

150554

# ELEVATION CERTIFICATE

OMB No. 1660-0008  
Expires March 31, 2012

Important: Read the instructions on pages 1-9.

## SECTION A - PROPERTY INFORMATION

A1. Building Owner's Name <u>Kenny Anderson</u> ✓		For Insurance Company Use:
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <u>1100 Waccamw Drive</u> City <u>Conway</u> State <u>SC</u> ZIP Code <u>29526</u> ✓		Policy Number
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) <u>TMS#137-17-01-029</u> ✓		Company NAIC Number
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>residential</u>		
A5. Latitude/Longitude: Lat. <u>N33°48'32"</u> Long. <u>W79°03'03"</u>	Horizontal Datum: <input checked="" 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>5</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>N/A</u> sq ft	a) Square footage of attached garage <u>N/A</u> sq ft	
b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <u>N/A</u>	b) No. of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <u>N/A</u>	
c) Total net area of flood openings in A8.b <u>N/A</u> sq in	c) Total net area of flood openings in A9.b <u>N/A</u> sq in	
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

*Wick*  
*3615*

## SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number <u>Horry County</u> <u>450104</u> ✓		B2. County Name <u>Horry County</u> ✓		B3. State <u>South Carolina</u> ✓	
B4. Map/Panel Number <u>45051C0516</u> ✓	B5. Suffix <u>H</u> ✓	B6. FIRM Index Date <u>09/17/2003</u> ✓	B7. FIRM Panel Effective/Revised Date <u>08/23/1999</u> ✓	B8. Flood Zone(s) AE & Floodway ✓	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) <u>10</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 (Describe) _____					
B11. Indicate elevation datum used for BFE in Item B9: <input checked="" type="checkbox"/> NGVD 1929 <input 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)? <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:  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 BM# H0117 Vertical Datum NGVD1929 ✓  
Conversion/Comments \_\_\_\_\_

Check the measurement used.

a) Top of bottom floor (including basement, crawlspace, or enclosure floor) <u>20.15</u> ✓	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
b) Top of the next higher floor <u>N/A</u>	<input type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
c) Bottom of the lowest horizontal structural member (V Zones only) <u>N/A</u>	<input type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
d) Attached garage (top of slab) <u>N/A</u>	<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) <u>18.34</u> ✓	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
f) Lowest adjacent (finished) grade next to building (LAG) <u>7.9</u> ✓	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
g) Highest adjacent (finished) grade next to building (HAG) <u>8.1</u> ✓	<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 <u>N/A</u> ✓	<input 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 <u>Terry M. Watson RLS</u> ✓	License Number <u>7168</u> ✓
Title <u>President</u>	Company Name <u>Terry M. Watson RLS Land Surveying, Inc.</u> ✓
Address <u>913 3<sup>rd</sup> Ave</u>	City <u>Conway</u> State <u>SC</u> ZIP Code <u>29526</u>
Signature <u>Terry M. Watson</u> ✓	Date <u>06/29/2010</u> Telephone <u>843-248-4439</u> ✓

*Terry M. Watson*

# VENTURE ENGINEERING

*Keep in file  
made  
11-23-9*

August 25, 2009

Mr. Michael O'Dea  
Horry County Code Enforcement  
1302 2nd Avenue, Room 1-D 09  
Conway, SC 29526

Re: Kenny and Ann Anderson- Lot 29, Waccamaw Drive  
TMS # 137-17-01-029

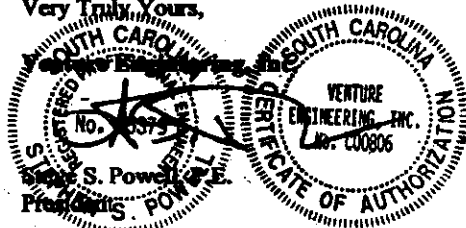
Dear Mike,

We have been retained by Kenny and Ann Anderson to prepare a "No-Rise Certification" for the placement of a single-family residential structure on their double lot located on Waccamaw Drive near its southern terminus. The Andersons plan to install a doublewide manufactured home on a wood frame elevated structural foundation.

The Anderson lot has a floodway boundary just across the front edge of the lot, closest to the bank of the river; so technically, the home will not be placed within the jurisdictional floodway. However, since the exact boundary location is difficult to define precisely, we reviewed the construction and placement as if the home was in the floodway. The lot has been wooded in the past, and the new reinforced masonry block foundation will present less of a cross-section above grade, and below the BFE, than the woodland growth that has existed previously on the lot. Presently, the lot is and has been overgrown, producing an overbank roughness during flood flow much greater than will exist after the home is finished, with a mowed and maintained lawn. The combination of these two changes will result in a flood flow conveyance that is very nearly identical to that reflected in the left overbank area shown in the Flood Insurance Study. The area under the home will be a poured concrete pad, but should not be elevated above the adjacent grade more than 4" to provide for positive surface drainage, but to minimized additional cross-section areas retarding flood flow.

Based on this information, a No-Rise Certification is applicable, since no change in overbank conveyance will occur once construction is completed. Based on these facts and this information, we ask that Horry County accept this letter and accompanying FEMA Certificate certifying that this residential construction will not result in any impact or any increase in the backwater elevations in the Waccamaw River.

Very Truly Yours,



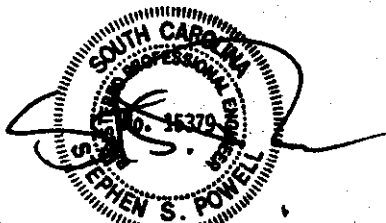
**Engineering and Land Planning**

209 Highway 544 • Conway, South Carolina 29526 • Phone (843) 347-5851

Keep in File  
Molen 11-23-9

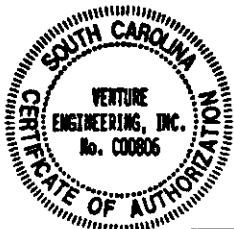
**FLOODWAY "NO-RISE/NO IMPACT" CERTIFICATION**

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 Kenny and Ann Anderson Residence (TMS# 137-17-01-029, Lot 29, 1100 Waccamaw 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 September 17, 2003 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.



[Signature]  
Name

Practitioner  
Title



8/27/09

Venture Engineering, Inc.  
209 Highway 544  
Conway, SC 29588

<b>FOR COMMUNITY USE ONLY:</b>		
Community Approval		
Approved	Disapproved	
Community Official's Name	Community Official's Signature	Title

FEMA, MT  
DTD.09/2004