

FEDERAL EMERGENCY MANAGEMENT AGENCY  
NATIONAL FLOOD INSURANCE PROGRAM

O.M.B. No. 3067-0077  
Expires July 31, 2002

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1 - 7.

<b>SECTION A - PROPERTY OWNER INFORMATION</b>		For Insurance Company Use:	
BUILDING OWNER'S NAME Scalise Properties, LLC		Policy Number	
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. 11 North Seaside Drive		Company NAIC Number	
CITY Surfside Beach	STATE SC	ZIP CODE 29575	
PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Lot 6 Block G Floral Section			
BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use Comments section if necessary.) Non residential			
LATITUDE/LONGITUDE (OPTIONAL) (##°-##'-###" or ##.#####) N/A		HORIZONTAL DATUM: SOURCE: <input type="checkbox"/> GPS (Type): <input type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983 <input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Other:	

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER Surfside Beach 450111		B2. COUNTY NAME Horry		B3. STATE SC	
B4. MAP AND PANEL NUMBER 45051C0751	B5. SUFFIX H	B6. FIRM INDEX DATE 8-23-1999	B7. FIRM PANEL EFFECTIVE/REVISED DATE 8-23-1999	B8. FLOOD ZONE(S) VE	B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding) 17'

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in B9.  
 FIS Profile  FIRM  Community Determined  Other (Describe):

B11. Indicate the elevation datum used for the BFE in 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: N/A

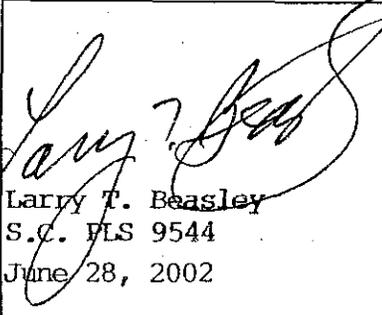
SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

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. Building Diagram Number 6 (Select the building diagram most similar to the building for which this certificate is being completed - see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)

C3. 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 C3a-i below according to the building diagram specified in Item C2. State the datum used. If the datum is different from the datum used for the BFE in Section B, convert the datum to that used for the BFE. Show field measurements and datum conversion calculation. Use the space provided or the Comments area of Section D or Section G, as appropriate, to document the datum conversion.  
 Datum NGVD 29 Conversion/Comments N/A  
 Elevation reference mark used 5130 Does the elevation reference mark used appear on the FIRM?  Yes  No

<input type="checkbox"/> a) Top of bottom floor (including basement or enclosure)	<u>9.7</u> ft.(m)
<input type="checkbox"/> b) Top of next higher floor	<u>19.8</u> ft.(m)
<input type="checkbox"/> c) Bottom of lowest horizontal structural member (V zones only)	<u>18.6</u> ft.(m)
<input type="checkbox"/> d) Attached garage (top of slab)	<u>SLAB 9.5</u> ft.(m)
<input type="checkbox"/> e) Lowest elevation of machinery and/or equipment servicing the building	<u>Elevator equipment 19.8</u> ft.(m)
<input type="checkbox"/> f) Lowest adjacent grade (LAG)	<u>9.0</u> ft.(m)
<input type="checkbox"/> g) Highest adjacent grade (HAG)	<u>9.2</u> ft.(m)
<input type="checkbox"/> h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade	<u>N/A</u>
<input type="checkbox"/> i) Total area of all permanent openings (flood vents) in C3h	<u>N/A</u> sq. in. (sq. cm)

License Number, Embossed Seal, Signature, and Date  
  
 Larry T. Beasley  
 S.C. PLS 9544  
 June 28, 2002

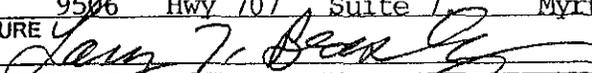
SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

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 in Sections A, B, and C 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.

CERTIFIER'S NAME Larry T. Beasley LICENSE NUMBER S.C. PLS 9544

TITLE Land Surveyor COMPANY NAME Beasley Land Surveying, Inc.

ADDRESS 9506 Hwy 707 Suite 7 CITY Myrtle Beach STATE SC ZIP CODE 29588

SIGNATURE  DATE June 28, 2002 TELEPHONE 843-650-7722

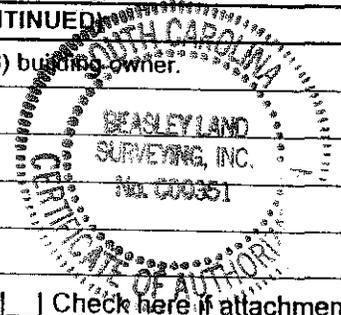
<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			For Insurance Company Use:	
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. 11 North Seaside Drive			Policy Number	
CITY Surfside Beach,	STATE SC	ZIP CODE 29575	Company 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

Check here if attachments



**SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO and ZONE A (WITHOUT BFE)**

For Zone AO and Zone A (without BFE), complete items E1 through E3. If the Elevation Certificate is intended for use as supporting information for a LOMA or LOMR-F, Section C must be completed.

E1. Building Diagram Number \_\_\_\_\_ (Select the building diagram most similar to the building for which this certificate is being completed – see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)

E2. The top of the bottom floor (including basement or enclosure) of the building is  ft.(m)  in.(cm)  above or  below (check one) the highest adjacent grade.

E3. For 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.

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.

G1.  The information in Section C was taken from other documentation that has been signed and embossed by a licensed surveyor, engineer, or architect who is authorized by state or local 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
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G7. This permit has been issued for:  New Construction  Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building is: \_\_\_\_\_ ft.(m) Datum: \_\_\_\_\_

G9. BFE or (In Zone AO) depth of flooding at the building site is: \_\_\_\_\_ ft.(m) Datum: \_\_\_\_\_

LOCAL OFFICIAL'S NAME \_\_\_\_\_ TITLE \_\_\_\_\_

COMMUNITY NAME \_\_\_\_\_ TELEPHONE \_\_\_\_\_

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

COMMENTS

Check here if attachments

# V-Zone Certification

Property Information		For Insurance Company Use	
Name of Structure Owner <b>Sam L. Scalise</b>		Policy Number	
Structure Address or Other Description <b>11 N. Seaside DR. (Lot-6 Block-6) Trms # 195-04-10-006</b>			
City <b>Surfside Beach</b>	State <b>S.C.</b>	Zip Code <b>29576</b>	

## SECTION I: FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

*Note: to be obtained from appropriate FIRMs*

1. Community Number <b>450111</b>	2. Parcel Number <b>45051C0751</b>	3. Suffix <b>H</b>	4. Date of FIRM Index <b>8-23-99</b>	5. FIRM Zone <b>VE-17</b>
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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 ..... **18.2** feet
2. Base Flood Elevation ..... **17** feet
3. Elevation of Lowest Adjacent Grade ..... **9.7** feet
4. Approximate Depth of Anticipated Scour/Erosion Used for Foundation Design ..... **2 1/2** feet
5. Embedment Depth of Pilings or Foundation Below Lowest Adjacent Grade ..... **18** feet MIN
6. Datum Used:  NGVD '29       NAVD '88       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

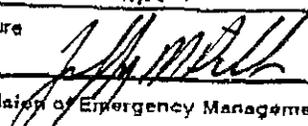
*Note: This section must be certified by a registered professional engineer or architect when breakaway walls exceed a design safe loading resistance of 20 pounds per square foot.*

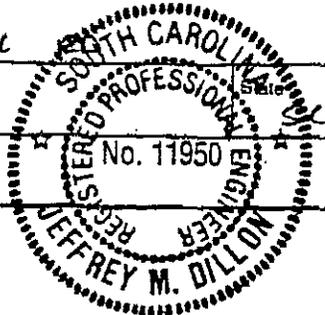
I certify that I have developed or reviewed the structural design, plans and specifications for construction and that the design and methods of construction to be used for the breakaway walls are in accordance with accepted standards of practice for meeting the following provisions:

- 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 <b>JEFFREY M DILLON</b>		Title <b>ENGINEER</b>	
Firm Name <b>AOC ENGINEERING</b>		License Number <b>11950</b>	
Street Address <b>1226 YEAMANS HALL</b>		Phone Number <b>( ) 566-0161</b>	
City <b>HANAHAN</b>		Zip Code <b>29406</b>	
Signature 		Date <b>12-5-01</b>	



## Town of Surfside Beach Permit Addendum To Develop In Flood Hazard Areas

The undersigned hereby makes application for a permit to develop in a designated flood hazard area. The work to be performed is described below and in attachments hereto. The undersigned agrees that all such work shall be done in accordance with the requirements of the Flood Damage Prevention Ordinance and Standard Building Code requirements of the Town of Surfside Beach and with any other applicable local, state and federal regulations. All necessary Federal and/or State permits/certifications are attached.

