

V - ZONE DESIGN CERTIFICATE

Name _____ Policy Number (*Insurance Co. Use*) _____

Building Address or Other Description _____

City _____ State _____ Zip Code _____ Permit No. _____

SECTION I: Flood Insurance Rate Map (FIRM) Information

Community No. _____ Panel No. _____ Suffix _____ FIRM Date _____ FIRM Zone _____

SECTION II: Elevation Information Used for Design

NOTE: This section documents the elevations/depths used or specified in the design – it is no a substitute for an Elevation Certificate.

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

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

SECTION III: V Zone Design Certification Statement

NOTE. sections III-VI must be certified by a registered engineer

I certify that I have developed or reviewed the structural design, plans, and specifications for construction of the above-referenced building and 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 (excluding piles and columns) is elevated to 1'-6" above the BFE; 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 Wall Design Certification Statement

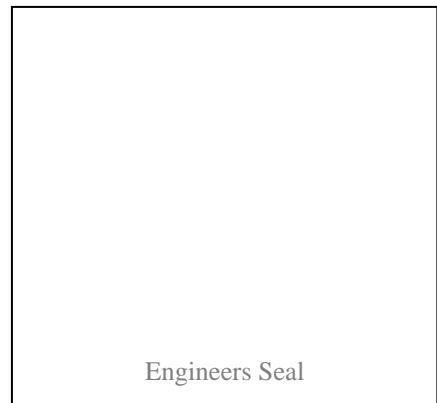
I certify that I have developed or reviewed the structural design, plans, and specifications for construction of breakaway walls to be constructed under the above-referenced building and that the design and methods of construction specified to be used are in accordance with accepted standards of practice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

- Breakaway wall collapse shall result from a water load less than that which would occur during the base flood; 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 acting simultaneously on all building components (see Section III).

SECTION V: Design Certification

This certification is to be signed and sealed by a registered professional engineer 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 _____ Firm No. _____
Title _____ Company Name _____
Address _____
City _____ State _____ Zip Code _____
Telephone _____ E-Mail _____
Signature _____ Date _____



Sections I-V (Page 1 and 2) are due at permit submittal

Provide Section VI (Page 3) to the Building Department prior to final inspection (If applicable)

V - ZONE CONSTRUCTION CERTIFICATE

Name _____ Policy Number (*Insurance Co. Use*) _____

Building Address or Other Description _____

City _____ State _____ Zip Code _____ Permit No. _____

SECTION I: Flood Insurance Rate Map (FIRM) Information

Community No. _____ Panel No. _____ Suffix _____ FIRM Date _____ FIRM Zone _____

SECTION VI: Final Construction Certification

I certify that I have inspected the construction of the breakaway walls, and they are constructed in accordance with the certified design documents.

Certifier's Name _____

License Number _____ Firm No. _____

Title _____ Company Name _____

Address _____

City _____ State _____ Zip Code _____

Telephone _____ E-Mail _____

Signature _____ Date _____

