

# 030981

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 RICHARD MOHRING		Policy Number	
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. 195 S. BEACH DRIVE		Company NAIC Number	
CITY MARCO ISLAND	STATE FL	ZIP CODE 34145	
PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) LOT 3, BLOCK 3, HIDEWAY BEACH			
BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use Comments section if necessary.) RESIDENTIAL			
LATITUDE/LONGITUDE (OPTIONAL) (###-##-### or #####)	HORIZONTAL DATUM: <input type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983	SOURCE: <input type="checkbox"/> GPS (Type): _____ <input type="checkbox"/> USGS Quad Map <input type="checkbox"/> Other: _____	

<b>SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION</b>					
B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER 120067		B2. COUNTY NAME COLLIER		B3. STATE FL	
B4. MAP AND PANEL NUMBER 120426/0803	B5. SUFFIX E	B6. FIRM INDEX DATE 7-20-98	B7. FIRM PANEL EFFECTIVE/REVISED DATE 8-3-92	B8. FLOOD ZONE(S) VE	B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding) 13
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in B9. <input type="checkbox"/> FIS Profile <input type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other (Describe): _____					
B11. Indicate the elevation datum used for the BFE in 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 type="checkbox"/> No Designation Date _____					

<b>SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)</b>	
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. 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 _____ Conversion/Comments _____ Elevation reference mark used _____ Does the elevation reference mark used appear on the FIRM? <input type="checkbox"/> Yes <input type="checkbox"/> No	
o a) Top of bottom floor (including basement or enclosure)	6.3 ft.(m)
o b) Top of next higher floor	16.0 ft.(m)
o c) Bottom of lowest horizontal structural member (V zones only)	14.7 ft.(m)
o d) Attached garage (top of slab)	5.9 ft.(m)
o e) Lowest elevation of machinery and/or equipment servicing the building	17.5 ft.(m)
o f) Lowest adjacent grade (LAG)	5.6 ft.(m)
o g) Highest adjacent grade (HAG)	6.0 ft.(m)
o h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade -	
o i) Total area of all permanent openings (flood vents) in C3h - sq. in. (sq. cm)	

License Number, Embossed Seal, Signature, and Date

*David B. Bruns*  
10-21-04  
FL. CERT NO. 4520

<b>SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION</b>			
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 <b>David B. Bruns</b>		LICENSE NUMBER <b>4520</b>	
TITLE <b>Surveyor</b>	COMPANY NAME <b>Bruns &amp; Bruns, Inc.</b>		
ADDRESS <b>1072 6th Avenue N.</b>	CITY <b>Naples</b>	STATE <b>FL</b>	ZIP CODE <b>34102</b>
SIGNATURE <i>David B. Bruns</i>	DATE <b>10-21-04</b>	TELEPHONE <b>941-261-5965</b>	

<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.			Policy Number
CITY	STATE	ZIP CODE	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 E4. 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. (Use natural grade, if available).
- E3. For Building Diagrams 6-8 with openings (see page 7), the next higher floor or elevated floor (elevation b) of the building is \_\_ ft.(m) \_\_ in.(cm) above the highest adjacent grade. Complete items C3.h and C3.i on front of form.
- E4. The top of the platform of machinery and/or equipment servicing the building is \_\_ ft.(m) \_\_ in.(cm)  above or  below (check one) the highest adjacent grade. (Use natural grade, if available).
- E5. 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, C (Items C3.h and C3.i only), 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, C, 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.

- 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 10-28-4

COMMENTS

Check here if attachments

#030981



City of Marco Island  
Community Development Department  
50 Bald Eagle Drive  
Marco Island, FL 34145

**V-ZONE BREAKAWAY WALL DESIGN CERTIFICATE**

PRE-CONSTRUCTION \_\_\_\_\_ AS BUILT XX

Name of Property Owner: Richard Mohring Permit #: 030981

Building Address: 195 South Beach Dr. Hideaway Beach

**Flood Insurance Rate Map (FIRM) Information**

Community Number: 120426 Community Name: City of Marco Island

Panel Number: \_\_\_\_\_ Suffix: \_\_\_\_\_ Date of FIRM Index: \_\_\_\_\_

**Elevation Information**

1. BFE: VE13 feet NGVD
2. Bottom of Lowest Horizontal Structural Member: 14.00 feet NGVD
3. Elevation of Lowest Adjacent Grade: 5.00 feet NGVD

**Breakaway Wall Certification Statement**

Note: Certificate must be signed and sealed by a registered professional engineer. A signed and sealed copy of this statement must also appear on the approved construction plans detailing breakaway wall construction.

I certify that I have developed or reviewed the structural design, plans and specifications for construction of breakaway walls. 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:

- Breakaway walls have a design safe loading resistance of not less than 10 and no more than 20 pounds per square foot.
- Breakaway walls collapse shall result from a water load less than that which would occur during the base flood; and
- The elevated portion of the building and supporting foundation system shall not be subject to collapse, displacement, or other structural damage due to the combined effects of wind and water loads acting simultaneously on all building components, structural and non-structural. Wind loading values used shall be those required by applicable state or local building standards. Water loading values shall be those associated with the base flood. Such enclosed space shall be useable solely for parking of vehicles, building access or limited storage of maintenance items.

For "As Built" certifications, I am certifying that the construction has been done in accordance with the design parameters indicated above.

**CERTIFICATION**

Certifier's Name: William H. Lewis Title: FL. Reg. Architect

Company Name: WHLArchitects Registration Number: #13585

Address: 1100 Fieldstone Dr. Marco Island, Fl. 34145

Signature: *William H. Lewis* Date: 10-27-04

Seal: