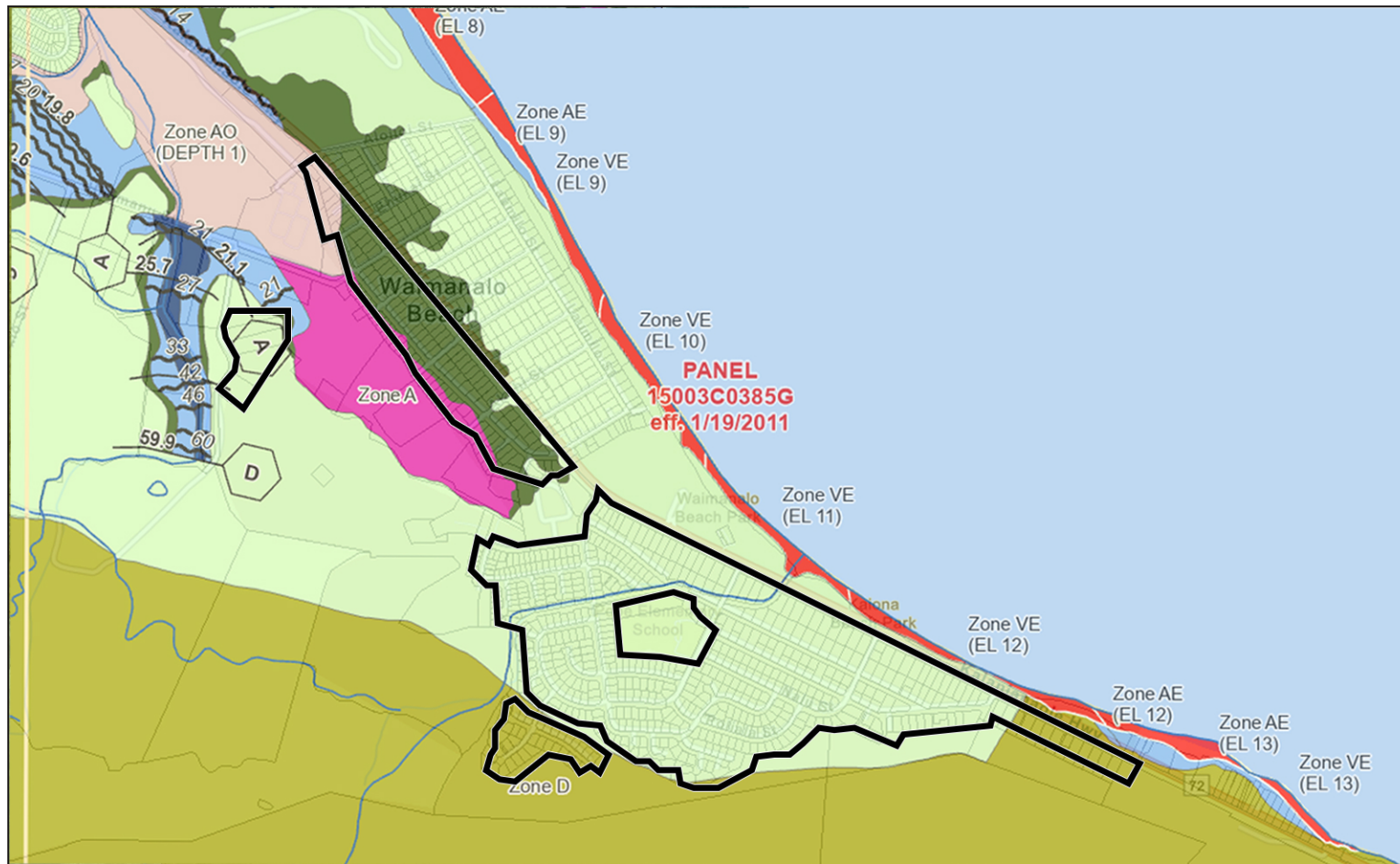




Flood Hazard Assessment Report

www.hawaiiifip.org

Property Information

COUNTY: HONOLULU
 TMK NO: (1) 4-1-007:005
 WATERSHED: KAHAWAI
 PARCEL ADDRESS: WAIMANALO EA
 WAIMANALO, HI 96795

Notes:

