DAVID Y. IGE GOVERNOR OF HAWAII





STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621 HONOLULU, HAWAII 96809

Testimony of SUZANNE D. CASE Chairperson

Before the House Committee on WATER & LAND

Tuesday, March 23, 2021 8:30 AM State Capitol, Via Videoconference, Conference Room 430

In consideration of HOUSE CONCURRENT RESOLUTION 103 AUTHORIZING THE ISSUANCE OF A PERPETUAL, NON-EXCLUSIVE EASEMENT COVERING PORTIONS OF SUBMERGED LANDS AT MAUNALUA, OAHU, HAWAII, FOR THE CONSTRUCTION AND MAINTENANCE OF A ROCK GROIN TO SLOW THE RATE OF SEDIMENT DEPOSITION IN THE ENTRANCE CHANNEL OF THE HAWAII KAI MARINA

House Concurrent Resolution 103 requests the authorization to issue a perpetual, non-exclusive easement for a portion of state submerged lands, 7,852 square feet, more or less, identified by tax map key: (1) 3-9-002:seaward of Kalanianaole Highway near the bridge, at Maunalua, Oahu for the use, repair, and maintenance of a rock rubble groin to be constructed thereon, pursuant to Section 171-53, Hawaii Revised Statutes (HRS). **The Department of Land and Natural Resources (Department) supports this concurrent resolution**.

The requested area will be used to build a rock rubble groin on State lands and will serve the purpose of replacing the existing deteriorating 150-foot long, sandbag groin. The grantee (Hawaii Kai Marina Community Association) currently has a perpetual, non-exclusive easement issued in 2004 for maintenance of the Hawaii Kai Marina channel entrance at the Kalanianaole Highway bridge and the sandbag groin. The existing easement area is divided into Easement "A" and Easement "B", 21,768 and 29,120 square feet, respectively. The grantee paid the fair market value of the easement, in the amount of \$71,000, in 2004 as consideration for the use of public lands as determined by an independent appraisal.

In March 2016, the grantee started working with the Department's Office of Conservation and Coastal Lands (OCCL) to address the deteriorating sandbag structure located within Easement B. The sandbag structure was originally constructed to slow the longshore transport rate of sand along Portlock Beach and reduce the rate of sediment accumulation in the channel entrance. However, due to the rising cost of maintenance, repair, and replacement of the sandbags and the cost of maintaining and dredging the channel entrance a more permanent solution was sought. The rock

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CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

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M. KALEO MANUEL

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE MANAGEMENT
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES ENFORCEMENT
ENGINEERING
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

rubble groin will eliminate the need for maintaining sandbags. OCCL notes that the rock rubble groin will reduce the rate of sediment loss from Portlock Beach into the channel entrance, thereby reducing the number and frequency of dredging activities which can stress the environment.

Also, although not a condition of the Conservation District Use Permit (CDUP), the grantee is proposing to use the accumulated sand that collects against the up-drift side of the rock rubble groin for beach nourishment (sand back-passing approximately every 4 years) at the east end of Portlock Beach. OCCL pointed out that sand back-passing would prevent excess accumulated sand from being deposited into the marina channel, and it would be an efficient and sustainable strategy to maintain the limited sand resource at Portlock Beach. The larger rock rubble groin will require an additional 7,852 square feet, more or less, beyond that of the existing easement area. At its meeting on August 30, 2018, under agenda item K-2, the Board of Land and Natural Resources (Board) unanimously approved the OCCL's CDUP OA-3820 for the Hawaii Kai Marina entrance groin replacement project and there was no public opposition.

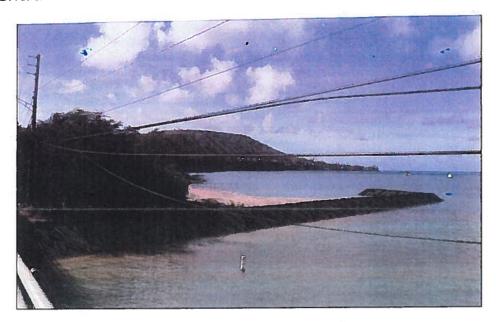
Subsequently, at its meeting on June 12, 2020, under agenda item D-7, the Board unanimously approved amending the existing easement by increasing the area to the requested 7,852 square feet, more or less, and there was no public opposition.

The grantee is working with the Department to resolve the proposed improvements through a disposition. As required by Section 171-53, HRS, the Board may lease submerged lands "with the prior approval of the Governor and the prior authorization of the Legislature by concurrent resolution".

The grantee is required by law to pay fair market value for the easement, which the State's independent appraiser determined to be \$400,000. Recently, grantee rejected the appraised value. There is a procedure specified in Section 171-17, HRS, to address disputes of fair market value and the Department will request the grantee to adhere to that process. Accordingly, no consideration has been paid for the easement to date.

Thank you for the opportunity to comment on this measure.

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- The project engineering is Sea Engineering, Inc. (Derek Linsley PE, dlinsley@seaengineering.com)
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- After groin construction, 400 cubic yards of sand would be taken from the construction area and moved to the east end of Portlock Beach to help restore eroded shoreline
- Anticipated construction duration is approximately 3 months
- Construction access would be via Maunalua Bay Beach Park
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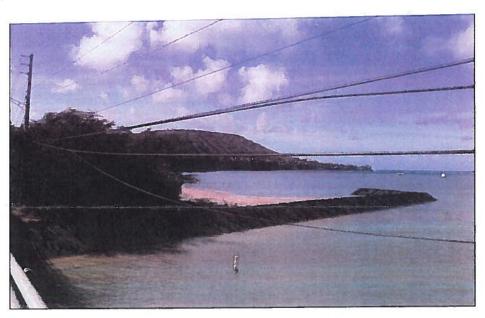
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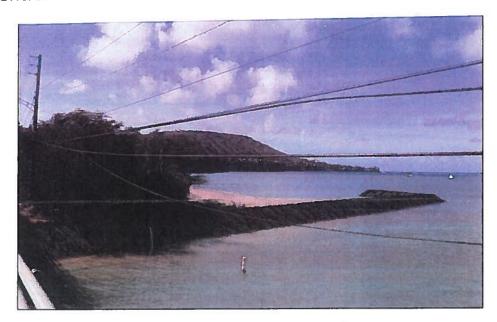
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Robert Moloney Robert Moloney

