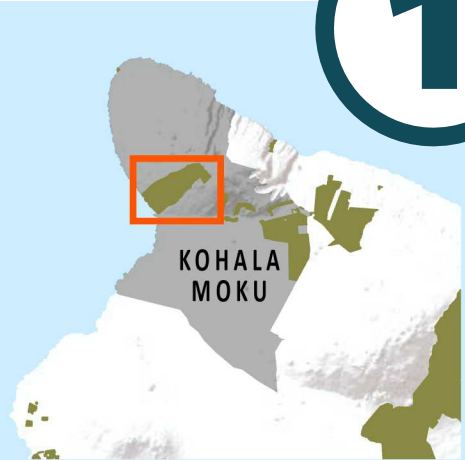


Site Assessment Highlights

- Long Term Leases
- Existing Roadways
- County Water Main
- Annual Rainfall > 60 Inches
- Flood Prone Areas
- Critical Habitats
- Streams
 - Perennial
 - Non-Perennial
- Slope Range
 - < 10% (Preferred)
 - 10 - 20% (Feasible)
 - > 20% (Too steep for some land uses)

Notes

- Slope less than 10% is preferred for Residential, Pastoral (grazing), Community Use, Commercial, and Industrial.
- Slope less than 15% is preferred for Subsistence, Supplemental and Community Agriculture.
- Slope up to 20% is feasible for all land uses above. Pastoral (ag uses) can go up to 30%.
- Slope greater than the above is too steep.
- Critical habitat for an endangered plant, blunt chaff flower (a many-branched shrub) is located along the streams.
- The residential and ag uses in mauka need infrastructure & water supply.



Island Plan Update

Land Use Designations

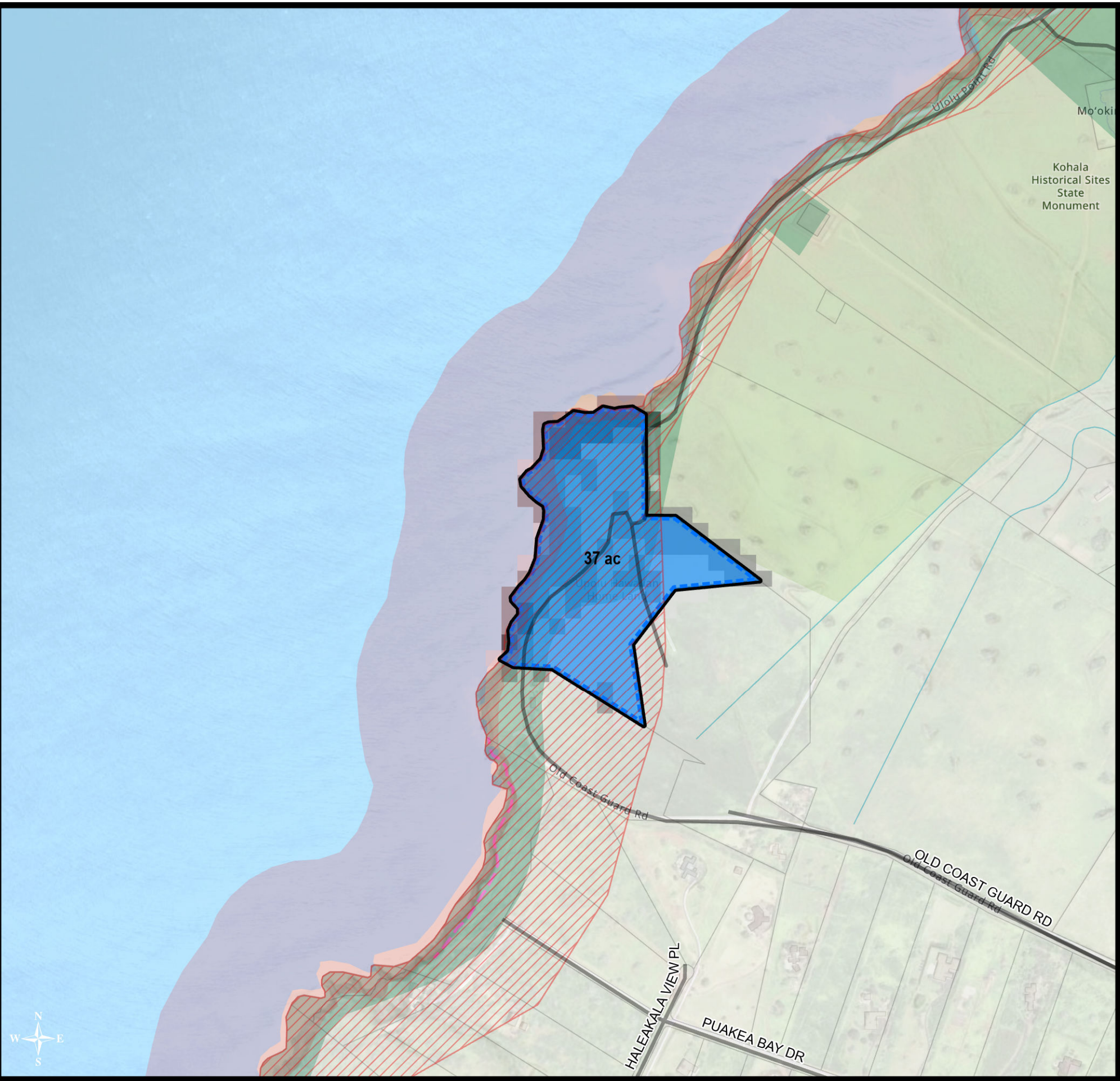
Homestead Uses

Residential	2,493.9
Subsistence Agriculture	273.4
Supplemental Agriculture	0.0
Pastoral	1,609.0
DHHL Kuleana	0.0

Non-Homestead Uses

Community Use	14.4
Community Agriculture	0.0
Commercial	106.0
Industrial	248.8
Renewable Energy	0.0
Stewardship	4,817.5
Conservation	536.9
Special District	91.9

Approximate Total Acres
± 10,191.8



Site Assessment Highlights

- Existing Roadways
- Tsunami Evacuation Zone
- Flood Prone Areas
- Slope Range
 - < 10% (Preferred)
 - 10 - 20% (Feasible)
 - > 20% (Too steep for some land uses)

Notes

- Slope less than 10% is preferred for Residential, Pastoral (grazing), Community Use, Commercial, and Industrial.
- Slope less than 15% is preferred for Subsistence, Supplemental and Community Agricultures.
- Slope up to 20% is feasible for all land uses above. Pastoral (ag uses) can go up to 30%.
- Slope greater than the above is too steep.
- The site is partially in flood prone area and mostly in tsunami evacuation area.



Island Plan Update

Land Use Designations

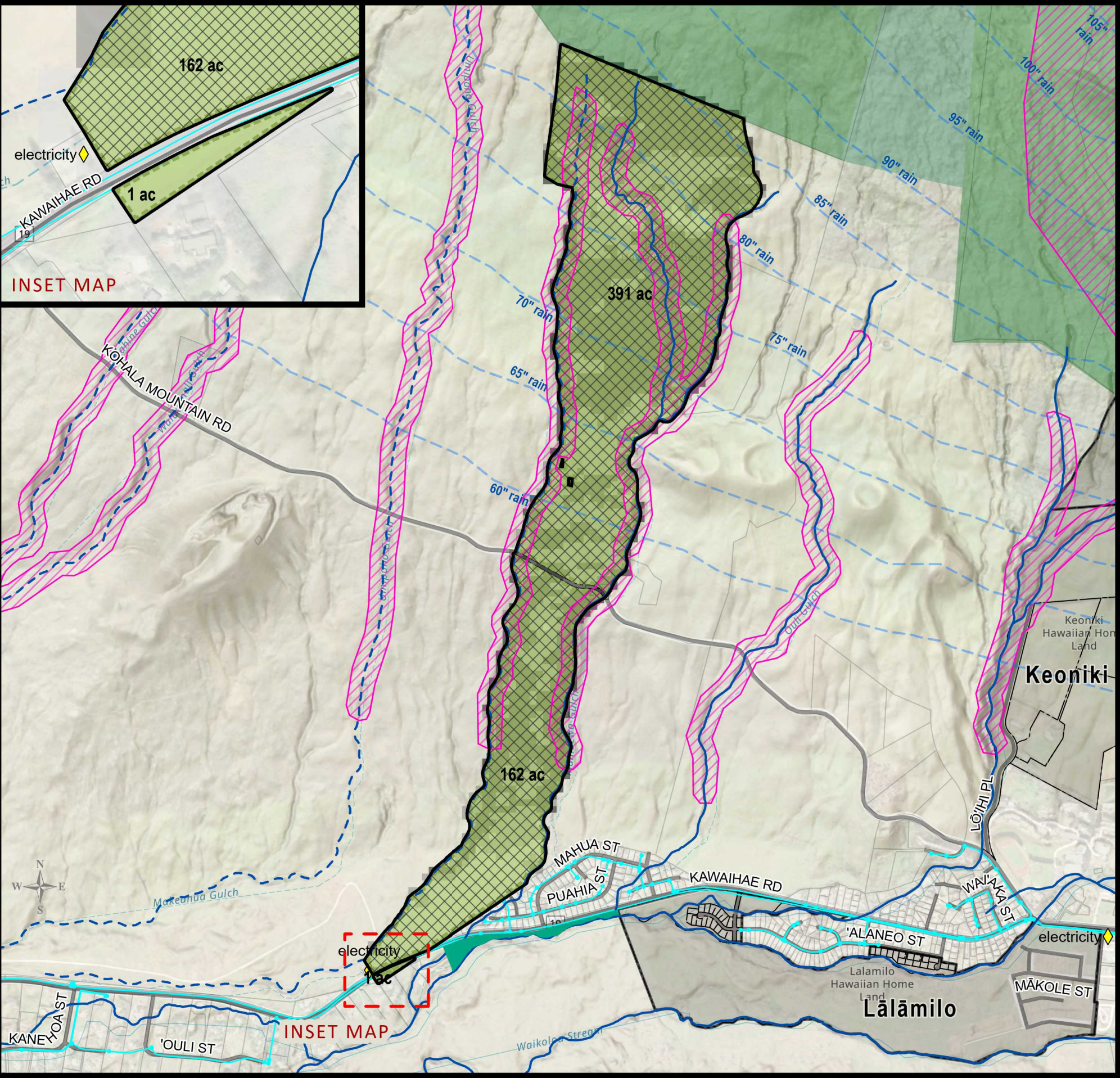
Homestead Uses

Residential	0.0
Subsistence Agriculture	0.0
Supplemental Agriculture	0.0
Pastoral	0.0
DHHL Kuleana	0.0

Non-Homestead Uses

Community Use	37.4
Community Agriculture	0.0
Commercial	0.0
Industrial	0.0
Renewable Energy	0.0
Stewardship	0.0
Conservation	0.0
Special District	0.0

Approximate Total Acres
± 37.4



Site Assessment Highlights

- Long Term Leases
- Existing Roadways
- County Water Main
- Annual Rainfall > 60 Inches
- Critical Habitats
- State & County Conservation
- Streams
 - Perennial
 - Non-Perennial
- Slope Range
 - < 10% (Preferred)
 - 10 - 20% (Feasible)
 - > 20% (Too steep for some land uses)

Notes

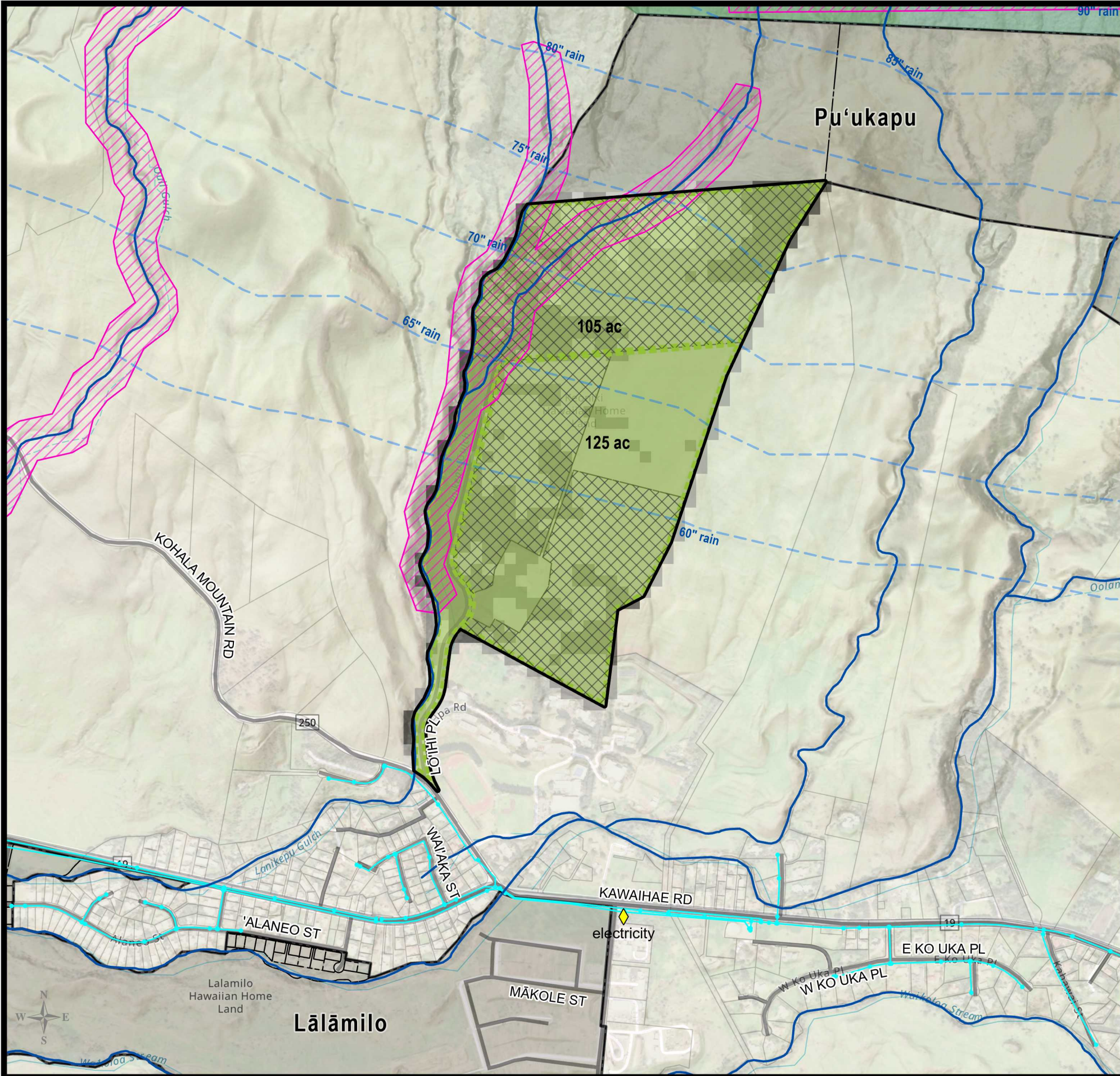
- Slope less than 10% is preferred for Residential, Pastoral (grazing), Community Use, Commercial, and Industrial.
- Slope less than 15% is preferred for Subsistence, Supplemental and Community Agriculture.
- Slope up to 20% is feasible for all land uses above. Pastoral (ag uses) can go up to 30%.
- Slope greater than the above is too steep.
- Critical habitat for an endangered plant, blunt chaff flower (a many-branched shrub) is located along the stream.
- The mauka portion receives 60 inches or more of rain annually. Catchment may be possible.



Island Plan Update

Homestead Uses		
Residential	0.0	
Subsistence Agriculture	0.0	
Supplemental Agriculture	0.0	
Pastoral	553.7	
DHHL Kuleana	0.0	
Non-Homestead Uses		
Community Use	0.0	
Community Agriculture	0.0	
Commercial	0.0	
Industrial	0.0	
Renewable Energy	0.0	
Stewardship	0.0	
Conservation	0.0	
Special District	0.0	

Approximate Total Acres
± 553.7



Site Assessment Highlights

- Long Term Leases
- Existing Roadways
- County Water Main
- Annual Rainfall > 60 Inches
- Critical Habitats
- Streams
 - Perennial
 - Non-Perennial
- Slope Range
 - < 10% (Preferred)
 - 10 - 20% (Feasible)
 - > 20% (Too steep for some land uses)

Notes

- Slope less than 10% is preferred for Residential, Pastoral (grazing), Community Use, Commercial, and Industrial.
- Slope less than 15% is preferred for Subsistence, Supplemental and Community Agriculture.
- Slope up to 20% is feasible for all land uses above. Pastoral (ag uses) can go up to 30%.
- Slope greater than the above is too steep.
- Critical habitat for an endangered plant, blunt chaff flower (a many-branched shrub) is located along the stream.
- The mauka portion receives 60 inches or more of rain annually. Catchment may be possible.



