U.S. DEPARTMENT OF HOMELAND SECURITY

Federal Emergency Management Agency

National Flood Insurance Program

And the second

ELEVATION CERTIFICATE

OMB No. 1660-0008 Expires March 31, 2012

Important: Read the instructions on pages 1-9.

		SECT	'ION A - PROI	PERTY INFORM	MATION	F	or Insurance Company Use:
A1. Building Owner's Name	Sumac Investme					P	olicy Number
	2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. Co 5 Marbury Lane					company NAIC Number	
City Longboat Key	State FL ZIP	Code 34228					
A3. Property Description (Lo	ot and Block Num	bers, Tax Parcel N	umber, Legal D	escription. etc.)			
Lot 75, Sleepy Lagoon Park.	No. 2, as record	ed in Deed Book 30)2 Page 150, Ma	anatee County, F	L. PID 78704000	04	
 A4. Building Use (e.g., Resident A5. Latitude/Longitude: Lat. A6. Attach at least 2 photogent A7. Building Diagram Numb A8. For a building with a cranal Square footage of cranae Square footage o	<u>27-25'-38.5"</u> Lo raphs of the build awlspace or enclo rawlspace or enclo od openings in the 1.0 foot above ad od openings in Al	ong. <u>82-40'-21.8"</u> ding if the Certificat closure(s): he crawlspace or ljacent grade 8.b		to obtain flood ins A9. For a a) S b) N v c) T	urance. a building with an Square footage of No. of permanent vithin 1.0 foot abo	attached attached flood ope ove adjac lood ope	d garage <u>518</u> sq ft enings in the attached garage ent grade <u>3</u> nings in A9.b <u>600</u> sq in
d) Engineered flood op		Yes No		,	<u> </u>		
			B2. County Na				State
B1. NFIP Community Name Longboat Key 125126	a Community Nu	Inder	Manatee			FL	
B4. Map/Panel Number 125126 0005	B5. Suffix D	B6. FIRM Index Date 5/18/1992	Effectiv	FIRM Panel e/Revised Date /18/1992	B8. Floor Zone(s) A13	-	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 10
 Is the building located in Designation Date 		er Resources Syste	\square CBRS) area	OPA			🗌 Yes 🛛 No
Designation Date	SECTION	N C - BUILDING		OPA	(SURVEY REC	QUIRED	
Designation Date 1. Building elevations are b *A new Elevation Certific 2. Elevations – Zones A1-A below according to the b Benchmark Utilized <u>NR</u>	SECTION pased on: [pate will be required (30, AE, AH, A (work)) (1) (1) (1) (1) (1) (1) (1) (1) (1) (N C - BUILDING Construction Dr ed when construction with BFE), VE, V1-V specified in Item A7	CBRS ELEVATION I rawings* on of the buildin /30, V (with BFE . Use the same	OPA NFORMATION Building Uni g is complete. AR, AR/A, AR/A	(SURVEY REC der Construction* AE, AR/A1-A30, A	QUIRED)
 Building elevations are b *A new Elevation Certific Elevations – Zones A1-A below according to the b 	SECTION pased on: [pate will be required (30, AE, AH, A (work)) (1) (1) (1) (1) (1) (1) (1) (1) (1) (N C - BUILDING Construction Dr ed when construction with BFE), VE, V1-V specified in Item A7	CBRS ELEVATION I rawings* on of the buildin /30, V (with BFE . Use the same	OPA NFORMATION Building Uni g is complete. AR, AR/A, AR/A	(SURVEY REC der Construction* AE, AR/A1-A30, A	QUIRED) ☑ Finished Construction R/AO. Complete Items C2.a-h
 Designation Date Building elevations are b *A new Elevation Certific Elevations – Zones A1-A below according to the b Benchmark Utilized <u>NR</u> Conversion/Comments <u>N</u> a) Top of bottom floor b) Top of the next high 	SECTION based on: [bate will be require A30, AE, AH, A (w building diagram s 1384B10-ELEV 4 N/A (including basem her floor	N C - BUILDING Construction Dr ed when construction with BFE), VE, V1-V specified in Item A7 4.90 Vertical Datum	CBRS ELEVATION I rawings* on of the buildin /30, V (with BFE Use the same <u>1929</u> r enclosure floor	OPA OPA Development OPA O	(SURVEY REC der Construction* AE, AR/A1-A30, A E. Check the mea ⊠ feet ⊠ feet	QUIRED) ☑ Finished Construction IR/AO. Complete Items C2.a-h It used. ers (Puerto Rico only) ers (Puerto Rico only)
 Designation Date Building elevations are b *A new Elevation Certific Elevations – Zones A1-A below according to the b Benchmark Utilized <u>NR</u> Conversion/Comments <u>N</u> a) Top of bottom floor b) Top of the next high c) Bottom of the lowes d) Attached garage (to e) Lowest elevation of 	SECTION based on: [bate will be required A30, AE, AH, A (woulding diagram so 1384B10-ELEV 4 V/A (including basement her floor st horizontal struct op of slab) f machinery or eq	N C - BUILDING	CBRS ELEVATION I rawings* on of the buildin /30, V (with BFE . Use the same <u>1929</u> r enclosure floor ones only) he building	OPA NFORMATION Building Uni g is complete. AR, AR/A, AR/A datum as the BF 5.3	(SURVEY REC der Construction* AE, AR/A1-A30, A E. Check the mea ⊠ feet	QUIRED) ☑ Finished Construction IR/AO. Complete Items C2.a-h It used. ers (Puerto Rico only)
 Designation Date	SECTION based on: [bate will be required A30, AE, AH, A (w building diagram s 1384B10-ELEV 4 N/A (including basem ber floor function floor function floor for floop finachinery or eq quipment and loc	N C - BUILDING	CBRS ELEVATION I rawings* on of the buildin /30, V (with BFE . Use the same <u>1929</u> r enclosure floor ones only) he building)	 ☐ OPA NFORMATION ☐ Building Unig is complete. .), AR, AR/A, AR/. datum as the BF .) 	(SURVEY REC der Construction* AE, AR/A1-A30, A E. Check the mea ⊠ feet ⊠ feet □ feet ⊠ feet ⊠ feet ⊠ feet ⊠ feet	QUIRED	 Finished Construction R/AO. Complete Items C2.a-h at used. ers (Puerto Rico only)
 Designation Date	SECTION based on: [bate will be required A30, AE, AH, A (works) 1384B10-ELEV 4 N/A (including basement of floor function floor for floor for floop for floop floop for floop fl	N C - BUILDING	CBRS ELEVATION I rawings* on of the buildin /30, V (with BFE . Use the same <u>1929</u> r enclosure floor ones only) he building)	OPA O	(SURVEY REC der Construction* AE, AR/A1-A30, A E. Check the mea ⊠ feet ⊠ feet □ feet ⊠ feet ⊠ feet	QUIRED) ☑ Finished Construction IR/AO. Complete Items C2.a-h It used. ers (Puerto Rico only) ers (Puerto Rico only) ers (Puerto Rico only) ers (Puerto Rico only) ers (Puerto Rico only)