1-27-2020

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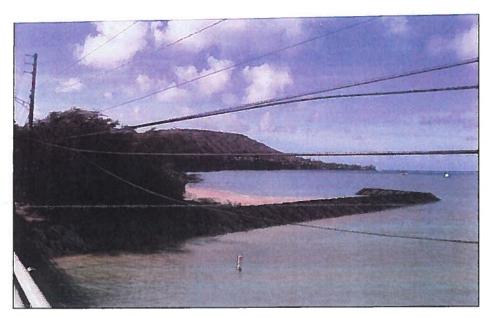
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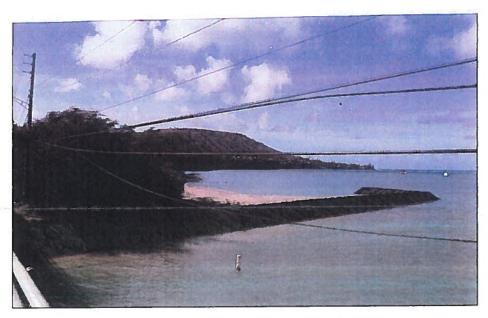
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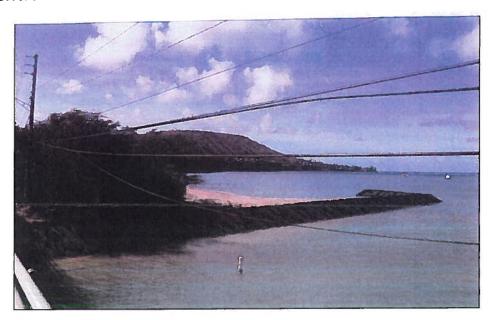
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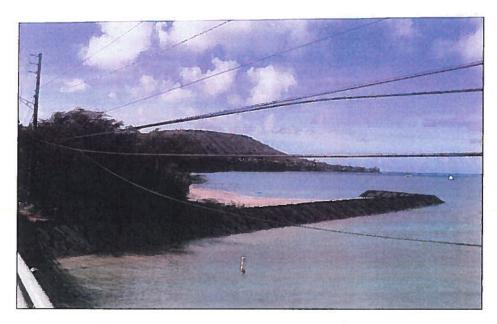
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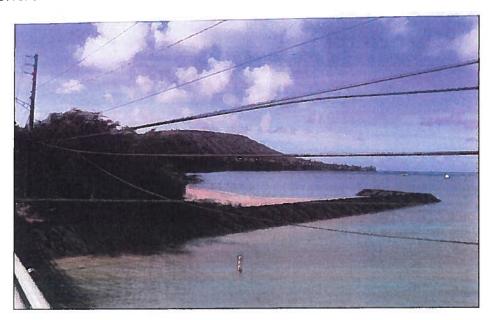
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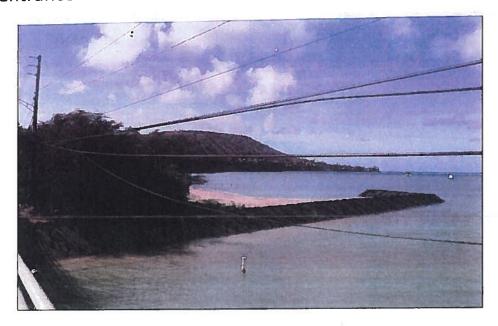
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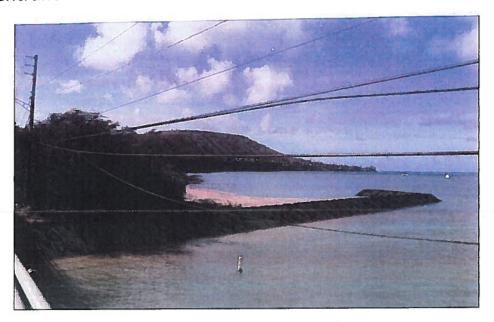
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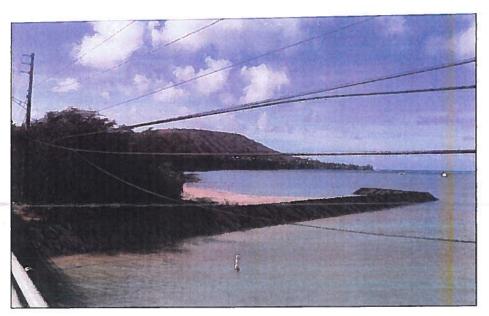
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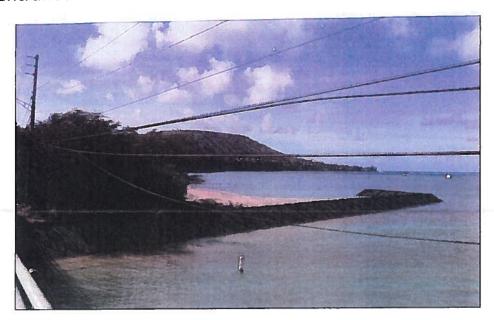
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1/26/21

