U.S. DEPARTMENT OF HOMELAND SECURITY
FEDERAL EMERGENCY MANAGEMENT AGENCY
*National Flood Insurance Program*

# ELEVATION CERTIFICATE

**Important: Read the instructions on pages 1–9.**

OMB No. 1660-0008
Expiration Date: July 31, 2015

## SECTION A – PROPERTY INFORMATION

FOR INSURANCE COMPANY USE
Policy Number:
Company NAIC Number:

A1. Building Owner's Name GARY BOSSICK

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
24 PINEVIEW AVENUE
City KEANSBURG State NJ ZIP Code 07734

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
BLOCK 20, LOT 7

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) RESIDENTIAL

A5. Latitude/Longitude: Lat. 40-27-05.3 Long. 74-07-47.0 Horizontal Datum: ☐ NAD 1927 ☒ NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number 1B

A8. For a building with a crawlspace or enclosure(s):
- a) Square footage of crawlspace or enclosure(s) 854 sq ft
- b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 5
- c) Total net area of flood openings in A8.b 1000 sq in
- d) Engineered flood openings? ☒ Yes ☐ No

A9. For a building with an attached garage:
- a) Square footage of attached garage PG 2 sq ft
- b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade PG 2
- c) Total net area of flood openings in A9.b PG 2 sq in
- d) Engineered flood openings? ☒ Yes ☐ No

## SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

| B1. NFIP Community Name & Community Number | B2. County Name | B3. State |
|---|---|---|
| BOROUGH OF KEANSBURG 340303 | MONMOUTH | NEW JERSEY |

| B4. Map/Panel Number | B5. Suffix | B6. FIRM Index Date | B7. FIRM Panel Effective/Revised Date | B8. Flood Zone(s) | B9. Base Flood Elevation(s) (Zone AO, use base flood depth) |
|---|---|---|---|---|---|
| 34025C0034F | F | 09/25/2009 | 09/25/2009 | AE | 11 |

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

## SECTION C – BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☐ Building Under Construction* ☒ 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: KV0740 Vertical Datum: NAVD 1988
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) | 6.7 | ☒ feet | ☐ meters |
| b) Top of the next higher floor | 15.7 | ☒ feet | ☐ meters |
| c) Bottom of the lowest horizontal structural member (V Zones only) | N/A | ☐ feet | ☐ meters |
| d) Attached garage (top of slab) | 6.7 | ☒ feet | ☐ meters |
| e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) | 21.2 | ☒ feet | ☐ meters |
| f) Lowest adjacent (finished) grade next to building (LAG) | 6.2 | ☒ feet | ☐ meters |
| g) Highest adjacent (finished) grade next to building (HAG) | 6.5 | ☒ feet | ☐ meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support | 6.3 | ☒ feet | ☐ meters |

## 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.*

☒ Check here if comments are provided on back of form.
☒ Check here if attachments.

Were latitude and longitude in Section A provided by a licensed land surveyor? ☐ Yes ☒ No

PLACE SEAL HERE

Certifier's Name RICHARD A. MCBURNIE License Number GS36262
Title SURVEYOR Company Name MCBURNIE LAND SURVEYING
Address 33 ASBURY AVENUE City ATLANTIC HIGHLANDS State NJ ZIP Code 07716
Signature [signature] Date 12/20/2014 Telephone 732-291-2903

| 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.<br>24 PINEVIEW AVENUE | Policy Number: |
| City KEANSBURG State NJ ZIP Code 07734 | Company NAIC Number: |

## SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments LONGITUDE AND LATITUDE WERE DERIVED FROM GOOGLE EARTH. THE TANKLESS HOTWATER HEATER IS LOCATED 5.5 FEET ABOVE THE NEXT HIGHEST FLOOR. THE FURNACE IS IN THE ATTIC AT APPROXIMATE ELEVATION 33.2. THE LOWEST FLOOR HAS GARAGE DOORS IN THE FRONT AND REAR OF THE STRUCTURE. THE BFE INDICATED ON THE PRELIMINARY FIRM MAP 34025C0034G RELEASED ON 01/31/2014 IS ELEVATION 11. THERE ARE 5 SMART VENT MODEL 1540-520 FLOOD VENTS IN THE FOUNDATION.

Signature  Date 12/20/2014

## SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
   a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
   b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the LAG.

