

Note: The V Zone design certificate is not a substitute for the NFIP Elevation Certificate (see Fact Sheet No. 1.4, *Lowest Floor Elevation*), which is required to certify as-built elevations needed for flood insurance rating.

V ZONE DESIGN CERTIFICATE

Name _____ Policy Number (Insurance Co. Use) _____

Building Address of Other Description _____

Permit No. _____ City _____ State _____ Zip Code _____

SECTION I: Flood Insurance Rate Map (FIRM) Information

Community No. _____ Panel No. _____ Suffix_ FIRM Date _____ FIRM Zone(s) _____

SECTION II: Elevation Information Used for Design

[NOTE: This section documents the elevations/depths used or specified in the design – it does not document surveyed elevations and is not equivalent to the as-built elevations required to be submitted during or after construction.]

- 1. FIRM Base Flood Elevation (BFE) feet*
- 2. Community's Design Flood Elevation (DFE) feet*
- 3. Elevation of the Bottom of Lowest Horizontal Structure Member feet*
- 4. Elevation of Lowest Adjacent Grade feet*
- 5. Depth of Anticipated Scour/Erosion used for Foundation Design feet
- 6. Embedment Depth of Pilings of Foundation Below Lowest Adjacent Grade feet

* Indicate elevation datum used in 1-4: NGVD29 NAVD88 Other _____

SECTION III: V Zone Design Certification Statement

I certify that: (1) I have developed or reviewed the structural design, plans, and specifications for construction of the above-referenced building and (2) that the design and methods of construction specified 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 (excluding piles and columns) is elevated to or above the BFE.
- The pile and 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***. 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 Design Certification Statement

[NOTE. This section must be certified by a registered engineer or architect when breakaway walls are designed to have a resistance of more than 20 psf (0.96 kN/m2) determined using allowable stress design]

I certify that: (1) I have developed or reviewed the structural design, plans, and specifications for construction of breakaway walls to be constructed under the above-referenced building and (2) that the design and methods of construction specified to be used are in accordance with accepted standards of practice** for meeting the following provisions:

- Breakaway wall collapse shall result from a water load less than that which would occur during the base flood***.
- 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 (see Section III).

SECTION V: Certification and Seal

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

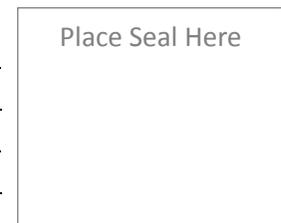
Certifier's Name _____ License Number _____

Title _____ Company Name _____

Address _____

City _____ State _____ Zip Code _____

Signature _____ Date _____ Telephone _____





CCCL ELEVATION CERTIFICATE

BAY COUNTY BUILDERS' SERVICES DIVISION

This certificate is required by section 3109 of the 6th Edition Florida Building Code for habitable structures built seaward of a coastal construction control line to ensure the lowest horizontal structural member of such structures is located above the local one-hundred-year storm elevation as published in the Florida Department of Environmental Protection's document titled, "[One-Hundred-Year Storm Elevation Requirements for Habitable Structures Located Seaward of a Coastal Construction Control Line](#)". The elevation of the lowest horizontal structural member is to be shown in relation to National Geodetic Vertical Datum (N.G.V.D., 1929). **Note: The required elevation between range monument R1 – R91 is 17.4 feet NGVD; and between R128 – R144 the elevation is 17.1 feet NGVD.**

NOTICE: As part of the permit process and upon placement of the lowest horizontal structural member, the applicant shall submit to the building official certification of the elevation of the lowest horizontal structural member of the lowest floor as built in relation to National Geodetic Vertical Datum (N.G.V.D.). Said certification shall be prepared by or under the direct supervision of a registered land surveyor or professional engineer or architect and certified by the same and be submitted prior to commencing any addition work. Any work undertaken prior to submission of the certification shall be at the applicant's risk. The building official shall review the submitted elevation data, and any deficiencies found shall be corrected by the permit holder immediately and prior to any further work being permitted to proceed.

SECTION A Property Information	
PROPERTY OWNER'S NAME	
STREET ADDRESS (Including Apt., Unit, Suite and/or Bldg. Number) OR P.O. BOX NUMBER	
OTHER DESCRIPTION (Lot and Block Numbers, etc.)	PARCEL ID NO.
CITY STATE ZIP CODE	

SECTION B: One-Hundred-Year Storm Elevation Design Construction Information
1. Pursuant to the above document (One-Hundred-Year Storm Elevation Requirements), or site specific determination from D.E.P., the bottom of the lowest horizontal structural member must be located at or above _____ feet NGVD or NAVD (circle one).
2. The bottom of the lowest horizontal structural member of the building is designed at _____ feet NGVD or NAVD (circle one).
3. Control elevation reference mark used: Benchmark ID _____ BM elevation: _____ feet NGVD or NAVD (circle one).

SECTION C Certification: to be completed after placement of lowest horizontal structural member
This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information and be submitted to and approved by the building official prior to commencing any additional work.
I certify that the information in Sections A, B, and C on this certificate represents my best efforts to interpret the data available.
CERTIFIER'S NAME LICENSE NUMBER
TITLE COMPANY NAME
ADDRESS CITY STATE ZIP CODE
SIGNATURE DATE TELEPHONE
COMMENTS: _____ _____ _____ _____
Affix Seal