Applicants Name: <b>Scalise Development Inc.</b>	Owners Name: <b>Sam L. Scalise</b>
Site Address & Tax Map #: <b>11 N. Seaside Dr. 195-04-10-006</b>	Address: <b>2584 Hwy. 17 Bus. S. Garden City</b>
Telephone: <b>651-8188</b>	Telephone: <b>SAME</b>

**A. Description of Work**

**1. Proposed Development Description:**

<input checked="" type="checkbox"/> New Construction	<input type="checkbox"/> Dredging
<input type="checkbox"/> Alteration or Repair	<input type="checkbox"/> Manufactured Housing
<input type="checkbox"/> Lot Filling	<input type="checkbox"/> Modular Housing
<input type="checkbox"/> Grading	<input type="checkbox"/> Other

**2. Size and location of Development:**

**5820 sq. RESTAURANT**

**3. Type of Construction:**

<input type="checkbox"/> New Residential	<input type="checkbox"/> Improvement
<input checked="" type="checkbox"/> New Non-Residential	<input type="checkbox"/> Renovation
<input type="checkbox"/> Addition	<input type="checkbox"/> Accessory Structure
<input type="checkbox"/> Temporary	<input type="checkbox"/> Other

**For Internal Use Only:**

1. Community Number: \_\_\_\_\_
2. Panel Number: \_\_\_\_\_
3. Flood Zone: \_\_\_\_\_
4. Base Flood Elevation at site: \_\_\_\_\_ ft. m.s.l.
5. Required Lowest Floor Elevation (including basement): \_\_\_\_\_ ft. m.s.l.
6. If the structure is to be floodproofed, the required floodproofing elevation is \_\_\_\_\_ ft. m.s.l.
7. Elevation to which all attendant utilities, including all HVAC duct work, and electrical equipment will be installed or floodproofed: \_\_\_\_\_ ft. m.s.l.

**C. Non-Residential Construction:**

1. Flood Protection Method
  - Floodproofing
  - Elevation
2. Please check the appropriate certification required in Section E.

**B. Alterations, additions or improvements to existing structures.**

1. What is the market value of the existing structure? \_\_\_\_\_
2. What is the cost of the proposed construction? \_\_\_\_\_
3. If the cost of proposed construction equals or exceeds 50% of the market value of the structure then the substantial improvement requirements shall apply. The Notice to Property Owners must be completed and returned prior to issuance of a permit.

**D. Subdivisions:**

1. Does this subdivision or other development contain 50 lots or 5 acres (whichever is less)?
  - Yes
  - No
2. If yes, the base flood elevation data must be provided by the developer prior to the issuance of a permit.

**E. The following certifications checked below are applicable and must be submitted for all construction within the specified time frame.**

1. As built elevation certificate, certified by a registered land surveyor or professional engineer, must be submitted at the time of completion of the lowest floor, prior to any further verticle construction.
2. A floodproofing certificate, certified by a professional engineer or architect must be submitted at the time of completion of the lowest floor, prior to any verticle construction.
3. For V-Zones Only. A breakaway wall certification certified by a registered professional engineer or architect and submitted within 7 days of completion of the breakaway walls.
4. For V-Zones Only. A certification on the superstructure and substructure design must be submitted with this permit application.
5. The proposed development is located in an identified floodway and a No-Rise Certification completed by a registered professional engineer must be submitted prior to the issuances of a permit or the start of construction.
6. The proposed development includes an alteration of a watercourse and a Letter of Map Revision issued by the Federal Emergency Management Agency is required. The documentation must be submitted within 6 months of completion of the project.

**F. Additional Notes and Information:**

1. Cost of construction shall include structural, electrical, plumbing, mechanical, interior finish, normal site preparation (excavation and backfill for building), architectural and design fees, overhead and profit.
2. Only a certified appraisal is accepted for the market value for construction purposes. If one is not available the Town will use the latest property tax appraisal for the structure market value.
3. Failure to comply with any corrections required by local authorities can result in civil penalties and under Section 1316 of the Code of Federal Regulations, local authorities can request that FEMA deny flood insurance coverage for a structure built or improved in violation of the local ordinance.

**Scalise Development, Inc.**

Applicant's Signature: **By Kevin Tallent, V.P.** Date: **12-12-01**