ELEVATION CERTIFICATE

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

Important: Read the instructions on pages 1-9.

SECTION A - PROPERTY INFORMATION

A1. Building Owner's Name: Hal Allen

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
115 Waccamaw River Drive

City: Conway
State: SC
ZIP Code: 29526

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
TMS #124-18-01-002 Lee's Landing Subdivision lot 17

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

A5. Latitude/Longitude: Lat. N33°55'14.3" Long. W79°56'43.6"

Horizontal Datum: NAD 1927

A6. Attach at least 2 photographs of the building if the certificate is being used to obtain flood insurance.

A7. Building Diagram Number

A8. For a building with a crawlspace or enclosure(s):

a) Square footage of crawlspace or enclosure(s) N/A sq ft

b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade N/A

c) Total net area of flood openings in A8.b N/A 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) No. 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
Horry County
450104

B2. County Name
Horry County

B3. State
South Carolina

B4. Map/Panel Number
45051C0530

B5. Suffix
H

B6. FIRM Index
Date
09/17/2003

B7. FIRM Panel
Effective/Revised Date
09/23/1999

B8. Flood Zone(s)
AE & Floodway

B9. Base Flood Elevation(s) (Zone AO, use base flood depth)
15

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 (Describe) _________________________________________

B11. Indicate elevation datum used for BFE in Item B9:
□ NGVD 1929 □ NAVD 1988 □ Other (Describe) __________________________

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

*C new Elevation Certificate will be required when construction of the building is complete.


Benchmark Utilized: HC 36 Elevation 11.94' Vertical Datum NGVD1929

Conversion/Comments: N/A

Check the measurement used.

a) Top of bottom floor (including basement, crawlspace, or enclosure floor) 21.16' feet 21.16 meters (Puerto Rico only)

b) Top of the next higher floor N/A feet N/A meters (Puerto Rico only)

c) Bottom of the lowest horizontal structural member (V Zones only) N/A feet N/A meters (Puerto Rico only)

d) Attached garage (top of slab) N/A feet N/A meters (Puerto Rico only)

e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)

20.74' feet 20.74 meters (Puerto Rico only)

f) Lowest adjacent (finished) grade next to building (LAG) 8.4 feet 8.4 meters (Puerto Rico only)

g) Highest adjacent (finished) grade next to building (HAG) 8.5 feet 8.5 meters (Puerto Rico only)

h) Lowest adjacent grade at lowest deck of deck or stairs, including structural support 8.82 feet 8.82 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: Kenneth D. Jordan
License Number: 21936

Title: President
Company Name: K & R Land Surveyor, Inc.
Address: 32/ Laurel St.
City: Conway
State: SC
ZIP Code: 29526

Signature: ____________________________
Date: 12/06/2011
Telephone: 843-241-7842

FEMA Form B1-31, Mar 09
See reverse side for continuation.

Replaces all 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 lowest piece of machinery servicing the building is the A/C pad.

Signature: [Signature]
Date: [Date]

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 top 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 G2.2 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: [Address]
City: [City]
State: [State]
ZIP Code: [ZIP Code]
Signature: [Signature]
Date: [Date]
Telephone: [Telephone]

Comments: [Comments]

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 items 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: [Permit Number]
G5. Date Permit Issued: [Date]
G6. Date Certificate Of Compliance/Occupancy Issued: [Date]

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: [Name]
Title: [Title]

Community Name: [Name]
Telephone: [Telephone]
Signature: [Signature]
Date: [Date]

Comments: [Comments]
FLOODWAY "NO-RISE/NO IMPACT" CERTIFICATION

This document is to certify that I am a duly qualified engineer licensed to practice in the State of South Carolina. It is to further certify that the attached technical data supports the fact that the proposed Hal Allen Family Residence (TMS# 124-18-01-002, addressed 115 Waccamaw River Drive) will not impact the base flood elevations, floodway elevations, and floodway widths on the Waccamaw River at published cross sections in the Flood Insurance Study for Horry County, dated August 23, 1999 and will not impact the base flood elevations, floodway elevations and floodway widths at the unpublished cross sections in the area of the proposed development.

Stephen S. Powell
Name

President
Title

Venture Engineering, Inc.
209 Highway 544
Conway, SC 29528

FOR COMMUNITY USE ONLY:
Community Approval

Approved

Disapproved

Community Official’s Name

Community Official’s Signature

Title

FEMA, MT

DTD.09/2004

http://hconbase/AppNet/PrintHandler.ashx?action=Print&id=d92ac459-9bbf-4df7-b33c-69... 2/17/2015