

# 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 JOHN FLEMING				Policy Number: <b>AUG 25 2017</b>	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 106 E. 9TH AVENUE				Company NAIC Number: CONSTRUCTION DEPARTMENT CITY OF NORTH WILDWOOD ZIP Code	
City NORTH WILDWOOD		State New Jersey		08260	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) LOT 4, BLOCK 211					
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>RESIDENTIAL</u>					
A5. Latitude/Longitude: Lat. <u>39.00333</u> Long. <u>-74.79861</u> Horizontal Datum: <input type="checkbox"/> NAD 1927 <input checked="" type="checkbox"/> 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 <u>6</u>					
A8. For a building with a crawlspace or enclosure(s):					
a) Square footage of crawlspace or enclosure(s) <u>640</u> sq ft					
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <u>4</u>					
c) Total net area of flood openings in A8.b <u>952</u> sq in					
d) Engineered flood openings? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
A9. For a building with an attached garage:					
a) Square footage of attached garage <u>0</u> sq ft					
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <u>0</u>					
c) Total net area of flood openings in A9.b <u>0</u> sq in					
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION					
B1. NFIP Community Name & Community Number CITY OF NORTH WILDWOOD 345308			B2. County Name CAPE MAY		B3. State New Jersey
B4. Map/Panel Number 345308 0001	B5. Suffix E	B6. FIRM Index Date 07/20/1998	B7. FIRM Panel Effective/ Revised Date 07/20/1998	B8. Flood Zone(s) AE	B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) 10.0
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9: <input type="checkbox"/> FIS Profile <input checked="" type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other/Source: _____					
B11. Indicate elevation datum used for BFE in Item B9: <input checked="" type="checkbox"/> NGVD 1929 <input type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other/Source: _____					
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Designation Date: _____ <input type="checkbox"/> CBRS <input type="checkbox"/> OPA					



# ELEVATION CERTIFICATE

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

<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			<b>FOR INSURANCE COMPANY USE</b>
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 106 E. 9TH AVENUE			Policy Number:
City NORTH WILDWOOD	State New Jersey	ZIP Code 08260	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).
- 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 1–2 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

*16-335*

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 State ZIP Code

Signature Date Telephone

Comments

Check here if attachments.



**BUILDING PHOTOGRAPHS**

See Instructions for Item A6.

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Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 106 E. 9TH AVENUE			Policy Number:
City NORTH WILDWOOD	State New Jersey	ZIP Code 08260	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

Photo One Caption FRONT VIEW AND RIGHT SIDE VIEW

16-335



Photo Two

Photo Two Caption FRONT VIEW AND LEFT SIDE VIEW

**ELEVATION CERTIFICATE**

**BUILDING PHOTOGRAPHS**

Continuation Page

OMB No. 1660-0008

Expiration Date: November 30, 2018

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Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 106 E. 9TH AVENUE			Policy Number:
City NORTH WILDWOOD	State New Jersey	ZIP Code 08260	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 REAR VIEW

16-335



Photo Two

Photo Two Caption COOKE VENT 01 TYPICAL OF 4

16-335

# 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 flood insurance rating.

The Cooke Vent 01 is certified as meeting the flood openings requirements for engineering openings as set forth in the Federal Emergency Management Agency's National Flood Insurance Program regulations (44CFR 60.3(c)(5)) and ASCE 24-14, provided it is installed according to the references, as summarized below. Flood openings are required in enclosures below elevated buildings, attached and detached garages, and accessory structures that meet the required limitations.

I do hereby certify that the Cooke Flood Vent 01 is designed for installation in buildings, will allow for the automatic equalizing of hydrostatic flood forces on exterior walls by allowing for the automatic entry and exit of flood water during floods up to and including the base(100-year) flood. One Cooke Vent for every 238 Sq.Ft. of enclosed area will provide sufficient hydrostatic pressure equalization during a flood provided the installation limitations and instructions are followed as listed below. To calculate the required number of Cooke Vents divide the Square Feet of enclosed area by 238.

**\*Required Fields**

Signature: Antonio Ancona 5/13/2016  
Antonio Ancona, P.E. Date

Title: Consulting Engineer

Type of License: Professional Engineer

License Number NJ PE 24GE04021600

\*Project Name 16-335

\*Project Address 106 E. 9TH AVENUE, NORTH WILKWOOD, NJ 08260

\*Date Submitted \_\_\_\_\_

Professional Seal

### Installation Limitations and Instructions

1. The bottom of the vent shall be no higher than 12" from finished grade.
2. There shall be appropriate number of vents per foundation as needed to supply 1 square inch of net free space for 2.424 square feet of enclosed space for maximum rate of rise and fall of 5ft/hr or less. The flood protection area per inch of opening can be increased, per engineering calculation, for rate of rise and fall less than 5ft/hr, and the flood area per inch of opening shall be reduced, per engineering calculations, if the rate of rise and fall is greater than 5ft/hr.
3. The flood vents shall not be used for crawl space ventilation.
4. And, the vents shall not be restricted as to the operation of the drop out panel, this panel must be able to drop out freely at all times. A vent visual is to be performed after the initial installation of the vents, after completion of all building work or site grading done after the installation of the vents to ensure that the vent panel is free to drop out.
5. The flood vent openings are designed to automatically equalize hydrostatic flood loads on exterior walls by allowing entry and exit of flood waters in accordance with Engineered openings.
6. Note that Ancona and Associates, Inc., its employees, and any Ancona and Associates, Inc. associates do not assume any risk or liability for the flood vent or the vent installation, and makes no warranty of any kind, express or implied, with regard to the vents, or installation of the vents, unless Ancona and Associates, Inc. representative inspects and approves the vent installation

