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

RECEIVED

NOV 14 2018

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

ELEVATION CERTIFICATE

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CONSTRUCTION OFFICE
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 INSUR	ANCE COMPANY USE		
A1. Building Owner's Name	Policy Numb	er:		
Harbaugh Developers				
 A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) of Box No. 118 87th Street 	r P.O. Route and Company N	AIC Number:		
City State	ZIP Code			
Stone Harbor New Jer	sey 08247			
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Block 86.02 Lots 31 & 33				
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory,	etc.) Residential			
A5. Latitude/Longitude: Lat. N 39°03'30.67" Long. W 074°45'07.2	8" Horizontal Datum: NAD 1	927 X NAD 1983		
A6. Attach at least 2 photographs of the building if the Certificate is being a				
A7. Building Diagram Number 8				
A8. For a building with a crawlspace or enclosure(s):				
- , , , , ,	317.00 sq ft			
b) Number of permanent flood openings in the crawlspace or enclosur		de 7		
c) Total net area of flood openings in A8.b 1400.00 sq ir				
d) Engineered flood openings? Yes No				
				
A9. For a building with an attached garage:				
a) Square footage of attached garageN/A sq f				
b) Number of permanent flood openings in the attached garage within	1.0 foot above adjacent grade N/A			
c) Total net area of flood openings in A9.b N/A so	in			
d) Engineered flood openings? Yes X No				
SECTION B – FLOOD INSURANCE RATE	MAP (FIRM) INFORMATION			
B1. NFIP Community Name & Community Number B2. County		B3. State		
Borough of Stone Harbor #345323 Cape May		New Jersey		
B4. Map/Panel B5. Suffix B6. FIRM Index Date B7. FIRM Panel Effective/	B8. Flood Zone(s) B9. Base Flood E (Zone AO, use	evation(s) Base Flood Depth)		
34009C0242 F 10-05-2017 Revised Date 10-05-2017	AE 8			
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9:				
☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other/Source:				
B11. Indicate elevation datum used for BFE in Item B9: NGVD 1929	NAVD 1988 ☐ Other/Source:			
□ B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No				
Designation Date: CBRS OPA				

