

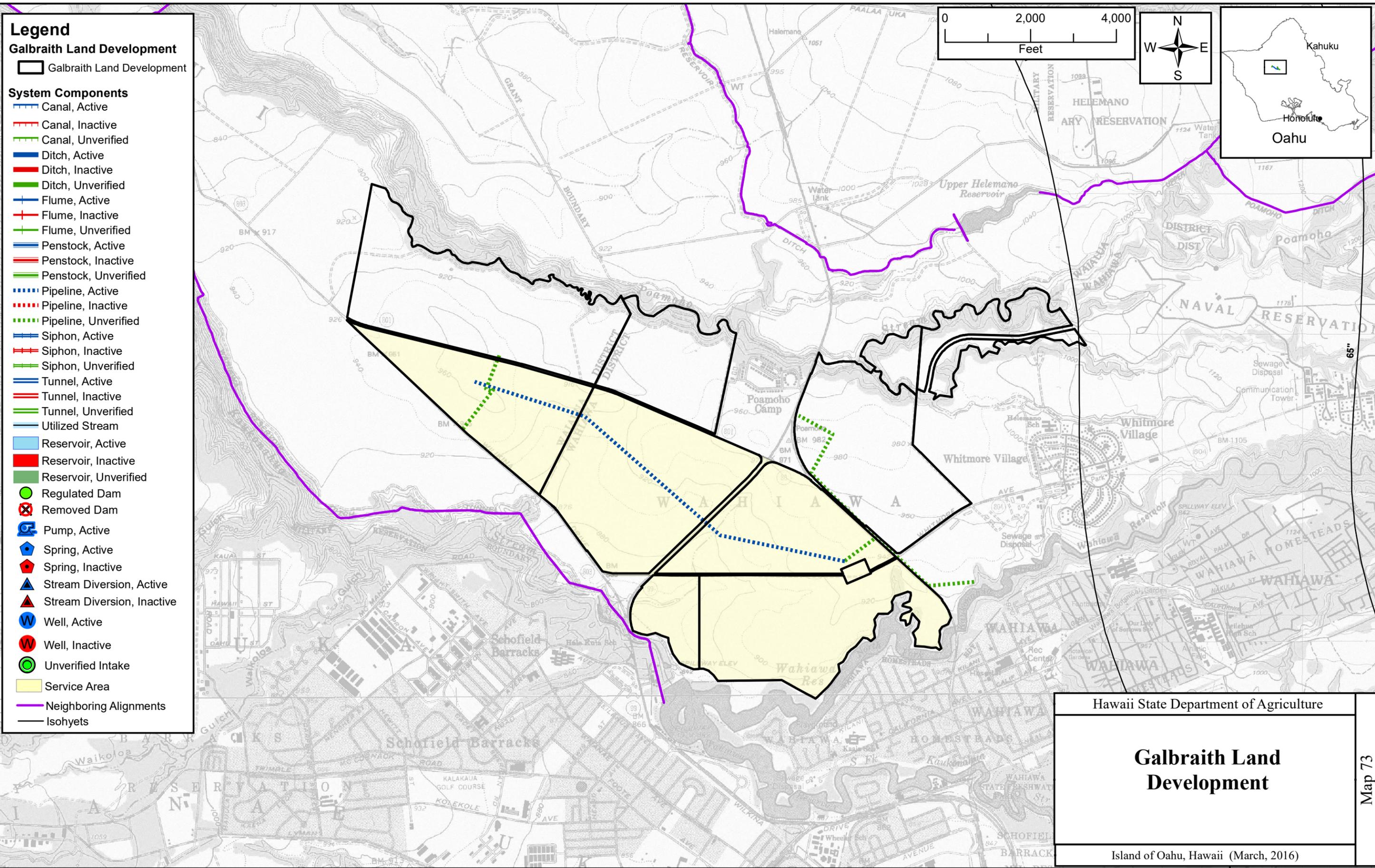
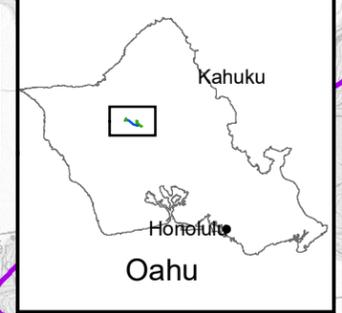
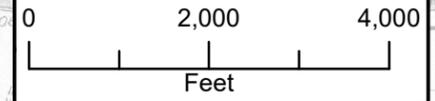
Legend

Galbraith Land Development

Galbraith Land Development

System Components

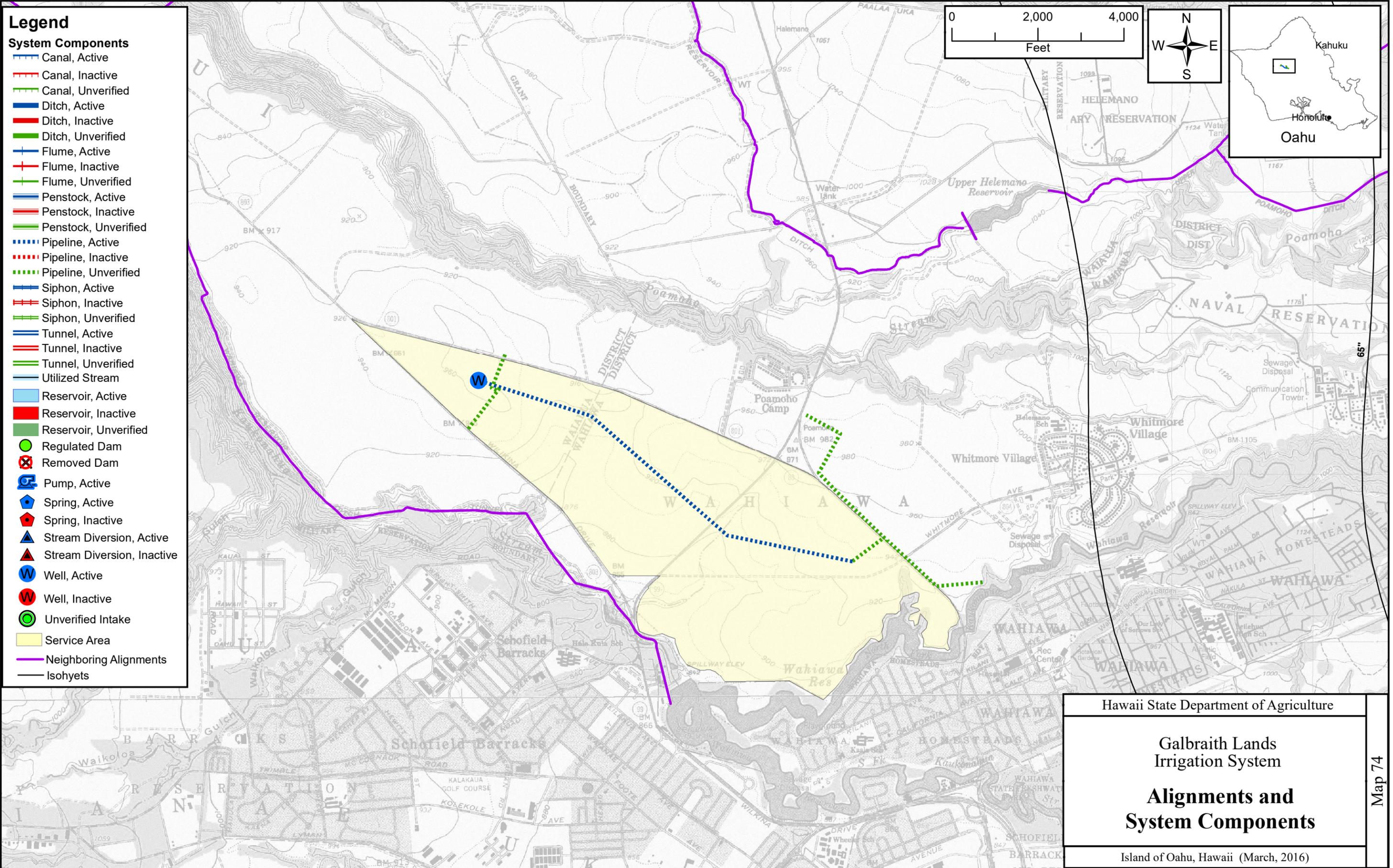
- Canal, Active
- Canal, Inactive
- Canal, Unverified
- Ditch, Active
- Ditch, Inactive
- Ditch, Unverified
- Flume, Active
- Flume, Inactive
- Flume, Unverified
- Penstock, Active
- Penstock, Inactive
- Penstock, Unverified
- Pipeline, Active
- Pipeline, Inactive
- Pipeline, Unverified
- Siphon, Active
- Siphon, Inactive
- Siphon, Unverified
- Tunnel, Active
- Tunnel, Inactive
- Tunnel, Unverified
- Utilized Stream
- Reservoir, Active
- Reservoir, Inactive
- Reservoir, Unverified
- Regulated Dam
- Removed Dam
- Pump, Active
- Spring, Active
- Spring, Inactive
- Stream Diversion, Active
- Stream Diversion, Inactive
- Well, Active
- Well, Inactive
- Unverified Intake
- Service Area
- Neighboring Alignments
- Isohyets