Flood Hazard Information

FIRM INDEX DATE: NOVEMBER 05, 2014
 LETTER OF MAP CHANGE(S): NONE
 FEMA FIRM PANEL: 15003C0385G
 PANEL EFFECTIVE DATE: JANUARY 19, 2011

THIS PROPERTY IS WITHIN A TSUNAMI EVACUATION ZONE: YES
 FOR MORE INFO, VISIT: <http://www.scd.hawaii.gov/>

THIS PROPERTY IS WITHIN A DAM EVACUATION ZONE: NO
 FOR MORE INFO, VISIT: <http://dlnreng.hawaii.gov/dam/>



Disclaimer: The Hawaii Department of Land and Natural Resources (DLNR) assumes no responsibility arising from the use, accuracy, completeness, and timeliness of any information contained in this report. Viewers/Users are responsible for verifying the accuracy of the information and agree to indemnify the DLNR, its officers, and employees from any liability which may arise from its use of its data or information.

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

FLOOD HAZARD ASSESSMENT TOOL LAYER LEGEND

(Note: legend does not correspond with NFHL)

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD - The 1% annual chance flood (100-year), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. SFHAs 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.

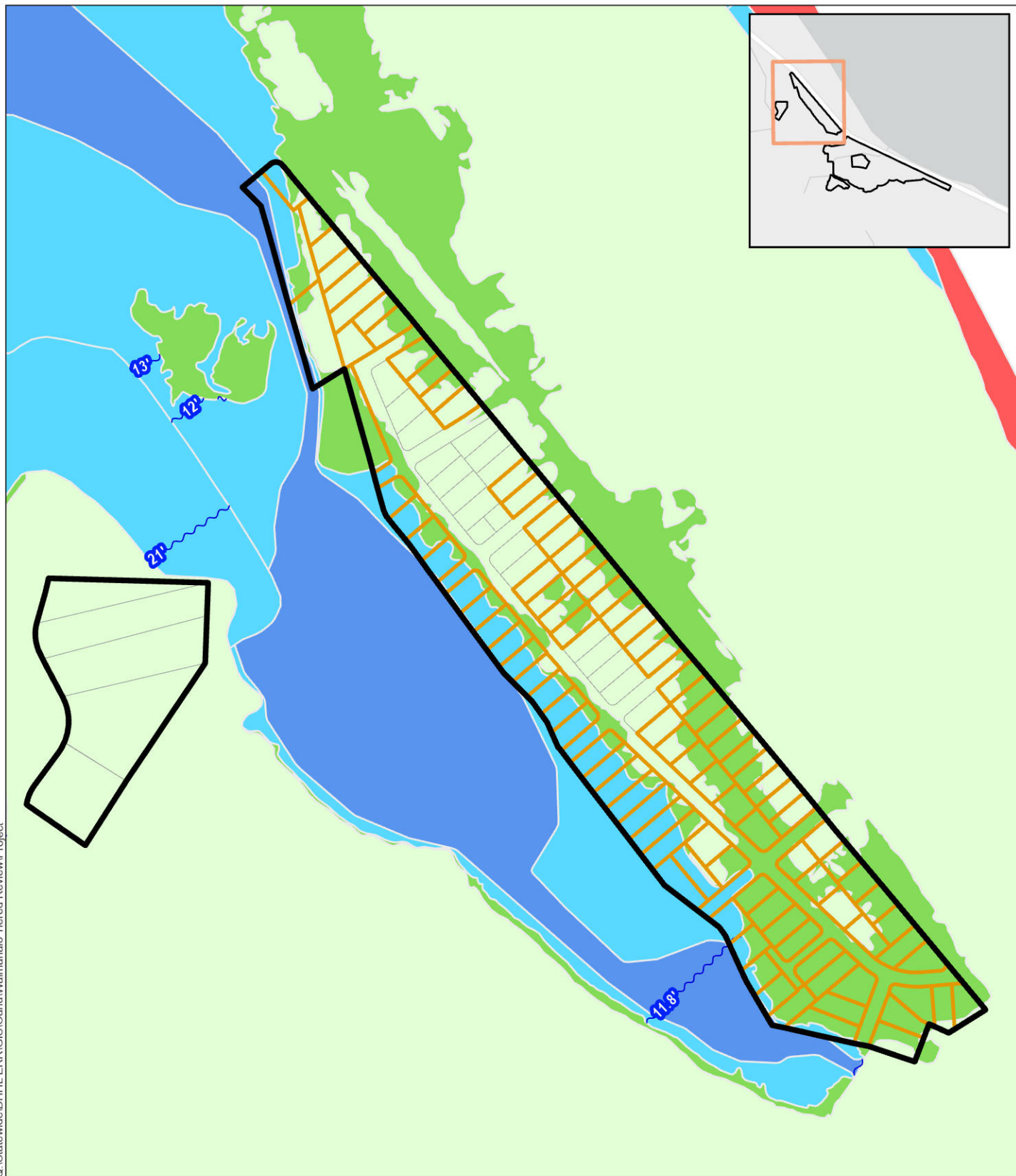
NON-SPECIAL FLOOD HAZARD AREA - An area in a low-to-moderate risk flood zone. No mandatory flood insurance purchase requirements apply, but coverage is available in participating communities.

	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 apply, but coverage is available in participating communities.
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DATE: 9/25/2025

LEGEND

- Project Area
- Parcels in Special Flood Hazard Areas
- Preliminary Base Flood Elevation (BFE)

Preliminary Flood Zones

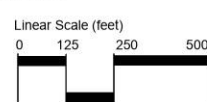
- AE: 1%-Annual-Chance Flood, with BFE
- VE: 1%-Annual-Chance Coastal Flood, with BFE
- AEF: Floodway Areas in AE
- XS: 0.2%-Annual-Chance Flood
- X: Outside 0.2%-Annual-Chance Floodplain

Preliminary Flood Insurance Rate Map A

Waimānalo Tiered Review

Department of Hawaiian Home Lands

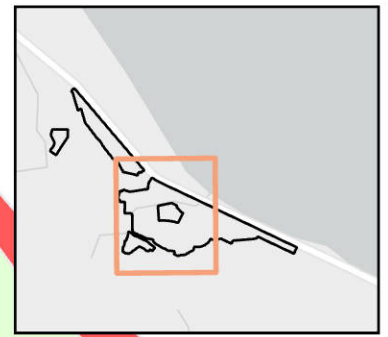
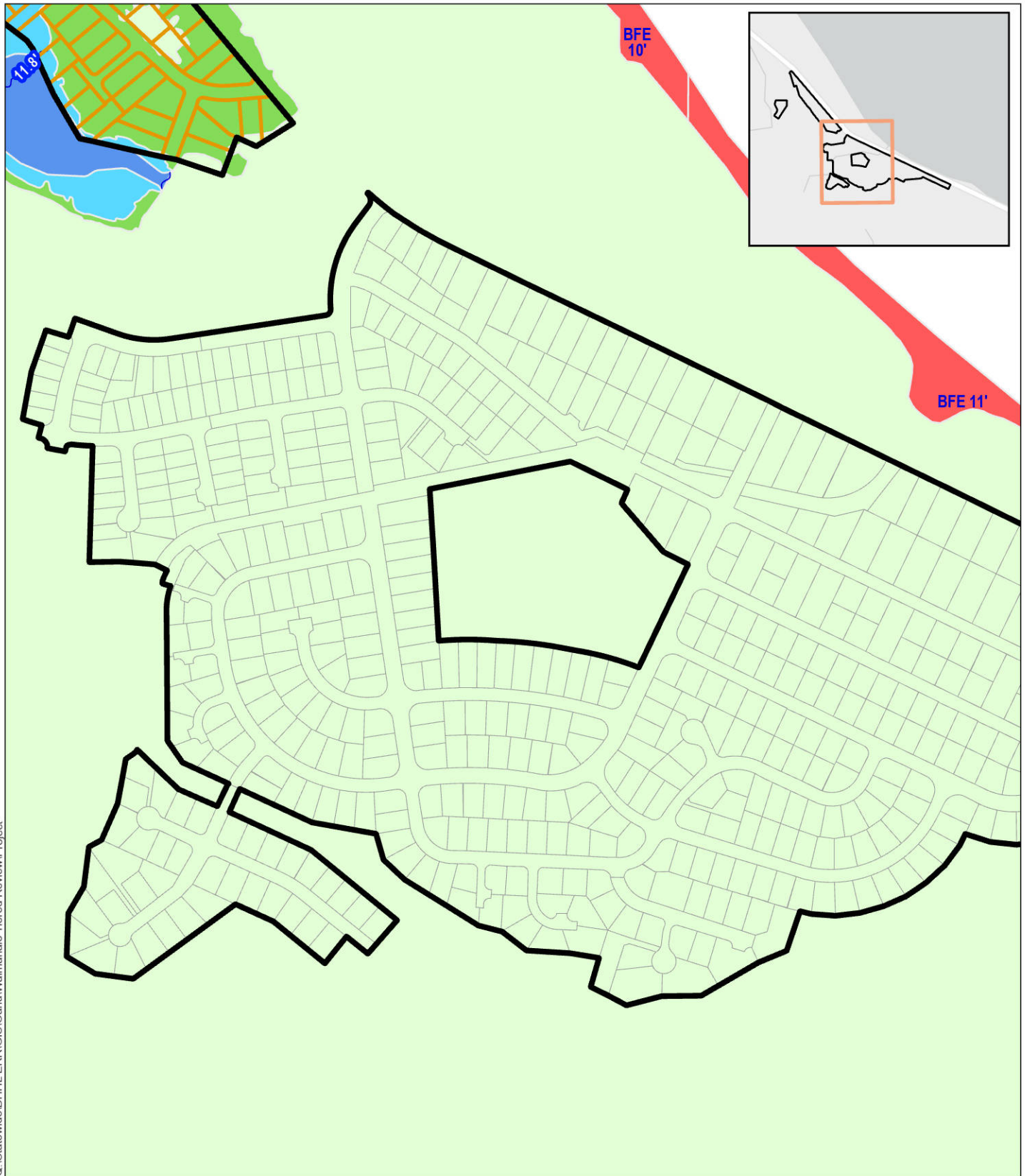
Island of O'ahu