Island Plan Update

Land Use Designations

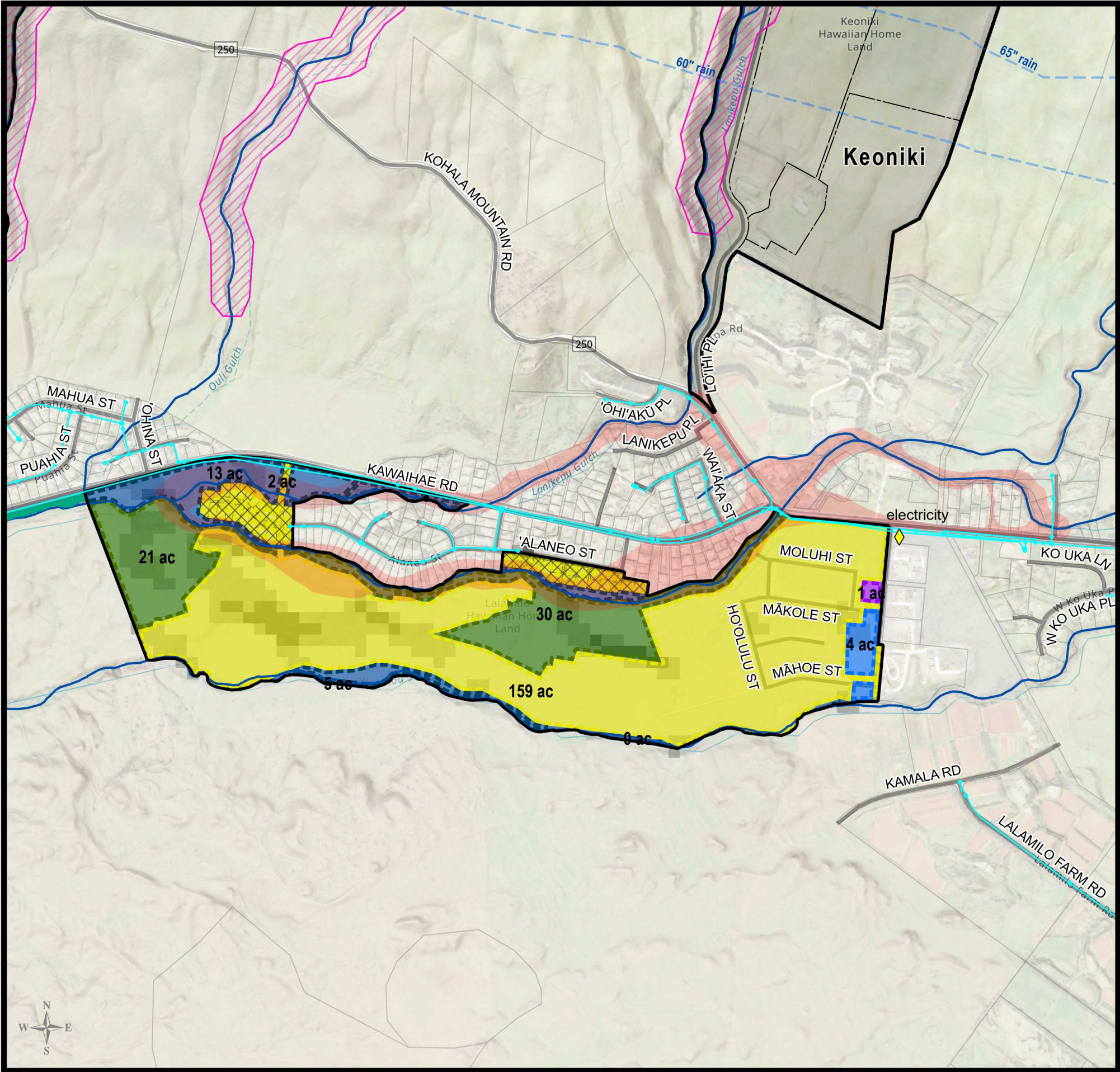
Homestead Uses

Residential	0.0
Subsistence Agriculture	0.0
Supplemental Agriculture	0.0
Pastoral	230.2
DHHL Kuleana	0.0

Non-Homestead Uses

Community Use	0.0
Community Agriculture	0.0
Commercial	0.0
Industrial	0.0
Renewable Energy	0.0
Stewardship	0.0
Conservation	0.0
Special District	0.0

Approximate Total Acres
± 230.2

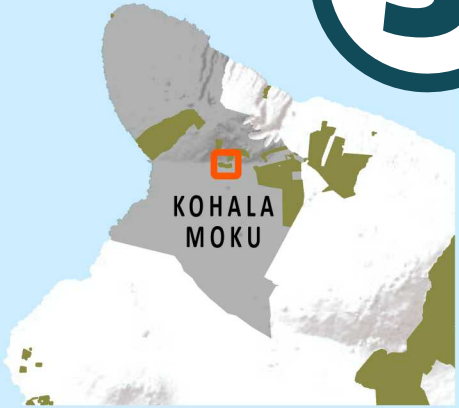


Site Assessment Highlights

- Long Term Leases
- Existing Roadways
- County Water Main
- Annual Rainfall > 60 Inches
- Flood Prone Areas
- Critical Habitats
- Streams
 - Perennial
 - Non-Perennial
- Slope Range
 - < 10% (Preferred)
 - 10 - 20% (Feasible)
 - > 20% (Too steep for some land uses)

Notes

- Lālāmilo tract has a plan for development and is under construction by phase.
- The land along the stream is prone to flooding when it rains. FEMA designates the land in Flood Zone A. A refers to low-lying areas close to streams, lakes, and other large bodies of water. Homeowners of properties in Flood Zone A with mortgages from federally regulated lenders are required to purchase flood insurance.



Island Plan Update

Land Use Designations

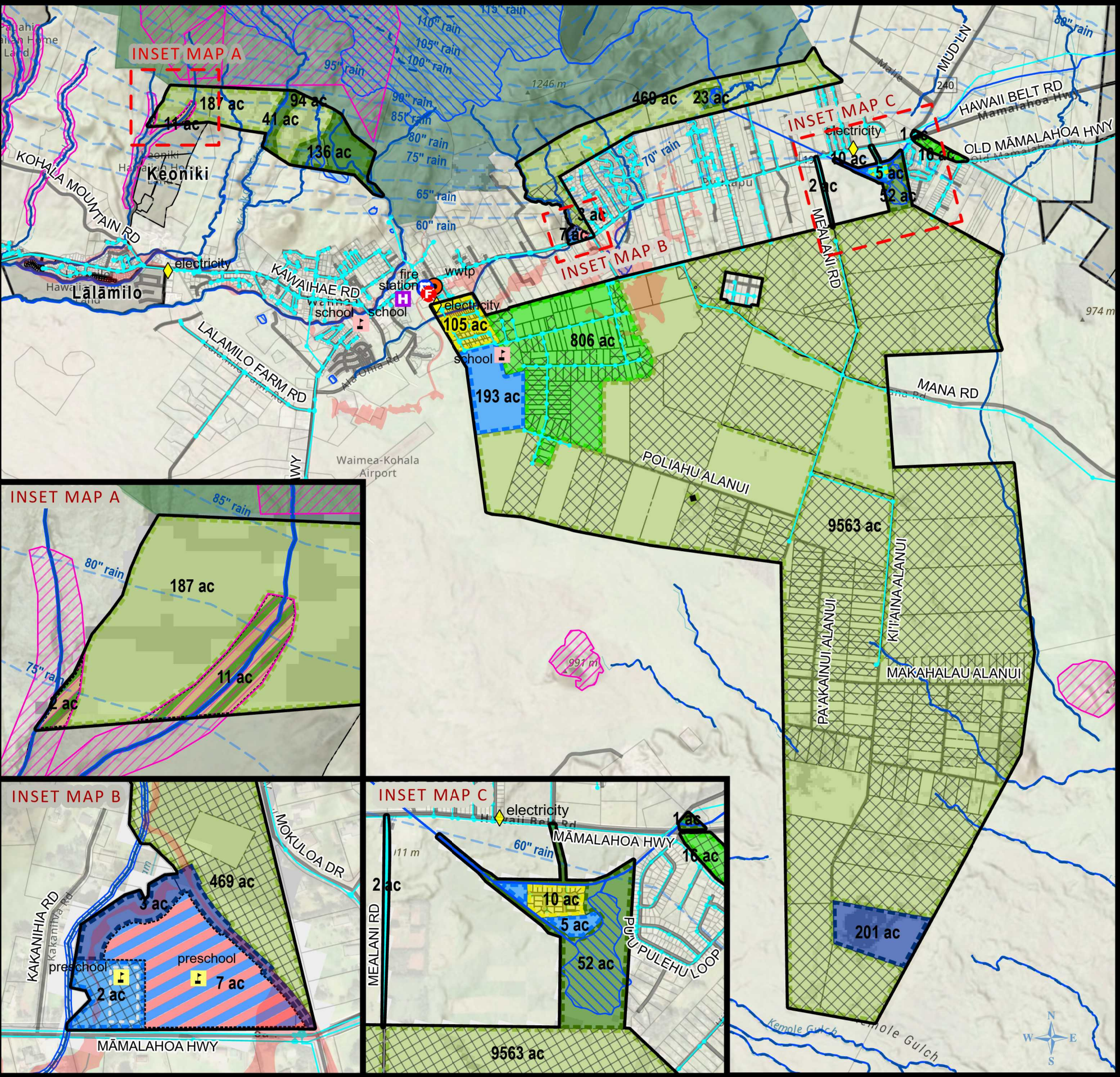
Homestead Uses

Residential	171.0
Subsistence Agriculture	0.0
Supplemental Agriculture	0.0
Pastoral	0.0
DHHL Kuleana	0.0

