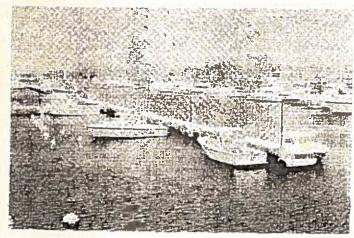
Property mount.

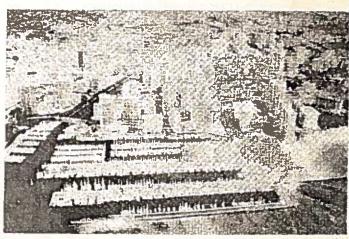
FINAL

Documentation of Facilities for the Boating Program Transfer to the Department of Land and Natural Resources









RMTC

R.M. Towill Corporation 420 Waiakamilo Road Suite 411 Henolulu, HI 96817-4941 (808) 842-1133 Fax 842-1937 January 1993

State of Hawaii
Department of Transportation
Harbors Division

DOCUMENTATION OF FACILITIES FOR BOATING PROGRAM TRANSFER TO THE DEPARTMENT OF LAND AND NATURAL RESOURCES

PREPARED FOR:

STATE OF HAWAII
Department of Transportation
Harbors Division

PREPARED BY:

R.M. Towill Corporation 420 Waiakamilo Road, Suite 411 Honolulu, Hawaii 96817

AUGUST 1992

TABLE OF CONTENTS

		<u>Page</u>
INT	RODUCTION	i
HAV	MAII	
ПА		
	Honokohau Small Boat Harbor	1
	Honuapo Pier	2
	Kailua-Kona	3
	Kaulana Ramp	4
	Kauhako Landing	5
	Kawaihae Small Boat Harbor	6
	Kawaihae North	7
	Kawaihae South	8
	Keauhou Small Boat Harbor	9
	Milolii Landing	10
	Napoopoo Landing	11
	North Kohala Ramp	12
	Pohoiki Ramp	13
	Puako Ramp	14
	Reeds Bay	15
	Wailoa Sampan Basin & Small Boat Harbor	16
LANA		
	Manele Small Boat Harbor	17
MAUI		•
	Hana Boat Ramp	18
	Hana Wharf	19
	Kaanapali	20
	Kahului Boat Ramp	21

		<u>Page</u>
Keanae Ramp		22
Kihei Boat Ramp		23
Kihei Quay		24
Lahaina Roadstead		⁻ 25
Lahaina Small Boat Harbor		26
Maalea Small Boat Harbor		27
Mala Boat Ramp		28
Mala Wharf		29
Maliko Boat Ramp		30
Olowalu Jetty	72	31
MOLOKAI		-
Kamalo Wharf		32
Kaunakakai Small Boat Harbor		33
Pukoo Harbor		34
OAHU		•
Ala Wai Small Boat Harbor		35
Haleiwa Small Boat Harbor		37
Heeia Kea Small Boat Harbor		38
Kahana Bay Ramp		39
Ke'ehi Small Boat Harbor		40
Ke'ehi Lagoon		41
Maunalua Bay Ramp		42
Pokai Bay		43
Sand Island Ramp		46
Waianae Small Boat Harbor		45
Waikiki Beach Waters		46
KAUAI		40
Hanalei Wharf		47
Hanalei River Landing		48

100 1 2 2		<u>Page</u>
Kikiaola Small Boat Harbor		49
Koloa Ramp	90	50
Kukuiula Small Boat Harbor		51
Nawiliwili Small Boat Harbor	1	52
Port Allen Small Boat Harbor		53
Waikaea Boat Ramp		55
Appendix - Offshore Moorings		55

INTRODUCTION

SECTION 1

INTRODUCTION

The extensive oceans and coastline surrounding the Hawaiian Islands play an important role in the lives of Hawaii's residents and visitors. Shipping over the years has grown in importance as a means for commercial interaction between the islands and overseas, and as a method for relaxation or employment.

Numerous small boat harbors and launching ramps have been constructed throughout the islands to support an increasing number of recreational boaters and small commercial fishing operations. In many cases these harbors are extensions of the larger commercial harbors. Other small boat harbors have been constructed in areas where unsafe conditions necessitated the construction of facilities to support the increasing boating population's demand. Finally, there are facilities throughout the islands that were originally constructed in the last century to support the booming agricultural trade. Formerly under jurisdiction of the Territorial Harbor Commissioners, most of these landings, jetties and wharves have since been transferred to the State, DOT-Harbors Division. These older facilities are largely abandoned, but some have been converted to use by recreational and commercial/subsistence fishing boats.

The State of Hawaii Department of Transportation, Harbors Division is responsible for administering the fifty-four (54) small boat harbors, launching ramps, jetties, wharves and landings in Hawaii through June 30, 1992. On July 1, 1992 the jurisdiction for these facilities will be transferred to the State of Hawaii Department of Land and

Natural Resources, Division of Boating and Ocean Recreation, as part of the State's Recreational Boating Program, pursuant to Act 272, Session Laws of Hawaii, 1991.

Phase I - Inventory Report

This report documents each of the boating facilities that are to be transferred between the DOT and DLNR. The first section of the report provides a general description of each active and abandoned facility. Base maps, detailing the layout of each boating facility and it's location, are provided in conjunction with the inventory.

The second section of this report involves the boundary mapping of each recreational boating facility that is covered by an existing or pending Governor's Executive Order. These maps identify the metes and bounds, land areas, easements, and titles of the land.

Each of the E.O. boundary maps and facility base maps have been computer drawn, and the associated CADD files will be provided for use on the State's Microstation system.

Phase II - Master Planning

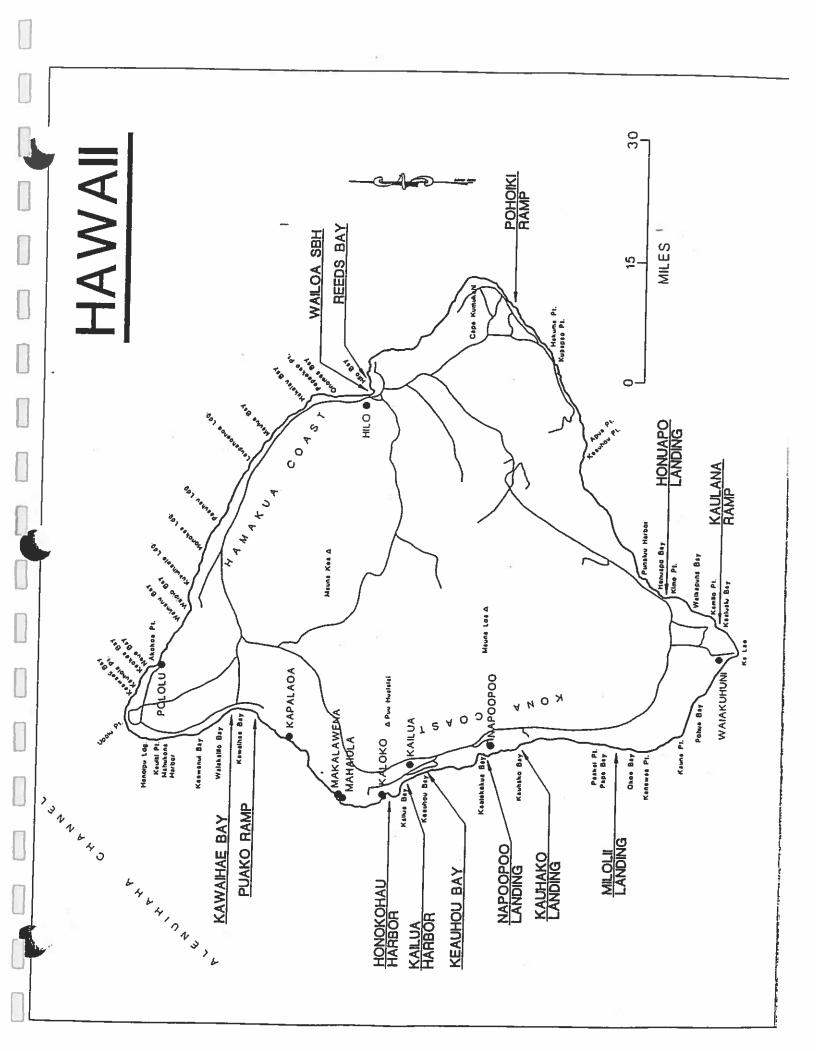
Due to the time limits imposed by the July 1 transfer date between DOT and DLNR, portions of the inventory were left to be completed as part of the Master Planning phase. During this Phase, the inventory will be updated to reflect new information

regarding the surrounding uses, future plans and buildings contained on the boating facilities.

Phase Two will also include the production of final base maps for each of the facilities. These maps will include recommended facility boundaries and all utilities as detailed in the State's "As Builts" plans.

The final task of Phase two will be to provide a Master Plan and a Six-Year Capital Improvement program for each of the boating facilities, as applicable. The Master plans will detail conceptual future layouts of each facility as determined by the State Boating Committees and DLNR boating program personnel. Cost estimates shall be proposed for major project improvements included in the Master Planning process, and will be used for budgeting purposes. The six-year capital improvement program will entail formulating a schedule for the implementation of each of the projects detailed in the Master Planning stage.

ISLAND OF HAWAII



Description

Authorization Construction Phases & Costs

Why Built Current Use

urisdiction

Acreage Recreational Berths Moorings Ramps Piers Buildings

Utilities
Parking Stalls
EO#, Statute, ROE
Commercial Permits
Leases

Surrounding Uses

Future Plans

01 Honokohau Small Boat Harbor Hawaii 7-4-08:3

Located on the West Coast of Hawaii, approximately 3 miles northwest of Kailua-Kona Wharf.

The harbor consists of a dredged channel that leads to two basins. There are 250 moorings in the harbor. There are two 30-foot wide, two-lane ramps, on the northern edge of the harbor, adjacent to an unimproved parking area. Construction includes 2 rubble wave absorbers along the north and south entrances, and a wave trap at the channel's inner end. River and Harbor Act, 1965

1972, Phase I, \$41,064, #6007
1978, Phase II, \$2,400,000, #6057
1983, Electric & Telephone Installations,
\$350,880, #6108
1989, Berthing Facilities, \$1,915,000, #6128
Small boat harbor
Primary boating facility in West Hawaii; mixed
use by recreational, charter and fishing boats.
State of Hawaii, Department of Transportation,
Harbors Division - Boating Branch.
128.766

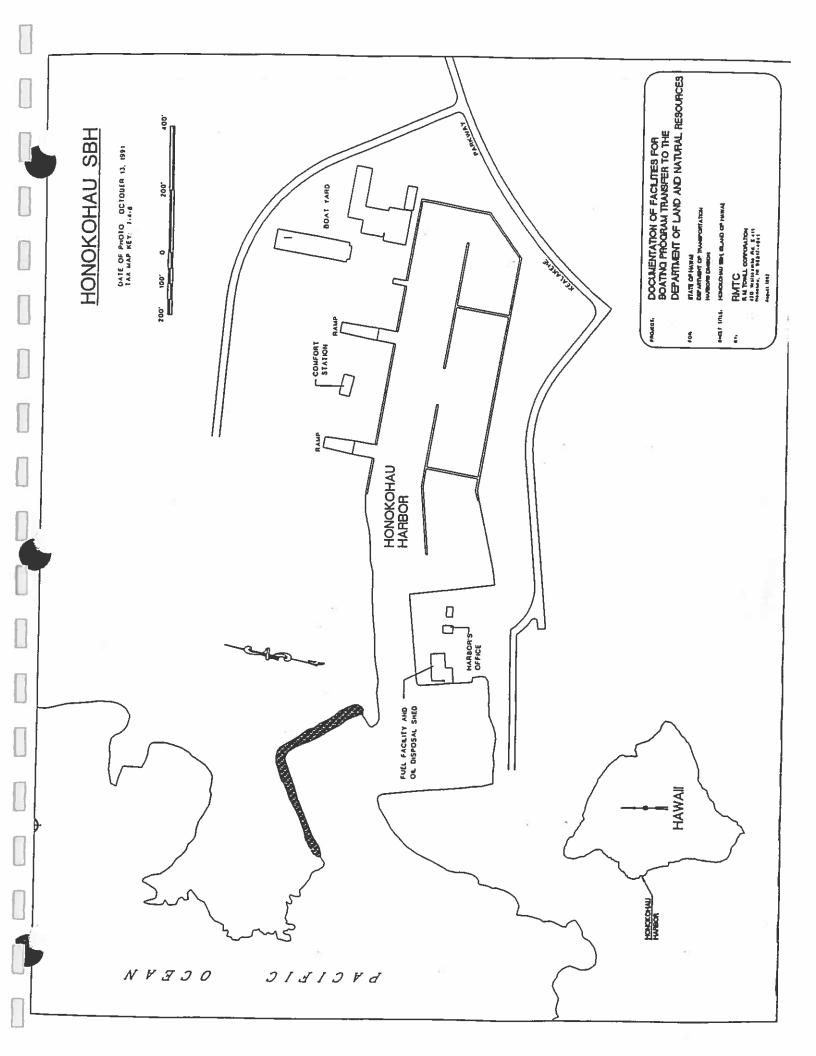
Fuel facility, Oil disposal shed, Comfort station, Harbor office.
Water, Electricity

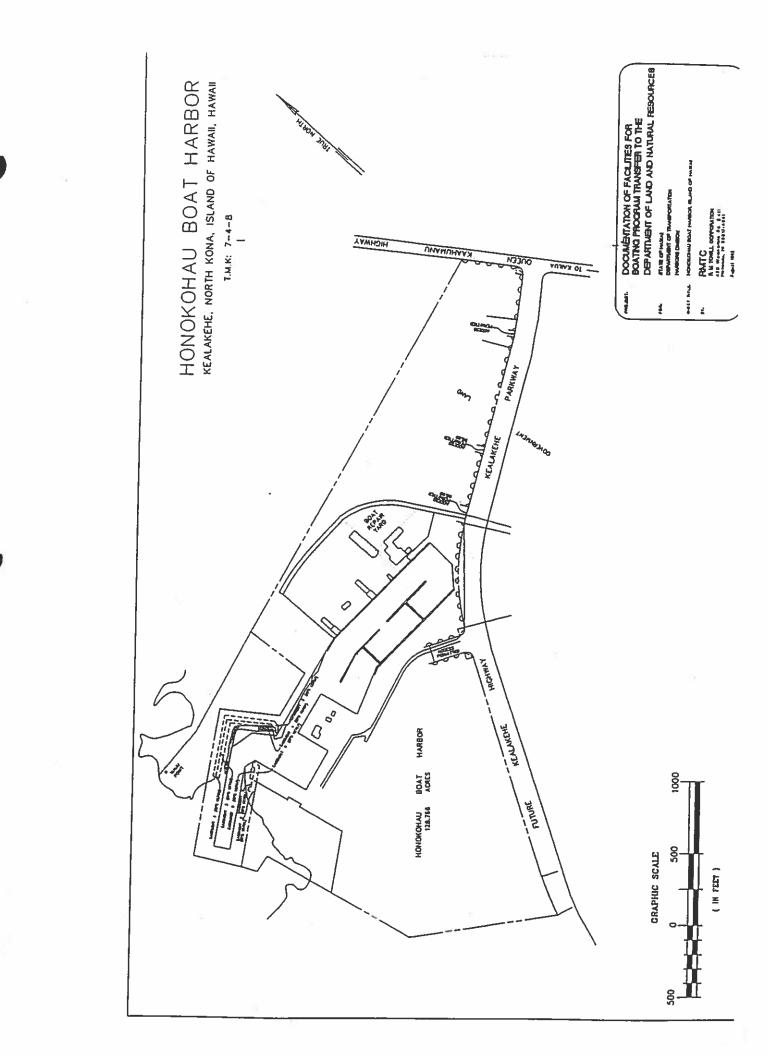
Unimproved parking area only. EO Pending

112

Gentry Properties, #H-82-4; 4/1/84 to 3/31/19. James Dahlberg #H-83-2; 7/19/83 to 7/18/18 Kaloko-Honokohau National Park borders north boundary.

Phase III expansion of south basin; Maritime-Industrial subdivision





DOT Boating Program Transfer to DLNR

August 1992

Number Name Island TMK Location

Description

Authorization Construction Phases & Costs Why Built Current Use

Jurisdiction

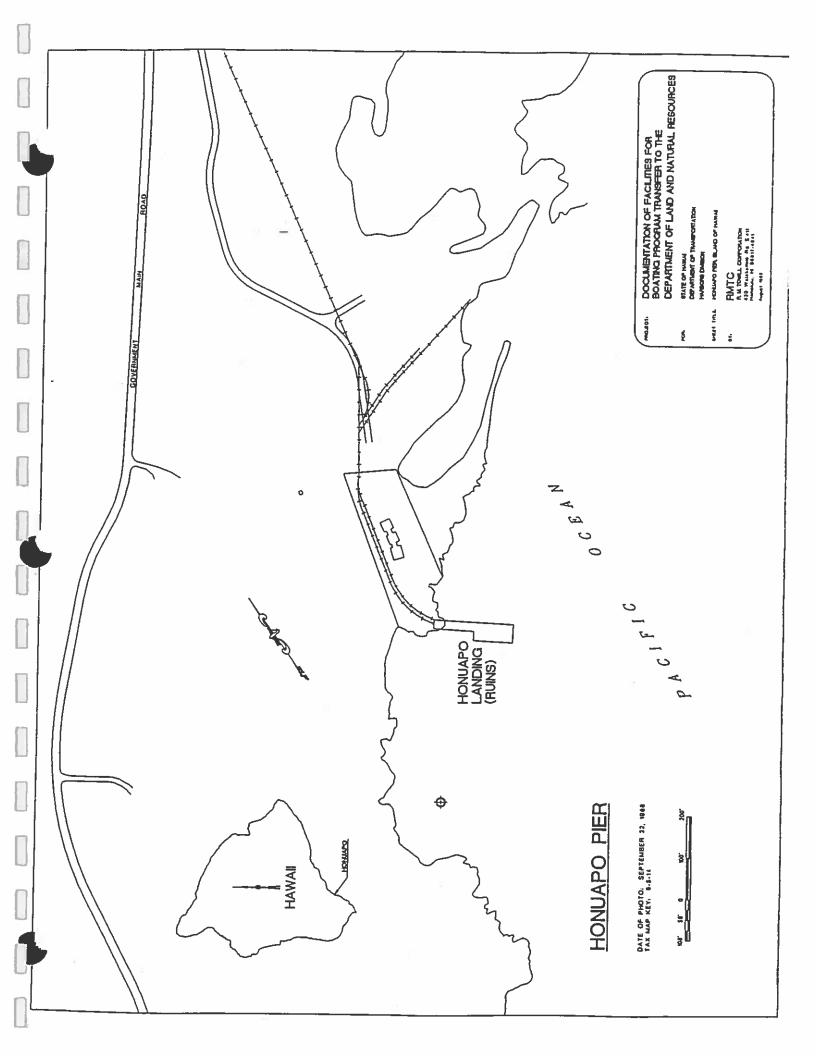
Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Jtilities
Parking Stalls
EO#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses
Future Plans

02 Honuapo Pier Hawaii 9-5-14:49 Honuapo is a small indentation 13 miles northeast of Ka Lae Point, on the southeast coast of Hawaii. The Honuapo pier is in ruins. There is also an aboandoned railway that used to service the pier from the nearby canefields. Territory 1910 \$13,482 in 1910 Freight and Steamship; Cane Transport Abandoned. Used in conjunction with nearby beach park 1910 Reported 1/3 owned by Hutchinson Sugar Co., Inter Island Steamship Co, and Territory of Hawaii. Present jurisdiction needs verification 1.212

(1)

EO# 1076, 6/28/44; Cancelled by EO# 1239, 3/19/48

None. County Park (E.O.# 1242)



Description

Authorization Construction Phases & Costs Why Built Current Use

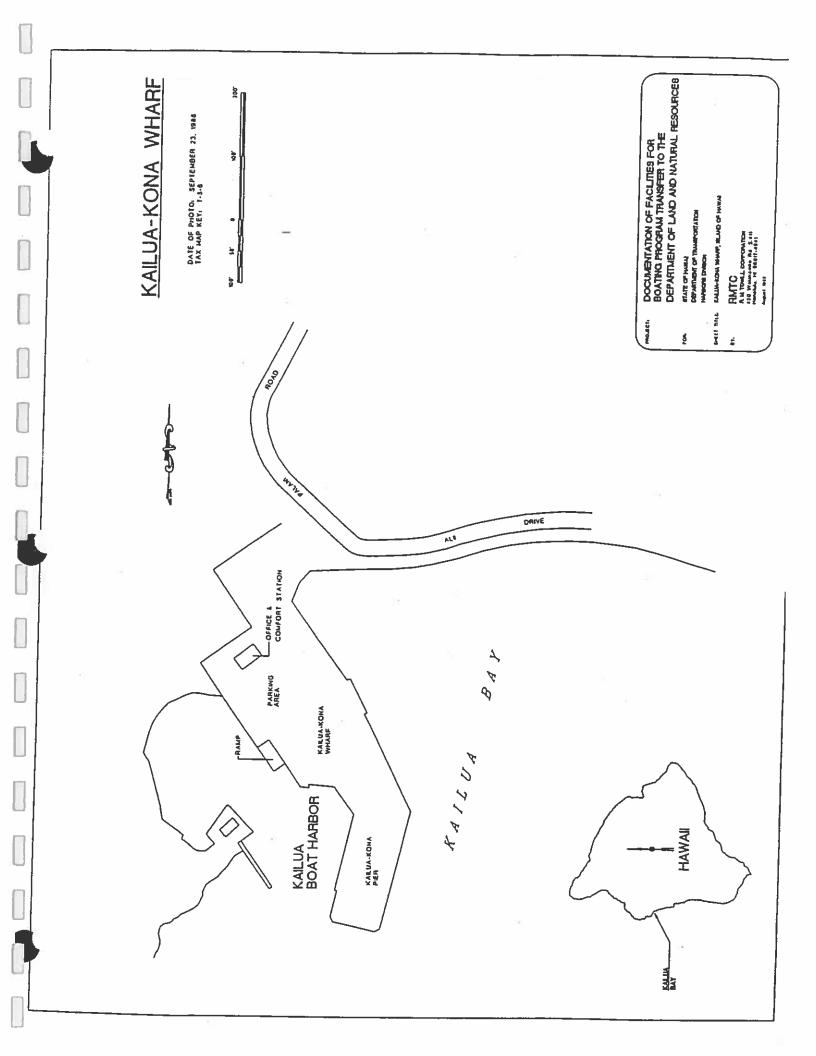
Jurisdiction

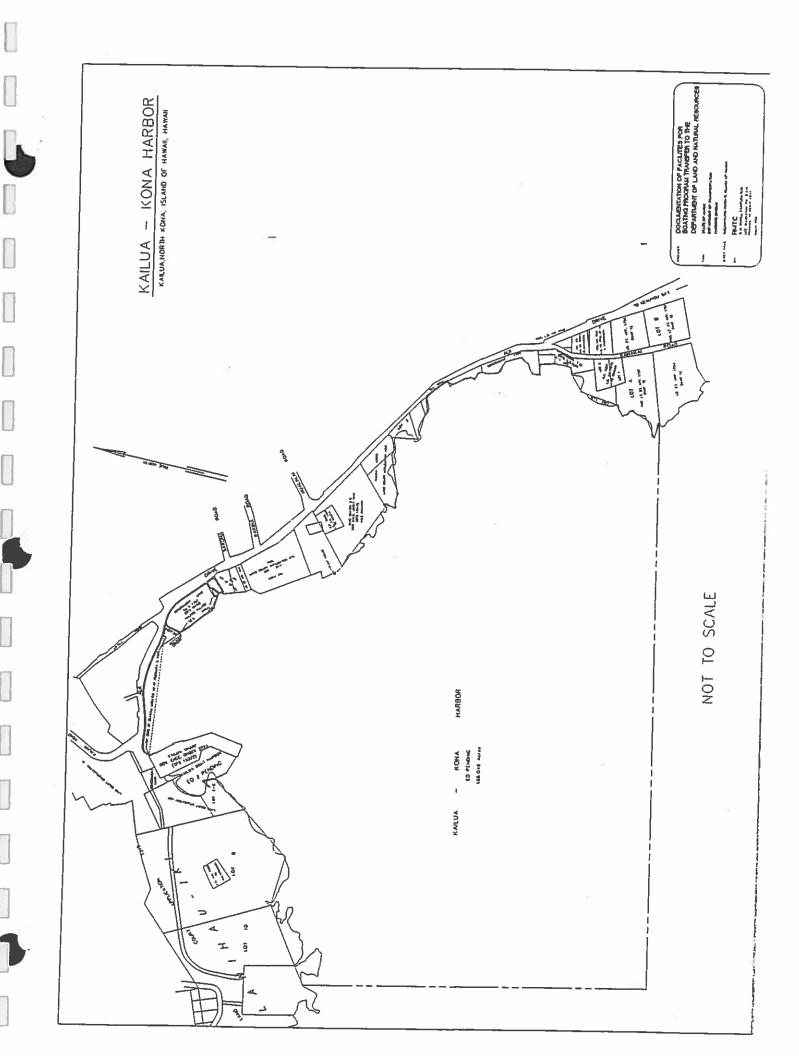
Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses

Future Plans

Kailua-Kona Small Boat Harbor Hawaii 7-5-06 Ka<u>ilua-Kona</u> is located on the west coast of Hawaii. This wharf is approximately 350 feet long. Facilities include a single lane, 16-foot wide launching ramp, Comfort Station, a fishing crane, and 11 berths. Anchor mooring is available in the large turning bay adjacent to the wharf. Parking is limited with only 7 designated parking stalls for cars and trailers. Territory 1915 Ramp, 1955; Barge Terminal Tour boats, charter fishing and dive boats; landing for passenger ships. State of Hawaii Department of Transportation, Harbors Division. 1.386 11 1 Comfort Station and Office 7 stalls in SBH area (including trailer) EO Pending None Hotels and commercial shops, Commercial Harbor (Kailua-Kona Wharf) Commercial Harbor area to be transferred to Boating Program. Construction of new Comfort

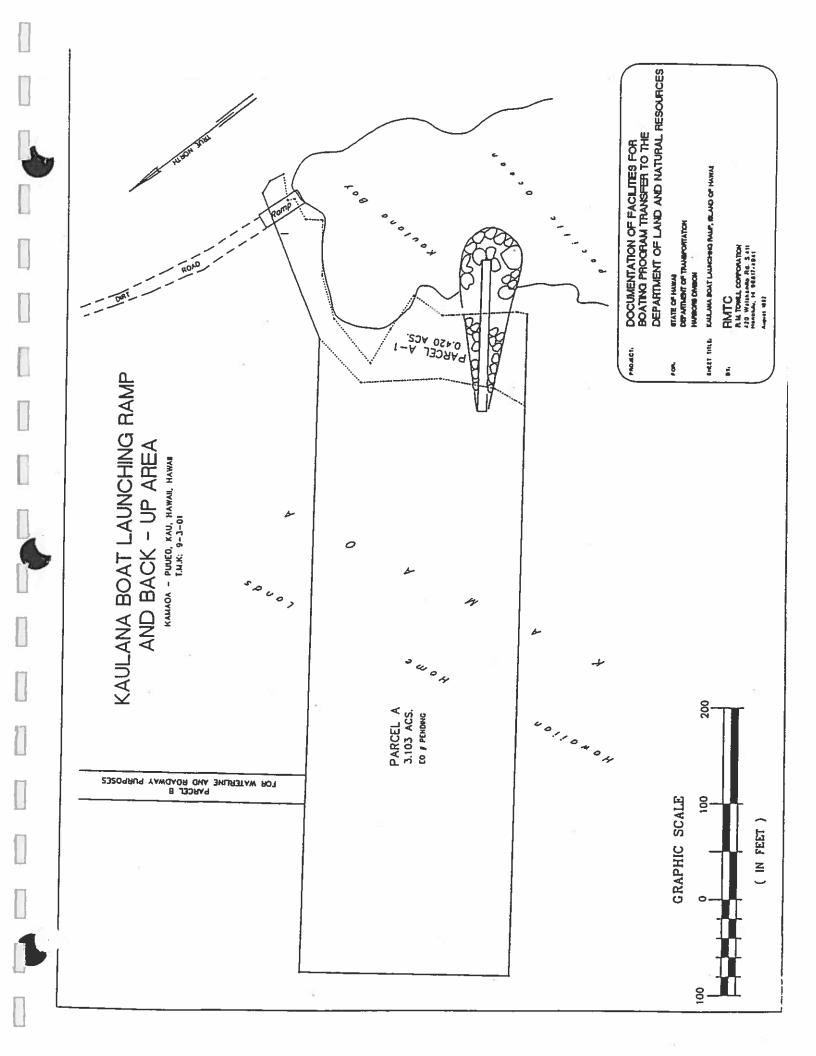
Station and Office





Number 04 Name Kaulana Ramp - South Point Island Hawaii TMK 9-3-01 Location Kaulana is located on the southern tip of the Island of Hawaii. Description The Kaulana Ramp is a 20-foot wide single-lane ramp, located in a small cove within Kaulana Bay. Unrestricted parking is available on adjacent open range land. Authorization Construction 1963 Phases & Costs Why Built Launch ramp Current Use Launching of local trailer boats; subsistence fishing boats. Jurisdiction Leased by Harbors Division Boating Branch from Dept.of Hawaiian Homelands. Acreage 4.5 Recreational Berths 0 Moorings 0 Ramps 1 Piers 0 Buildings 0 'Jtilities Parking Stalls Unrestricted, unimproved parking EO#, Statute, ROE Commercial Permits Leases Surrounding Uses Future Plans Joint Federal/State project for improvements

DOCUMENTATION OF FACTURES FOR BOATING PROGRAM TRANSPER TO THE DEPARTMENT OF LAND AND NATURAL RESOURCES KAULANA RAMP DATE OF PHOTO, SEPTEMBER 23, 1988 [AX MAP KEY: 9-3-1 STATE OF HARM DEPARTMENT OF TRANSPORTATION HANDON DANGOL EMILAM PARP, BLAND OF HAWA RMTC
A B TOWLL COPPORTION
110 WASHINGS NO. 3411
HOUSEL, IN BEST 4841
Appel 911 .00 2 Detail Trill ş KAULANA LAUNCHING RAMP KALLANA HAWAII



5

Number Name Island TMK Location

Description

Authorization Construction Phases & Costs Why Built Current Use Jurisdiction

Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses
Future Plans

05
Kauhako Landing (also known as Hookena)
Hawaii
8-6-11
Kauhako Bay is located approximately 34 miles
northeast of Ka Lae point, on the southwestern

shore of Hawaii.
Kauhako is a small wharf on the edge of Hookena
Park

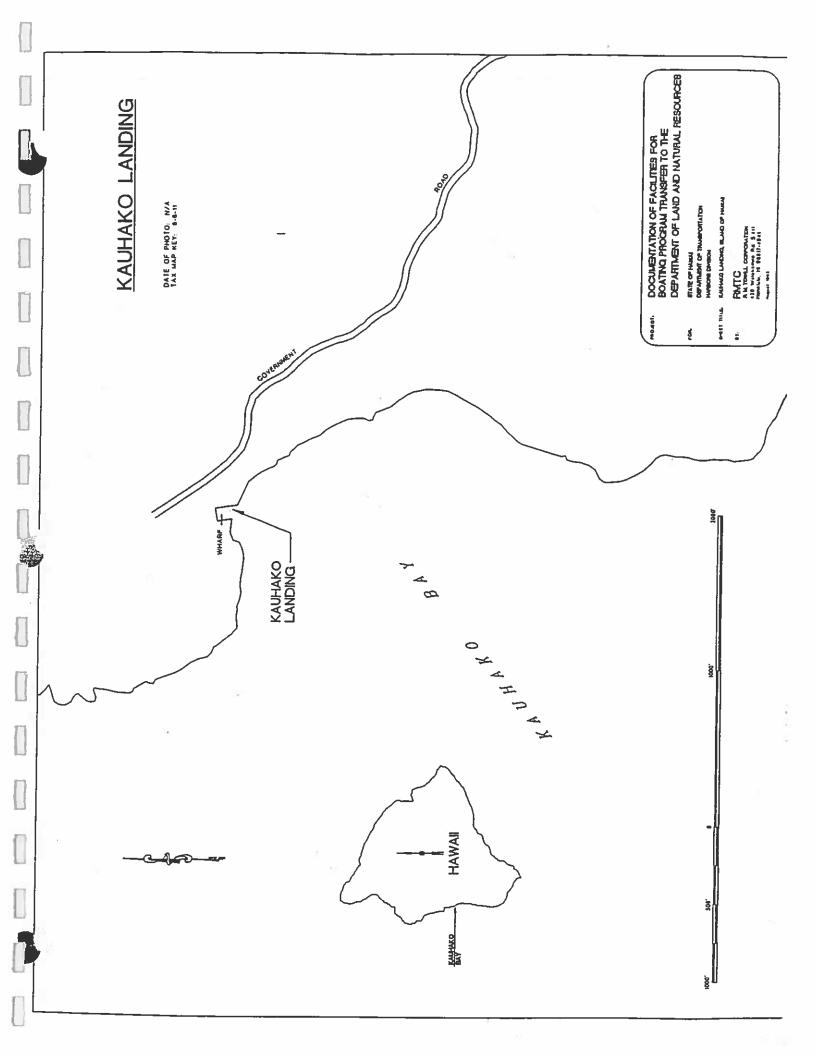
Private

Prior to 1898

Freight landing and agricultural transport Abandoned wharf 1905 reported Territory wharf; 1989 DOT search -County of Hawaii (8-6-13:20); More detailed research (incl. title search) required 0.05

0 1 0

County park facilities (E.O.# 1985)



DOT Boating Program Transfer to DLNR

1

August 1992

Number Name Island TMK Location

Description

Authorization Construction Phases & Costs Why Built

Current Use Jurisdiction

Acreage Recreational Berths Moorings Ramps iers Buildings Utilities Parking Stalls EO#, Statute, ROE

Commercial Permits Leases Surrounding Uses Future Plans

Kawaihae Small Boat Harbor Hawaii 6-1-03

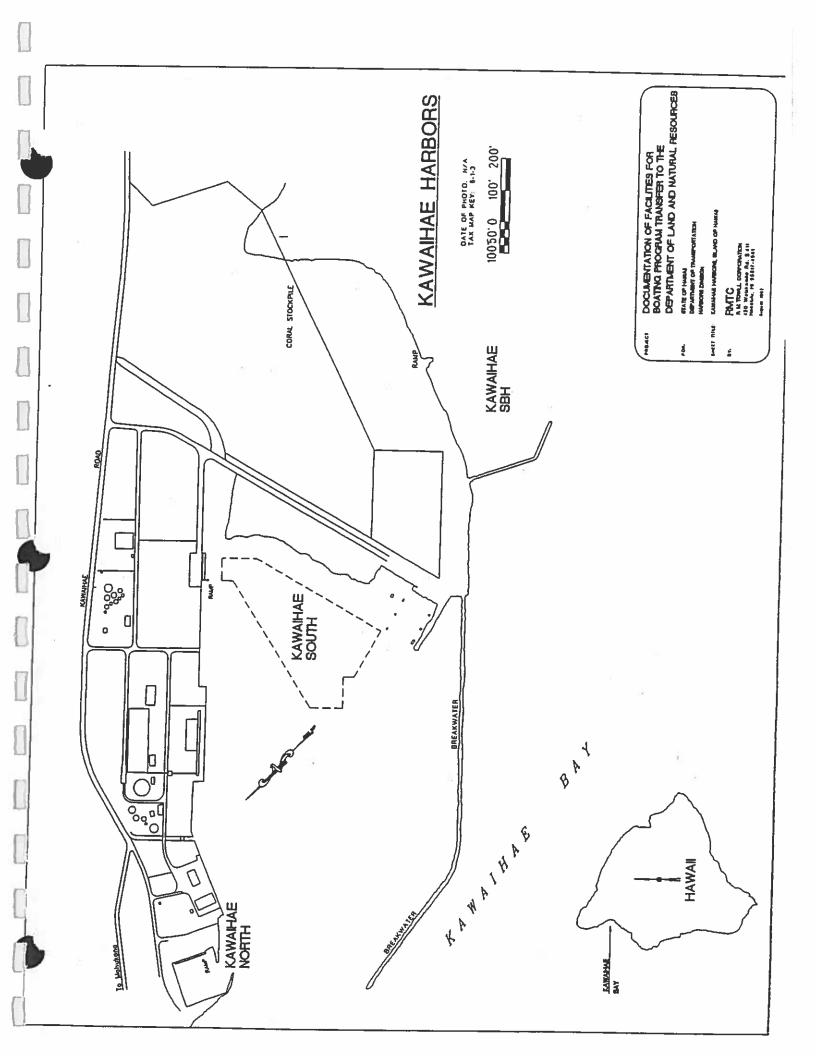
Kawaihae Harbor is located on the west coast of Hawaii, approximately 23 miles northeast of Keahole Point, and 33 miles from Kailua-Kona. Kawaihae SBH is located to the south of the main commercial harbor, which is currently planned for expansion. There are presently no slips, and only 8 moorings and a single-lane, 15-foot launching ramp available.

Congress, 1950; River and Harbor Act, 1965 December, 1970; Improvement, (Current);

To relocate small boat harbor away from commercial harbor. Recreational boats State of Hawaii Department of Transportation, Harbors Division. To be determined. 8

No paved parking E0# 1862 9/15/58; Portion of commercial harbor. New parcel needs definition.

Commercial Harbor and HHA lands.



