U.S. DEPARTMENT OF HOMELAND SECURITY

ELEVATION CERTIFICATE

OMB No. 1660-0008 Expires February 28, 2009

Federal Emergency Management Agency			4.0	Expires February 28, 2009
National Flood Insurance Program	Important: Read the i			
		PERTY INFORMA	TION	For Insurance Company Use:
A1. Building Owner's Name JIMMY R. LE	WIS AND KATHY D. LEWIS			Policy Number
A2. Building Street Address (including Apt. 2 18 th AVENUE (2 STORY RESIDENCE))		.O. Route and Box No).	Company NAIC Number
	ate FL ZIP Code 33785			
A3. Property Description (Lot and Block Nu LOT 11 AND PART OF LOT 10 BLOCK 17,	mbers, Tax Parcel Number, Legal RE-REVISED MAP OF INDIAN BI	Description, etc.) EACH		
 A4. Building Use (e.g., Residential, Non-Re A5. Latitude/Longitude: Lat. 27" 54' 03.20" A6. Attach at least 2 photographs of the butour A7. Building Diagram Number 1 A8. For a building with a crawl space or entire a) Square footage of crawl space or entire b) No. of permanent flood openings in enclosure(s) walls within 1.0 foot at c) Total net area of flood openings in 	NORTH Long. 82° 50' 55.10" WE liding if the Certificate is being use closure(s), provide nclosure(s) NA sq ft to bove adjacent grade NA	ST d to obtain flood insur A9. For a bi a) Squ b) No. wall	ance. Liking with an attacture footage of attacture of permanent flood is within 1.0 foot about the contracture of the contrac	hed garage, provide: thed garage 1178 sq ft openings in the attached garage ove adjacent grade NA openings in A9.b NA sq in
SEC	TION B - FLOOD INSURANCE	RATE MAP (FIRM) INFORMATION	
B1. NFIP Community Name & Community INDIAN ROCKS BEACH - 125117	Number B2, County N PINELLAS	ame		B3. State FLORIDA
B4. Map/Panel Number B5. Suffix 12103C0113 G		. FIRM Panel ive/Revised Date 9/3/03	B8. Flood Zone(s) VE	B9. Base Flood Elevation(s) (Zone AO, use base flood depth)
B10. Indicate the source of the Base Flood FIS Profile FIRM B11. Indicate elevation datum used for BFE B12. Is the building located in a Coastal Bar Designation Date	☐ Community Determined in Item B9: ☐ NGVD 1929 rier Resources System (CBRS) an ☐ CBRS	Other (Describe) NAVD 1988 as or Otherwise Prote	Other (Describe)	∐Yes ⊠No
SECTIO	ON C - BUILDING ELEVATION			
C1. Building elevations are based on: "A new Elevation Certificate will be required." C2. Elevations — Zones A1-A30, AE, AH, A below according to the building diagram Benchmark Utilized #PLR - 75 1986 Conversion/Comments NAVD	(with BFE), VE, V1-V30, V (with BI specified in Item A7.	☐ Building Under ing is complete. FE), AR, AR/A, AR/AE		☑ Finished Construction H, AR/AO. Complete Items C2.a-g
		C	theck the measuren	nent used.
a) Top of bottom floor (including basement b) Top of the next higher floor c) Bottom of the lowest horizontal strictly disconsisted and trached garage (top of slab) e) Lowest elevation of machinery or e (Describe type of equipment in Cof) Lowest adjacent (finished) grade (g) Highest adjacent (finished) grade (g)	uctural member (V Zones only) equipment servicing the building mments) LAG)	22.42	t	to Rico only) ors (Puerto Rico only) to Rico only) to Rico only) to Rico only)
	ON D - SURVEYOR, ENGINE			
This cartification is to be signed and sealer information. I certify that the information of understand that any false statement may. Check here if comments are provided.	n this Certificate represents my bes be punishable by fine or imprisonn	at efforts to interpret th	e data avallable.	ole 1/2/10 M
Certifier's Name JOHN C. BRENDLA		License Number 1	269	T/\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Title REGISTERED LAND SURVEYOR Address 4015 827 AVENUE NORTH Signature	City PINELLAS PARK	State FL ZIP C	ode 33781	Z MAN
FORM Form 81-31 February 2006	See reverse s	ide for continuation		Replaces all previous edition