Non-Homestead Uses

Community Use	4.5
Community Agriculture	0.0
Commercial	0.0
Industrial	0.9
Renewable Energy	0.0
Stewardship	0.0
Conservation	51.0
Special District	26.1

Approximate Total Acres
± 253.5

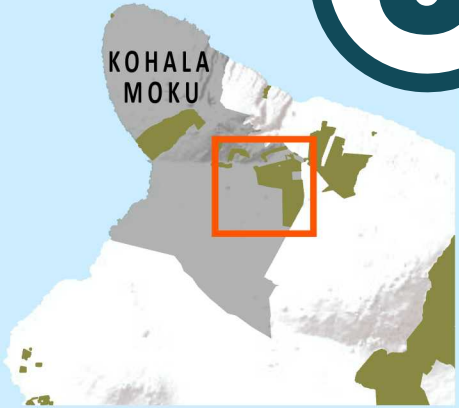


Site Assessment Highlights

- Long Term Leases
- Existing Roadways
- County Water Main
- Annual Rainfall > 60 Inches
- Flood Prone Areas
- Wetlands
- Critical Habitats
- Streams
 - Perennial
 - Non-Perennial
- Slope Range
 - < 10% (Preferred)
 - 10 - 20% (Feasible)
 - > 20% (Too steep for some land uses)

Notes

- Slope less than 10% is preferred for Residential, Pastoral (grazing), Community Use, Commercial, and Industrial.
- Slope less than 15% is preferred for Subsistence, Supplemental and Community Agriculture.
- Slope up to 20% is feasible for all land uses above. Pastoral (ag uses) can go up to 30%.
- Slope greater than the above is too steep.
- Critical habitat for an endangered plant, blunt chaff flower (a many-branched shrub) is located along the stream in Inset Map A.
- The existing water tanks and reservoirs are classified as wetlands and designated as Conservation.
- The recent aerial photo showed existing school uses in Inset Map B.
- The 2-ac strip in Inset Map C appears to be a road. The land use needs to be determined or removed from the study area.



Island Plan Update

Land Use Designations

Homestead Uses

Residential	114.4
Subsistence Agriculture	0.0
Supplemental Agriculture	822.9
Pastoral	10,312.1
DHHL Kuleana	0.0

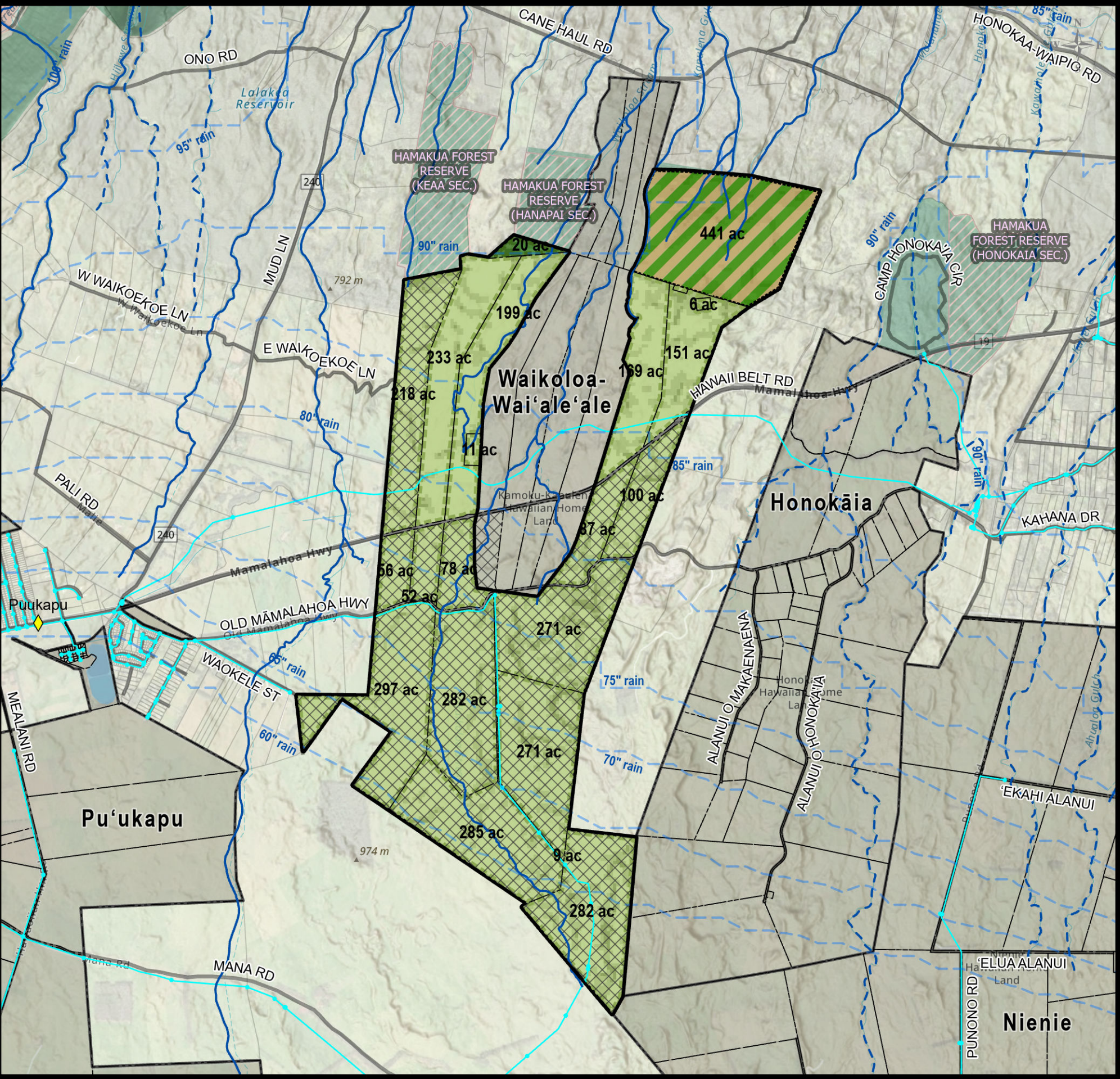
Non-Homestead Uses

Community Use	201.5
Community Agriculture	0.0
Commercial	0.0
Industrial	0.0
Renewable Energy	0.0
Stewardship	0.0
Conservation	252.5
Special District	203.3

Land Use Options

Community Use/Commercial	6.6
Conservation/Stewardship	12.8
To Be Determined	2.0

Approximate Total Acres
± 11,928.1

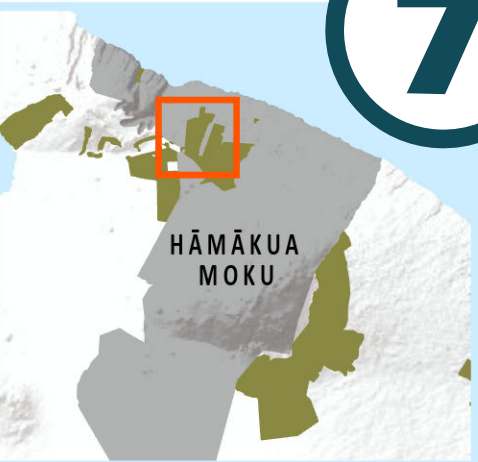


Site Assessment Highlights

- Long Term Leases
- Existing Roadways
- County Water Main
- Annual Rainfall > 60 Inches
- State & County Conservation
- Streams
 - Perennial
 - Non-Perennial
- Slope Range
 - < 10% (Preferred)
 - 10 - 20% (Feasible)
 - > 20% (Too steep for some land uses)

Notes

- The 441-ac and 20-ac lands to the north are within the State's conservation lands.
- The site receives 60 inches or more of rain annually. Catchment may be possible.
- Slope less than 10% is preferred for Residential, Pastoral (grazing), Community Use, Commercial, and Industrial.
- Slope less than 15% is preferred for Subsistence, Supplemental and Community Agriculture.
- Slope up to 20% is feasible for all land uses above. Pastoral (ag uses) can go up to 30%.
- Slope greater than the above is too steep.
- The availability and supply of the county water are uncertain.



Island Plan Update

Land Use Designations

Homestead Uses

Residential	0.0
Subsistence Agriculture	0.0
Supplemental Agriculture	0.0
Pastoral	3,058.5
DHHL Kuleana	0.0

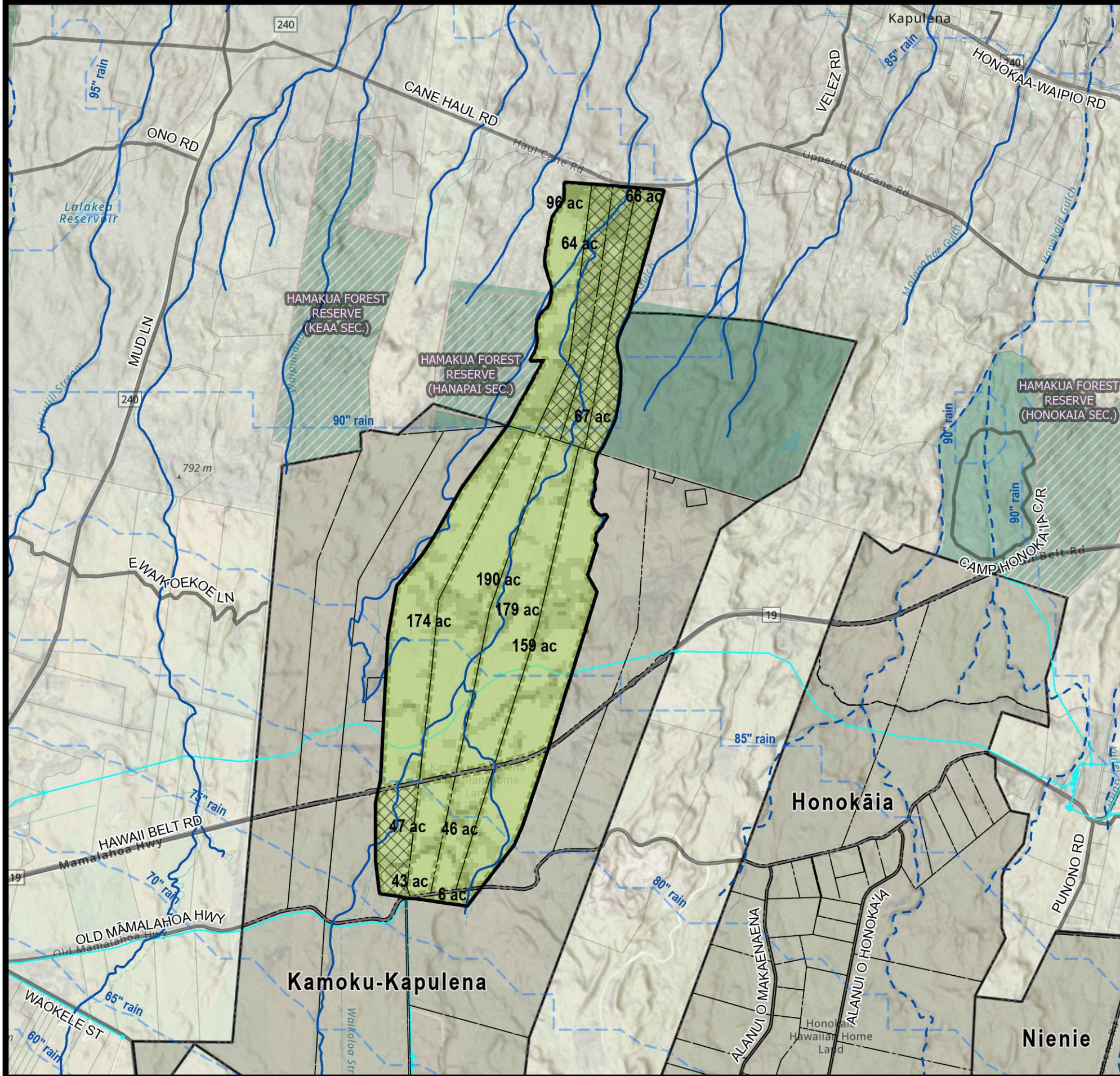
Non-Homestead Uses

Community Use	0.0
Community Agriculture	0.0
Commercial	0.0
Industrial	0.0
Renewable Energy	0.0
Stewardship	0.0
Conservation	19.7
Special District	0.0

Land Use Options

Conservation/Stewardship	440.8
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Approximate Total Acres
± 3,519.0

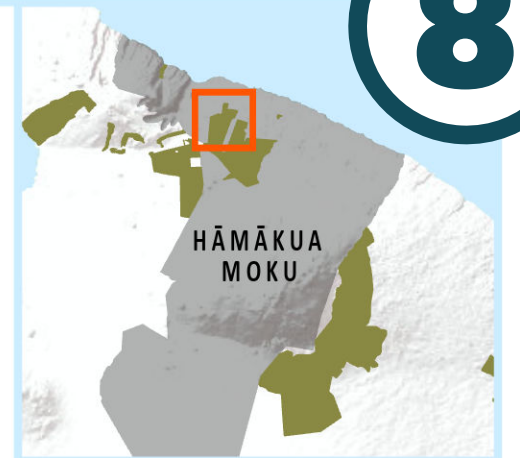


Site Assessment Highlights

- Existing Roadways
- Annual Rainfall > 60 Inches
- State & County Conservation
- Streams
- Perennial
- Non-Perennial
- Slope Range
- < 10% (Preferred)
- 10 - 20% (Feasible)
- > 20% (Too steep for some land uses)

Notes






- The site is adjacent and outside the State's conservation lands.
- The soil rating at the site is low for ag uses.
- There are several existing pastoral lots.
- The site receives 80 inches or more of rain annually. Catchment may be possible.
- Slope less than 10% is preferred for Residential, Pastoral (grazing), Community Use, Commercial, and Industrial.
- Slope less than 15% is preferred for Subsistence, Supplemental and Community Agriculture.
- Slope up to 20% is feasible for all land uses above. Pastoral (ag uses) can go up to 30%.
- Slope greater than the above is too steep.
- The availability and supply of the county water are uncertain.











Island Plan Update

Land Use Designations

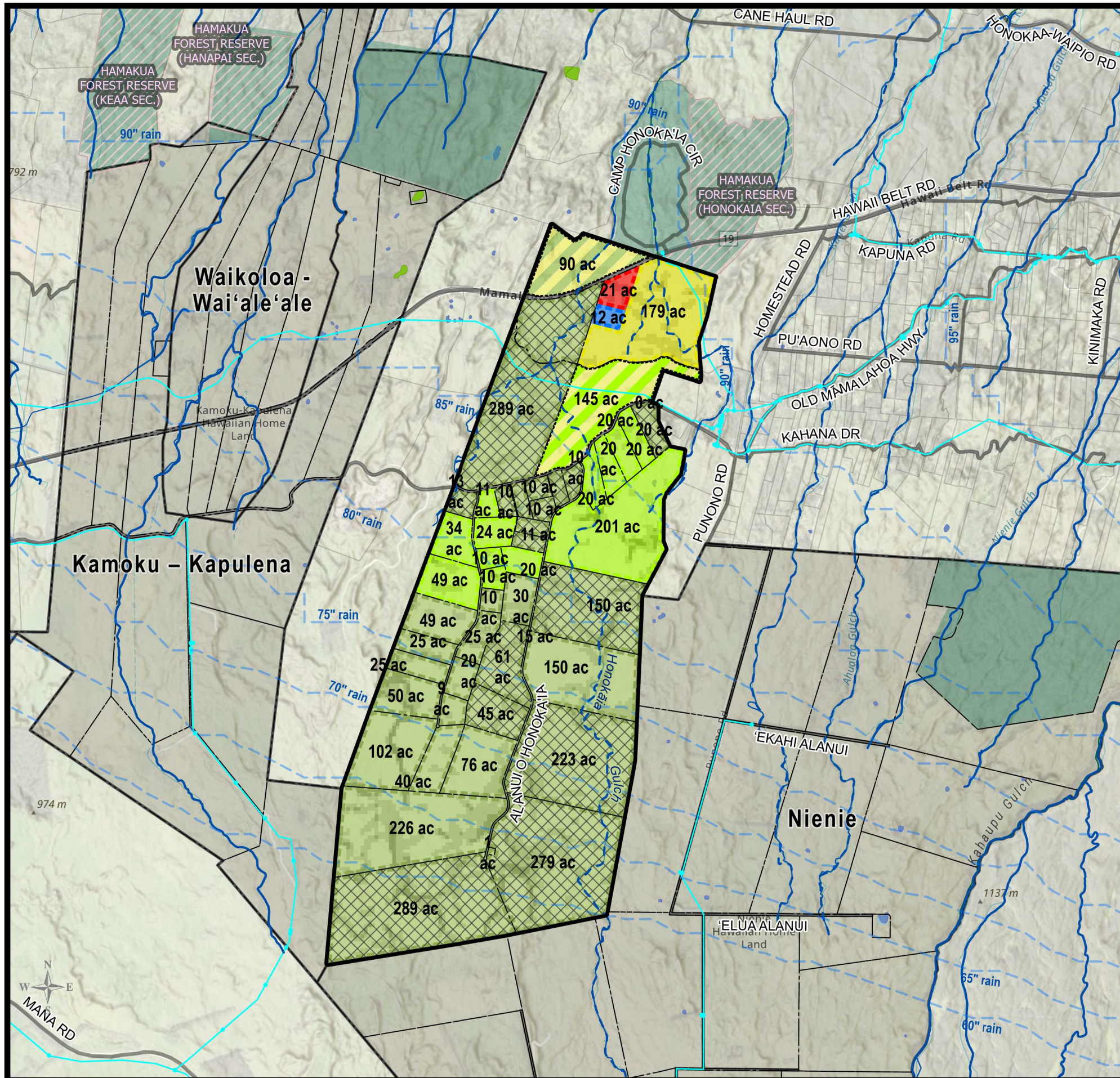
Homestead Uses

Residential		0.0
Subsistence Agriculture		0.0
Supplemental Agriculture		0.0
Pastoral		1206.0
DHHL Kuleana		0.0