Description

Authorization Construction Phases & Costs

Why Built

Current Use Jurisdiction

Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses
Future Plans

07 Kawaihae - North Hawaii 6-1-03 Kawaihae Harbor is located on the west coast of Hawaii, approximately 23 miles northeast of Keahole Point, and 33 miles from Kailua-Kona. Kawaihae SBH - North is located to the north, and within the commercial harbor. It provides 12 moorings and a single lane launching ramp. Congress, 1950 Completed, 1959 1956, Ramp 1957, Revetment 1958, Part B Mooring area (Built with commercial harbor), \$18,272, #1065 1959, Breakwater 1959, Repair due to storm damage (Built with commercial harbor), \$33,844, #1108 To separate small craft from commercial cargo vessels. The commercial harbor was originally a steamer landing. After construction, it was used as major transportation terminal for west Hawaii. Recreational and commercial fishing boats. State of Hawaii Department of Transportation, Harbors Division - Boating Branch.

0 12 (1)

Water
Unpaved parking
Portion of commercial harbor. Needs definition.
2

Description

Authorization Construction Phases & Costs

Why Built

Current Use

Jurisdiction

Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE

Commercial Permits Leases Surrounding Uses Future Plans Kawaihae - South Hawaii 6-1-03

Kawaihae Harbor is located on the west coast of Hawaii, approximately 23 miles northeast of Keahole Point, and 33 miles from Kailua-Kona. Kawaihae - South is a moorage area located to the south, and within the commercial harbor, in water too shallow for commercial boats. It provides moorage for approximately 44 vessels. Congress, 1950

1959

1950, Dredging 1956, Ramp

1957, Revetment 1959, Breakwater

The commercial harbor was originally a steamer landing. After construction, it was used as major transportation terminal for west Hawaii. Recreational and charter boats (Overflow

moorings)

State of Hawaii Department of Transportation, Harbors Division

4.720 (submerged lands)

0 40 0

0

20 unpaved spaces for car and trailers.
Portion of commercial harbor. Will be
discontinued as a small boat mooring area when
Kawaihae SBH is constructed.

Relocate small craft to new Kawaihae Small Boat Harbor; disestablish mooring area.



Description

Authorization Construction Phases & Costs

Why Built Current Use Jurisdiction

Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE

Commercial Permits Leases Surrounding Uses Future Plans Keauhou Small Boat Harbor
Hawaii
7-8-12: 55,8
Keauhou Bay is located on the west coast of
Hawaii, approximately 5 miles south of
Kailua-Kona. The bay is 300 yards wide and lies
between two lava flows.
This very well protected small boat harbor
includes slips and moorings for 19 vessels, a
double-lane, 30 foot wide launching ramp which
was donated to replace a former marina railway,
and a fishing hoist. The SBH was transfered to
the jurisdiction of the Department of
Transportation in 1978.

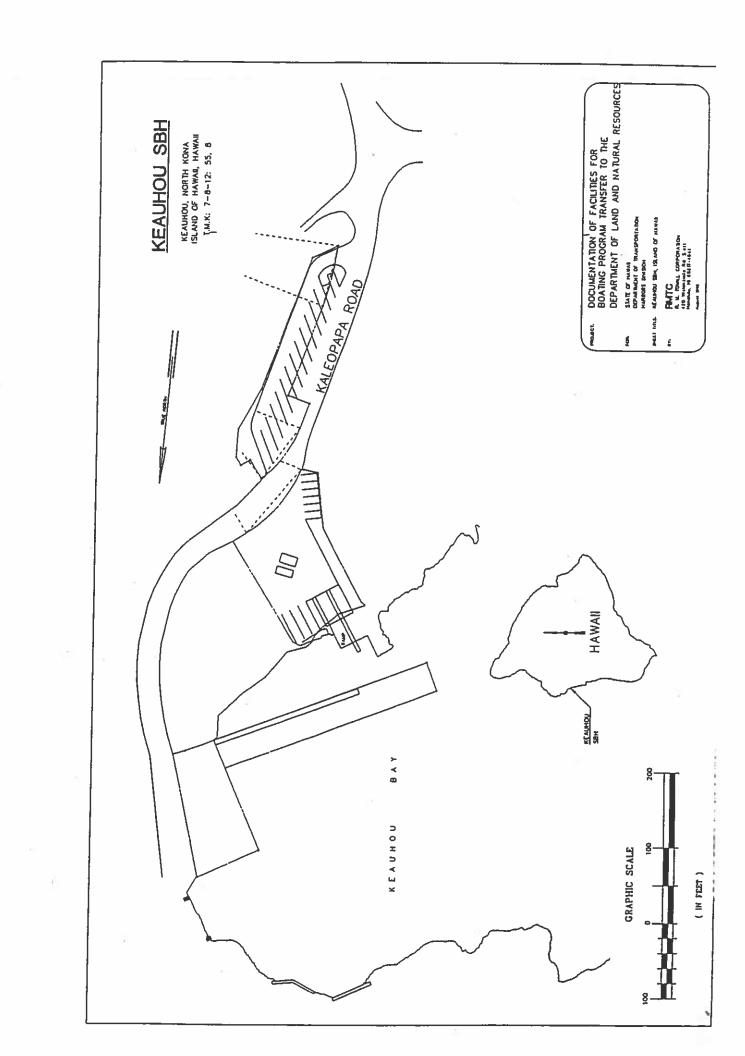
1950, Catwalk (Data incomplete), \$11,370, #848 1957, Ramp

Recreational and charter fishing and tour boats. State of Hawaii Department of Transportation, Harbors Division - Boating Branch. 0.879

4 15

2 1

Water (tank)
Paved parking area
EO# 1862, 9/15/58; EO# 2060, 6/8/62; EO# 2769,
6/10/75;





Description

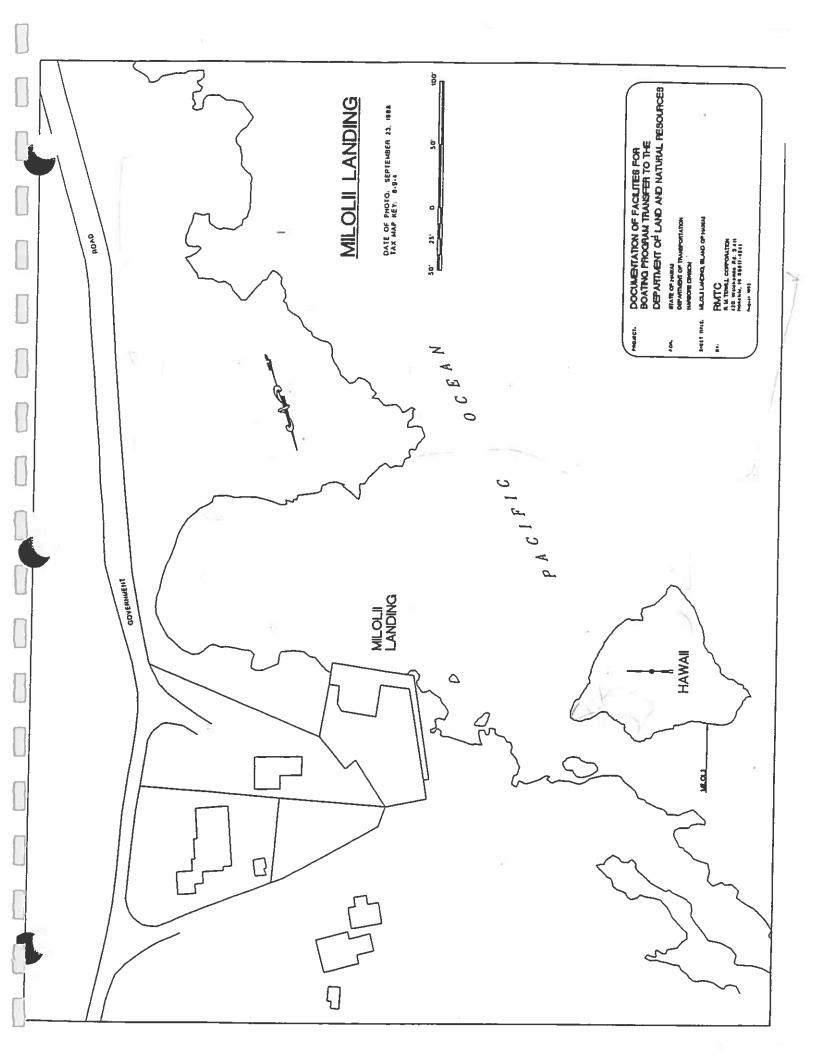
Authorization Construction Phases & Costs Why Built Current Use Jurisdiction

Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses
Future Plans

Milolii Landing
Hawaii
8-9-04:19
Milolii is located approximately 2 miles north of
Hanamo Point, on the southwest shore of Hawaii.
Milolii has a concrete boat landing. There is no
protected anchorage for larger vessels, however
small craft can anchor to permanent moorings
near the landing. A fish hoist was built in
1990.
Territory and Organic Act
Prior to 1898

Agricultural transport and freight landing. Small fishing vessel launching State of Hawaii Department of Transportation, Harbors Division - Boating Branch. 0.148

0 (1) 0 N/A N/A



Description

Authorization Construction Phases & Costs Why Built Current Use Jurisdiction

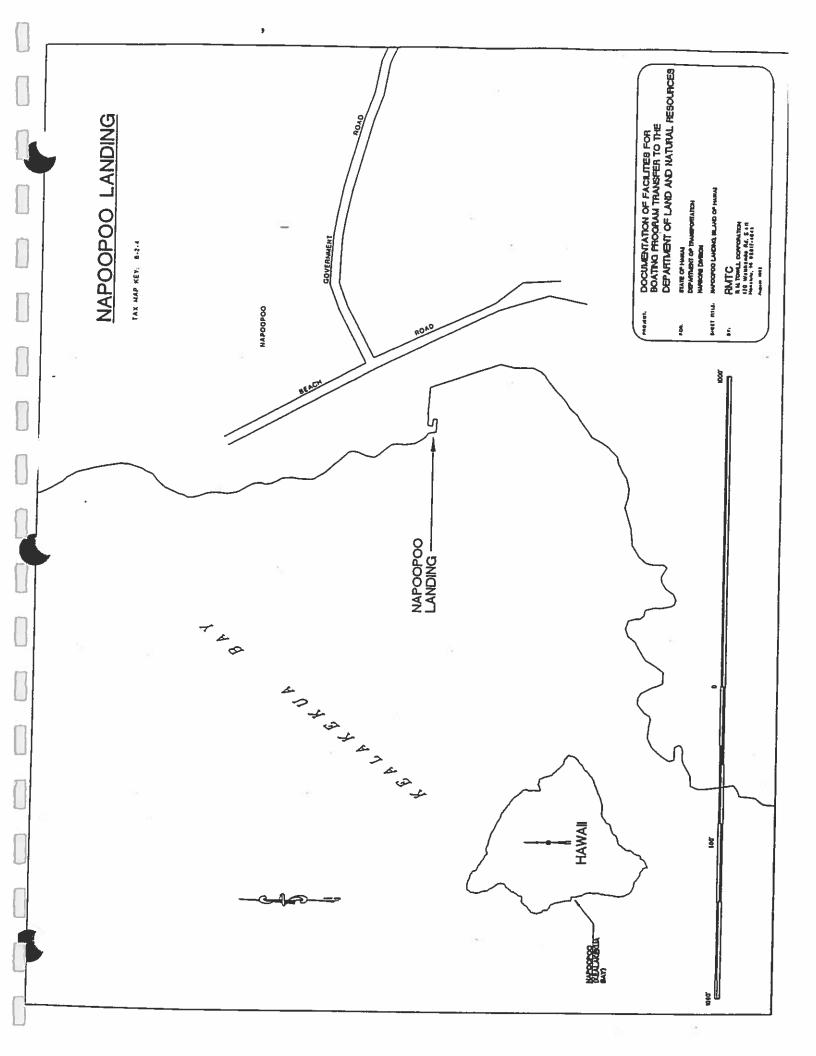
Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE

Commercial Permits Leases Surrounding Uses Future Plans

11 Napoopoo Landing Hawaii 8-2-04:15 Napoopoo is located approximately 40 miles northeast of Ka Lae Point on the southwest coast of Hawaii. The bay is approximately 2 miles in diameter. The bay is primarily significant for the Captain Cook Monument which is located on the north shore of the bay. The Napoopoo landing is adjacent to the village of Napoopoo, and has a depth of 4 feet. Private Prior to 1880 Freight landing and agricultural transport

Abandoned launch ramp
1905, reported 1/2 interest by Territory. 1910
listed among Government landings.
0.77
0
0
1 (Abandoned)
0
N/A
Undesignated
EO# 1031, 10/11/43; Cancelled by EO# 2515,

5/25/70



Description

Authorization Construction Phases & Costs Why Built Current Use Jurisdiction Acreage Recreational Berths Moorings Ramps Piers Buildings Utilities Parking Stalls EO#, Statute, ROE Commercial Permits Leases Surrounding Uses Future Plans

North Kohala Ramp (Planned)
Hawaii
5-7-03
North Kohala is located 10 miles north of
Kawaihae, and 6 miles west of Upolu Point on the
Island of Hawaii.
Department of Transportation and the Corps of
Engineers, are currently conducting a study to
determine the location and development of a
North Kohala Boating Ramp.

C. 1994

Not built as yet. Under Study by COE

Description

Authorization Construction Phases & Costs

Why Built Current Use Jurisdiction

Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
20#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses
Future Plans

13 Pohoiki Ramp Hawaii 1-3-08:14

Pohoiki is located in the Puna District, on the southeast point of the Island of Hawaii. The facility is adjacent to the Isaac Hale Beach Park, and includes a single-lane, 18-foot wide ramp, a breakwater and loading dock.

1961, Initial Construction, \$640,000, #1150 1979, New loading dock, \$44,400, #6103 Launch ramp Fishing Boats State of Hawaii Department of Transportation, Harbors Division - Boating Branch. 0.260

EO Pending

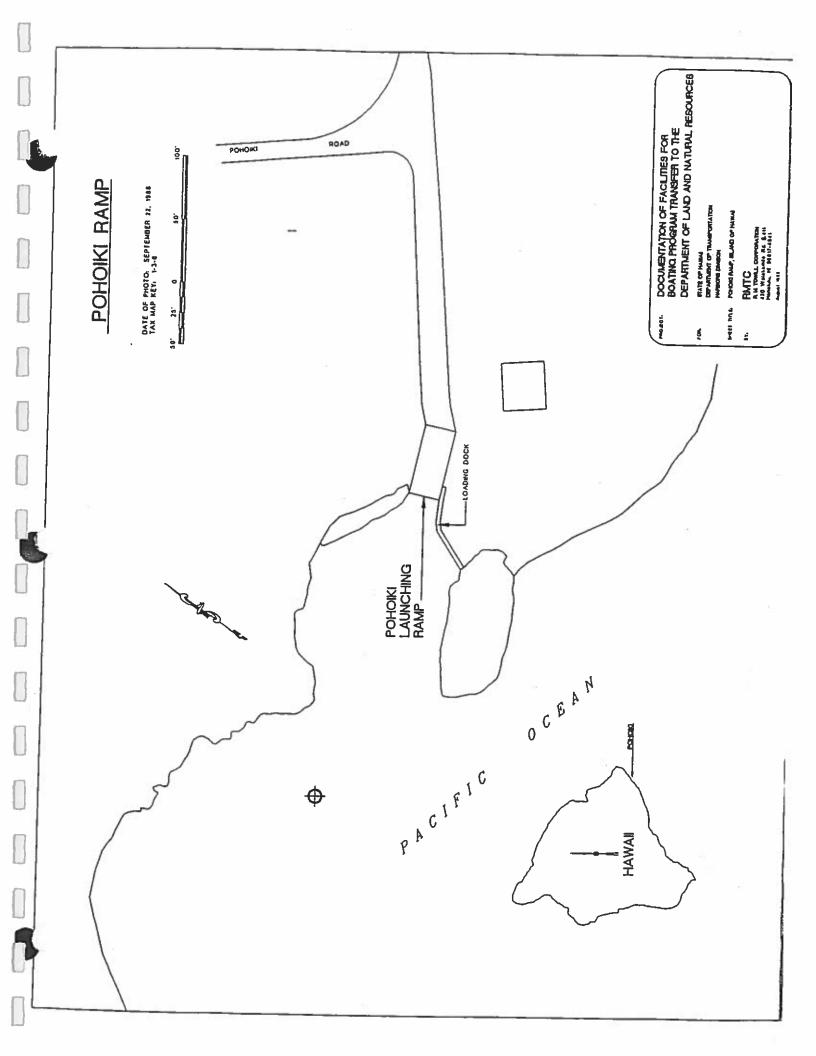
0

1

0

Within County park

Hawaii Agent. Sharon Chang



Description

Authorization Construction Phases & Costs Why Built Current Use

Jurisdiction

Acreage

Recreational Berths
Moorings
Ramps
Piers
Buildings
Jtilities
Parking Stalls
EO#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses
Future Plans

14 Puako Ramp Hawaii 6-9-02 Puako Launching Ramp is located on the west coast of Hawaii, approximately 21 miles northeast of Keahole Point, and 31 miles from Kailua-Kona. Access is from Highway S-19. This facility includes a 16-foot wide, single-lane launching ramp and loading dock. 1967 1963, Part A Initial Construction, \$11,250, #1236 Launch ramp Recreational, commercial and subsistence fishing boats. Hawaii State Department of Transportation, Harbors Division - Boating Branch 4.773 acs. (fast land) EO Pending 4.147 acs. (submerged) EO Pending 0 1 1 Water 15 (including trailers) & 2 washdowns. EO Pending

Description

Authorization

Construction Phases & Costs Why Built

Current Use Jurisdiction

Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses
Future Plans

15 Reed's Bay Hawaii 2-1-06

Reed's Bay is located between Radio Bay boat harbor and the Wailoa Sampan Basin in Hilo Bay. Reed's Bay is an inlet winding between the coral and lava reef on the southwest side of Kuhio Bay. The harbor is an open bay consisting of 32 moorings and no docks or piers. Adjoining the facility is a county park with restrooms, showers and water.

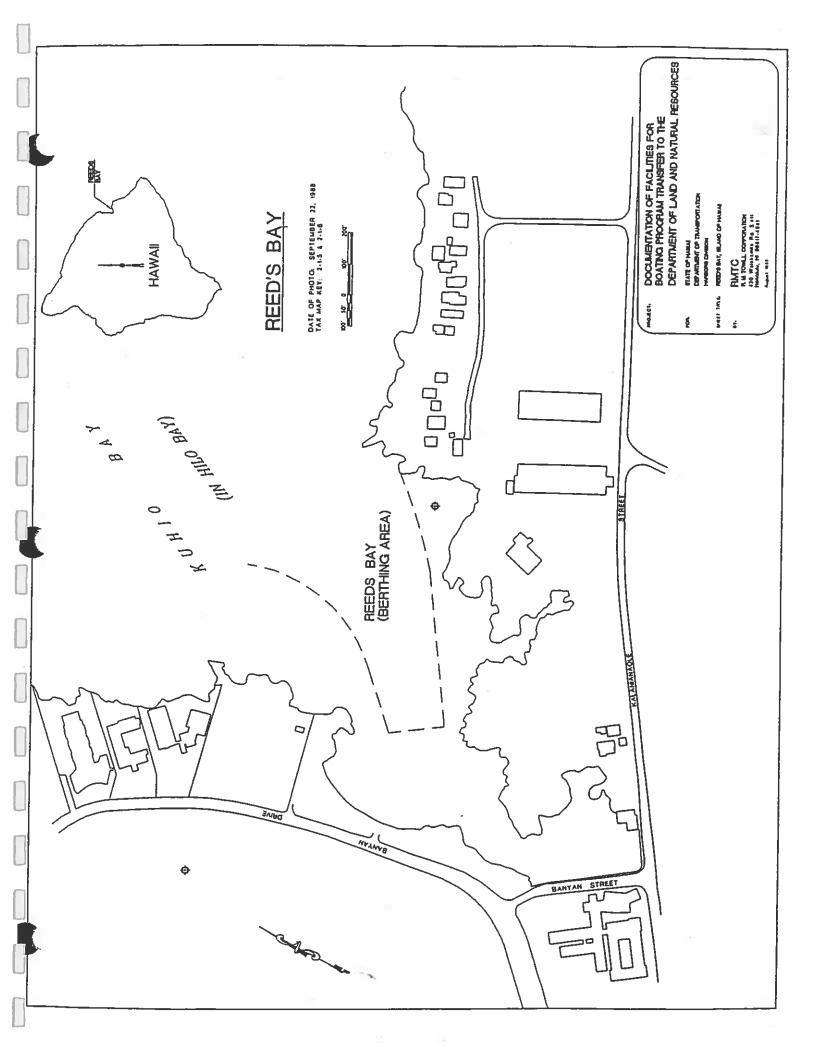
Improvements have been authorized by the River and Harbors Act, 1965.

Recreational Boating in association with county park.
Recreational boats

State of Hawaii Department of Transportation, Harbors Division - Boating Branch.

7.5 0 32 0 0 N/A N/A N/A

DLNR Park facility



Description

Authorization Construction Phases & Costs

Why Built

Current Use Jurisdiction

Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE

0

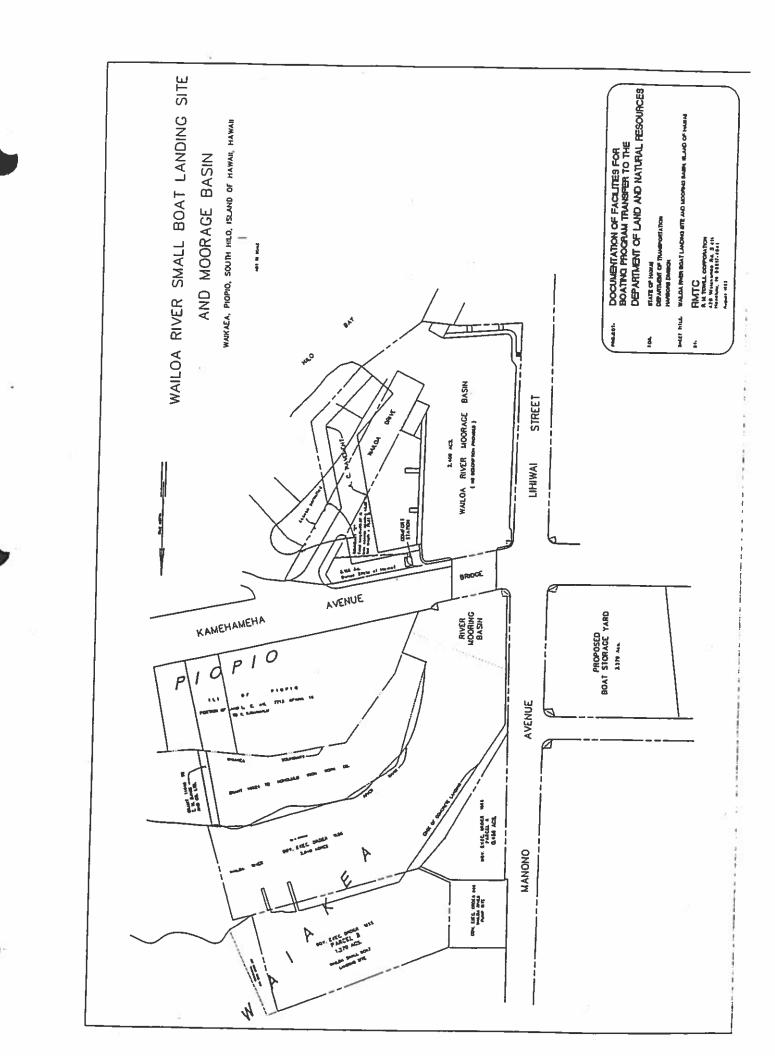
Commercial Permits Leases Surrounding Uses Future Plans Wailoa Sampan Basin and Small Boat Harbor Hawaii 2-1-03, 2-2-31
Wailoa Sampan Basin is located to the south of the Wailoa River mouth, within Hilo Bay.
The facilities consist of a total 55 dock side moorings, and a two lane launch ramp.

1946; Initial dredging (Data incomplete), \$8795, #743 1952, Dredging (Data incomplete), \$24,153, #873 1963, Sampan harbor (Data incomplete), \$159,035, #1223 1976, Replacement of loading dock (Data incomplete), \$21,440, #6060 Mooring of commercial and recreational fishing boats. Commercial and recreational fishing Boats State of Hawaii Department of Transportation, Harbors Division - Boating Branch. 0.408 (Sampan Basin) & 4.566 (SBH). 55 02

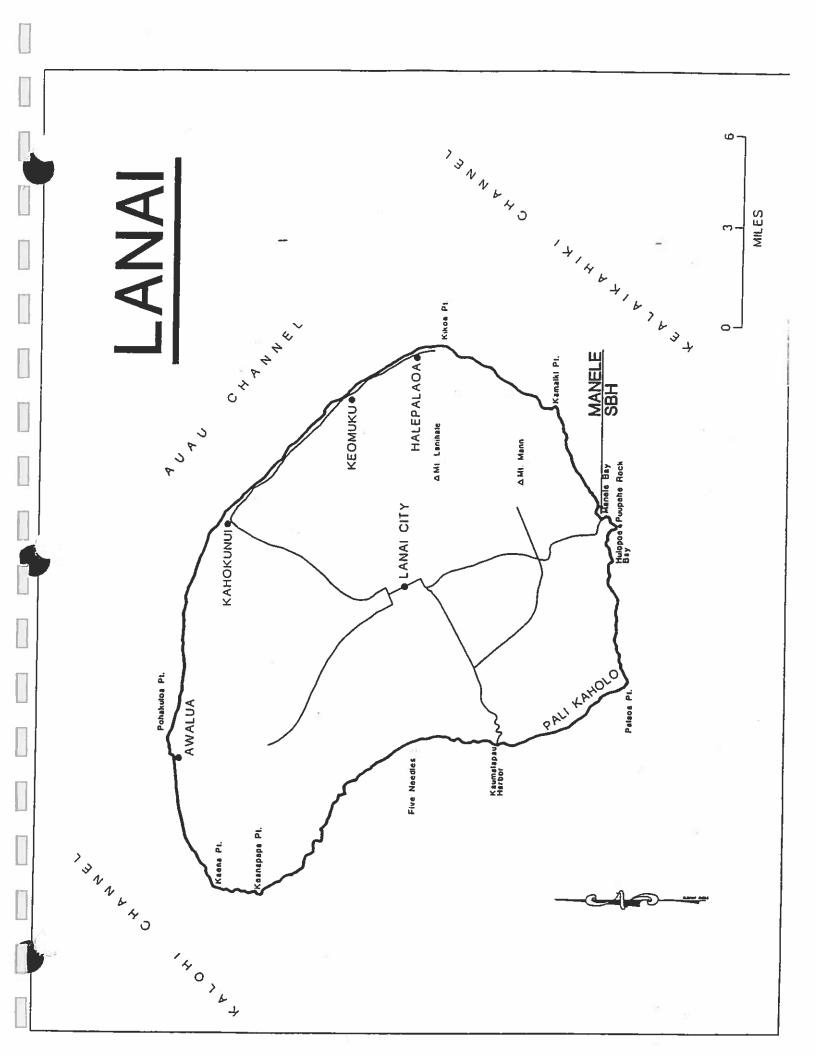
62 (including 21 for trailers)
EO# 0111, 10/8/21; Cancelled by EO# 0844,
4/18/39; EO# 1163, 6/25/46; Cancelled by
EO# 2259, 2/4/66; EO Pending

Commercial and industrial uses.

DOCUMENTATION OF FACILITIES FOR BOATING PROCHAM TRANSFER TO THE DEPARTMENT OF LAND AND NATURAL RESOURCES WAILOA SBH & SAMPAN BASIN DATE OF PHOTO: MAY 21, 1988 TAX MAP KEY: 2-1-3, 2-2-31 MALOA BEST + BALPAN BARRI BANG OF HARA BTATE OF HARLA DEFAITLBHE OF TRANSPORTATION HAVEORE OVERSA RMTC NR DWL COPPOSED 130 WANTED R. 3 111 PRESE, H 91511-1911 frant 811 well his. Ф 9 É RIVER AVENUE F07174 7 BA KAMEHAMEMA WAILOA SMALL BOAT HARBOR 0714 WAILOA SAMPAN 0 Ф STREET TEST OHOHAM IMIMY HAWAII



ISLAND OF LANAI



EO#, Statute, ROE

Surrounding Uses

Future Plans

Leases

Commercial Permits

Number Name Manele Bay Small Boat Harbor Island Lanai TMK 4-9-17:06 Location Manele SBH is the State's only recreational boat harbor on the Island of Lanai. It is located on the south coast of Lanai, 8 miles from the coast of Maui. Description This bay consists of 28 recreational berths, protected by a single breakwater. Authorization Congress Construction Completed, 1965 Phases & Costs 1962, Initial Construction, \$128,753, #1138 1969, Phase II Harbor improvements, \$172,000, #1264 1971, Dredging channel & Construct silt basin, \$301,000, #40001 1986, Various improvements, \$374,733, #4082 Why Built Recreational boating facilities Current Use Recreational and commercial mooring. Jurisdiction State of Hawaii Department of Transportation, Harbors Division - Boating Branch. Acreage 12.525 Recreational Berths 28 Moorings 0 Ramps 1 Piers Buildings Comfort Station, Harbor Agent's office Utilities Parking Stalls Unpaved parking

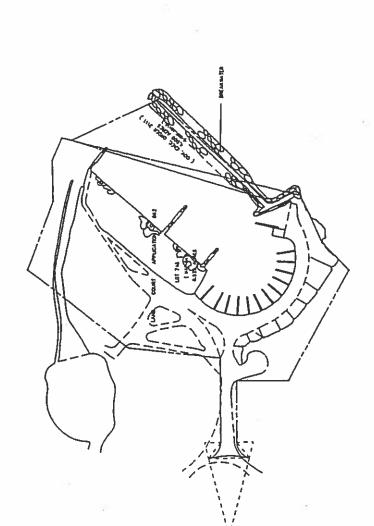
EO# 2141, 06/02/64; EO# 3111, 12/31/81

Resort and open space

MANELE SMALL BOAT HARBOR

PALABU AND BAMAD, CANA, TANKS

14K: 0-1-17 (



DOCUMENTATION OF FACILITIES FOR BOATING PROGRAM TRANSFER TO THE DEPARTMENT OF LAND AND NATURAL RESOURCES

STATE OF HAWAI DEPARTMENT OF TRANSPORTATION HARBORS DIVISION

ş

NOT TO SCALE

MANGLE SON, 19, AND OF LANA pett ung

RMTC
R. W. TOWL COPPORATION
120 WASHENN R. B. J.11
massley, m 88417-1541

ISLAND OF MAUI

HANA RAMP & WHARF MAUI O MILES 5 okautus Pt. KEANAE HANA Wallus Bay KIPAHULU . A Halbakala Crater Kallo Pt. lonokata Pt. MALIKO • MAKAWAO Paumale Pl KULA PAIA PUKALANI KAHULUI RAMP KIHEI La Perouse Bay Caps Kinau Kahakutos Bay Service . Pus Kukuia WAILUKU **◆**OLOWALU NAMP NAMP KIHEI QUAY KAHOOLAWE (MAALAEA SBH -AHAINA HOHIII Pt. Lipos Pr. Napili Bay OLOWALU JETTY Honokawal Pt. LAHAINA SBH & ROADSTEAD MALA RAMP & WHARF KAANAPALI RUPU

DOT Boating Program Transfer to DLNR

0

August 1992

Number Name Island TMK Location

Description

Authorization Construction Phases & Costs

Why Built Current Use Jurisdiction

Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses
Future Plans

Hana Boat Ramp
Maui
1-4-04:36
Hana Bay is located at the easterly end of Maui,
between Kauiki Head and Nanualele Point. It is
59 miles from Wailuku. Ramp located at foot of
Hana Wharf
The bay is 0.4 miles in diameter, and open to the
east.

1975, Boat launching ramp, \$91,750, #4007
1989, Construction of loading dock, \$155,586,
#4120
Boat launching
Launching of commercial and recreational boats
Hawaii State Department of Transportation,
Harbors Division - Boating Branch
0.138
0
10
1

Undesignated; 10 cars and trailers. EO# 2850, 7/13/77

Description

Authorization Construction Phases & Costs Why Built Current Use

Jurisdiction

Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses
Future Plans

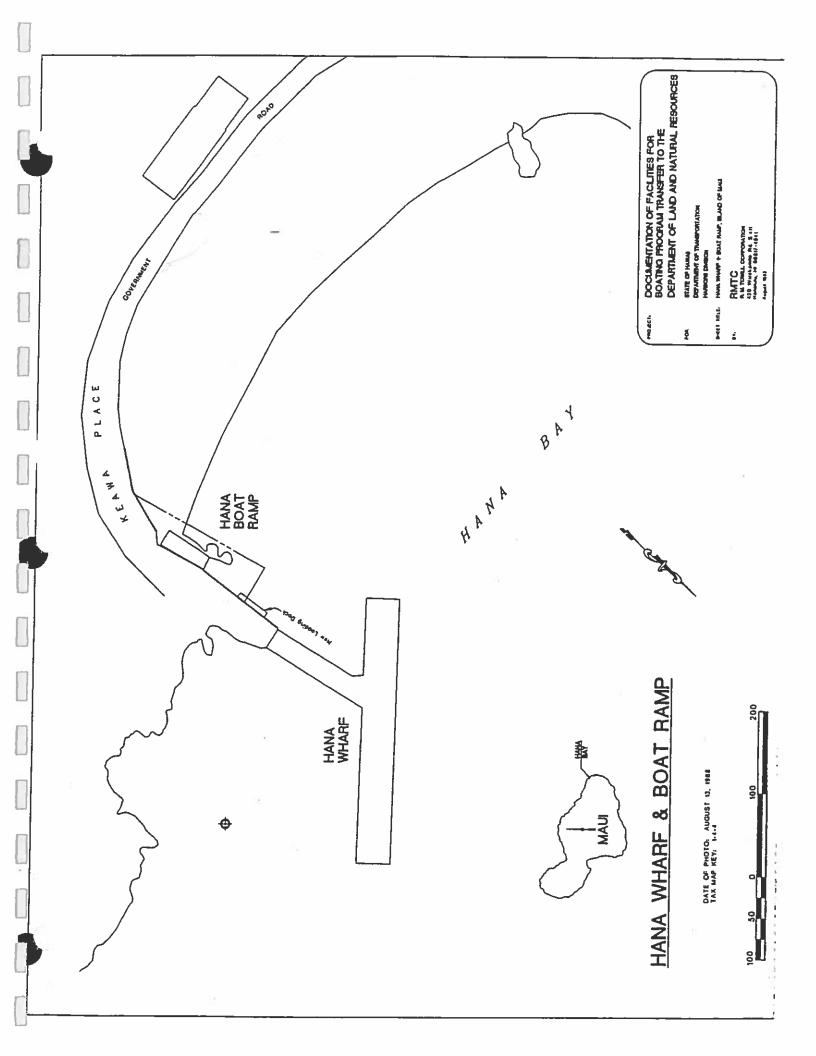
Hana Wharf
Maui
1-4-04:1 (por.)
Hana Bay is located at the easterly end of Maui,
between Kauiki Head and Nanualele Point. It is
59 miles from Wailuku.
The bay is 0.4 miles in diameter, and open to the
east. The wharf is located in the southeasterly
portion of the bay. The Wharf is used for
loading and unloading of fish & supplies

Prior to 1881

0

1

Freight landing
Temporary mooring of recreational and commercial
fishing boats
State of Hawaii Department of Transportation,
Harbors Division - Boating Branch. (reference
from 1938)
Unspecified
0
0



Description

Authorization Construction Phases & Costs Why Built

Current Use Jurisdiction

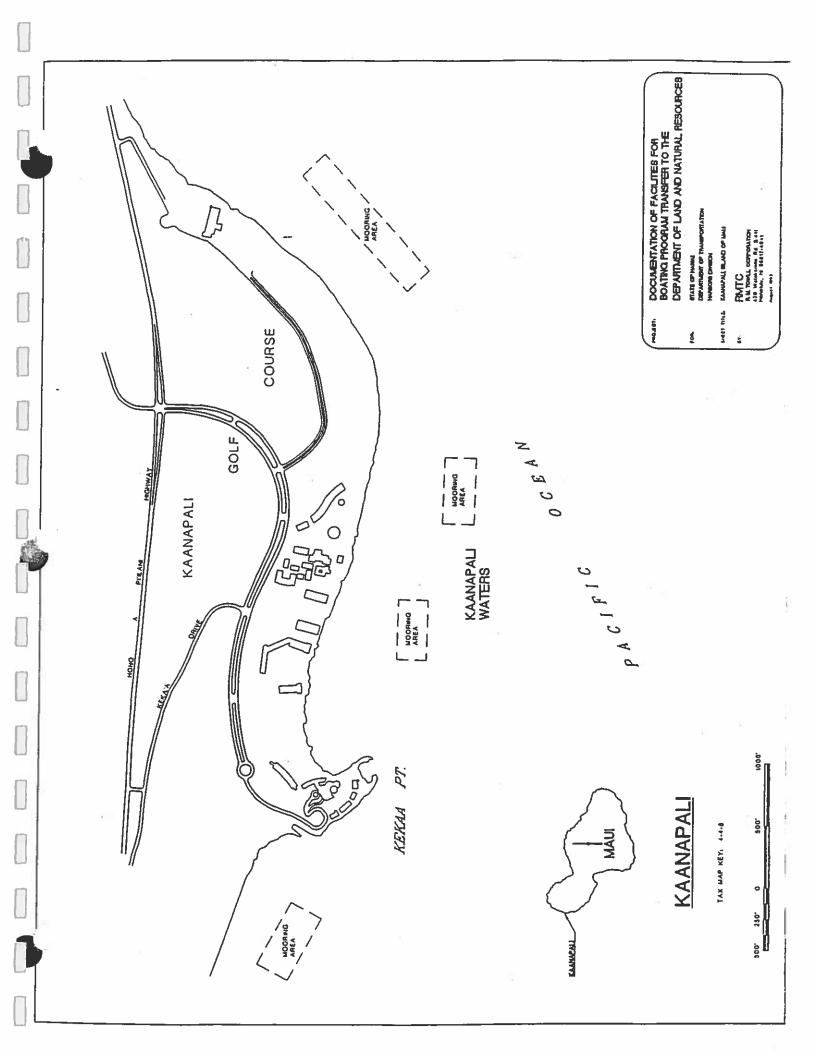
Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses
Future Plans

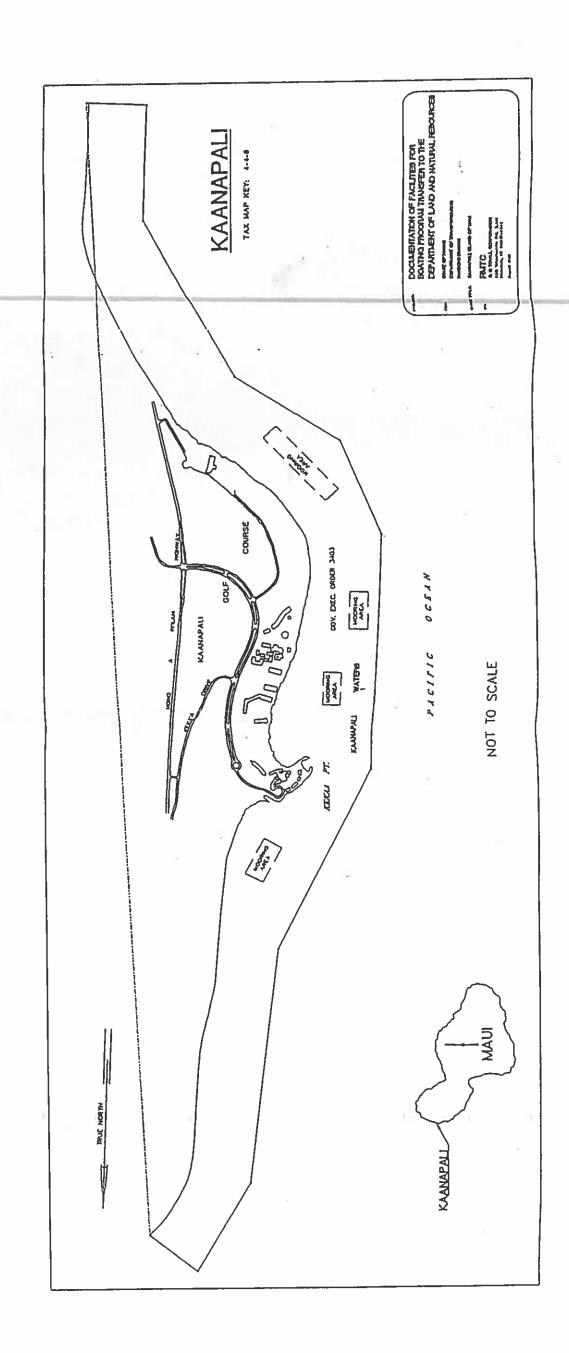
Kaanapali
Maui
4-4-01,6,8 & 4-5-14
Kaanapali is located on the west coast of Maui,
approximatley 4 miles north of Lahaina.
The area is primarily submerged land, used for
ocean recreation activities servicing the
Kaanapali resort area and includes a mooring
area for private and commercial vessels.