 Designation Date Building elevations are b *A new Elevation Certific Elevations – Zones A1-A below according to the b Benchmark Utilized <u>NR</u> Conversion/Comments <u>N</u> a) Top of bottom floor b) Top of the next high c) Bottom of the lowes d) Attached garage (to e) Lowest elevation of e) Conversible type of educe 	SECTION based on: [bate will be require \30, AE, AH, A (w building diagram s 1384B10-ELEV 4 V/A (including basem ber floor st horizontal struct op of slab) f machinery or eq quipment and loc nished) grade ne ade at lowest ele	N C - BUILDING	CBRS ELEVATION I rawings* on of the buildin /30, V (with BFE Use the same <u>1929</u> r enclosure floor ones only) he building) b cairs, including	 ☐ OPA NFORMATION ☐ Building Unig is complete. and AR/A, AR/A, AR/A, argument of the asternative of the asternati	(SURVEY REC der Construction* AE, AR/A1-A30, A E. Check the mea ⊠ feet ⊠ feet ⊠ feet ⊠ feet ⊠ feet ⊠ feet ⊠ feet ⊠ feet ⊠ feet ⊠ feet	QUIRED	Finished Construction AR/AO. Complete Items C2.a-h at used. ers (Puerto Rico only) ers (Puerto Rico only)
 Designation Date	SECTION pased on: [pased on:	N C - BUILDING Construction Dr ed when construction with BFE), VE, V1-V specified in Item A7 4.90 Vertical Datum nent, crawlspace, o ctural member (V Za uppment servicing t cation in Comments xt to building (LAG) ext to building (HAG vation of deck or st DN D - SURVEYC	CBRS ELEVATION I awings* on of the buildin /30, V (with BFE Use the same <u>1929</u> r enclosure floor ones only) the building) airs, including DR, ENGINEE	☐ OPA NFORMATION ☐ Building Unig is complete. (), AR, AR/A, AR/, datum as the BF () <u>5.3</u> 12.1 N/A. 5.3 12.1 4.5 4.7 R, OR ARCHIT	(SURVEY REC der Construction* AE, AR/A1-A30, A E. Check the mea ⊠ feet ⊠ feet	AR/AH, A suremen suremen met met met met met met met met	Finished Construction AR/AO. Complete Items C2.a-h at used. ers (Puerto Rico only) ers (Puerto Rico only)
 Designation Date	SECTION pased on: [pased on: [pased will be required (ate will	N C - BUILDING	CBRS ELEVATION I awings* on of the buildin (30, V (with BFE . Use the same <u>1929</u> r enclosure floor ones only) he building) b) airs, including DR, ENGINEE engineer, or arc esents my best or imprisonmen	OPA NFORMATION Building Ung is complete. AR, AR/A, AR/, datum as the BF	(SURVEY REC der Construction* AE, AR/A1-A30, A E. Check the mea ⊠ feet □ feet	QUIRED	Finished Construction AR/AO. Complete Items C2.a-h at used. ers (Puerto Rico only) ers (Puerto Rico only)
 Designation Date	SECTION pased on: [rate will be require A30, AE, AH, A (woulding diagrams 1384B10-ELEV 4 WA (including basem her floor st horizontal struct op of slab) f machinery or eq quipment and loc nished) grade net inished) grade net ade at lowest ele SECTION pred and sealed le <i>e information on</i> <i>tatement may be</i> s are provided or	N C - BUILDING	CBRS ELEVATION I rawings* on of the buildin /30, V (with BFE Use the same <u>1929</u> r enclosure floor ones only) the building) airs, including DR, ENGINEE engineer, or arc esents my best or imprisonment Were latitude	OPA NFORMATION Building Ung is complete. AR, AR/A, AR/, datum as the BF	(SURVEY REC der Construction* AE, AR/A1-A30, A E. Check the mea ⊠ feet □ feet	QUIRED	Finished Construction AR/AO. Complete Items C2.a-h at used. ers (Puerto Rico only) ers (Puerto Rico only)
 Designation Date	SECTION pased on: [rate will be require A30, AE, AH, A (woulding diagrams 1384B10-ELEV 4 WA (including basem her floor st horizontal struct op of slab) f machinery or eq quipment and loc nished) grade net inished) grade net ade at lowest ele SECTION pred and sealed le <i>e information on</i> <i>tatement may be</i> s are provided or	N C - BUILDING	CBRS ELEVATION I awings* on of the buildin (30, V (with BFE 1929 r enclosure floor ones only) the building) b) cairs, including DR, ENGINEE engineer, or arc esents my best or imprisonmen Were latitude licensed land	□ OPA NFORMATION □ Building Unig g is complete. (), AR, AR/A, AR/A datum as the BF () 12.1 N/A. 5.3 12.1 N/A. 5.3 14.0 4.5 5.9 4.7	(SURVEY REC der Construction* AE, AR/A1-A30, A E. Check the mea ⊠ feet □ feet	QUIRED	 Finished Construction AR/AO. Complete Items C2.a-h at used. ers (Puerto Rico only)
 Designation Date	SECTION pased on: [rate will be require A30, AE, AH, A (woulding diagrams 1384B10-ELEV 4 WA (including basem her floor st horizontal struct op of slab) f machinery or eq quipment and loc nished) grade net inished) grade net ade at lowest ele SECTION pred and sealed le <i>e information on</i> <i>tatement may be</i> s are provided or	C - BUILDING Construction Dr ed when construction with BFE), VE, V1-V specified in Item A7 1.90 Vertical Datum ment, crawlspace, o ctural member (V Ze uppment servicing t sation in Comments xt to building (LAG) ext to building (LAG) ext to building (HAG) vation of deck or st DN D - SURVEYC by a land surveyor, this Certificate repr punishable by fine in back of form.	CBRS ELEVATION I awings* on of the buildin (30, V (with BFE 1929 r enclosure floor ones only) the building) b) cairs, including DR, ENGINEE engineer, or arc esents my best or imprisonmen Were latitude licensed land	□ OPA NFORMATION □ Building Unig g is complete. (), AR, AR/A, AR/A datum as the BF () 12.1 N/A. 5.3 12.1 N/A. 5.3 14.0 4.5 5.9 4.7	(SURVEY REC der Construction* AE, AR/A1-A30, A E. Check the mea ⊠ feet □ feet	AR/AH, A asuremen asuremen met met met met met met amet ATION elevation <i>le.l</i> 1. 2 d by a	 Finished Construction AR/AO. Complete Items C2.a-h at used. ers (Puerto Rico only)