E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8–9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E3. Attached garage (top of slab) is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E4. Top of platform of machinery and/or equipment servicing the building is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

## SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner's or Owner's Authorized Representative's Name

Address City State ZIP Code

Signature Date Telephone

Comments

☐ Check here if attachments.

## SECTION G – COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8–G10. In Puerto Rico only, enter meters.

G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)

G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.

G3. ☐ The following information (Items G4–G10) is provided for community floodplain management purposes.

| G4. Permit Number | G5. Date Permit Issued | G6. Date Certificate Of Compliance/Occupancy Issued |
|---|---|---|
| | | |

G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building: _____.____ ☐ feet ☐ meters Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____.____ ☐ feet ☐ meters Datum _____

G10. Community's design flood elevation: _____.____ ☐ feet ☐ meters Datum _____

Local Official's Name Title

Community Name Telephone

Signature Date

Comments

☐ Check here if attachments.

# Building Photographs

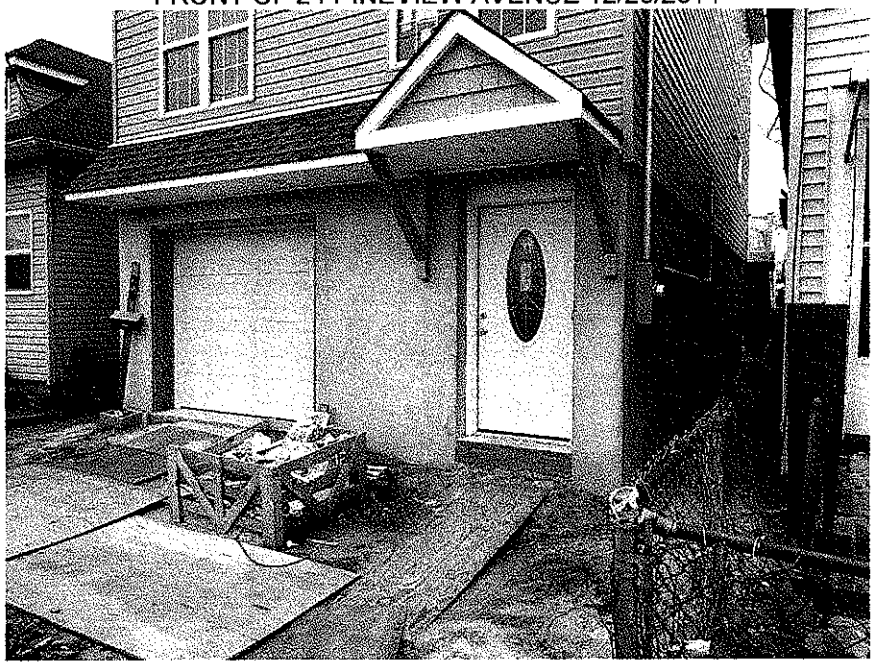
See Instructions for Item A6.

**IMPORTANT: In these spaces, copy the corresponding information from Section A.**

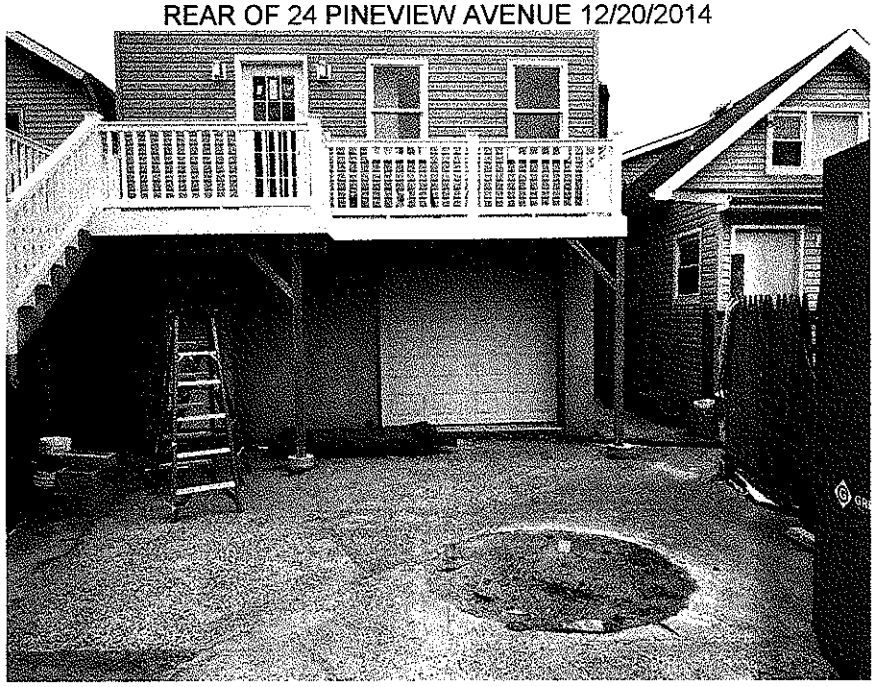
| | |
|---|---|
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>24 PINEVIEW AVENUE | FOR INSURANCE COMPANY USE<br>Policy Number: |
| City KEANSBURG State NJ ZIP Code 07734 | Company NAIC Number: |