Non-Homestead Uses

Community Use		0.0
Community Agriculture		0.0
Commercial		0.0
Industrial		0.0
Renewable Energy		0.0
Stewardship		0.0
Conservation		0.0
Special District		0.0

Approximate Total Acres
± 1,206.0

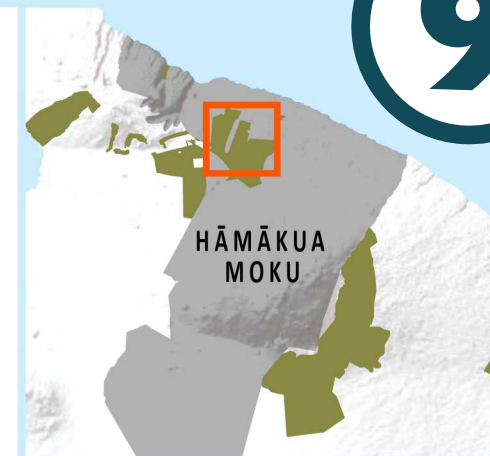


Site Assessment Highlights

- Existing Roadways
- County Water Main
- Annual Rainfall > 60 Inches
- State & County Conservation
- Streams
 - Perennial
 - Non-Perennial
- Slope Range
 - < 10% (Preferred)
 - 10 - 20% (Feasible)
 - > 20% (Too steep for some land uses)

Notes

- The site is adjacent to and outside the State's conservation lands.
- The site receives 60 inches or more of rain annually. Catchment may be possible.
- Slope less than 10% is preferred for Residential, Pastoral (grazing), Community Use, Commercial, and Industrial.
- Slope less than 15% is preferred for Subsistence, Supplemental and Community Agriculture.
- Slope up to 20% is feasible for all land uses above. Pastoral (ag uses) can go up to 30%.
- Slope greater than the above is too steep.
- The availability and supply of the county water are uncertain.
- The proposed Residential use depends on water availability.



Island Plan Update

Land Use Designations

Homestead Uses

Residential	179.1
Subsistence Agriculture	441.1
Supplemental Agriculture	0.0
Pastoral	2,319.5
DHHL Kuleana	0.0

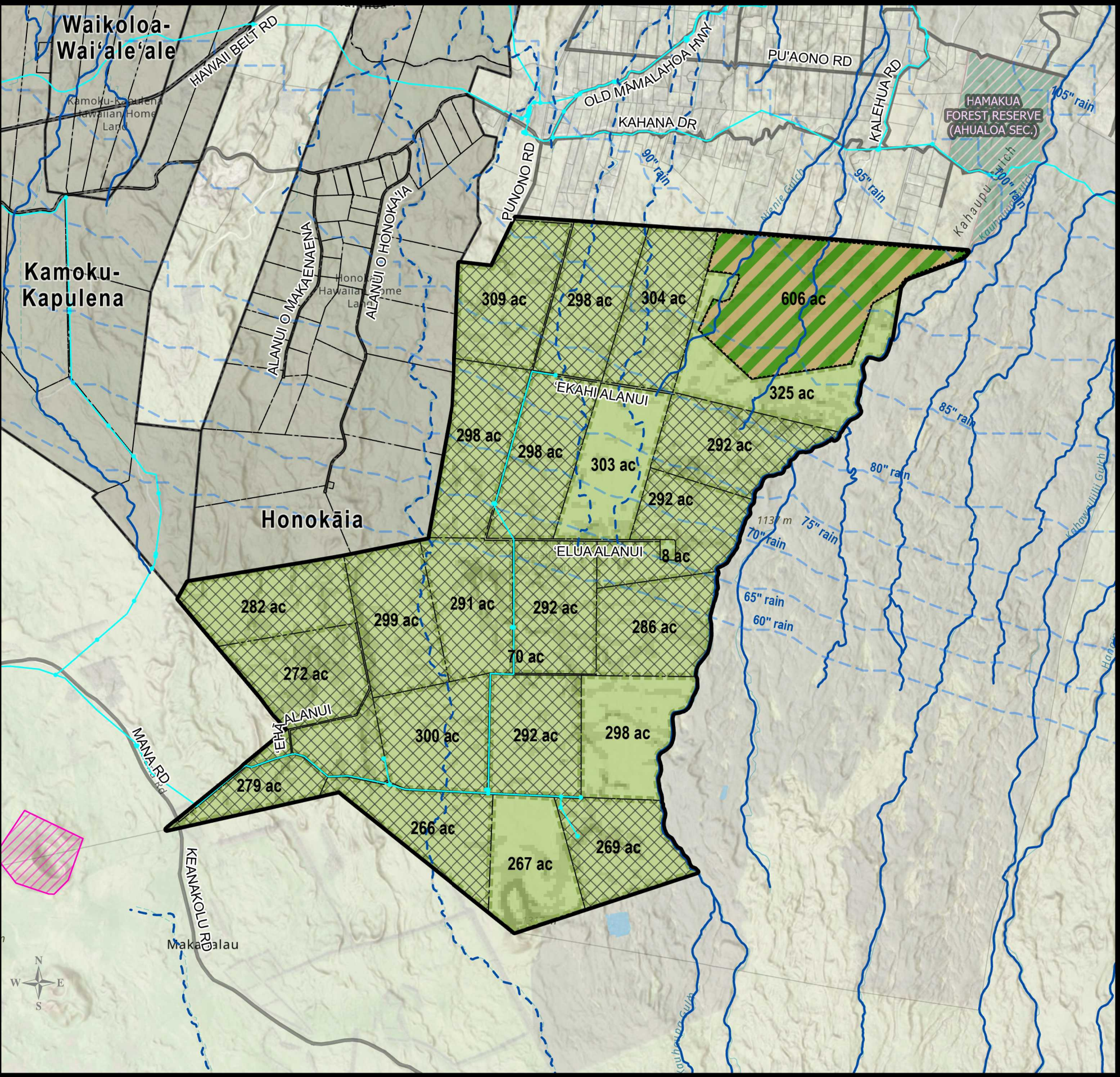
Non-Homestead Uses

Community Use	12.4
Community Agriculture	0.0
Commercial	21.2
Industrial	0.0
Renewable Energy	0.0
Stewardship	0.0
Conservation	0.0
Special District	0.0

Land Use Options

Residential/ Subsistence Agriculture	144.8
Pastoral/Residential	90.3

Approximate Total Acres
± 3,208.4

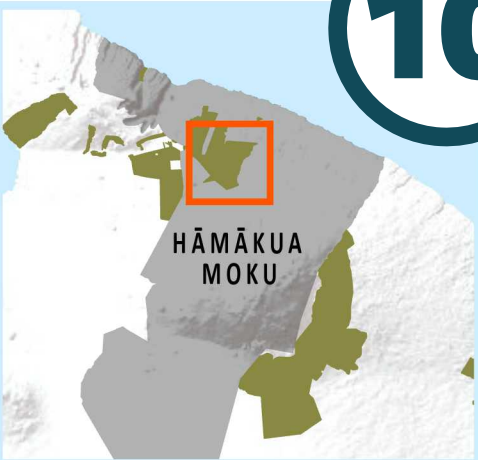


Site Assessment Highlights

- Long Term Leases
- Existing Roadways
- County Water Main
- Annual Rainfall > 60 Inches
- State & County Conservation
- Streams
 - Perennial
 - Non-Perennial
- Slope Range
 - < 10% (Preferred)
 - 10 - 20% (Feasible)
 - > 20% (Too steep for some land uses)

Notes

- The northern half of the site receives 60 inches or more of rain annually. Catchment may be possible.
- The 606-ac parcel at the northeastern corner of the site is within the State's conservation lands.
- Within the conservation area, there are opportunities for revenue generation through forestry.
- Slope less than 10% is preferred for Residential, Pastoral (grazing), Community Use, Commercial, and Industrial.
- Slope less than 15% is preferred for Subsistence, Supplemental and Community Agriculture.
- Slope up to 20% is feasible for all land uses above. Pastoral (ag uses) can go up to 30%.
- Slope greater than the above is too steep.
- The availability and supply of the county water are uncertain.



