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

applic 11/5/15

## SECTION A – PROPERTY INFORMATION

FOR INSURANCE COMPANY USE

A1. Building Owner's Name: **Richard Francis and Susan Francis**

Policy Number:

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
**29 Bayview Drive**

Company NAIC Number:

City: **Waretown** State: **NJ** ZIP Code: **08758**

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
**Lot 30.03, Block 239, Ocean Township**

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

A5. Latitude/Longitude: Lat. **39°46'31.69"** Long. **74°11'18.84"** 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: **6**

A8. For a building with a crawlspace or enclosure(s):
- a) Square footage of crawlspace or enclosure(s) **1133** 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 **1250** sq in
- d) Engineered flood openings? ☒ Yes ☐ No

A9. For a building with an attached garage:
- a) Square footage of attached garage **N/A** sq ft
- 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** 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 |
|---|---|---|
| **Ocean, Township of 340518** | **Ocean** | **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) |
|---|---|---|---|---|---|
| **34029C0414** | **F** | **September 29, 2006** | **September 29, 2006** | **AE** | **6** |

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: **RTCM-ID 0245** 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) | **3.6** | ☒ feet | ☐ meters |
| b) Top of the next higher floor | **12.7** | ☒ feet | ☐ meters |
| c) Bottom of the lowest horizontal structural member (V Zones only) | **N/A** | ☐ feet | ☐ meters |
| d) Attached garage (top of slab) | **N/A** | ☒ feet | ☐ meters |
| e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) | **8.2** | ☒ feet | ☐ meters |
| f) Lowest adjacent (finished) grade next to building (LAG) | **3.3** | ☒ feet | ☐ meters |
| g) Highest adjacent (finished) grade next to building (HAG) | **3.4** | ☒ feet | ☐ meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support | **3.4** | ☒ feet | ☐ meters |

received 10/26/15

## 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

Certifier's Name: **Jay F. Pierson** License Number: **27492**

Title: **Land Surveyor** Company Name: **East Coast Engineering, Inc. (2014-0719)**

Address: **508 Main Street** City: **Toms River** State: **NJ** ZIP Code: **08753**

Signature: Jay F. Pierson Date: **10/14/2015** Telephone: **732-244-3030**

PLACE SEAL HERE

| 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>**29 Bayview Drive** | Policy Number: |
| City: **Waretown** State: **NJ** ZIP Code: **08758** | 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: **Lowest Utility is elevator equipment at elevation 8.2', also air conditioning condenser on deck at elevation 8.6', furnace at elevation 8.9' HVAC Duct at elevation 8.3' and electric fuse box panel and outlet at elevation 8.2'. Property located in Preliminary FIRM Map 34029C0414G dated 1/30/15 Flood Zone 1% AE EL 7. Latitude & Longitude obtained by GPS. Enclosure has 5 USA Flood Vents (rated at 250 s.f. per vent). Property is under construction final lot grading is not complete at this time.**

Signature: Date: 10/14/2015

## 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>**29 Bayview Drive** | FOR INSURANCE COMPANY USE<br>Policy Number: |
| City: **Waretown** State: **NJ** ZIP Code: **08758** | 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.