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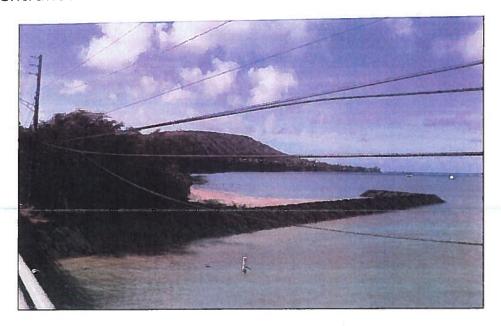
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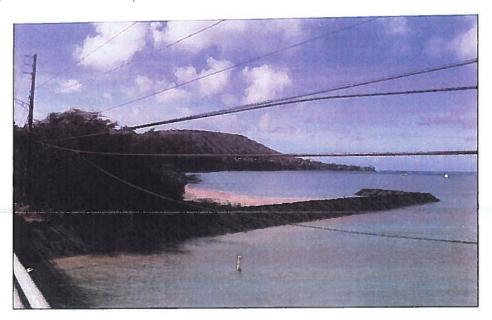
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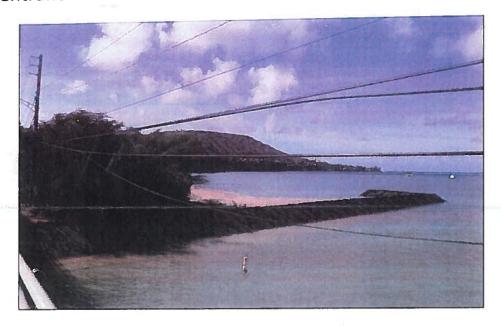
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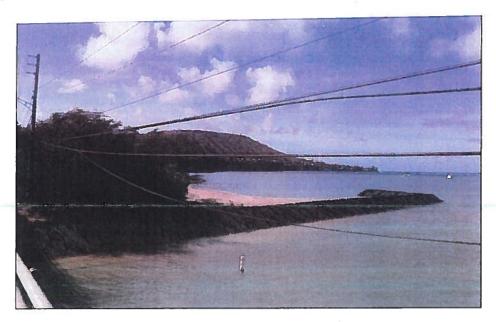
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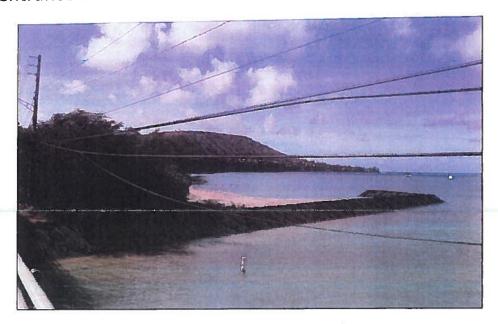
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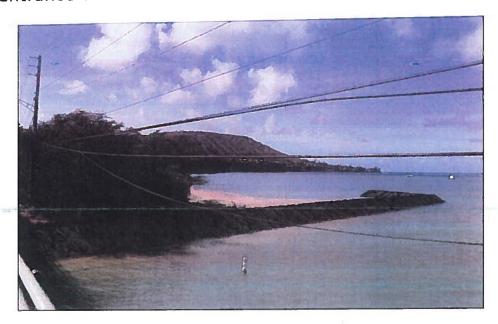
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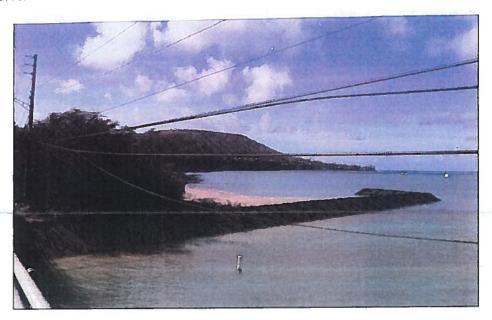
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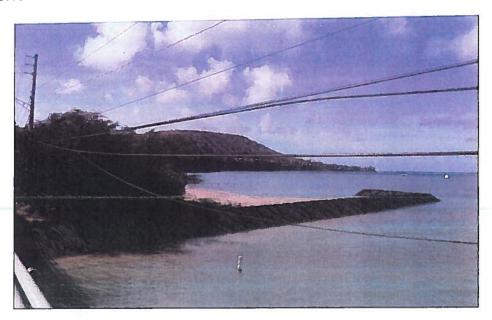
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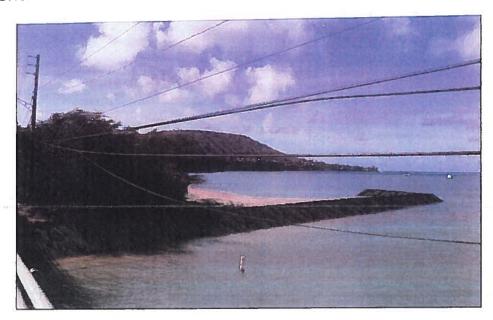
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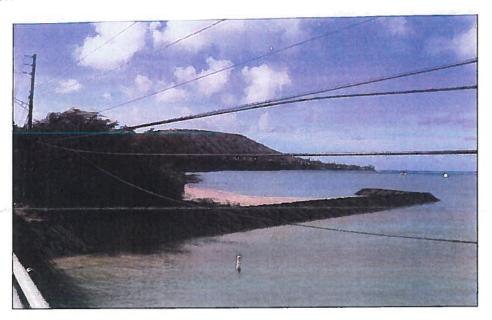
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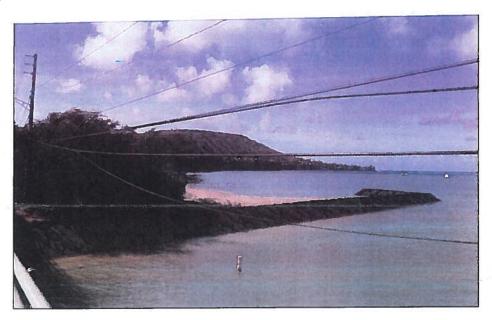
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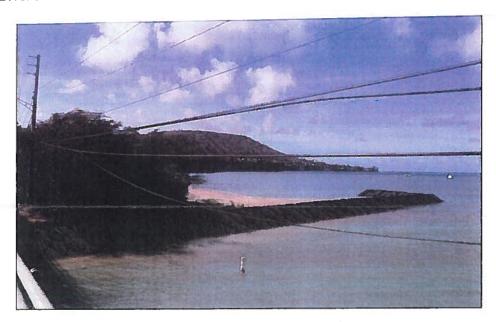
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Amelia Matera Chudoce Matara Print Name & Signature 1/25/2021

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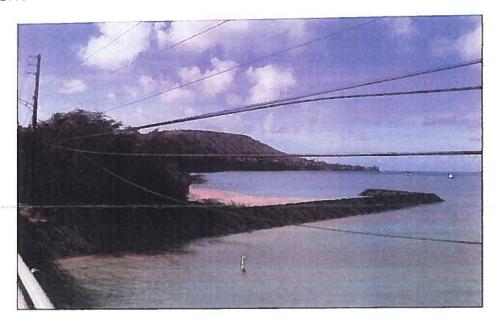
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Kenneth Todd Sheridan

Print Name & Signature

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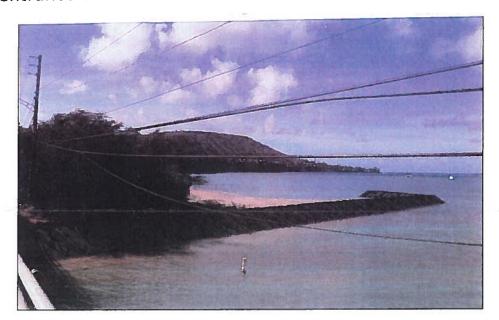
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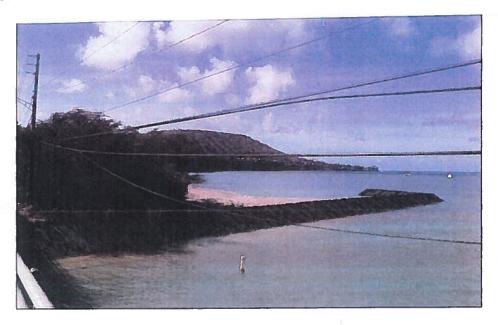
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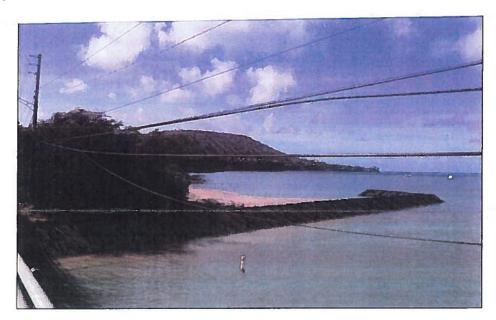
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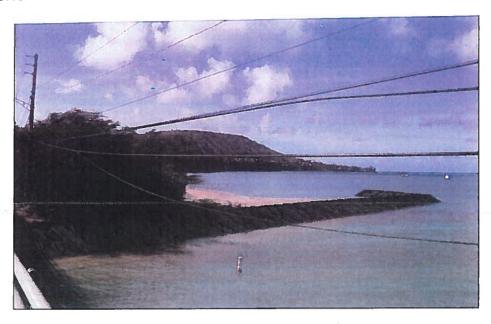
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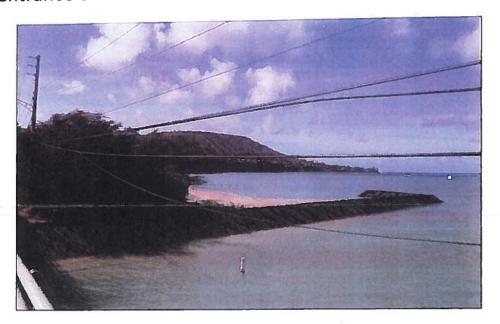
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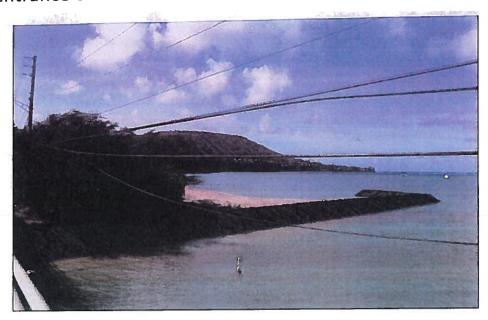
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2019 - Special Management Area Minor Permit issued

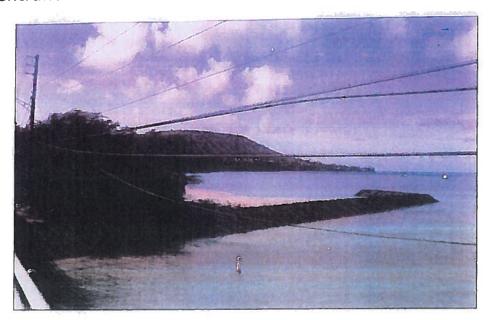
2020 - Department of the Army Permit issued

Spring 2021 - Anticipated construction

Print Name & Signature

1.25.21

I am a member of the Hawaii Kai Marina Community Association. I strongly support the replacement of the temporary sand bag groin at the entrance of the Hawaii Kai Marina with a permanent rock groin.



Project Description

The project includes replacing the existing sandbag groin at the Hawaii Kai Marina Entrance Channel with a permanent rock groin. After groin construction, sand that has accumulated on the Portlock side of the groin will be back-passed to the east end of Portlock Beach and used to restore areas of eroded shoreline.

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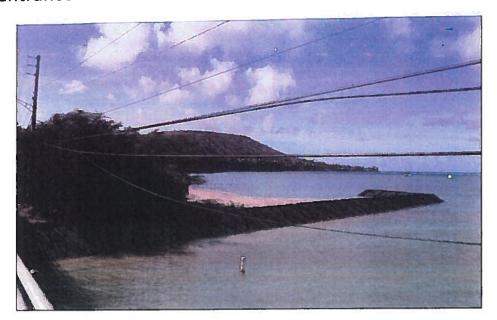
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Spring 2021 - Anticipated construction

Print Name & Signature

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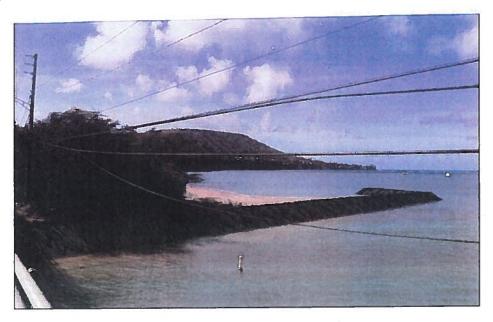
Spring 2021 - Anticipated construction

Print Name & Signature

Joe Zbin

1-25-21

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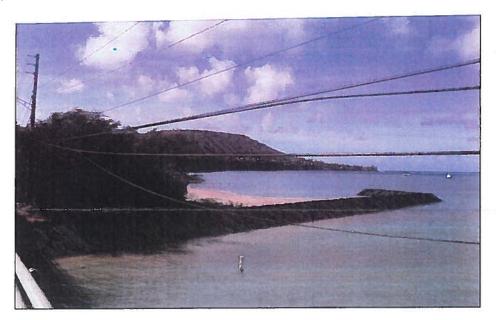
Spring 2021 - Anticipated construction

Print Name & Signature

Kyle Fey

1-22-21

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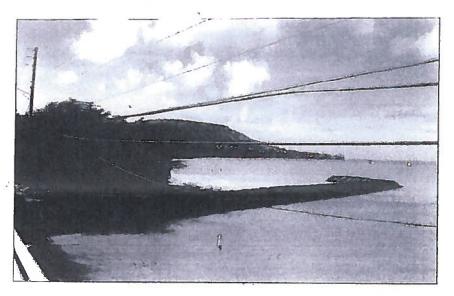
2020 - Department of the Army Permit issued

Spring 2021 - Anticipated construction

3/1/21

Print Name & Signature

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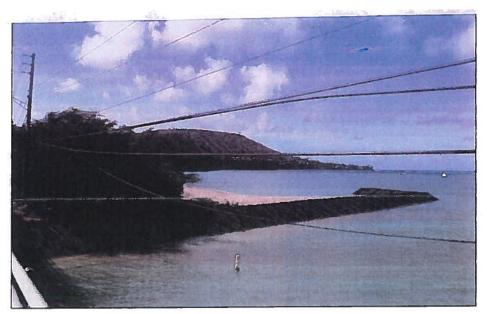
2020 - Department of the Army Permit issued

Spring 2021 - Anticipated construction

Print Name & Signature

2-10-21

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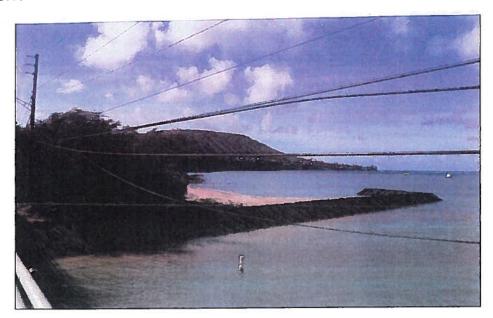
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Spring 2021 - Anticipated construction,

Print Name & Signature

2/3/21

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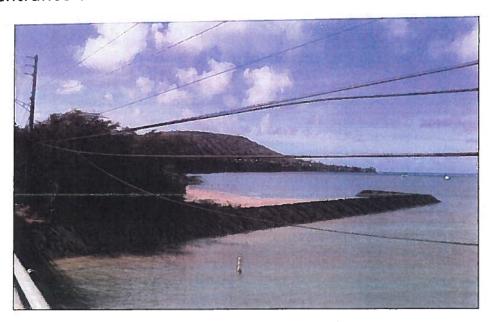
2019 - Special Management Area Minor Permit issued

2020 - Department of the Army Permit issued

Spring 2021 - Anticipated construction

George J. Gubener P.O. Box 25584 Date 1/29/21

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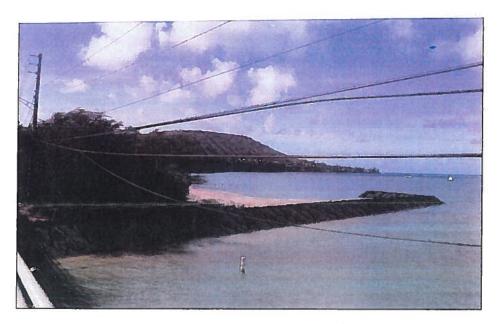
2020 - Department of the Army Permit issued

