U.S. DEPARTMENT OF HOMELAND SECURITY
FEDERAL EMERGENCY MANAGEMENT AGENCY
National Flood Insurance Program

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1–9.

CWSI JOB NUMBER: 1323-0298 FINAL

OMB No. 1660-0008
Expiration Date: July 31, 2015

SECTION A – PROPERTY INFORMATION

FOR INSURANCE COMPANY USE
Policy Number:
Company NAIC Number:

A1. Building Owner's Name MAKING WAVES IN PCB, LLC

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
5409 GULF DRIVE

City PANAMA CITY BEACH State FL ZIP Code 32408

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
LOT 4, BLOCK 6, GULF LAGOON BEACH, PID # 32285-000-000

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) RESIDENTIAL

A5. Latitude/Longitude: Lat. 30.143093 Long. -85.757146 Horizontal Datum: ☐ NAD 1927 ☒ 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 5

A8. For a building with a crawlspace or enclosure(s):
a) Square footage of crawlspace or enclosure(s) 0 sq ft
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 0
c) Total net area of flood openings in A8.b 0 sq in
d) Engineered flood openings? ☐ Yes ☒ No

A9. For a building with an attached garage:
a) Square footage of attached garage 0 sq ft
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade 0
c) Total net area of flood openings in A9.b 0 sq in
d) Engineered flood openings? ☐ Yes ☒ No

SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number	B2. County Name	B3. State
BAY COUNTY 120004	BAY	FLORIDA

B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone AO, use base flood depth)
12005C-0319	H	06-02-2009	06-02-2009	VE	13.0

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.
☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other/Source: _____

B11. Indicate elevation datum used for BFE in Item B9: ☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source: _____

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No
Designation Date: _____ ☐ CBRS ☐ OPA

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. In Puerto Rico only, enter meters.
Benchmark Utilized: 46-91-DA-07 Vertical Datum: NAVD 1988
Indicate elevation datum used for the elevations in items a) through h) below. ☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source: _____
Datum used for building elevations must be the same as that used for the BFE.

		Check the measurement used.	
a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	20.59	☒ feet	☐ meters
b) Top of the next higher floor	30.66	☒ feet	☐ meters
c) Bottom of the lowest horizontal structural member (V Zones only)	18.61	☒ feet	☐ meters
d) Attached garage (top of slab)	N/A	☐ feet	☐ meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	19.71	☒ feet	☐ meters
f) Lowest adjacent (finished) grade next to building (LAG)	12.3	☒ feet	☐ meters
g) Highest adjacent (finished) grade next to building (HAG)	14.6	☒ feet	☐ meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	12.3	☒ feet	☐ meters

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.
☒ Check here if attachments.

Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No

3257
PLACE SEAL HERE
2-16-15

Certifier's Name HULON E. WALSINGHAM License Number 3257

Title PRESIDENT Company Name COUNTY WIDE SURVEYING, INC

Address 707 JENKS AVENUE STE F City PANAMA CITY State FL ZIP Code 32401

Signature Date 02-16-15 Telephone 850-769-0345

CWSI JOB NUMBER: 1323-0298 FINAL

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. 5409 GULF DRIVE	Policy Number:
City PANAMA CITY BEACH State FL ZIP Code 32408	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

C3. e) Lowest elevation of machinery and/or equipment servicing the building is the Air Conditioner Pad at 19.71 feet.

Signature Date 02-16-15

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–G10. In Puerto Rico only, enter meters.

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–G10) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate Of Compliance/Occupancy Issued
RB14-0192	3-21-14	2-25-15

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 Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____._____ ☐ feet ☐ meters Datum _____

G10. Community's design flood elevation: 17.4 ☑ feet ☐ meters Datum NGVD

Local Official's Name Title

Community Name Telephone

Signature D.S. 2/18/15 Date

Comments
Seaward of CCCL. Required elevation 17.4 ft. NGVD.

☐ Check here if attachments.