Island Plan Update

Land Use Designations

Homestead Uses		
Residential	0.0	
Subsistence Agriculture	0.0	
Supplemental Agriculture	0.0	
Pastoral	6,489.4	
DHHL Kuleana	0.0	

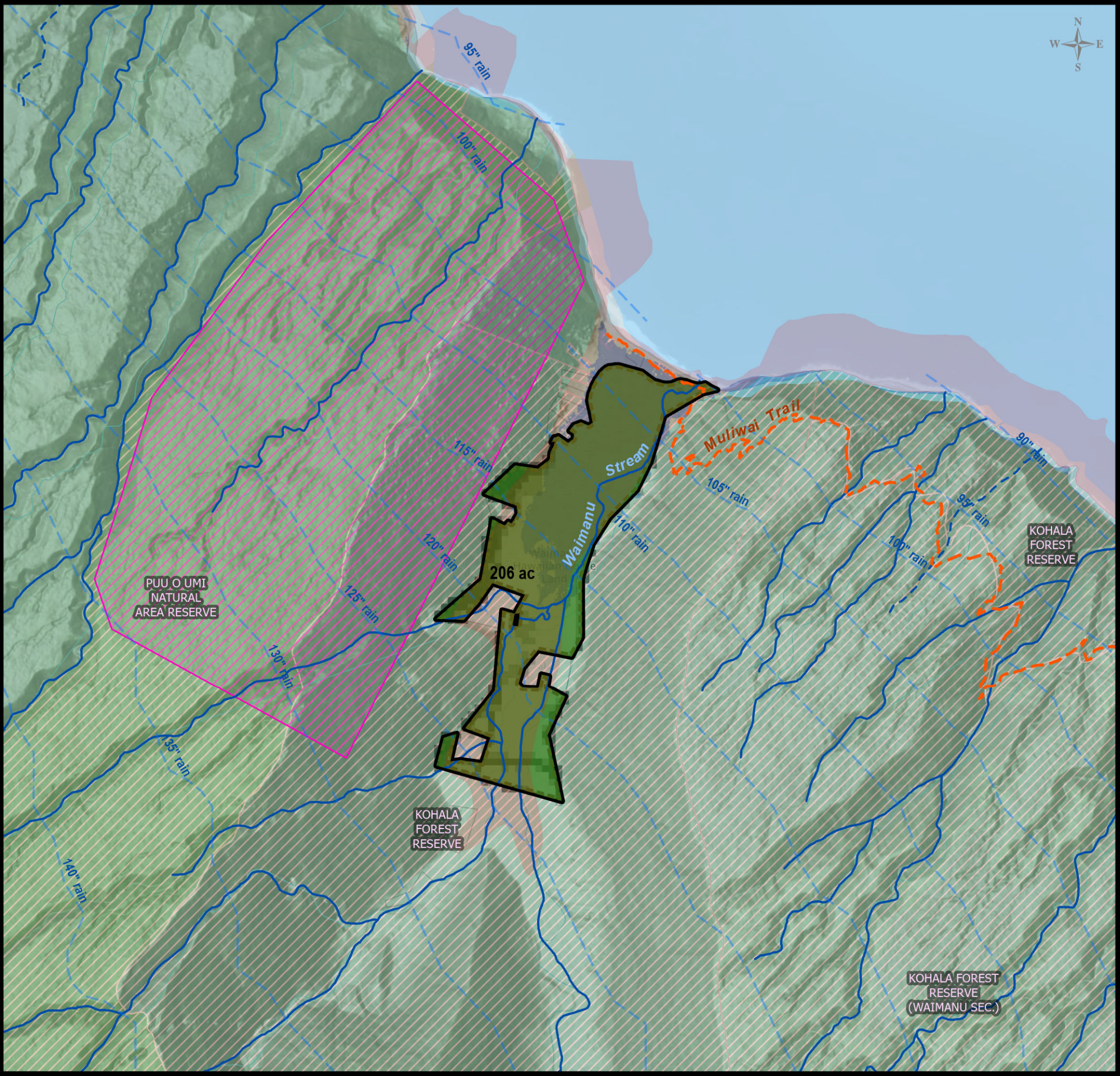
Non-Homestead Uses

Community Use	0.0	
Community Agriculture	0.0	
Commercial	0.0	
Industrial	0.0	
Renewable Energy	0.0	
Stewardship	0.0	
Conservation	0.0	
Special District	0.0	

Land Use Options

Conservation/Stewardship	606.4	
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Approximate Total Acres
± 7,095.8



Site Assessment Highlights

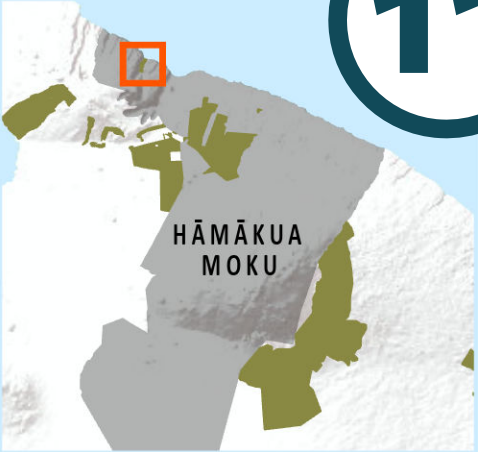
- Nā Ala Hele Trails & Access
- Annual Rainfall > 60 Inches
- Critical Habitats
- State Reserves
- Flood Prone Areas
- Sea Level Rise Exposure Areas
- State & County Conservation

- Streams
- Perennial
 - Non-Perennial

- Slope Range
- < 10% (Preferred)
 - 10 - 20% (Feasible)
 - > 20% (Too steep for some land uses)

Notes

- The site is located within the State's conservation lands, surrounded by Kohala Forest Reserve, and impacted by flooding and sea level rise.
- Muliwai Trail passes through the northern tip of the site. Nā Ala Hele is the name of the State of Hawai‘i's trail and access program. The program manages and maintains important public trails and access.
- Waterfalls can be seen at the site.



Island Plan Update

Land Use Designations

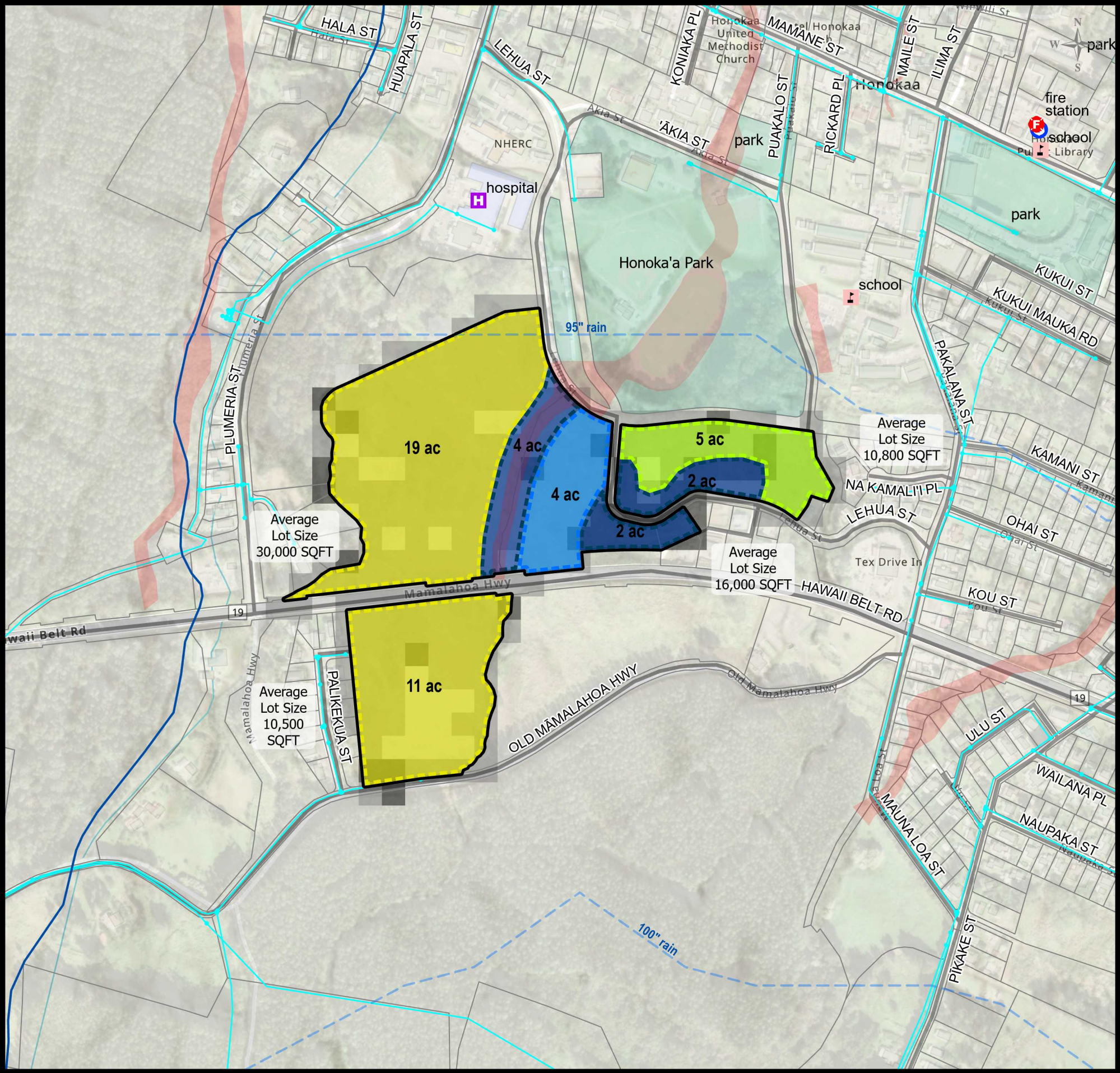
Homestead Uses

Residential	0.0
Subsistence Agriculture	0.0
Supplemental Agriculture	0.0
Pastoral	0.0
DHHL Kuleana	0.0