FEMA Form 81-31 Mar 09 See reverse side for continuation Replaces all previous editions

MPORTANT: In these spaces	s, copy the corresponding inform	nation from Section A	
Building Street Address (including A 615 Marbury Lane	Policy Number		
ty Longboat Key State FL ZIP C	Company NAIC Number		
SECTIO	ON D - SURVEYOR, ENGINEER, (OR ARCHITECT CERT	I IFICATION (CONTINUED)
	ertificate for (1) community official, (2) in		
of the garage slab. C2e. Air conditioning unit.	ge are installed; 3 Smart Vents rated at	200 square feet per each	vent; garage openings have flowline of opening at th et
Signature		Date 05/03/12	Check here if attachme
SECTION E - BUILDING EI	EVATION INFORMATION (SUR)	/EY NOT REQUIRED)	FOR ZONE AO AND ZONE A (WITHOUT BFE)
 and C. For Items E1-E4, use natur E1. Provide elevation information grade (HAG) and the lowest a a) Top of bottom floor (includi b) Top of bottom floor (includi celevation C2.b in the diagram E3. Attached garage (top of slab) E4. Top of platform of machinery E5. Zone AO only: If no flood dep 	al grade, if available. Check the meas for the following and check the approp adjacent grade (LAG). ing basement, crawlspace, or enclosure ing basement, crawlspace, or enclosure th permanent flood openings provided ns) of the building is [is] feet metu and/or equipment servicing the building	urement used. In Puerto I riate boxes to show wheth e) is e) is in Section A Items 8 and/c feet meters ab ers above or belc g is feet e bottom floor elevated in	ter the elevation is above or below the highest adjacent feet
	ON F - PROPERTY OWNER (OR		
The property owner or owner's auth	norized representative who completes \$	Sections A, B, and E for Z	one A (without a FEMA-issued or community-issued BFI
or Zone AO must sign here. The st roperty Owner's or Owner's Author	tatements in Sections A, B, and E are o	correct to the best of my ki	nowledge.
	nizeu representative s Manie	21	
Address		City	State ZIP Code
Signature		Date	Telephone
Comments			
			Check here if attachn
and the second secon	SECTION G - COMMUN	ITY INFORMATION (C	
nd G of this Elevation Certificate. C G1. The information in Section is authorized by law to cer G2. A community official comp	Complete the applicable item(s) and sig C was taken from other documentation tify elevation information. (Indicate the	in below. Check the meas in that has been signed an e source and date of the el in Zone A (without a FEMA	d sealed by a licensed surveyor, engineer, or architect v evation data in the Comments area below.) -issued or community-issued BFE) or Zone AO.
G4. Permit Number	G5. Date Permit Issued	G6. Date	e Certificate Of Compliance/Occupancy Issued
G7. This permit has been issued foG8. Elevation of as-built lowest floc	or: New Construction I and a c	Substantial Improvement] meters (PR) Datum

Check here if attachments

FEMA Form 81.31 Mar N9

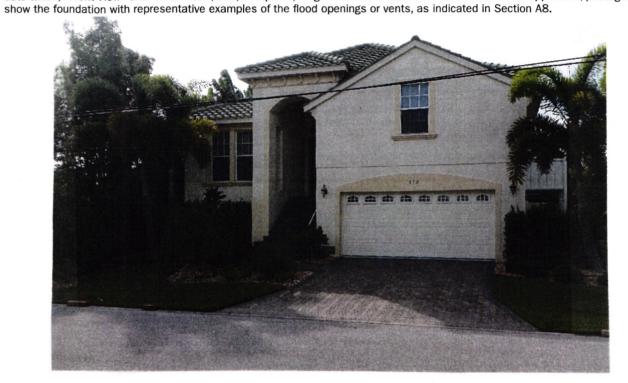
Q

ELEVATION CERTIFICATE, page 4

BUILDING PHOTOGRAPHS

Continuation Page

IMPORTANT: In these spaces, copy the corres	FOR INSURANCE COMPANY USE		
Building Street Address (including Apt., Unit, Su	ite, and/or Bldg. No.) or PO). Route and Box No.	Policy Number:
city Longoout Key	State	ZIP Code	Company NAIC Number:
If submitting more photographs than will date taken; "Front View" and "Rear View"	; and, if required, "Right		ew." When applicable, photographs must





Replaces all previous editions.



ICC-ES Evaluation Report

Most Widely Accepted and Trusted

ESR-2074 FBC Supplement

Issued July 2013 This report is subject to renewal February 1, 2015.

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: FLOODVENT[™] MODEL #1540-520; FLOODVENT[™] STACKING MODEL #1540-521; SMARTVENT[™] MODEL #1540-510; SMARTVENT[™] STACKING MODEL #1540-571; WOOD WALL FLOOD WALL FLOOD OVERHEAD DOOR MODEL #1540-574; FLOODVENT[™] OVERHEAD DOOR MODEL #1540-524; SMARTVENT[™] OVERHEAD DOOR MODEL #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:

- 2010 Florida Building Code—Building (FBC)
- 2010 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 structures not subject to FBC Section 2326.3.1 or FRC Section 4409.13.3.1, as applicable.

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 December 1, 2012, revised June 2014.





ICC-ES Evaluation Report

Most Widely Accepted and Trusted

ESR-2074*

Reissued December 2012 This report is subject to renewal February 1, 2015.

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

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: FLOODVENT[™] MODEL #1540-520; FLOODVENT[™] STACKING MODEL #1540-521; SMARTVENT[™] MODEL #1540-510; SMARTVENT[™] STACKING MODEL #1540-511; WOOD WALL FLOOD MODEL #1540-570; WOOD WALL FLOOD OVERHEAD DOOR MODEL #1540-574; FLOODVENT[™] OVERHEAD DOOR MODEL #1540-524; SMARTVENT[™] OVERHEAD DOOR MODEL #1540-514

1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2009 and 2006 International Building Code[®] (IBC)
- 2009 and 2006 International Residential Code[®] (IRC)
- Properties evaluated:
- Physical operation
- Water flow
- 2.0 USES

The Smart Vent[®] units are automatic foundation flood vents (AFFVs) employed to equalize hydrostatic pressure on nonfire-resistance-rated foundation walls, rolling-type overhead doors and building walls subject to rising or falling flood waters. The Smart Vent[®] units are intended for use where flood hazard areas have been established in accordance with IBC Section 1612.3 or IRC Section R3222.1. Certain models also allow natural ventilation in accordance with Section 1203 of the IBC or Section 408.1 of the IRC.

3.0 DESCRIPTION

3.1 General:

When subjected to pressure from rising water, the Smart Vent[®] AFFVs disengage, then pivot open to allow flow in either direction to equalize water level and hydrostatic

A Subsidiary of the International Code Council®

pressure from one side of the foundation to the other. The AFFV 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 plate to rotate out of the way and allow flow. The water level stabilizes, equalizing the lateral forces. Each unit is fabricated from stainless steel. 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 AFFVs comply with the design principle noted in Section 2.6.2.2 of ASCE/SEI 24 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 AFFVs must be installed in accordance with Section 4.0.

3.3 Model Sizes:

The FloodVENT[™] Model #1540-520, SmartVENT[™] Model #1540-510, FloodVENT[™] Overhead Door Model #1540-524, and SmartVENT[™] Overhead Door Model #1540-514 units measure 15³/₄ inches wide by 7³/₄ inches high (400 by 196.9 mm). The Wood Wall Flood Model #1540-570 and Wood Wall Flood Overhead Door Model #1540-574 units measure 14 inches wide by 8³/₄ inches high (355.6 by 222.25 mm). The SmartVENT[™] Stacking Model #1540-521 units measure 16 inches wide by 16 inches high (406.4 by 406.4 mm).

3.4 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 AFFVs recognized in this report do not offer natural ventilation.

4.0 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. The mounting straps allow mounting in wood, masonry and

*Revised June 2014

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. concrete walls up to 12 inches (305 mm) thick. In order to comply with the engineered opening design principle noted in Section 2.6.2.2 of ASCE/SEI 24, the Smart Vent® AFFVs must be installed as follows:

- With a minimum of two openings on different sides of each enclosed area.
- With a minimum of one AFFV for every 200 square feet (18.6 m²) of enclosed area, except that the SmartVENT[™] Stacking Model #1540-511 and FloodVENT[™] Stacking Model #1540-521 must be installed with a minimum of one AFFV for every 400 square feet (37.2 m²) of enclosed area.
- Below the base flood elevation.
- With the bottom of the AFFV located a maximum of 12 inches (305.4 mm) above grade.