Source: City & County of Honolulu, 2025. FEMA Flood Map Service Center, 2024. ESRI Online Basemap.

Disclaimer: This graphic has been prepared for general planning purposes only and should not be used for boundary interpretations or other spatial analysis.

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DATE: 9/25/2025

LEGEND

- Project Area
- Parcels in Special Flood Hazard Areas
- Preliminary Base Flood Elevation (BFE)

Preliminary Flood Zones

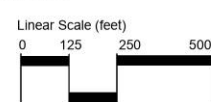
- AE: 1%-Annual-Chance Flood, with BFE
- VE: 1%-Annual-Chance Coastal Flood, with BFE
- AEF: Floodway Areas in AE
- XS: 0.2%-Annual-Chance Flood
- X: Outside 0.2%-Annual-Chance Floodplain

Preliminary Flood Insurance Rate Map B

Waimānalo Tiered Review

Department of Hawaiian Home Lands

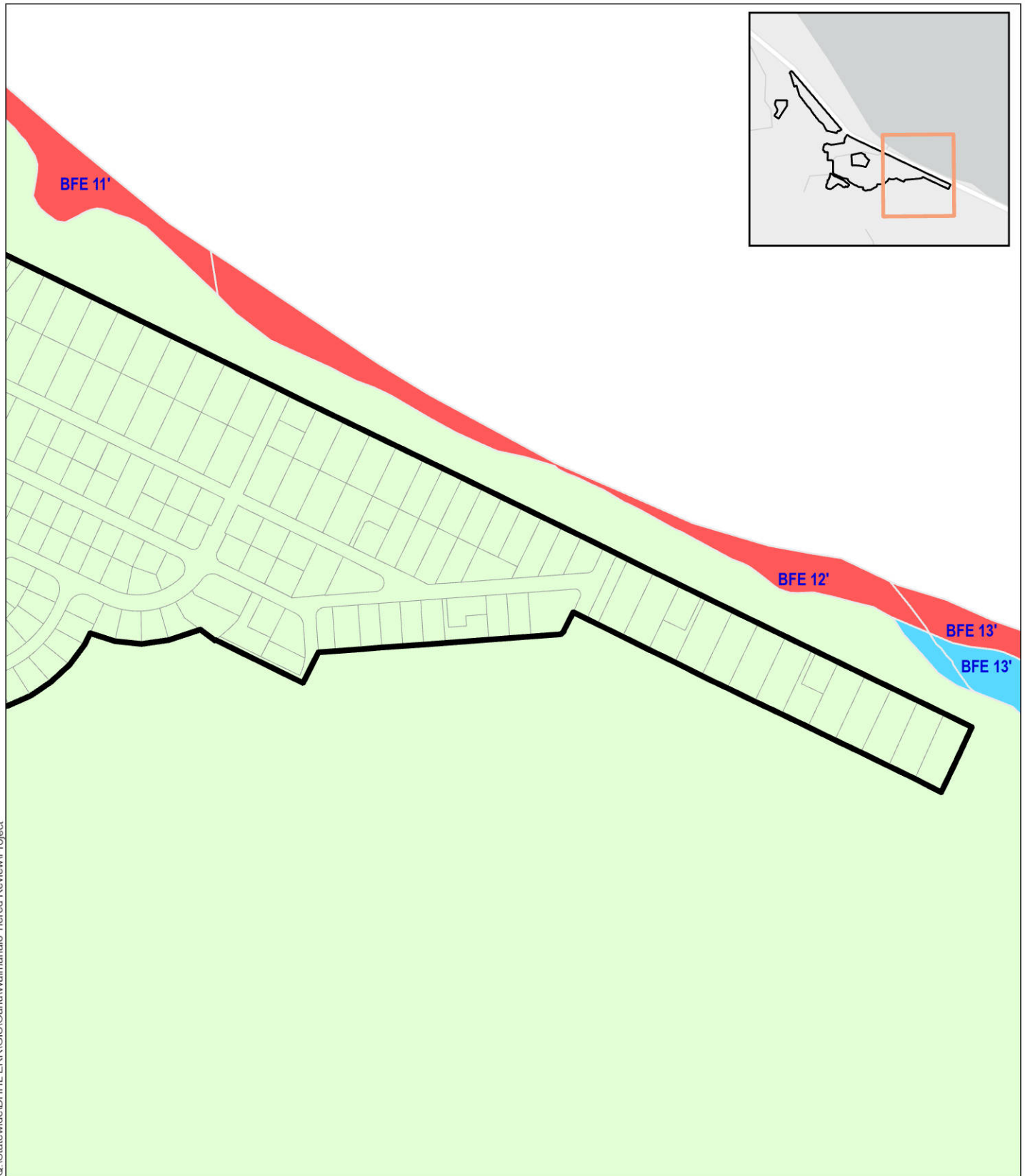
Island of O'ahu



Source: City & County of Honolulu, 2025. FEMA Flood Map Service Center, 2024. ESRI Online Basemap.

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DATE: 9/25/2025

LEGEND

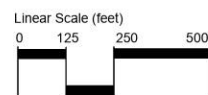
- Project Area
- Parcels in Special Flood Hazard Areas
- Preliminary Base Flood Elevation (BFE)
- Preliminary Flood Zones**
- AE: 1%-Annual-Chance Flood, with BFE
- VE: 1%-Annual-Chance Coastal Flood, with BFE
- X: Outside 0.2%-Annual-Chance Floodplain

