

County of Hawai'i
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
Flood Zone Determination

Tax Map Key: _____

Requested by: _____

Company: _____

Address: _____

Phone No. _____ Fax: _____

Date: _____

Flood Zone is: _____

Remarks: _____

Completed by: _____

Date: _____

Notes:

- 1) Property in Zone X (not within the Special Flood Hazard Area) may be damaged by a flood greater than that predicted on the Flood Insurance Rate Map, or from a local drainage problem not shown on the map. The Information provided here does not create liability for the County of Hawai'i, or any officer or employee thereof, for any damage that results from reliance on this information.
- 2) Buyers are advised to consult an Architect and/or Engineer or other experts of the buyers' choice if there are additional questions.
- 3) See attached about the mandatory purchase of Flood Insurance requirements.
- 4) The Federal Emergency Management Agency's (FEMA) Digital Flood Insurance Rate Maps (DFIRMs) are anticipated to become effective in September 2017.

Until FEMA's DFIRMs become effective, the County will consider both, the effective FIRMs and the Preliminary DFIRMs, and regulate according to the more restrictive map and Flood Insurance Study. We advise all coastal property owners to review FEMA's DFIRMs and design/construct as appropriate. The DFIRMs can be reviewed at the State of Hawai'i, Department of Land and Natural Resources' website: <http://gis.hawaiiinfip.org/fhat/>.

LEGEND

BASE FLOOD ELEVATION (BFE) – Water surface elevation of a flood having a one percent chance of being equaled or exceeded in any given year (also called the “100-year flood”).

FLOOD INSURANCE RATE MAP (FIRM) – Map used in administering the National Flood Insurance Program. The maps display shaded areas in the community that are subject to flooding. Flood Insurance rates are based on risk of the various Special Flood Hazard Areas zones (defined below) shown on the map. County of Hawai'i's regulations are tied to the different SFHA zones.

FIRM or SFHA zone information is available from the following sources:

- Order or viewed on the Internet by visiting <http://msc.fema.store>, or by going directly to MSCservices@riskmapcds.com or by calling 1-877-336-2627
- The State of Hawai'i Department of Land and Natural Resources provides property specific flood zone designation information at its website <http://gis.hawaiiinfip.org/fhat/>.
- The County of Hawai'i Department of Public Works provides (upon request and for a nominal fee) a copy of the Tax Map Key with the specific flood designations(s).

SPECIAL FLOOD HAZARD AREAS (SFHA) – Areas of land or zones that would be inundated by a flood having a 1 percent of occurring in any given year (also referred to as the base flood or 100-year flood).

ZONE A – No base flood determined

ZONE AE – BFE determined

ZONE AH – Flood depth of 1 to 3 feet (usually areas of ponding); base flood elevation determined

ZONE AO – Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flood, velocities also determined.

ZONE V – Coastal flood with velocity hazard (wave action); no BFEs determined.

ZONE VE – Coastal flood with velocity hazard (wave action); BFEs determined.

OTHER FLOOD AREAS – Areas of land or zones not designated as SFHAs.

ZONE X (Shaded) – Areas of 500-year flood; areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and, areas protected by levees from 100-year flood.

ZONE X – Areas determined to be outside the 500-year floodplain.

ZONE D – Areas in which flood hazards are not determined.

Notes:

- 1) FIRM maps do not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size, or all planimetric features outside SFHAs.
- 2) SFHAs (100-year flood) include Zones A, A1-A30, AE, AH, AO, V and VE.
- 3) Certain areas in SFHAs may be protected by flood control structures (e.g., levees).

