

ELEVATION CERTIFICATE

FEDERAL EMERGENCY MANAGEMENT AGENCY NATIONAL FLOOD INSURANCE PROGRAM

ATTENTION: Use of this certificate does not provide a waiver of the flood insurance purchase requirement. This form is used only to provide elevation information necessary to ensure compliance with applicable community floodplain management ordinances, to determine the proper insurance premium rate, and/or to support a request for a Letter of Map Amendment or Revision (LOMA or LOMR). Instructions for completing this form can be found on the following pages.

SECTION A PROPERTY INFORMATION		FOR INSURANCE COMPANY USE
BUILDING OWNER'S NAME <u>Bradford and Frances Coker</u>	POLICY NUMBER	
STREET ADDRESS (Including Apt., Unit, Suite and/or Bldg. Number) OR P.O. ROUTE AND BOX NUMBER <u>511 S. Seaside Drive</u>	COMPANY NAIC NUMBER	
OTHER DESCRIPTION (Lot and Block Numbers, etc.) <u>Lot 4, Block 11-A, Floral section</u> <u>TMS#195-04-15-004</u>	FILE COPY	
CITY <u>Surfside Beach</u>	STATE <u>S,C,</u>	ZIP CODE <u>29577</u>

SECTION B FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

Provide the following from the proper FIRM (See Instructions):

1. COMMUNITY NUMBER	2. PANEL NUMBER	3. SUFFIX	4. DATE OF FIRM INDEX	5. FIRM ZONE	6. BASE FLOOD ELEVATION (in AO Zones, use depth)
<u>450111</u>	<u>0308</u>	<u>E</u>	<u>Sept. 30, 1988</u>	<u>VE</u>	<u>18, 19 & 20</u>

7. Indicate the elevation datum system used on the FIRM for Base Flood Elevations (BFE): NGVD '29 Other (describe on back)
8. For Zones A or V, where no BFE is provided on the FIRM, and the community has established a BFE for this building site, indicate the community's BFE: feet NGVD (or other FIRM datum—see Section B, Item 7).

SECTION C BUILDING ELEVATION INFORMATION

1. Using the Elevation Certificate Instructions, indicate the diagram number from the diagrams found on Pages 5 and 6 that best describes the subject building's reference level 5.
(a). FIRM Zones A1-A30, AE, AH, and A (with BFE). The top of the reference level floor from the selected diagram is at an elevation of feet NGVD (or other FIRM datum—see Section B, Item 7).
- (b). FIRM Zones V1-V30, VE, and V (with BFE). The bottom of the lowest horizontal structural member of the reference level from the selected diagram, is at an elevation of 222 feet NGVD (or other FIRM datum—see Section B, Item 7).
- (c). FIRM Zone A (without BFE). The floor used as the reference level from the selected diagram is feet above or below (check one) the highest grade adjacent to the building.
- (d). FIRM Zone AO. The floor used as the reference level from the selected diagram is feet above or below (check one) the highest grade adjacent to the building. If no flood depth number is available, is the building's lowest floor (reference level) elevated in accordance with the community's floodplain management ordinance? Yes No Unknown
3. Indicate the elevation datum system used in determining the above reference level elevations: NGVD '29 Other (describe under Comments on Page 2). (NOTE: If the elevation datum used in measuring the elevations is different than that used on the FIRM [see Section B, Item 7], then convert the elevations to the datum system used on the FIRM and show the conversion equation under Comments on Page 2.)
4. Elevation reference mark used appears on FIRM: Yes No (See Instructions on Page 4)
5. The reference level elevation is based on: actual construction construction drawings
(NOTE: Use of construction drawings is only valid if the building does not yet have the reference level floor in place, in which case this certificate will only be valid for the building during the course of construction. A post-construction Elevation Certificate will be required once construction is complete.)
6. The elevation of the lowest grade immediately adjacent to the building is: 80 feet NGVD (or other FIRM datum—see Section B, Item 7).

SECTION D COMMUNITY INFORMATION

1. If the community official responsible for verifying building elevations specifies that the reference level indicated in Section C, Item 1 is not the "lowest floor" as defined in the community's floodplain management ordinance, the elevation of the building's "lowest floor" as defined by the ordinance is: feet NGVD (or other FIRM datum—see Section B, Item 7).
2. Date of the start of construction or substantial improvement _____

**National Flood Insurance Program
V-Zone Certification**

Property Information	For Insurance Company Use
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Name of Structure Owner Bradford + Frances Coker	Policy Number
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Structure Address or Other Description
511 South Seaside C

City Surfside Beach	State S.C.	Zip Code 29575
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SECTION I: FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

Note: to be obtained from appropriate FIRMs

1. Community Number 45011	2. Panel Number 0308	3. Suffix E	4. Date of FIRM Index 9-30-1988	5. FIRM Zone VE
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SECTION II: ELEVATION INFORMATION

Note: This form is not a substitute for an Elevation Certificate. Elevations should be rounded to nearest tenth of a foot.

1. Elevation of the Bottom of Lowest Horizontal Structural Member	22.2 feet
2. Base Flood Elevation	20.0 feet
3. Elevation of Lowest Adjacent Grade	8.0 feet
4. Approximate Depth of Anticipated Scour/Erosion Used for Foundation Design	5.0 feet
5. Embedment Depth of Pilings or Foundation Below Lowest Adjacent Grade	19.0 feet
6. Datum Used: <input checked="" type="checkbox"/> NGVD '29 <input type="checkbox"/> NAVD '88 <input type="checkbox"/> Other	

SECTION III: V-ZONE CERTIFICATION STATEMENT

Note: This section must be certified by a registered professional engineer or architect.

I certify that I have developed or reviewed the structural design, plans and specifications for construction and that the methods of construction to be used are in accordance with accepted standards of practice for meeting the following provisions:

- a) The bottom of the lowest horizontal structure member of the lowest floor (excluding the pilings or columns) is elevated to or above the BFE; and,
- b) The pile or column foundation and structure attached thereto is anchored to resist flotation, collapse and lateral movement due to the effects of the wind and water loads acting simultaneously on all building components. Water loading values used are those associated with the base flood including wave action. Wind loading values used are those required by the applicable State or local building code. The potential for scour and erosion at the foundation has been anticipated for conditions associated with the base flood, including wave action.

SECTION IV: BREAKAWAY WALL CERTIFICATION STATEMENT

Note: This section must be certified by a registered professional engineer or architect when breakaway walls exceed a design safe loading resistance of 20 pounds per square foot.

I certify that I have developed or reviewed the structural design, plans and specifications for construction and that the design and methods of construction to be used for the breakaway walls are in accordance with accepted standards of practice for meeting the following provisions:

- a) Breakaway collapse shall result from a water load less than that which would occur during the base flood; and,
- b) The elevated portion of the building and supporting foundation system shall not be subject to collapse, displacement, or other structural damage due to the effects of wind and water loads acting simultaneously on all building components (wind and water loading values defined under Section III).

SECTION V CERTIFICATION

(Check: Section III and/or Section IV)

Name of Certifier R. B. Peterson	Title Professional Engineer
Firm Name R. B. Peterson, P.E.	License Number 10406
Street Address 362 Aspen Loop Rd.	Phone Number (803) 237-9402
City Pawleys Island	State S.C.
Signature <i>[Signature]</i>	Zip Code 29585
	Date Feb. 28, 1996