

Permit#Com.08-0085

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 <b>Island Hotel</b>		Policy Number
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. <b>201 Old San Carlos Boulevard</b>		Company NAIC Number
City <b>Fort Myers Beach</b>	State <b>Florida</b>	ZIP Code <b>33931</b>
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) <b>NWLY Cor. Block 8 Business Center Subd. Run NWLY ALG Prolongation Of - A Parcel Of Land Lying In Sec. 24, T-46 S., R-23 E.</b>		
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <b>Non-Residential</b>		
A5. Latitude/Longitude: Lat. <b>26° 27' 15.5"</b> Long. <b>81° 57' 20.9"</b> 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 <b>1</b>		
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) <b>-0-</b> sq ft		a) Square footage of attached garage <b>-0-</b> sq ft
b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <b>-0-</b>		b) No. of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <b>-0-</b>
c) Total net area of flood openings in A8.b <b>-0-</b> sq in		c) Total net area of flood openings in A9.b <b>-0-</b> sq in
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION					
B1. NFIP Community Name & Community Number <b>Lee County - 120673</b>		B2. County Name <b>Lee</b>		B3. State <b>Florida</b>	
B4. Map/Panel Number <b>12071C - 0413</b>	B5. Suffix <b>F</b>	B6. FIRM Index Date <b>08/28/2008</b>	B7. FIRM Panel Effective/Revised Date <b>08/28/2008</b>	B8. Flood Zone(s) "VE"	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) <b>13.00</b>
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9. <input type="checkbox"/> FIS Profile <input checked="" type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other (Describe)					
B11. Indicate elevation datum used for BFE in Item B9: <input type="checkbox"/> NGVD 1929 <input checked="" 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 checked="" type="checkbox"/> No Designation Date <input type="checkbox"/> CBRS <input type="checkbox"/> OPA					

## Per Revised (5-6-10) 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. Use the same datum as the BFE.  
Benchmark Utilized **USC & GS Tidal Station 4D, Tidal #1** Vertical Datum **N.G.V.D. 1929**  
Conversion/Comments **Benchmark Elevation = 3.44 N.G.V.D. Minus 1.17 Elevation = 2.27 N.A.V.D.**

All Elevations Below Are N.A.V.D. Check the measurement used.

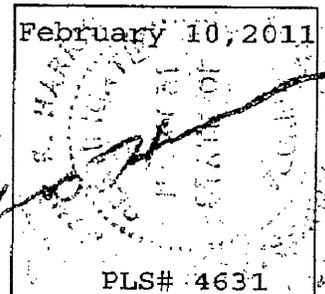
a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	<u>3.71</u> <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
b) Top of the next higher floor	<u>N/A</u> <input type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
c) Bottom of the lowest horizontal structural member (V Zones only)	<u>N/A</u> <input type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
d) Attached garage (top of slab)	<u>N/A</u> <input 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>N/A</u> <input type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
f) Lowest adjacent (finished) grade next to building (LAG)	<u>4.4</u> <input checked="" type="checkbox"/> feet	<input type="checkbox"/> meters (Puerto Rico only)
g) Highest adjacent (finished) grade next to building (HAG)	<u>4.5</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>N/A</u> <input 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.

Check here if comments are provided on back of form. Were latitude and longitude in Section A provided by a licensed land surveyor?  Yes  No

Certifier's Name <b>John B. Harris</b>	License Number <b>PLS# 4631</b>
Title <b>Florida Land Surveyor</b>	Company Name <b>Harris-Jorgensen, Inc.</b>
Address <b>2706 S.E. Santa Barbara Place</b>	City <b>Cape Coral</b>
State <b>Florida</b>	ZIP Code <b>33904</b>
Signature <i>[Signature]</i>	Date <b>02/10/2011</b>
Telephone <b>(239)772-9939</b>	

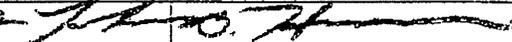


<b>IMPORTANT: In these spaces, copy the corresponding information from Section A.</b>			For Insurance Company Use:
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 201 Old San Carlos Boulevard			Policy Number
City Fort Myers Beach	State Florida	ZIP Code 33931	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  
C-2 A Elevation = Finished Floor

Signature 

Date 02/10/2011

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
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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 \_\_\_\_\_  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



**HARVEY ENGINEERING INC**  
**ENGINEERS + CONSULTANTS**

2230 First St Unit 215  
Fort Myers, FL 33901  
CA7640

ph 239.689.4731  
fax 239.689.4732

August 31, 2010

Lee County Development Services  
P O Box 396  
Ft Myers, FL 33902

Re: Island Hotel, Ft Myers Beach, FL  
COM 08-0085  
Flood Panels

To whom it may concern,

We have been retained as the Specialty Engineer to design the Flood/Impact Resistant panels for the above project.

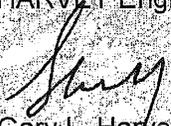
The panels are 1/8" thick reinforced aluminum sheets. Storm panels designed for large and small missile impact are fabricated from .061 (1/16") corrugated aluminum by NOA05-0713.02.

By rational analysis allowed by FBC 104.11, "Alternate materials, design and methods", and FS 553.8425(3), Local Product Approval, we are submitting the flood panels are able to resist the hydrostatic flood loads for this project and to serve as a panel to meet the wind requirements for 130 mph, Exposure C, High Velocity Wind Region, Large and Small Missile Impact.. The design is site specific taking in account the opening sizes and the potential water level according to the flood zone requirements.

Upon completion, we will inspect the installation and prepare FEMA certification as required by the code. The inspection will be for the flood panels designed and any other openings noted to provide a FEMA floodproof certificate and the Large and Small Missile Impact requirements of the Florida Building Code.

We appreciate this opportunity to be of continuing service on this project. If we can be of further assistance, please contact this office.

Sincerely,  
HARVEY Engineering, Inc.

  
Gary L. Harvey, PE, SECB, F.ASCE  
Principal

HEI Project No. 10359  
AUG 31 2010