

National Flood Insurance Program V-Zone Certificate
For Registered Engineers and Architects
For Buildings in V-Zones and Coastal A Zones

Name _____
Building, Address or Other Description _____
City _____ State _____ Zip Code _____

SECTION I: Flood Insurance Rate Map (FIRM) Information

Community Number _____ Panel Number _____ Suffix _____ Date of FIRM Index _____ FIRM Zone _____

SECTION II: Elevation Information

1. Elevation of the Bottom of Lowest Horizontal Structural Member feet (NAVD)
2. Base Flood Elevation (BFE)..... feet (NAVD)
3. Elevation of Lowest Adjacent Grade feet (NAVD)
4. Approximate Depth of Anticipated Scour/Erosion used for Foundation Design..... feet (NAVD)
5. Embedment Depth of Pilings or Foundation Below Lowest Adjacent Grade..... feet (NAVD)

SECTION III: V-Zone Certification Statement

NOTE. This section must be certified by a registered engineer or architect

I certify that I have developed or reviewed the structural design, plans, and specifications for construction and that the design and methods of construction to be used are in accordance with accepted standards of practice and FBC R322.3 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 plus the freeboard; and
- 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 Certification Statement

*NOTE. This section must be certified by a registered engineer or architect
when breakaway elements are proposed below the Base Flood Elevation and Freeboard*

I certify that I have developed or reviewed the structural design, plans, and specifications for construction and that the design and methods of construction to be used for the breakaway elements are in accordance with accepted standards of practice and FBC R322.3.4 for meeting the following provisions:

- Breakaway elements collapse shall result from a water load less than that which would occur during the base flood; and, if applicable,
- 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 (wind and water loading values to be used are defined in Section III).

SECTION V: Certification

Signature below certifies: _____ Section III; _____ Section IV

Certifier's Name _____
Title _____ License Number _____
Street Address _____
City _____ State _____ Zip Code _____
Date _____ Telephone Number _____
Signature _____

