



FINAL V-ZONE CERTIFICATE

County of Santa Cruz Planning Department

Permit / Application Number: _____

Owner: _____ APN: _____ - _____ - _____

Building Address: _____

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

NOTES: This Certificate must be certified by a registered engineer or architect and does not substitute for an Elevation Certificate. All elevations must be based upon NAVD 1988 datum and rounded to the nearest one tenth (1/10) of a foot.

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

SECTION III: V-Zone Certification Statement

NOTE: This section must be certified by a registered engineer or architect who is authorized by law to certify such information.

I certify that I have inspected the construction for compliance with the structural design, plans and specifications for construction and that the completed project meets 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; 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, including wave action. Wind loading values 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 Certification Statement

NOTE: This section must be certified by a registered engineer or architect who is authorized by law to certify such information.

I certify that I have inspected the construction of the completed project for compliance with the structural design, plans and specifications for construction and that the construction of the breakaway walls are in accordance with accepted standards of practice for meeting the following provisions:

- Breakaway walls have been constructed to collapse 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 will 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: Area Below B.F.E. in Velocity Zone

NOTE: This section must be certified by a registered engineer or architect who is authorized by law to certify such information.

I certify that the space below the lowest floor is usable solely for parking of vehicles, building access, and/or limited storage and that the design and methods of construction used are in accordance with accepted standards of practice for meeting the following provisions:

- All utilities, including ductwork and equipment are designed, located, and elevated to prevent flood waters from entering and accumulating in components during flooding.
- All utilities are located on structural, non-breakaway walls or members.
- All concrete slabs are frangible.

SECTION VI: Certification

Signature below certifies: ___ Section II; ___ Section III; ___ Section IV; ___ Section V

Note: This document must be wet-stamped with the certifier's appropriate Engineering or Architectural stamp.

Certifier's Name: _____ Company Name: _____

Title: _____ License Number / Expiration: _____

Street Address: _____

City: _____ State: _____ Zip Code: _____

Signature/
Stamp: _____ Date: _____ Telephone #: _____