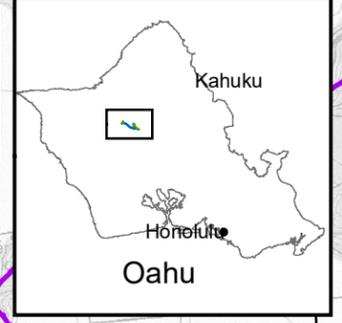
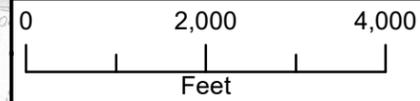
Hawaii State Department of Agriculture

Galbraith Land Development

Island of Oahu, Hawaii (March, 2016)



- Legend**
- System Components**
- Canal, Active
 - Canal, Inactive
 - Canal, Unverified
 - Ditch, Active
 - Ditch, Inactive
 - Ditch, Unverified
 - + Flume, Active
 - + Flume, Inactive
 - + Flume, Unverified
 - Penstock, Active
 - Penstock, Inactive
 - Penstock, Unverified
 - Pipeline, Active
 - Pipeline, Inactive
 - Pipeline, Unverified
 - Siphon, Active
 - Siphon, Inactive
 - Siphon, Unverified
 - Tunnel, Active
 - Tunnel, Inactive
 - Tunnel, Unverified
 - Utilized Stream
 - Reservoir, Active
 - Reservoir, Inactive
 - Reservoir, Unverified
 - Regulated Dam
 - ⊗ Removed Dam
 - ⚙ Pump, Active
 - ⚙ Spring, Active
 - ⚙ Spring, Inactive
 - ▲ Stream Diversion, Active
 - ▲ Stream Diversion, Inactive
 - ⊙ Well, Active
 - ⊙ Well, Inactive
 - ⊙ Unverified Intake
 - Service Area
 - Neighboring Alignments
 - Isohyets



Hawaii State Department of Agriculture

**Galbraith Lands
Irrigation System**

**Alignments and
System Components**

Island of Oahu, Hawaii (March, 2016)

Map 74

Legend

ALISH

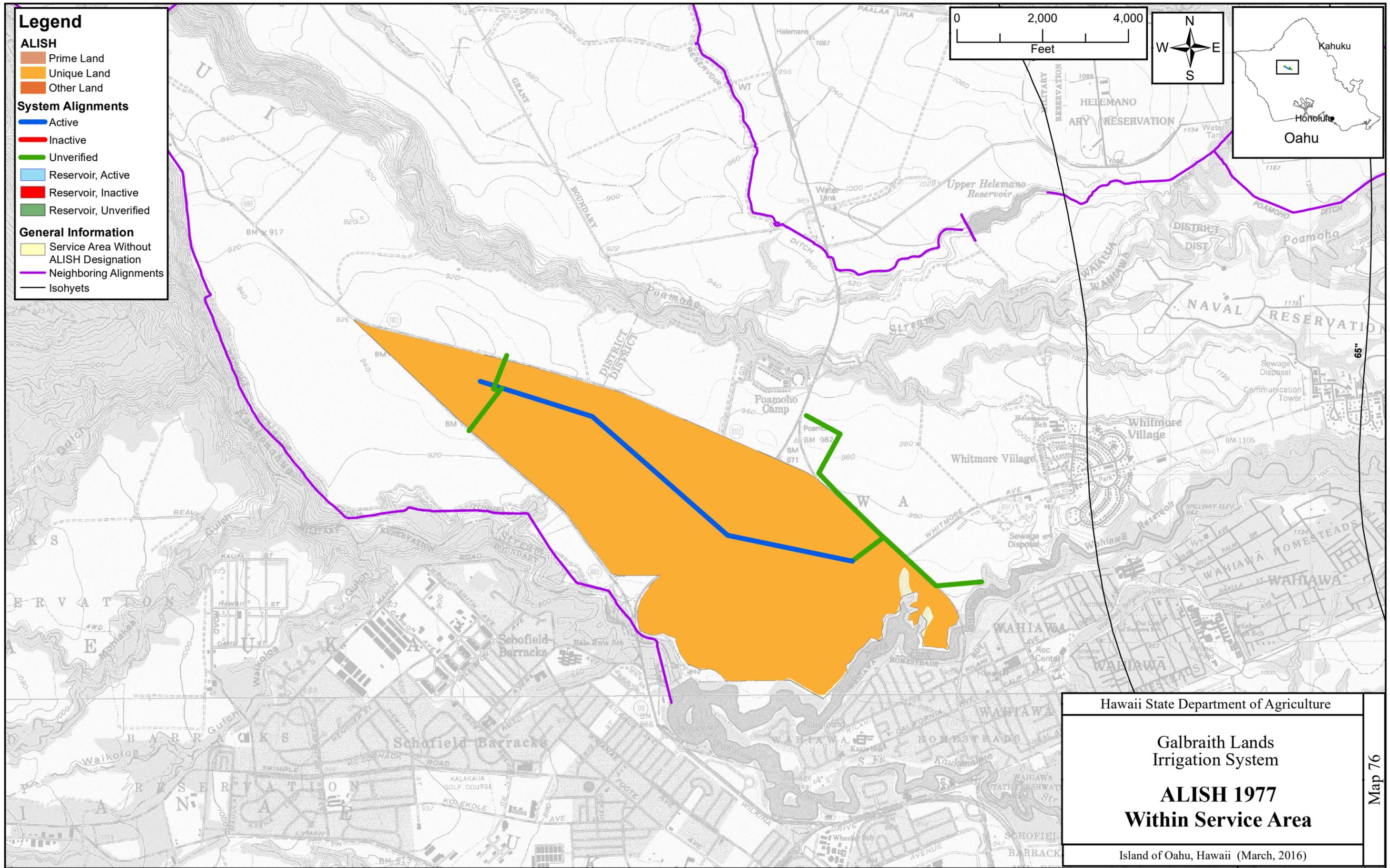
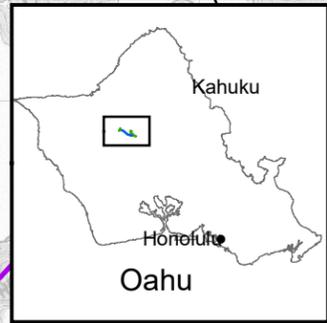
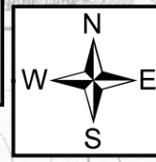
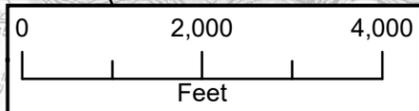
- Prime Land
- Unique Land
- Other Land

System Alignments

- Active
- Inactive
- Unverified
- Reservoir, Active
- Reservoir, Inactive
- Reservoir, Unverified