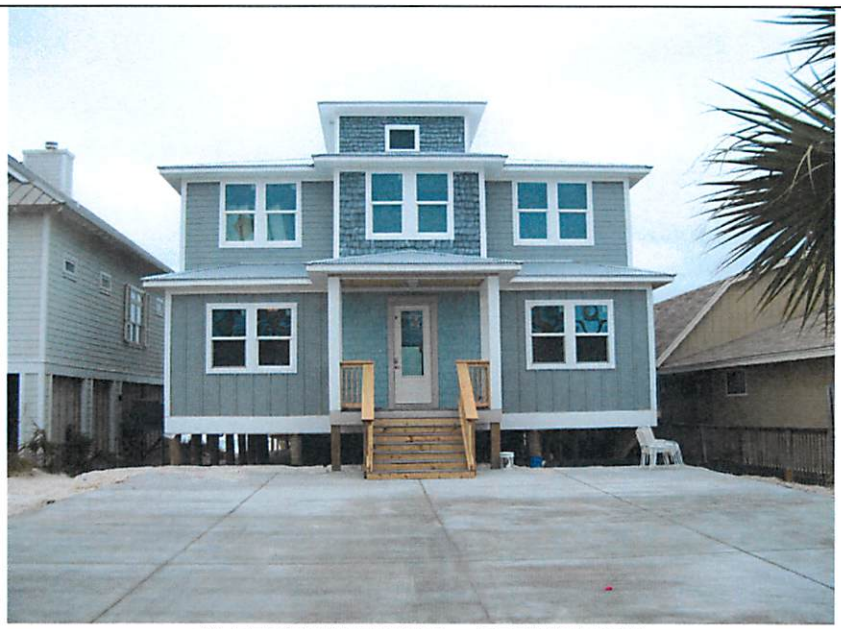
Building Photographs

See Instructions for Item A6.

IMPORTANT: In these spaces, copy the corresponding information from Section A.

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 5409 GULF DRIVE	FOR INSURANCE COMPANY USE Policy Number:
City PANAMA CITY BEACH State FL ZIP Code 32408	Company NAIC Number:

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below according to the instructions for Item A6. Identify all photographs with date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.



16 FEBRUARY 2015 -- FRONT VIEW

16 FEBRUARY 2015 -- REAR VIEW

V ZONE DESIGN CERTIFICATE

Name Donald and Marilyn Nations Policy Number *(Insurance Co. Use)* _____

Building Address or Other Description 5409 Gulf Drive

Permit No. RB140192 City Panama City Beach State FL Zip Code 32408

SECTION I: Flood Insurance Rate Map (FIRM) Information

Community No. 120004 Panel No. 12005C-0319 Suffix H FIRM Date 5-2-2009 FIRM Zone(s) VE

SECTION II: Elevation Information Used for Design

[NOTE: This section documents elevations used in the design – it does not substitute for an as-built Elevation Certificate.]

1. Datum..... ☐ NGVD ☒ NAVD ☐ Other
2. Elevation of the Bottom of Lowest Horizontal Structural Member ..... 18.61 feet above datum
3. Base Flood Elevation (BFE)..... 13.0 feet above datum
4. Elevation of Lowest Adjacent Grade ..... 11.2 feet above datum
5. Approximate Depth of Anticipated Scour/Erosion used for Foundation Design..... 5.0 feet above datum
6. Embedment Depth of Pilings or Foundation Below Lowest Adjacent Grade..... 28' feet above datum

SECTION III: V Zone Design Certification Statement

[NOTE. This section must be certified by a Florida licensed engineer or architect.]

I certify: (1) that I have developed or reviewed the structural design, plans, and specifications for construction and (2) that the design and methods of construction to be used are in accordance with accepted standards of practice for meeting the following provisions:

- The bottom of the lowest horizontal structural member of the lowest floor (with the exception of mat or raft foundations, piling, pile caps, columns, grade beams and bracing) is elevated to or above the BFE in accordance with the requirements of the *Florida Building Code* and local floodplain management regulations; and
- The pile and column foundation and building or structure to be attached thereto is designed in accordance with the *Florida Building Code* to be anchored to resist flotation, collapse, and lateral movement due to the effects of the wind and flood loads acting simultaneously on all building components, and other load requirements of the *Florida 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 Design Certification Statement

[NOTE. This section must also be certified by a Florida licensed engineer or architect when breakaway walls exceed a design safe loading resistance of 20 pounds per square foot. This requirement does not apply to open wood/plastic lattice/slats/louvers or insect screening.]

I certify: (1) that I have developed or reviewed the structural design, plans, and specifications for construction and (2) that the design and methods of construction to be used for the breakaway walls are in accordance with the *Florida Building Code, Building* (ASCE 24) or *Florida Building Code, Residential,* as applicable, and accepted standards of practice.

SECTION V: Certification and Seal

This certification is to be signed and sealed by a Florida licensed professional engineer or architect authorized by law to certify structural designs. *I certify the V Zone Design Certification Statement in Section III and the Breakaway Wall Design Certification Statement in Section IV (if applicable).*

Elliott W. Allen, P.E. FL 42137

Certifier's Name License Number

Civil Engineer Gulf Coast Engineering

Title Company Name

P.O. Box 4915 Fort Walton Beach FL 32549

Address City State ZIP

7-15-2014 850-240-3520

Signature Date Telephone

Place Seal Here

7-15-14

Florida Model V Zone Design Certificate (April 16, 2012)