N/A

Designated as a recreational and commercial charter boat mooring area.
Recreational and commercial boating
State of Hawaii Department of Transportation,
Harbors Division - Boating Branch.
589
0
Undesignated mooring
0
0
N/A
N/A
N/A
EO# 3403, 11/15/88;

Resort hotels





Description

Authorization Construction Phases & Costs Why Built Current Use

Jurisdiction

Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses
Future Plans

22 Kahului Boat Ramp Maui 3-7-01

Kahului Harbor is located on the south side of Kahului Bay, on the north shore of Maui. The boat ramp is located near the west breakwater of the harbor. The access channel to the ramp is unmarked and hazardous due to nearby coral heads. The harbor is the primary commercial port for Maui.

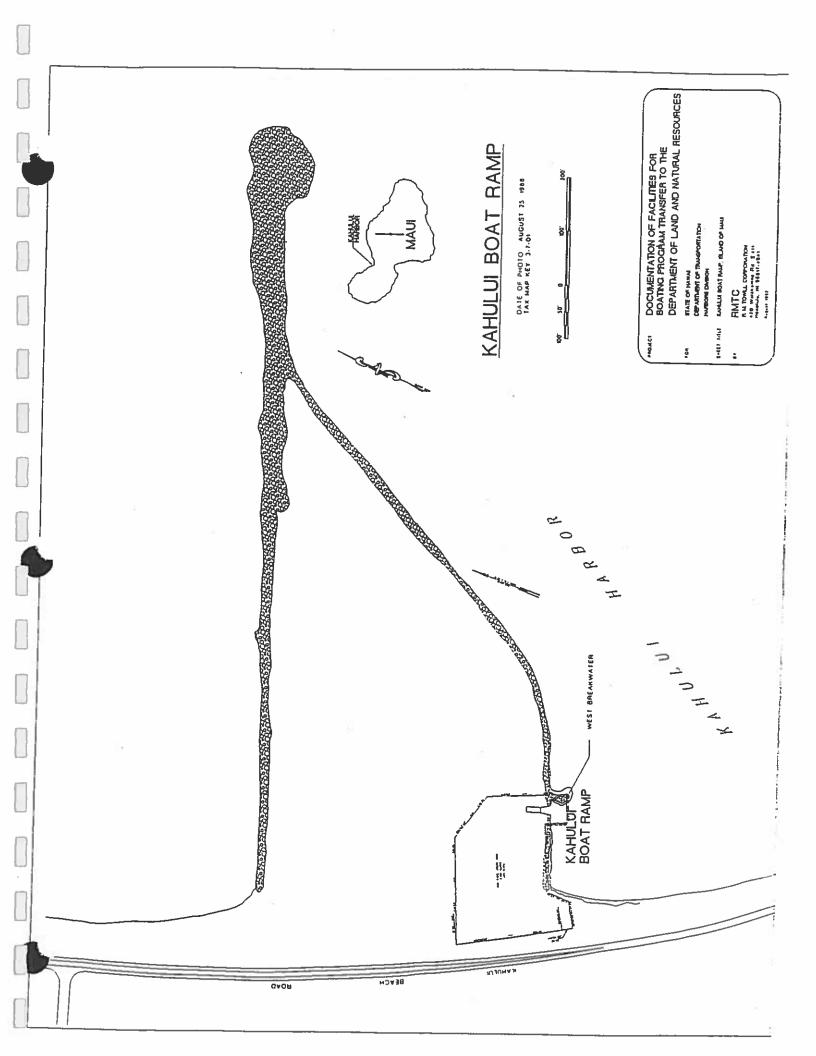
Data not available
Private boat launching
Launching of small trailer boats for recreational
and commercial fishing.
Hawaii State Department of Transportation,
Harbors Division - Boating Branch.
2.451
0
0

Unpaved parking EO# 3066, 7/29/81;

1

0

Commercial and Industrial area. Expansion under joint Federal/State project.



Description

Authorization Construction Phases & Costs Why Built Current Use Jurisdiction

Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses
Future Plans

Keanae Ramp Maui 1-1-03

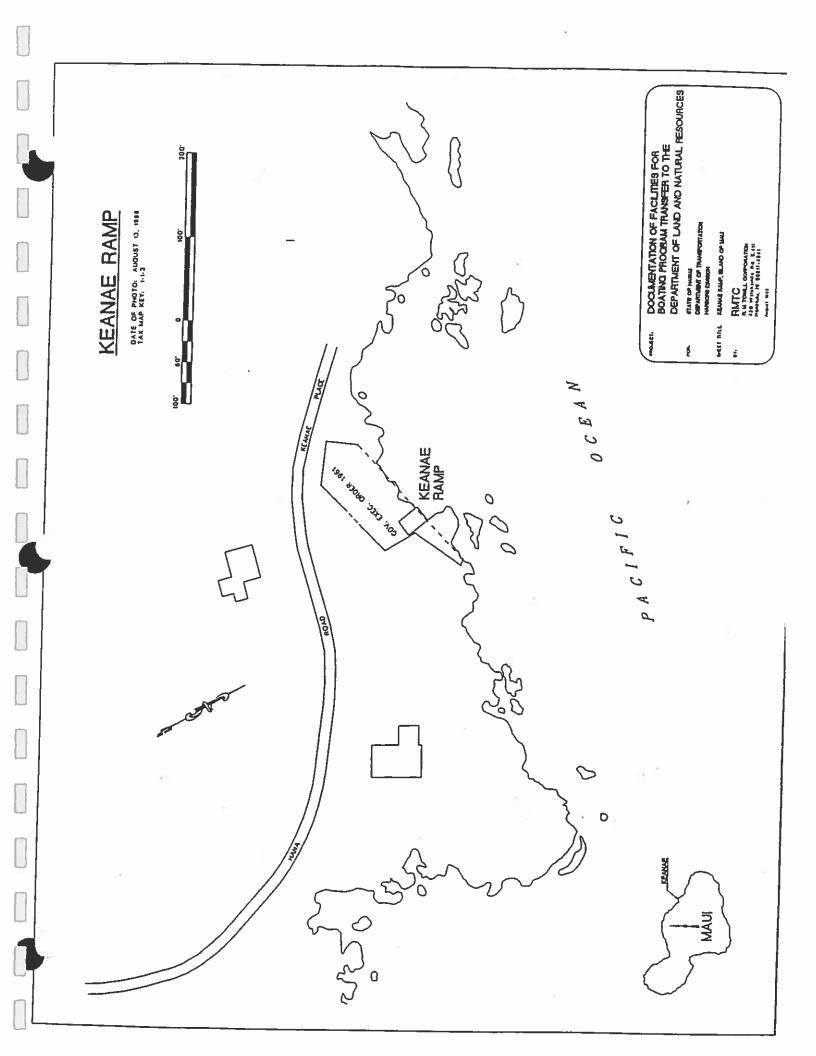
Keanae Ramp is located on the north shore of Maui, approximately 33 miles east from Kahului, and 2 miles northwest of Hana.
The Ramp is mainly used for local fishing operations, and consists of a 12 foot paved landing area on the west edge of the Keanae peninsula.

1961

Fishing boat launching
Local fishing boats & canoe landing.
Department of Transportation,
Harbors Division - Boating Branch
0.21

Unimproved parking EO# 1961, 7/25/61

Park and residential



Description

Authorization Construction Phases & Costs Why Built Current Use

Jurisdiction

Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses
Future Plans

24
Kihei Boat Ramp
Maui
3-9-04
Kihei Boat Ramp is located in South Kihei, close
to the Makena subdivision, on the south shore of

Maui.
The ramp is 35 feet wide. Parking is available for cars and trailers.

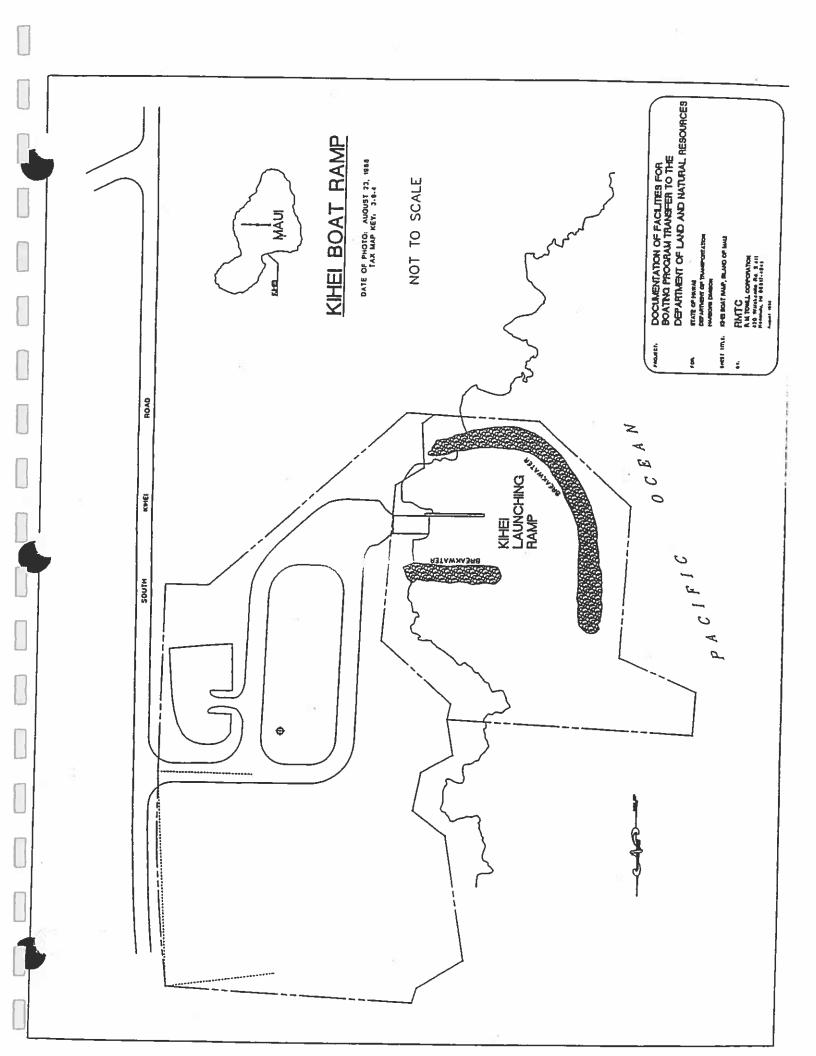
1983, Boat launching facilities, \$982,000, #4053 Launching of fishing boats Launching of commercial and recreational trailer boats.

Hawaii State Department of Transportation, Harbors Division - Boating Branch

11.504

Water Unpaved parking EO# 3362, 5/14/89 20

Hotel and resorts, condominiums, beach park Paving of trailer and auto parking area, comfort station



Description Authorization Construction Phases & Costs Why Built Current Use Jurisdiction

Acreage Recreational Berths Moorings Ramps Piers Buildings Utilities Parking Stalls EO#, Statute, ROE Commercial Permits Leases Surrounding Uses Future Plans

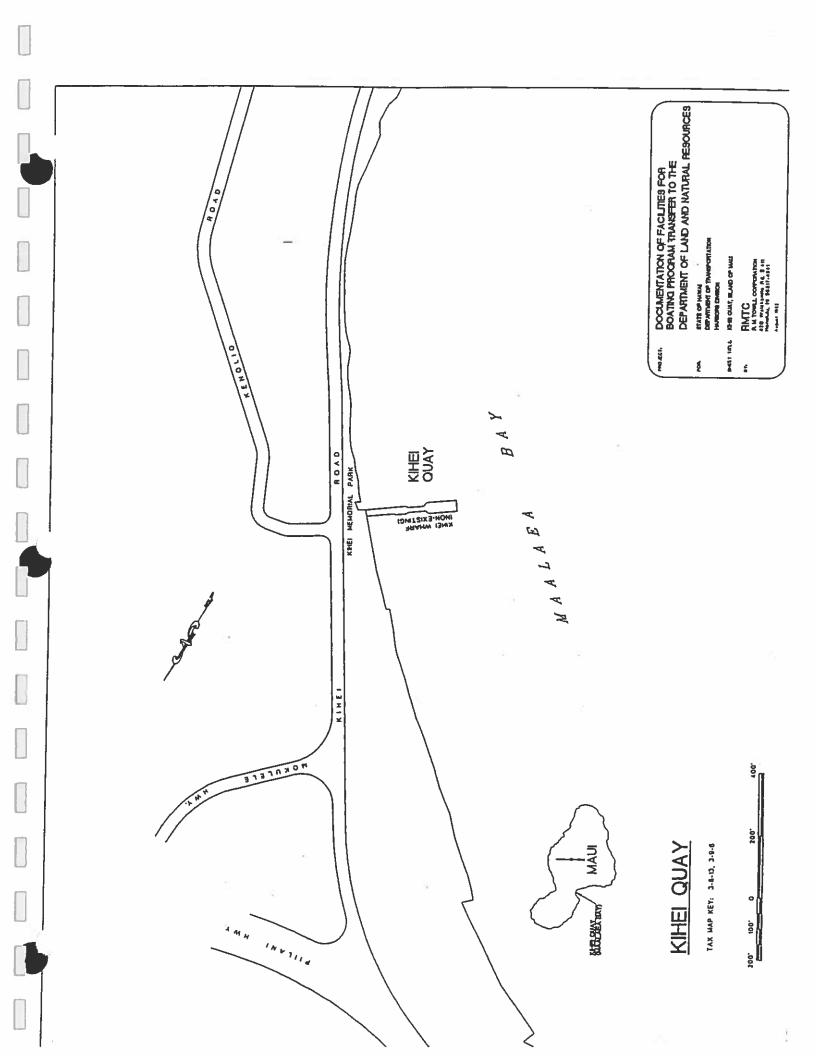
25 Kihei Quay Maui 3-8-13 Kihei quay is located at the north end of Kihei, close to the intersection of the Mokulele Highway and the South Kihei Road. The Kihei Quay is an abandoned facility

Prior to 1898

Organic Act

Steamer mooring and agricultural transport. Abandoned. In 1904 and 1905 reported as Private; However in 1898 reported as annexed to Territory. 0.5 acres 0 0 0 (1)0 None Undesignated roadside parking

Residential and agriculture



Description

Authorization Construction Phases & Costs Why Built

Current Use

Jurisdiction

Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses
Future Plans

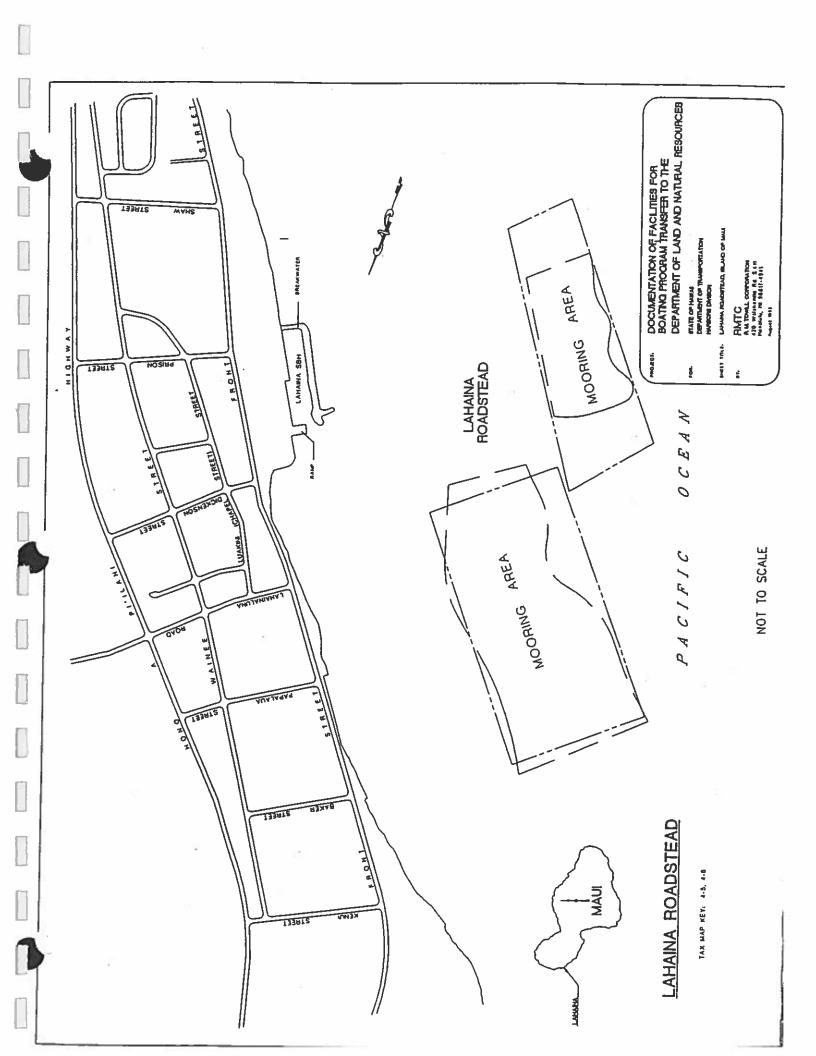
Lahaina Roadstead
Maui
4-6-01
Lahaina Roadstead is located near the town of
Lahaina on the northwest coast of Maui.
The Lahaina Roadstead is primarily an anchorage.
There is also an old 14-foot wide launching
ramp, which is closed, except for emergencies.
None
N/A

Used for anchoring of whaling and commercial boats
Overflow mooring for Lahaina Boat Harbor.
Commercial and recreational vessels.
State of Hawaii Department of Transportation,
Harbors Division - Boating Branch.
98.361
0
Undesignated mooring
(1)
0
N/A

N/A EO# 3385, 7/15/88

N/A

Commercial and historic district



Description

Authorization Construction Phases & Costs

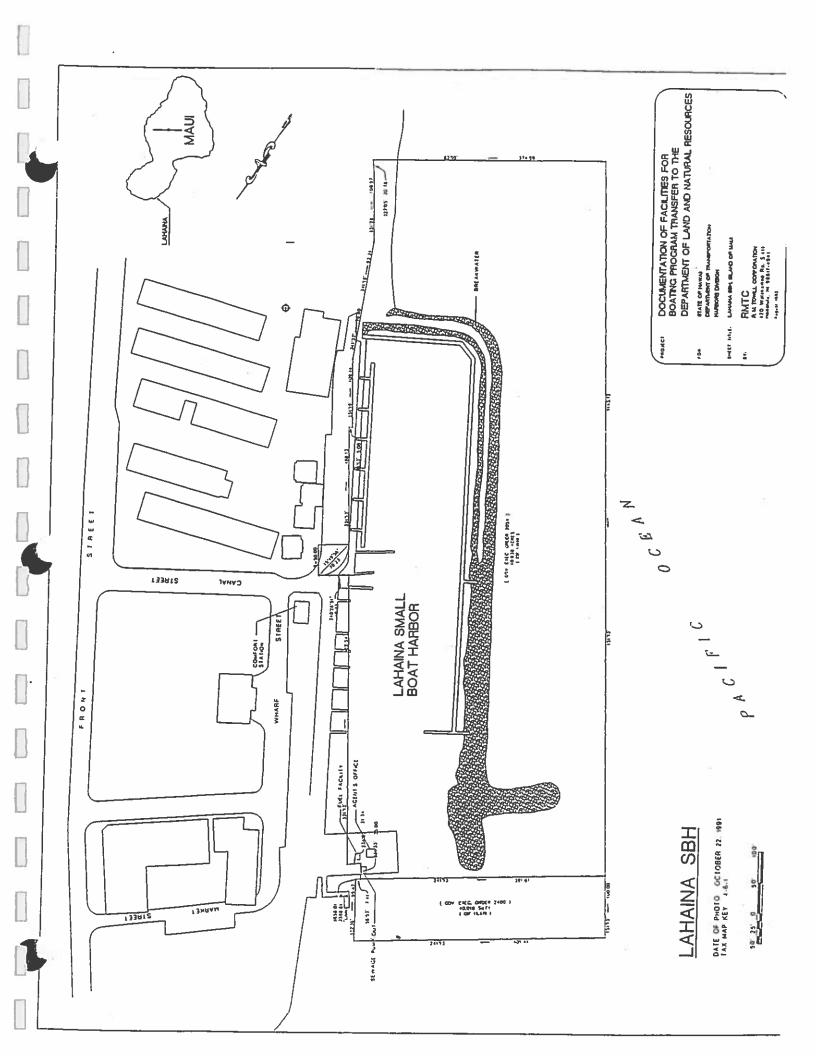
Why Built Current Use Jurisdiction

Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE
Commercial Permits
Leases

Surrounding Uses Future Plans

Lahaina Small Boat Harbor Maui 4-6-01,02 The Lahaina Boat Harbor is located on the northwestern coast of Maui, 23 miles northeast of Cape Hanamanioa, and 22 road miles from Wailuku. The Lahaina SBH consists of 99 mooring spaces and its access channel opens to the southwest of the harbor. Territory of Hawaii 1955, Initial dredging, \$15,321, #922 1961, Various improvements, \$75,937, #1131 1970, Access road & parking, \$77,231, #4502 1970, New marina (Fed-State Project), \$224,000, #4011 1977, Maintenance Dredging, \$127,266, #4054 1983, Phase I Misc. inprovements, \$110,454, #4062 1984, Comfort Station & fencing, \$74,554, #4088 1985, Phase II Misc. improvements, \$102,000, 1987, Phase III Misc. improvements, \$138,000, #4109 1989, Relocate Carthaginian Vessel, \$639,986, #4115 1989, Relocate Carthaginian Vessel, \$639,986, #4115 Berthing of recreational and commercial vessels. Commercial and charter boat use. Department of Transportation, Harbors Division - Boating Branch 11.556 21 79 0 Comfort Station, Harbor Agent's Office Water, Electricity, Pump-out facility, Fuel EO# 2400, 8/13/68; EO#2054 Valley Automated Fuels, # H-89-13; 11/21/89 to 11/20/19

Commercial and historic district



Description

Authorization Construction Phases & Costs

Why Built Jurrent Use Jurisdiction

Acreage Recreational Berths Moorings Ramps Piers Buildings

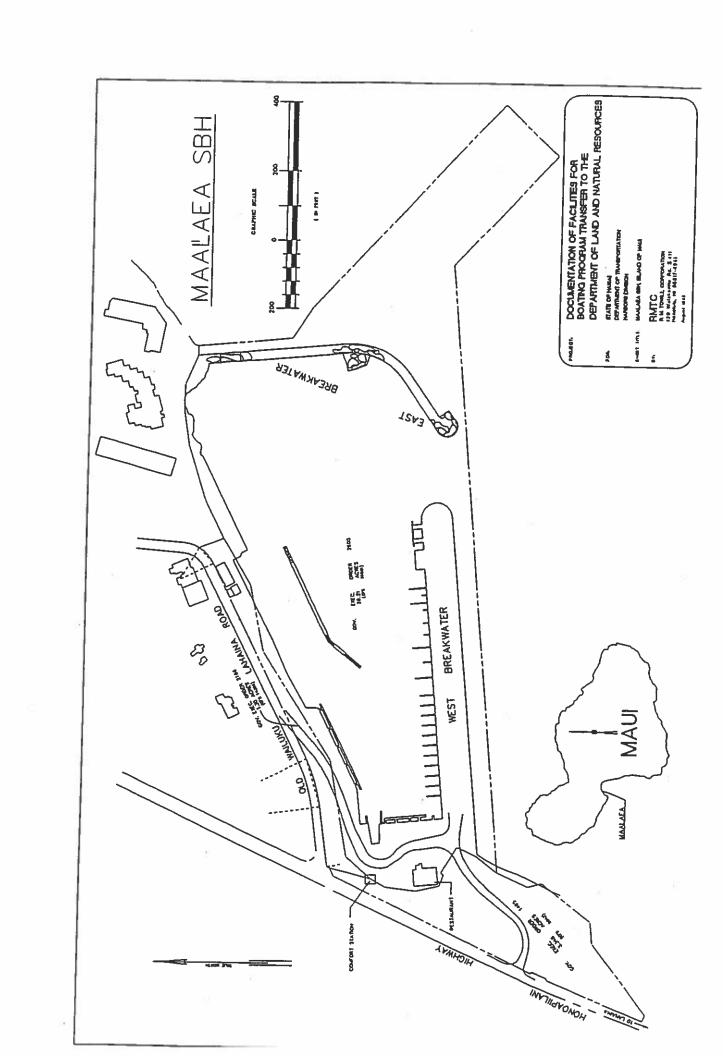
Utilities
Parking Stalls
EO#, Statute, ROE

Commercial Permits Leases

Surrounding Uses Future Plans Maalaea Small Boat Harbor
Maui
3-6-01 & 3-8-14
Maalaea Harbor is located on the west coast of
Maui, approximately 7 miles south of Kahului,
and 16 miles southeast of Lahaina.
The harbor is protected by breakwaters amd marked
by a lighted range and buoys within the harbor.
The 93 berths and moorings are permanently
assigned.
Territory of Hawaii

1952, Initial Construction, \$47,899, #875 1952, Initial Dredging & Breakwater construction, \$75,462, #875 1952, Dredging, \$21,497, #873 1954, initial Construction, \$47,899, #921 1959, Dredging, \$152,272, #1066 1970, Air Cond. & resurfce road, \$44,640, #3511 1971, Wharf improvements, \$77,400, #4009 1978, Various improvements, \$346,000, #4052 1992, Renovate building for boating offices, \$602,700, #4132 Commercial fishing boats Recreational and commercial boaters State of Hawaii Department of Transportation, Harbors Division - Boating Branch. 29.51 30 61 1

Dry Dock, restaurant, boat club, Waste oil facility, Harbor Agent's Office and Comfort Station
Water, Electricity
31 (8 for trailers)
EO# 2635, 3/2/35; EO# 1495, 2/14/52; EO# 2166, 10/1/64; EO# 2605, 6/23/72
27
Pineapple Hill Resorts, undated.
Maalaea Boat & Fishing Club, # H-86-6; 6/13/86 to 6/12/01
Hotel and residential areas
Maui District Boating Office
Federal-State navigational improvements



Description

Authorization Construction Phases & Costs

Why Built

Current Use Jurisdiction

Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses
Future Plans

29 Mala Boat Ramp Maui 4-5-04

Mala Launch Ramp is located approximately 1 mile north of Lahaina on the west coast of Maui. The ramp is double-laned and located adjacent to the abandoned Mala Wharf.

1978, Part B Demolition of old ramp, \$40,950, #4035
1979, Part A Launching ramp construction, \$449,861, #4035
Launching of commercial and recreational trailer boats
Boat Launching
State of Hawaii Department of Transportation, Harbors Division - Boating Branch.

> Water Paved trailer parking is available EO Required 22

Commercial, Cemetery and Residences

(1)

Number Name Island TMK Location

Description

Authorization Construction Phases & Costs Why Built Current Use Jurisdiction

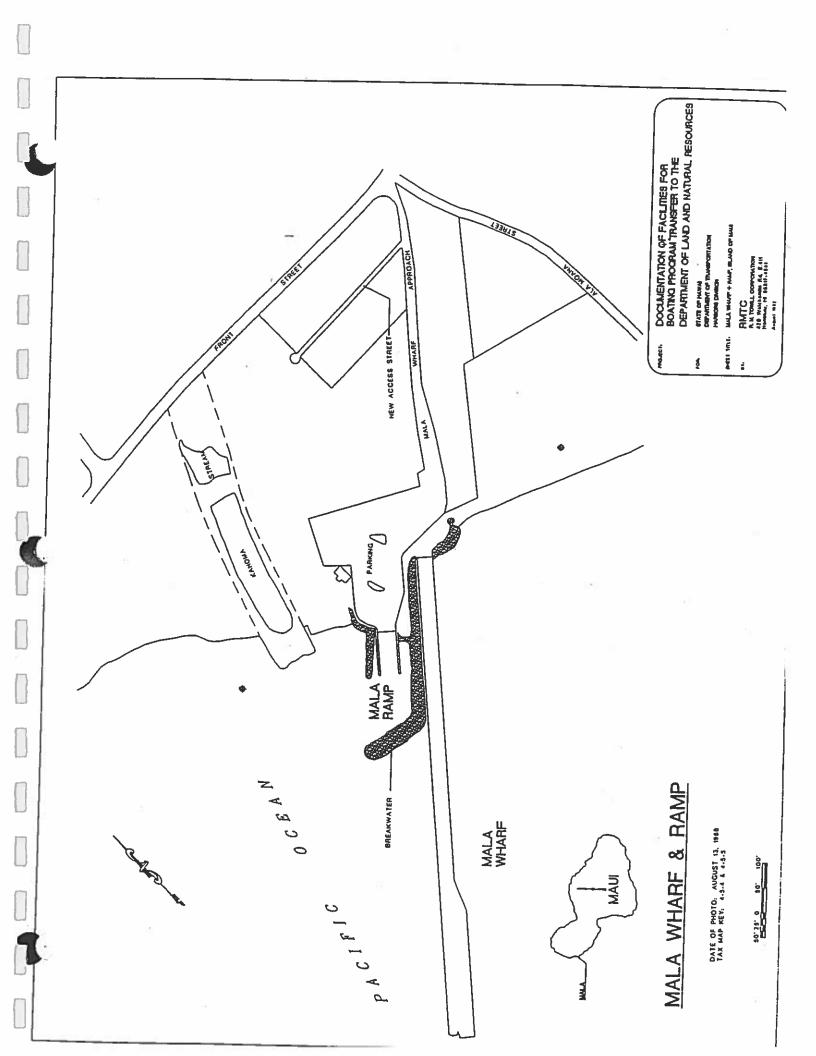
Acreage
Recreational Berths
Moorings
Ramps
Piers
Juildings
Utilities
Parking Stalls
EO#, Statute, ROE

Commercial Permits Leases Surrounding Uses Future Plans Mala Wharf
Maui
4-5-05
Mala Wharf is located approximately 1 mile north
of Lahaina on the west coast of Maui.
The Mala Wharf was originally constructed to
berth large passenger steamships. However due to
swells and current, these ships were unable to
berth, and the wharf was left to be used by
small recreational craft, fishing boats and
small inter-island ferries. This facility is
currently not used due to disrepair.
Territory
1922

Steamship mooring.
Abandoned
State of Hawaii Department of Transportation,
Harbors Division - Boating Branch.
0.35
0
0

Paved car trailer parking is available. EO# 0935, 5/2/41; Cancelled by EO# 1320, 3/30/49 EO# 1315, 2/19/49; Cancelled by EO# 2116, 11/6/63

Commercial, Cemetery and Residences



Description
Authorization
Construction
Phases & Costs
Why Built
Current Use

Jurisdiction

Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls

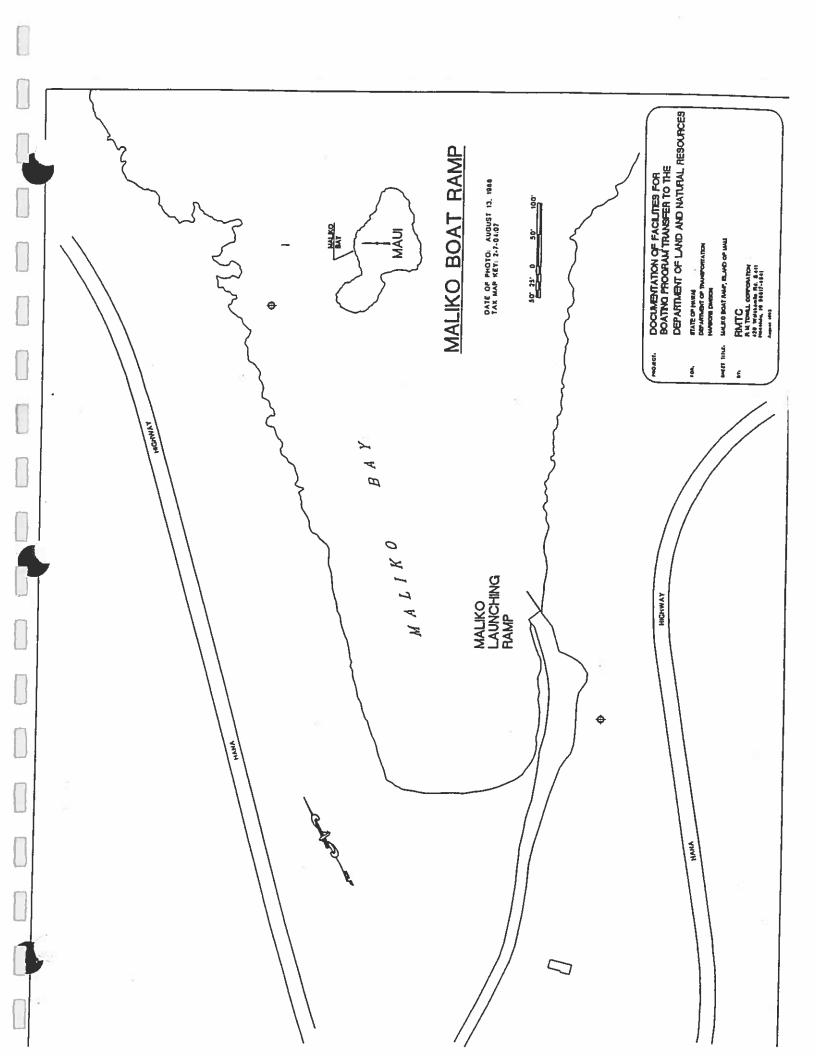
EO#, Statute, ROE Commercial Permits eases Surrounding Uses Future Plans Maliko Boat Ramp
Maui
2-7-04:07
Maliko Bay is located on the exposed north shore
of Maui, close to the town of Paia.
The ramp is single-lane and 18-foot wide.
Private

1972 (No cost data available)
Fishing boat launching.
Launching of recreational and subsistance fishing boats.
In 1910, State of Hawaii Department Of Transportation Harbors Division Boating Branch 0.260
0
0
0
None
None, however undesignated road side parking is

ROE from Alexander and Baldwin, expires 1997.

Agriculture and residential

available.



