Flood Zone(s)  AE  d depth entered in Item B8 e: SEE COMMENTS	B3. State FL  B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth)
b) Number of c) Total net and Engineered  31. NFIP Communication City of Indian Number  12103C0111  10. Indicate the second in the control of	of permanent flarea of flood of the flood opening of flood opening of flood opening of flood opening o	penings in the appenings in A9.b  pgs? Yes X  CCTION B – FLOOD  community Number  ch 125117C  B6. FIRM Index Date  08/18/2009  Base Flood Elevation ( Community Determ	Attached garage within 1  N/A sq in  No  INSURANCE RATE N  B2. County N  Pinellas  B7. FIRM Panel  Effective/ Revised Date  09/03/2003  (BFE) data or base floor	MAP (FIRM) INFORMATION  Jame County  B8. Flood Zone(s)  AE  d depth entered in Item B9 e: SEE COMMENTS	B3. State FL  B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) 11.4'
b) Number of c) Total net and and Engineered and En	of permanent flarea of flood of area of flood opening the second	penings in the appenings in A9.b  ngs? Yes X  CCTION B – FLOOD  community Number  ch 125117C  B6. FIRM Index Date  08/18/2009  Base Flood Elevation ( Community Determined for BFE in Item B9	Attached garage within 1  N/A sq in  No  INSURANCE RATE N  B2. County N  Pinellas  B7. FIRM Panel Effective/ Revised Date 09/03/2003  (BFE) data or base floor nined X Other/Source  D: NGVD 1929 X	MAP (FIRM) INFORMATION  Jame County  B8. Flood Zone(s)  AE  d depth entered in Item B9 e: SEE COMMENTS	B3. State FL  B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) 11.4'
b) Number of c) Total net at d) Engineered  B1. NFIP Communication of Indian Aumber  12103C0111  B10. Indicate the series of Indicate the series of Indicate elevants. Indicate elevants. In Indicate building	of permanent flarea of flood of area of flood opening the second	penings in the appenings in A9.b  penings in A9.b  perings in A9.b  Pering	Attached garage within 1  N/A sq in  No  INSURANCE RATE N  B2. County N  Pinellas  B7. FIRM Panel Effective/ Revised Date 09/03/2003  (BFE) data or base floor nined X Other/Source  D: NGVD 1929 X	MAP (FIRM) INFORMATION  Jame County  B8. Flood Zone(s)  AE  d depth entered in Item B9 e: SEE COMMENTS	B3. State FL  B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) 11.4'
b) Number of c) Total net at d) Engineered  B1. NFIP Communication of Indian August 12103C0111  B10. Indicate the sign of FIS Profile 11. Indicate elevations	of permanent flarea of flood of area of flood opening the second	penings in the appenings in A9.b  pgs? Yes X  CCTION B – FLOOD  community Number Ch 125117C  B6. FIRM Index Date  08/18/2009  Base Flood Elevation (Community Determined for BFE in Item B9)	Attached garage within 1  N/A sq in  No  INSURANCE RATE N  B2. County N  Pinellas  B7. FIRM Panel Effective/ Revised Date 09/03/2003  (BFE) data or base floor nined X Other/Source  D: NGVD 1929 X	MAP (FIRM) INFORMATION  Jame County  B8. Flood Zone(s)  AE  d depth entered in Item B9 e: SEE COMMENTS	B3. State FL  B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) 11.4'

# ELEVATION CERTIFICATE

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 Policy Number:

2412 Coral Ct	Suite, and/or Bldg. No.) or	P.O. Route and Box No.	Policy Number:
Indian Rocks Beach	State	ZIP Code	Company NAIC Number
	FL	33785	1
SECTION C - BU	ILDING ELEVATION IN	FORMATION (SURVEY F	PEOUIPED
I THE VALUE CENTICATE WILL BE FORM:	if . t	Building Under Constr  the building is complete.	uction*
C2. Elevations – Zones A1–A30, AE, AH, A Complete Items C2.a–h below according Benchmark Utilized: Box in GL@ NE Core In	(with BFE), VE, V1-V30, \	/ (with BFF) AR AR(A AR	VAF AF
Complete Items C2.a-h below according Benchmark Utilized: Box in GI @ NE Corn Lo	to the building diagram s	pecified in Item A7. In Puer	to Rico only, enter motors
Indicate elevation datum used for the ele	Vertical	Datum: NAVD 1988	only, enter meters.
☐ NGVD 1929 ☒ NAVD 1988	Valions in items a) through	h) below.	
Datum used for building elevations must l	be the same as that used		
a) Top of bottom floor (in al. ii	and dame as that used t	for the BFE.	Chl-#
a) Top of bottom floor (including baseme     b) Top of the next higher floor	nt, crawlspace, or enclosu	re floor)5. 6	Check the measurement used
The make mighter moof			
Bottom of the lowest horizontal structul	ral member (V Zones only		
(top of slab)		h.//a	
e) Lowest elevation of machinery or equip (Describe type of equipment and location)	oment servicing the building	N/A	feet meters
		g <u>N/A</u> .	feet meters
f) Lowest adjacent (finished) grade next to	o building (LAG)	4.6	X feet  meters
g) Highest adjacent (finished) grade next t	to building (HAG)		
h) Lowest adjacent grade at lowest elevati structural support	ion of deck or stairs, includ	dingN/A .	
		R ARCHITECT CERTIFIC	
This certification is to be signed and sealed by a certify that the information on this Certificate restatement may be punishable by fine or imprisor. Were latitude and longitude in Section A provide Certifier's Name Scott R. Fowler Title Professional Surveyor and Mapper	nment under 18 U.S. Code d by a licensed land surve  License Numbe  LS5185	eyor? X Yes No	Check here if attachments.  Check here if attachments.
ompany Name			2 Drug
andmark Engineering & Surveying Corp.			
udress			
515 Palm River Road ty			W
ampa	State	ZIP Code	1 , ,
gnature	FL	33619	LS5185 /N21/2020
2 HB-	Date	Telephone	1991000
Py all pages of this Flovetier Outs	10.21.2020	813-621-7841	
py all pages of this Elevation Certificate and all att mments (including type of equipment and location t valid without the pignet.	tachments for (1) communit	y official, (2) insurance agen	t/company and (a) but it
of valid without the signature and original se te of Field Work: 08/18/2020. Latitude and	Longitude obtained	ed Surveyor and Mapper	or Electronic equivalent
te of Field Work: 08/18/2020. Latitude and anaging Floodplain Development Through to ps), which is the source of the Base Flood	the National Flood Insur Elevation.	n a hand held GPS devid rance Program" (Unit 4 L	ce. Attachment: Page 4-6 of Ising NFIP Studies and
Form 086-0-33 (12/19)			

IMPORTANT: In these spaces, copy the corresponding Building Street Address (including Apt., Unit, Suite, and/or 2412 Coral Ct City Stat Indian Rocks Beach FL	information from Section A.  Bldg. No.) or P.O. Route and Box No.  Expiration Date: N FOR INSURANC Policy Number:	5.001 = 30, 202
2412 Coral Ct  City  Indian Rocks Beach  Stat	Bldg. No ) or P O Pouts - I D	
City Stat Indian Rocks Beach FI	y tumber.	E COMPANY US
molan Rocks Beach FI		
	Company NAIC N	umbor
SECTION E - BUILDING ELEV	33785	difficel
FOR ZONE AC	33785 ATION INFORMATION (SURVEY NOT REQUIRED) D AND ZONE A (WITHOUT BFE)	
complete Sections A, B,and C. For Items E1–E5 enter meters.	. If the Certificate is intended to support a LOMA or LOMR-F	request.
<ol> <li>Provide elevation information for the following and chec the highest adjacent grade (HAG) and the lowest adjac</li> <li>Top of bottom floor (including basement, crawlspace, or enclosure) is</li> </ol>	ck the appropriate boxes to show whether the elevation is abound grade (LAG).	o Rico only,
<ul> <li>fop of bottom floor (including basement, crawlspace, or enclosure) is</li> </ul>		below the HAG.
<ol> <li>For Building Diagrams 6–9 with permanent flood openin the next higher floor (elevation C2.b in the diagrams) of the building is</li> </ol>	gs provided in Section A Items 8 and/or 9 (see pages 1–2 of	below the LAG.
3. Attached garage (top of slab) is	feet meters above or t	
Top of platform of machinery and/or equipment servicing the building is		pelow the HAG.
. Zone AO only: If no flood depth number is available, is th floodplain management ordinance? Yes No	e top of the bottom floor elevated in accordance with the com  Unknown. The local official must certify this information.	elow the HAG.
SECTION F - PROPERTY OWNER (O	and the state of t	in Section G.
property owner or owner's authorized representative who	CONTROL OF THE PRESENTATIVE) CERTIFICATION	
perty Owner or Owner's Authorized Representative's Name	completes Sections A, B, and E for Zone A (without a FEMA- ements in Sections A, B, and E are correct to the best of my k	issued or nowledge.
ress		
nature	City State ZIF	<sup>2</sup> Code
	Date Telephone	
ments		

Check here if attachments.