General Information

- Service Area Without ALISH Designation
- Neighboring Alignments
- Isohyets



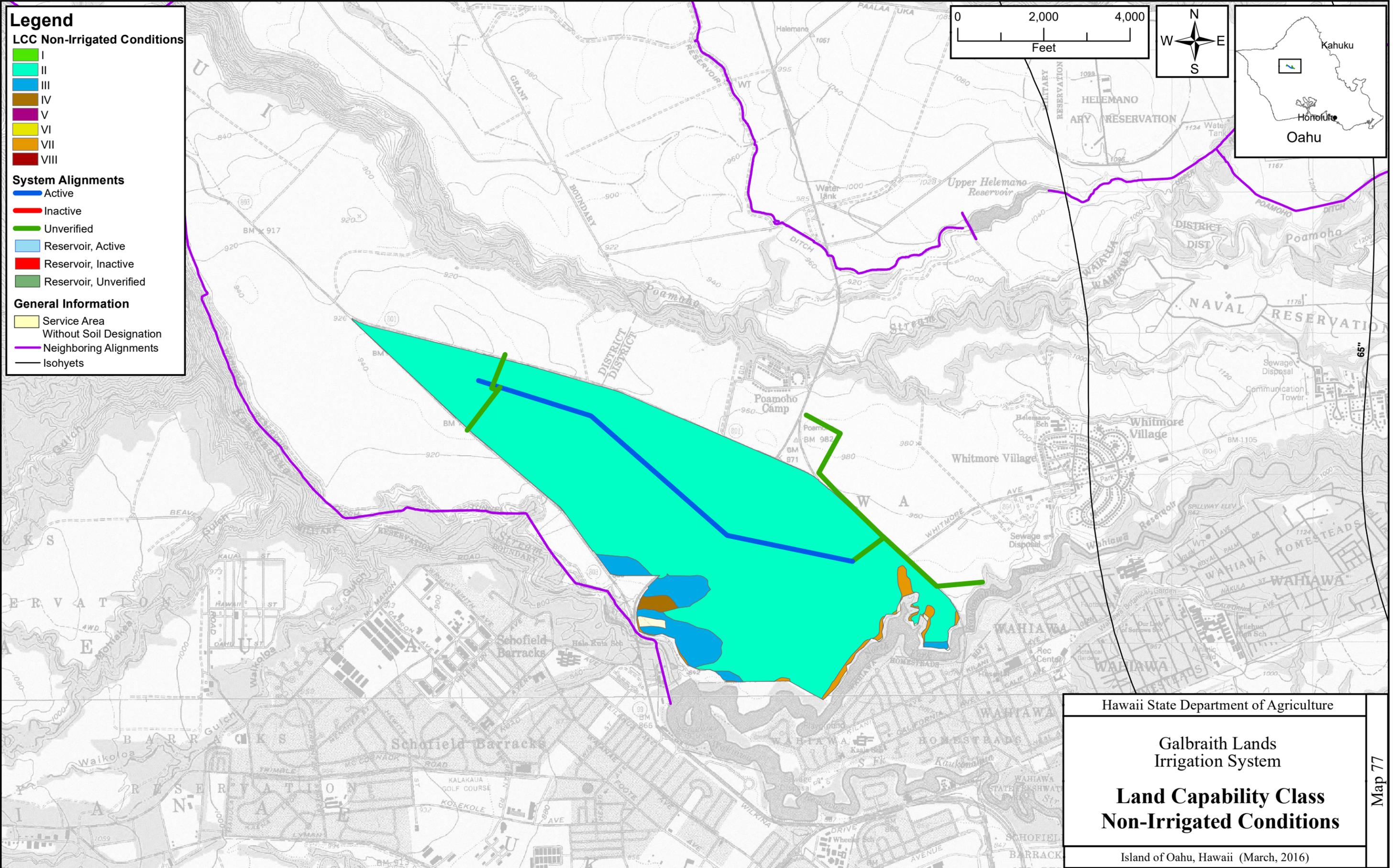
Hawaii State Department of Agriculture

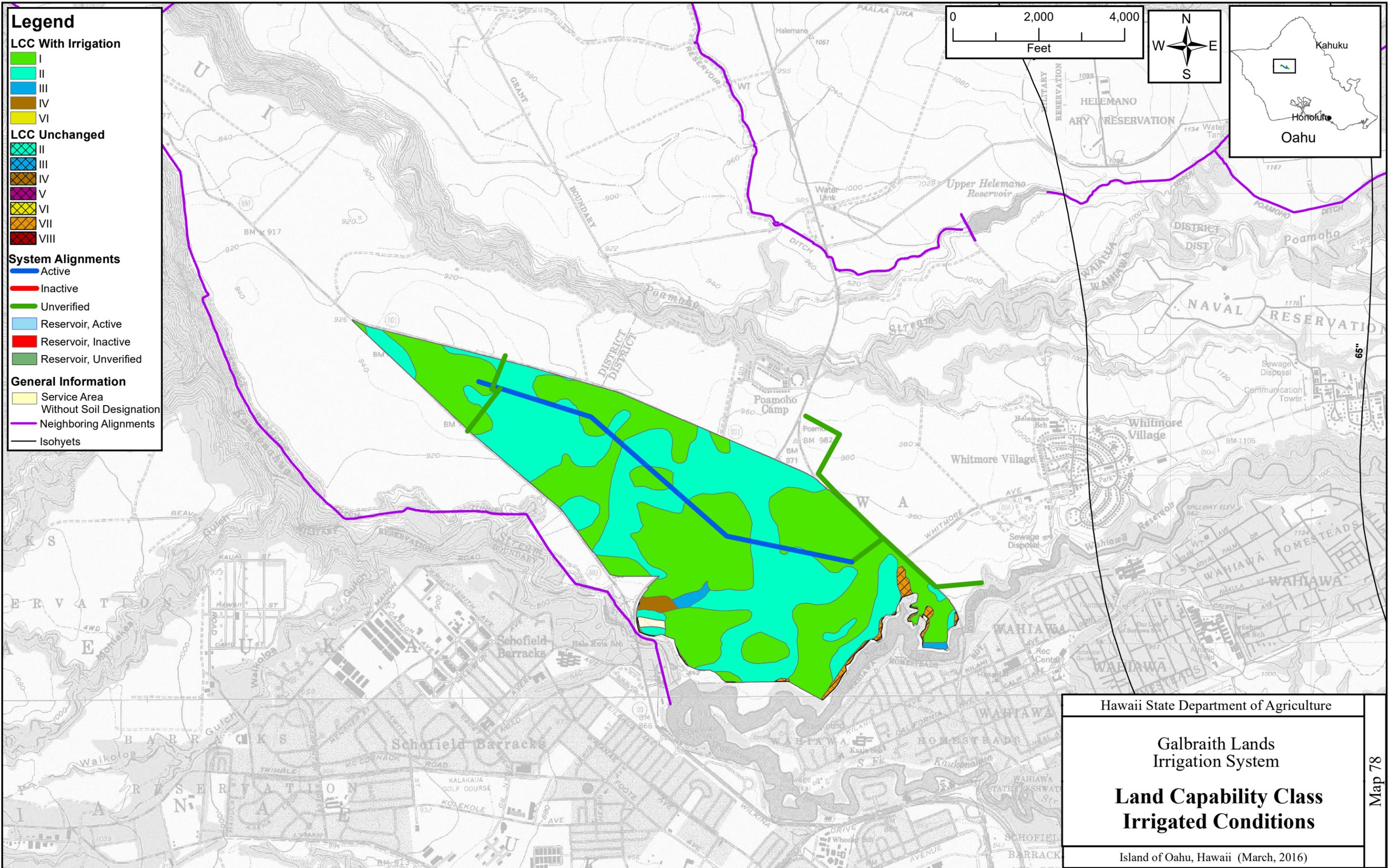
Galbraith Lands
Irrigation System

ALISH 1977
Within Service Area

Island of Oahu, Hawaii (March, 2016)

Map 76





Legend

LCC With Irrigation

- I
- II
- III
- IV
- VI

LCC Unchanged

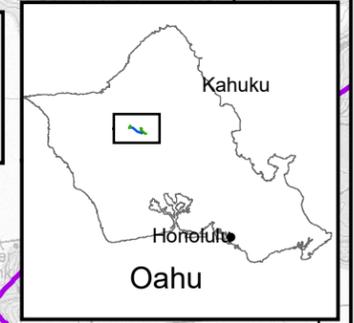
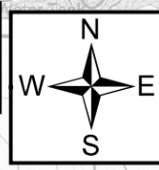
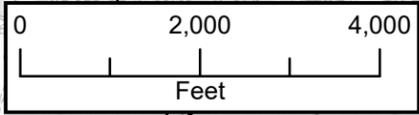
- II
- III
- IV
- V
- VI
- VII
- VIII

System Alignments

- Active
- Inactive
- Unverified
- Reservoir, Active
- Reservoir, Inactive
- Reservoir, Unverified

