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

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

# 810/14.02

## **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	ON A - PROPERTY II	NFORM	MATION		FOR INSUR	ANCE COMPANY USE
A1. Building Owner's Name						Policy Number:	
Ken Adams							
<ul><li>A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.</li><li>#417 bay Avenue</li></ul>				Route and	Company N	AIC Number:	
City				State		ZIP Code	
Somers Point	· ·					08244	
	A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Block 810 Lot 14.02						
A4. Building Use (e.	g., Residenti	al, Non-Residential, A	ddition,	Accessory, etc.)	RESIDENTIAL		
A5. Latitude/Longitu	de: Lat. 39.	3197 L	ong. <u>-7</u>	4.5869	Horizontal Datum	:	927 🗵 NAD 1983
A6. Attach at least 2	photographs	s of the building if the	Certific	ate is being used to	obtain flood insura	ance.	
A7. Building Diagrar	n Number _	7					
A8. For a building w	ith a crawlsp	ace or enclosure(s):					
a) Square foota	ige of crawls	pace or enclosure(s)		1,200 sq ft			
b) Number of p	ermanent floo	od openings in the cra	wlspac	e or enclosure(s) wi	thin 1.0 foot above	adjacent gra	ade7
c) Total net are	a of flood ope	enings in A8.b1,40	00s	q in			
d) Engineered t	lood opening	s? Yes 🗵 No	•				
A9. For a building w	ith an attache	ed garage:					
a) Square foots	a) Square footage of attached garage 0 sq ft						
b) Number of p	ermanent flo	od openings in the atta	ached g	garage within 1.0 foo	ot above adjacent	grade	0
c) Total net are	a of flood ope	enings in A9.b	0	sq in			
d) Engineered	flood opening	gs? ☐ Yes ☒ N	0	- '			
, ,	a) Engineered need openings.   Test Mine						
	SE	CTION B - FLOOD IN	ISURA	NCE RATE MAP	(FIRM) INFORMA	ATION	
B1. NFIP Community Name & Community Number City of Somers Point 340017			B2. County Name Atlantic County			B3. State New Jersey	
B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date		IRM Panel ffective/	B8. Flood Zone(s		se Flood Elevation(s) ne AO, use Base
340017/0001	В	11/17/1982	R	evised Date 7/1982	A-5**	9**	od Depth)
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: X 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 D	Designation Date: CBRS OPA						
							_

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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 #417 bay Avenue	Policy Number:				
City State ZIP of Somers Point New Jersey 0824	Code 14	Company NAIC Number			
SECTION C - BUILDING ELEVATION INFORMAT	ION (SURVEY R	EQUIRED)			
C1. Building elevations are based on: Construction Drawings* Building Under 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: private Vertical Datum: NGVD29					
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 B					
Datam used for building elevations must be the same as that used for the B	rc.	Check the measurement used.			
a) Top of bottom floor (including basement, crawlspace, or enclosure floor)		X feet			
b) Top of the next higher floor	20. 6	X feet  meters			
c) Bottom of the lowest horizontal structural member (V Zones only)	N/A.	X feet			
d) Attached garage (top of slab)	N/A	X feet    meters			
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	12. 3	X feet  meters			
f) Lowest adjacent (finished) grade next to building (LAG)	9.0	X feet    meters			
g) Highest adjacent (finished) grade next to building (HAG)	<u> </u>	X feet  meters			
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	N/A	X feet  meters			
SECTION D – SURVEYOR, ENGINEER, OR ARC	CHITECT CERTIF	ICATION			
This certification is to be signed and sealed by a land surveyor, engineer, or arc I certify that the information on this Certificate represents my best efforts to interstatement may be punishable by fine or imprisonment under 18 U.S. Code, Sec	pret the data avails	y law to certify elevation information. able. I understand that any false			
Were latitude and longitude in Section A provided by a licensed land surveyor?					
Certifier's Name License Number Paul M. Koelling, PLS, CFM NJ24GS 04328800					
Title Licensed Land Surveyor					
Company Name Paul Koelling & Associates, LLC NJ C.O.A. No. 24GA28256300	Place Seal				
Address 2161 Shore Road		Here			
City State Linwood New Jersey	ZIP Code 08221				
Signature Date 4-10-18	Telephone (609) 927-0279				
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)  *A8.) Smart Vents Model #1540-520 engineered for 200 square inches of net area each installed on exterior walls474 sq. ft. rear room vented with three (3) Smart vents726 front area is vented with four (4) Smart vents  726 front area consists of a 519 sq. ft. garage vented thru interior walls to the 207 sq. ft. foyer  **B8 & B9.) DWELLING is in the FIRM ZONE A-5, portions of the property remain in FIRM Zone BDWELLING is in the FEMA Pre-FIRM Zone "AE"Base Flood Elevation 10 ft. (NAVD88) converted = 11.3 ft. (NGVD29)  ***C2a.) enclosure  ****C2e.) Air Condenser (elev 12.3)ductwork (elev 12.5)furnace (elev 12.5)					
2.3.7 th 35.135. (5.54 12.5)duction (5.64 12.6)	-,				