5.0 CONDITIONS OF USE

The Smart Vent[®] AFFVs 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[®] AFFVs 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[®] AFFVs 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 Automatic Foundation Flood Vents (AC364), dated October 2013 (editorially revised May 2014).

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).

I.S. DEPARTMENT OF HOME	LAND SECURITY ELE	VATION (CERTIFIC	ATE	OMB No. 1660-0008
ederal Emergency Manageme ational Flood Insurance Progra	nt Agency	Read the ins			Expires March 31, 2012
	SEC	TION A - PROP	PERTY INFOR	MATION	For Insurance Company Use:
A1. Building Owner's Name S	Sumac Investments Ltd.	*******	*****		Policy Number
A2 Building Street Address (i 615 Marbury Lane	ncluding Apt., Unit, Suite, and/or	Bldg. No.) or P.O	. Route and Box	No.	Company NAIC Number
City Longboat Key	State FL ZIP Code 34228				
	and Block Numbers, Tax Parcel I Io. 2, as recorded in Deed Book 3			L. PID 7870400004	
A5. Latitude/Longitude: Lat. 2	ential, Non-Residential, Addition, . 7-25'-38.5" Long, <u>82-40'-21.8"</u> iphs of the building if the Certifica r 7				n: 🗌 NAD 1927 🛛 NAD 1983
 A8. For a building with a craw a) Square footage of cra b) No. of permanent floot 		N/A sq ft	a) S	a building with an atta Square footage of atta Io, of cermanent floo	
enclosure(s) within 1.	0 foot above adjacent grade	<u>N/A</u>	v	vithin 1.0 foot above	adjacent grade <u>3</u>
 c) Total net area of flood d) Engineered flood ope 		<u>N/A</u> sq in		otal net area of flood Engineered flood ope	Lopenings in A9.b <u>600</u> sq in nings? ⊠ Yes □ No
	SECTION B - FLOOD	INSURANCE			
B1. NFIP Community Name &			-		B3. State
Longboat Key 125126		B2. County Nan Manatee			FL
B4. Map/Panel Number 125126 0005	B5. Suffix B6. FIRM Index D Date 5/18/1992	Effective	RM Panel Revised Date 18/1992	B8. Flood Zone(s) A13	B9. Base Flood Elevation(s) (Zon AO, use base flood depth) 10
10. Indicate the source of the	Base Flood Elevation (BFE) data	a or base flood de	pth entered in Ite	em B9.	
FIS Profile	FiRM Community De	termined [Other (Descri	be)	
FIS Profile 11. Indicate elevation datum	IFIRM ☐ Community De used for BFE in Item B9: I NG a Coastal Barrier Resources Syst	termined [VD 1929 [Other (Descri	be) Other (Descril	De) □ Yes ⊠ No
FIS Profile [2] 11. Indicate elevation datum 12. Is the building located in a	IFIRM ☐ Community De used for BFE in Item B9: I NG a Coastal Barrier Resources Syst	termined [VD 1929 [lem (CBRS) area CBRS	Other (Descri NAVD 1988 or Otherwise Pro	be) Other (Descril ttected Area (OPA)?	🗌 Yes 🛛 No
 FIS Profile [2] Indicate elevation datum Is the building located in a Designation Date Building elevations are bas *A new Elevation Certificat Elevations – Zones A1-A30 below according to the buil Benchmark Utilized NR13 	Image: Section C - BUILDING	termined [VD 1929 [em (CBRS) area CBRS ELEVATION IN rawings* ion of the building V30, V (with BFE) 7. Use the same of	Other (Descri NAVD 1988 or Otherwise Pro OPA FORMATION Building Und is complete. AR, AR/A, AR/A	be) Other (Descril tected Area (OPA)? (SURVEY REQUI ter Construction* AE, AR/A1-A30, AR/A	🗌 Yes 🛛 No
 FIS Profile [2] Indicate elevation datum Is the building located in a Designation Date Building elevations are bas *A new Elevation Certificat Elevations – Zones A1-A30 below according to the building to the build	Image: Section C - BUILDING	termined [VD 1929 [em (CBRS) area CBRS ELEVATION IN rawings* ion of the building V30, V (with BFE) 7. Use the same of	Other (Descri NAVD 1988 or Otherwise Pro OPA FORMATION Building Und is complete. AR, AR/A, AR/A	be) Other (Descril tected Area (OPA)? (SURVEY REQUI ter Construction* AE, AR/A1-A30, AR/A	Yes No RED) Finished Construction
 FIS Profile [2] Indicate elevation datum Is the building located in a Designation Date	Image: Section C - BUILDING	termined [VD 1929 [em (CBRS) area CBRS ELEVATION IN rawings* ion of the building V30, V (with BFE) 7. Use the same of 1929	Other (Description) Other (Description) NAVD 1988 OPA OPA FORMATION Building Und is complete. AR, AR/A, AR// datum as the BFI	be) Other (Descril tected Area (OPA)? (SURVEY REQUI der Construction* AE, AR/A1-A30, AR/A E. Check the measur ⊠ feet	Yes ⊠ No RED) ✓ Finished Construction AH. AR/AO. Complete Items C2.a-h monused. EVED meters (Puerto Rico only)
 FIS Profile [2] Indicate elevation datum Is the building located in a Designation Date	Image: Section C - BUILDING	termined [VD 1929 [tem (CBRS) area CBRS ELEVATION IN rawings* ion of the building V30, V (with BFE) 7. Use the same of 1929 or enclosure floor)	Other (Description) Other (Description) NAVD 1988 Or Otherwise Pro OPA FORMATION Building Und is complete. AR, AR/A, AR/A datum as the BFI	be) ☐ Other (Descril tected Area (OPA)? (SURVEY REQUI der Construction* AE, AR/A1-A30, AR/A E. Check the measur ⊠ feet	Yes ⊠ No RED) Finished Construction AH. AR/AO. Complete Items C2.a-h meters (Puerto Rico only) meters (Puerto Rico only) meters (Puerto Rico only) meters (Puerto Rico only)
 FIS Profile [2] Indicate elevation datum Is the building located in a Designation Date	Image: Section C - BUILDING Secting C - BUILDING	termined [VD 1929 [tem (CBRS) area CBRS ELEVATION IN rawings* ion of the building V30, V (with BFE) 7. Use the same of 1929 or enclosure floor) ones only)	Other (Description) Other (Description) NAVD 1988 OPA OPA FORMATION Building Und is complete. AR, AR/A, AR// datum as the BFI	be) Other (Descril tected Area (OPA)? (SURVEY REQUI der Construction* AE, AR/A1-A30, AR/A E. Check the measur in feet feet feet	Yes ⊠ No RED) Finished Construction AH. AR/AO. Complete Items C2.a-h meters (Puerto Rico only)