**ELEVATION CERTIFICATE** 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 Policy Number: City State Indian Rocks Beach ZIP Code Company NAIC Number FL 33785 SECTION G - COMMUNITY INFORMATION (OPTIONAL) 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 The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) 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) 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: feet meters Local Official's Name Datum Title Community Name Telephone Signature Date Comments (including type of equipment and location, per C2(e), if applicable)

Check here if attachments.

OMB No. 1660-0008

See Instructions for Item A6. 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. Policy Number: 2412 Coral Ct City State ZIP Code Company NAIC Number Indian Rocks Beach FL 33785

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 Caption

**ELEVATION CERTIFICATE** 

Front View 08/18/2020



Photo Two Caption

Rear View 08/18/2020

**ELEVATION CERTIFICATE** 

Continuation Page

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.  2412 Coral Ct  City	City Indian Rocks Beach	State FL	ZIP Code 33785	Company NAIC Number
The formation from Section A. FOR INSURANCE COMPANY USE	Building Street Address (including Apt., 2412 Coral Ct	Unit, Suite, and/or Bldg. No.	) or P.O. Route and Box No.	
IMPORTANT, In these areas and the second sec	MPORTANT: In these spaces, copy th	FOR INSURANCE COMPANY USE		

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

Right Side View 08/18/2020



Photo Two Caption

Left Side View 08/18/2020

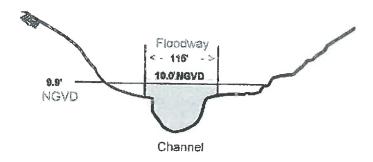


Figure 4-3: Representation of cross-section A of the Rocky Rive?

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

DESCRIPTION: LOT 3, WALK AT INDIAN ROCKS BEACH AS RECORDED IN PLAT BOOK 144, PAGES 23 - 24, OF THE PUBLIC RECORDS OF PINELLAS

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. THE PROPERTY DESCRIBED HEREON

2csje: 1" = 20" BASIS OF BEARINGS: THE NORTHERLY BOUNDARY LINE OF LOT 4 BEARS S.80°24'10"E. PER THE RECORDED PLAT. NA VAIN

 $25TH\ AVENUE\ N$ 50.00' PUBLIC R/W - NOT PART OF THIS PLAT 20' Asphalt

Elevated A/C par Flevated A/C par THE NORTHERLY BOUNDARY
TIME OF LOTA S80"24"10"E 8' Utility

Asphalt Varies

18 8126 LB 8126 45.52' (P)

7.0'-

Conc. CI

7.0'

Garage Floor Elev. = 5.82'\ (1) | 1 | 1 | 2 | 2 | 3 | 1073

> 7.0. 16

DRAINAGE / RETENTION / COMMON AREA

"D" TDART DAON STAVING

Paver Lanai 7.0' x 20.0'

NO9.32,20.E 50.00°

DRAINAGE / RETENTION / COMMON AREA N80°24"10"W 60.00"

Bish

Vail & Disk 128 8126 (found) at R/W

45.00

TANKO TODO

7.0'

DETAIL "B"

0.67' Party Wall (typ.) Lot Line is Centerline of Party Wall

SO9'35'50"W 20.00'-

CORAL COURT

EGEND

10° Unity Easement (O.R. Book 16425, page 115) Ingress/Egress, Unitry Easement (O.R. Book 17228, Page 383)

2072

1107

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

To: TaylorMorrison

Survey

This

CURVE TABLE

slta Arc/Length Chord Chord Bearing
17:54" 10.49" 10.41" \$02°25'07"E

EV Certified To : TaylorMo

Total Lot Area in Square Feet ±

DETAIL "A"

SURVEYORS CERTIFICATE represented hereon conforms to the requirements of Chapting Administrative Code in effect on the Survey Date shown

The survey represente 5J-17, Florida Admini

| 1 S 1 O N S | Date Dwn. Ck'd Order No. | 7/20/20 WEN BDD | 22019876 | 8/3/20 JAR AID | 22022448 | 8/21/20 CAS AID | 22022276

Grading page.: 7

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

Engineering & Surveying Corporation L.B. # 3913 8515 Palm River Road (813) 621-7841 www.lesc.com

5185

12/08/2020

FLORIDA REGISTERED LAND SURVEYOR NO.

Survey Date: 12/0/

March 24, 2020

SCOTT R. FOWLER

1700

3

July Sur

22028080

CAS FA

olat page.: a

2