IMPORTANT: 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. 2 18 TH AVENUE (2 STORY RESIDENCE)	Policy Number
City INDIAN ROCKS BEACH State FL ZIP Code 33785	Company NAIC Number
SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CON	TINUED)
Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building own	ner
Comments c2e A/C 9/2D NOTE: REGARDING C2-c) BOTTOM OF SLAB ELEVATION NOT AVAILABLE	£.
BENCHMARK MAP #PLR-75.1986 FLOV 9.17 N.G.V.D. ADJ TO 8 40 N.A.V.D M.S.L. = 0.00	
1 m 1 2 month	
Signature Date 06/15/10	Charle have developed
SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AM	Check here if attachments ND 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 and C. For Items E1-E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters are considered in Provide elevation information for the following and check the appropriate boxes to show whether the elevation is absorbed (HAG) and the lowest adjacent grade (LAG). a) Top of bottom floor (including basement, crawl space, or enclosure) is	ove or below the highest adjacent bove or below the HAG bove or below the LAG structions), the next higher floor IAG.
SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFIC	24.7/04
The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a F 11)	
or Zone AO must sign nere. The statements in Sections A, B, and E are correct to the best of my knowledge	rissued of community-issued BPE)
Property Owner's or Owner's Authorized Representative's Name	
Address City	越 三分
Signature Date	
Comments	
SECTION G - COMMUNITY INFORMATION (OPTION	ra if attachments
he local official who is authorized by law or ordinance to administer the community's floodolain man-	ate Sections A, B, C (or E).
nd G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measure The information in Section C was taken from other documentation that has been signed and sealed	id G9.
is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Com-	below)
A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-is The following information (Items G4 -G9.) is provided for community floodplain management purposes.	ssum () or Zone A
G4. Permit Number G5. Date Permit Issued G6. Date Certificate Of Comp	
	pand
77. This permit has been issued for: New Construction Substantial Improvement	
8. Elevation of as-built lowest floor (including basement) of the building: feet meters (PR) Datu 9. BFE or (in Zone AO) depth of flooding at the building site: feet meters (PR) Datu	i—
9 BFE or (in Zone AO) depth of flooding at the building site:	<u> </u>
Local Official's Name Title	
Community Name Telephone	
Signature Date	
Comments	
y	
•	
L Company of the comp	Check here if attachments

O M 8 No 3067-0077 Expires May 31, 1993

SEE REVERSE SIDE FOR CONTINUATION

ELEVATION CERTIFICATE
DERAL EMERGENCY MANAGEMENT A .C. 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 con	npleting this I	orm can be found on th	is tollowing pag	.03.
	SECTION A PRO	PERTY INFO	RMATION		FOR INSURANCE COMPANY USE
BUILDING OWNERS NAME				-	POLICY NUMBER
STREET ADDRESS (Including Ap	t., Unit, Suite and or Bidg. h	(umber) OR FO. R	OUTE AND BOX NUMBER		COMPANY NAIC NUMBER
OTHER DESCRIPTION (Lot and I					
LOT 11 AND SO. 1	/2 OF LOT 10, 1	BLOCK 17,	DESC. RE-REV. MA	P OF INDIAN	BEACH
CITY				STATE	ZIP COOE
	SECTION B FL	OOD INSURA	NCE RATE MAP (FIRM)	INFORMATION	
Provide the following from t	ne proper FIRM (See	Instructions)			
1 COLMAN TY NUMBER	2 PANEL NUNSER	3 SUFFIX	x 3C-V AURT TO 3TAG a	5 F RM ZONE	6 BASE FLOOD ELEVATION
125117	6003	В	3/2/83	A-11	10 PEET
Indicate the elevation data. For Zones A or V, where the community's BFE:	no BFE is provided o	n the FIRM, ar	d the community has esti	ablished a BFE fo	Other (describe on back or this building site, indicate
12 (12 (12)			NG ELEVATION IMPORM		
(c) FIRM Zone A (without below (check one) (d) FIRM Zone AO The one) the highest gradilevel) elevated in acct. 3. Indicate the elevation da under Comments on Patter Hill Jee Section equation under Comme. 4. Elevation reference mar. 5. The reference level elev.	is at an elevation of _ BFE). The floor used the highest grade at floor used as the refe a adjacent to the build ordance with the communities system used in di- ge 2). (NOTE: If the B, them 7], then convi- tis on Page 2.) k used appears on Fli atton is based on:	d as the refere tracent to the brence level from the brench level from the brench level from the brench daturent the elevation daturent the elevation daturent the brench level from the brench level	Leet NGVD (or other F:Fince level from the selecte building. In the selected diagram is didepth number is available lain management ordinary above reference level eliminated in measuring the lain is to the diagram system of the lain of the lain is constructions of the lain is construction of diagram of the lain is construction of diagram of the lain is construction of the lain is constructed by the lain is c	ith datum—see Sid dragram is	ection B, Item 7).
case this certificate will be required once cor 6. The elevation of the low	inly be valid for the bu istruction is complete.	iilding during ti)	ne course of construction.	A post-construc	tion Elevation Certificate
Section B, Item 7)					
	s	ECTION D C	OMMUNITY INFORMATI	ON	
If the community official is not the Towest floor floor as defined by the Date of the start of cons.	es delined in the comordinance is:	munity's floodp	itain management ordinar NGVD (or other FIRM da	ice, the elevation	of the building's "lowest