## **ELEVATION CERTIFICATE**

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IMPORTANT: In these spaces, copy the corresponding information from Section A.				FOR INSURANCE COMPANY USE	
Building Street Address (including Apt., Unit, Suite, and #417 bay Avenue	/or Bldg. No.) or	P.O. Route and	Box No.	Policy Number:	
_ •	State New Jersey	ZIP Code 08244		Company NAIC Number	
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).					
<ul> <li>a) Top of bottom floor (including basement, crawlspace, or enclosure) is</li> <li>b) Top of bottom floor (including basement,</li> </ul>		[] fe	et 🗌 mete	rs above or below the HAG.	
crawlspace, or enclosure) is	•	<del>_</del>	et mete		
E2. For Building Diagrams 6–9 with permanent flood o the next higher floor (elevation C2.b in the diagrams) of the building is	penings provided		ems 8 and/or et		
E3. Attached garage (top of slab) is			et 🗌 mete		
E4. Top of platform of machinery and/or equipment servicing the building is	NE	∏fe	et 🗌 mete	rs  above or below the HAG.	
E5. Zone AO only: If no flood depth number is availabl floodplain management ordinance? Yes	e, is the top of the	e bottom floor e	evated in ac	ccordance with the community's	
SECTION F - PROPERTY OW	NER (OR OWNE	R'S REPRESE!	TATIVE) C	ERTIFICATION	
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	S	tate ZIP Code	
Signature	!	Date	To	elephone	
Comments				· · · · · · · · · · · · · · · · · · ·	
				Chartebras W. W. J. C.	
				Check here if attachments.	

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 $g = -a \cdot 18$ 

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Building Street Address (including Apt., Unit, Suite, and/or #417 bay Avenue						
City Sta Somers Point New	te ZIP Code w Jersey 08244	Company NAIC Number				
SECTION G - CO	MMUNITY INFORMATION (OPTIC	NAL)				
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.)						
G2. A community official completed Section E for a or Zone AO.	building located in Zone A (without	a FEMA-issued or community-issued BFE)				
G3. The following information (Items G4–G10) is pro-	ovided for community floodplain ma	nagement purposes.				
G4. Permit Number G5. Date	e Permit Issued	G6. Date Certificate of Compliance/Occupancy Issued				
G7. This permit has been issued for:	nstruction  Substantial Improvem	ent				
G8. Elevation of as-built lowest floor (including basemer of the building:	nt)	feet meters Datum				
G9. BFE or (in Zone AO) depth of flooding at the buildin	g 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	Comments (including type of equipment and location, per C2(e), if applicable)					
		☐ Check here if attachments.				

■ 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<sup>®</sup> 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® 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 =  $m^2$ 

# **Building Photographs**

	For Insurance Company Use: Policy Number		
Building Street Address (includin #417 Bay Avenue			
City Somers Point	State New Jersey	ZIP Code <b>08244</b>	Company NAIC Number

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least two 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." If submitting more photographs than will fit on this page, use the Continuation Page on the reverse.





Front View - Date of Photograph: (See Photo Stamp)

Rear View – Date of Photograph: (See Photo Stamp)





Right Side View - Date of Photograph: (See Photo Stamp)

Left Side View – Date of Photograph: (See Photo Stamp)