

COPY

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.

SECTION A - PROPERTY OWNER INFORMATION

BUILDING OWNER'S NAME <u>Palise Development, Inc.</u>	For Insurance Company Use: Policy Number
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. <u>117-A North Seaside Drive</u>	Company NAIC Number

CITY Surfside Beach, STATE SC ZIP CODE 29575

PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)

Lot 2-B Block F Floral Section

BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use Comments section if necessary.)
Residential

LATITUDE/LONGITUDE (OPTIONAL) _____ HORIZONTAL DATUM: SOURCE: GPS (Type): _____
 NAD 1927 NAD 1983 USGS Quad Map Other: _____
N/A N/A

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

1. NFIP COMMUNITY NAME & COMMUNITY NUMBER <u>Surfside Beach 450111</u>		B2. COUNTY NAME <u>Horry</u>		B3. STATE <u>SC</u>	
B4. MAP AND PANEL NUMBER <u>5051C0751</u>	B5. SUFFIX <u>H</u>	B6. FIRM INDEX DATE <u>8-23-1999</u>	B7. FIRM PANEL EFFECTIVE/REVISED DATE <u>8-23-1999</u>	B8. FLOOD ZONE(S) <u>VE</u>	B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding) <u>17'</u>

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

1. Indicate the elevation datum used for the BFE in B9: NGVD 1929 NAVD 1988 Other (Describe): _____

2. 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)

1. 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.

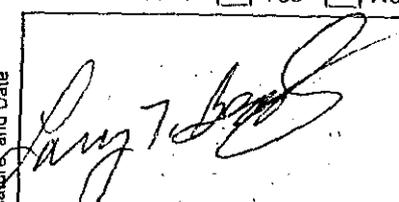
2. Building Diagram Number 5 (Select the building diagram most similar to the building for which this certificate is being completed - see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)

3. 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>20.3</u> ft.(m)
<input type="checkbox"/> b) Top of next higher floor	<u>28.9</u> ft.(m)
<input type="checkbox"/> c) Bottom of lowest horizontal structural member (V zones only)	<u>19.3</u> ft.(m)
<input type="checkbox"/> d) Attached garage (top of slab)	Slab <u>10.6</u> ft.(m)
<input type="checkbox"/> e) Lowest elevation of machinery and/or equipment servicing the building	HVAC <u>20.3</u> ft.(m)
<input type="checkbox"/> f) Lowest adjacent grade (LAG)	<u>10.3</u> ft.(m)
<input type="checkbox"/> g) Highest adjacent grade (HAG)	<u>10.4</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
September 17, 2001

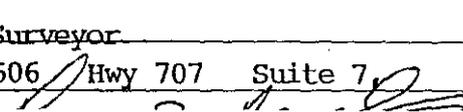
SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

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.

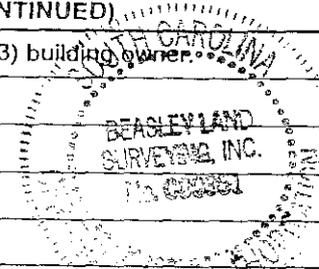
ADDRESS 9506 Hwy 707 Suite 7 CITY Myrtle Beach STATE SC ZIP CODE 29588

SIGNATURE  DATE _____ TELEPHONE _____

NOTE: In these spaces, copy the corresponding information from Section A.			For Insurance Company Use:		
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. 100 North Seaside Drive			Policy Number		
City: Surfside Beach		STATE: SC	ZIP CODE: 29575	Company NAIC Number	

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.



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.

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.)
 Elevation of 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.

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

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: _____
 PHONE NUMBER: _____ DATE: _____ TELEPHONE: _____

Check here if attachments

SECTION G - COMMUNITY INFORMATION (OPTIONAL)

The community official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Section G, A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below.

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.)

If a community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.

The following information (Items G4-G9) is provided for community floodplain management purposes.

PERMIT NUMBER	G5. DATE PERMIT ISSUED	G6. DATE CERTIFICATE OF COMPLIANCE/OCCUPANCY ISSUED
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Permit has been issued for: New Construction Substantial Improvement
 Elevation of as-built lowest floor (including basement) of the building is: _____ ft.(m) Datum: _____
 Flood (in Zone AO) depth of flooding at the building site is: _____ ft.(m) Datum: _____

OFFICIAL'S NAME: _____ TITLE: _____
 CITY NAME: _____ TELEPHONE: _____
 DATE: _____

COMMENTS: _____

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

Property Information		For Insurance Company Use
Name of Structure Owner <u>Scalise Development, Inc.</u>		Policy Number
Structure Address or Other Description <u>117A North Seaside Dr. Lot-2B Block-F</u>		
City <u>Surfside Beach</u>	State <u>S.C.</u>	Zip Code <u>29576</u>

SECTION I: FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

Note: to be obtained from appropriate FIRMs

1. Community Number <u>45011</u>	2. Panel Number <u>450510751</u>	3. Suffix <u>H</u>	4. Date of FIRM Index <u>8-23-99</u>	5. FIRM Zone <u>VE</u>
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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	<u>18.6</u> feet
2. Base Flood Elevation	<u>17</u> feet
3. Elevation of Lowest Adjacent Grade	<u>8.6</u> feet
4. Approximate Depth of Anticipated Scour/Erosion Used for Foundation Design	<u>2 1/2</u> feet
5. Embedment Depth of Piling or Foundation Below Lowest Adjacent Grade	<u>16</u> feet MIN.
6. Datum Used: <u> </u> NGVD '29 <u> </u> NAVD '88 <u> </u> 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 <u>JEFFREY M DILLON</u>	Title <u>ENGINEER</u>
Firm Name <u>AOC ENGINEERING</u>	License Number <u>11950</u>
Street Address <u>1226 YEAMANS HALL</u>	Phone Number <u>() 566-0161</u>
City <u>HANAHAN</u>	Zip Code <u>29406</u>
Signature 	Date <u>6-7-01</u>