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			FOR INSURANCE COMPANY USE			
118 87th Street			_	Policy Number:		
City Ston	City State ZIP Code Stone Harbor New Jersey 08247		Company NAIC Number			
SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)						
C1. Building elevations are based on: Construction Drawings* Building Under Construction*				uction* [K Finish	ed Construction
	*A new Elevation Certificate will be required when		-	/AE AD/A4	^	RIAH ARIAO
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: PID# DP1519 Vertical Datum: NAVD 1988 				neters.	
	Indicate elevation datum used for the elevations in items a) through h) below.					
	☐ NGVD 1929 ☒ NAVD 1988 ☐ Other		a RFF			
Datum used for building elevations must be the same as that used for the BFE.					asurement used.	
	a) Top of bottom floor (including basement, crawle	space, or enclosure flo	oor)		∰ feet	meters
	b) Top of the next higher floor				{} feet	meters
12.1	c) Bottom of the lowest horizontal structural memi	ber (V Zones only)			{ feet ⊘ feet	☐ meters
	d) Attached garage (top of slab)			N/A D	< feet	[11] merera
	 e) Lowest elevation of machinery or equipment se (Describe type of equipment and location in Co 	mments)			feet	meters
	f) Lowest adjacent (finished) grade next to building	ng (LAG)			₹] feet	☐ meters
	g) Highest adjacent (finished) grade next to buildi	·		8.40	< feet	meters
	Lowest adjacent grade at lowest elevation of destructural support	eck or stairs, including		7.71	< feet	meters
	SECTION D – SURVEYO					
	one of the terminal and a second		architect authorized b	v law to ce	tify elev	ation information
This I ce stat	s certification is to be signed and sealed by a land s rtify that the information on this Certificate represent ement may be punishable by fine or imprisonment to	nts my best efforts to in under 18 U.S. Code, S	nterpret the data availa Section 1001.	able. I unde	erstand t	hat any false
l ce stat	s certification is to be signed and sealed by a land s rtify that the information on this Certificate represent ement may be punishable by fine or imprisonment to re latitude and longitude in Section A provided by a	nts my best efforts to ir under 18 U.S. Code, S	Section 1001.	apie. I unde	erstanu t	hat any false e if attachments.
I ce stat We Cer	rtify that the information on this Certificate represent ement may be punishable by fine or imprisonment (nts my best efforts to ir under 18 U.S. Code, S	Section 1001.	apie. I unde	erstanu t	nat any raise
Ve Cer Ste	rtify that the information on this Certificate represent ement may be punishable by fine or imprisonment of re latitude and longitude in Section A provided by a tifier's Name wen C. Woodrow	its my best efforts to in under 18 U.S. Code, S licensed land surveyo License Number	Section 1001.	apie. I unde	erstand t	e if attachments.
Cer Ster Cer Ster Title	rtify that the information on this Certificate represent ement may be punishable by fine or imprisonment of the latitude and longitude in Section A provided by a stifier's Name oven C. Woodrow od Surveyor	its my best efforts to in under 18 U.S. Code, S licensed land surveyo License Number	Section 1001.	apie. I unde	erstand t	nat any raise
Cer Stee Cer Stee Title Lan	rtify that the information on this Certificate represent ement may be punishable by fine or imprisonment of re latitude and longitude in Section A provided by a tifier's Name wen C. Woodrow	its my best efforts to in under 18 U.S. Code, S licensed land surveyo License Number	Section 1001.	apie. I unde	eck here	e if attachments.
Cer Stee Title Lan Cor Dar	rtify that the information on this Certificate represent ement may be punishable by fine or imprisonment or latitude and longitude in Section A provided by a tifler's Name oven C. Woodrow of Surveyor and Surveyor	its my best efforts to in under 18 U.S. Code, S licensed land surveyo License Number	Section 1001.	apie. I unde	eck here	e if attachments.
Ve State VVe Cerr Stee Tittle Land Corr Dar Adda 418	rtify that the information on this Certificate represent ement may be punishable by fine or imprisonment or latitude and longitude in Section A provided by a stifler's Name oven C. Woodrow of Surveyor of Survey	its my best efforts to in under 18 U.S. Code, S licensed land surveyo License Number	Section 1001.	apie. I unde	eck here	e if attachments.
Cer Stee Tittle Lan Cor Dar Add 418 City Med	rtify that the information on this Certificate represent ement may be punishable by fine or imprisonment or latitude and longitude in Section A provided by a stiffier's Name oven C. Woodrow of d Surveyor supany Name of Guzzi Engineering Associates stokes Road	state New Jersey Date 11-01-2018	ZIP Code 08055 Telephone (609) 654-4440	Ext.	neck here	e if attachments. lace seal
Cer Stee Title Lan Cor Dar Add 418 City Med	rtify that the information on this Certificate represent ement may be punishable by fine or imprisonment or latitude and longitude in Section A provided by a tiffier's Name oven C. Woodrow of Surveyor an annual Engineering Associates are Stokes Road	state New Jersey Date 11-01-2018	ZIP Code 08055 Telephone (609) 654-4440	Ext.	neck here	e if attachments. lace seal
Corporate Corpor	rtify that the information on this Certificate represent ement may be punishable by fine or imprisonment or latitude and longitude in Section A provided by a stiffier's Name oven C. Woodrow of d Surveyor supany Name of Guzzi Engineering Associates stokes Road	State New Jersey Date 11-01-2018 ments for (1) communit per C2(e), if applicable was the HVAC unit loc	ZIP Code 08055 Telephone (609) 654-4440 y official, (2) insurance	Ext.	pany, an	e if attachments. ACC CONTRACT CONTRACT ACC CONTRACT ACC ACC ACC ACC ACC ACC ACC
Versital Ver	re latitude and longitude in Section A provided by a tifler's Name ven C. Woodrow do Surveyor store Guzzi Engineering Associates Stokes Road Afford The latitude and longitude in Section A provided by a tifler's Name ven C. Woodrow do Surveyor store and the surveyor store and survey all'pages of this Elevation Certificate and all attachments (including type of equipment and location, provest equipment visible at the time of the Survey	State New Jersey Date 11-01-2018 ments for (1) communit per C2(e), if applicable was the HVAC unit loc	ZIP Code 08055 Telephone (609) 654-4440 y official, (2) insurance	Ext.	pany, an	e if attachments. ACC CONTRACT CONTRACT ACC CONTRACT ACC ACC ACC ACC ACC ACC ACC

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IMPORTANT: In these spaces, copy the corresponding	FOR INSURANCE COMPANY USE		
Building Street Address (including Apt., Unit, Suite, and/ 118 87th Street	or Bldg. No.) or P.O. Re	oute and Box No.	Policy Number:
		P Code 247	Company NAIC Number
SECTION E – BUILDING ELE FOR ZONE	VATION INFORMATI AO AND ZONE A (W		REQUIRED)
For Zones AO and A (without BFE), complete Items E1-complete Sections A, B,and C. For Items E1-E4, use na enter meters.	E5. If the Certificate is tural grade, if available	intended to support a . Check the measure	a LOMA or LOMR-F request, ment used. In Puerto Rico only,
E1. Provide elevation information for the following and of the highest adjacent grade (HAG) and the lowest act a) Top of bottom floor (including basement,		oxes to show whethe	r the elevation is above or below
crawlspace, or enclosure) is		feet meter	rs 🔲 above or 🔲 below the HAG.
Top of bottom floor (including basement, crawlspace, or enclosure) is	4	feet meter	rs 🔲 above or 🔲 below the LAG.
E2. For Building Diagrams 6-9 with permanent flood op	enings provided in Sec	tion 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 meter	
E3. Attached garage (top of slab) is		☐ feet ☐ meter	rs 🔲 above or 🔲 below the HAG.
E4. Top of platform of machinery and/or equipment servicing the building is		et meter	rs ☐ above or ☐ below the HAG.
E5. Zone AO only: If no flood depth number is available floodplain management ordinance? Yes	, is the top of the bottor No Unknown. Th	n floor elevated in ac ne local official must	cordance with the community's certify this information in Section G.
SECTION F - PROPERTY OWN	ED (OD OMMEDIS DE	DDECENTATIVE) CE	ERTIFICATION

The property owner or owner's authorized representative community-issued BFE) or Zone AO must sign here. The	e who completes Section e statements in Section	ns A, B, and E for ∠o s A. B. and E are cor	rect to the best of my knowledge.
Property Owner or Owner's Authorized Representative's	Ivaille		
Address	City	St	ate ZIP Code
Signature	Date	Te	lephone
Comments			
estate of			
AND CONTRACTOR OF THE CONTRACT			

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IMPORTANT: In these spaces, copy the corre	FOR INSURANCE COMPANY USE			
Building Street Address (including Apt., Unit, St 118 87th Street	No. Policy Number:			
City	State ZIP Code	Company NAIC Number		
Stone Harbor	New Jersey 08247			
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.				
engineer, or architect who is authoriz data in the Comments area below.)	en from other documentation that has been s ed by law to certify elevation information. (Inc	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			
G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate of		
12-12758	2/21/18	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:	basement)	Magnet meters Datum Navol988		
G9. BFE or (in Zone AO) depth of flooding at t	-	Feet meters Datum NAVD 1988		
G10. Community's design flood elevation:	11.00	✓ feet		
Local Official's Name	Title			
MICHAEL KOOCHE	MBERE CONST	RUCTION OFFICIAL		
Community Name	Telephone			
BOROUGH OF STO	NE HARBOR 609	· 368 · 68 14		
Signature Date (1 2018				
Comments (including type of equipment and loc	cation per C2(e) if applicable)	0110		
Confinents (including type of equipment and loc	запоп, рег С2(е), п аррпсавле)			
f Chris				
"Siar				
		Check here if attachments.		

BUILDING PHOTOGRAPHS

ELEVATION CERTIFICATE

See Instructions for Item A6.

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IMPÒRTANT: 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.

118 87th Street

City State ZIP Code
Stone Harbor New Jersey 08247

FOR INSURANCE COMPANY USE

FOR INSURANCE COMPANY USE

Company NAIC Number:

Company NAIC Number

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below according to the instructions for Item A6. Identify all photographs with date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." 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.

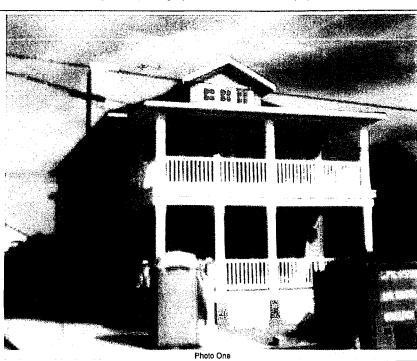


Photo One Caption FRONT VIEW (10/31/2018)

Clear Photo One

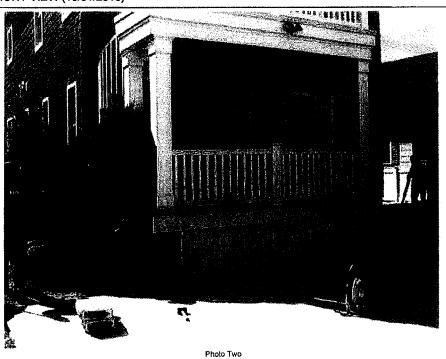


Photo Two Caption REAR VIEW (10/31/2018)

Clear Photo Two

BUILDING PHOTOGRAPHS

Continuation Page

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Building Street Address (including Ap 118 87th Street	Policy Number:		
City	State	ZIP Code	Company NAIC Number
Stone Harbor	New Jersey	08247	

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



Photo Three Caption RIGHT SIDE VIEW (10/31/2018)

Clear Photo Three



Photo Four Caption LEFT SIDE VIEW (10/31/2018)



ICC-ES Evaluation Report

ESR-2074 CBC and CRC Supplement

Issued January 2017

This report is subject to renewal February 2019.

