ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

SECTION A – PROPERTY INFORMATION

A1. Building Owner’s Name Nicholas M. & Elizabeth A. Habash

A2. Building Street Address (Including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
308 Florida Avenue

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
Lot A - Map Bk. 60, Pg. 273; Tax Parcel ID: R08807-002-001-000

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

A5. Latitude/Longitude: Lat. 34°03'27.8" Long. 77°53'17.2" 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 1

A8. For a building with a crawl space or enclosure (e): NA sq ft
   a) Square footage of crawl spaces or enclosure
   b) Number of permanent flood openings in the crawl space or enclosure (within 1 foot above adjacent grade)
   c) Total net area of flood openings in A8.b NA sq ft
   d) Engineered flood openings

A9. For a building with an attached garage:
   a) Square footage of attached garage ZQ sq ft
   b) Number of permanent flood openings in the attached garage within 1 foot above adjacent grade 0
   c) Total net area of flood openings in A8.b ZQ sq ft
   d) Engineered flood openings

SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number
   Town of Carolina Beach 375347

B2. County Name New Hanover

B3. State NC

B4. Map/Panels Number 3720313100

B5. Suffix J

B6. FIRM Index Date 2/10/2007

B7. FIRM Panel Effective/Revised Date 4/3/2005

B8. Flood Zone(s) AE

B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 12

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: _____

SECTION C – BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☐ Building Under Construction* ☒ Finished Construction


Benchmarks Utilized: See Comments

Vertical Datum: NAVD 88

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, crawl space, or enclosure floor) 5.4 ☒ feet ☐ meters

b) Top of the next higher floor 6.1 ☐ feet ☒ meters

c) Bottom of the lowest horizontal structural member (V Zones only) NA ☐ feet ☒ meters

d) Attached garage (top of slab) 5.7 ☒ feet ☒ meters

e) Lowest elevation of machinery or equipment servicing the building 5.7 ☒ feet ☒ meters

(Describe type of equipment and location in Comments)

f) Lowest adjacent (finished) grade next to building (LAG) 4.7 ☒ feet ☒ meters

g) Highest adjacent (finished) grade next to building (HAG) 5.4 ☒ feet ☒ meters

h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support 4.7 ☒ 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.

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

☐ Check here if attachments.

Certifier’s Name Bob M. Jones, Jr.

Title Prof. Land Surveyor

Company Name Robert H. Stelas & Associates, PA

Address 513 Chestnut St.

City Wilmington

State NC

ZIP Code 28428

Signature

Date 1/14/2019

Telephone (910)763-1941

PEMA Form 086-0-39 (7/12) See reverse side for continuation. Replaces previous editions.
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: The benchmark was established using the N.C. Geodetic Survey RTK VRS network. The lowest equipment servicing the building is the water heater located inside the house. The house is on a concrete slab with slightly different elevations. The ones shown are the highest and the lowest.

Signature ...
Date 1/14/2016

SECTION F - 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 Buildings Diagrams 6–9 with permanent flood openings provided in Section A Items B and/or C (see pages 8–9 of Instructions), the next higher floor (elevation C2b 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 ☐

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 G4–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

☐ Check here if attachments.

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

G8. Elevation of ss-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.

FEMA Form 089-0-33 (7/12)
Replaces all previous editions.