 FIS Profile [2] Indicate elevation datum Is the building located in a Designation Date	Image: Section Section 2 (View Community Definition 2) Image: Section Section 2) Section C - BUILDING Secting C - BUILDING	termined [VD 1929 [tem (CBRS) area CBRS ELEVATION IN rawings* ion of the building V30, V (with BFE) 7. Use the same of 1929 or enclosure floor) ones only) the building	Other (Description) Other (Description) NAVD 1988 Or Otherwise Pro OPA NFORMATION Building Und is complete. , AR, AR/A, AR// datum as the BFI 5.3 12.1 N/A.	be) Other (Descril tected Area (OPA)? (SURVEY REQUI der Construction* AE, AR/A1-A30, AR/A E. Check the measur in feet feet feet	Yes ⊠ No RED) ✓ Finished Construction AH. AR/AO. Complete Items C2.a-h meters (Puerto Rico only) meters (Puerto Rico only) meters (Puerto Rico only) meters (Puerto Rico only)
 FIS Profile [2] Indicate elevation datum Is the building located in a Designation Date	Image: Section C - BUILDING Secting C - BUILDING	termined [VD 1929 [tem (CBRS) area CBRS ELEVATION IN rawings* ion of the building V30, V (with BFE) 7. Use the same of 1929 or enclosure floor) ones only) the building s)	Other (Description) Other (Description) NAVD 1988 or Otherwise Pro OPA FORMATION Building Und is complete. , AR, AR/A, AR// datum as the BFI 5.3 12.1 N/A. 5.3	be) Other (Descril tected Area (OPA)? (SURVEY REQUI der Construction* AE, AR/A1-A30, AR/A E. Check the measur Geet feet feet feet feet feet	Yes ⊠ No RED) Finished Construction AH. AR/AO. Complete Items C2.a-h meters (Puerto Rico only)
 FIS Profile [2 Indicate elevation datum Is the building located in a Designation Date	Image: Section 2 and a coastal Barrier Resources System Section 2 and a coastal Barrier Resources And a coastal Barrier And System Section 3 and a coastal Barrier A coastal Barrier And System Section 3 and a coastal Barrier A	termined [VD 1929 [tem (CBRS) area CBRS ELEVATION IN rawings* ion of the building V30, V (with BFE) 7. Use the same of 1929 or enclosure floor) ones only) the building s)) S)	Other (Description) Other (Description) NAVD 1988 or Otherwise Pro OPA FORMATION Building Und is complete. AR, AR/A, AR// datum as the BFI 5.3 12.1 N/A 5.3 14.0 4.5 5.9	be) Other (Descril tected Area (OPA)? (SURVEY REQUI der Construction* AE, AR/A1-A30, AR/A E. Check the measur AE, AR/A1-A1-A30, AR/A E. Check the measur AE, AR/A1-A1-A30, AR/A E. Check the measur AE, AR/A1-A1-A30, AR/A E. Check the measur AE, AR/A1-A1-A30, AR/A E. Check the measur AE, AR/A1-A1-A1-A1-A1-A1-A1-A1-A1-A1-A1-A1-A1-A	Yes ⊠ No RED) Finished Construction AH. AR/AO. Complete Items C2.a-h CEIVED meters (Puerto Rico only) meters (Puerto Rico only) meters (Puerto Rico only) OWN (OFrlo@NGB() AT KEY Dataming) meters (Puerto Rico only)
 FIS Profile [2] Indicate elevation datum Is the building located in a Designation Date	Image: Section 2 and a coastal Barrier Resources System Section 2 and a coastal Barrier Resources Operation 2 and a coastal Barrier Resources Coastal Structural member (V Ziona) Section 2 and a coastal Structural member (V Ziona) Section 2 and a coastal Structural member (V Ziona) Section 2 and a coastal Structural member (V Ziona) Section 2 and a coastal structural member (V Ziona) Section 2 and a coastal structural member (V Ziona) Section 2 and a coastal structural member (V Ziona) Section 2 and a coastal structural member (V Ziona) Section 2 and a coastal structural member (V Ziona) Section 2 and a coastal structural member (V Ziona) Section 2 and a coastal structural member (V Ziona)	termined [VD 1929 [tem (CBRS) area CBRS ELEVATION IN rawings* ion of the building V30, V (with BFE) 7. Use the same of 1929 or enclosure floor) ones only) the building s)) S)	Other (Description) Other (Description) NAVD 1988 or Otherwise Pro OPA FORMATION Building Und is complete. AR, AR/A, AR// datum as the BFI 5.3 12.1 N/A 5.3 14.0 4.5	be) Other (Descril tected Area (OPA)? (SURVEY REQUI der Construction* AE, AR/A1-A30, AR/A E. Check the measur AE, AR/A1-A1-A30, AR/A E. Check the measur AE, AR/A1-A1-A30, AR/A E. Check the measur AE, AR/A1-A1-A30, AR/A E. Check the measur AE, AR/A1-A1-A30, AR/A E. Check the measur AE, AR/A1-A1-A1-A1-A1-A1-A1-A1-A1-A1-A1-A1-A1-A	Yes ⊠ No No RED) Second Structure AF ARAO. Complete Items C2.a-h Complete Items Complete Items C2.a-h Complete Ite
 FIS Profile [2 Indicate elevation datum Is the building located in a Designation Date	Image: Section 2 FiRM Community Definition Used for BFE in Item B9: Image: Section 2 NG* a Coastal Barrier Resources Syst Section C - BUILDING Section C - BUILDING Section D ewill be required when construction D With BFE), VE, V1 Iding diagram specified in Item A7 84B10-ELEV 4.90 Vertical Datum A Anduding basement, crawlspace, or Norizontal structural member (V Zite) of slab) achinery or equipment servicing I achinery or equipment servicing I Section in Comments hed) grade next to building (LAG) Shed) grade next to building (HAG) e at lowest elevation of deck or st SECTION D - SURVEYC	termined [VD 1929 [tem (CBRS) area CBRS ELEVATION IN rawings* ion of the building V30, V (with BFE) 7. Use the same of 1929 or enclosure floor) ones only) the building b) b) tairs, including DR, ENGINEER	Other (Description) Other (Description) NAVD 1988 or Otherwise Pro OPA FORMATION Building Und is complete. AR, AR/A, AR/A datum as the BFI 5.3 12.1 N/A 5.3 14.0 4.5 5.9 4.7 OR ARCHITE	be) Other (Descril tected Area (OPA)? (SURVEY REQUI der Construction* AE, AR/A1-A30, AR/A E. Check the measur Ø feet Ø feet	Yes ⊠ No RED) ✓ Finished Construction AH. AR/AO. Complete Items C2.a-h Maters (Puerto Rico only) meters (Puerto Rico only) meters (Puerto Rico only) OWN (OErbook) AT KEY Derbook) AT KEY Derbook) AT KEY meters (Puerto Rico only)