Non-Homestead Uses

Community Use	0.0
Community Agriculture	0.0
Commercial	0.0
Industrial	0.0
Renewable Energy	0.0
Stewardship	0.0
Conservation	200.0
Special District	0.0

Approximate Total Acres
± 200.0



Site Assessment Highlights

- Existing Roadways
- County Water Main
- Annual Rainfall > 60 Inches
- Flood Prone Areas
- State & County Conservation
- Streams
 - Perennial
 - Non-Perennial
- Slope Range
 - < 10% (Preferred)
 - 10 - 20% (Feasible)
 - > 20% (Too steep for some land uses)

Notes

- The site is south of Honoka'a Park.
- The site receives 60 inches or more of rain annually. Catchment may be possible.
- The soil rating for the most part of the site is good for ag uses.
- The two 2-ac Special District lands along Lehua Street are steep slopes greater than 20%.
- The 4-ac Special District land serves as a buffer for the flood-prone area in the center.
- Slope less than 10% is preferred for Residential, Pastoral (grazing), Community Use, Commercial, and Industrial.
- Slope less than 15% is preferred for Subsistence, Supplemental and Community Agriculture.
- Slope up to 20% is feasible for all land uses above. Pastoral (ag uses) can go up to 30%.
- Slope greater than the above is too steep.
- The capacity and availability of the county water are uncertain.



Island Plan Update

Land Use Designations

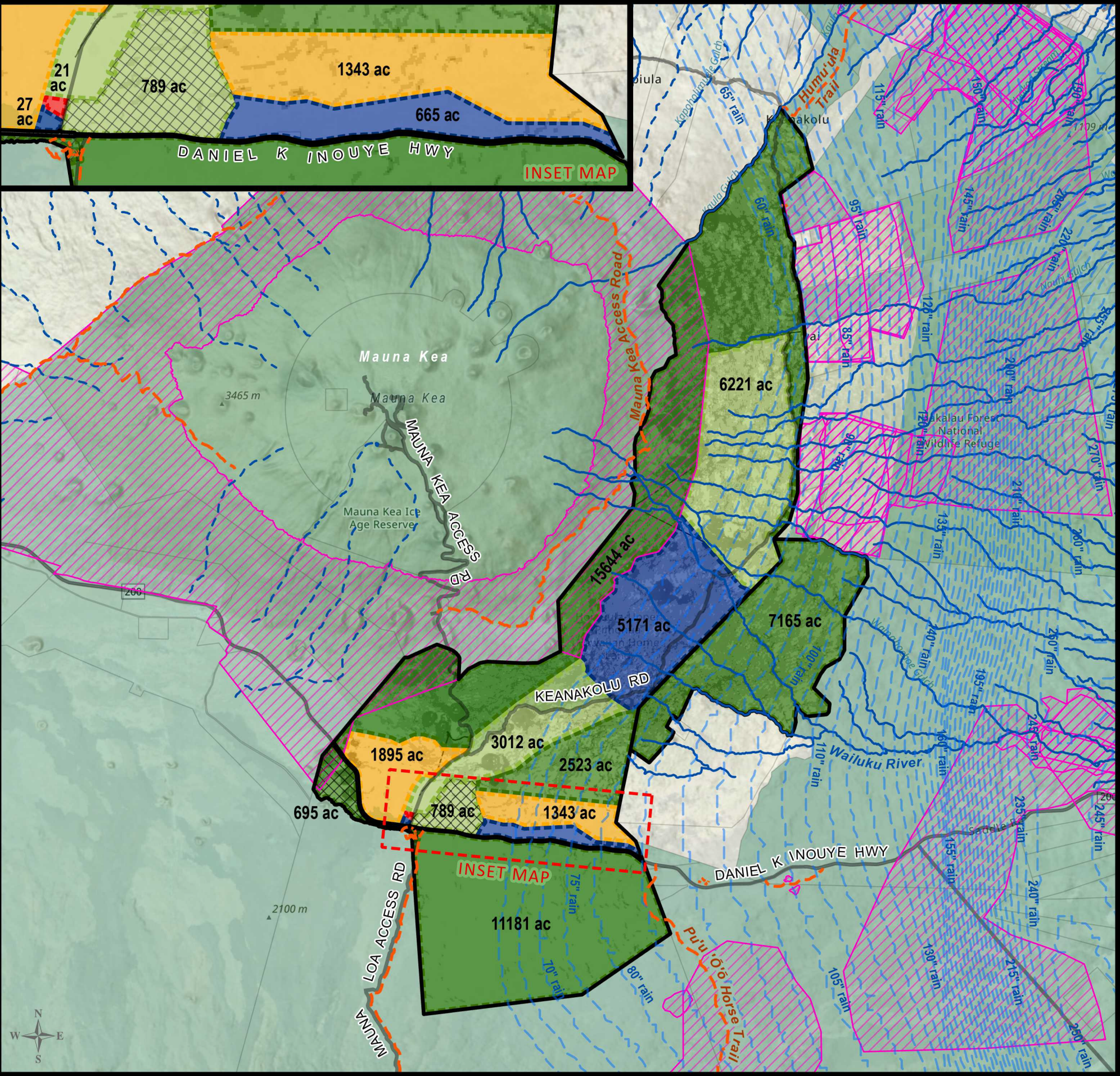
Homestead Uses

Residential	29.9
Subsistence Agriculture	4.9
Supplemental Agriculture	0.0
Pastoral	0.0
DHHL Kuleana	0.0

Non-Homestead Uses

Community Use	4.4
Community Agriculture	0.0
Commercial	0.0
Industrial	0.0
Renewable Energy	0.0
Stewardship	0.0
Conservation	0.0
Special District	7.3

Approximate Total Acres
± 46.5

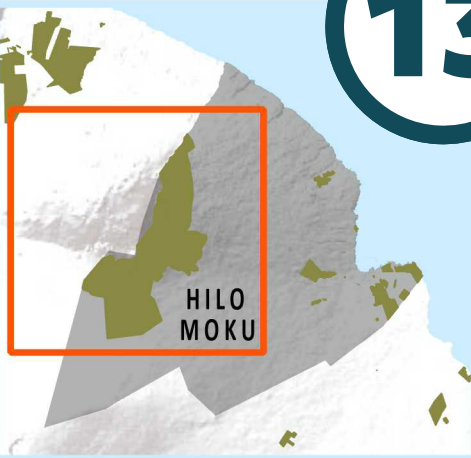


Site Assessment Highlights

- Long Term Leases
- Existing Roadways
- Nā Ala Hele Trails & Access
- Annual Rainfall > 60 Inches
- State & County Conservation
- Critical Habitats
- Streams
 - Perennial
 - Non-Perennial
- Slope Range
 - < 10% (Preferred)
 - 10 - 20% (Feasible)
 - > 20% (Too steep for some land uses)

Notes

- This map was drafted based on the 'Āina Mauna Legacy Program land use map. The program sees opportunities of self-sustainable rural-development homesteads along Daniel K Inouye Hwy (former Saddle Rd), including land for 100 to 200 homestead sites, land for alternative energy, and land for subsistence farming. Roads would remain unpaved and water would be catchment. Basic electrical and telecommunication infrastructure would be available.
- The site is partially within the State and County's conservation lands and also in the critical habitat areas for endangered Hawaiian honeycreepers.
- A few trails are near the site. Nā Ala Hele is the name of the State of Hawai'i's trail and access program. The program manages and maintains important public trails and access.
- Two existing leases are on the site: the 789-ac pastoral lease and the 695-ac military lease.
- The existing gorse shrub area (5,171 acres) and hard lava surfaces along Daniel K Inouye Hwy are identified as Special District.



Island Plan Update

Land Use Designations

Homestead Uses

Residential	0.0
Subsistence Agriculture	0.0
Supplemental Agriculture	0.0
Pastoral	10,021.2
DHHL Kuleana	3,238.1

Non-Homestead Uses

Community Use	0.0
Community Agriculture	0.0
Commercial	21.1
Industrial	0.0
Renewable Energy	0.0
Stewardship	0.0
Conservation	37,206.9
Special District	5,863.2

Approximate Total Acres
± 56,350.5