



City of Marco Island
Community Development Department
50 Bald Eagle Drive
Marco Island, FL 34145

V-ZONE BREAKAWAY WALL DESIGN CERTIFICATE

PRE-CONSTRUCTION _____ AS BUILT _____

Name of Property Owner: _____ Permit #: _____

Building Address: _____

Flood Insurance Rate Map (FIRM) Information

Community Number: 120426 Community Name: City of Marco Island

Panel Number: _____ Suffix: _____ Date of FIRM Index: _____

Elevation Information

1. BFE: _____ feet NGVD
2. Bottom of Lowest Horizontal Structural Member: _____ feet NGVD
3. Elevation of Lowest Adjacent Grade: _____ feet NGVD

Breakaway Wall Certification Statement

Note: Certificate must be signed and sealed by a registered professional engineer. A signed and sealed copy of this statement must also appear on the approved construction plans detailing breakaway wall construction.

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

- Breakaway walls have a design safe loading resistance of not less than 10 and no more than 20 pounds per square foot.
- Breakaway walls 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 combined effects of wind and water loads acting simultaneously on all building components, structural and non-structural. Wind loading values used shall be those required by applicable state or local building standards. Water loading values shall be those associated with the base flood. Such enclosed space shall be useable solely for parking of vehicles, building access or limited storage of maintenance items.

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

CERTIFICATION

Certifier's Name: _____ Title: _____

Company Name: _____ Registration Number: _____

Address: _____

Signature: _____ Date: _____

Seal: