



**VE ZONE BUILDING DESIGN & CONSTRUCTION CERTIFICATE**

**Section I: Property Information**

To be completed by a Registered Professional Engineer or Architect

Building Owner's Name \_\_\_\_\_

Building Street Address \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Contact Phone Number \_\_\_\_\_

Coastal Barriers Resource Act (CBRA) Zone     Yes             No    Designation Date \_\_\_\_\_

Building Use \_\_\_\_\_

Check One:     New Construction     Substantial Improvement    Date of Construction \_\_\_\_\_

**Section II: Flood Insurance Rate Map (FIRM) Data**

NOTE: This Certificate is NOT a substitute for an Elevation Certificate.

Community Name \_\_\_\_\_ Community ID Number \_\_\_\_\_ FIRM Panel Number \_\_\_\_\_

Panel Suffix \_\_\_\_\_ Flood Zone \_\_\_\_\_ Date of FIRM Panel \_\_\_\_\_ Date of Index \_\_\_\_\_

**Section III: Elevation Information**

Datum Used:     NGVD 29     NAVD 88     OTHER \_\_\_\_\_

NOTE: Elevations and depths must be rounded to the nearest one tenth (1/10) of a foot.

Elevation of the bottom of the Lowest Horizontal Structural Member..... \_\_\_\_\_ Feet

Base Flood Elevation (BFE)..... \_\_\_\_\_ Feet

Elevation of Lowest Adjacent Grade (LAG)..... \_\_\_\_\_ Feet

Elevation of Highest Adjacent Grade (HAG)..... \_\_\_\_\_ Feet

Approximate depth anticipated of scour/erosion used for foundation design..... \_\_\_\_\_ Feet

Embedment depth of pilings or foundation below LAG..... \_\_\_\_\_ Feet

**Section IV: VE Zone Certifying Statement**

Check One:     Pre-Construction                     As-Built

NOTE: A Registered Professional Engineer or Architect who is authorized by law to certify such information in the State of Florida must certify this section.

I certify that I have developed or reviewed the structural design, plans and specifications for construction, and that the proposed design and methods of construction are in accordance with accepted standards of engineering practice for meeting the following provisions:

- The bottom of the lowest horizontal structure member of the lowest floor (excluding piles and columns) is elevated to above the Base Flood Elevation; and
- The pile or column foundation and structure attached hereto are anchored to resist floatation, collapse, and lateral movement due to the effects of wind and water loads acting simultaneously on all structure components. Water loading values used are those associated with the base flood. Wind loading values used are those required by applicable state or local building standards. The potential long-term erosion and local scour for the foundation elements are determined and incorporated in the design for conditions associated with the base flood, including wave action.

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

Community Development Department  
Building and Zoning Division

**VE ZONE BUILDING DESIGN & CONSTRUCTION CERTIFICATE cont.**

Building Street Address \_\_\_\_\_

**Section V: Breakaway Wall Certifying Statement** Check One:     Pre-Construction                       As-Built

NOTE: A Registered Professional Engineer or Architect who is authorized by law to certify such information in the State of Florida must certify this section.

I certify that I have developed or reviewed the structural design, plans and specifications for construction, and that the proposed design and methods of construction to be used for the breakaway walls are in accordance with accepted standards of engineering 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; 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 effects of wind and water loads action simultaneously on all structure components (structural and non-structural). The wind and water loading values to be used are those defined in Section IV.

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

**Section VI: Certification**                      Check One:     Section IV     Section V     Section IV & V

Printed Name of Certifier \_\_\_\_\_

Title \_\_\_\_\_ License Number \_\_\_\_\_

Email Address \_\_\_\_\_

Address \_\_\_\_\_ Phone Number \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Certifying Signature \_\_\_\_\_

Date \_\_\_\_\_



Permit # \_\_\_\_\_  
Reviewed By \_\_\_\_\_  
Date \_\_\_\_\_