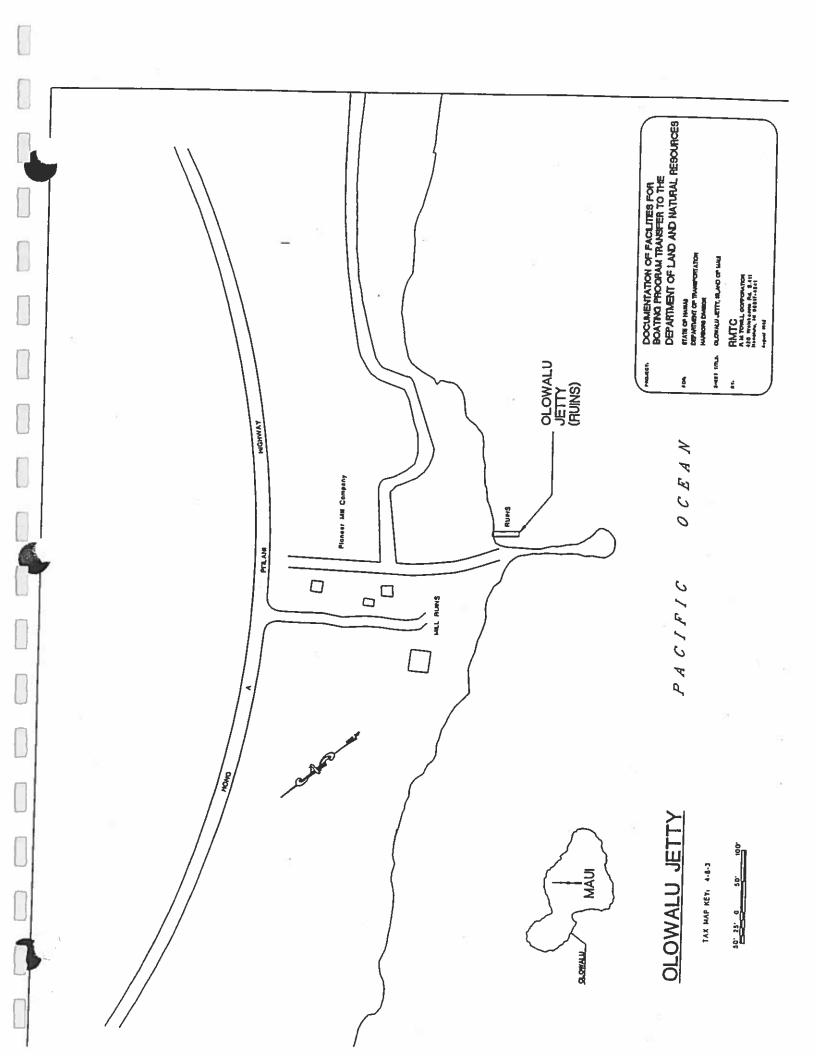
Description
Authorization
Construction
Phases & Costs
Why Built
Current Use
Jurisdiction

Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
'O#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses
Future Plans

32 Olowalu Jetty Maui 4-8-03 Olowalu Jetty is located adjacent to the Pioneer Mill Company property at Olowalu. Olowalu ís half a mile west of Hekili Point and 8 miles southeast of Lahaina. An abandoned agricultural Jetty Private Prior to 1880 Sugar cane transportation and freight landing Abandoned and in disrepair. In 1910 reported as privately owned by Olowalu Sugar Company 0.39 0 0 0 (1)None

Agriculture

Undesignated on adjacent land



ISLAND OF MOLOKAI

₽. "Mokuhooniki I. Kanaha Rock MOLOKAI Halawa Bay Pauwalu Harbor 0,0,,, MILES PUK00 HARBOR **ار** HONOULIMALOO HONOULIWAI WAIALUA Pukoo Harbor TAR INCHARACT KAINALU 0 Kaiselos Harbor Kemekov A Kataupapa KAMALO WHARF BALAWAO Katavpapa ш z z ⋖ Kavnakakal Harbor U E HOOKEHUA KAUNAKAKAI SBH KALOHI A Puv Nens J W Z Z Z Z Z Z Z Z O Kolo Harbor Moklo Pt. Haleotono Pt. Landing M KAWNALU Walell Hill∆ Papohaku Roadsiead 3 4

Lase Pt.

Description

Authorization Construction Phases & Costs Why Built Current Use Jurisdiction Acreage Recreational Berths Moorings Ramps Piers Juildings Utilities Parking Stalls EO#, Statute, ROE Commercial Permits Leases Surrounding Uses Future Plans

Kamalo Wharf
Molokai
5-6-08:15
Kamalo Harbor is 5 miles southwest of Pukoo
Harbor, and is a pocket opening on the south
point of Molokai.
The harbor is about 150 yards wide, and extends
through the reef via a 90 yard wide access
channel. Small boats can anchor in this harbor,
which is protected from Kona storms. The remains
of a ruined wharf, which were used to offload
goods to the shore above the mudflats, can be
seen to the east of the main harbor.

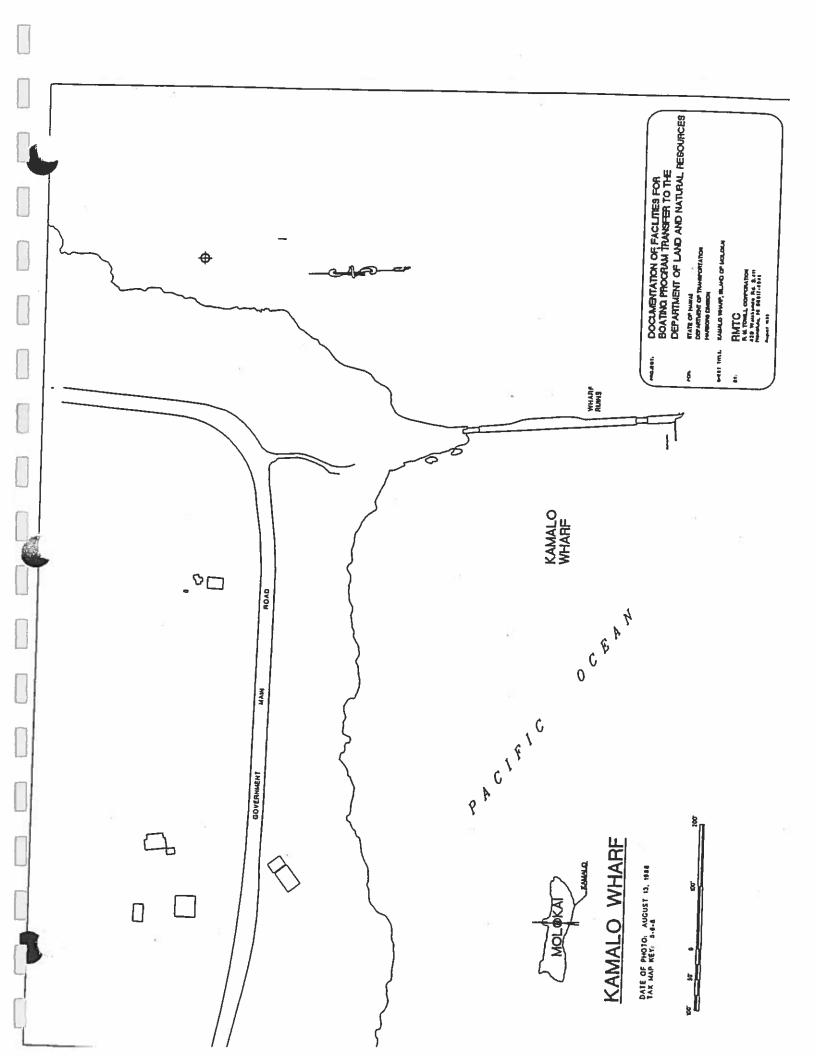
Prior to 1898

For offloading of goods to shore.
Mooring of small vessels on a temporary basis.
Department of Transportation, Harbors Division
0.3

(1)

Organic Act, 1900

Residential and agriculture



Description

Authorization Construction Phases & Costs

Why Built Current Use

Jurisdiction

Acreage
Recreational Berths
Moorings
Ramps
iers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses
Future Plans

34 Kaunakakai Small Boat Harbor Molokai 5-3-01

Kaunakakai is located on the south shore, and 16 miles from the westerly point of Molokai. The small boat harbor is located within the northeast portion of the commercial harbor, and protected by a small breakwater. There are 32 berths and moorings, in addition to a 12 foot wide launching ramp. Federal

1963, Launching ramp, \$14,903, #1219
1973, Extension of breakwater & Const. of
docking area, \$149,700, #4017
Recreational Boats
Barge operations with recreational and commercial
fishing boats.
State of Hawaii Department of Transportation,
Harbors Division - Boating Branch
12
3

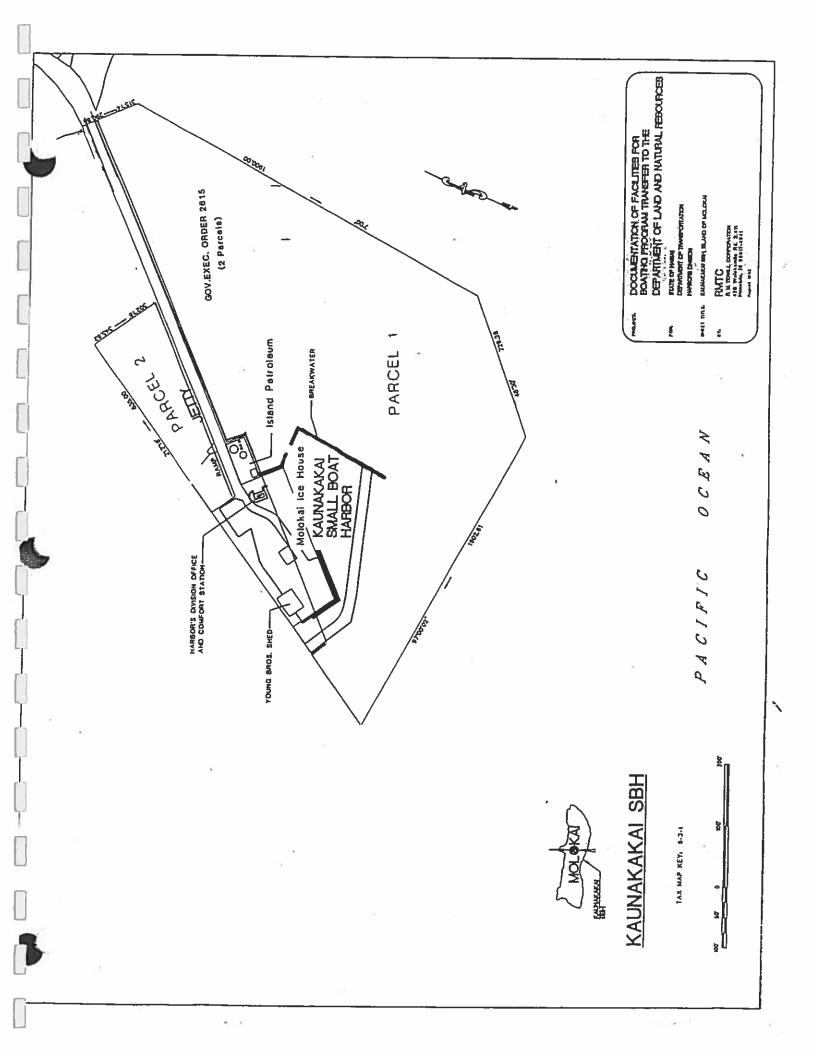
Comfort Station, Harbor's Division Office Water and electricity

EO# 2615, 7/18/72

29

1

Molokai Ice House, # H-92-12; 4/1/92 to 3/31/27 Commercial Harbor Boundaries need to be redefined



Description

Authorization Construction Phases & Costs Why Built Current Use Jurisdiction Acreage Recreational Berths Moorings Ramps Piers Buildings Utilities Parking Stalls EO#, Statute, ROE Commercial Permits Leases Surrounding Uses Future Plans

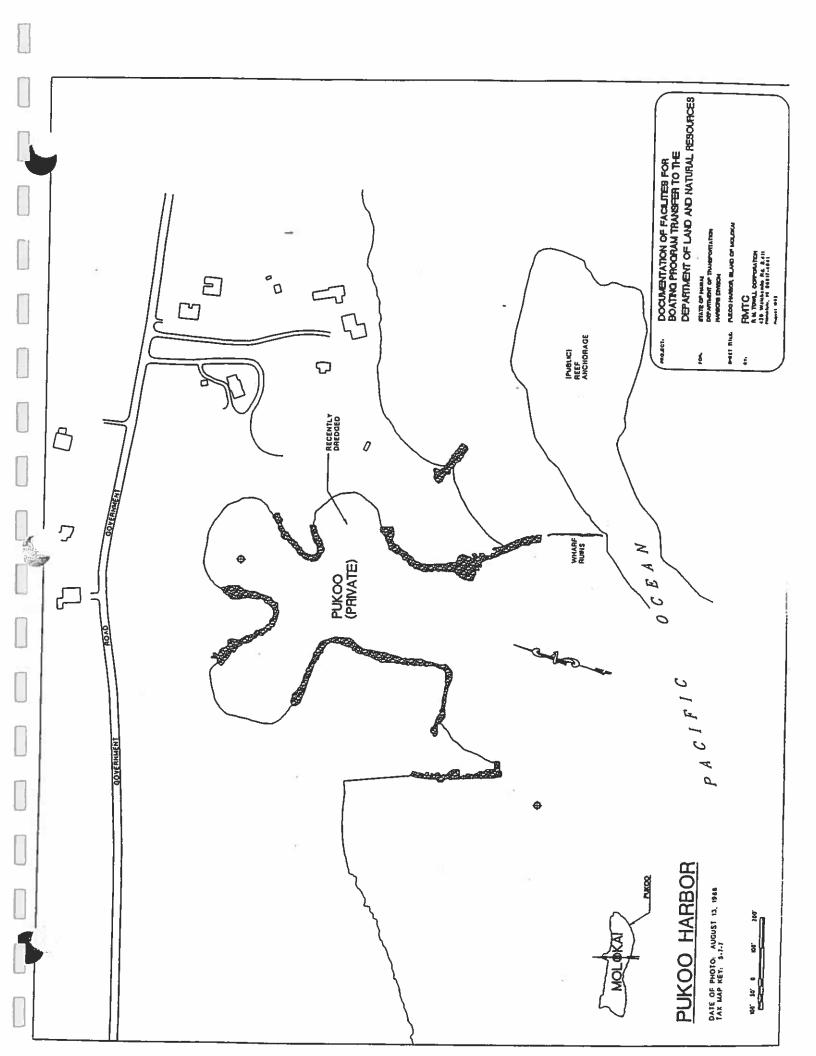
Pukoo Harbor
Molokai
5-7-07:64
Pukoo Harbor is 7.4 miles southwest of Cape
Halawa.
The harbor is around 500 yards long, and accessed
by a 50 feet wide channel across the reef.
The old fish ponds were dredged (by the
landowner) to provide a shallow anchorage.
The public anchorage is small and exposed, and
thus only suitable for small vessels. A ruined
wharf is to the east of the channel.
Organic Act, 1900
Prior to 1898

Transportation of goods to shore (wharf)

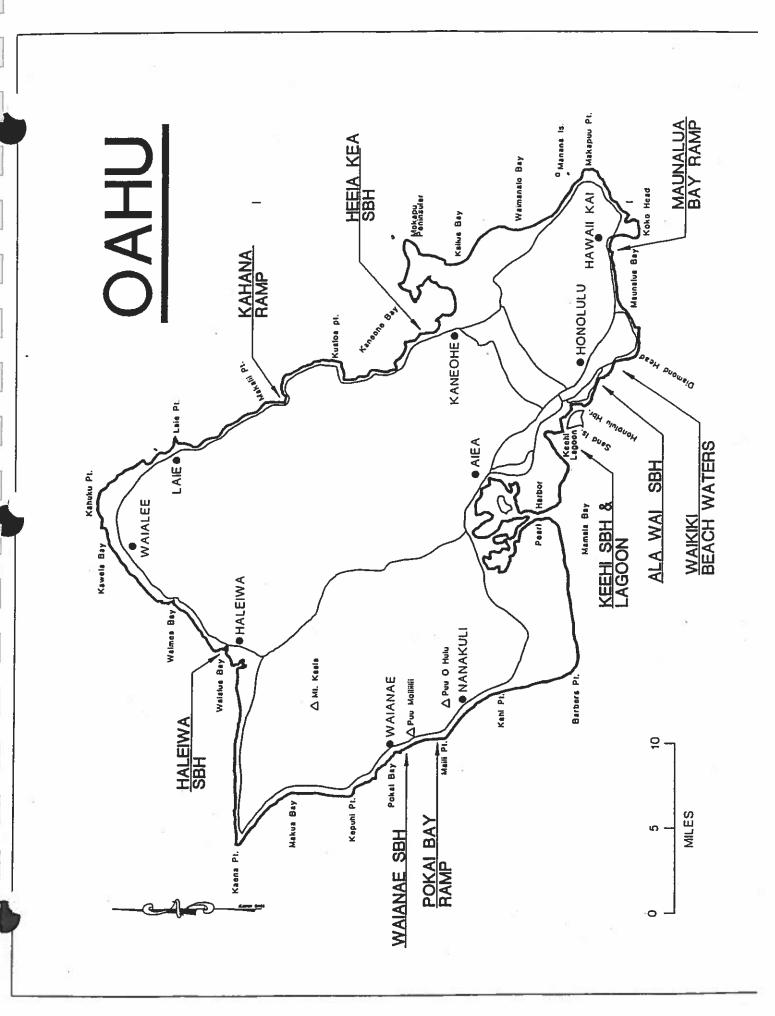
Transportation of goods to shore (wharf)
Small recreational boats (anchorage)
Department of Transportation, Harbors Division
0.47 of anchorage
0
0

Organic Act

Residential and agriculture



ISLAND OF OAHU



Description

Authorization Construction Phases & Costs

Why Built Current Use Jurisdiction

Acreage Recreational Berths Moorings Ramps Piers Buildings

Utilities Parking Stalls EO#, Statute, ROE Ala Wai Small Boat Harbor
Oahu
2-6-10, 2-3-37 & 2-1-58
Ala Wai SBH is located on the south shore of
Oahu, between Waikiki and Ala Moana beaches.
The SBH is Oahu's and the State's major
recreational boating harbor, with 699 berths
and 62 moorings. There are an additional 22 dry
storage spaces. The harbor can accommodate boats
up to 80 feet in length. Electricity and water
are available for each berth. The harbor
includes areas used by the Hawaii and Waikiki
Yacht Clubs and additional public mooring areas.
Territory

1951, Construction of seawall, \$234,205, #837 1951, Phase I Constr. of seawall & dredging channel, \$163,755, #871 1956, Reconstr. of T-dock, \$16,195, #1010 1959, Phase II Grading, paving & improvements, \$136,214, #1101 1960, Part A Various improvemets, \$122,357, #1163 1961, Part B Grading & paving, \$68,000, #1163 1970, Parking, \$168,000, #2013 1972, Const. 5 piers & install electr., phone, & water systems, \$978,000, #2004 1973, Sewage system, \$250,000, #2029 1976, Rock bulkhead repair, \$90,000, #2083 1979, Improvement to basin, parking & security system, \$715,000, #2153 1986, Breakwater repairs, \$211,495, #2213 1987, Lighting improvements, \$183,000, #2187 1990, marginal wharf, \$1,159,691, #2224 Recreational boating Recreational boating State of Hawaii Department of Transportation, Harbors Division - Boating Branch. 128.21 699 62 1 1 22 dry berthing spaces; Harbor Agent's office;

EO# 1330, 6/16/49; EO# 1795, 8/13/57; EO# 2170,

Comfort Stations; Showers.

10/15/64; EO# 2575, 8/12/71;

Electricity and Water

Paved parking available

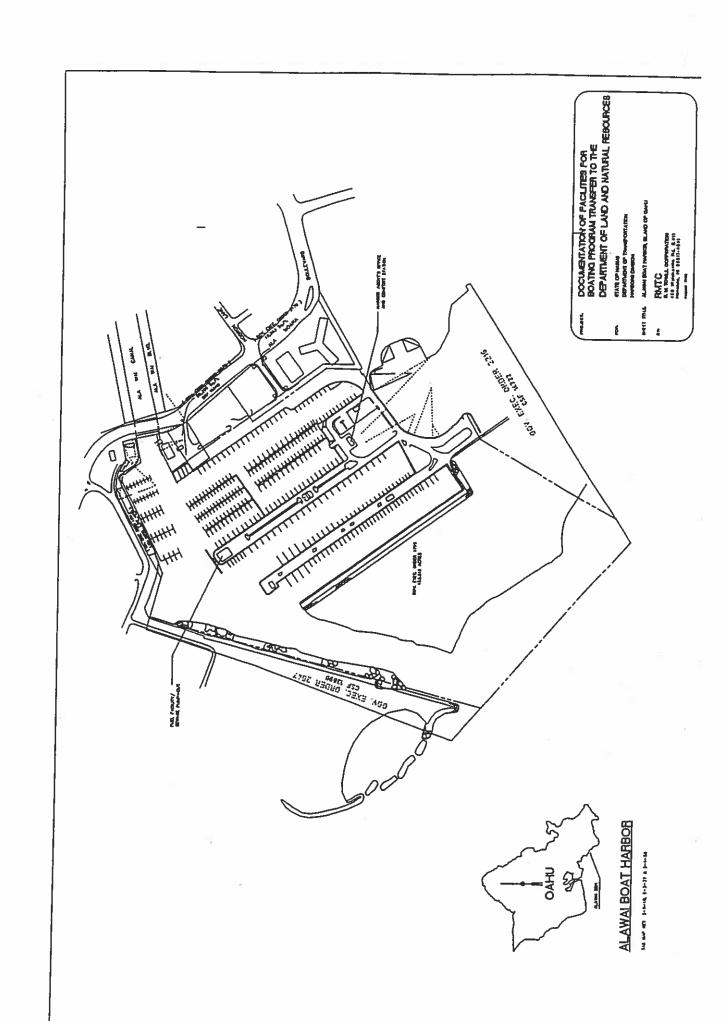
DOT Boating Program Transfer to DLNR

August 1992

Commercial Permits Leases

None allowed Waikiki Yacht Club, Lic.#66; 11/1/52 to 10/31/92 Seibu Inc. #H-87-25; 5/13/88 to 5/13/53 Hawaii Yacht Club, Lic.#110; 1/1/58 to 12/31/97 Ala Wai Marine, Lic.#74; 5/1/53 to 4/30/04 Ala Wai Harbor Fuel Services, #H-89-12; 8/1/90 to 7/31/25 Hotels, Park

Surrounding Uses Future Plans



Description

Authorization

Construction Phases & Costs

Why Built Current Use Jurisdiction

Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses
Future Plans

37 Haleiwa Small Boat Harbor Oahu 6-6-01,02 Haleiwa SBH is located on the north shore of Oahu at the head of the Waialua River. The harbor is protected by a breakwater on the west and a mole on the east. There are berthing and mooring facilities for 78 boats (ranging from 28 to 40 feet) with an additional 40 moorings for skiffs. There is a two lane launching ramp located on the western edge of the harbor, and a single lane ramp located on the makai edge. Rivers and Harbors Act, 1960 and Federal Authorization, 1964.

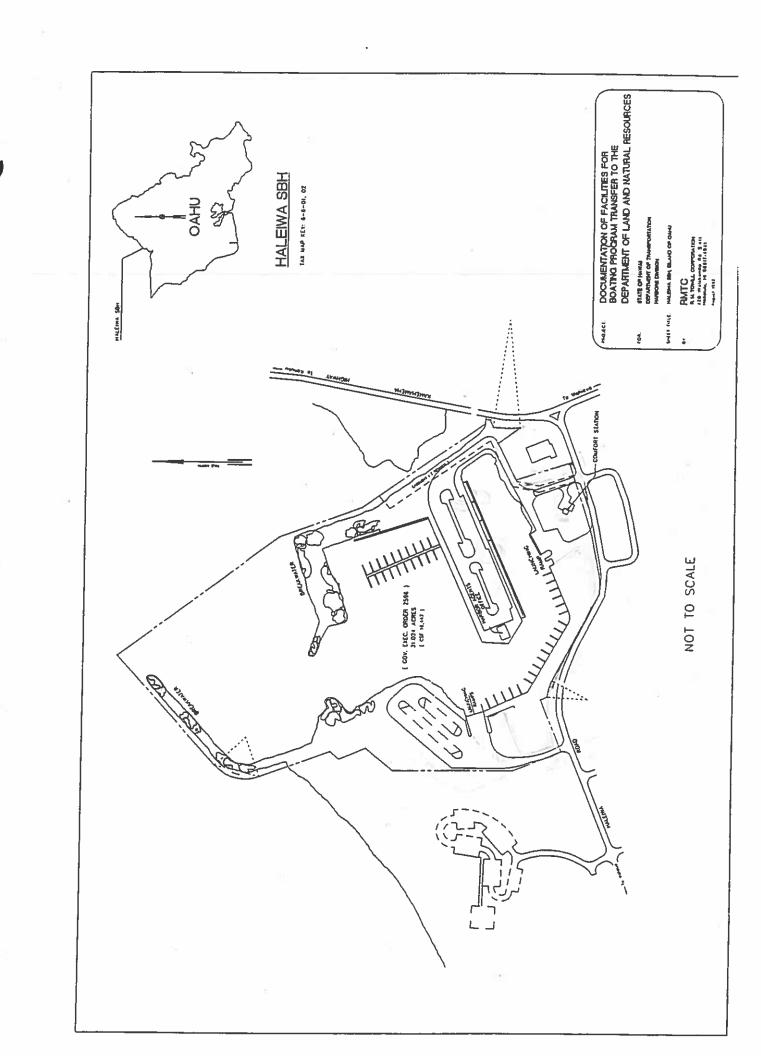
1955, Construction of breakwater, \$102,634, #933
1967, Phase II Federal & State project,
\$197,000, #1336
1973, Phase III Federal & State project
\$619,200, #2420
1975, Admin. building & comfort station,
\$121,000, #2080
1975, Revetment, \$172,000, #2081
1976, Berthing facilities, \$256,100, #2071
Recreational boat mooring
Recreational and charter boats
State of Hawaii Department of Transportation,
Harbors Division - Boating Program.
31.024

Harbor Agent's office and Comfort Station.
Water and electricity
Paved parking available
EO# 2596, 6/23/72;
8 (Will be changed in 1992 to unlimited number)

Residential and park space

14

3



Description

Authorization Construction Phases & Costs

Why Built Current Use

Jurisdiction

Acreage Recreational Berths Moorings Ramps Piers Buildings

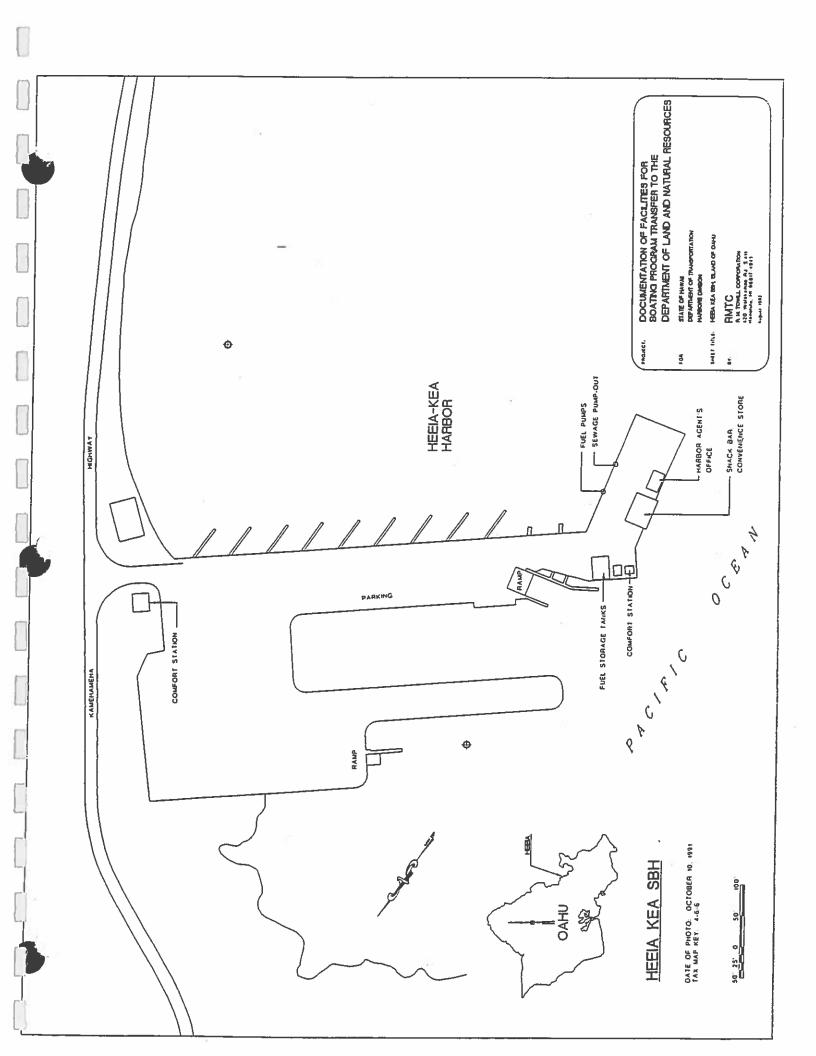
3

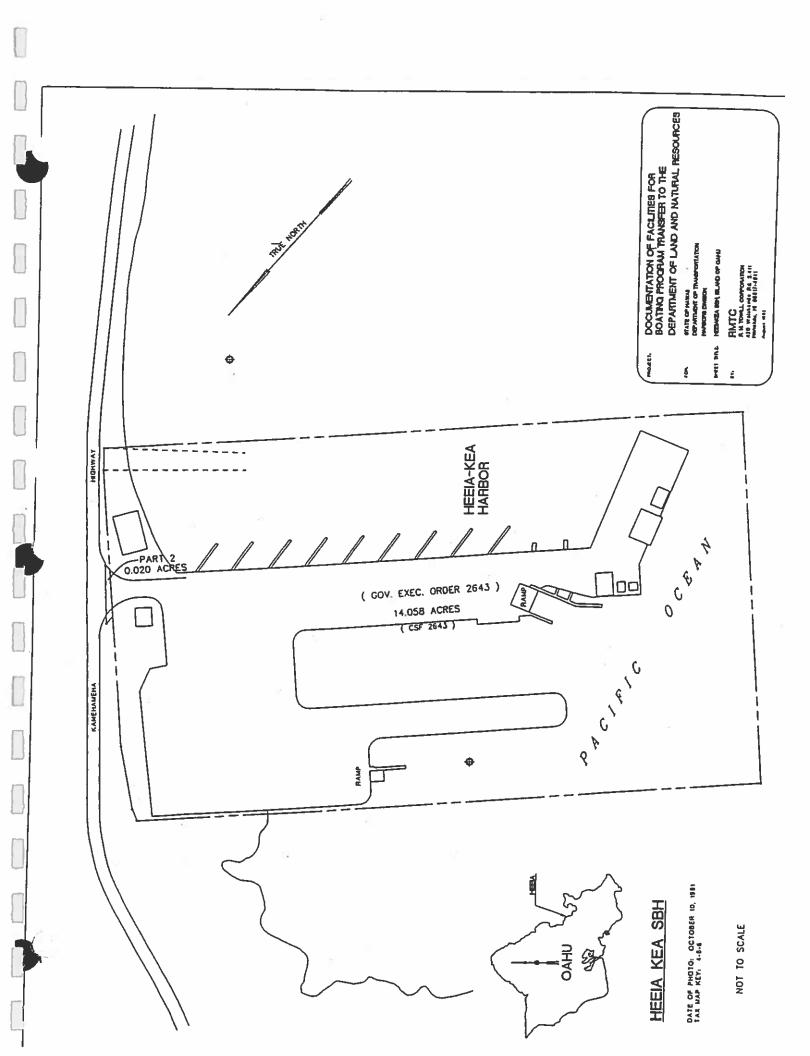
Utilities
Parking Stalls
EO#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses
Future Plans

Heeia Kea Small Boat Harbor
Oahu
4-6-06
Heeia Kea SBH is located on the southwestern shore of Kaneohe Bay, on the windward coast of Oahu.
The harbor has 22 berths for boats up to 40 feet long, with additional room for 53 small craft.
A 36 foot wide 2-lane launch ramp is located on the Kahaluu side of the harbor, with an additional single lane ramp located on the Kaneohe edge of the harbor. There is parking for approximately 150 cars.
River and Harbor Act, 1965

1966, Various improvements, \$16,000, #1276
1971, Air,con., water systems & catwalk,
\$75,000, #2007
1972, Comfort station, \$40,420, #2030
1980, Lighting improvements \$45,135, #2155
1990, Improvements, \$337,003, #2246
1992, Sewage system improvements, \$70,148, #2272
Recreational boating
Recreational and commercial fishing and tour
boats.
Hawaii State Department of Transportation,
Harbors Division - Boating Branch
14.078
22

Harbor Agent's office, Snack Bar, Comfort stations, Convenience store, fuel facility Water, Sewage pump-out 150 and 2 washdowns. EO# 2643, 12/29/72 7 Snack Bar and Fuel Facility pending Residential and Park





Description

Authorization Construction Phases & Costs Why Built Current Use Jurisdiction

Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
'O#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses
Future Plans

39
Kahana Bay Ramp
Oahu
5-2-05:03
Kahana Bay is locate

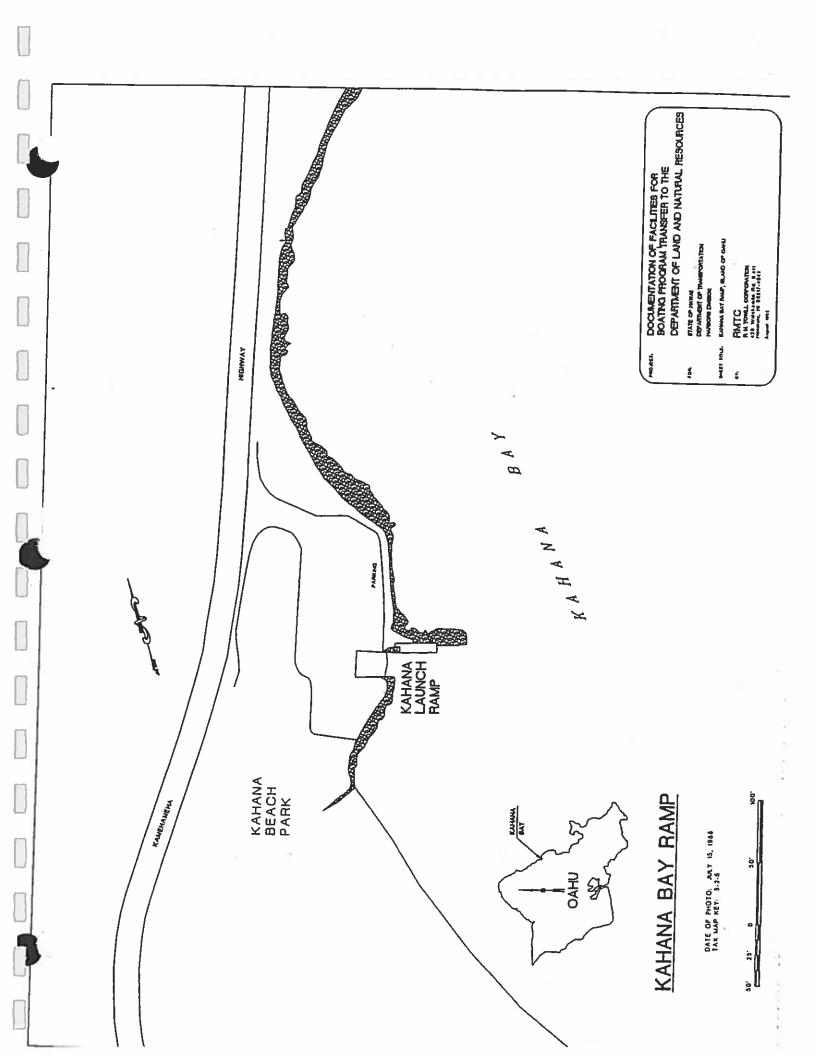
Kahana Bay is located on the east coast of Oahu, approximately 8 miles northeast of Kaneohe. The ramp is 18-foot wide, adjacent to the beach park. There is parking for approximatley 21 cars (6 with trailers).

1962

Recreational and fishing boat launching Launching of recreational fishing boats State of Hawaii Department of Transportation, Harbors Division - Boating Branch. 0.934

21 (6 with trailers)

Kahana State Park



Description

Authorization Construction Phases & Costs

Why Built Current Use Jurisdiction

Acreage Recreational Berths Moorings Ramps Piers Buildings

Utilities Parking Stalls

EO#, Statute, ROE

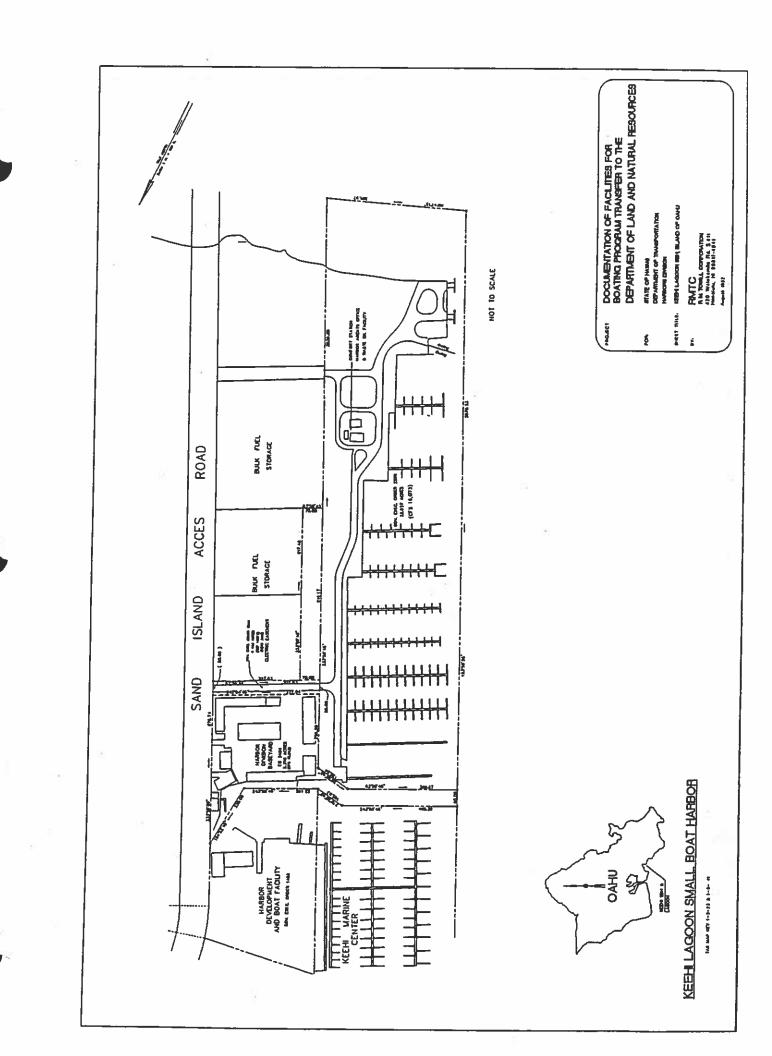
Commercial Permits Leases Surrounding Uses Future Plans 40 Ke'ehi Small Boat Harbor Oahu 1-2-23 & 1-5-41

Keehi Boat Harbor is located on the south coast of Oahu, approximately 1.5 miles west of Honolulu Harbor, and 5 miles from Waikiki. The harbor is reached by the Kalihi Channel. The harbor has 355 slips that can accommodate boats up to 48 feet in length, with an additional 53 mooring spaces. There are two ramps. The first is a two lane ramp located on the southern end of the harbor. The second ramp is a single lane, 15 foot wide facility to the north.

1962, Phase A Initial construction, \$545,428, #1195 1963, Phase B Offices & Comfort station, \$43,900,#1195 1985, Improvements, \$315,900, #2184 1986, Paving & security lights, \$137,067, #2192 1991, Boat Harbor reconstruction, \$360,000, #2256 Recreational boating Recreational Hawaii State Department of Transportation, Harbors Division - Boating Branch 66.184 355 53 3

Comfort Station, showers, Harbor agent's office and Waste oil facility
Water and electricity (for 110 berths)
110 (including 53 with trailers); unpaved area available
EO# 2526, 9/1/70; EO# 2636, 11/27/72; EO# 2533, 11/2/70; cancelled by EO# 2663, 3/22/73
None allowed

Industrial, commercial and park development.



Description

Authorization Construction Phases & Costs Why Built Current Use Jurisdiction

Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE

Commercial Permits Leases

Surrounding Uses Future Plans Ke'ehi Lagoon
Oahu
1-2-23,21,24 1-5-41 & 1-1-03
Keehi Lagoon is located on the south coast of
Oahu, approximately 1.5 miles west of Honolulu
Harbor, and 5 miles from Waikiki. It is adjacent
to the Keehi Small Boat Harbor.
The Keehi Lagoon is an overflow mooring area for
the Keehi Boat Harbor. There are 360 moorings
installed in the former seaplane runway.

Originally a seaplane runway.

Mooring of commercial and recreational boats

Joint jurisdiction between State of Hawaii

Department of Transportation, Harbors Division
Boating Branch and the Honolulu International

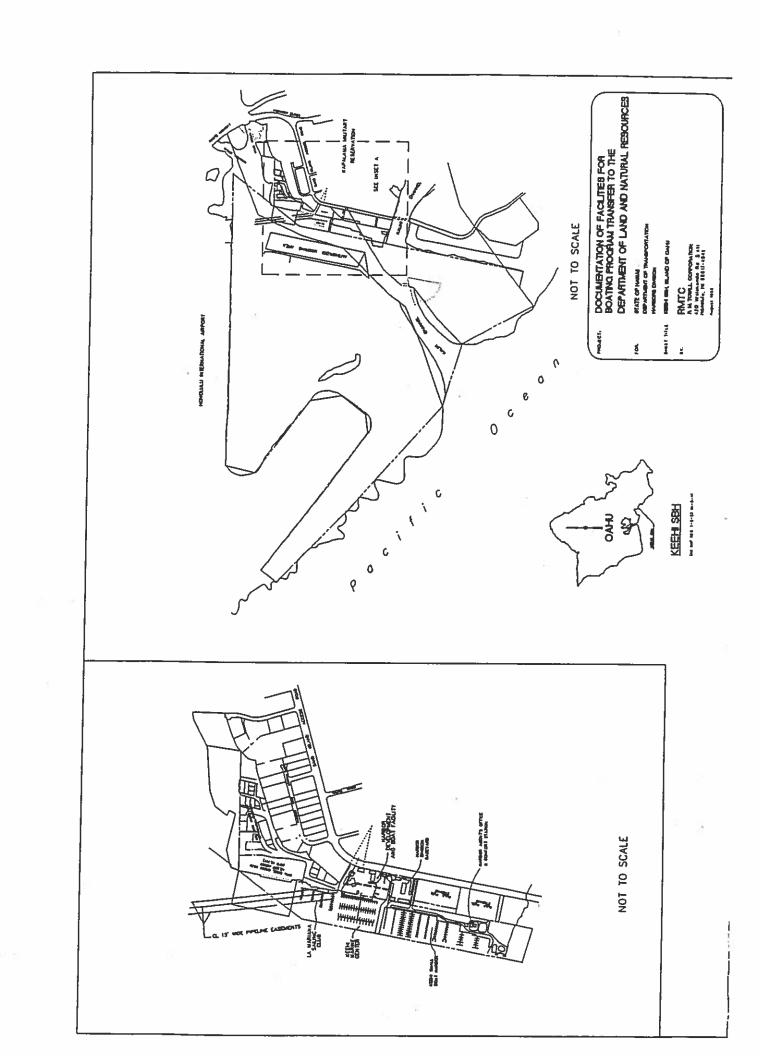
Airport.

71.678

0 360 0

EO# 1458, 7/23/51; EO# 1467, 8/27/51; Cancelled by EO# 1474, 10/1/51

La Mariana Sailing Club, #H-78-5; 5/1/79 to 4/30/14 and Keehi Marine Inc.; Keehi Drydock Corporation, #H-70-14; 2/1/71 to 31/22/73 Airport, Park, Industrial Water recreational and maritime commercial uses.



Description

Authorization Construction Phases & Costs Why Built Current Use

Jurisdiction

Acreage
Recreational Berths
Moorings
Ramps
Piers
Muildings
Utilities
Parking Stalls
EO#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses
Future Plans

0

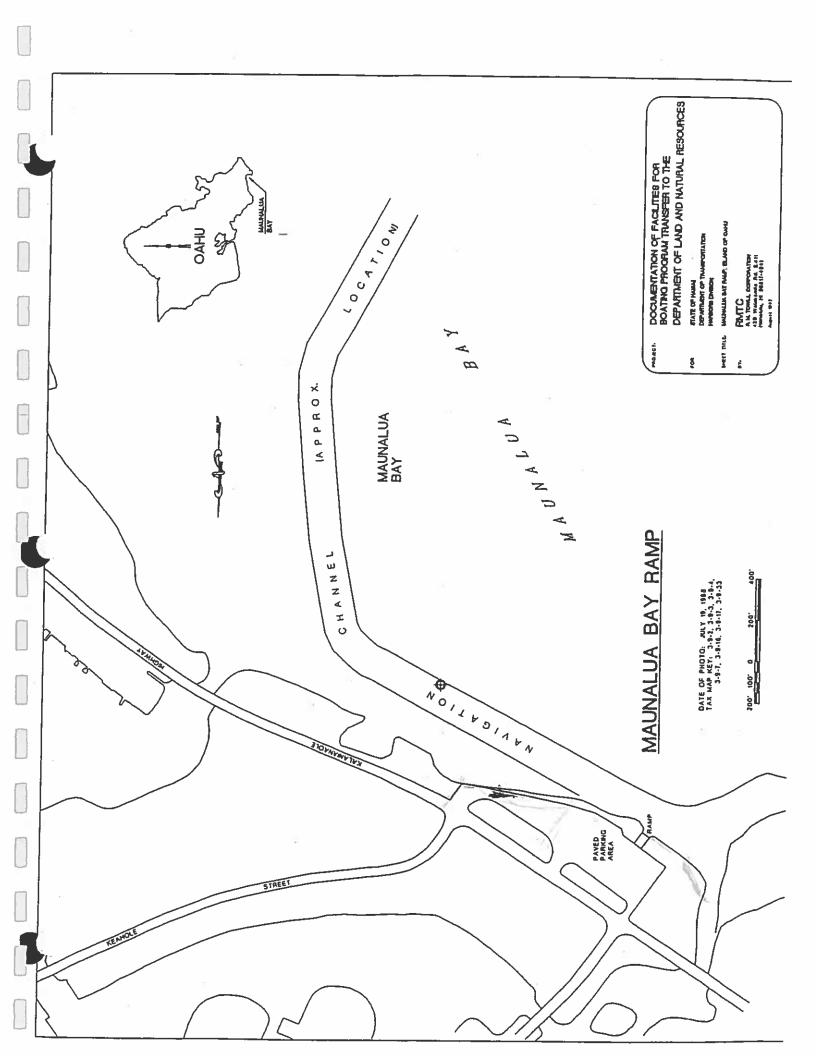
Maunalua Bay Ramp
Oahu
3-9-07
Maunalua Bay is an open bight that extends
westward from Koko Head to Diamond Head. The
ramp is located to the eastern edge of the bay,
slightly west of Hawaii Kai Marina.
The facility is located on the leftward head of a
narrow channel, and is a 2 lane launching ramp
(15 and 18 foot wide), separated by a 3 foot
wide loading dock. There is paved parking and a
large unpaved parking area adjacent to the ramp
that together can accommodate 100 cars and
trailers.

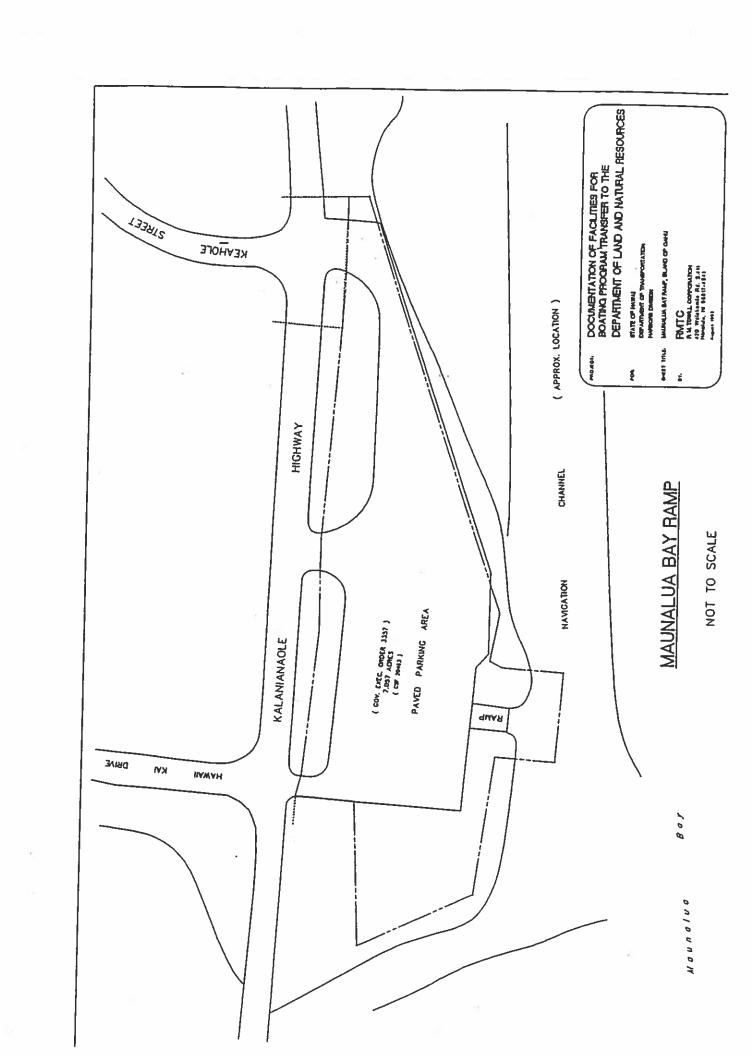
1962 - Phase I (No cost data available)
1977, New additional ramp, \$37,000, #2082
Commercial fishing boat launching.
Launching of recreation and commercial fishing boats
State of Hawaii Department of Transportation,
Harbors Division - Boating Branch.
7.057
0
0
2
1
0

Residential, park and commercial.

100 (with trailers)

EO# 3357, 1/22/87;





Description

Authorization Construction Phases & Costs Why Built Current Use

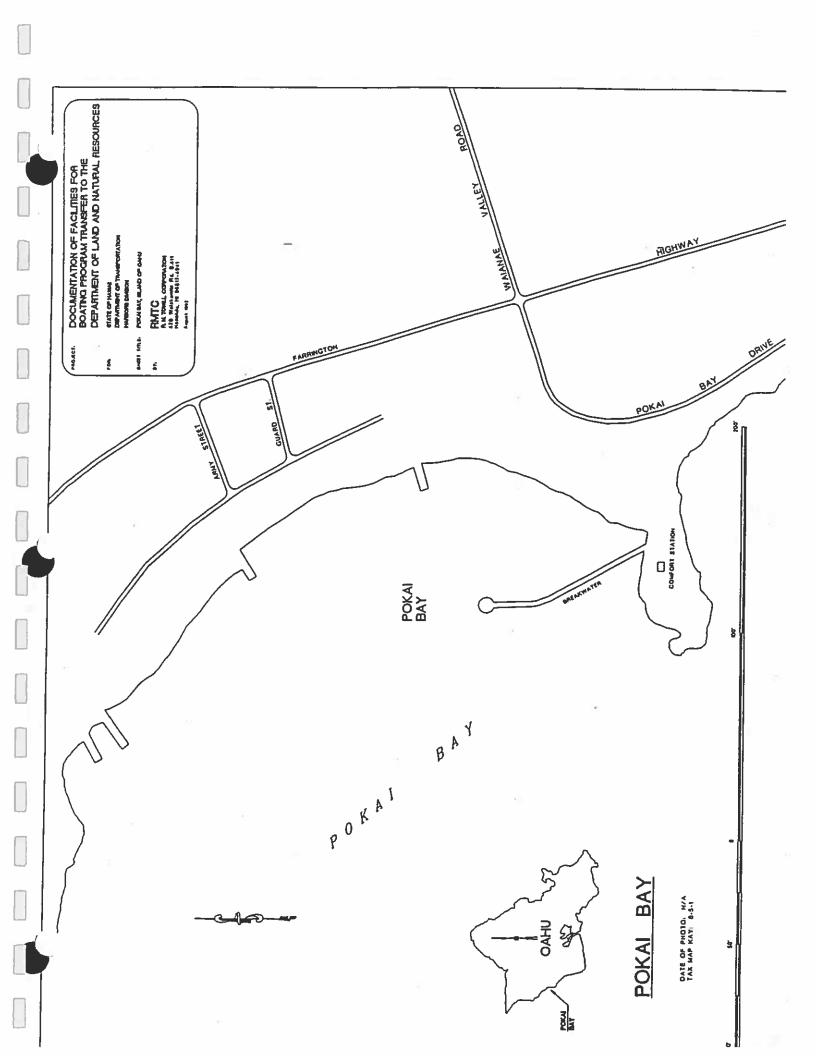
Jurisdiction
Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses
Future Plans

Pokai Bay
Oahu
8-5-01
Pokai Bay is located on the northwest side of
Kaneilio Point on the Waianae coast of Oahu. It
is approximately 10 miles west of Barbers Point.
The facility consists of a breakwater that
provides temporary protection for anchored
boats.
Territory

Ramp, 1960 (No cost data available)

Ramp, 1960 (No cost data available)
Small boats
Abandoned facilities, used for anchorage only;
vessels relocated to Waianae Small Boat Harbor.
Department of Transportation, Harbors Division.
4.19
0
0
(1 abandoned)
Comfort Station

Residential and agriculture



Description

Authorization Construction Phases & Costs Why Built

Current Use
Jurisdiction
Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses
Future Plans

Sand Island Ramp (Planned)
Oahu
1-5-41:6
The Sand Island ramp is planned to be a part of the Hawaii Marine Education and Training Center

on Sand Island, Oahu. The facility will be accessed from Sand Island Parkway, immediately makai and ewa of the Sand Island Bridge.
The Sand Island Ramp is planned to be 4-lanes and 56-feet wide. There will be parking for approximately 47 trailers and 60 cars. Other facilities will include a four lane wash down area, 10 boat dry storage facility, a picnic area and a comfort station. The Marine Education and Training Center will also have two jib cranes, a finger pier and a dock area for unloading and loading.

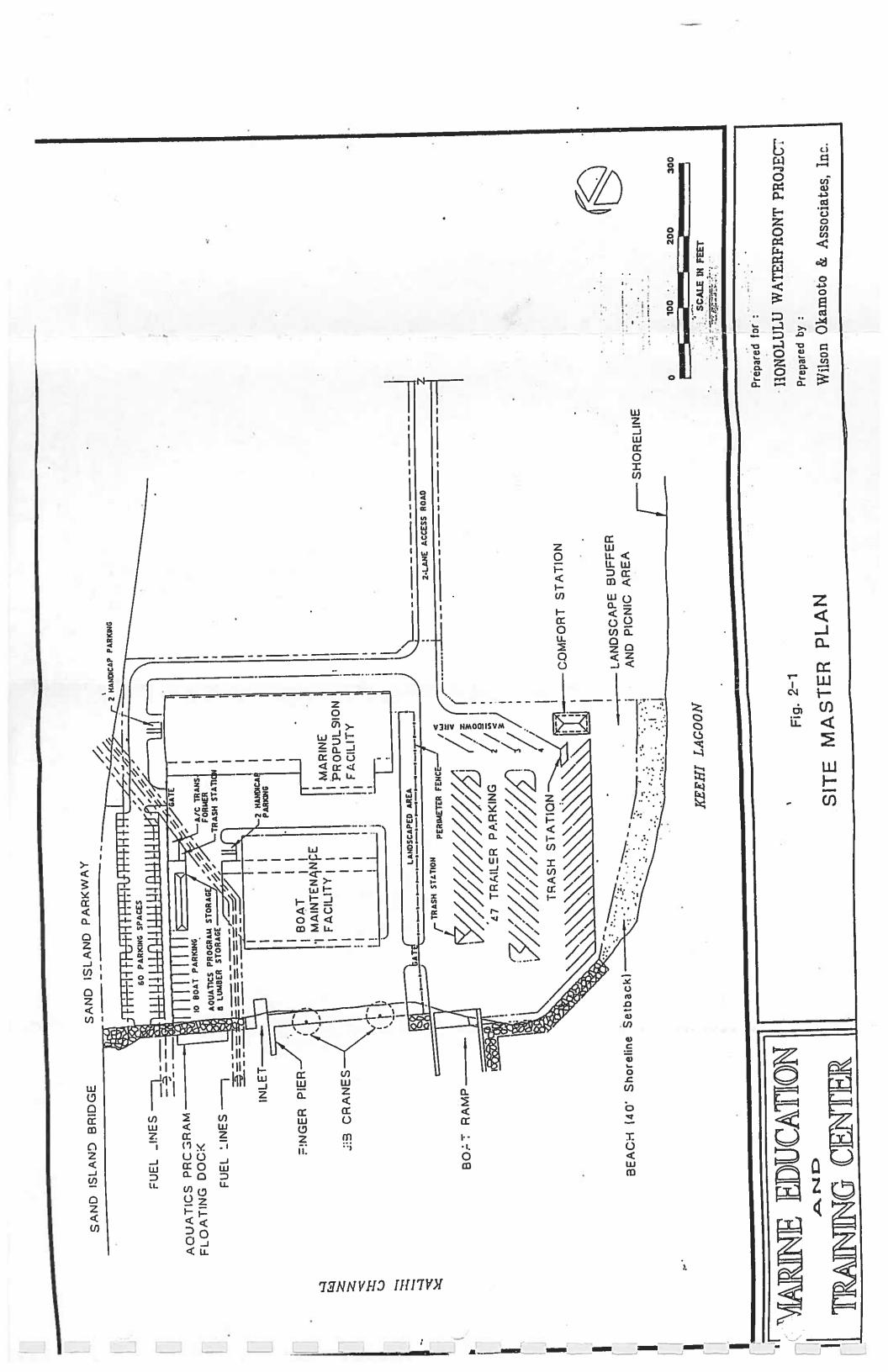
Pending Future

As part of the Hawaii Marine Education and Training Center. Planned

DOT & DBEDT

0
4
1
Comfort Station
Water
107 (47 with trailers)
N/A

Marine Education and Training Center, Industrial



Description

Authorization Construction Phases & Costs

Why Built

Current Use Jurisdiction

Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses
Future Plans

Waianae Small Boat Harbor Oahu 8-5-02:11

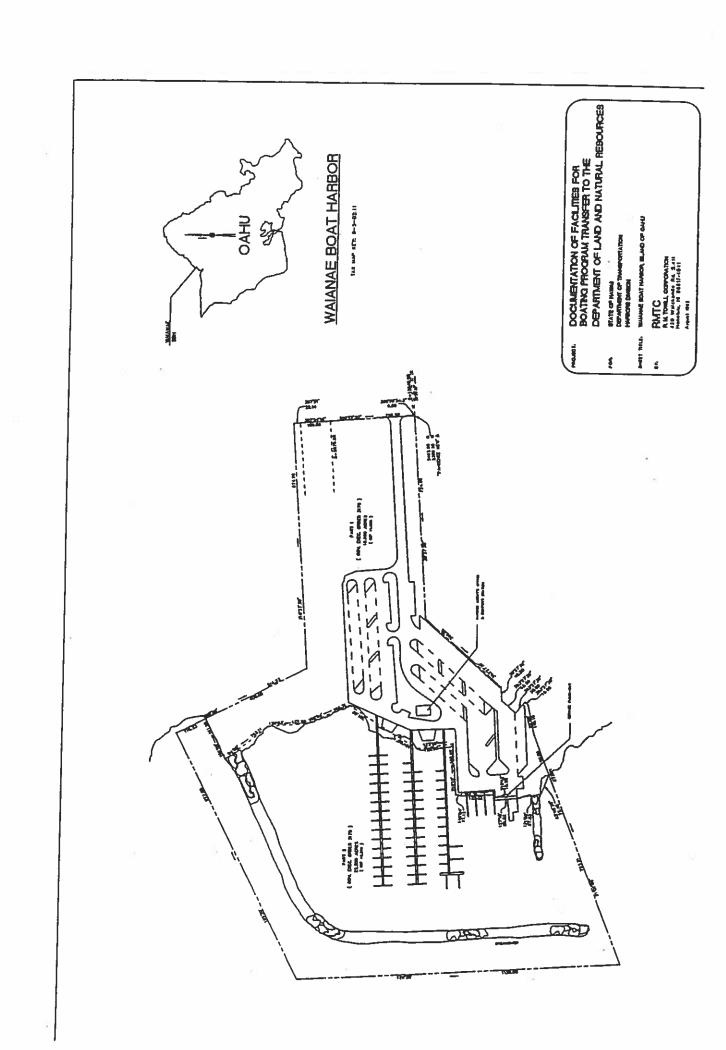
Waianae SBH is located on the northwest side of Kaneilio Point on the Waianae coast of Oahu, approximately 1/2 mile west of the Pokai Bay facility. It is approximately 10 miles west of Barbers Point.

The harbor has a 1,350 foot breakwater and an entrance channel which is 830 feet long and 150 feet wide. The harbor has 146 berths - 137 for vessels under 30 feet and 9 for up to 50 feet. There is a launching ramp that includes 7 lanes totalling 105 feet. There is parking available for 176 cars (120 with trailers). River and Harbors Act, 1965

1974, Federal & State project, \$3,840,000, #2058 1980, Admin. office, washdown, parking & piers, \$3,680,000, #2122 1988, Power outlets & piers, \$183,866, #2232 To berth recreational and commercial fishing boats and replace Pokai Bay mooring. Recreational and commercial fishing boats State of Hawaii Department of Transportation, Harbors Division - Boating Program. 38.4

Comfort Station, showers, harbor agent's office Water, electricity, Sewage pump-out 176 (120 with trailers) EO# 3178, 3/11/83; 15 (will be changed in 1992 to unlimited number)

Residential and Park use.



Number Name

Island TMK Location

Description

Authorization Construction Phases & Costs Why Built

Current Use Jurisdiction

Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE

Commercial Permits Leases Surrounding Uses Future Plans 46

Waikiki Beach Waters (anchorage and beach protection)

Oahu 2-6-01

Waikiki Beach Waters are located immediately offshore from Waikiki Beach on the south shore of Oahu. The area extends from Fort DeRussey to Diamond Head.

The anchorage area is used for temporary moorings of recreational boats. The area also includes structures designed to protect the Waikiki Beach from erosion and swells.

Recreational and commercial sail boats and canoes.

Recreational boating.

State of Hawaii Department of Transportation, Harbors Division - Boating Branch.

473.54

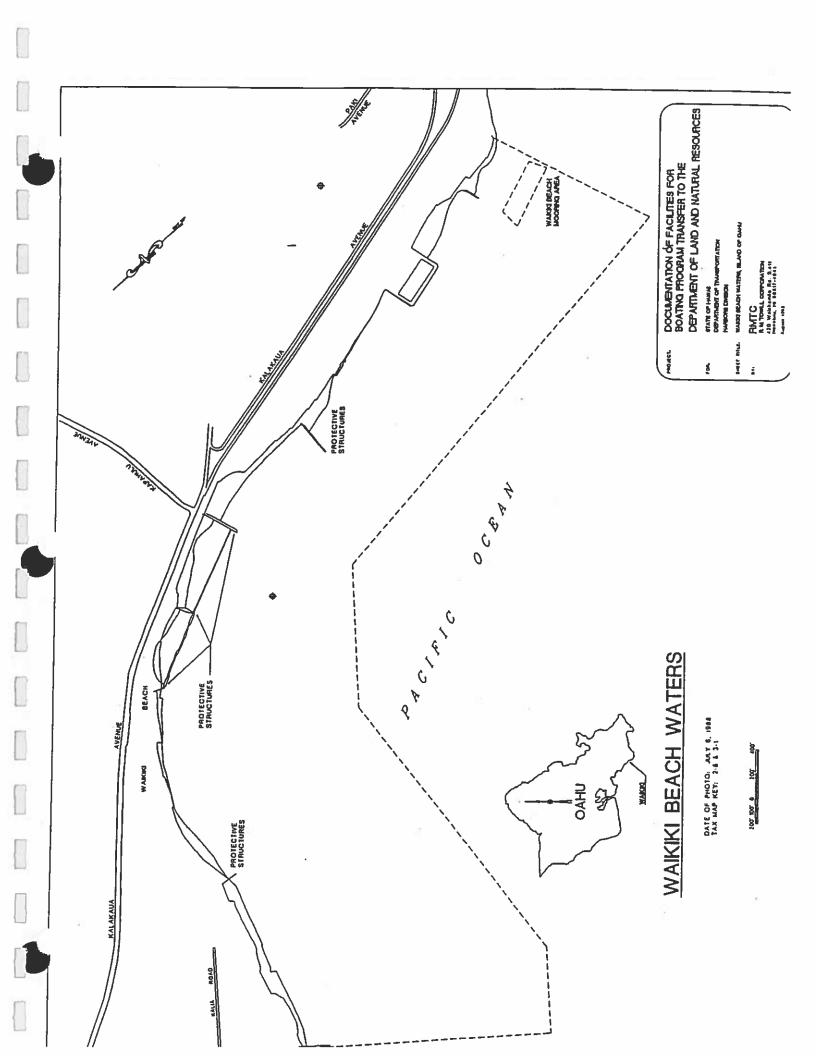
l n

Undesignated mooring

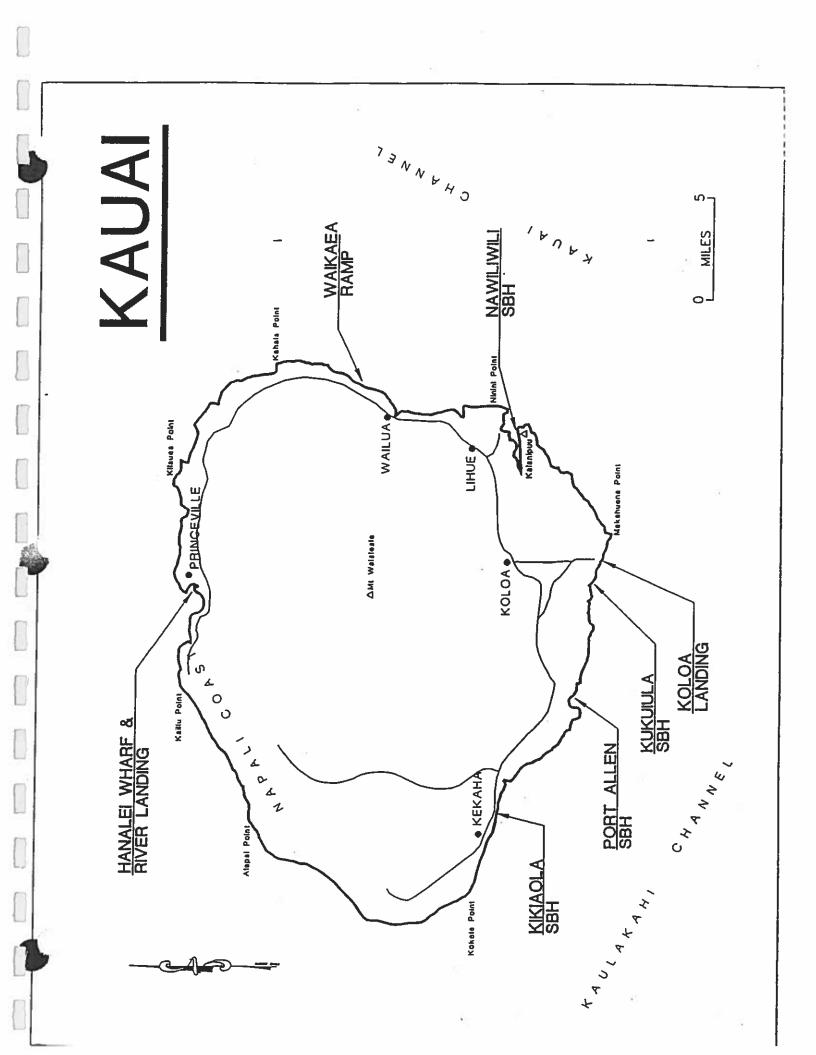
0 N/A N/A N/A

EO# 1786, 5/1/57; Cancelled by EO# 2215, 9/21/65 EO# 2945, 12/5/78

Resort and tourist beach/park area.



ISLAND OF KAUAI



Description

Authorization Construction Phases & Costs Why Built Current Use Jurisdiction Acreage Recreational Berths Moorings Ramps Piers Buildings Utilities Parking Stalls EO#, Statute, ROE Commercial Permits Leases Surrounding Uses Future Plans

47
Hanalei Wharf
Kauai
5-5-01:08
Hanalei Bay is located on the north coast of

Kauai, adjacent and west of the Princeville Resort. The bay and boating facilities are accessed from Princeville via the Kuhio Highway and the Hanelei Park Access Road. The Hanalei Bay has a semi-circular shape with a diameter of approximately 1 mile. The wharf is located on the eastern edge of the bay, just south of the Hanalei River mouth. It has been repaired as a historic landmark. The anchorage adjacent to the pier can accommodate up to 100 boats in good weather.

Territory After 1898

Freight landing and agricultural transport. Offshore area used for small boat mooring. State

0.348

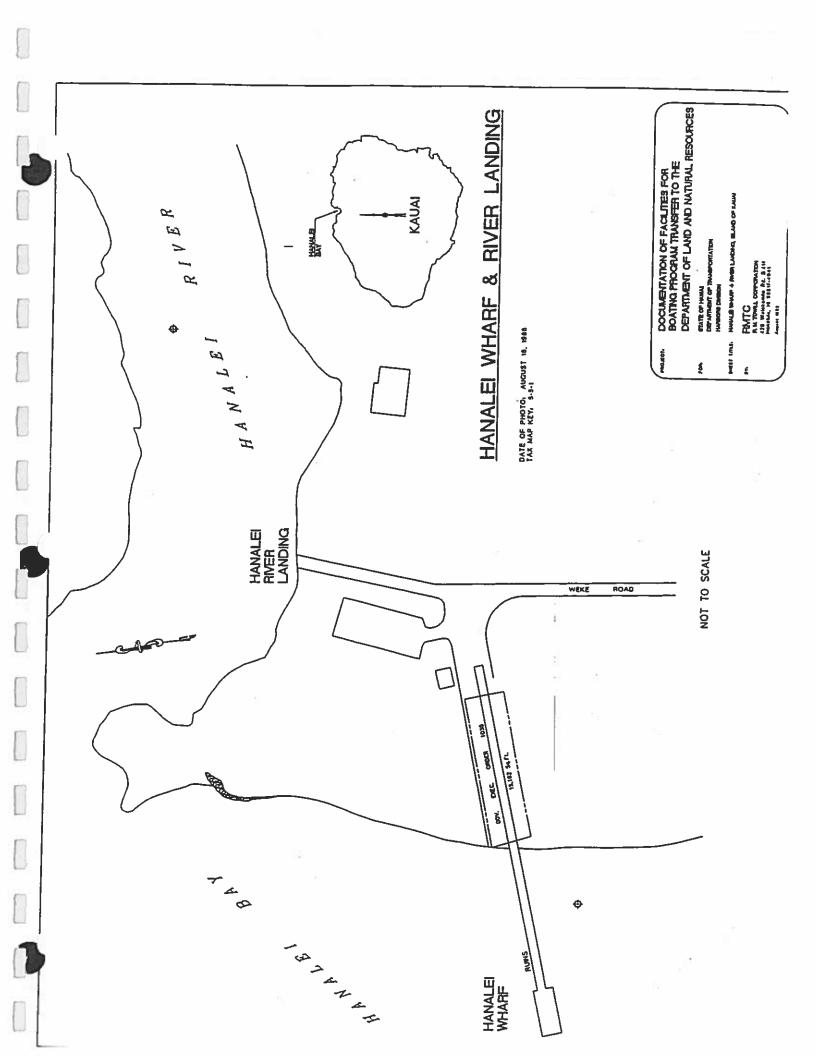
0

Undesignated mooring

(1) 0

Undesignated parking on adjacent land EO# 1035, 10/28/43 (For approach road)

Adjoining park and beach.



Description

Authorization
Construction
Phases & Costs
Why Built
Current Use
Jurisdiction
Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls

EO#, Statute, ROE Commercial Permits Leases Surrounding Uses Future Plans 48 Hanalei River Landing Kauai 5-5-01

Hanalei Bay is located on the north coast of Kauai, adjacent and west of the Princeville Resort. The bay and boating facilities are accessed from Princeville via the Kuhio Highway and the Hanelei Park Access Road.

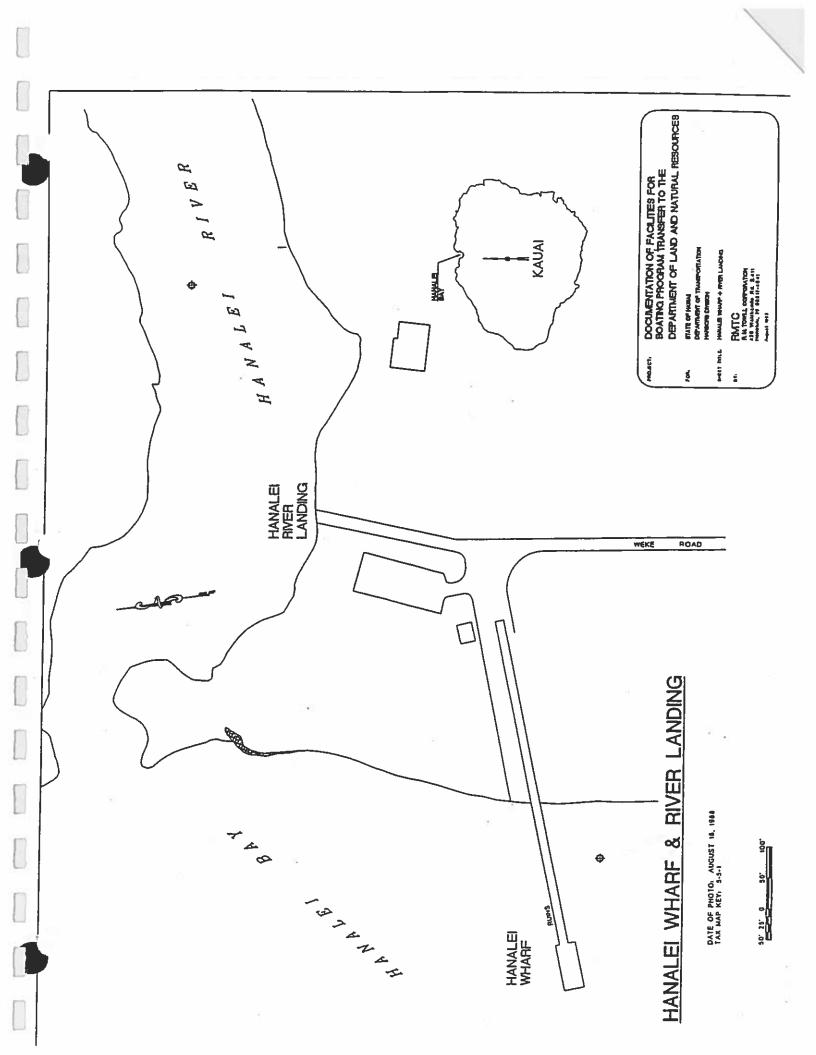
The Hanalei Bay is semi-circular in shape, with a diameter of 1 mile. Mooring is by anchor close to the eastern edge of the bay (adjacent to the wharf), or within the Hanalei River mouth, behind a shallow sand bar. The Hanalei Launching Ramp is located within this river mouth. The ramp is 18 feet wide, and consists of a single lane.

Territory

Originally a government landing C.1898 Launching of shallow draft vessels Ramp built by County under State appropriation 24.5

Only undesignated parking on adjacent vacant lands.

Adjacent park and beach



```
Number
Name
                     Kikiaola Small Boat Harbor
Island
                     Kauai
TMK
                     1-2-06
Location
                     Kikiaola SBH is located 2 miles west of the
                     Waimea River and close to the town of Kekaña on
                     the southwestern shore of Kauai. It is
                     accessible by the Kikiaola Access road from
                     the main Kaumualii Highway 50.
Description
                     The harbor is protected by a reef, East and West
                     breakwater. It consists of a single lane, 18
                     foot wide launching ramp and mooring spaces for
                     8 boats. Parking is available for 10 cars with
                     trailers.
Authorization
Construction
Phases & Costs
                     1959, Initial construction, $75,000, #932
                     1961, Part A Breakwater improvements, $12,932
                     #1179
                     1961, Part C Breakwater improvemets, $75,522,
                     #1179
                     1972, Improvements & new catwalk, $35,000, #8014
                     1985, Hurricane Iwa damage repairs, $93,320,
                     #8057
                     1986, Breakwater repairs, $275,000, #8064
Why Built
                     Small recreational boats
                     Recreational and local commcercial fishing boats
                     State of Hawaii Department of Transportation,
                     Harbors Division - Boating Branch
```

Current Use Jurisdiction

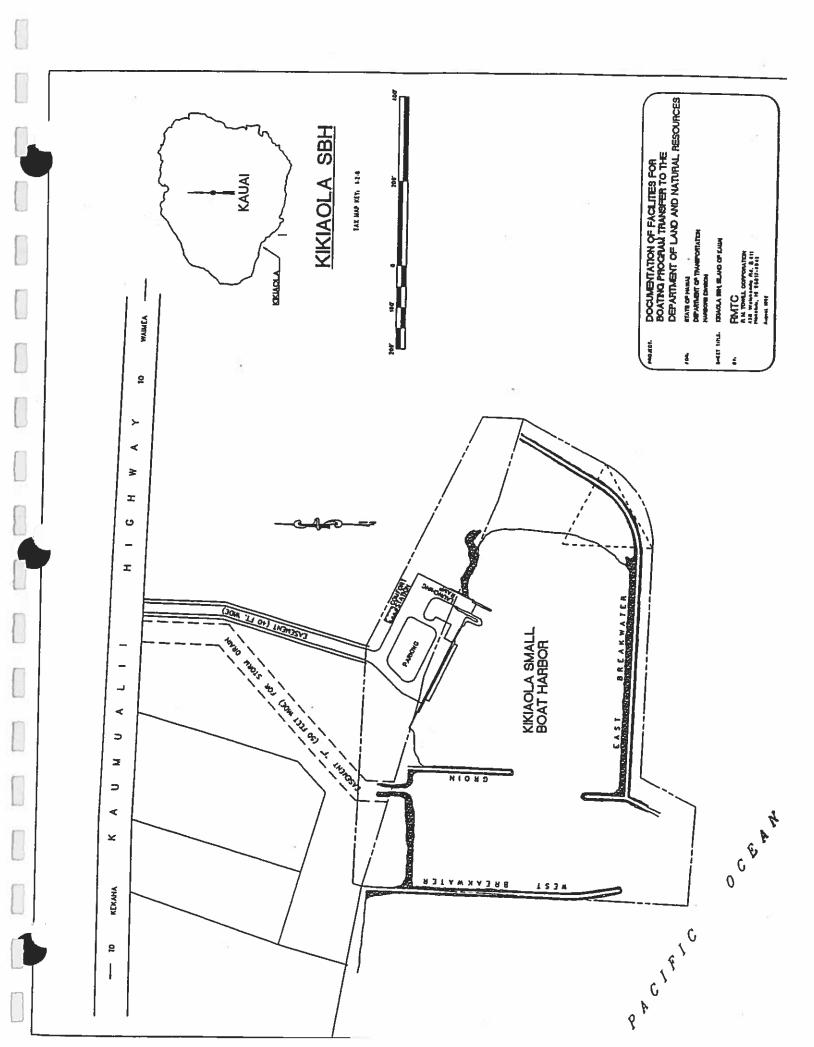
Acreage Recreational Berths Moorings Ramps Piers Buildings Utilities Parking Stalls EO#, Statute, ROE Commercial Permits Leases Surrounding Uses Future Plans

8 1 0 Comfort station Water 10 (with trailers) EO# 2137, 5/18/64; EO# 3011, 6/4/80;

Agricultural and residential Joint Federal-State project

16.362

0



Description

Authorization Construction Phases & Costs Why Built

Current Use
Jurisdiction
Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses
Future Plans

50
Koloa Ramp (also known as Koloa Landing)
Kauai
2-8-15
Koloa Ramp is located on the southeaster

Koloa Ramp is located on the southeastern shore of Kauai, at the mouth of Waikomo Stream, between Poipu and Kukuiula. Access to the ramp is along Hoonani Road and Koloa Landing road. The facility is a 15-foot wide, single lane ramp, which allows boat launching into Keawaloa Bay. An unimproved parking lot is adjacent to the ramp. The area around the ramp is unsuitable for mooring.

Koloa Sugar Company Prior to 1885

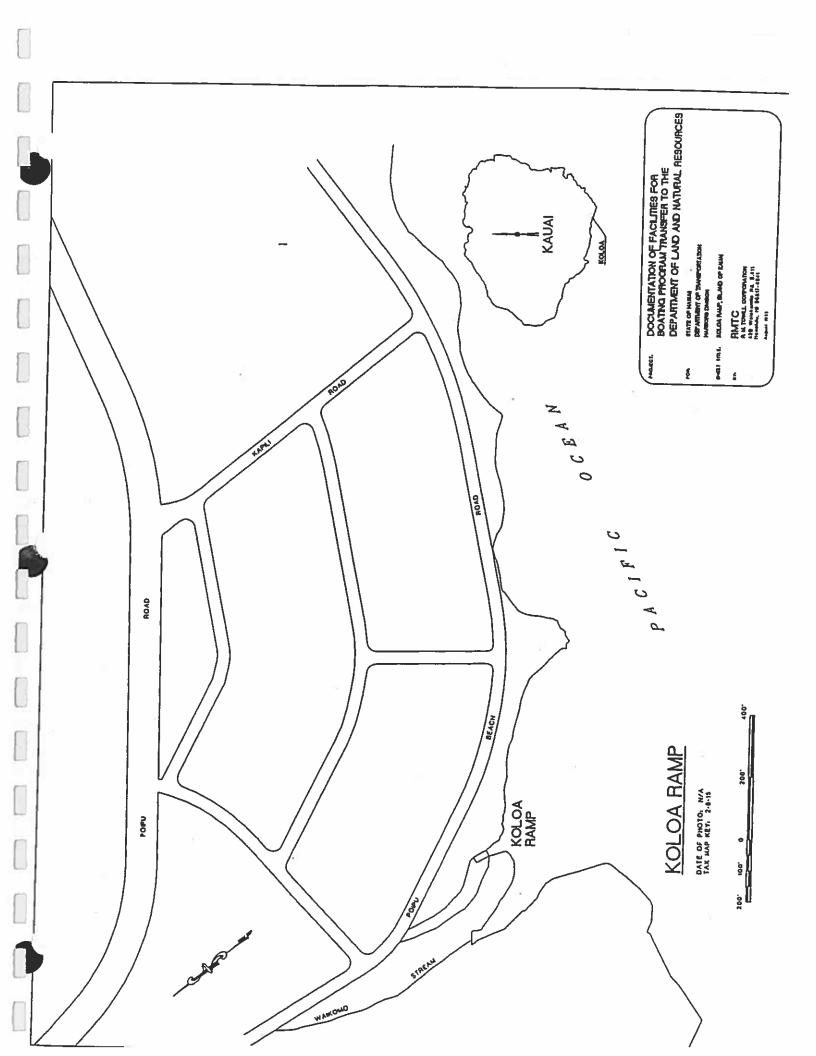
Originally a steamer and plantation landing for Koloa Sugar Company.
Launching of small boats
Knudsen Trust; 1988 Tax Map shows DOT easement.
0.43

1 0 N/A N/A

0

Undesignated parking on adjacent vacant land ROE 0.43 acres to landing

Residential and resort.



Description

Authorization Construction Phases & Costs

Why Built Current Use Jurisdiction

Acreage Recreational Berths Moorings Ramps Piers Buildings Utilities Parking Stalls EO#, Statute, ROE

1

1

Commercial Permits Leases Surrounding Uses Future Plans

Kukuiula Small Boat Harbor Kauai 2-6-03,04,11

Kukuiula is located on the southern coast of Kauai. It is approximately 6 miles east of Port Allen SBH, 12 miles southwest from Lihue and 3 miles west of Makahuena Point. There is a narrow paved road that serves the harbor. Most of the area surrounding the harbor is owned by the McBryde Sugar company.

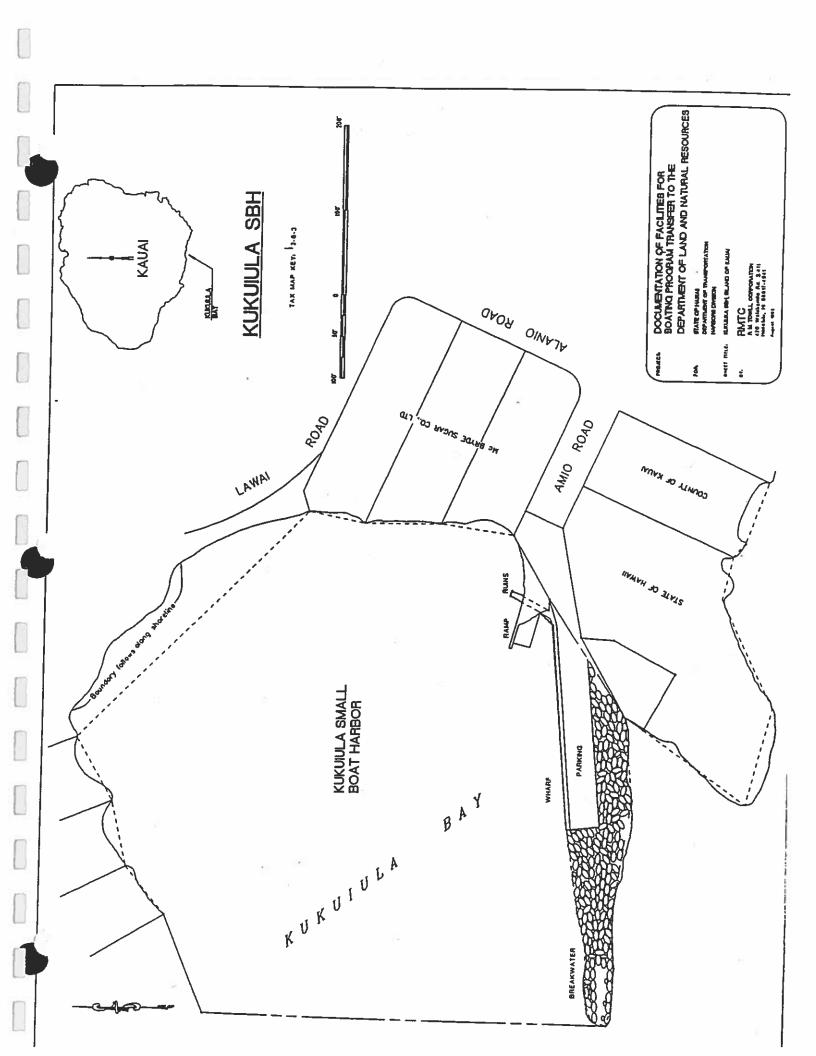
The harbor is protected by a breakwater and reef on the southeast point of the bay. Facilities include a concrete wharf, 10 mooring spots, and a single lane, 15 foot launching ramp.

1960, Old Ramp, (Cost data not available) 1961, Improvements to breakwater, \$18,830, #1135 1972, Reconstruction of Ramp, \$53,670, #8012 1985, hurricane Iwa damage repairs, \$232,745 #8058 Small boat mooring Fishing and diving boats. State of Hawaii Department of Transportation, Harbors Division - Boating Branch. 7.19 0

10 Water

Paved auto and trailer parking EO# 1747, 8/24/56; EO# 2419, 12/23/68; EO# 3114, 1/14/82; 15

Residential and park Kukuiula Planned Community



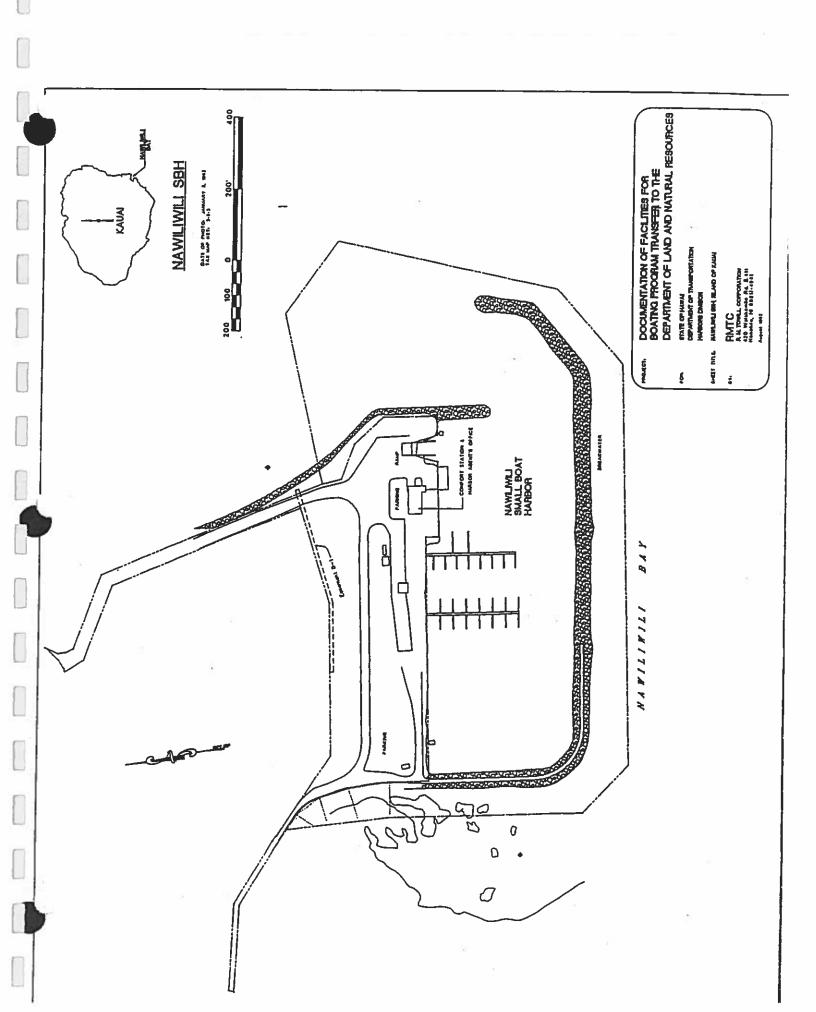
Number Name Nawiliwili Small Boat Harbor Island Kauai TMK 3-2-03 Location Nawiliwili SBH is part of the larger Nawiliwili Bay, which is located 2 miles southeast of Lihue, the county seat of Kauai. The Bay contains the major deep draft harbor for Kauai, and acts as a transportation focus for the island. Description The Nawiliwili SBH is located within a double breakwater, which is situated approximately 1/2 mile within the main commercial harbor. are two main piers and a large (but shallow) mooring area, that combined can accommmodate approximately 60 vessels. Facilities include a 30-foot wide, 2-lane launching ramp, a harbor agent's office, Comfort Station and parking for 12 cars with trailers. Authorization Federal, 1956 Construction Phases & Costs 1973, Phase I Initial dredging, \$431,665, #8002 1974, Floating dock, \$45,334, #8024 1978, Phase IIA Various improvements, \$29,299, 1980, Phase IIB Various improvements, \$421,000, #8018 Why Built Small boat mooring Current Use Mooring of commercial, charter and recreational boats. Jurisdiction State Department of Transportation, Harbors Division - Boating Branch. Acreage 31.924 Recreational Berths 48 Moorings 12 Ramps 2 Piers Buildings Harbor agent's office, Coast Guard Office and Comfort Station Utilities Water and electricity Parking Stalls 12 cars with trailers EO#, Statute, ROE EO# 3134, 3/15/82; EO# 3371, 9/1/87; Commercial Permits Leases

Residential and commercial

Additional trailer parking and washdown

Surrounding Uses

Future Plans



53

Number Name Island TMK Location

Description

Authorization Construction Phases & Costs

Why Built Current Use Jurisdiction

Acreage Recreational Berths Moorings Ramps Piers Buildings

Utilities Parking Stalls Port Allen Small Boat Harbor
Kauai
2-1-03:03
The Port Allen SBH is located on the eastern
shore of Hanapepe Bay on the south coast of
Kauai. It is approximately 8.5 miles west of
Makahuena Point, and accessed from Highway 50
through the town of Eleele.
The SBH is protected by two breakwaters and the
commercial harbor. Facilities include 40 berths
and moorings, a 2-lane 30-foot wide launching
ramp and a fishing hoist. There are parking
spaces for 40 cars (15 with trailers). The
original harbor was destroyed by Hurricane Iwa
in 1982. It was rebuilt in 1984-1986.

1935, Basin by Kauai Railway Co. (Cost data not available) 1948, Breakwater (Cost data not available) 1962, Channel (Cost data not available) 1962, Old Ramp (Cost data not available) 1962, Improvements to roads & facilities, \$226,594, #1175 1969, Breakwater modification & improvements, \$87,000, #8415 1973, Breakwater & extend catwalk, \$76,710, #8004 1981, Ramp, (Cost data not available) 1984, Phase I Hurricane Iwa repairs, \$1,750,305, #8056 1986, Phase II Hurricane Iwa repairs, \$481,555, #8056 1986, Phase III Hurricane Iwa repairs, \$275,531, #8056 1986, Phase IV Hurricane Iwa repairs, \$22,881, Recreational boating and commercial charter boats Commercial and recreational boating. State of Hawaii Department of Transportation, Harbors Division - Boating Program 12.191 34 6 2 Harbor Agent's office, Comfort Station and waste oil facility.

Water and electricity

40 (15 with trailers)

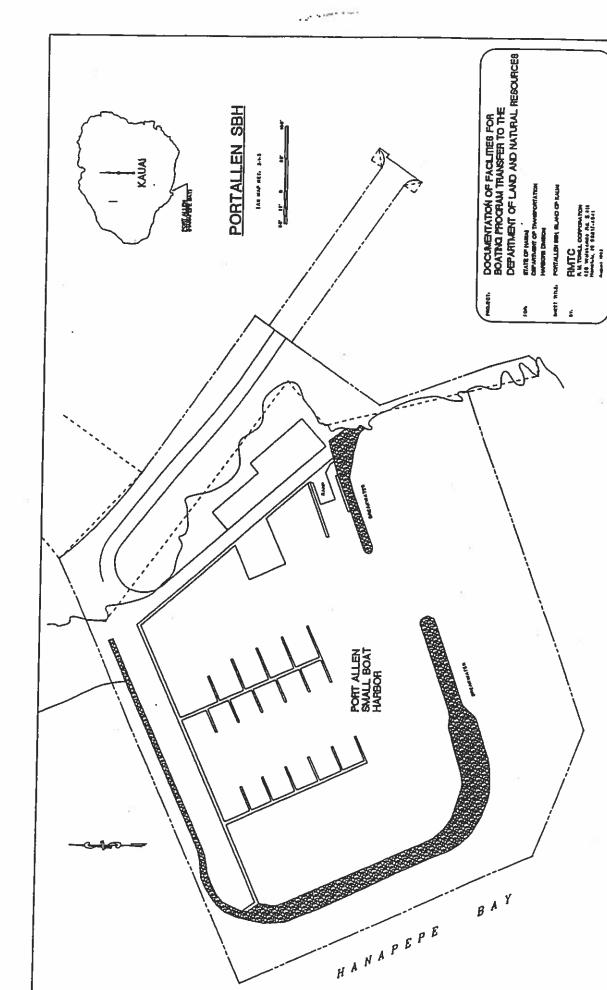
DOT Boating Program Transfer to DLNR

August 1992

EO#, Statute, ROE

Commercial Permits Leases Surrounding Uses Future Plans EO# 2039, 5/16/62; EO# 3010, 6/4/80; EO# 3030, 10/21/80;

Industrial and commercial



Description

Authorization Construction Phases & Costs

Why Built

Current Use Jurisdiction

Acreage
Recreational Berths
Moorings
Ramps
Piers
Buildings
Utilities
Parking Stalls
EO#, Statute, ROE
Commercial Permits
Leases
Surrounding Uses
Future Plans

54 Waikaea Boat Ramp (also known as Kapaa Boat Ramp) Kauai 4-5-06

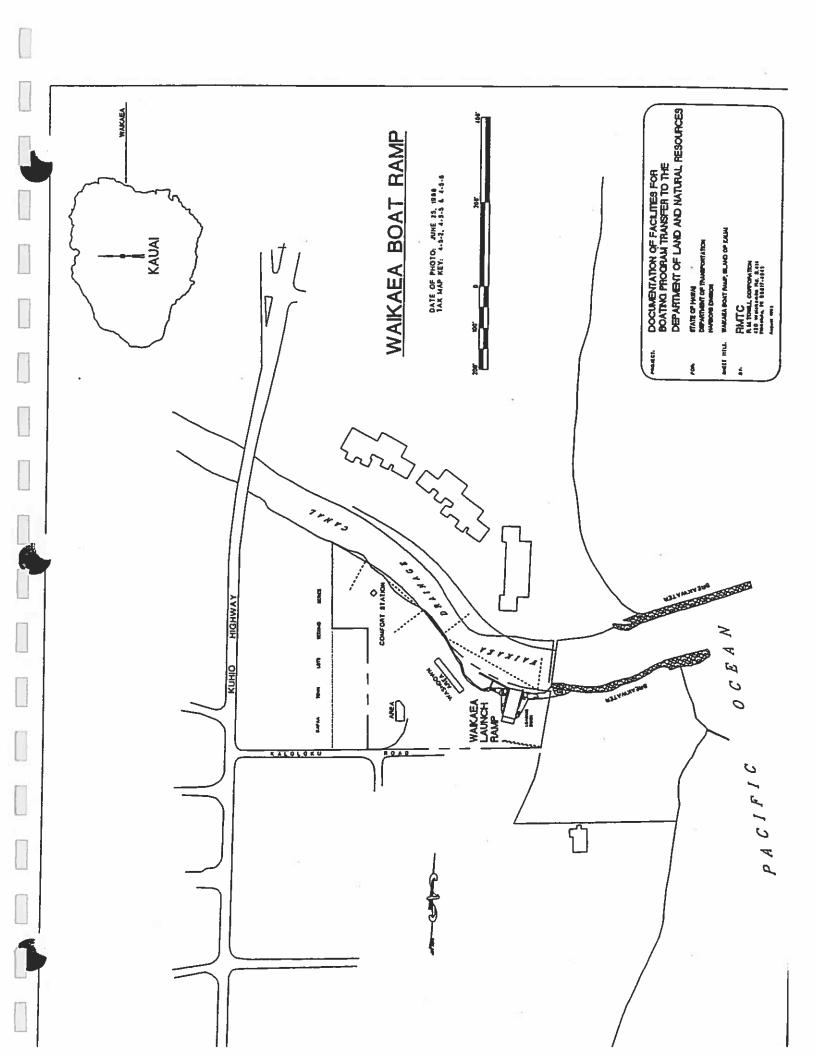
Kapaa is located on the eastern coast of Kauai, approximately 10 miles north of Lihue. The Waikaea Canal drains the Kapaa Swamp and flows through the town of Kapaa to the sea. The boat ramp is accessed from the Kuhio Highway via Kaloloku Road.

At the river mouth, two breakwaters extend perpendicular to the shore. Approximately 200 feet within the river mouth, a small 2 lane 30-foot launching ramp is located on the south shore. There is an "L" shaped loading dock that can be used for temporary mooring. The channel is only suitable for shallow drafted vessels. There is an unimproved parking lot adjacent to the ramp that can accommodate approximately 40 cars, and includes a paved washdown area.

1978, Launching ramp, \$54,295, #8025
1992, Launching facility improvements, \$280,907, #8073
Originally a private agricultural and freight landing for Makee Sugar Company
Boat lunching
Hawaii State Department of Transportation,
Harbors Division - Boating Branch
2.937
0
0

Comfort station Water Unpaved parking Area EO# 2914, 6/7/78; EO# 2968, 4/11/79;

Commercial and residential Parking lot pavement



APPENDIX - OFFSHORE MOORINGS

MOORING AREA

KAPUA

BEING SUBMERGED LAND WEST OF KAPIOLANI PARK OFFSHORE OF KAPAHULU, HONOLULU, OAHU, HAWAII

Beginning at a point at the Northwest corner of this parcel of submerged lar the coordinates of which referred to Government Survey Triangulation Station "DIAMOND HEAD 2" being 489.05 feet South and 2,375.66 feet West and running by azimuths measure clockwise from true South:

4.	146°	49'	10"		feet	along	submerged pinning and 4 acres.	land to	the poi	U
3.	48*	21'	33"	151.86	feet	along	submerged	land to	a point	٠,٠
2.	328*	20'	34"	450.48	feet.	along	submerged	land to	a point	t,
1.	252*	34'	55"	168.52	feet	along	submerged	land to	a poin	t,

1020 Auahi Street Building 6, Room 1 Honolulu, Hawaii 96814

November 16, 1990

REGISTERED TO SUPPLY STATE OF SURVEYOR

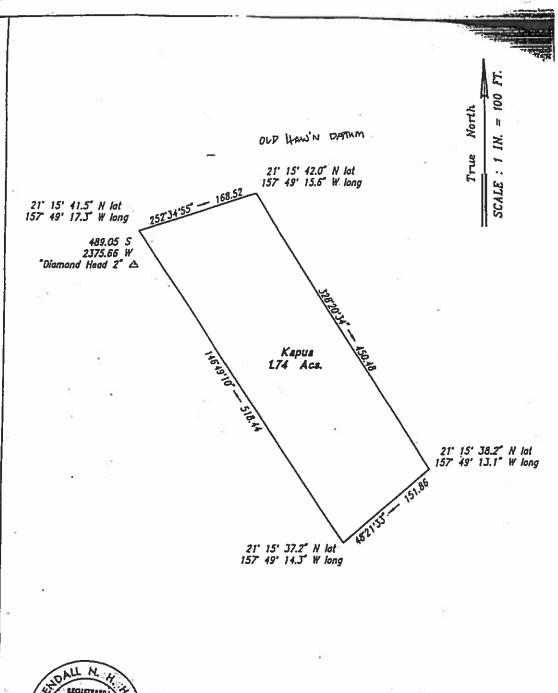
Description Prepared By:

ENGINEERS SURVEYORS HAWAII, INC.

Kendall N. H. Hee

Registered Professional Surveyor

Certificate Number 5649





Plan Showing

Offshore Mooring Area State of Hawaii Offshore of Kapahulu, Honolulu, Oahu, Hawai

T.M.K. : 3-1-32

Registered servers and surveyor Cartificate Number Selections

Client: Department of Transportation

Harbors Division

Ronolulu, -Rawaii

ENGINEERS SURVEYORS HAWAII, INC. CIVIL ENGINEERS - LAND SURVEYORS - PLANNERS 1020 Aushi Str. November 198

EXHIBIT "A"

CONTENTS DESCRIPTION OF THE AGREEMENT OF BOATOWNER PURSUANT TO SECTION 19-62-2 OF THE SMALL BOAT ARBORS REGULATIONS, INCLUDING OFFSHORE MOORING

An agreement effectuating provisions of Section 19-62-2 of the small boat harbors rules, including offshore mooring, may contain the following terms, covenants and conditions:

- The owner's certification of all information contained in the application and submitted by him, as being true.
- The owner's covenant to abide by any and all provisions of the small boat harbors rules, including offshore mooring, and the incorporation by reference of such rules into the agreement.
- 3. The owner's authorization of the state to assign and reassign berths and spaces for his vessel in accordance with section 19-62-7 of the small boat harbors rules, including offshore mooring.
- 4. A provision stating that all persons signing the agreement shall be jointly and severally liable for the full performance of all terms, covenants and conditions thereof.
- 5. The owner's authorization of the state to board his vessel to effect reasonable inspection in the manner and pursuant to procedures set out in section 19-62-8 of the small boat harbors rules, including offshore mooring.
- 6. The owner's covenant to pay all applicable fees and charges, and his authorization of the state to assess collection and service charges for the delinquent payment thereof.

- 7. The owner's covenant to indemnify the state and its officers and employees for damages and injuries arising out of the owner's exercise of privileges granted by the use permit.
- A provision that the term of the agreement and use permit shall terminate upon expiration of the period stated therein pursuant to section 19-62-5 of the small boat harbors rules, including offshore mooring, thereby requiring a renewal of the agreement and use permit in order that the owner may continue to use the small boat harbor and its facilities.
- 9. A provision that the use permit with its attendant privileges is revocable and cancellable in accordance with sections 19-62-9 and 19-62-10 of the small boat harbors rules, including offshore mooring; and the owner's covenant to pay, upon his failure to promptly remove his vessel from the small boat harbor upon revocation, cancellation or termination of the use permit, a reasonable sum to be established between the parties and to be made a part of the agreement, as liquidated damages.
- 10. The owner's authorization of the state to reasonably effect the removal of his vessel pursuant to sections 19-62-10 and/or 19-62-17 of the small boat harbors rules, including offshore mooring.
- 11. The owner's covenant to pay all costs and attorney's fees, including costs of collection of delinquent fees and charges in the event the state is forced to institute a suit against the owner of his violation of any and all provisions of the small boat harbors rules, including offshore mooring, and/or the agreement, and is successful in such suit.
- 12. A provision stating that neither the agreement, use permit or the privileges attendant thereto is assignable nor in any way transferable, in part or in its entirety.

- 13. An open provision to enable the state and the owner to negotiate additional terms, covenants and conditions as may be proper under the particular circumstances, including but not limited to provisions requiring sufficient comprehensive liability insurance coverage and performance and/or compliance bonds in such amounts as may be warranted under the circumstances.
- 14. A provision that in the event the fees and charges which shall have accrued in favor of the department shall not be paid as provided in these small boat harbors rules, including offshore mooring, the department may, after reasonable notice, take possession of the vessel, its tackle, apparel, fixtures, equipment and furnishings, and may retain such possession until all charges then owing and any charges which shall thereafter accrue are fully paid and the remedy thus provided is in addition to and not in lieu of any other remedies which the department may have by virtue of statute or otherwise.

MOORING AREA

KAPUA

BEING SUBMERGED LAND WEST OF KAPIOLANI PARK OFFSHORE OF KAPAHULU, HONOLULU, OAHU, HAWAII

Beginning at a point at the Northwest corner of this parcel of submerged lar the coordinates of which referred to Government Survey Triangulation Station "DIAMOND HEAD 2" being 489.05 feet South and 2,375.66 feet West and running by azimuths measure clockwise from true South:

1.	252°	34'	55"	168.52 fe	et along submerged land to a point,
2.	328°	-201	34"	450.48 fe	et along submerged land to a point,
з.	48*	21'	33"	151.86 fe	et along submerged land to a point,
4.	146°	49'	10"	518.44 fee	et along submerged land to the poir of beginning and containing an a of 1.74 acres.

REGISTERED PROFESSIONAL LAND SURVEYOR

WAII,

1020 Auahi Street Building 6, Room 1 Honolulu, Hawaii 96814

November 16, 1990

Description Prepared By:

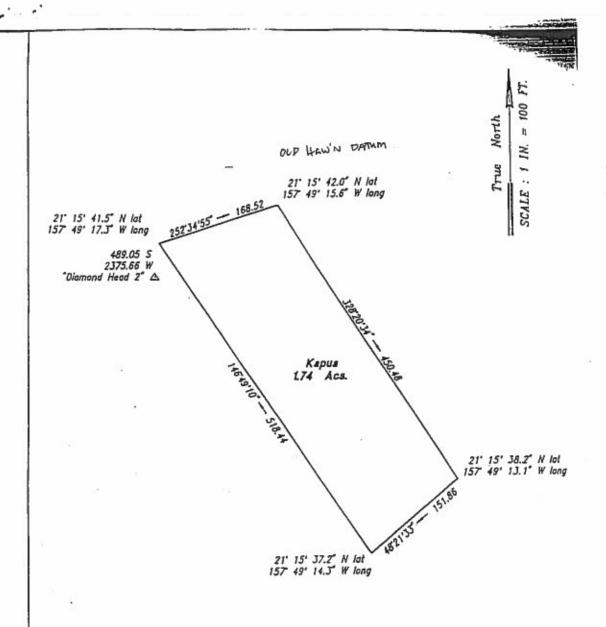
ENGINEERS SURVEYORS HAWAII, INC.

Kendall N. H. Hee

Registered Professional Surveyor Certificate Number 5649

90-52

MAD)





Plan Showing

Offshore Mooring Area State of Hawaii Kapua Offshore of Kapahulu, Honolulu, Oahu, Hawai

T.M.K.: 3-1-32

required professional to Cartificate Number 5649

Client: Department of Transportation Harbors Division

ENGINEERS SURVEYORS HAWAII, INC. - CIVIL ENGINEERS - LAND SURVEYORS - PLANNERS

1020 Aushi Str November 191

Beginning at a point on the water located by azimuths measured clockwise from True South, 030 degrees for a distance of three thousand six hundred ninety feet from the Ke'ehi Barge Channel front range light (USCGLL#29315), then 054 degrees for a distance of four thousand four hundred ten feet; 323 degrees for a distance of three hundred seventy-five feet; 234 degrees for a distance of four thousand four hundred ten feet; then in a straight line to the point of beginning.

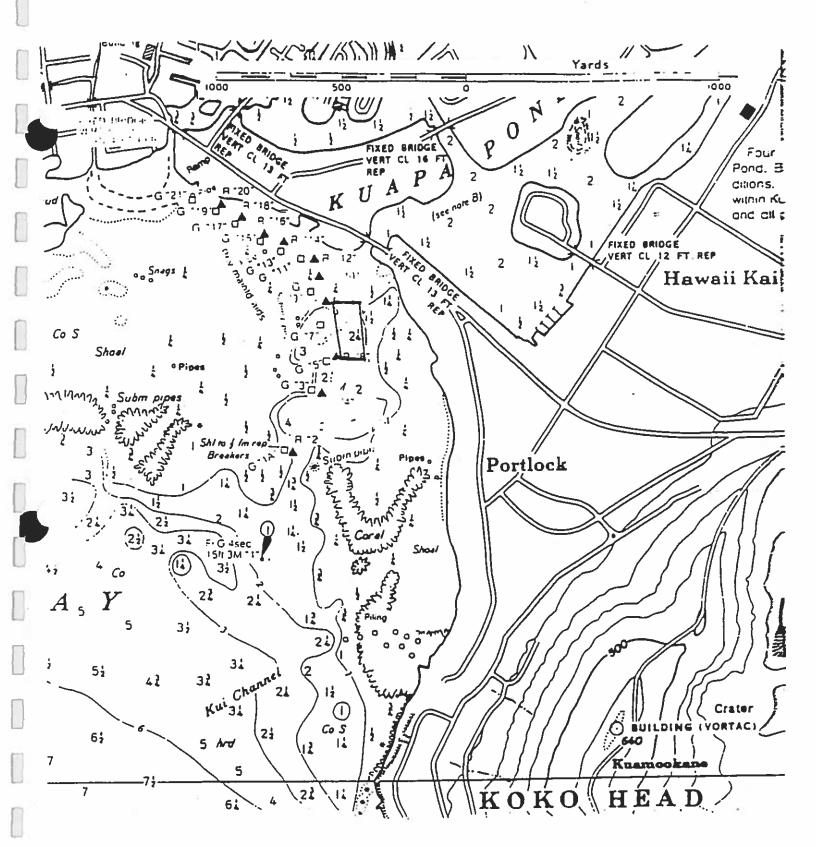
(b) The Ke'ehi Lagoon temporary anchorage area is designated for the temporary anchoring of vessels in excess of sixty-five feet in length. This area shall be phased out within twelve months of the effective date of these rules. Any vessel located in the temporary anchorage area shall be required to make arrangements for mooring elsewhere after that date.

[Eff] (Auth: HRS §§200-1, 200-2, 200-3, 200-6) (Imp: HRS §§200-1, 200-2, 200-3, 200-6)

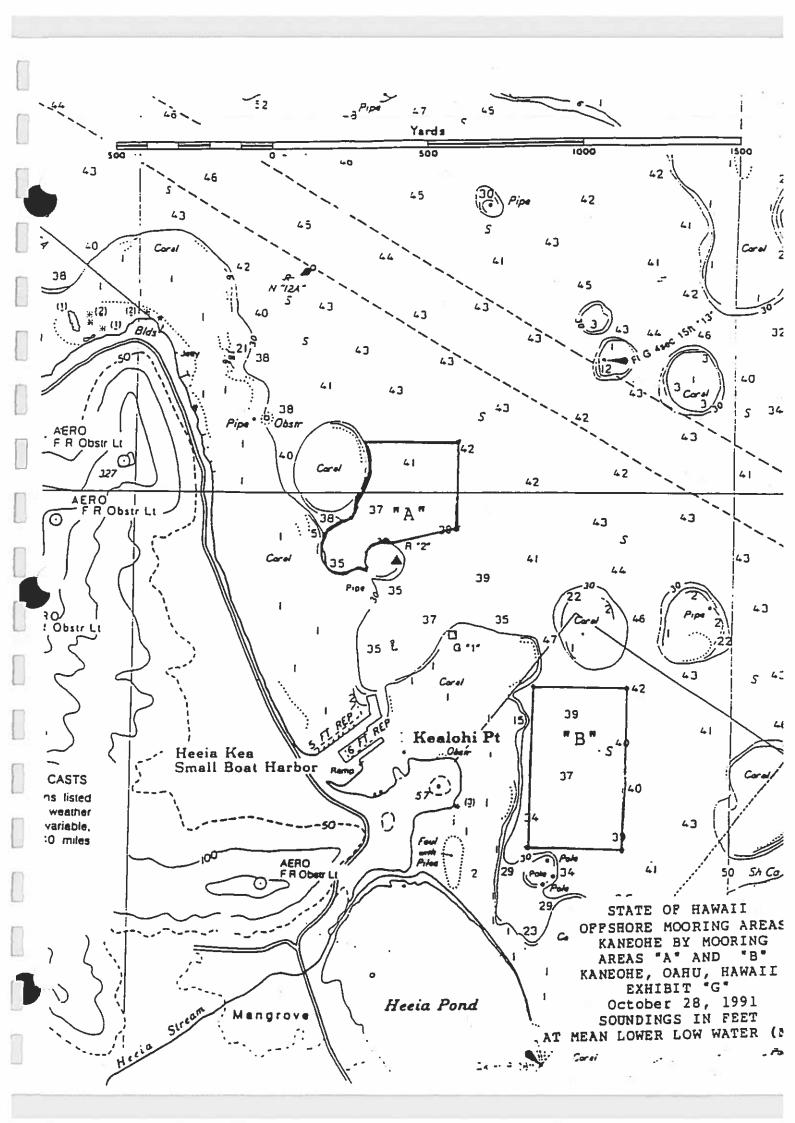
§13-235-33 <u>Kapua Channel mooring area</u>. (a) The Kapua Channel mooring area means the area designated and shown on Exhibit "E", dated July 15, 1990, which is located at the end of this subchapter. The boundaries are as follows:

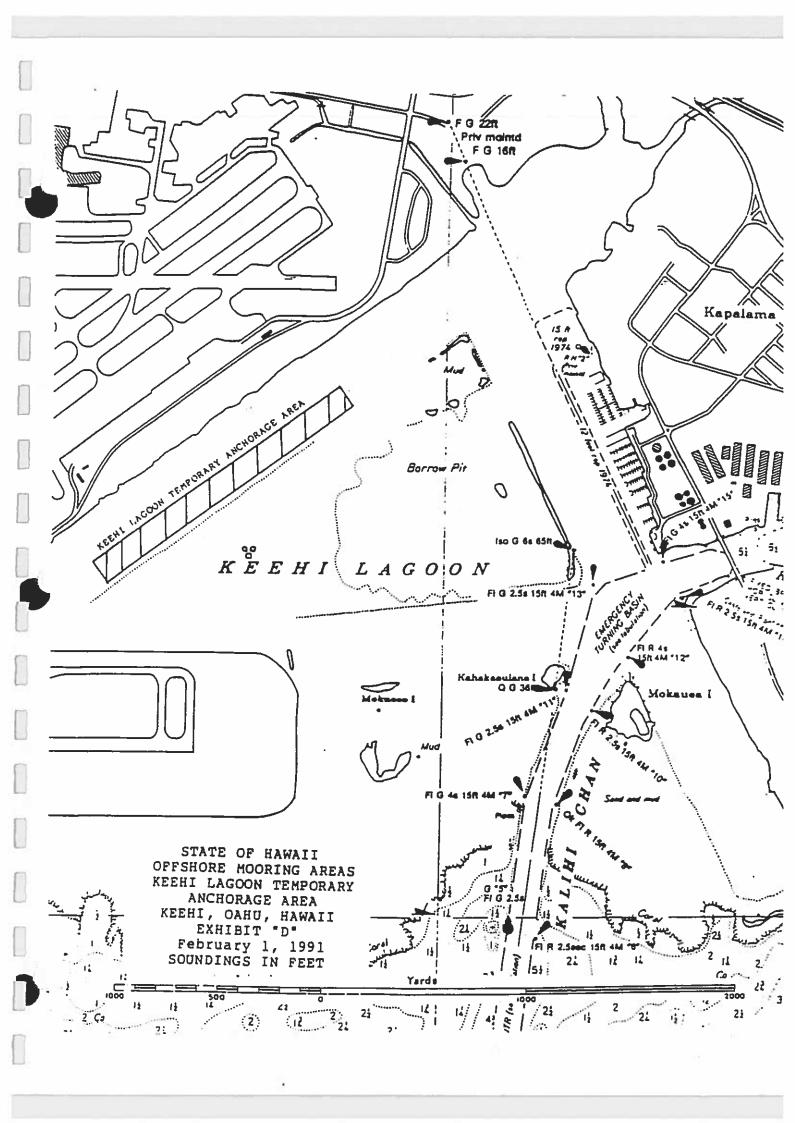
Beginning at a point at the low water mark of the tip of the rock groin fronting the Northwest boundary of the Colony Surf Hotel by azimuths measured clockwise from true South 040 degrees for a distance of one hundred twenty feet; 328 degrees for a distance of four hundred fifty feet; 48 degrees 21 minutes for a distance of one hundred fifty-one feet; 146 degrees 49 minutes for a distance of five hundred eighteen feet; 252 degrees 34 minutes for a distance of one hundred sixty-eight feet to the point of beginning.

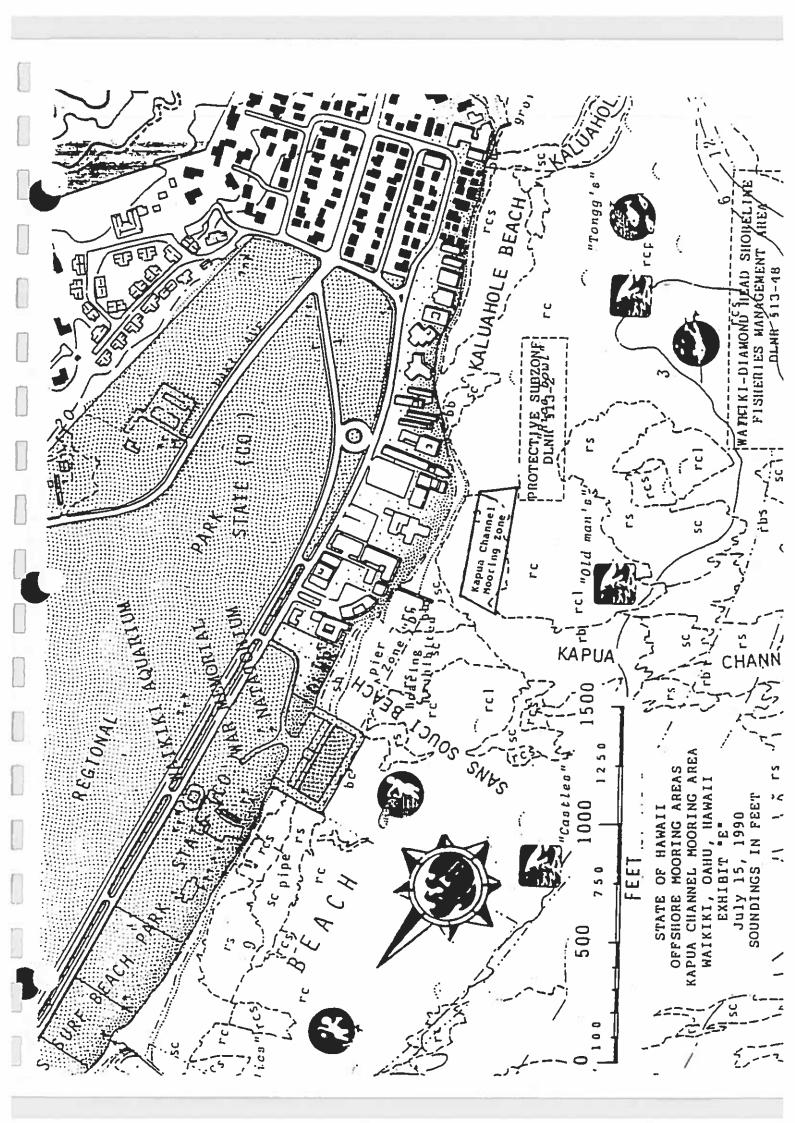
§13-235-34 Maunalua Bay mooring area. (a) The Maunalua Bay Mooring Area means the area confined by the boundaries shown for said mooring area on Exhibit "F", dated, July 15, 1990, located at the end of this subchapter. The boundaries are as follows:

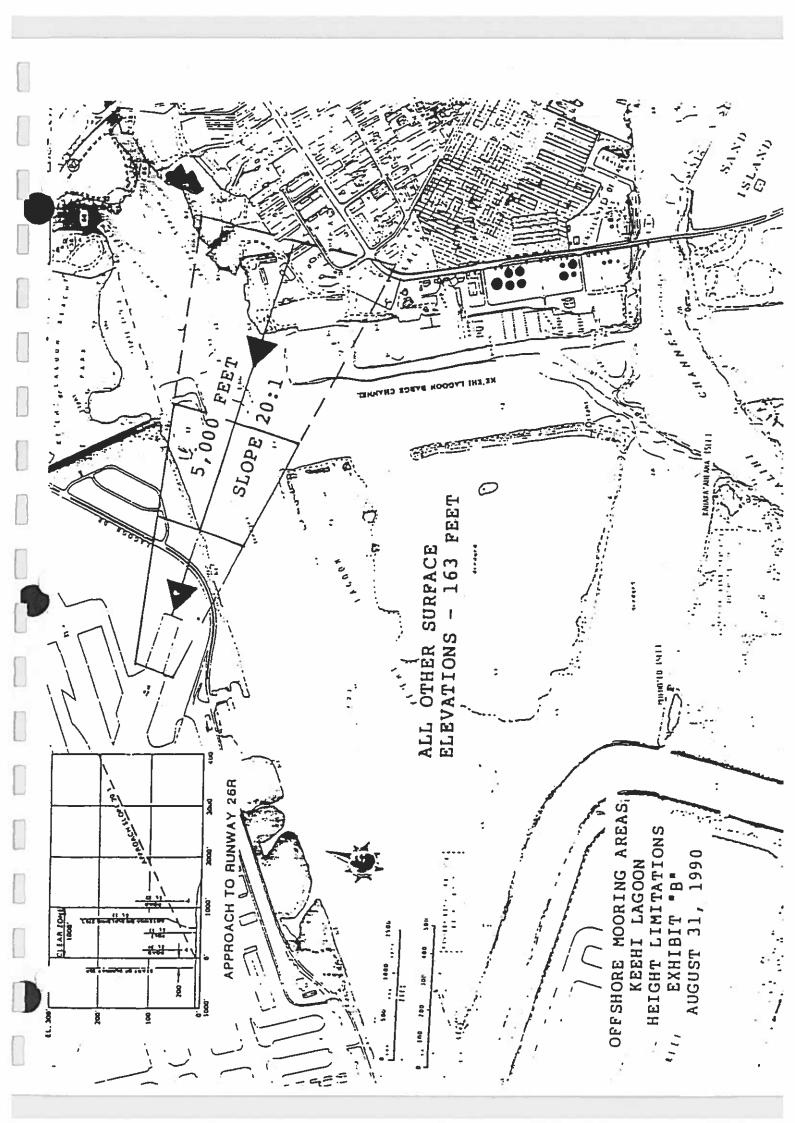


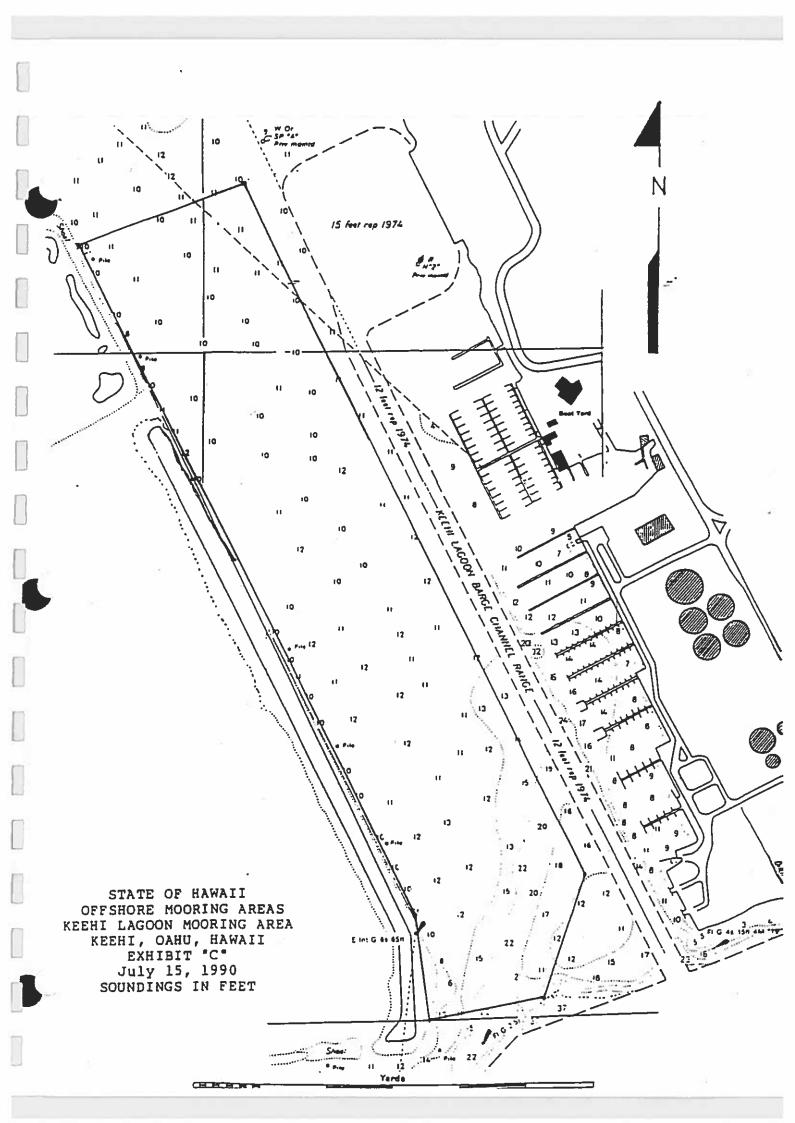
STATE OF HAWAII
OFFSHORE MOORING ZONES
MAUNALUA BAY MOORING ZONE
HAWAII-KAI, OAHU, HAWAII
EXHIBIT "F"
JULY 15, 1990
SOUNDINGS IN FATHOMS

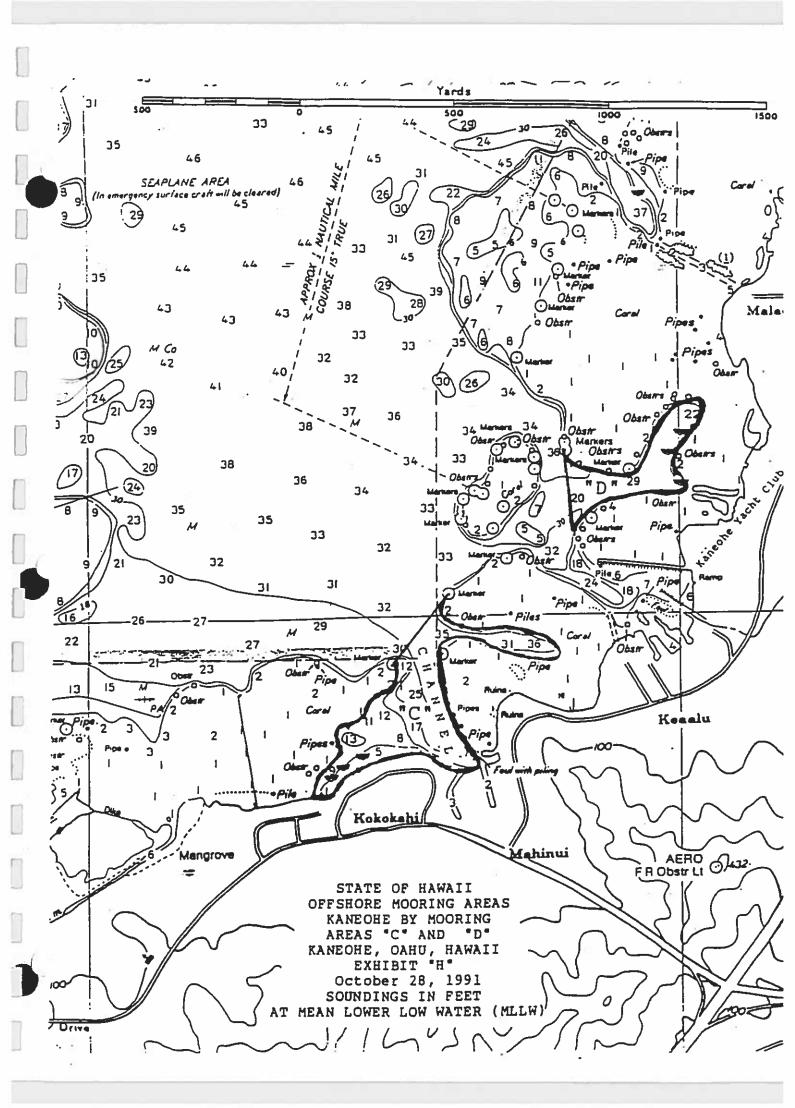












DEPARTMENT OF TRANSPORTATION

Amendments to Chapters 19-61, 19-62, 19-63 and 19-65, Hawaii Administrative rules, were adopted on December 20, 1991, following public hearings held on October 8, 1991 at Puuhale Elementary School Cafetorium and on October 10, 1991, at S. W. King Intermediate School, after public notice was given in the Honolulu Advertiser and Honolulu Star Bulletin on September 3, 1991.

These amendments shall take effect ten days after filing with the Office of Lieutenant Governor

Director of Transportation

APPROVED AS TO FORM:

Deputy Attorney General

JOHN D. WAIHEE

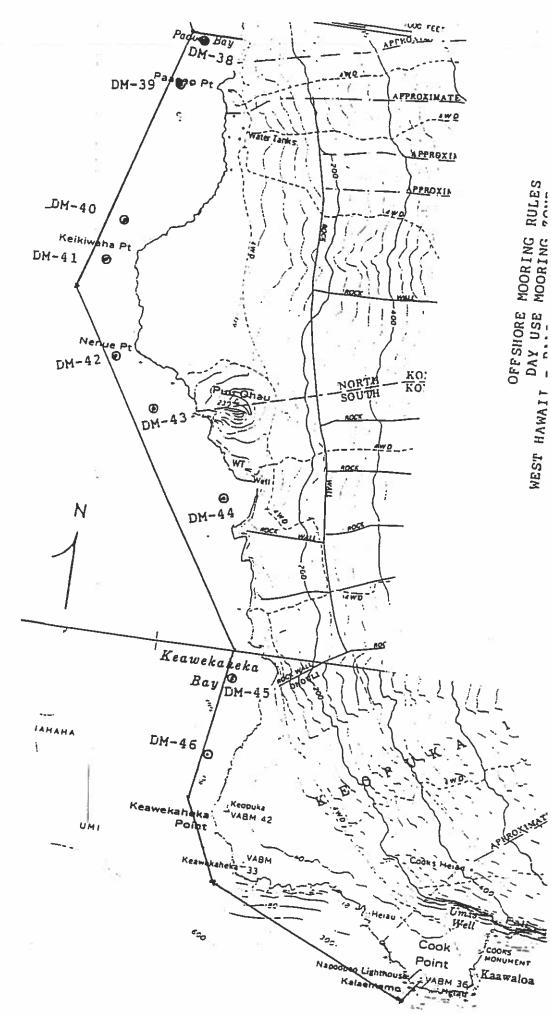
Governor

State of Hawaii

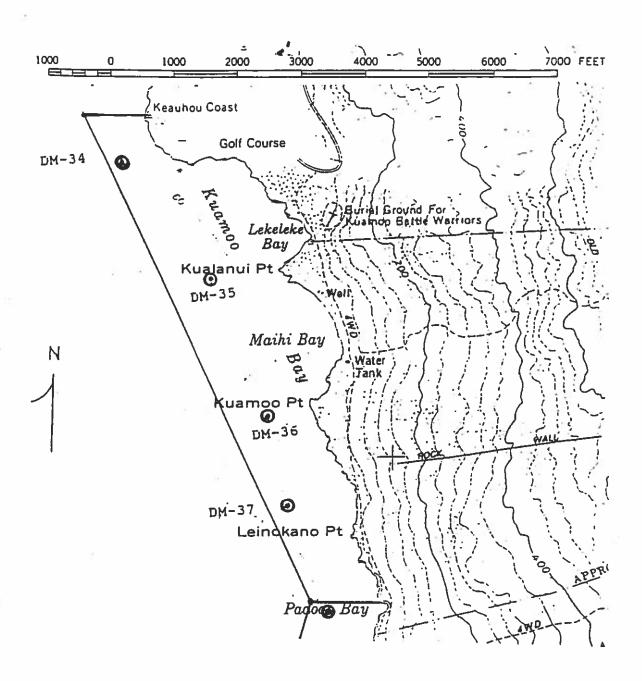
Date: JAN 2 3 1992

JAN 23 1992

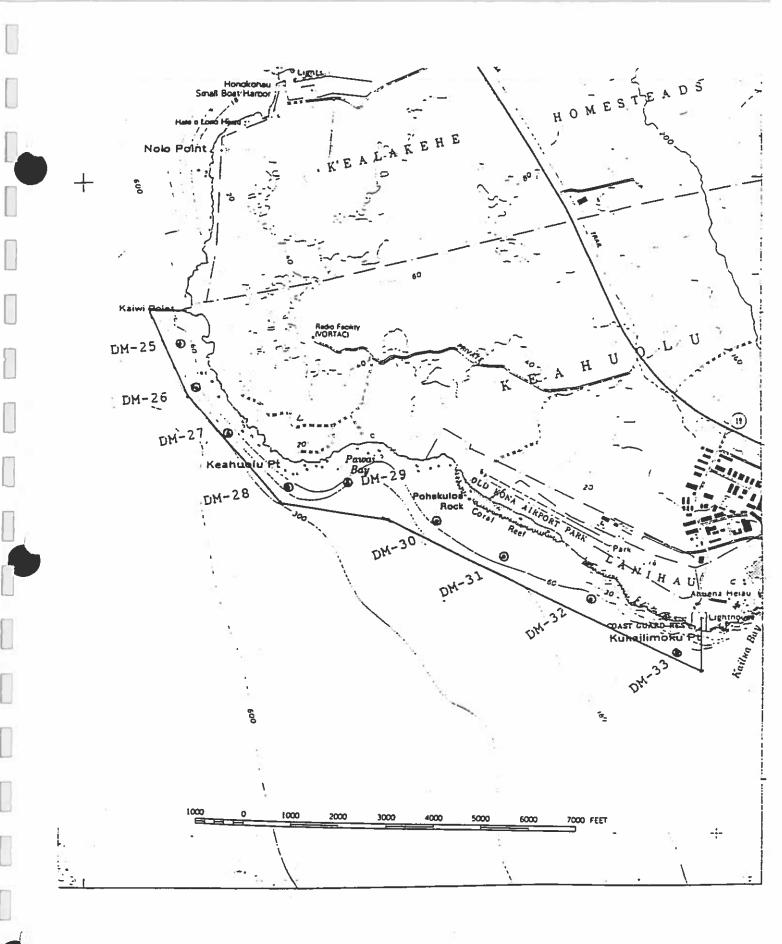
Piled:



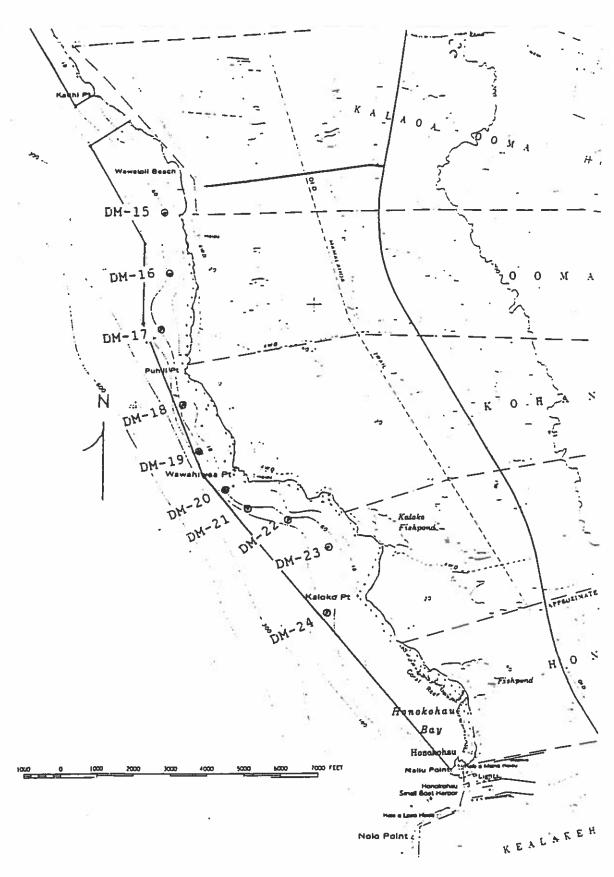
WEST HAWAIT



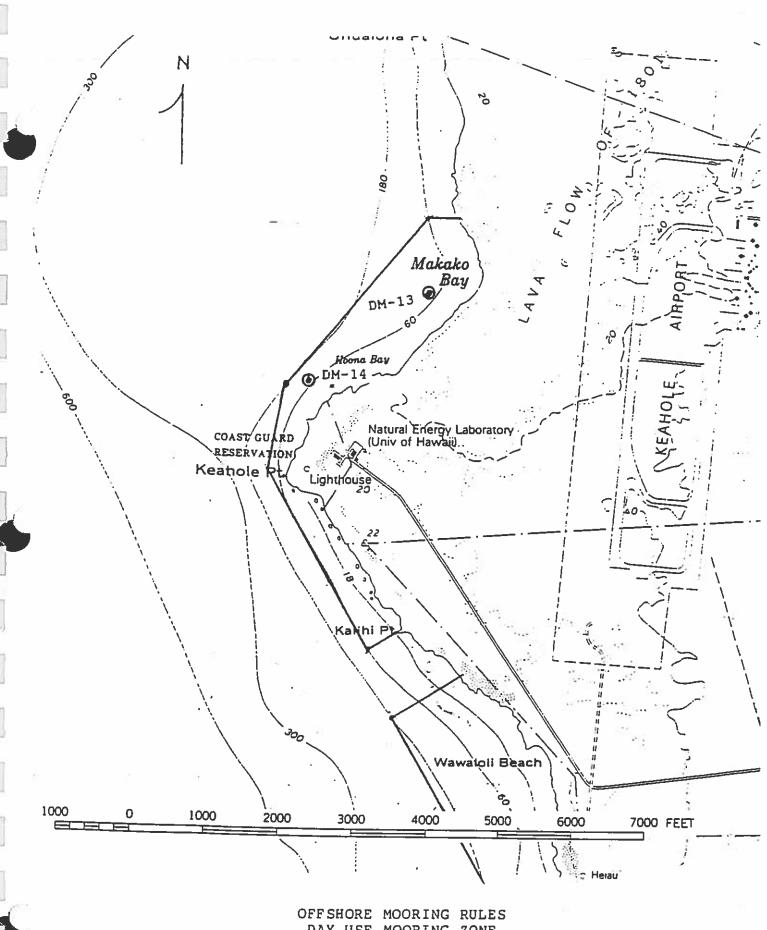
OFFSHORE MOORING RULES
DAY USE MOORING ZONE
WEST HAWAII - KUAMOO BAY TO PAAOAO BAY
NORTH KONA, HAWAII
EXHIBIT "DM-08"
NOVEMBER 15, 1990
SOUNDINGS IN FEET



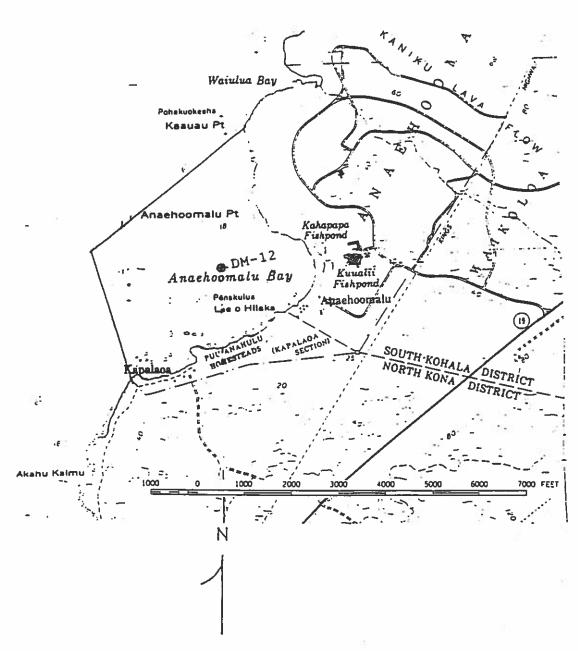
OFFSHORE MOORING RULES
DAY USE MOORING ZONE
WEST HAWAII - KAIWI POINT TO KUKAILIMOKU POINT
NORTH KONA, HAWAII
EXHIBIT "DM-07"
NOVEMBER 15, 1990
SOUNDINGS IN FEET



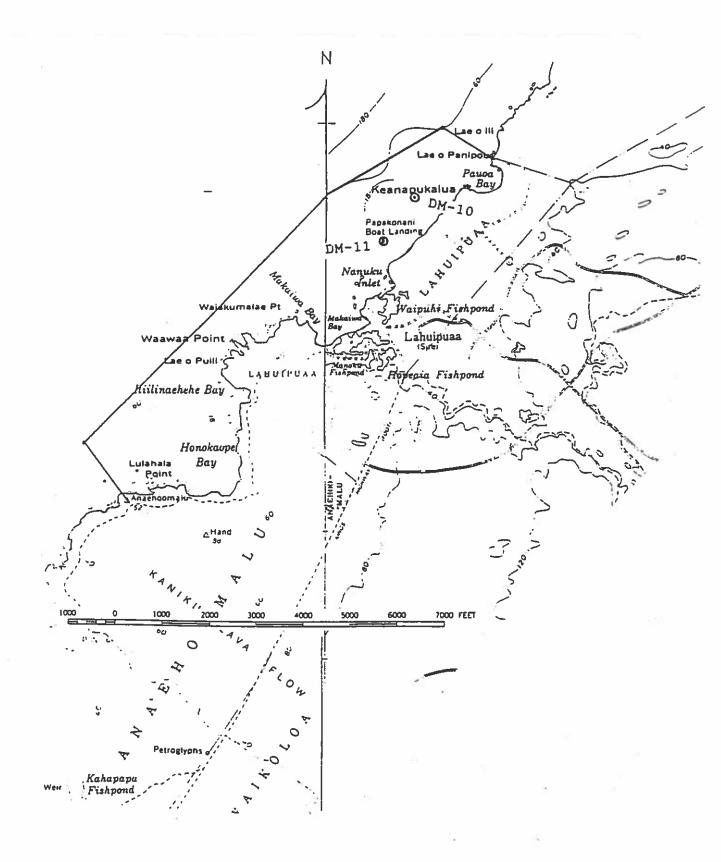
OFFSHORE MOORING RULES
DAY USE MOORING ZONE
WEST HAWAII - WAWALOLI BEACH TO MALIU POINT
NORTH KONA, HAWAII
EXHIBIT "DM-06"
NOVEMBER 15, 1990
SOUNDINGS IN FEET



OFFSHORE MOORING RULES
DAY USE MOORING ZONE
WEST HAWAII - MAKAKO BAY TO KALIHI POINT
NORTH KONA, HAWAII
EXHIBIT "DM-05"
NOVEMBER 15, 1990
SOUNDINGS IN FEET



OFFSHORE MOORING RULES
DAY USE MOORING ZONE
WEST HAWAII - KAAUAU POINT, SOUTH KOHALA
TO
KAPALAOA POINT, NORTH KONA, HAWAII
EXHIBIT "DM-04"
NOVEMBER 15, 1990
SOUNDINGS IN FEET



OFFSHORE MOORING RULES

DAY USE MOORING ZONE

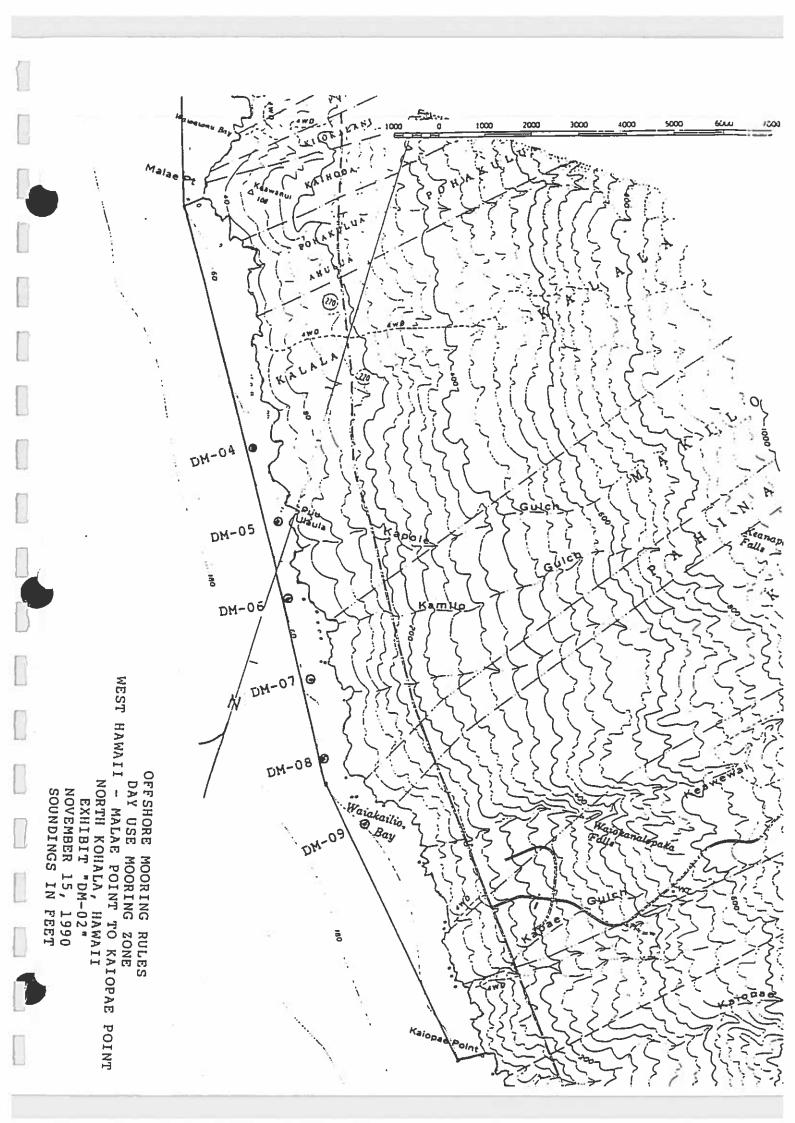
WEST HAWAII - PAUOA BAY TO MAKAIWA BAY

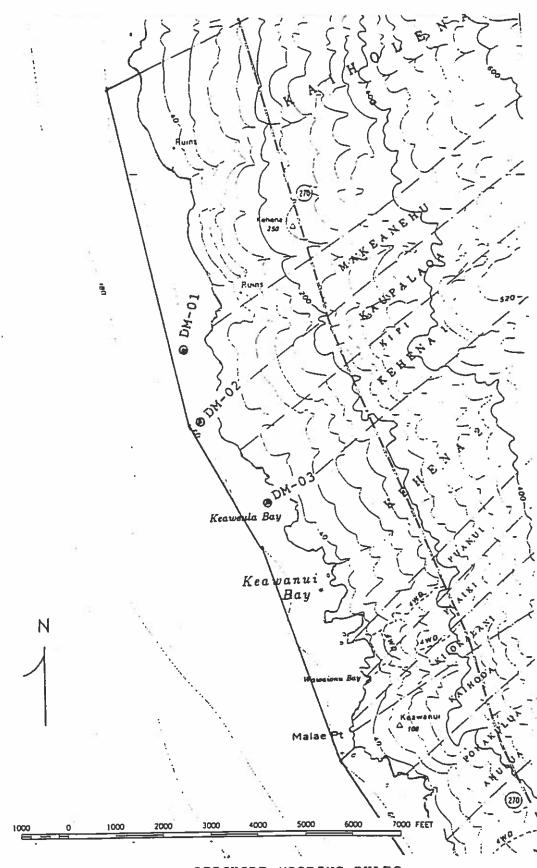
SOUTH KOHALA, HAWAII

EXHIBIT "DM-03"

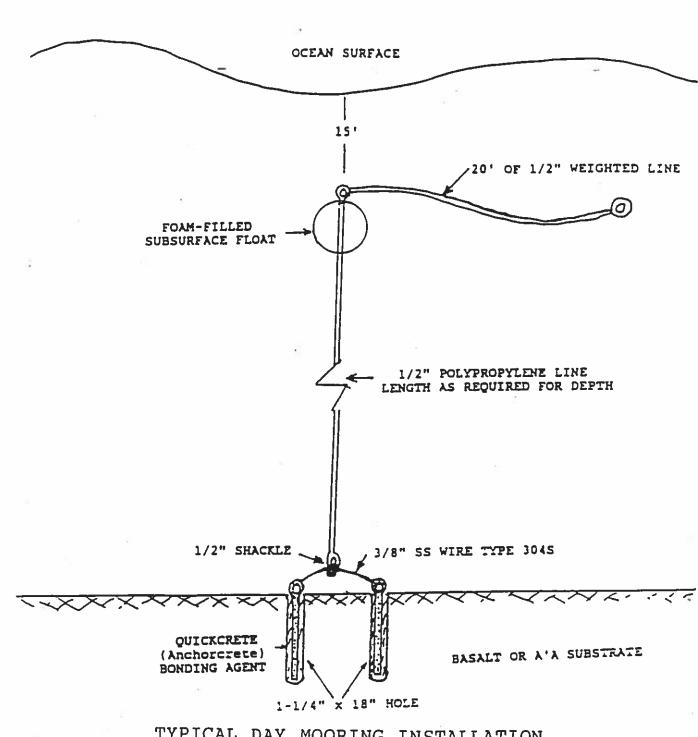
NOVEMBER 15, 1990

SOUNDINGS IN FEET



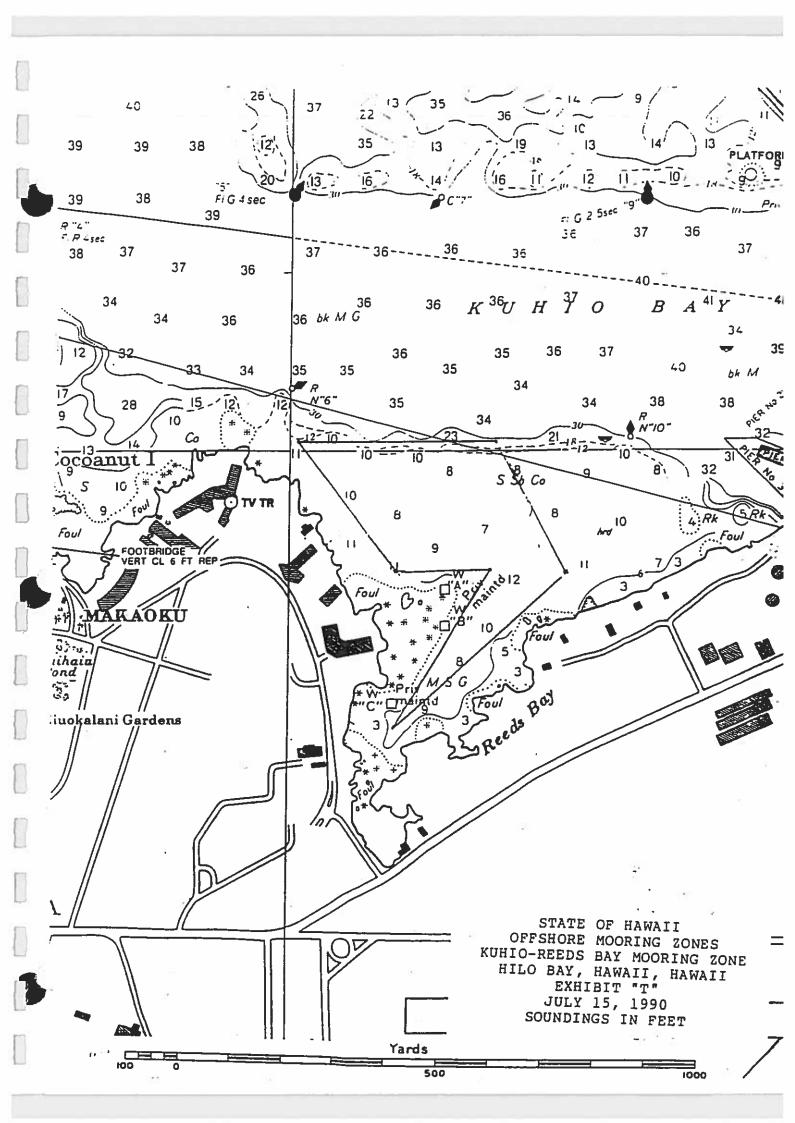


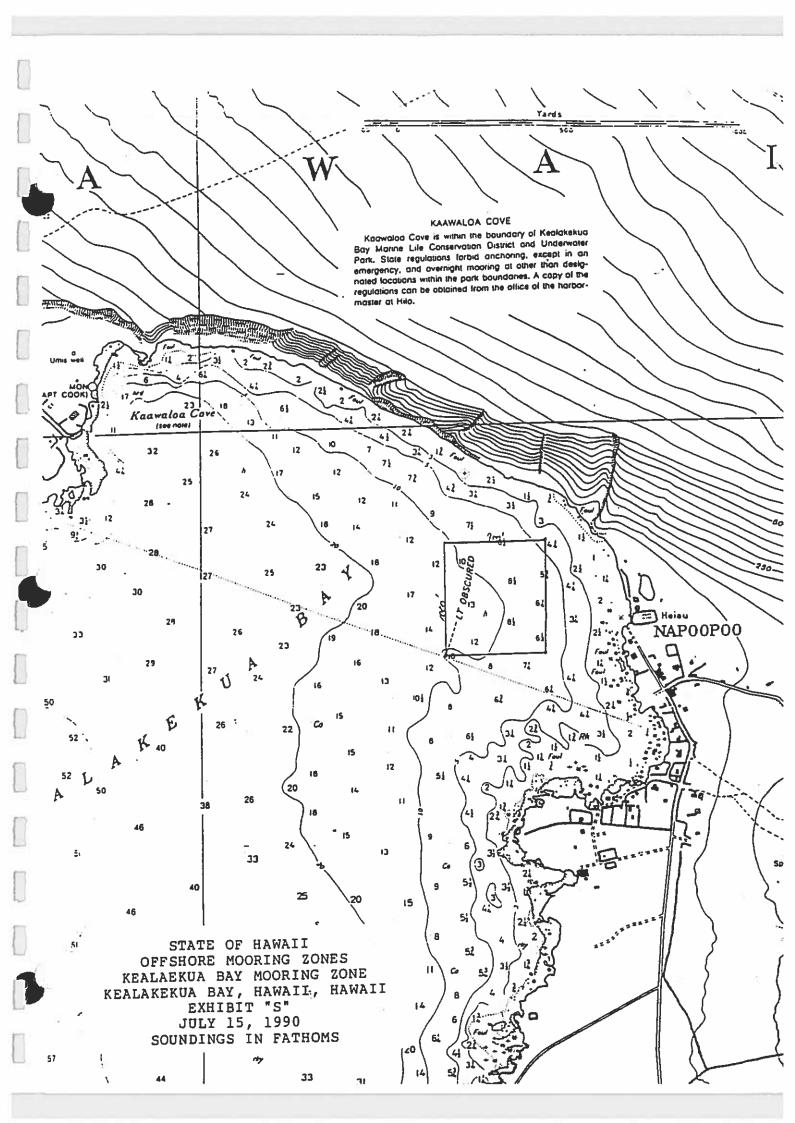
OFFSHORE MOORING RULES
DAY USE MOORING ZONE
WEST HAWAII - MAKEANEHU TO KEAWANUI BAY
NORTH KOHALA, HAWAII
EXHIBIT "DM-01"
NOVEMBER 15, 1990
SOUNDINGS IN FEET

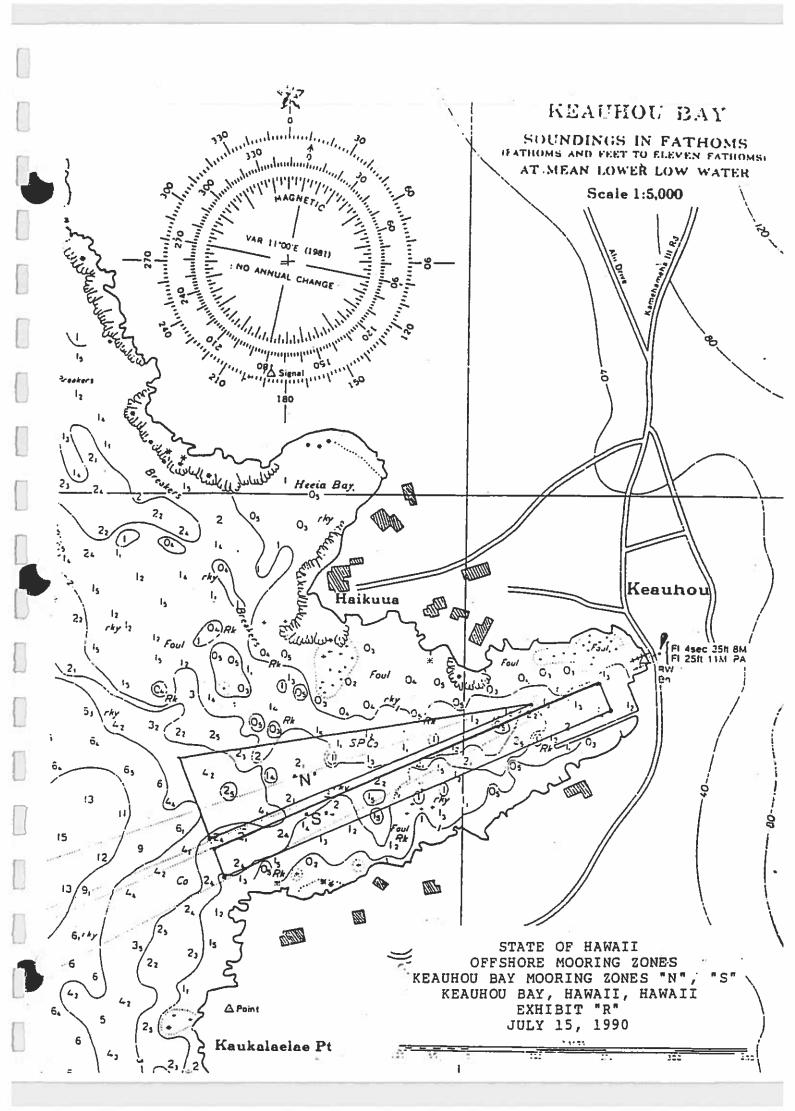


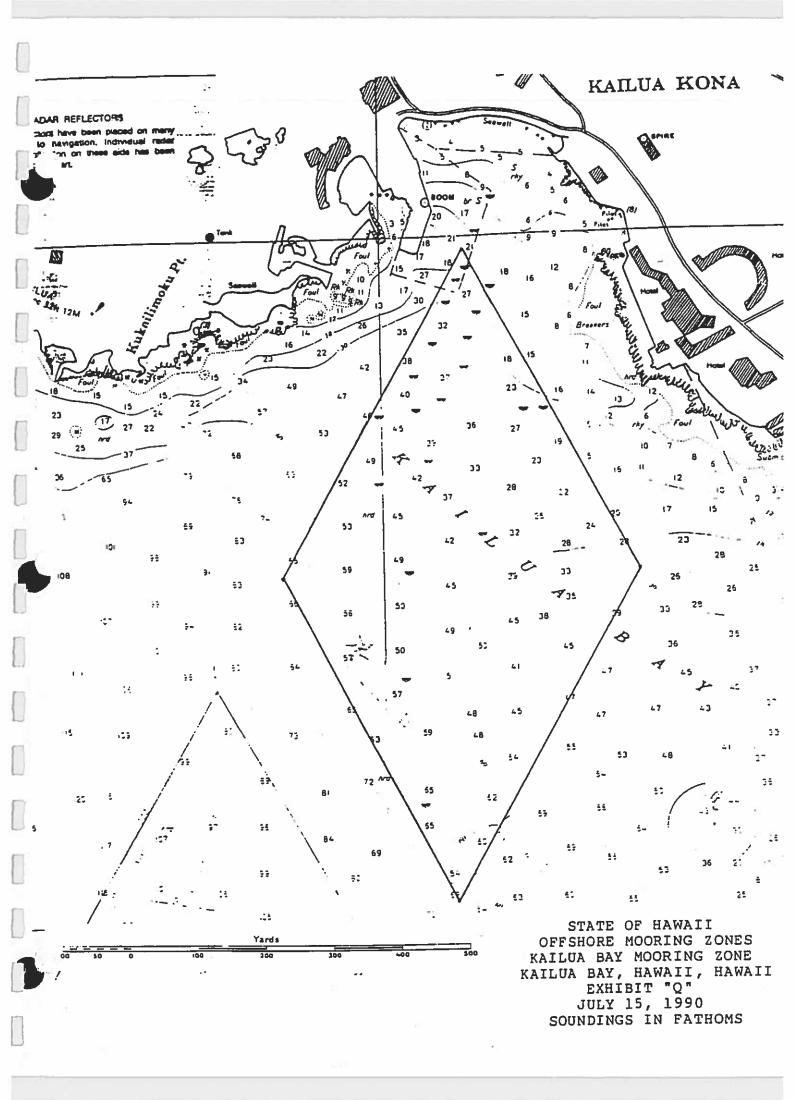
TYPICAL DAY MOORING INSTALLATION

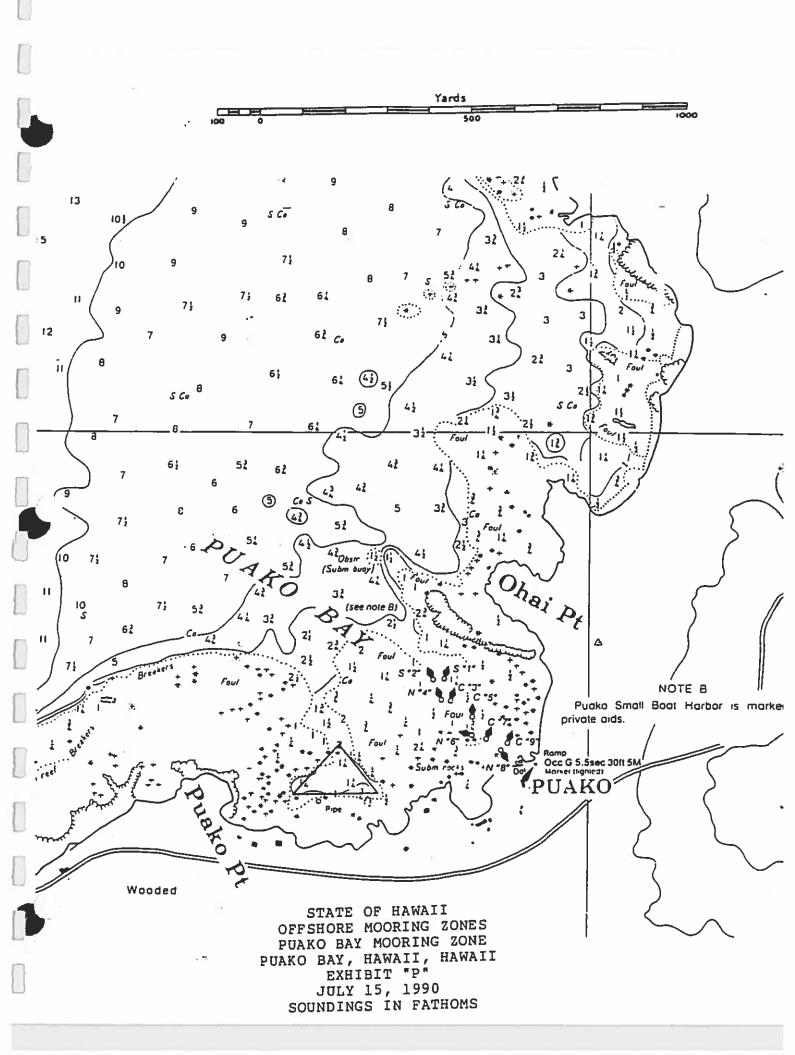
OFFSHORE MOORING RULES TYPICAL DAY MOORING INSTALLATION. EXHIBIT "DM-00" NOVEMBER 15, 1990

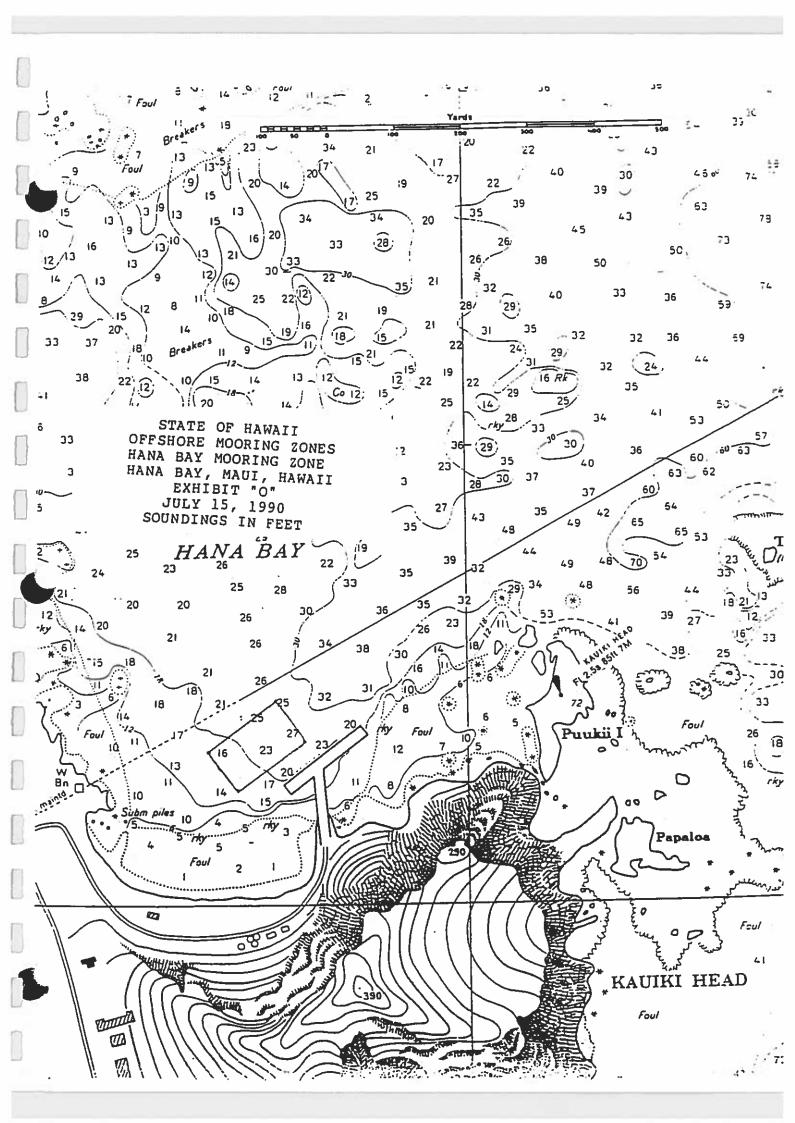


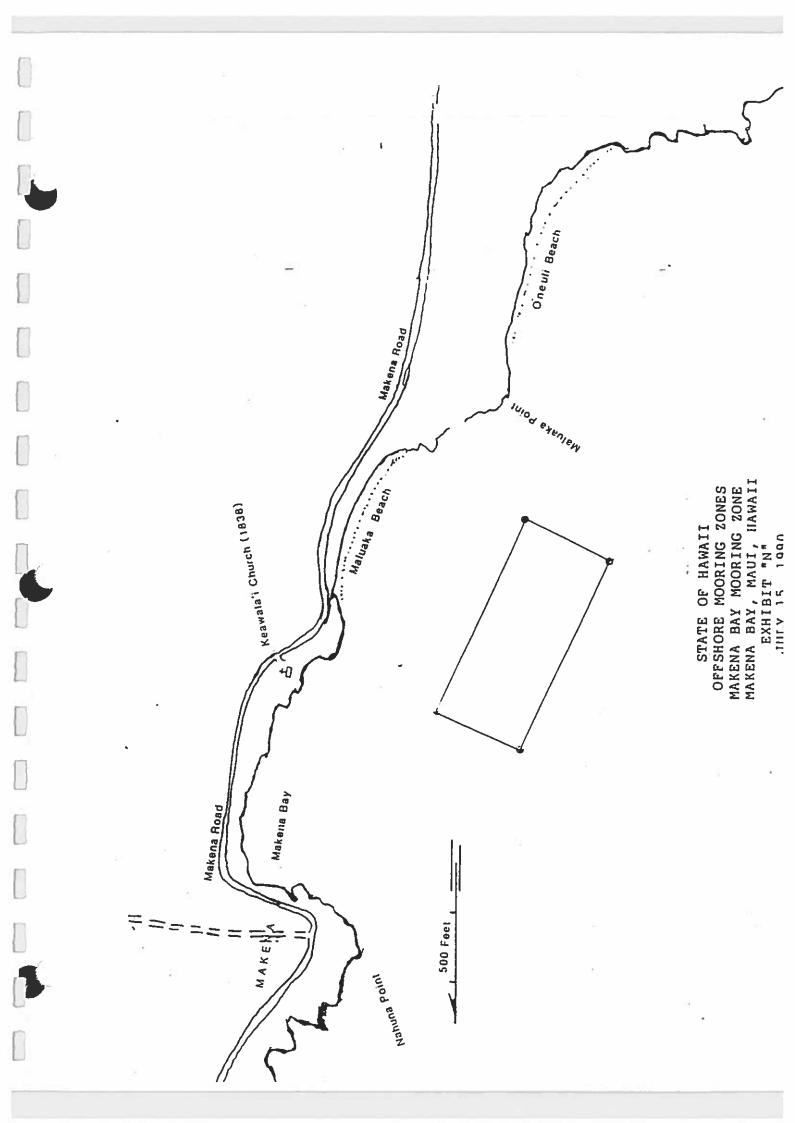


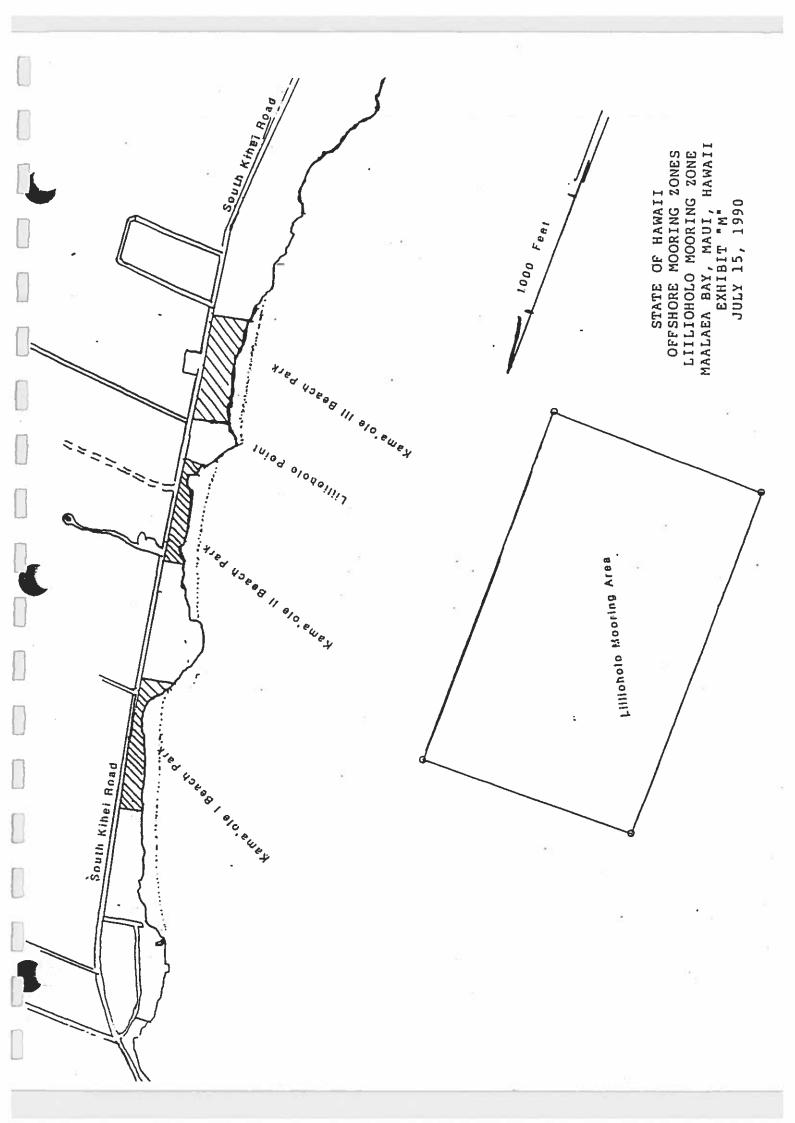


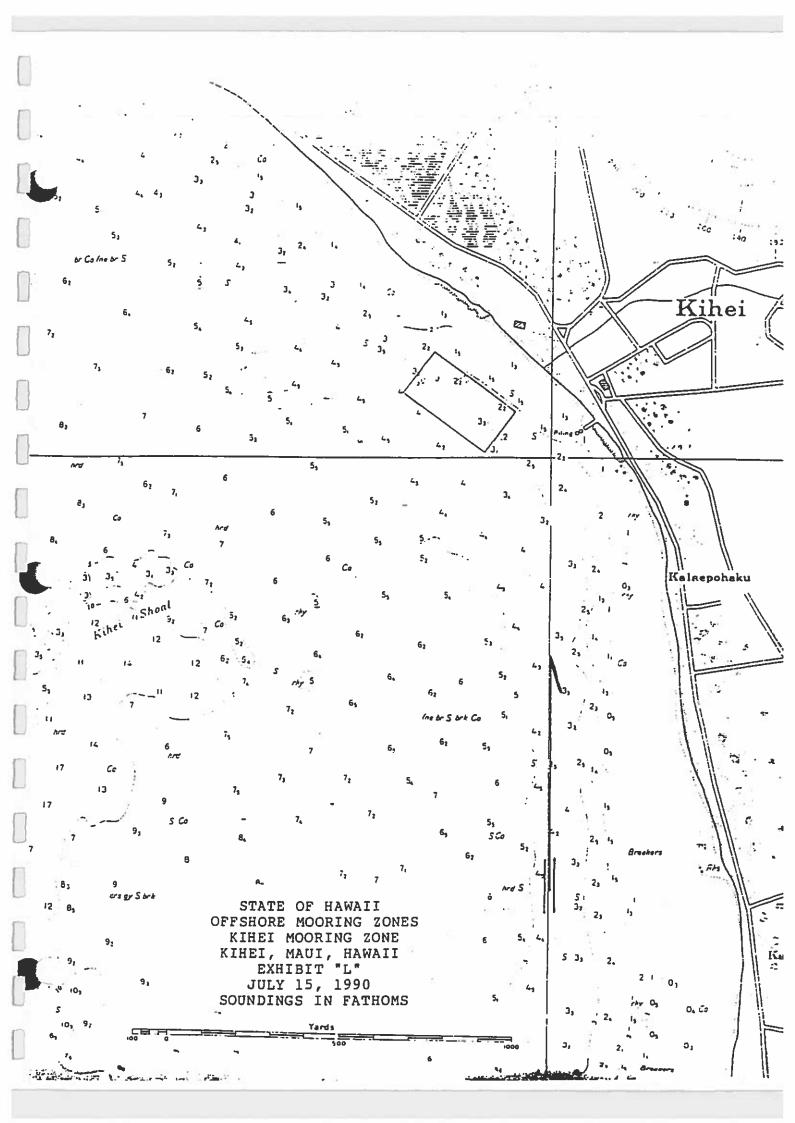


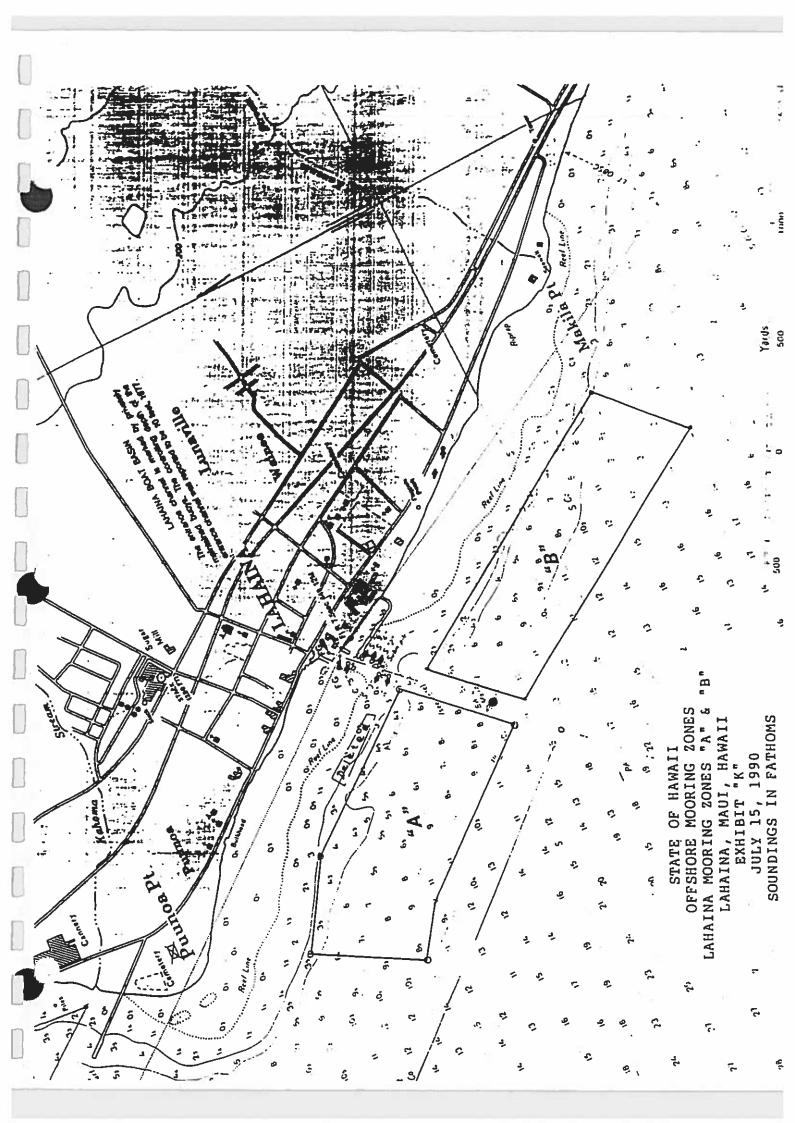


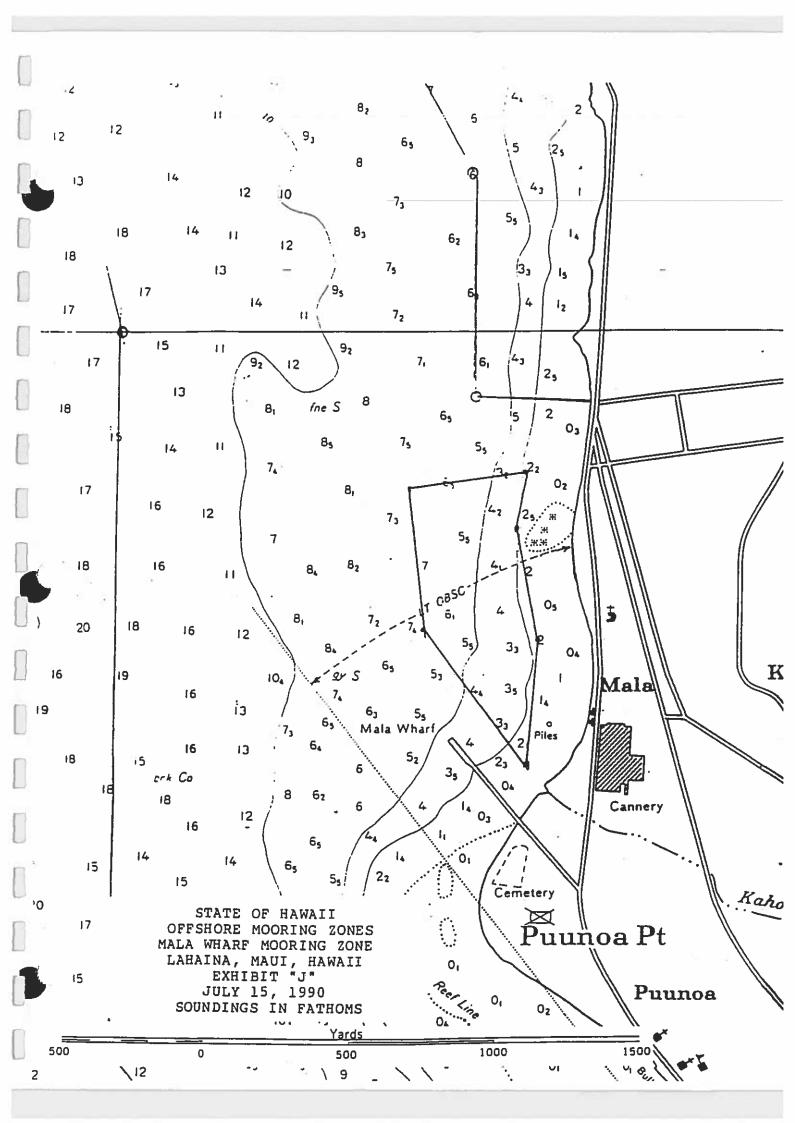


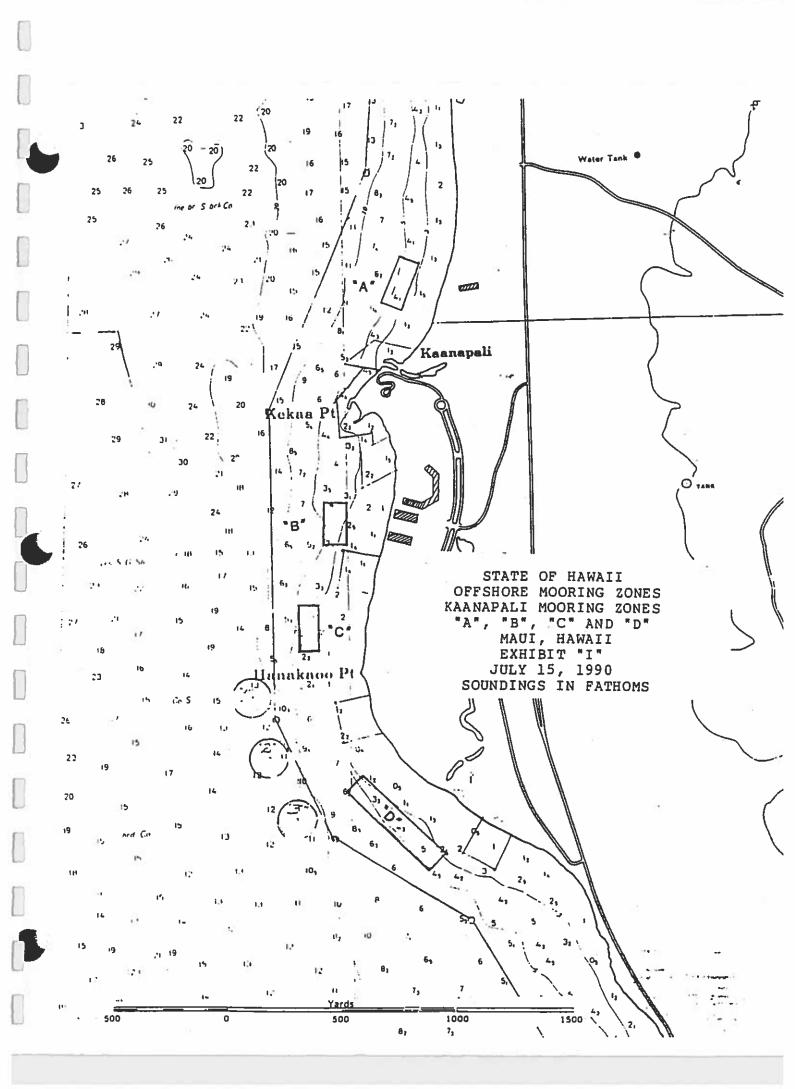


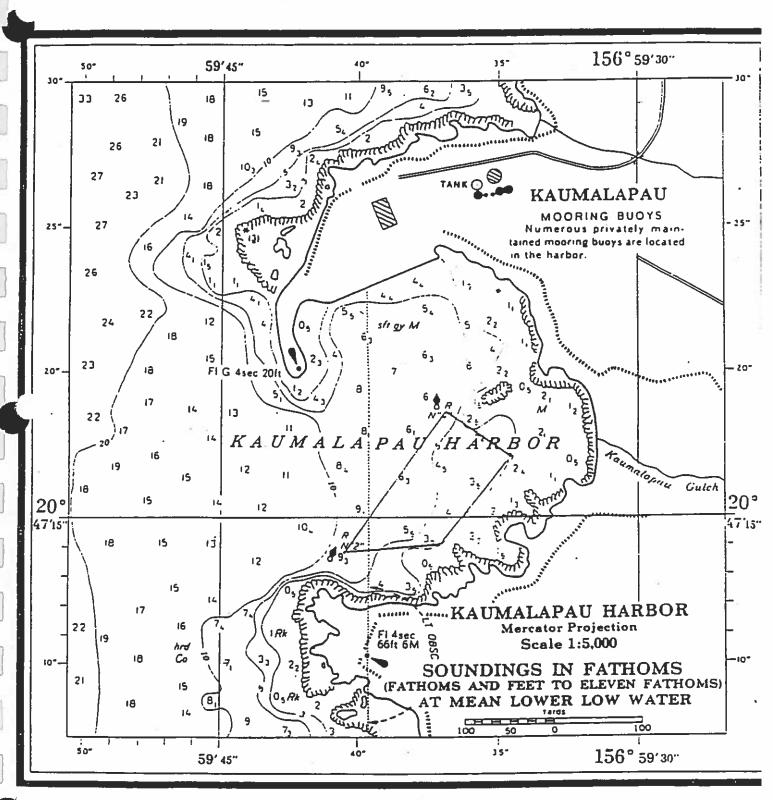












STATE OF HAWAII
OFFSHORE MOORING ZONES
KAUMALAPAU HARBOR
LANAI, HAWAII
EXHIBIT "H"
JULY 15, 1990

