



**MEMO OF REVIEW FOR CORRECTNESS AND COMPLETION**

In accordance with this community's participation in the National Flood Insurance Program's Community Rating System, all FEMA Elevation Certificates must be correct and complete. The attached Certificate has some incorrect items which are noted here.

*Permit # 152397*

**SECTION A - PROPERTY INFORMATION**

For Insurance Company Use:

A1. Building Owner's Name

*JOEL BROWN*

Policy Number

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

*173 RIVERWATCH DRIVE*

Company NAIC Number

City State ZIP Code

*CONWAY SC 29527*

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)

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

A5. Latitude/Longitude: Lat. \_\_\_\_\_ Long. \_\_\_\_\_

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 \_\_\_\_\_

A8. For a building with a crawl space or enclosure(s), provide

a) Square footage of crawl space or enclosure(s) \_\_\_\_\_ sq ft

b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade \_\_\_\_\_

c) Total net area of flood openings in A8.b \_\_\_\_\_ sq in

d) Engineered flood openings?  Yes  No

A9. For a building with an attached garage, provide:

a) Square footage of attached garage \_\_\_\_\_ sq ft

b) No. of permanent flood openings in the attached garage walls within 1.0 foot above adjacent grade \_\_\_\_\_

c) Total net area of flood openings in A9.b \_\_\_\_\_ sq in

d) Engineered flood openings?  Yes  No

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

B1. NFIP Community Name & Community Number

B2. County Name

B3. State

B4. Map/Panel Number

B5. Suffix

B6. FIRM Index Date

B7. FIRM Panel Effective/Revised Date

B8. Flood Zone(s)

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

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/Source: \_\_\_\_\_

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)?  Yes  No  
Designation Date \_\_\_\_\_  CBRS  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.

Benchmark Utilized \_\_\_\_\_ Vertical Datum \_\_\_\_\_

Indicate elevation datum used for the elevations in items a) through h) below.  NGVD 1929  NAVD 1988  Other

**COMMENTS:**

*A8 + A9 Incomplete*

Date of Review: *3/19/2015*

Community Official: *Harold Edge*

152397 8/30/10 7546

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

# ELEVATION CERTIFICATE

OMB No. 1660-0008  
Expires March 31, 2012

Important: Read the instructions on pages 1-9.

| SECTION A - PROPERTY INFORMATION   |  | For Insurance Company Use:  |
|--|--|---|
| A1. Building Owner's Name <u>JOEL BROWN</u>  |  | Policy Number   |
| A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br><u>173 RIVERWATCH DRIVE</u>   |  | Company NAIC Number   |
| City <u>CONWAY</u> State <u>SC</u> ZIP Code <u>29527</u>   |  |   |
| A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)<br><u>Horry County TMS# 160-19-01-025, Lot #84, Bucksville Oaks Subdivision - Phase 1</u> |  |   |
| A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>Residential</u>  |  |   |
| A5. Latitude/Longitude: Lat <u>33d45'31"</u> Long <u>79d04'12"</u><br>Horizontal Datum: <input type="checkbox"/> NAD 1927 <input checked="" 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>1B</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>NA</u> sq ft  |
| b) No. of permanent flood openings in the crawlspace or enclosure(s) within 10 foot above adjacent grade <u>NA</u>   |  | b) No. of permanent flood openings in the attached garage within 10 foot above adjacent grade <u>NA</u> |
| c) Total net area of flood openings in A8 b _____ sq in  |  | c) Total net area of flood openings in A9 b _____ sq in   |
| d) Engineered flood openings? <input type="checkbox"/> Yes <input type="checkbox"/> No   |  | d) Engineered flood openings? <input type="checkbox"/> Yes <input type="checkbox"/> No                  |

Removed from Flood zone  
LOMA 10-04-3836-A  
Moke 8-31-10  
OK Moke 8-31-10

| SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION                  |                        |   |   |                                |   |
|--|------------------------|---|---|--------------------------------|---|
| B1. NFIP Community Name & Community Number<br><u>Horry County 450104</u> |                        | B2. County Name<br><u>Horry County</u>  |   | B3. State<br><u>SC</u>         |   |
| B4. Map/Panel Number<br><u>45051C0514</u>                                | B5. Suffix<br><u>H</u> | B6. FIRM Index Date<br><u>9-17-2003</u> | B7. FIRM Panel Effective/Revised Date<br><u>8-23-1999</u> | B8. Flood Zone(s)<br><u>AE</u> | B9. Base Flood Elevation(s) (Zone AO, use base flood depth)<br><u>8</u> |

