



County of Gloucester

Building Inspections Department

6489 Main St. Ste 247

Gloucester, VA 23061

Phone: 804-693-2744 Fax: 804-824-2440

VE & COASTAL A ZONE DESIGN & BREAKAWAY WALL CERTIFICATION

(must be completed & sealed by architect or engineer)

Property Owner Name _____ Permit # _____

Building Address or Other Description

_____ State _____ Zip
Code _____

SECTION 1: Flood Insurance Rate Map (FIRM) Information

Community No. 510071 Map/Panel No. _____ Suffix _____

FIRM Zone(s) _____ FIRM Date September 17, 2010

SECTION II: V Zone Design Certification Statement

I Certify that:

(1) I have developed or reviewed the structural design, plans, & specifications for construction & (2) that the design & methods of construction 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 & columns) is elevated two (2) feet above the BFE; and
- The pile & column foundation & structure attached thereto is anchored to resist flotation, collapse, & lateral movement because of the wind & water loads acting simultaneously on all building components. Water loading value used are those associated with the base flood. Wind loading values used are those required by the applicable Virginia Uniform Statewide Building Code (USBC). The potential for scour & erosion at the foundation has been anticipated for conditions associated with the base flood, including wave action.
- Electrical, mechanical, & plumbing system components are not to be mounted on or penetrate through walls that are designated to break away under wind & flood loads.

SECTION III: Breakaway Wall Inspection Certification Statement

I Certify that (1) I have inspected the structural design, plans, & specifications for construction & (2) inspected the methods of construction for the breakaway walls constructed (3) Using the allowable stress design that include the 100 mph wind zone & resistance of more than 20 psi (0.96 kN/m²) & found they 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 design flood.
- The elevated portion of the building & supporting foundation system shall not be subject to collapse, displacement, or other structural damage because of wind & water loads acting simultaneously on all building components (structural & nonstructural).

SECTION IV: Certification & Seal

This certification is to be signed & sealed by a registered professional engineer or architect authorized by law to certify structural designs. I certify that V Zone Design Certification Statement in Section II & the Breakaway Wall Inspection Certification Statement in Section III.

Certifier's Name _____

License Number _____

Title _____ Company Name _____

Address _____ City _____ State _____

Zip _____



Design Professional Seal Here