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.

FRONT OF 24 PINEVIEW AVENUE 12/20/2014



REAR OF 24 PINEVIEW AVENUE 12/20/2014



# Building Photographs

Continuation Page

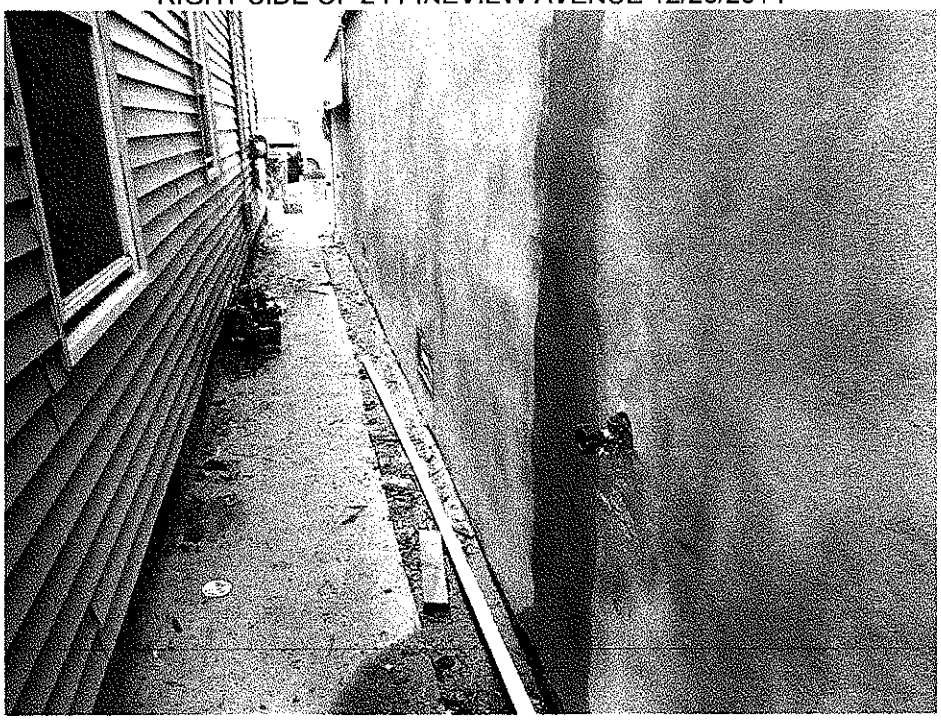
**IMPORTANT: In these spaces, copy the corresponding information from Section A.**

| | |
|---|---|
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>24 PINEVIEW AVENUE | FOR INSURANCE COMPANY USE<br>Policy Number: |
| City KENASBURG State NJ ZIP Code 07734 | 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.

LEFT SIDE OF 24 PINEVIEW AVENUE 12/20/2014

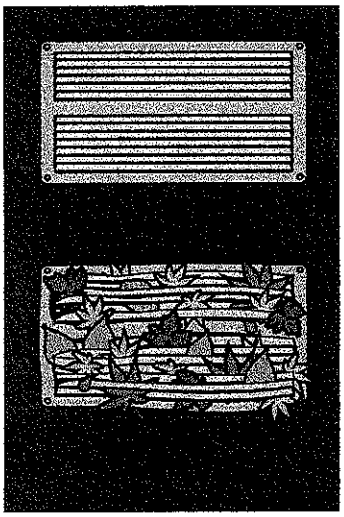
RIGHT SIDE OF 24 PINEVIEW AVENUE 12/20/2014



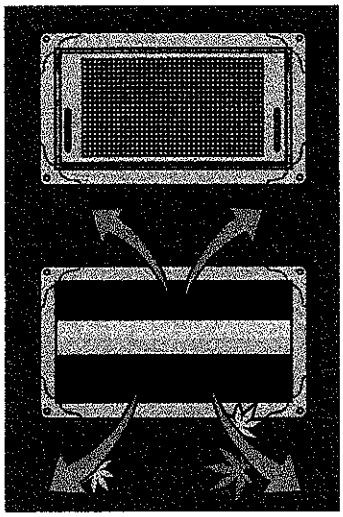
# SMART FACTS

On New FEMA, NFIP and ICC Building Code Requirements for "A" Zone Properties.

