

0571-162 ELEVATION CERTIFICATE

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

OMB No. 1660-0008
Expires March 31, 2012

Important: Read the instructions on pages 1-9.

SECTION A - PROPERTY INFORMATION

41. Building Owner's Name LYNDA ADAMSON		For Insurance Company Use:	
42. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 121 OLD MILL ROAD WEST		Policy Number	
City Richmond Hill		Company NAIC Number	
State GA.		ZIP Code 31321	
43. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) WESTERN PORTION OF LOT 19 AND THE EASTERN PORTION OF LOT 18, BELFAST ESTATES			
44. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) ADDITION			
45. Latitude/Longitude: Lat. N 31° 49' 21.2" Long. W 081° 18' 10.8" Horizontal Datum: <input type="checkbox"/> NAD 1927 <input checked="" type="checkbox"/> NAD 1983			
46. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.			
47. Building Diagram Number B			
48. For a building with a crawlspace or enclosure(s):		49. For a building with an attached garage:	
a) Square footage of crawlspace or enclosure(s)	450 sq ft	a) Square footage of attached garage	NA sq ft
b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade	2	b) No. of permanent flood openings in the attached garage within 1.0 foot above adjacent grade	NA
c) Total net area of flood openings in A8.b	476 sq in	c) Total net area of flood openings in A9.b	NA sq in
d) Engineered flood openings? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		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 BRYAN COUNTY 130016		B2. County Name BRYAN		B3. State GA	
B4. Map/Panel Number 13029CD375	B5. Suffix C	B6. FIRM Index Date 3-2-09	B7. FIRM Panel Effective/Revised Date 3-2-09	B8. Flood Zone(s) AE	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 13
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 (Describe)					
B11. Indicate elevation datum used for BFE in Item B9: <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other (Describe)					
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? Designation Date <input type="checkbox"/> CBRS <input type="checkbox"/> OPA <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					

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. Use the same datum as the BFE.

Benchmark Utilized **EGPS NETWORK** Vertical Datum **NAVD 88**

Conversion/Comments **NA**

		Check the measurement used.	
a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	11.64 feet	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
b) Top of the next higher floor	14.44 feet	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
c) Bottom of the lowest horizontal structural member (V Zones only)	NA feet	<input type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
d) Attached garage (top of slab)	NA feet	<input type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	14.44 feet	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
f) Lowest adjacent (finished) grade next to building (LAG)	11.54 feet	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
g) Highest adjacent (finished) grade next to building (HAG)	11.94 feet	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	11.54 feet	<input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)

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

Certifier's Name LAMAR L. LANIER, JR.	License Number 2397
Title LANIER LAND SURVEYING, INC.	Company Name
Address P.O. Box 92 Richmond Hill	State GA ZIP Code 31321
Signature <i>[Signature]</i>	Date 5-11-12 Telephone 912-756-4366

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.

121 OLD MILL ROAD WEST

City Richmond Hill

State GA

ZIP Code

31324

For Insurance Company Use:

Policy Number

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

SECTION C - C2-e 14.4 REPRESENTS ONLY EQUIPMENT WITHIN THE NEW ADDITION.

ENGINEERED FLOOD VENTS BY VESTAL MANUFACTURING ENTERPRISES, INC. SEE ATTACHMENT.

Signature

Date

5-11-12

Check here if attachments

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 and G9.

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-G9) 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 (PR) Datum _____

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

G10. Community's design flood elevation _____ feet _____ meters (PR) Datum _____

Local Official's Name Title

Community Name Telephone

Signature Date

Comments

Check here if attachments

Building Photographs

See Instructions for Item A6.

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 121 Old Mill Road West	For Insurance Company Use: Policy Number
City Richmond Hill State GA ZIP Code 31324	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



Side



Vestal Manufacturing Enterprises, Inc.

P.O. BOX 420

SWEETWATER, TENNESSEE 37874

Phone (623) 337-6125


GALVANIZED FLOOD VENTS

8"x18" Solid Door Face and Perforated Door Face with Styro Backing are in compliance with Section 2.6.1.2, SEI/ASCE 24-98, Flood Resistant Design and Construction Standard. This standard requires flood vents to open and prevent unbalanced water elevation to be limited to 12" for the expected maximum flood rate of rise and fall.

The subject flood vents, when open, will provide 98 square inches of opening. Each flood vent will provide 238 sq.ft. of flood protection for a maximum rate of rise and fall of 5 ft/hr. Further it is noted that the use of the vents is subject to the following limitations:

1. The bottom of the vent shall be no higher than 12" from finish 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 5 ft/hr. The flood protection area per inch of opening can be increased, per engineering calculation, for rate of rise and fall less than 5 ft/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 5 ft/hr.
3. The flood gates 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 inspection is recommended after the initial installation and completion of all construction work around the vents to ensure that the vent panel is free to drop out.

Sincerely,


Robert Arcona, P.E., Ph.D.
Maryland P.E. Lic. No. 10094



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