 FIS Profile [2] Indicate elevation datum Is the building located in a Designation Date	Image: Signal system Community Definition Image: Signal system Section C - BUILDING Section C - BUILDING Section D Section C - Section D - Section D Section D Section D - Survery C Section of this Certificate reprisement may be punishable by fine Section D - Survery C Section of this Certificate reprisement may be punishable by fine	termined [VD 1929 [term (CBRS) area CBRS ELEVATION IN rawings* ion of the building V30. V (with BFE) 7. Use the same of n 1929 or enclosure floor) ones only) the building b) b) c) tairs, including DR, ENGINEER engineer, or arch esents my best ef or imprisonment u	Conter (Description) Contervise Propriete OPA	be) Other (Descrill tected Area (OPA)? (SURVEY REQUI der Construction* AE, AR/A1-A30, AR/A Check the measur AE, AR/A1-A30, AR/A Check the measur feet fe	Yes ⊠ No RED) ✓ Finished Construction AH. AR/AO. Complete Items C2.a-h Meters (Puerto Rico only) meters (Puerto Rico only) OWN (OF LOCIDER) Meters (Puerto Rico only)
 FIS Profile [2 Indicate elevation datum 12. Is the building located in a Designation Date Is the building located in a Designation Date Building elevations are bas "A new Elevation Certificat: Elevations – Zones A1-A30 below according to the build Benchmark Utilized NR13 Conversion/Comments N// a) Top of bottom floor (in b) Top of the next higher Bottom of the lowest H Attached garage (top e) Lowest elevation of m (Describe type of equif) Lowest adjacent (finis g) Highest adjacent (finis h) Lowest adjacent grade structural support This certification is to be signe information. I certify that the in understand that any false state Check here if comments a Certifier's Name Ralph J. Rhoometaic content in the content of the c	Image: Signal system Community Definition Image: Signal system Section C - BUILDING Section C - BUILDING Section D Section C - Section D - Section D Section D Section D - Survery C Section of this Certificate reprisement may be punishable by fine Section D - Survery C Section of this Certificate reprisement may be punishable by fine	termined [VD 1929 [tem (CBRS) area CBRS area CBRS ELEVATION IN rawings* ion of the building V30, V (with BFE) 7. Use the same of n 1929 or enclosure floor) ones only) the building b) b) b) c) c) c) c) c) c) c) c) c) c	Conter (Description) Contervise Propriete OPA	be) Other (Descril tected Area (OPA)? (SURVEY REQUI fer Construction* AE, AR/A1-A30, AR/A E. Check the measur AE, AR/A1-A30, AR/A E. Check the measur feet foet foet foet foet feet feet foet f	Yes ⊠ No RED) Finished Construction AH. AR/AO. Complete Items C2.a-h Meters (Puerto Rico only) meters (Puerto Rico only) OWN (OF LOCING AND AT KEY) Define (Puerto Rico only) meters (Puerto Rico only)
 FIS Profile [2] Indicate elevation datum [12]. Is the building located in a Designation Date	Image: Signal system Community Definition Image: Signal system Section C - BUILDING Section C - BUILDING Section D Section C - Section D - Section D Section D Section D - Survery C Section of this Certificate reprisement may be punishable by fine Section D - Survery C Section of this Certificate reprisement may be punishable by fine	termined [VD 1929 [term (CBRS) area CBRS ELEVATION IN rawings* ion of the building V30. V (with BFE) 7. Use the same of n 1929 or enclosure floor) ones only) the building b) b) c) tairs, including DR, ENGINEER engineer, or arch esents my best ef or imprisonment u Were latitude ar licensed land su	Conter (Description of the content	be) Other (Descril tected Area (OPA)? (SURVEY REQUI fer Construction* AE, AR/A1-A30, AR/A E. Check the measur AE, AR/A1-A30, AR/A E. Check the measur feet foet foet foet foet feet feet foet f	Yes ⊠ No RED) Finished Construction AH. AR/AO. Complete Items C2.a-h Meters (Puerto Rico only) meters (Puerto Rico only) OWN (OF LOCING AND AT KEY) Define (Puerto Rico only) meters (Puerto Rico only)
FIS Profile FIS Profile FIS Profile FI1. Indicate elevation datum Indicate elevation Date Designation Date Designation Date State Date Date Date State Date Date Date State State Date State Date State State State Date	Image: Section 2 and 2	termined [VD 1929 [term (CBRS) area CBRS CBRS ELEVATION IN rawings* ion of the building V30. V (with BFE) 7. Use the same of n 1929 or enclosure floor) ones only) the building b) c) cones only) the building DR, ENGINEER engineer, or arch esents my best ef or imprisonment of Were latitude ar licensed land su R.J. Rhodes Engine	Conter (Description of the content	be) Other (Descril tected Area (OPA)? (SURVEY REQUI fer Construction* AE, AR/A1-A30, AR/A E. Check the measur AE, AR/A1-A30, AR/A E. Check the measur feet foet foet foet foet feet feet foet f	Yes ⊠ No RED)

