

V Zone Packet
DEPARTMENT OF PUBLIC WORKS
COUNTY OF HAWAI‘I

Notice regarding ELEVATION CERTIFICATE (FEMA Form 086-0-33)

The ELEVATION CERTIFICATE shall be certified (with signature and seal) twice:

1. Construction Drawings (Section C1 of Form) to provide the proposed elevation at the building permit approval stage.
2. Finish Construction (Section C1 of Form) to verify the actual as-built elevation.

Upon request for Final Inspection of a structure with an ELEVATION CERTIFICATE, the applicant shall submit a certified ELEVATION CERTIFICATE (Finished Construction) to the Engineering Division (Hilo: 961-8327 or Kona: 327-3530) for further processing with the Building Division.

Note Section B item B11. of the ELEVATION CERTIFICATE.

You can check either box, as follows:



NGVD 1929

-OR-



Other/Source: LTD

Technically, NGVD 1929 (National Geodetic Vertical Datum 1929) does not exist for the State of Hawai‘i. The current vertical datums in Hawai‘i are Local Tide Datum (LTD), which is based on tidal observations for each island. Add “LTD,” as shown above.

Note: Section C item C2.e) and Section D Comments of the ELEVATION CERTIFICATE.

Section C2. E) must be completed by including the elevation of the Water Heater, Washer and/or Dryer, AC Unit, Electrical Panel, etc. - Whichever is lowest. In Section D Comments, include a description of the Section C2. e) related equipment type and location.

Building above the minimum base flood elevation may reduce your flood insurance premium (if required by your mortgage company). Consult with your insurance agent.

Attachments: Special Flood Hazard Area Certification Form
Elevation Certificate (2 copies)
Elevation Notation of Building Permit Plans

(ZONE V or VE)

CHAPTER 27 - FLOOD CONTROL
HAWAI'I COUNTY CODE

Project Description _____

Address _____

City _____ State Hawai'i Zip Code _____ TMK (3) _____

Section I -Flood Insurance Rate Map Information

Community No 15166 Panel No. _____ Suffix _____ Date of FIRM _____ FIRM Zone _____ Base Flood Elevation _____

Section II -Elevation Information

- 1 Bottom of Lowest Horizontal Structural Member _____ ft.
2 Base Flood Elevation (BFE) _____ ft.
3 Highest Natural Ground Elevation Adjacent to Proposed Walls _____ ft.
4 Lowest Natural Ground Elevation Adjacent to Proposed Walls _____ ft.

Section III -Zone V Certification Statement

I certify that based upon development and/or review of structural design, specifications, and plans for construction including consideration of flood hazard forces, that the design and methods of construction are in accordance with accepted standards of practice for meeting the following provisions.

- 1) are in compliance with the standards and requirements of the Hawai'i County Code, Chapter 27, Flood Control;
2) the bottom of the lowest horizontal structural member of the lowest floor is elevated to or above the BFE;
3) are designed and constructed to not adversely affect the flooding of surrounding properties;
4) fill is not used for structural support of buildings;
5) new construction and other development are located on the landward side of the reach of mean high tide.

Project plans and specifications include.

- 1) certification of building plans by a structural engineer or architect,
2) certification of the lowest reference floor elevation on each set of construction plans,
3) the location of flood hazard boundaries as determined from the latest FEMA Flood Insurance Rate Map;
4) the base flood elevations, velocity and other data from the Federal Flood Maps and/or other studies;
5) existing and proposed elevations of the property grade,
6) existing and proposed structures, utilities and improvements.

Section IV -Breakaway Wall Certification Statement

(For breakaway walls with a design safe loading resistance of not less than 10 and no more than 20 psf)

I certify that based upon development and/or review of structural design, specifications, and plans for construction that the design and methods of construction of the breakaway walls are in accordance with accepted standards of practice for meeting the following provisions.

- 1) Breakaway collapse shall result from a water load less than that which would occur during the base flood,
2) 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;
3) The space below the lowest floor is useable solely for parking of vehicles, building access or storage.

Section V -Certification

This certification is conditioned upon the actual construction of the project being in strict accordance with the plans and specifications as stamped and signed by me.

Check one: Section III [] Sections III and IV []

Affix Seal Below
(Structural Engineer or Architect)

Signature _____

Name (print or type) _____

Title _____

Company _____

Address _____

Date _____