General Information

- Service Area Without Soil Designation
- Neighboring Alignments
- Isohyets



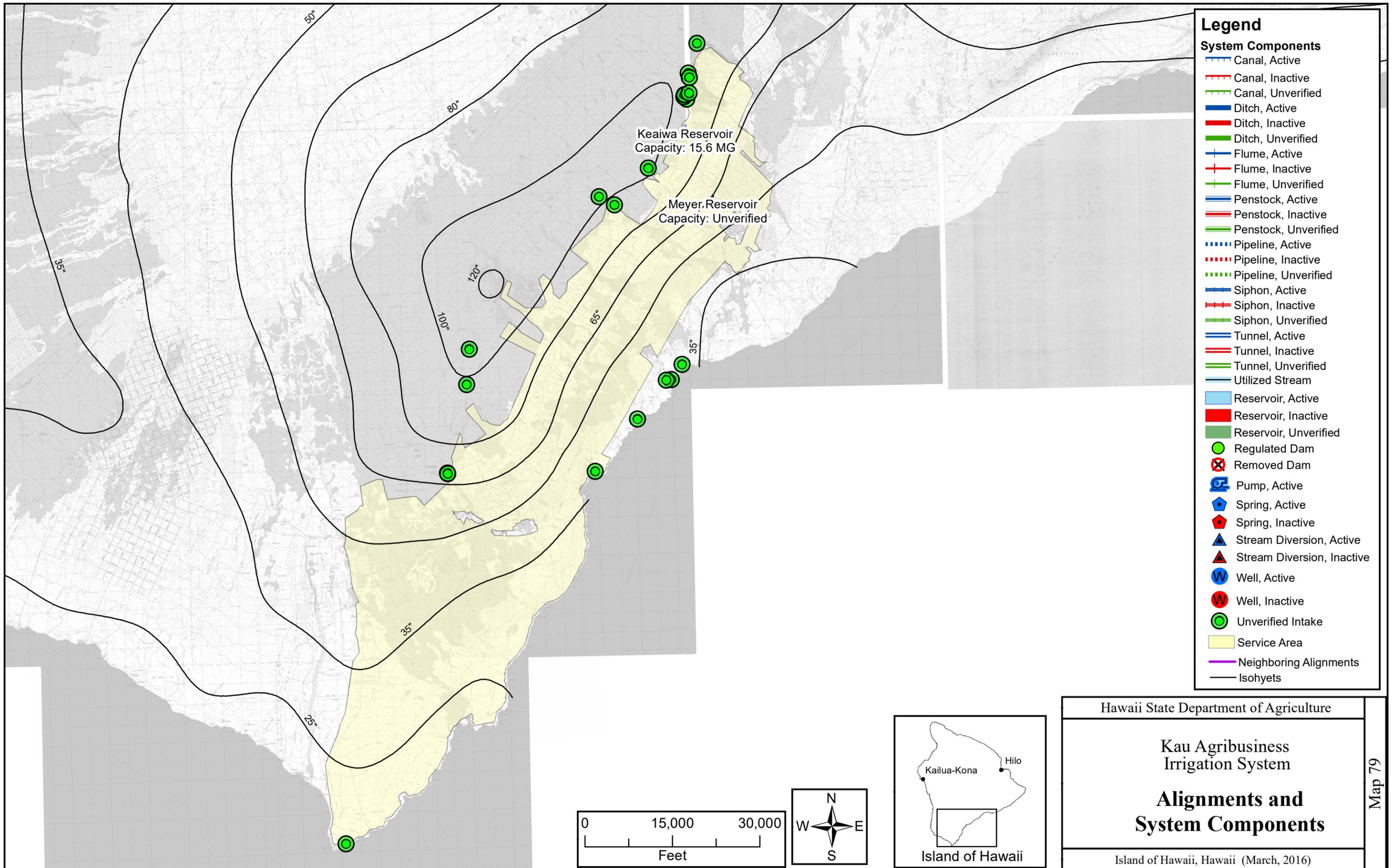
Hawaii State Department of Agriculture

Galbraith Lands
Irrigation System

**Land Capability Class
Irrigated Conditions**

Island of Oahu, Hawaii (March, 2016)

Map 78



- Legend**
- System Components**
- ▬▬▬ Canal, Active
 - - - Canal, Inactive
 - - - Canal, Unverified
 - ▬▬▬ Ditch, Active
 - - - Ditch, Inactive
 - - - Ditch, Unverified
 - + Flume, Active
 - + Flume, Inactive
 - + Flume, Unverified
 - ▬▬▬ Penstock, Active
 - - - Penstock, Inactive
 - - - Penstock, Unverified
 - ▬▬▬ Pipeline, Active
 - - - Pipeline, Inactive
 - - - Pipeline, Unverified
 - ▬▬▬ Siphon, Active
 - - - Siphon, Inactive
 - - - Siphon, Unverified
 - ▬▬▬ Tunnel, Active
 - - - Tunnel, Inactive
 - - - Tunnel, Unverified
 - ▬ Utilized Stream
 - Reservoir, Active
 - Reservoir, Inactive
 - Reservoir, Unverified
 - Regulated Dam
 - Removed Dam
 - ⚙ Pump, Active
 - ⬠ Spring, Active
 - ⬠ Spring, Inactive
 - ▲ Stream Diversion, Active
 - ▲ Stream Diversion, Inactive
 - Ⓜ Well, Active
 - Ⓜ Well, Inactive
 - Unverified Intake
 - Service Area
 - ▬ Neighboring Alignments
 - ▬ Isohyets

Hawaii State Department of Agriculture

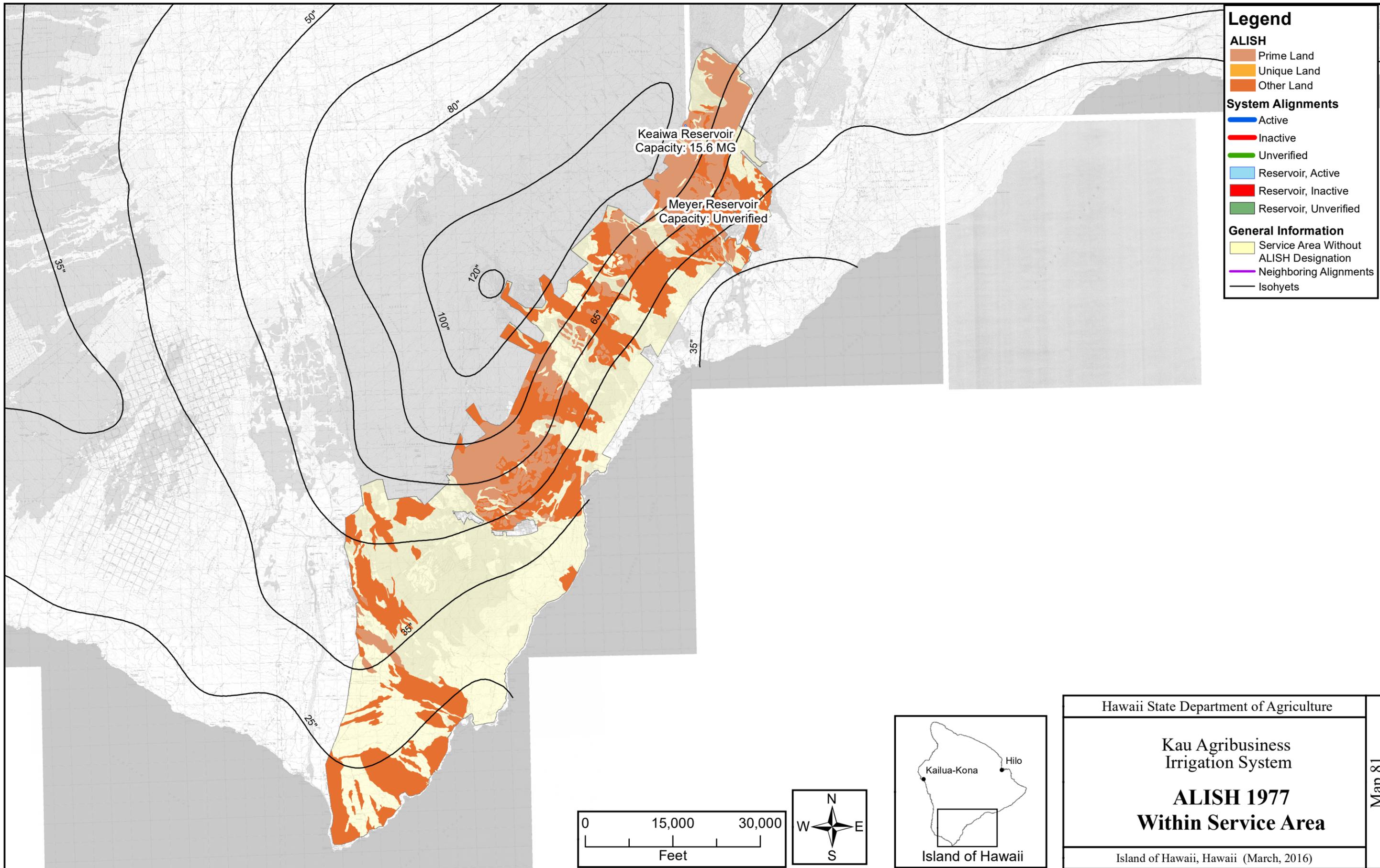
**Kau Agribusiness
Irrigation System**

**Alignments and
System Components**

Island of Hawaii, Hawaii (March, 2016)

Map 79





Legend

ALISH

- Prime Land
- Unique Land
- Other Land

System Alignments

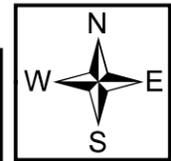
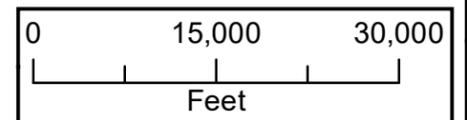
- Active
- Inactive
- Unverified
- Reservoir, Active
- Reservoir, Inactive
- Reservoir, Unverified