**29 Bayview Drive, Front, 10/08/2015**

**29 Bayview Drive, Rear, 10/08/2015**

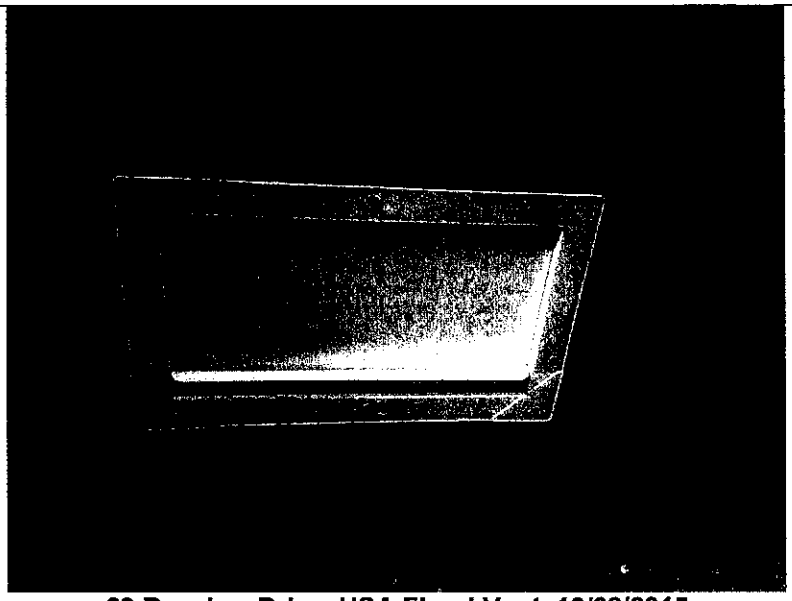
# Building Photographs

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>**29 Bayview Drive** | FOR INSURANCE COMPANY USE<br>Policy Number: |
| City: **Waretown** State: **NJ** ZIP Code: **08758** | 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.



**29 Bayview Drive, USA Flood Vent, 10/08/2015**

**29 Bayview Drive, Inside A/C Deck, 10/08/2015**

1-800-872-1993 * FAX 1-631-269-8872
website: www.usafloodairvents.com
Info@usafloodairvents.com

# RECOMMENDED INSTALLATION INSTRUCTIONS & DETAILS FOR SINGLE DOOR RETROFIT POWDER COATED & STAINLESS STEEL MODELS SRPC & SRSS

## RECOMMENDED INSTALLATION PROCEDURE:

1. Provide a clean, square and level rough opening for each vent with the bottom of the opening no more than 12" above the outside finished grade.
   (Garage Door Installation): Provide a rough opening of 8 1/4" x 14 5/8" (figure 2 & 3).
   (Stud Wall Installation): Vent will fit between 16" OC stud opening (figure 2 & 4).

2. Unhook the vent door, by pushing lower section of the door into the frame. Door will unhook once it is "90" degrees perpendicular to the frame.

3. Position the vent frame in the opening with the "V" channel at the bottom of opening. Ensure that frame is square and level. Apply a small bead of good quality exterior adhesive caulk on the backside of vent flange (figures 3 and 4). The caulk should hold the vent in place while you proceed to step 4.

4. (Garage Door Installation): Attach to garage door using the required amount of nuts and bolts in the holes provided in the flange (figure 3). Install metal backing strip on inside of garage door.
   (Stud Wall Installation): Attach to stud wall using the required amount of stainless steel screws in the holes provided in the flange (figure 4).

5. Reinstall the door by reversing the procedure in "Step 2". Be sure to reposition the pressure relief flap (rubber strip) on the bottom of the door in the frame channel.

6. For final inspection, check that the door is not binding in the frame. Test to see that it swings in a bidirectional manner (figure 3).

## DETAIL SPECIFICATIONS:

* Material: 22 Gauge 430 Alloy Stainless Steel (SRSS) or 22 Gauge A30 Mild Steel White Powder Coat (SRPC)

* Operation: Operation of vent is based on hydrostatic pressure (See Certificate of Compliance).

* Hydrostatic Relief: Each vent provides 250 sq. ft. of hydrostatic relief.

* Requirements: A minimum of 2 bidirectional vents are required for enclosed flood exposed area and should be installed on opposite or adjacent walls.
  Note: Consult with your local Code Official for compliance.



MEETS THE REQUIREMENTS FOR ENGINEERED OPENINGS AS SET FORTH BY:
FEMA, NFIP, ICC & ASCE
SUPPORTIVE DOCUMENTS, TB I-93, 44CFR 60.3(C)(5), ASCE 24-98