CITY AND BOROUGH OF JUNEAU
ALASKA'S CAPITAL CITY
COMMUNITY DEVELOPMENT

V-Zone Certificate

Development Permit Number:

Owner:

Address:

Section I: Flood Insurance Rate Map (FIRM) Information

Community Number: Panel Number: Suffix:

Date of FIRM Index: FIRM Zone:

Section II: Elevation Information

NOTE: This certificate is not a substitute for an Elevation Certificate. All elevations must be based on Mean Lower Low Water (MLLW) datum and rounded to the nearest one-tenth (1/10) of a foot.

1. Elevation of the Bottom of the Lowest Horizontal Structural Member: _____
2. Base Flood Elevation (BFE): _____
3. Elevation of Lowest Adjacent Grade (LAG): _____
4. Embedment Depth of Pilings or Foundation below LAG: _____
5. Will the Structure be Located Landward of the Reach of Mean High Tide? _____
6. Does the Project Involve the Use of Fill for Structural Support of Buildings? _____

Section III: V-Zone Certification Statement

NOTE: This section must be certified by a registered professional engineer or architect licensed in the State of Alaska.

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 or columns, is elevated to or above the BFE; and
- The pile or column foundation and structure attached thereto is anchored to resist flotation, collapse and lateral movement due to the effects of wind and water loads acting simultaneously on all building components. Wind and water loading values must each have a one percent chance of being equaled or exceeded in any given year (100-year mean recurrence interval). Wind loading values used are those required by applicable State statute and local code.

Section IV: Area Below BFE in Velocity Zone

NOTE: This section must be certified by a registered professional engineer or architect licensed in the State of Alaska.

I certify that the space below the lowest floor is designed to be used 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.
- Constructed with nonsupporting breakaway walls, open wood latticework, or insect screening intended to collapse under wind and water loads without causing collapse, displacement, or other structural damage to the elevated portion of the building or support foundation system.

Section V: Breakaway Wall Certification Statement

NOTE: This section must be certified by a registered professional engineer or architect licensed in the State of Alaska.

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 walls have a design safe loading resistance of not less than ten pounds per square foot and no more than 20 pounds per square foot. Or;
- Breakaway wall collapse must 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 must 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 (structural and nonstructural). Maximum wind and water loading values to be used in this determination must each have a one percent chance of being equaled or exceeded in any given year (100-year mean recurrence interval). Wind loading values shall be those required by applicable state statute and local code.

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:_____

[Stamp]

Signature:_____ Date:_____ Telephone #:_____