General Information

- Service Area Without ALISH Designation
- Neighboring Alignments
- Isohyets

Keaiwa Reservoir
Capacity: 15.6 MG

Meyer Reservoir
Capacity: Unverified



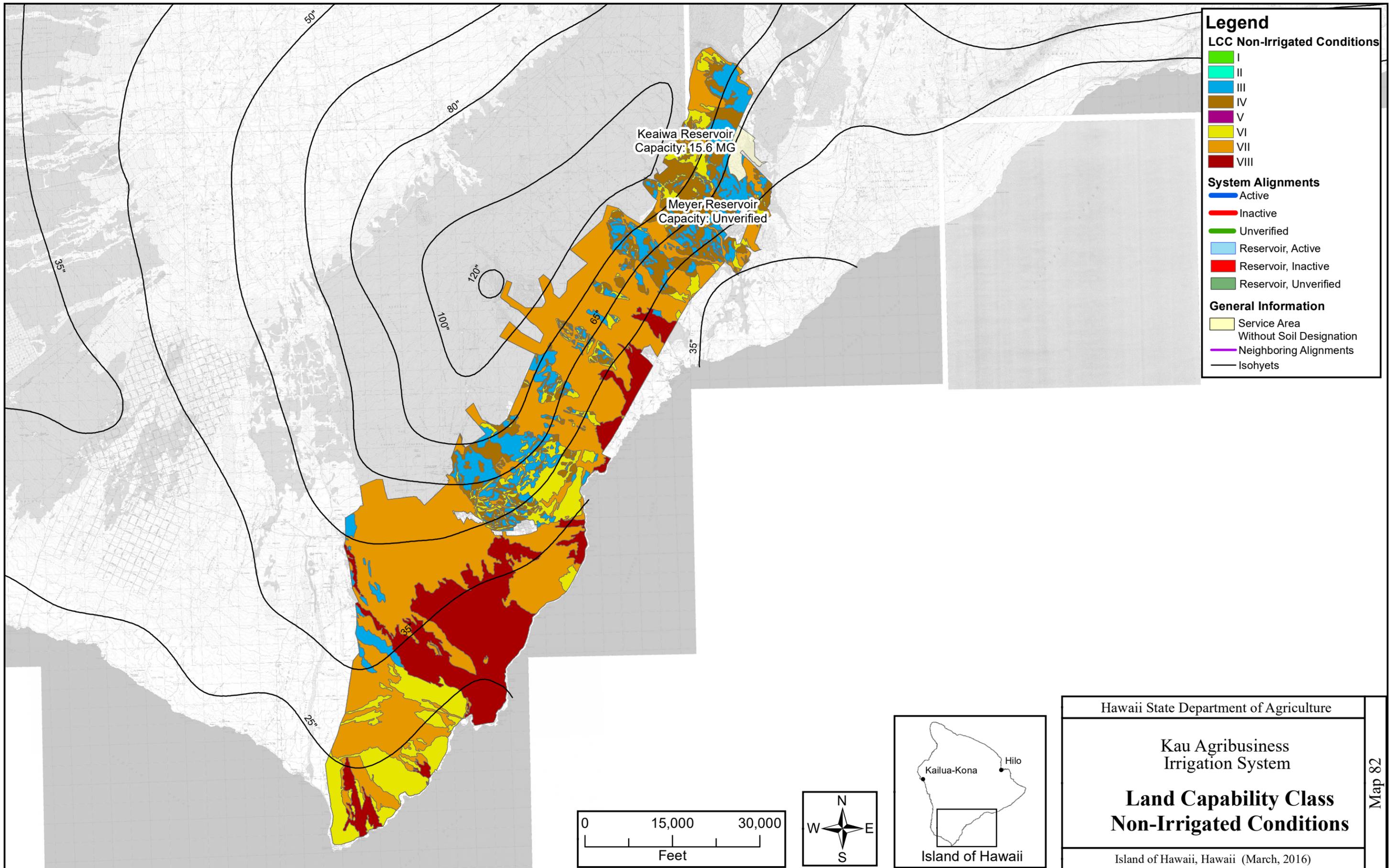
Hawaii State Department of Agriculture

Kau Agribusiness
Irrigation System

ALISH 1977
Within Service Area

Island of Hawaii, Hawaii (March, 2016)

Map 81



Legend

LCC Non-Irrigated Conditions

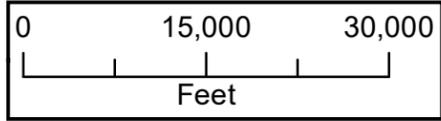
- I
- II
- III
- IV
- V
- VI
- VII
- VIII

System Alignments

- Active
- Inactive
- Unverified
- Reservoir, Active
- Reservoir, Inactive
- Reservoir, Unverified

General Information

- Service Area Without Soil Designation
- Neighboring Alignments
- Isohyets



Hawaii State Department of Agriculture

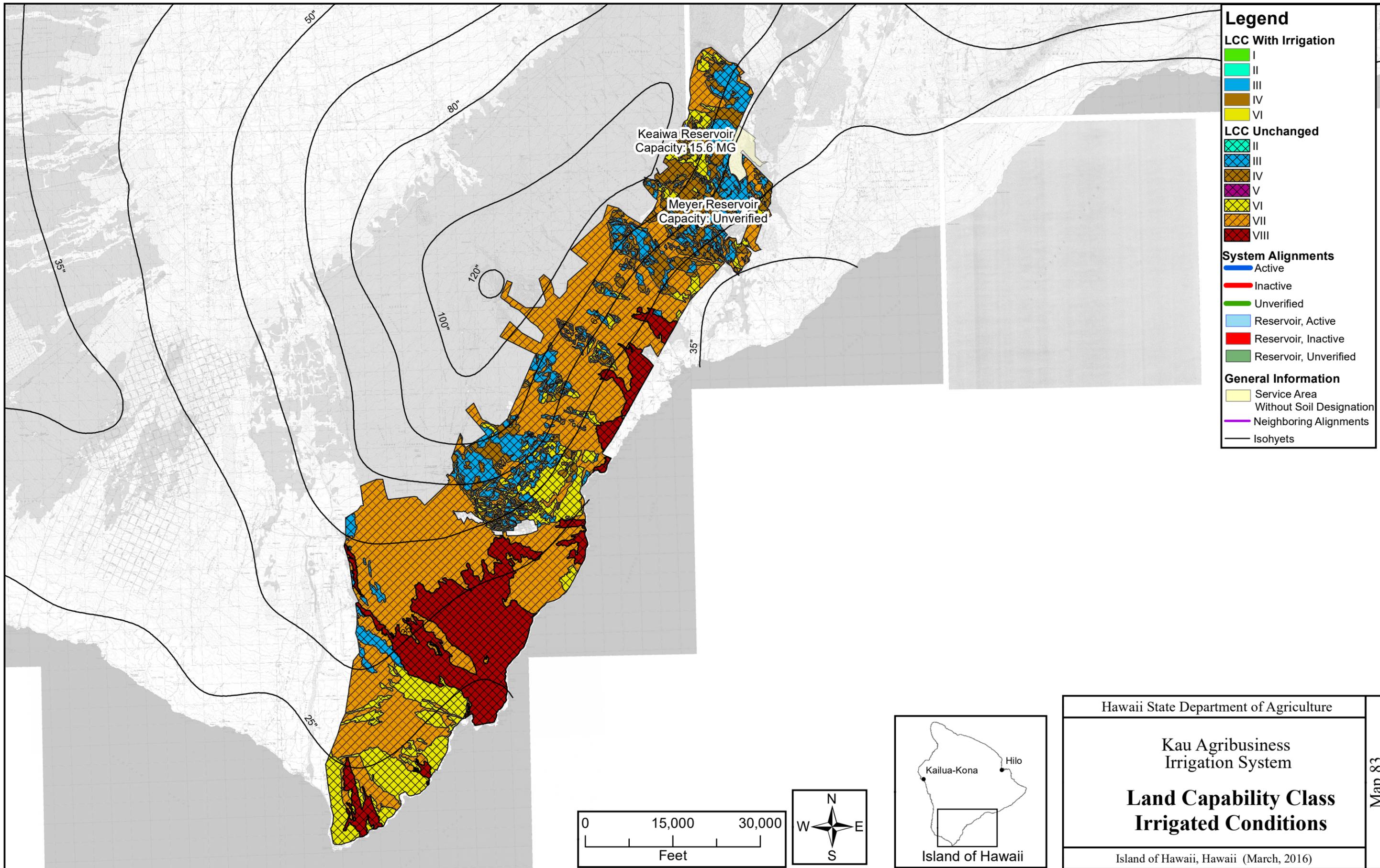
Kau Agribusiness Irrigation System

Land Capability Class Non-Irrigated Conditions

Island of Hawaii, Hawaii (March, 2016)

Map 82

NAD 83, UTM Zone 4N



Legend

LCC With Irrigation

- I
- II
- III
- IV
- VI

LCC Unchanged

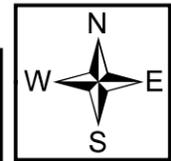
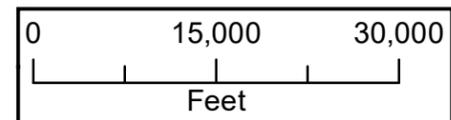
- II
- III
- IV
- V
- VI
- VII
- VIII

System Alignments

- Active
- Inactive
- Unverified
- Reservoir, Active
- Reservoir, Inactive
- Reservoir, Unverified