-

5+++.

IMPORTANT: In these spaces, co	opy the corresponding informat	ion from Sectio	n A. F	or Insurance Company Use:
Building Street Address (including Apt., 615 Marbury Lane	Unit, Suite, and/or Bldg. No.) or P.O.	Route and Box No.		Policy Number
City Longboat Key State FL ZIP Code	34228		C	Company NAIC Number
SECTION	D - SURVEYOR, ENGINEER, OR	ARCHITECT CI	ERTIFICATION (CONTI	NUED)
Copy both sides of this Elevation Certific	cate for (1) community official, (2) insu	irance agent/comp	any, and (3) building owner	
Comments A9c, Openings in garage a of the garage slab. C2e. Air conditioning unit.	re installed: 3 Smart Vents rated at 20	0 square feet per e	ach vent; garage openings	have flowline of opening at thetop
	1 Chile	Date 05/03/12		
Signature				Check here if attachments
SECTION E - BUILDING ELEV	ATION INFORMATION (SURVE)	Y NOT REQUIRE	D) FOR ZONE AO ANI	ZONE A (WITHOUT BFE)
For Zones AO and A (without BFE), cor and C. For Items E1-E4, use natural gr E1. Provide elevation information for t	rade, if available. Check the measure	ment used. In Pue	rto Rico only, enter meters	
 grade (HAG) and the lowest adjact a) Top of bottom floor (including b b) Top of bottom floor (including b E2. For Building Diagrams 6-9 with per (elevation C2.b in the diagrams) c E3. Attached garage (top of slab) is E4. Top of platform of machinery and/ E5. Zone AO only: If no flood depth m 	cent grade (LAG). basement, crawlspace, or enclosure) is basement, crawlspace, or enclosure) is ermanent flood openings provided in S of the building is feet meters /or equipment servicing the building is	ection A Items 8 and betmeters above or 	☐ feet ☐ meters ☐ ab ☐ feet ☐ meters ☐ ab nd/or 9 (see pages 8-9 of Ir above or ☐ below the H// below the HAG. feet ☐ meters ☐ above d in accordance with the co	ove or below the HAG. ove or below the LAG. Instructions), the next higher floor AG. or below the HAG.
	F - PROPERTY OWNER (OR OV	-		ATION
The property owner or owner's authoriz				
or Zone AO must sign here. The staten	ments in Sections A, B, and E are corre			
Property Owner's or Owner's Authorized	d Representative's Name			
Address		City	State	ZIP Code
Signature		Date	Telephone	
Comments				
				Check here if attachme
***************************************	SECTION G - COMMUNITY	INFORMATION	(OPTIONAL)	
ne local official who is authorized by law ad G of this Elevation Certificate. Comp	v or ordinance to administer the comm	unity's floodplain m	nanagement ordinance can	
	vas taken from other documentation the elevation information. (Indicate the sou			
	d Section E for a building located in Zo			sued BFE) or Zone AO.
-	ns G4-G9) is provided for community fl	· · · · · · · · · · · · · · · · · · ·		
34. Permit Number	G5. Date Permit Issued	G6. [Date Certificate Of Complia	nce/Occupancy Issued
7. This permit has been issued for:	New Construction Sub	stantial Improveme	nt	
8. Elevation of as-built lowest floor (inc	cluding basement) of the building:		meters (PR) Datum	
9. BFE or (in Zone AO) depth of floodi	ing at the building site:		t 🔲 meters (PR) Datum _	
		feel	t meters (PR) Datum	
 Community's design flood elevation 		Title		
		1100		
Local Official's Name		Telephone		
Local Official's Name Community Name				
10. Community's design flood elevation Local Official's Name Community Name Signature Comments		Telephone		
Local Official's Name Community Name Signature		Telephone		

Ĉ

Check here if attachments