

ELEVATION CERTIFICATE

IMPORTANT: Follow the Instructions on pages 1-9.

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

SECTION A - PROPERTY INFORMATION		FOR INSURANCE COMPANY USE
A1. Building Owner's Name <u>C. PICKETT ENTERPRISES, INC.</u>		Policy Number:
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or R.O. Route and Box No. <u>220 WATERWAYS PARKWAY SOUTH</u>		Company NAIC Number:
City <u>Richmond Hill</u> State <u>GA.</u> ZIP Code <u>31324</u>		
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) <u>LOT 3, WATERWAYS TOWNSHIP WATERWAYS PARKWAY - PHASE 1</u>		
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>RESIDENTIAL</u>		
A5. Latitude/Longitude: Lat. <u>N31.85437</u> Long. <u>W081.19978</u> Horizontal Datum: <input type="checkbox"/> NAD 1927 <input 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>13</u>		
A8. For a building with a crawlspace or enclosure(s):	A9. For a building with an attached garage:	
a) Square footage of crawlspace or enclosure(s) <u>NA</u> sq ft	a) Square footage of attached garage <u>786</u> sq ft	
b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <u>NA</u>	b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <u>8</u>	
c) Total net area of flood openings in A8.b <u>NA</u> sq in	c) Total net area of flood openings in A9.b <u>994</u> sq in	
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	d) Engineered flood openings? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<u>SEE COMMENTS</u>

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION					
B1. NFIP Community Name & Community Number <u>BRYAN COUNTY 130016</u>		B2. County Name <u>Bryan</u>		B3. State <u>GA.</u>	
B4. Map/Panel Number <u>13029C0400</u>	B5. Suffix <u>C</u>	B6. FIRM Index Date <u>3-2-09</u>	B7. FIRM Panel Effective/Revised Date <u>3-2-09</u>	B8. Flood Zone(s) <u>AE</u>	B9. Base Flood Elevation(s) (Zone AO, use base flood depth). <u>13</u>
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 type="checkbox"/> NGVD 1929 <input checked="" 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					

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)		
C1. Building elevations are based on: <input type="checkbox"/> Construction Drawings* <input type="checkbox"/> Building Under Construction* <input checked="" type="checkbox"/> 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: <u>EGPS NETWORK</u> Vertical Datum: <u>NAVD 88</u>		
Indicate elevation datum used for the elevations in items a) through h) below. <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> 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)	<u>14.8</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
b) Top of the next higher floor	<u>25.4</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
c) Bottom of the lowest horizontal structural member (V Zones only)	<u>NA</u>	<input type="checkbox"/> feet <input type="checkbox"/> meters
d) Attached garage (top of slab)	<u>12.8</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	<u>14.8</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG)	<u>12.3</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG)	<u>12.8</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	<u>12.4</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> 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.			
<input checked="" type="checkbox"/> Check here if comments are provided on back of form.		Were latitude and longitude in Section A provided by a licensed land surveyor? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<input checked="" type="checkbox"/> Check here if attachments.			
Certifier's Name <u>Wm. L. Lawrence, Jr.</u>	License Number <u>2397</u>		
Title <u>PRESIDENT</u>	Company Name <u>CARRIE LOAN GILLESPIE, INC.</u>		
Address <u>P.O. Box 92</u>	City <u>Richmond Hill</u>	State <u>GA.</u>	ZIP Code <u>31324</u>
Signature 	Date <u>7-28-14</u>	Telephone <u>912-756-4366</u>	

PLACE SEAL HERE


ELEVATION CERTIFICATE, page 2

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. <u>220 WATERWAYS PARKWAY SOUTH</u>	Policy Number:
City <u>Richmond Hill</u> State <u>GA.</u> ZIP Code <u>31324</u>	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 A - A5 - GARMIN GPS 72. SECTION C - (2-e) OUTSIDE AC UNIT.
TWO ENGINEERED FLOOD VENTS IN GARAGE - SEE ATTACHMENT.

Signature  Date 7-28-14

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 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–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: <input type="checkbox"/> New Construction <input type="checkbox"/> Substantial Improvement		
G8. Elevation of as-built lowest floor (including basement) of the building: _____ <input type="checkbox"/> feet <input type="checkbox"/> meters Datum _____		
G9. BFE or (in Zone AO) depth of flooding at the building site: _____ <input type="checkbox"/> feet <input type="checkbox"/> meters Datum _____		
G10. Community's design flood elevation: _____ <input type="checkbox"/> feet <input type="checkbox"/> meters 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. 220 Waterways Parkway South	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.	

Side



Side



Rear



Front



Vestal Manufacturing Enterprises, Inc.

P.O. BOX 420
SWEETWATER, TENNESSEE 37874

Phone (423) 337-6125

GALVANIZED FLOOD VENTS

6"x16" 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 rats 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,


Antonio Arcone, P.E., Ph.D.
Maryland P.E. Lic. No. 10804

A circular professional engineer seal for Antonio Arcone. The seal contains the text "STATE OF MARYLAND" at the top, "ANTONIO ARCONI" in the center, and "1913" at the bottom. The seal also features a central emblem with a figure holding a scale.