General Information

- Service Area Without Soil Designation
- Neighboring Alignments
- Isohyets



Hawaii State Department of Agriculture

Kau Agribusiness Irrigation System

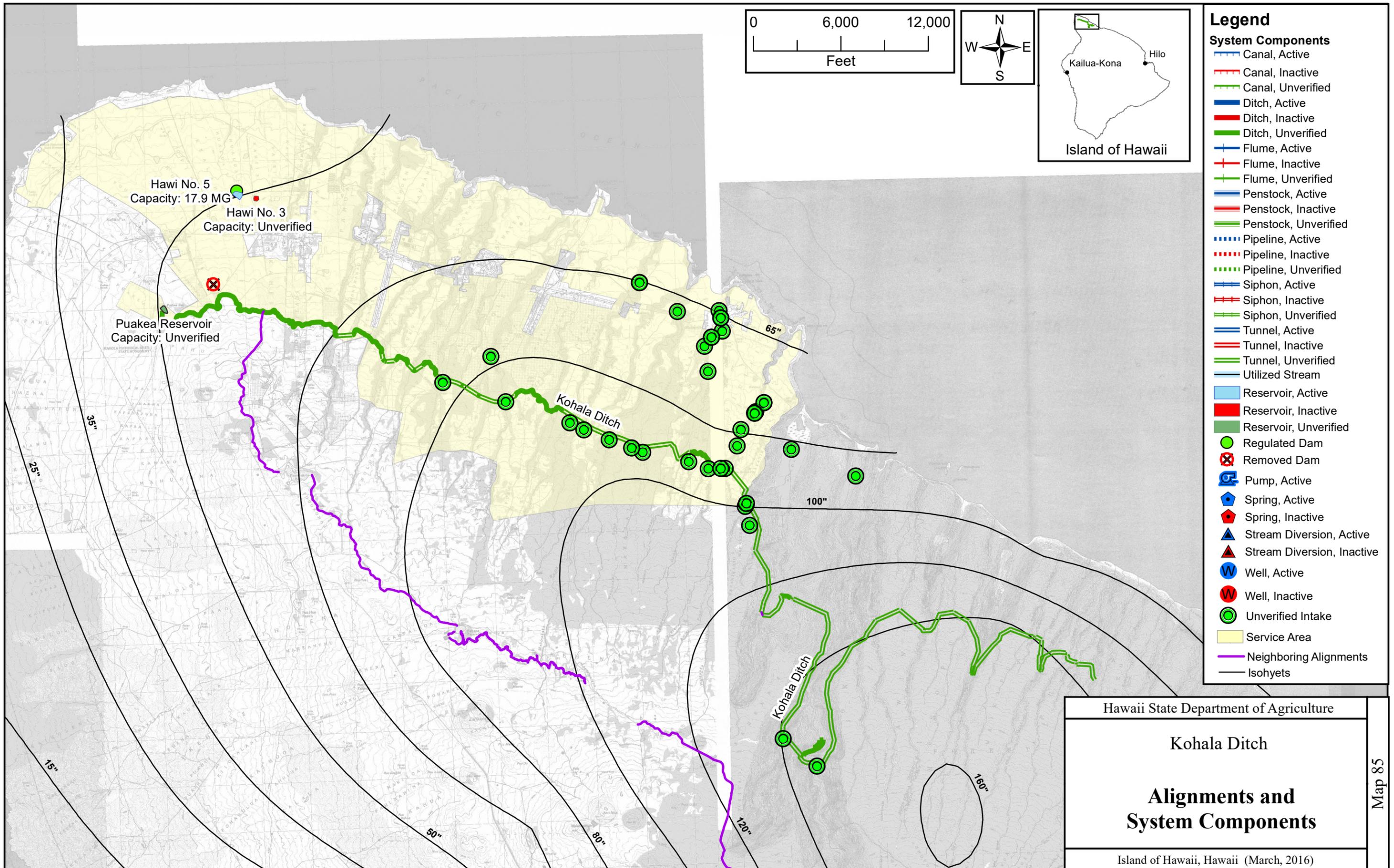
Land Capability Class Irrigated Conditions

Island of Hawaii, Hawaii (March, 2016)

Map 83



NAD 83, UTM Zone 4N



NAD 83, UTM Zone 4N

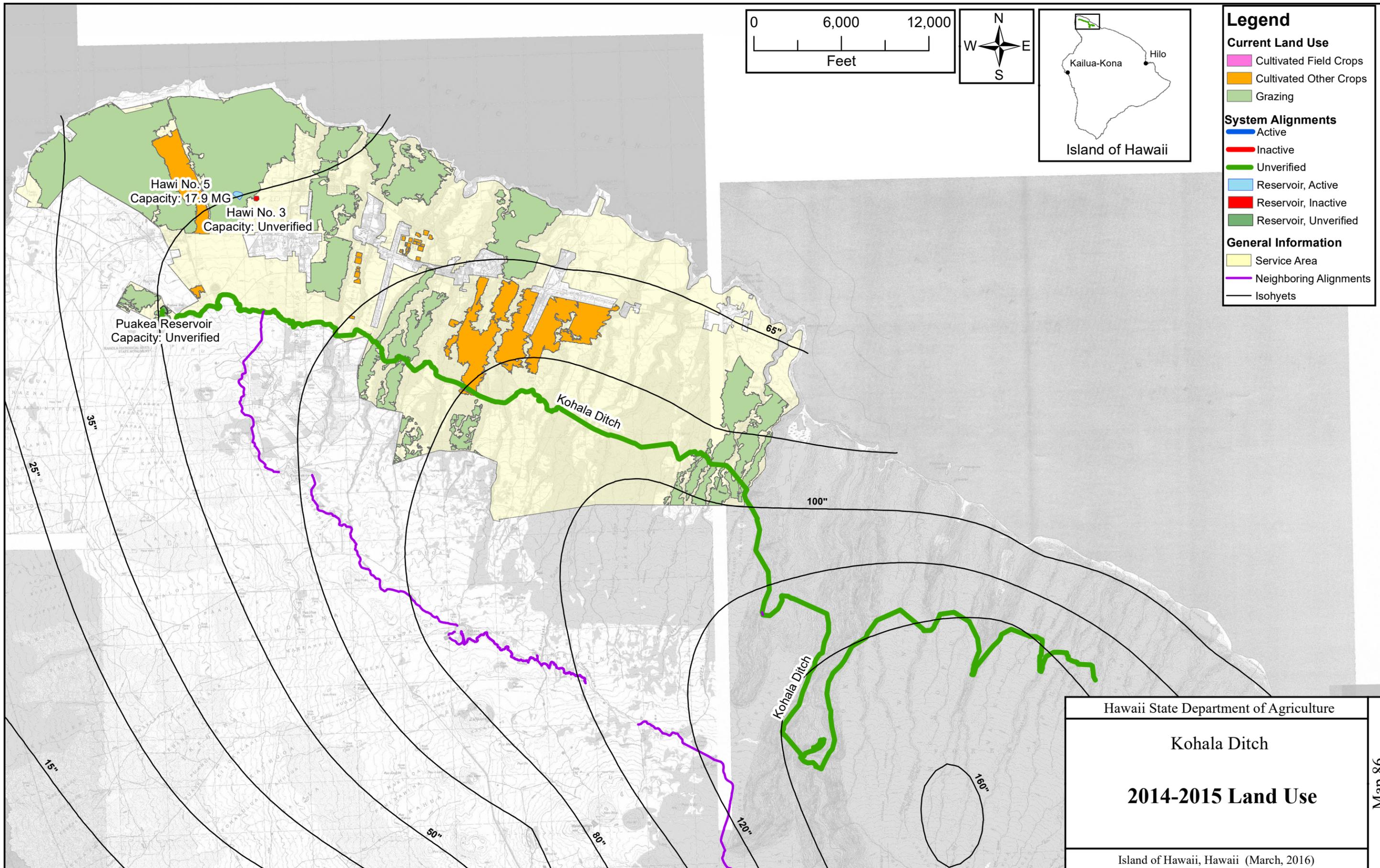
Hawaii State Department of Agriculture

Kohala Ditch

Alignments and System Components

Island of Hawaii, Hawaii (March, 2016)

