F6-8-20

201901949

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

OMB No. 1660-0008 Expiration Date: November 30, 2018

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 INSURANCE COMPANY USE	
A1. Building Owner's Name Ben Hughes	Policy Number:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.	Company NAIC Number:	
9371 Oak Island Road and 9447 Evans Rd.		
City State	ZIP Code	
Gulfport Mississippi A3 Property Description (Lot and Block Numbers, Tax Percel Numbers Legal Description at a)	39503	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) 0.630 Acre parcel in Section 19, T. 7 S., R. 10 W., Tax Parcel #1009L-03-002.000 and #1009L-03-0	006.002	
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Accessory- Poolho	ouse/Garage Building	
AF 1 17 1 B V 1 A A A A A A A A A A A A A A A A A A	n: NAD 1927 X NAD 1983	
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insura		
A7. Building Diagram Number 1B		
A8. For a building with a crawlspace or enclosure(s):		
a) Square footage of crawlspace or enclosure(s) n/a sq ft		
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above	adjacent grade pene	
c) Total not one of floor love in it.	e adjacent gradenone	
<u> </u>		
A9. For a building with an attached garage:		
a) Square footage of attached garage sq ft		
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent of	grade 3	
c) Total net area of flood openings in A9.b 600 sq in		
d) Fasings and Read area in O. Flavor		
a) Engineered flood openings? X Yes No		
SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMA	TION	
B1. NFIP Community Name & Community Number B2. County Name	B3. State	
City of Gulfport, #285253 Harrison	Mississippi	
B4. Map/Panel B5. Suffix B6. FIRM Index Date B7. FIRM Panel Effective/ B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone AO, use Base	
28047C0266 G Dec. 21, 2017 Revised Date June 16, 2009 "AE"	Flood Depth) 15.0'	
D40 Indicate the course of the Barrier State of the Course of the		
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item FIS Profile FIRM Community Determined Other/Source:	ı B9:	
B11. Indicate elevation datum used for BFE in Item B9: NGVD 1929 X NAVD 1988 Ott	ner/Source:	
P40. In the building located in a Constal Day 1. Day 1. On 1. (ODDO)		
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Prote	cted Area (OPA)? Yes X No	
Designation Date: CBRS OPA		
·		

ELEVATION CERTIFICATE

OMB No. 1660-0008 Expiration Date: November 30, 2018

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: 9371 Oak Island Road and 9447 Evans Rd. City State ZIP Code Company NAIC Number Gulfport Mississippi 39503 SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED) C1. Building elevations are based on:

Construction Drawings* ☐ Building Under Construction* X Finished Construction *A new Elevation Certificate will be required when construction of the building is complete. C2. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters. Benchmark Utilized: GPS Trimble VRS network Geoid09 Vertical Datum: NAVD88 Indicate elevation datum used for the elevations in items a) through h) below. ☐ NGVD 1929
☐ NAVD 1988 ☐ Other/Source: Datum used for building elevations must be the same as that used for the BFE. Check the measurement used. a) Top of bottom floor (including basement, crawlspace, or enclosure floor) _ <u>17</u>. 2 ☐ meters |X | feet b) Top of the next higher floor <u>n/a . _____</u> |X | feet meters c) Bottom of the lowest horizontal structural member (V Zones only) n/a_.__ ☐ feet meters d) Attached garage (top of slab) 14.3 |X | feet meters Lowest elevation of machinery or equipment servicing the building <u>17</u>. <u>3</u> X feet meters (Describe type of equipment and location in Comments) f) Lowest adjacent (finished) grade next to building (LAG) 12.4 X feet meters g) Highest adjacent (finished) grade next to building (HAG) 13.4 |X | feet meters h) Lowest adjacent grade at lowest elevation of deck or stairs, including 12.4 X feet meters structural support SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001. Were latitude and longitude in Section A provided by a licensed land surveyor?

Yes
No X Check here if attachments. Certifier's Name License Number Gene Paul Stenum PLS #02752 Title Land Surveyor Company Name Stenum Surveying, LLC Address 8593 W. Oaklawn Rd. City State ZIP Code Biloxi Mississippi 39532 Signature Date Telephone Sept. 30, 2019 (228) 392-5552 Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner. Comments (including type of equipment and location, per C2(e), if applicable) ***See Page 4 of this document for comments***