REPLACES ALL PREVIOUS EDITIONS

FEMA Form 81-31, MAY 90

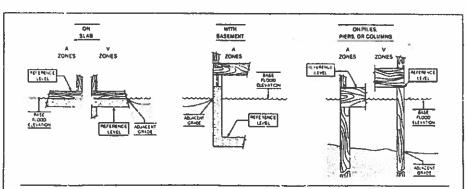
SECTION E CERTIFICATION

This certification is to be signed by a land surveyor, engineer, or architect who is authorized by state or local law to certify elevation information when the elevation information for Zones A1–A30, AE, AH. A (with BFE), V1–V30, VE, and V (with BFE) is required. Community officials who are authorized by local law or ordinance to puvide floodplain management information, may also sign the certification, in the case of Zones AO and A (without a FEMA or community issued BFE), a building official, a property owner, or an owner's representative may also sign the certification.

Reference level diagrams 6, 7 and 8 - Distinguishing Features-III the certifier is unable to certify to breaka vay/non-breakaway wall, enclosure size, location of servicing equipment, area use, wall openings, or unfinished area Feature(s), tinen tist the Feature(s) not included in the certification under Comments below. The diagram number, Section C, tiem 1, must still be entered.

I certify that the information in Sections 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.

CERTIFIERS NAME - JOHN C. BRENDLA	LICENSE NUMBER (or Arts Seat) 1269
REGISTERED JAND SURVEYOR	COMPANY NAME JOHN C. BRENDLA & ASSOCIATES, INC.
4075 82MD AVENUE NORTH	PINELIAS PARK, FLORIDA 337812 2
SIGNATURE IN CHAMBE	MARCH 6, 1998 (813) 576-7546
The state of the s	120102 0, 0330 (011)
_ / _ /	for: 1) community official, 2) Insurance agent/company, and 3) building owner.
Copies should be made of this Certificate	
Copies should be made of this Certificate	for: 1) community official, 2) Insurance agent/company, and 3) building owner.



The diagrams above illustrate the points at which the elevations should be measured in A Zones and V Zones.

Elevations for aff A Zones should be measured at the top of the reference level floor.

Elevations for all V Zones should be measured at the bottom of the lowest horizontal structural member.

John C. Brendla & Associates, Inc.

CONSULTING ENGINEERS AND LAND SURVEYORS
4015 82nd Avenue North, Pinellas Park, Florida 33781
Phone 727-576-7546 - Fax 727-577-9932

E-mail: Offc@jcbrendla.com

March 27, 2009

Mr. John Mortellite Building Director City of Indian Rocks Beach 1507 Bay Palm Blvd. Indian Rocks Beach, Florida 33781



Re: Survey history of finish floor elevation of property described as #2 18th

Avenue, Indian Rocks Beach, Florida 33785-2945.

Dear Mr. Mortellite:

The purpose of this letter is to give you the surveying history of 2 surveys enclosed herewith of the subject property performed by our company.

The earliest drawing was a foundation survey of the residence dated October 16, 1997. The finish floor slab elevation was found to be 10.42 feet as per N.G.V.D. 29, Datum, which would have been in compliance with the existing flood zone delineation of "A-11, Minimum elevation of 10.00 feet" at that time.

In September 3rd 2003, FEMA changed the elevation datum to N.A.V.D. 88 which lowered the elevation datum by approximately 0.88 feet. At the same time they revised all of their flood maps creating new flood zones and minimum elevation requirements. Unfortunately the subject property on the new maps was revised to an AE-11 feet, AE-12 feet and VE 12 feet designation. This revised information is shown on our current survey dated January 16, 2009.

It would appear that the first survey of 1997 was in compliance with the maps at that time, some 12 years ago but not under today's Fema criteria.

If you have any questions on this matter please advise.

Yours very truly,

John C. Brendla, P.E., P.L.S.

2 éncls.

c.c.: John Donnegan