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 \_\_\_\_\_  CBRS  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. Use the same datum as the BFE |   |
| Benchmark Utilized <u>L145 Vertical Datum NGVD 1929</u>  |   |
| Conversion/Comments <u>NA</u>  |   |
| Check the measurement used.  |   |
| a) Top of bottom floor (including basement, crawlspace, or enclosure floor) <u>19.04</u>   | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only) |
| b) Top of the next higher floor <u>28.04</u>   | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only) |
| c) Bottom of the lowest horizontal structural member (V Zones only) <u>NA</u>  | <input type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)            |
| d) Attached garage (top of slab) <u>17.37</u>  | <input checked="" 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>17.37</u>  | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only) |
| f) Lowest adjacent (finished) grade next to building (LAG) <u>16.0</u>   | <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only) |
| g) Highest adjacent (finished) grade next to building (HAG) <u>16.9</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>16.6</u>   | <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. |  |  |                       |
| <input 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 |                       |
| Certifier's Name <u>Jeffrey D. Solan</u>  | License Number <u>19407</u>                |  |                       |
| Title <u>President</u>  | Company Name <u>Solan Associates, P.C.</u> |  |                       |
| Address <u>PO Box 50423</u>   | City <u>Myrtle Beach</u>                   | State <u>SC</u>  | ZIP Code <u>29579</u> |
| Signature   | Date <u>08-26-10</u>                       | Telephone <u>843-234-1772</u>  |                       |

8-26-10

**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.  
173 RIVERWATCH DRIVE  
City CONWAY State SC ZIP Code 29527

|                            |  |
|----------------------------|--|
| 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

Signature

Date

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

*Keep in file*



Federal Emergency Management Agency

Washington, D.C. 20472

*MOREY  
86-31-10*

LETTER OF MAP AMENDMENT  
DETERMINATION DOCUMENT (REMOVAL)

ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

| LOT | BLOCK/<br>SECTION | SUBDIVISION                 | STREET               | OUTCOME<br>WHAT IS<br>REMOVED FROM<br>THE SFHA | FLOOD<br>ZONE   | 1% ANNUAL<br>CHANCE<br>FLOOD<br>ELEVATION<br>(NGVD 29) | LOWEST<br>ADJACENT<br>GRADE<br>ELEVATION<br>(NGVD 29) | LOWEST<br>LOT<br>ELEVATION<br>(NGVD 29) |
|-----|-------------------|-----------------------------|----------------------|--|-----------------|--|---|---|
| 79  | -                 | Bucksville<br>Oaks, Phase 1 | -                    | Property                                       | X<br>(unshaded) | 7.3 feet   | -   | 15.8 feet                               |
| 80  | -                 | Bucksville<br>Oaks, Phase 1 | -                    | Property                                       | X<br>(unshaded) | 7.3 feet   | -   | 15.8 feet                               |
| 81  | -                 | Bucksville<br>Oaks, Phase 1 | 1429 Channel Drive   | Property                                       | X<br>(unshaded) | 7.3 feet   | -   | 15.9 feet                               |
| 82  | -                 | Bucksville<br>Oaks, Phase 1 | 1423 Channel Drive   | Property                                       | X<br>(unshaded) | 7.3 feet   | -   | 16.0 feet                               |
| 83  | -                 | Bucksville<br>Oaks, Phase 1 | 1417 Channel Drive   | Property                                       | X<br>(unshaded) | 7.3 feet   | -   | 15.9 feet                               |
| 84  | -                 | Bucksville<br>Oaks, Phase 1 | 173 Riverwatch Drive | Property                                       | X<br>(unshaded) | 7.3 feet   | -   | 15.8 feet                               |
| 85  | -                 | Bucksville<br>Oaks, Phase 1 | -                    | Property                                       | X<br>(unshaded) | 7.3 feet   | -   | 15.8 feet                               |
| 86  | -                 | Bucksville<br>Oaks, Phase 1 | -                    | Property                                       | X<br>(unshaded) | 7.3 feet   | -   | 15.7 feet                               |
| 87  | -                 | Bucksville<br>Oaks, Phase 1 | -                    | Property                                       | X<br>(unshaded) | 7.3 feet   | -   | 16.2 feet                               |
| 88  | -                 | Bucksville<br>Oaks, Phase 1 | 157 Riverwatch Drive | Property                                       | X<br>(unshaded) | 7.3 feet   | -   | 18.1 feet                               |
| 89  | -                 | Bucksville<br>Oaks, Phase 1 | -                    | Property                                       | X<br>(unshaded) | 7.3 feet   | -   | 15.8 feet                               |

This attachment provides additional information regarding this request. If you have any questions about this attachment, please contact the FEMA Map Assistance Center toll free at (877) 338-2827 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, LOMC Clearinghouse, 8730 Santa Barbara Court, Elkridge, MD 21075.

*Kevin C Long*  
Kevin C. Long, Acting Chief  
Engineering Management Branch  
Mitigation Directorate