ELEVATION CERTIFICATE

OMB No. 1660-0008 Expiration Date: November 30, 2018

IMPORTANT: In these spaces, copy the corresponding information from		FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.C). Route and Box No.	Policy Number:
9371 Oak Island Road and 9447 Evans Rd.		_
City State Gulfport Mississippi	ZIP Code 39503	Company NAIC Number
SECTION E – BUILDING ELEVATION INFORM		
FOR ZONE AO AND ZONE A	(WITHOUT BFE)	REQUIRED)
For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate complete Sections A, B,and C. For Items E1–E4, use natural grade, if available enter meters.	e is intended to support a able. Check the measure	LOMA or LOMR-F request, ment used. In Puerto Rico only,
E1. Provide elevation information for the following and check the appropriate the highest adjacent grade (HAG) and the lowest adjacent grade (LAG)	te boxes to show whethe).	r the elevation is above or below
a) Top of bottom floor (including basement, crawlspace, or enclosure) is		s above or below the HAG.
b) Top of bottom floor (including basement, crawlspace, or enclosure) is		
E2. For Building Diagrams 6-9 with permanent flood openings provided in		
the next higher floor (elevation C2.b in the diagrams) of the building is	[] feet [] mete	
E3. Attached garage (top of slab) is		
E4. Top of platform of machinery and/or equipment servicing the building is	[feet] meter	rs above or below the HAG.
E5. Zone AO only: If no flood depth number is available, is the top of the bo	ottom floor elevated in ac	cordance with the community's
		certify this information in Section G.
SECTION F - PROPERTY OWNER (OR OWNER'S	REPRESENTATIVE) CI	ERTIFICATION
		and A Anthony to PERAG Income to an
The property owner or owner's authorized representative who completes Se community-issued BFE) or Zone AO must sign here. The statements in Sec	ctions A, B, and E for Zo tions A, B, and E are cor	rect to the best of my knowledge.
The property owner or owner's authorized representative who completes Se community-issued BFE) or Zone AO must sign here. The statements in Sec Property Owner or Owner's Authorized Representative's Name	ctions A, B, and E for Zo tions A, B, and E are cor	rect to the best of my knowledge.
community-issued BFE) or Zone AO must sign here. The statements in Sec	tions A, B, and E are cor	ate ZIP Code
community-issued BFE) or Zone AO must sign here. The statements in Sec Property Owner or Owner's Authorized Representative's Name	tions A, B, and E are cor	rect to the best of my knowledge.
Property Owner or Owner's Authorized Representative's Name Address City	tions A, B, and E are cor	rect to the best of my knowledge. ate ZIP Code
Property Owner or Owner's Authorized Representative's Name Address City Signature Date	tions A, B, and E are cor	rect to the best of my knowledge. ate ZIP Code
Property Owner or Owner's Authorized Representative's Name Address City Signature Date	tions A, B, and E are cor	rect to the best of my knowledge. ate ZIP Code
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ELEVATION CERTIFICATE

OMB No. 1660-0008 Expiration Date: November 30, 2018

MPORTANT: In these spaces, copy the corresponding information from Section A. FOR INSURANCE COMPANY US		
Building Street Address (including Apt., Unit, S 9371 Oak Island Road and 9447 Evans Rd.	uite, and/or Bldg. No.) or P.O. Route and Box	No. Policy Number:
City Gulfport	State ZIP Code Mississippi 39503	Company NAIC Number
SECTION	ON G - COMMUNITY INFORMATION (OPTIC	ONAL)
The local official who is authorized by law or or Sections A, B, C (or E), and G of this Elevation used in Items G8–G10. In Puerto Rico only, er	dinance to administer the community's floodp	Jain managament ardinance con complete
G1. The information in Section C was tak engineer, or architect who is authoriz data in the Comments area below.)	en from other documentation that has been s led by law to certify elevation information. (Inc	igned and sealed by a licensed surveyor, licate the source and date of the elevation
G2. A community official completed Section or Zone AO.	on 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 ma	anagement 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 Improven	nent
G8. Elevation of as-built lowest floor (including of the building:	g 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:	ANT THE PARTY OF THE TAX AND A STATE OF THE PARTY OF THE	feet meters Datum
Local Official's Name	Title	
Community Name	Telephone	
Signature	Date	
Comments (including type of equipment and loc	cation, per C2(e), if applicable)	
Poolhouse/Garage structure falls within Florexhibit.	, , , , , , , , , , , , , , , , , , , ,	15.0', as per attached FEMA floodmap
 2.) Attached garage contains approx. 506 sq. f (Smart Vent Model #1540-520) installed each r sq. in) for the garage as reported in Section AS 3.) Elevation reported in Section C2(a) is the elevation of 16.4'. 4.) Elevation reported in Section C2(d) is the garage 	measuring 8"x16" with each reported flood ver (b&c). Attached is the Smart Vent specification evation of the main floor level of the pool hou arage finish floor level, being the north side o	nt area of 200 sq. in. (200 x 3 = total of 600 on sheet provided by client. use. The porch on south side of structure is at
top of a/c deck located on west side of structur 5.) Additional vertical ties were made at time of new published elevations referenced to NAVD	this certificate to NGS Benchmark "F215" ar	nd "A368", with an accuracy of 0.1'+/-, having

BUILDING PHOTOGRAPHS

See Instructions for Item A6.

OMB No. 1660-0008 Expiration Date: November 30, 2018

			Expiration Date. November 30, 2010
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:	
9371 Oak Island Road and 9447 Evans	Rd.		
City	State	ZIP Code	Company NAIC Number
Gulfport	Mississippi	39503	Tompon, in no name.

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 South view of pool house location looking northeast, 9371 Oak Island Road, Gulfport, MS, 9/27/19, With A/C deck.



Photo Two

Photo Two Caption East view of pool house location looking southwest, 9371 Oak Island Road, Gulfport, MS, 9/27/19

ELEVATION CERTIFICATE

BUILDING PHOTOGRAPHS

Continuation Page

OMB No. 1660-0008

Expiration Date: November 30, 2018

		700 (10 T	,
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. 9371 Oak Island Road and 9447 Evans Rd.		Policy Number:	
City Gulfport	State Mississippi	ZIP Code 39503	Company NAIC Number

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.



Photo One

Photo One Caption

ELEVATION CERTIFICATE

West side of pool house/garage, looking south w/flood vents, 9371 Oak Island Road, Gulfport, MS, 9/27/19



Photo Two

Photo Two Caption East view of pool house/garage w/flood vent looking south, 9371 Oak Island Road, Gulfport, MS, 9/27/19



Most Widely Accepted and Trusted

ICC-ES Report ESR-2074

ICC-ES | (900) 423-6587 | (562) 699-0563 | Favorities actorgy | Friends | Linear to subject to renewal 02/2019.

DIVISION: 08 00 00-OPENINGS

SECTION: 08 95 43—VENTS/FOUNDATION FLOOD VENTS

937151AU J OAK 3 VENUS

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



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



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ICC-ES Evaluation Report

ESR-2074

Releasued February 2017

This report is subject to renewal February 2019.

www.icc-es.org | (800) 423-6587 | (562) 600-0543

A Subsidiary of the International Code Council®

DIVISION: 08 to 00—OPENINGS Section: 08 95 43—Vents/Foundation Floor Vents.

REPORT HOLDER:

SMARTVENT PRODUCTS; (NG. 439 ANDBRO DRIVE, UNIT 1 PITMAN, NEW JERSEY 0807 1 (877) 441-6368 www.smartvent.com

EVALUATION SUBJECT:

SMART VENT AUTOMATIC FOUNDATION FLOOD VENTS: MODELS: #1540-520; #1540-521; #1540-510; #1540-514; #1540-570; #1540-514

TO EVALUATION SCOPE

Compliance with the following codes:

- 2015, 2012, 2009 and 2006 International Building Code (IBC)
- 2015, 2012, 2009 and 2006 International Regidential Code* (IRC)
- 2018 Abu Dhabi International Building Code (ADIBC)

the ADMO Ichean on the 2018 180 2010 180 code sections entered in this report from the descriptional fit this ADMO

Proporties avaluated:

- Physical operation
- Waker How

2.0 USES

The Sman Vent^b units are engineered machanically operated fixed vents (FVs) employed to equalize hydrostatic preseure on water of enclosures subject to many or falling fixed waters: Certain models also allow materal ventilation.

3.0 DESCRIPTION

3.1 Generall

When subjected to rising water, the Smart Vent⁶ FVs internal Roals are activated, then pivot open to allow how in either direction to aqualize 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 budyant release device. When subjected to make water, the bapyant release device when subjected to make water, allowing the door to rotate out of the way and allowing the door to rotate out of the way and allowing the

The water level stabilizes, equalizing the lateral forces. Each unit is fabricated from stabilises steel. Smart Vent. Automatic Foundation Floori Vents are available in ventous models and aixes at described in Table 1. The Smart VENT Stacking Model #1540-511 and Floori Vent. Stacking Model #1540-511 and Floori Vent. Stacking Model #1540-511 and Floori Vent. Stacking Model #1540-511 and Floori Vent.

3:2 Engineered Opening:

The FVs correly with the design principle noted in Section 2.7.2.2 and Section 2.7.3.61 ASCE/SEI 24-14 [Section 2.8.2.2 of ASCE/SEI 24-05 (2012, 2009, 2009 BBC and IRCI) for a maximum pate of rise and fall of 5.0 feet per frour (9.423 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 Vontilation:

The Smart/ENT® Model #1540-510 and Smart/ENT® Overhead Door Model #1540-514 both have screen govers with ", Inch-by-'n-Inch (6.35 by 6.35 mm) openings, yielding 51 square inches (32.903 mm") of net free area to supply natural verillation. The Smart/ENT® statisting Model #1540-510 units in one %-sembly, and provides 102 square inches (65.905 mm) of net free area to supply natural ventilation. Other FVs recognized in this report do not offer matural ventilation.

40 DESIGN AND INSTALLATION

SmartVENT* and FloodVENT* are designed to the installed into walls or everteed doors of existing or new construction from the exterior side. Installation of the vents must be in accordance with the manufacturar's instructions. The applicable code and this report, installation clips allow mounting a masonry and contract walls of any trackness. In order to controlly with the engineered opening design principle noted in Section 2.7.2.2 and 2.7.3 of Ascesses 24.14 [Section 2.8.2.2 of Ascesses 24.14 [Secti

- With: a minimum of two openings on different sides of each enclosed area;
- wirs a minimum of the FV for every 200 square feet (18.6 m²) of enclosed wear except that the SmertVENT" Stacking Model #1540-521 must be instance with a minimum of one FV for every 400 square feet (37.2 m²) of enclosed area.
- Below the base flood clevetton.



with the bottom of the FV logated a maximum of 12 Inches (305.4 mm) ebove the higher of the final grade or floor and finished extensor grade immediately under each opening.

5.0 CONDITIONS OF LISE

The Smart Verti Five depended in this report comply with, or are suitable atternatives to what is specified in those podes tisted in Section 1.0 of this report, subject to the following conditions:

- 5.1 The Smart Vent* TVs must be installed in secondance with this report, the applicable code and the manufacturers installation instructions in the event of a conflict, the instructions in this report givers.
- 5.2. The Smart Vent* FVs thust not be used in the place of "breakeway walls" in coastal high hazard argas, but.

are permitted for the in conjunction with breakaway wells in other brads.

6.0 EVIDENCE SUBMITTED

Data in accordance with the ICC-ES Acceptance Chierla for Machanically Operated Florid Vents (AC364), dated August 2016.

7.0 DENTIFICATION

The Smart VENT⁹ models recognized in this report must be identified by a label bearing the manufacturer's name (Smartverit Products, Inc.), the model number, and the evaluation report number (ESR-2074).

TABLE |-MODEL SIZES

MCDE NAME	MODEL NUMBER	MODEL SIZE (Is.)	
FlaceVENT	1540-520		COVERAGE (44. P.)
SmartVENT*		1,5%, X,7 ³ 5,"	200
FloodVENT [®] Cyerhead Door	1540-510	15'4' X 7'0'	200
SmartVENT Overhead Door	1540-524	15 % X Z %"	500
	154 0-514	15 ⁹ /4" X 7 ³ /4"	
Wood Wall Floogy ENT	ded a seria	14" X 8"1.1	200
Wood Wall FloodVENT* Overheed Door	1540-574	74.	200
SmanVENT Stacker		(建) 发起元	200
Florit/Yen/ ^e sjacker	1540-511	16" X 16"	400
oc \$11 1 Inch = 25.4 mm; i square foot = m2	7540-521	16" X 16"	
uc 對日 1 Inch 自然,中中的 1 square font = m2	7	1 14 70 117	400

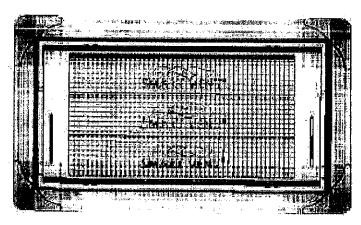


FIGURE 1-SMART VENT; NODEL 1940-510

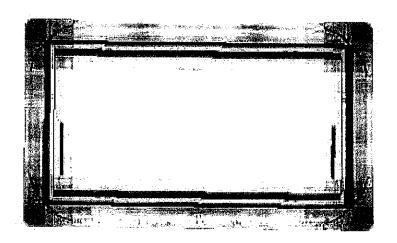


FIGURE 2—SMART VENT MODEL 1540 520

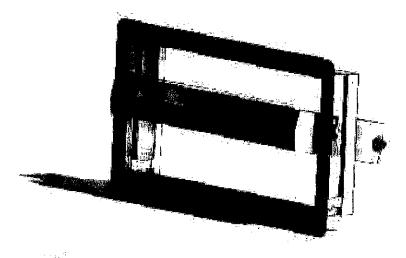


FIGURE 3. SMART VENT: SHOWN WITH FLOOD DOOR PIVOTED OPEN