



# V-ZONE CERTIFICATE

County of Santa Cruz Planning Department

Building 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 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 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; 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 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 walls 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 (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 designed to be usable solely for parking of vehicles, building access, and/or limited storage and that the design and methods of construction to be used are in accordance with accepted standards of practice for meeting the following provisions:

- All utilities, including ductwork and equipment are designed, located, and/or elevated to prevent flood waters from entering and accumulating in components during flooding.
- All concrete slabs are designed to be 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 #: \_\_\_\_\_