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

A Subsidiary of the International Code Council®

DIVISION: 08 00 00-OPENINGS

Section: 08 95 43-Vents/Foundation Flood Vents

REPORT HOLDER:

SMARTVENT PRODUCTS, INC. 430 ANDBRO DRIVE, UNIT 1 PITMAN, NEW JERSEY 08071 (877) 441-8368 www.smartvent.com info@smartvent.com

EVALUATION SUBJECT:

SMART VENT® AUTOMATIC FOUNDATION FLOOD VENTS: MODELS #1540-520; #1540-521; #1540-510; #1540-511; #1540-570; #1540-574; #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 evaluation report ESR-2074, have also been evaluated for compliance with codes noted below.

Applicable code edition:

- 3 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.

Engineered Flood Openings Certificate To satisfy requirements of the National Flood Insurance Program

This certification must be submitted to, and kept on file by, the local jurisdiction's permit authority. A copy should be retained by the owner to demonstrate compliance in order to receive the best flood incurance rating.

The Smart VENTO and Flood VENTO: Remainion Flood Vent is initial as meeting the flood opening requirements for engineered openings not not forth in the Federal Emergency Ministrance Reports Flood Income Program impulsions (44 CFR 60.3(c)(5)) and ASCE 24-buildings, attached and detached gauges, and account statement, as account of the report flood propage are required in ancioners below elevated buildings, attached and detached gauges, and accounty structures that most the report flood propage are required to report dominating this certification dated Inno 21, 2002, and a copy of the National Evaluation Service report NER 524, course Sourt VENT, Inc., at 877/41-4368 or visit CHARLE TO THE STATE OF THE STAT

WWW.sourtvent.com

I do hereby certify that the Smart VENET Louvered Foundation Flood Vent and the FloodVENT Insulated Foundation Flood Vent opening (s) is designed for installation in buildings, will allow for the automatic equalizing of hydrostatic flood forces on exterior valls by allowing for the automatic entry and exit of floodwater during floods up to and including the base (100-year) flood. One Smart VENTO or one FloodVENTM for every 200 Sq.Rt. of enclosed area will provide sufficient hydrostatic pressure equalization during a flood provided the installation insitutions and instructions are followed as listed below. To Calculate the required an ober of Smart VENTSO or FloodVENTS™ divide the Square Feet of enclosed area by 200.

Example: A 2000 Sq. Rt. exclosed area requires 10 years 2000 Sq. Rt / 200 = 10 Vents

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*Project Name		The second	
*Project Address			
*Date Submitted		Popularization in the Contract of the Contract	
* Required Fields*		1. ,	
	1. 1. 1. 1. 1.		Professional Seal

- The Smart VENT® or FloodVENT's and provides authors submitted of hydrocatic pressure on walls and foundations of buildings located in flood burnel submitted the rest of the second in the first overprinted by I feet the rest of the second in the second second in the second se
- installation must be in accordance with installations of a constitutions.

and the same of the same of the same METEROLOGIA DA LOGICA DE LA CONTRACTION DEL CONTRACTION DE LA CONT Guidance for Engineered Openings Openings in Foundation Walls

National Flood Insurance Program (NEIP) Technical Bulletin TB 1-93 "In situations where it is not fearible to meet the openings criteria stand proposally, adding professional (registered engineer or architect) may design and certify openings. This section provides guidested in additionally a design. For openings and certify openings. This section provides guidested designs. For openings and meeting all four required. Such certification must be submitted to, and loye on file by, the community is required just many community officials that the openings are designed in accordance with accepted standards of gractice. Accordington to efficial in the design drawings or submitted acquainty. It must include appropriate certification language, such the same, title address appropriate to the design drawings or submitted scale of the certifier." (TB 1-93 is available through Smart VENTED or online at warm from gov)

Form: SMRT100 Rev.A July 2002
This form is the property of Smart VENT No. Moderation of Duplication in Smich Providing without authorization.

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