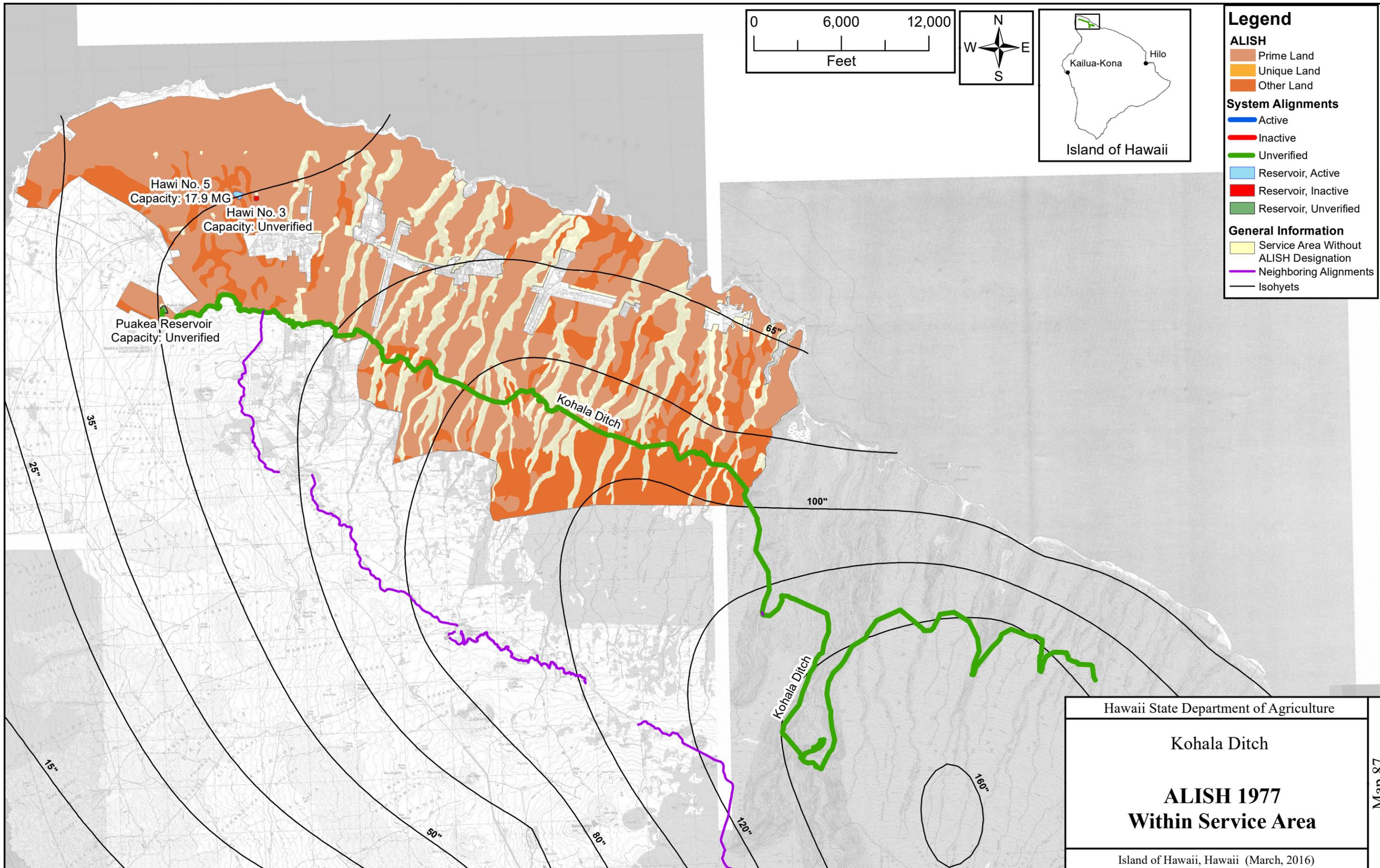
Map 85



Hawaii State Department of Agriculture	
Kohala Ditch	
2014-2015 Land Use	
Island of Hawaii, Hawaii (March, 2016)	

Map 86

NAD 83, UTM Zone 4N



Legend

ALISH

- Prime Land
- Unique Land
- Other Land

System Alignments

- Active
- Inactive
- Unverified
- Reservoir, Active
- Reservoir, Inactive
- Reservoir, Unverified

General Information

- Service Area Without ALISH Designation
- Neighboring Alignments
- Isohyets

Hawaii State Department of Agriculture

Kohala Ditch

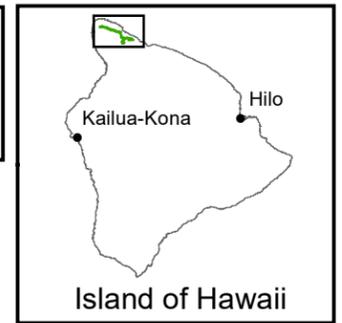
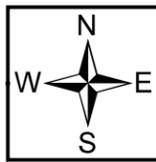
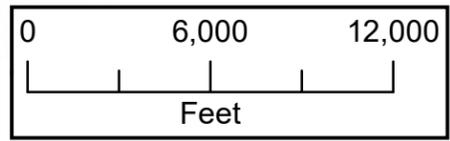
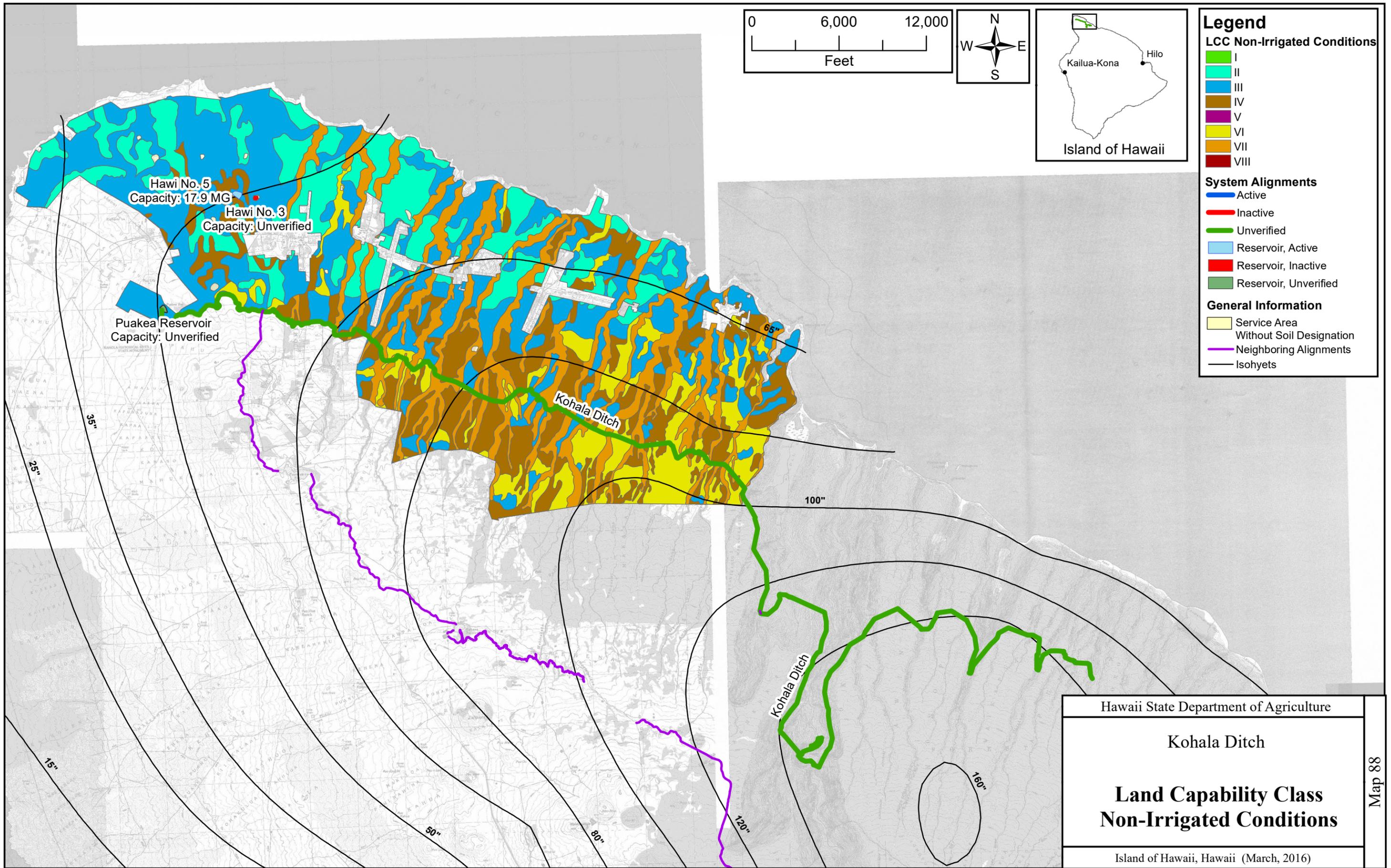
ALISH 1977

Within Service Area

Island of Hawaii, Hawaii (March, 2016)

Map 87

NAD 83, UTM Zone 4N



Legend

LCC Non-Irrigated Conditions

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

System Alignments

- Active
- Inactive
- Unverified
- Reservoir, Active
- Reservoir, Inactive
- Reservoir, Unverified