Preliminary Flood Insurance Rate Map C

Waimānalo Tiered Review

Department of Hawaiian Home Lands

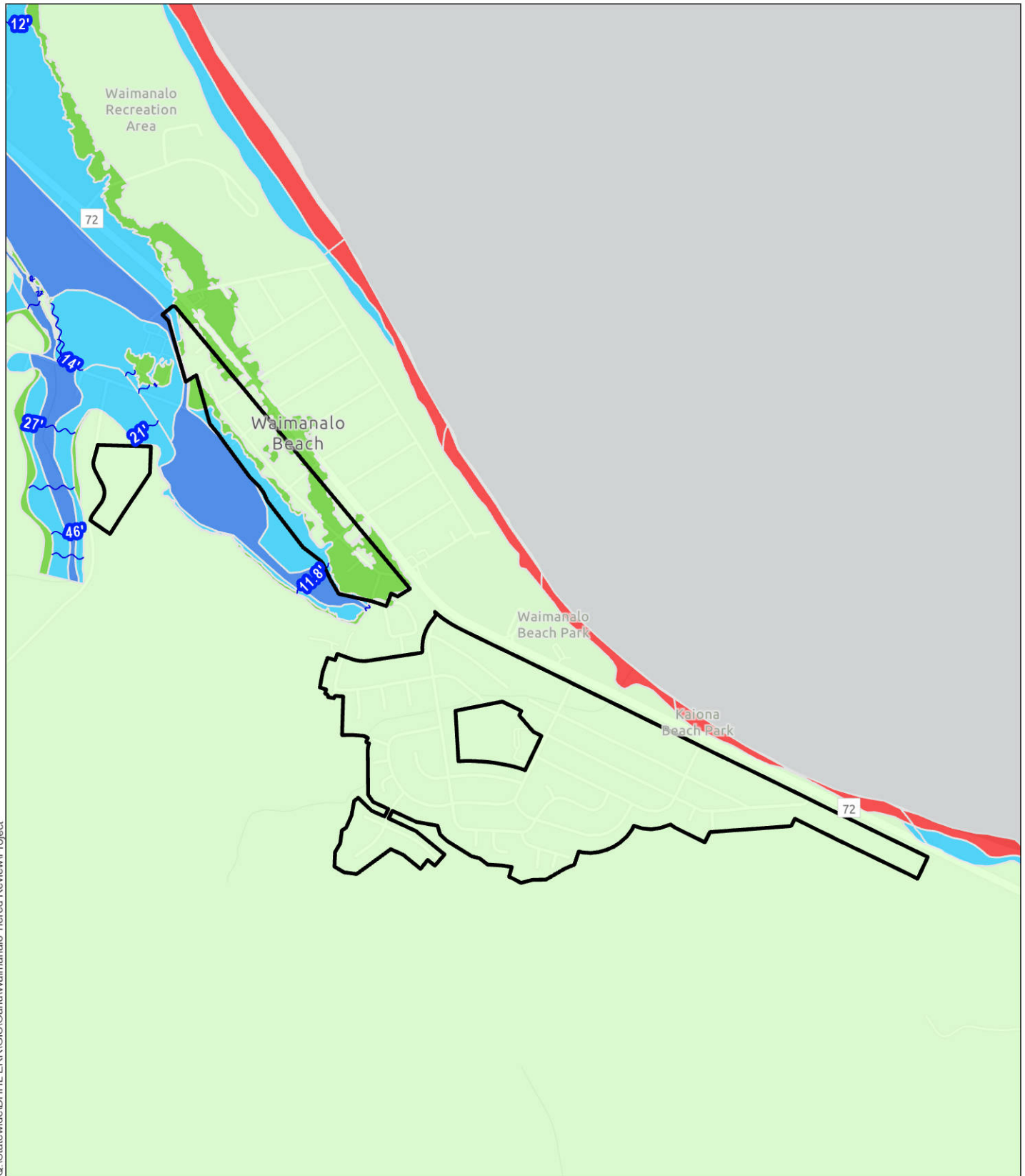
Island of O'ahu



Source: City & County of Honolulu, 2025. FEMA Flood Map Service Center, 2024. ESRI Online Basemap.

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DATE: 9/25/2025

LEGEND

- Project Area
- Preliminary Base Flood Elevation (BFE)

Preliminary Flood Zones

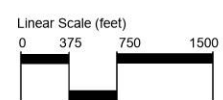
- AE: 1%-Annual-Chance Flood, with BFE
- VE: 1%-Annual-Chance Coastal Flood, with BFE
- AEF: Floodway Areas in AE
- XS: 0.2%-Annual-Chance Flood
- X: Outside 0.2%-Annual-Chance Floodplain

Preliminary FIRM

Waimānalo Tiered Review

Department of Hawaiian Home Lands

Island of O'ahu



Source: City & County of Honolulu, 2025. FEMA Flood Map Service Center, 2024. ESRI Online Basemap.

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DATE: 9/25/2025

LEGEND

- Project Area
- 100ft Wetlands Buffer
- TMKs Intersecting 100ft Wetlands Buffer

Wetlands

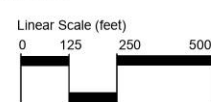
- Freshwater Forested/Shrub Wetland
- Freshwater Emergent Wetland
- Estuarine and Marine Wetland
- Riverine
- Estuarine and Marine Deepwater

100ft Wetlands Buffer Zone

Waimānalo Tiered Review

Department of Hawaiian Home Lands

Island of O'ahu



Source: USFWS National Wetland Inventory, 2024. City & County of Honolulu, 2019. Esri Basemap.

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