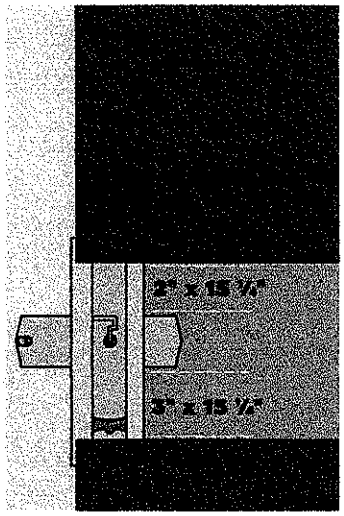
## Net Openings vs. Gross Openings



Standard air vents with screen or slats don't allow debris to flow through the opening.



SMART VENTS pivot open to allow water and debris to flow freely through the enclosure.




Side view of an open SMART VENT.

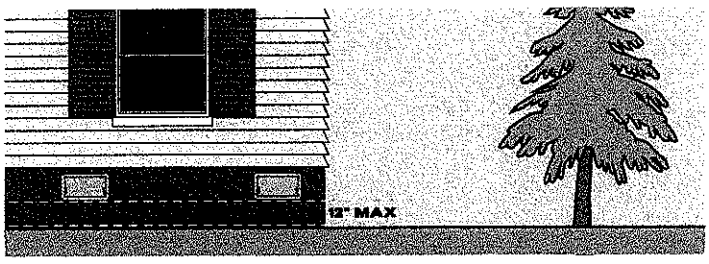
Typically, the average 16" x 8" foundation air vents **ARE NOT** permanently disabled in the open position. An air vent that is not permanently open is rated at 0 inches of net opening for flood protection.

Additionally, screening and slats take up on average from 60–80% of the 128 sq. inches that is the size of a typical air vent. A standard air vent will only provide 42 sq. inches of net opening.

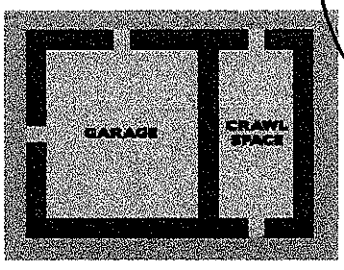
An engineered SMART VENT is certified for 200 sq. feet per vent.

A 3" opening must be maintained at all times in accordance with ASCE 24-05 for any flood opening accepted to allow debris to flow through.

## Placement Requirements




The bottom of each flood vent is to be located no higher than 1 foot above the highest interior or exterior adjacent grade below the vent *(FEMA TB1-08, PAGE 7)*.

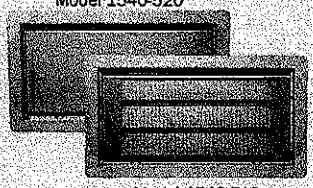



There must be at least 2 openings on different walls per each enclosed area below the Base Flood Eelevation *(FEMA TB1-08, PAGE 13)*.

## ELIMINATE LIABILITY

**Be sure to get the facts before you put your name on the line.**

Model 1540-520



Model 1540-510

- Superior Flood Protection
- Advanced Ventilation
- Code Compliant
- FEMA Accepted
- ICC-ES Certified ESR-2074
- Certified for 200 sq. feet of Flood Protection per vent

Engineered openings have been designed and tested as flood vents. For example, SMART VENTS are ICC-ES Certified for 200 sq. feet of flood protection per 16" x 8" vent.

Non-Engineered openings have not gone through any of the required testing to qualify as an engineered flood vent and typically are soley intended for use as an air vent. Therefore, they are rated at the perscriptive method of 1 net sq. inch of opening per 1 foot of enclosed area.

SMART VENT
Foundation Flood Vents

Smart Vent Products, Inc.
450 Andbro Drive
Suite 2B
Pitman, NJ 08071

Toll Free (877) 441-8368
Fax (856) 612-5000
**www.smartvent.com**
info@smartvent.com

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