General Information

- Service Area Without Soil Designation
- Neighboring Alignments
- Isohyets

Hawaii State Department of Agriculture

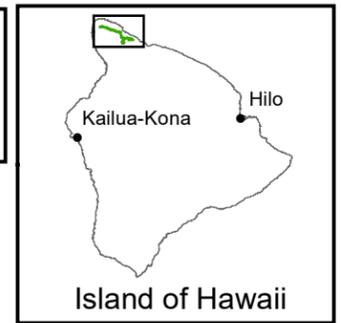
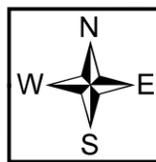
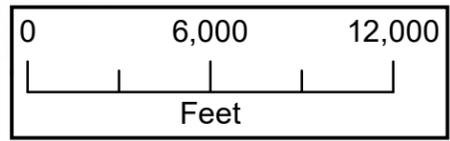
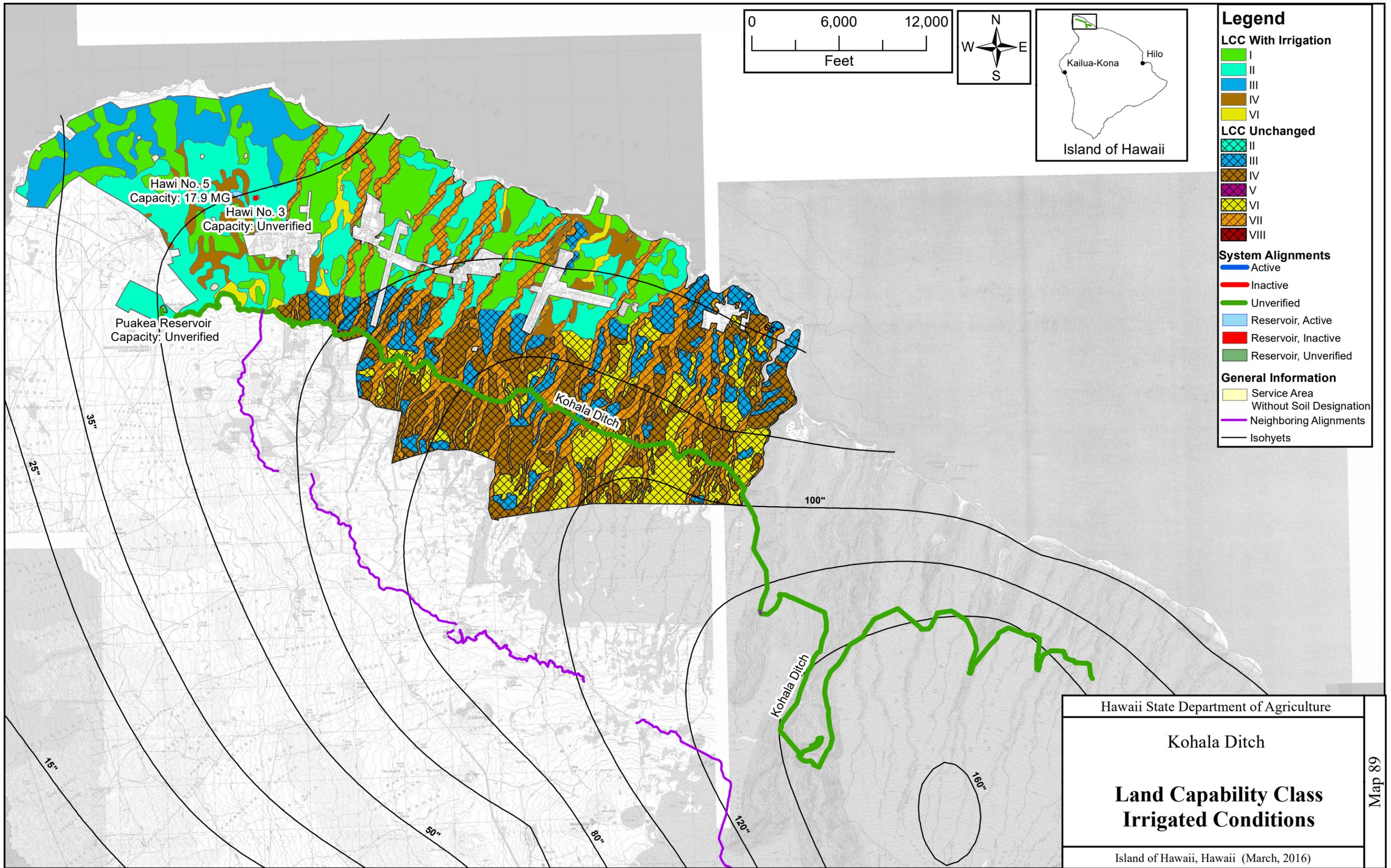
Kohala Ditch

**Land Capability Class
Non-Irrigated Conditions**

Island of Hawaii, Hawaii (March, 2016)

Map 88

NAD 83, UTM Zone 4N



Legend

LCC With Irrigation

- I
- II
- III
- IV
- VI

LCC Unchanged

- II
- III
- IV
- V
- VI
- VII
- VIII

System Alignments

- Active
- Inactive
- Unverified
- Reservoir, Active
- Reservoir, Inactive
- Reservoir, Unverified

General Information

- Service Area Without Soil Designation
- Neighboring Alignments
- Isohyets

Hawaii State Department of Agriculture

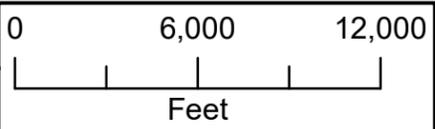
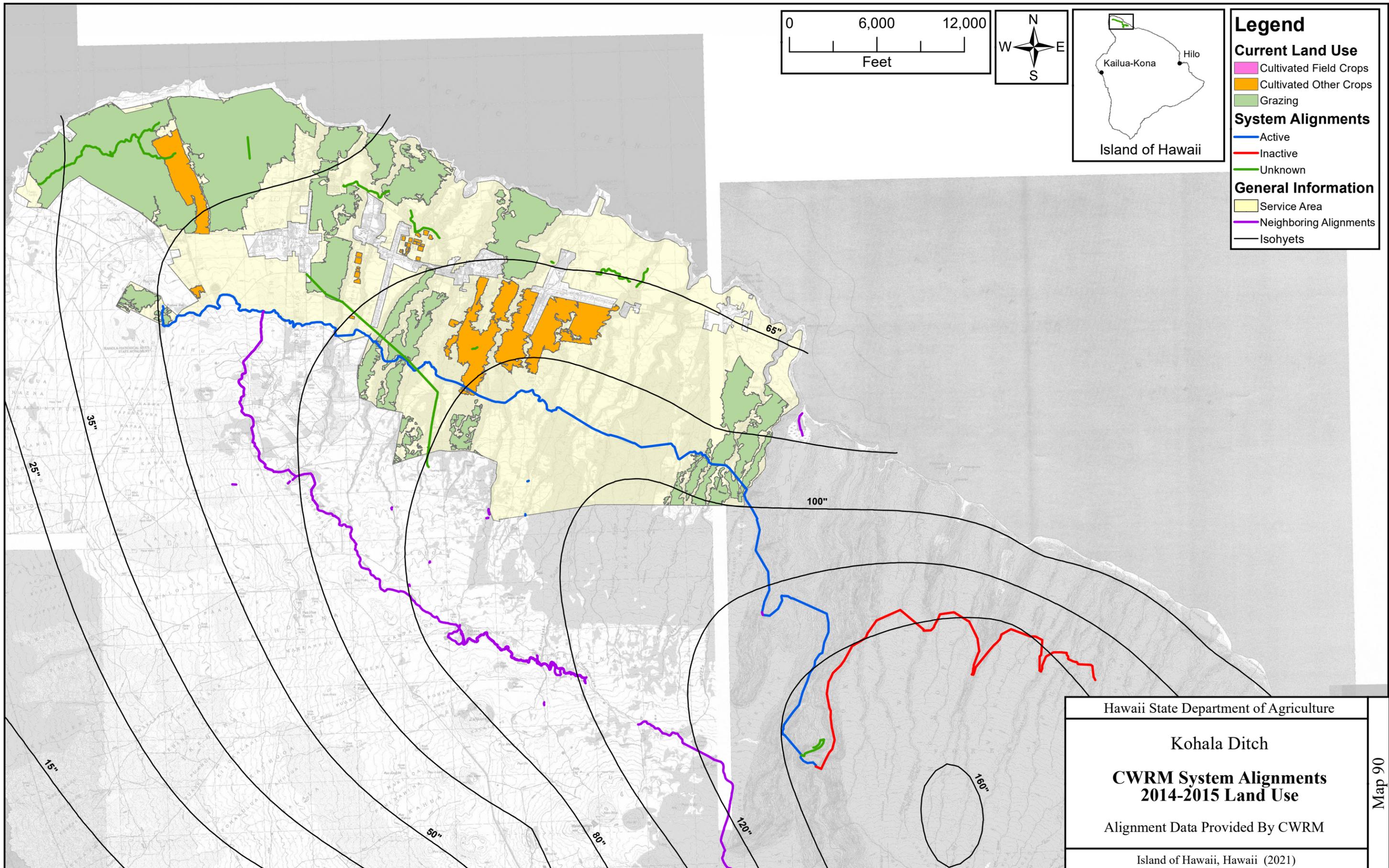
Kohala Ditch

**Land Capability Class
Irrigated Conditions**

Island of Hawaii, Hawaii (March, 2016)

Map 89

NAD 83, UTM Zone 4N



Legend

Current Land Use

- Cultivated Field Crops
- Cultivated Other Crops
- Grazing

System Alignments

- Active
- Inactive
- Unknown

General Information

- Service Area
- Neighboring Alignments
- Isohyets

Hawaii State Department of Agriculture

Kohala Ditch

**CWRM System Alignments
2014-2015 Land Use**

Alignment Data Provided By CWRM

Island of Hawaii, Hawaii (2021)

Map 90