

SPECIAL PERMIT APPLICATION

EXHIBIT 10 - FLOOD HAZARD ASSESSMENT



FLOOD HAZARD ASSESSMENT REPORT

UNOFFICIAL

WAIKOLOA RD

0287C

PANEL NOT PRINTED
(AREA ALL IN ZONE X)

PRELIMINARY
ZONE X

(3) 6-8-001:066

0313F
Preliminary

0320F
Preliminary

Contact County of Hawaii (808) 961-8327
for official flood zone determination

0289C

PANEL NOT PRINTED
(AREA ALL IN ZONE X)

PRELIMINARY
ZONE D

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD ZONE DEFINITIONS

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD – The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zone A, AE, AH, AO, V, and VE. The Base Flood Elevation (BFE) is the water-surface elevation of the 1% annual chance flood. Mandatory flood insurance purchase applies in these zones:

-  **Zone A:** No BFE determined.
-  **Zone AE:** BFE determined.
-  **Zone AH:** Flood depths of 1 to 3 feet (usually areas of ponding); BFE determined.
-  **Zone AO:** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined.
-  **Zone V:** Coastal flood zone with velocity hazard (wave action); no BFE determined.
-  **Zone VE:** Coastal flood zone with velocity hazard (wave action); BFE determined.
-  **Zone AEF:** Floodway areas in Zone AE. The floodway is the channel of stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without increasing the BFE.

NON-SPECIAL FLOOD HAZARD AREA – An area in a low-to-moderate risk flood zone. No mandatory flood insurance purchase requirements apply, but coverage is available in participating communities.

-  **Zone XS (X shaded):** Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.
-  **Zone X:** Areas determined to be outside the 0.2% annual chance floodplain.

OTHER FLOOD AREAS

-  **Zone D:** Unstudied areas where flood hazards are undetermined, but flooding is possible. No mandatory flood insurance purchase requirements apply, but coverage is available in participating communities.

PROPERTY INFORMATION

COUNTY: HAWAII
TMK NO: (3) 6-8-001-066
PARCEL ADDRESS:

FIRM INDEX DATE: APRIL 02, 2004
LETTER OF MAP CHANGE(S): NONE
FEMA FIRM PANEL(S):

1551660287C - PANEL NOT PRINTED
 1551660289C - PANEL NOT PRINTED

PARCEL DATA FROM: JUNE 2013
IMAGERY DATA FROM: MAY 2005

IMPORTANT PHONE NUMBERS

County NFIP Coordinator
 County of Hawaii
 Frank DeMarco, CFM (808) 961-8042

State NFIP Coordinator
 Carol Tyau-Beam, P.E., CFM (808) 587-0267

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If this map has been identified as 'PRELIMINARY' or 'UNOFFICIAL', please note that it is being provided for informational purposes and is not to be used for official/legal decisions, regulatory compliance, or flood insurance rating. Contact your county NFIP coordinator for flood zone determinations to be used for compliance with local floodplain management regulations.