Spring 2021 - Anticipated construction

2-10-21

Print Name & Signature

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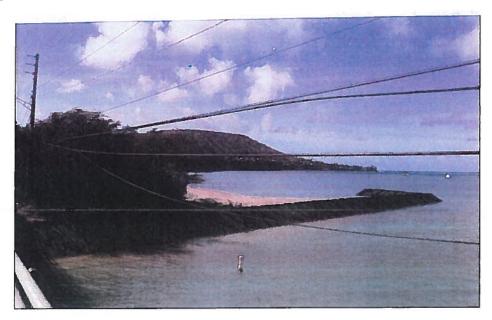
2020 - Department of the Army Permit issued

Spring 2021 - Anticipated construction

TORE LERAAND fore Lemana

1/30/2021

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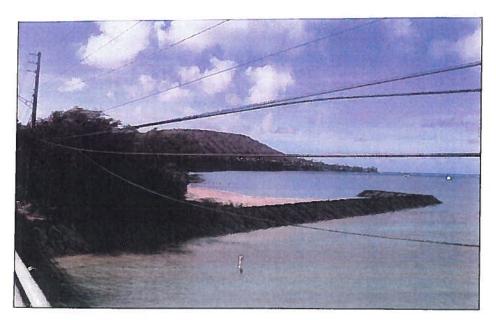
2019 - Special Management Area Minor Permit issued

2020 - Department of the Army Permit issued

Spring 2021 - Anticipated construction

Print Name & Signature Valerie B. Pacheco Valene Date 02/19/2021

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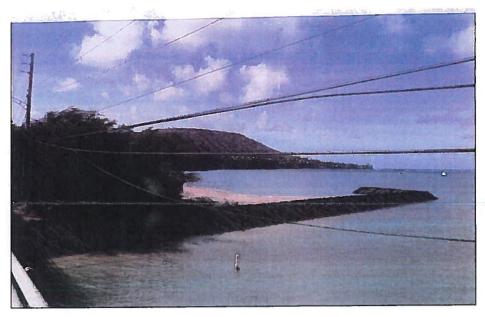
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Spring 2021 - Anticipated construction

Print Name & Signature

2/22/21

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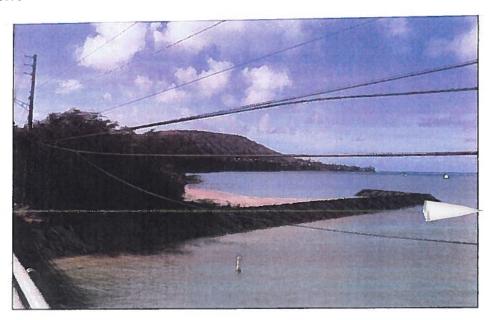
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Spring 2021 - Anticipated construction

PAMP PIPILATO

2/16/21

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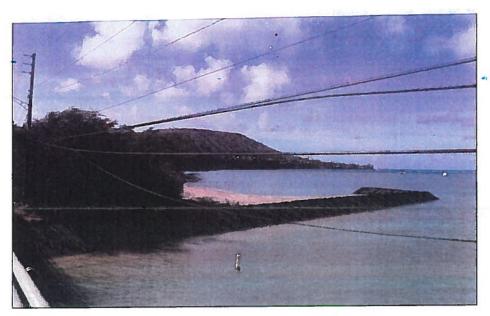
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Spring 2021 - Anticipated construction

feb 6, 2021

Print Name & Signature

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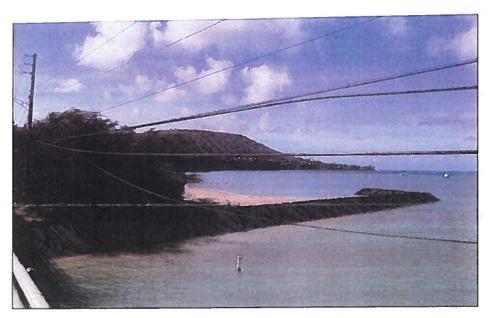
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Spring 2021 - Anticipated construction

Print Name & Signature

FOB 10 2021

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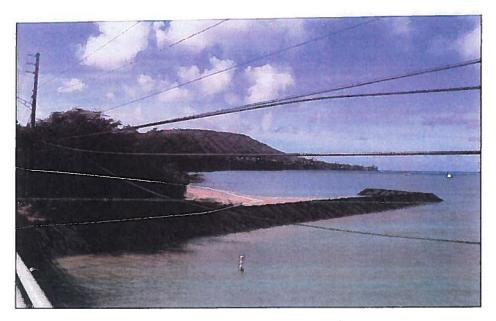
Spring 2021 - Anticipated construction

Stephanie Swanson

5.2

2/10/21

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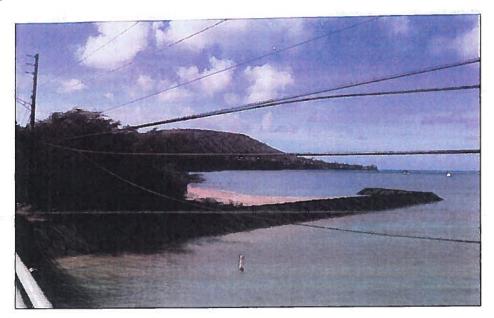
Spring 2021 - Anticipated construction

Ronnie Hudson of Andrew Hedges

2/20/2021

Data

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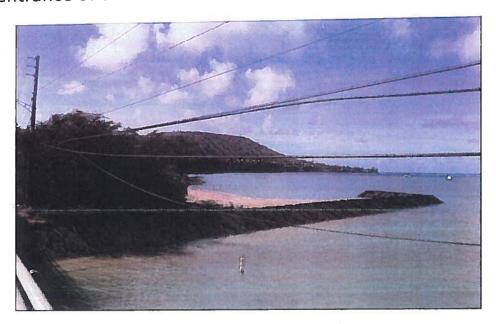
2020 - Department of the Army Permit issued

Spring 2021 - Anticipated construction

2-17-2021

Print Name & Signature

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Project Description

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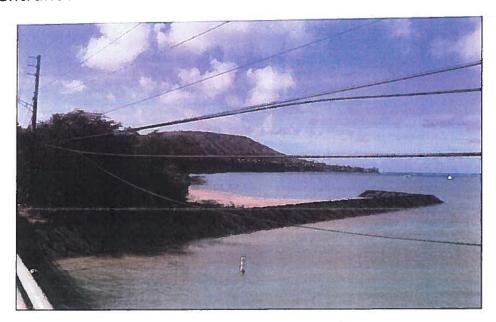
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Spring 2021 - Anticipated construction

TASON RUSHIN
Print Name & Signature

· Fob 10,2021

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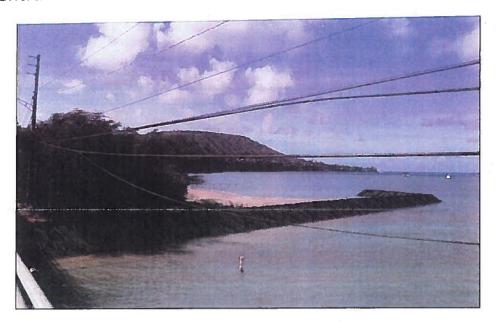
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Print Name & Signature Dish Das 1/29/20

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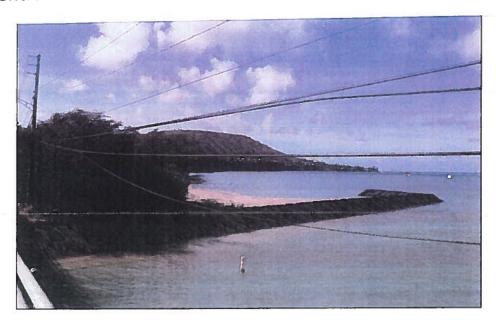
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Spring 2021 - Anticipated construction

Print Name & Signature

11 2/15/2/ Date

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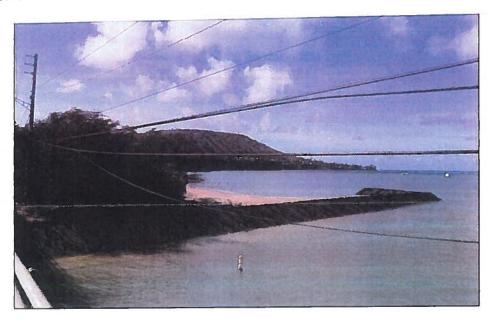
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Spring 2021 - Anticipated construction

2/2/21

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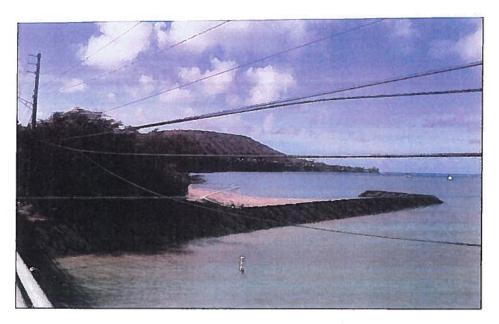
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Spring 2021 - Anticipated construction

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7/14/202, Data 2/15/202

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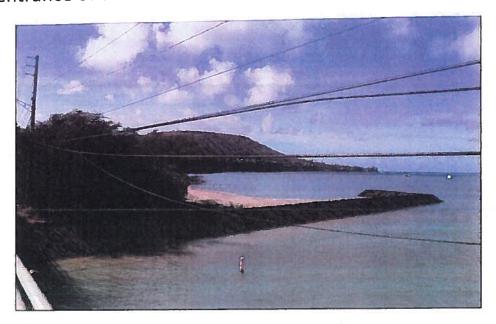
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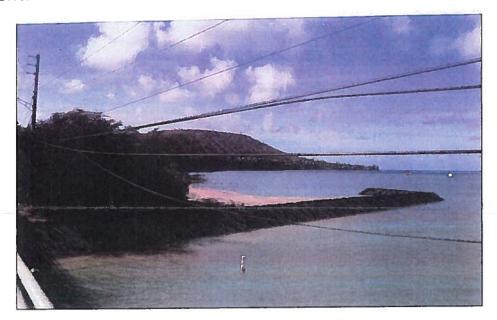
2020 - Department of the Army Permit issuept

Spring 2021 - Anticipated construction

ROBERT GREER

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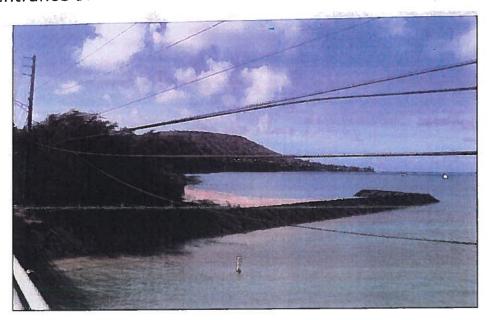
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Spring 2021 - Anticipated construction

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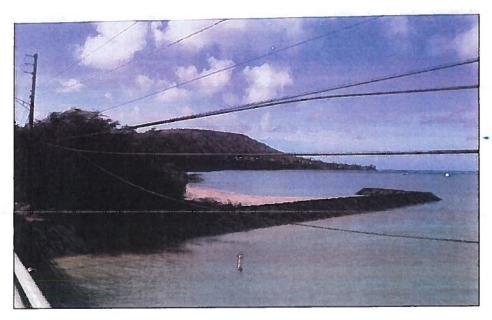
Spring 2021 - Anticipated construction

Ku Hong

2/10/2021

Print Name & Signature

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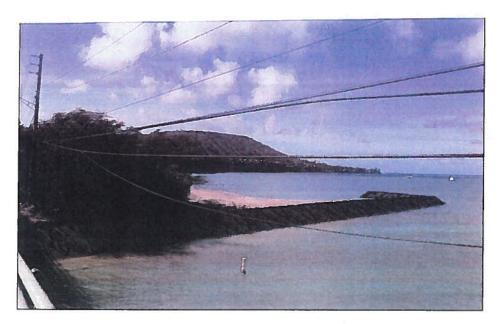
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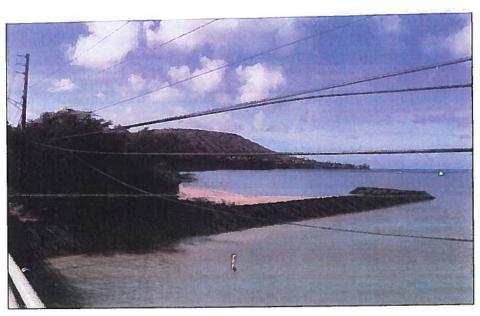
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2-12-21

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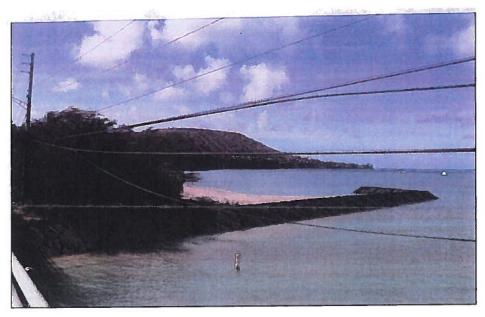
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Spring 2021 - Anticipated construction

Carla Houser Call Hr.
Print Name & Signature

1/30/2021

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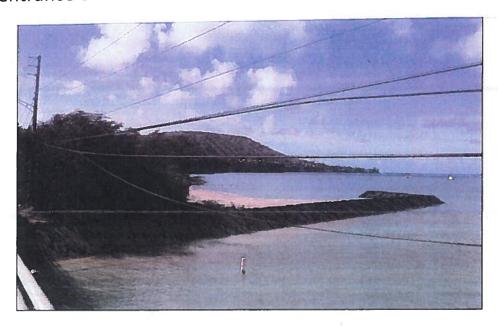
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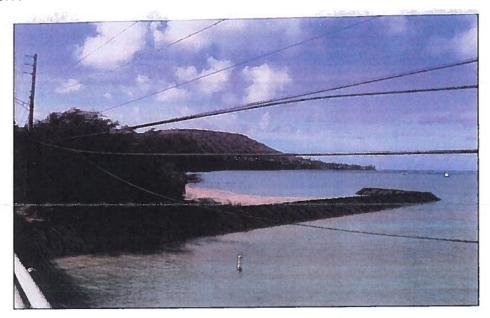
Spring 2021 - Anticipated construction

Print Name & Signature

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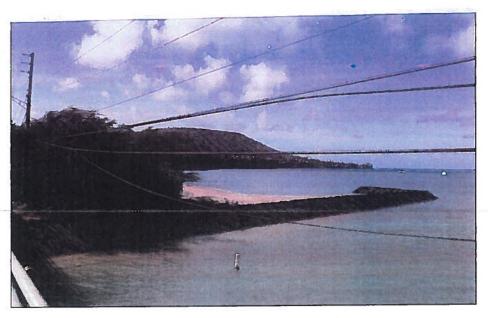
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Date /3 / 2

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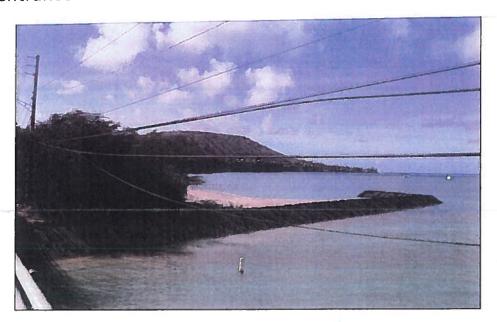
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Spring 2021 - Anticipated construction

CUSTAVO AMBROZUO - 02/08/21 Print Name & Signature

I am a member of the Hawaii Kai Marina Community Association. I strongly support the replacement of the temporary sand bag groin at the entrance of the Hawaii Kai Marina with a permanent rock groin.



Project Description

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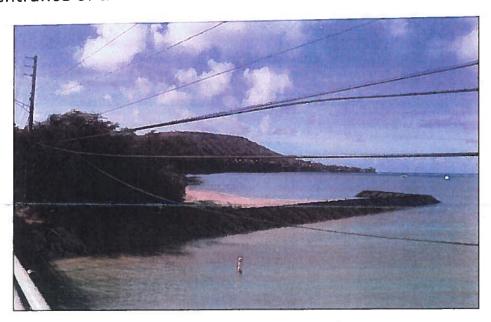
2020 - Department of the Army Permit issued

Spring 2021 - Anticipated construction

Bevacqua 272 Opihikao Way Honolulu, HI 96825

Print Name & Signature

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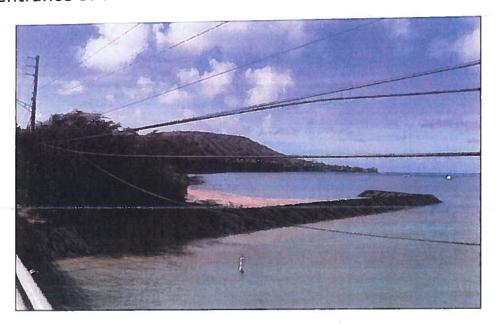
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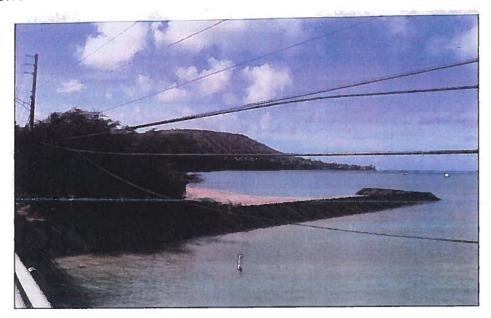
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2-4-2021

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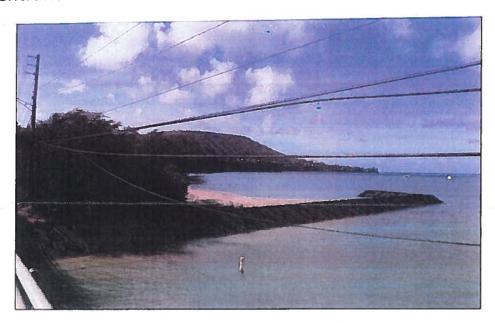
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Date

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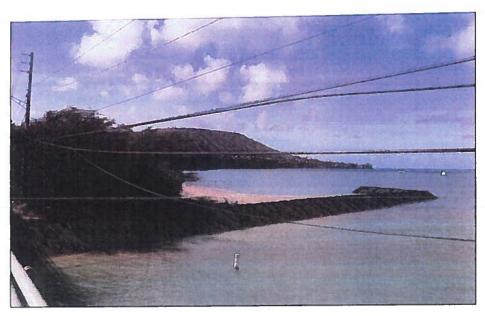
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Spring 2021 - Anticipated construction

CAROL SUYDERHOOD Carel Surperhoud 2-5-2
Print Name & Signature

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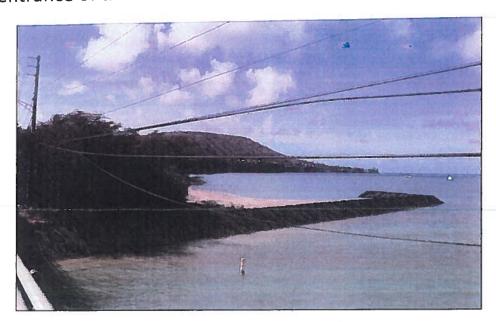
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ELITABETH & VIRGILIO VILLAROMAN

Print Name & Signature

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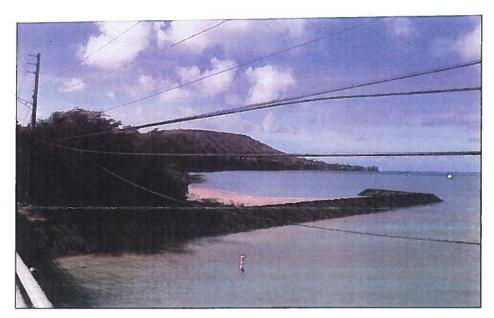
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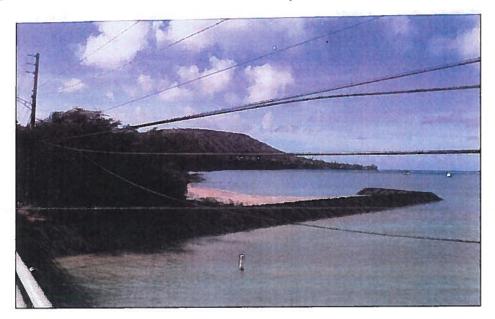
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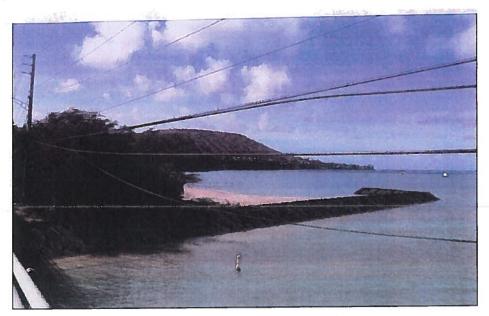
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109mge O'CARROL

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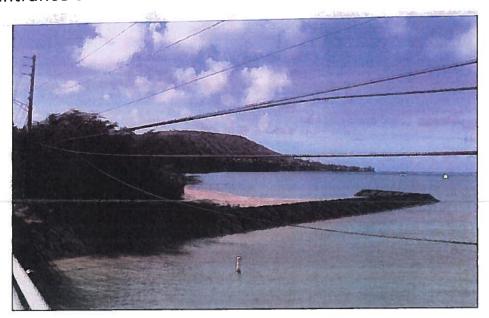
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670 Kumukahi Pl

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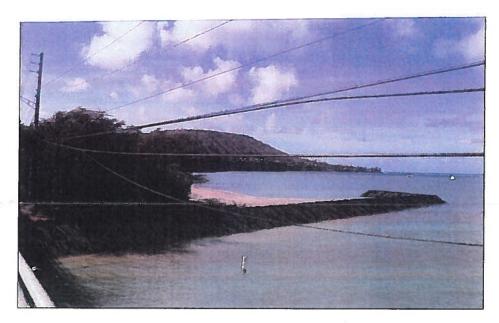
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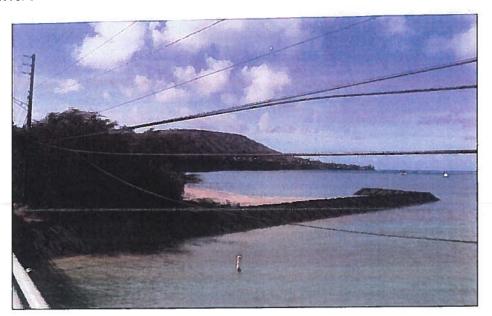
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CHRISTOPHER R. LAIRD Charlet Jaf 1/29/202.

Print Name & Signature Date

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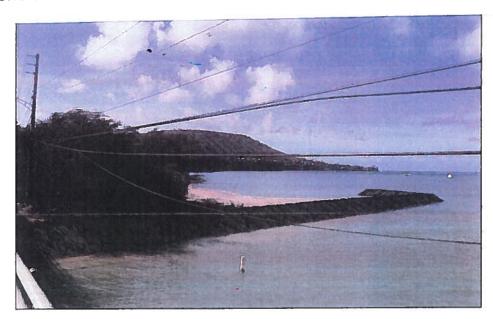
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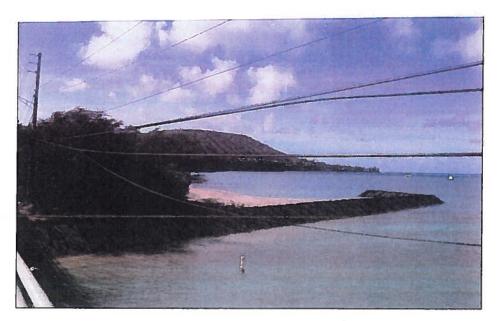
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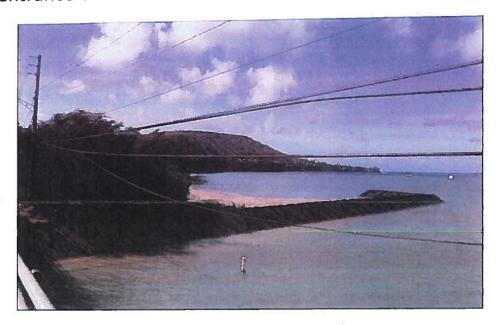
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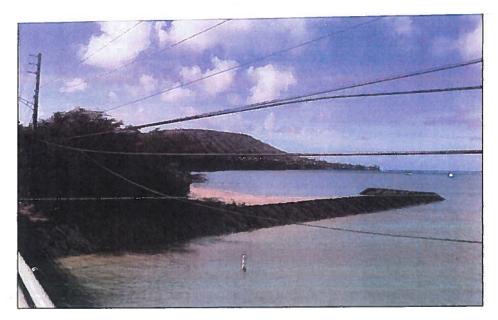
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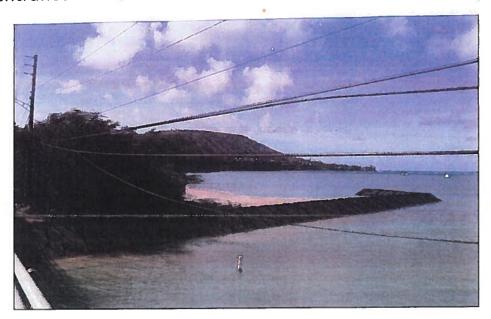
2019 - Special Management Area Minor Permit issued

2020 - Department of the Army Permit issued

Spring 2021 - Anticipated construction

Gina	Walter	Dina	Walker	1-28-21	
Print Name & Signature				Date	_

I am a member of the Hawaii Kai Marina Community Association. I strongly support the replacement of the temporary sand bag groin at the entrance of the Hawaii Kai Marina with a permanent rock groin.



Project Description

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Project Facts

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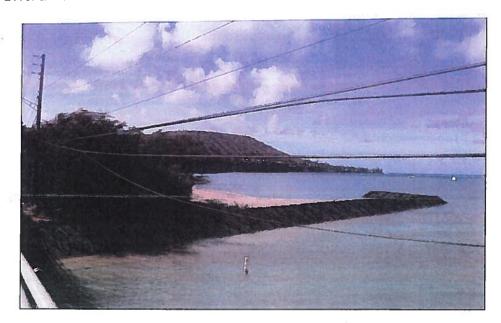
2020 - Department of the Army Permit issued

Spring 2021 - Anticipated construction

Print Name & Signature

215/2021

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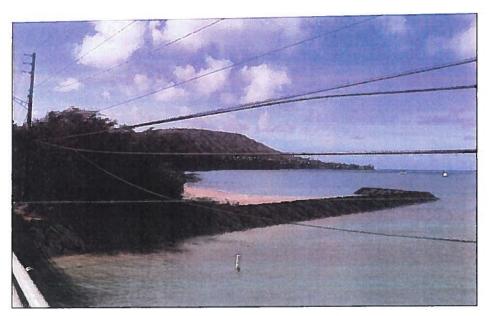
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2020 - Department of the Army Permit issued

Spring 2021 - Anticipated construction

Rathy M. Koch Kathyll. Koch 2/3/2021
Print Name & Signature Date

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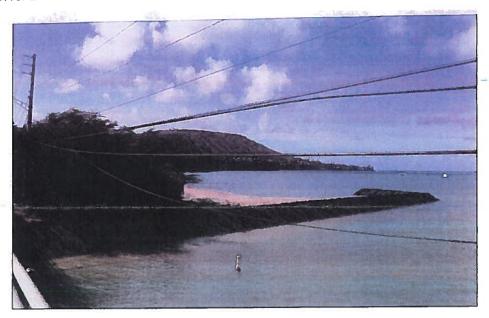
2020 - Department of the Army Permit issued

Spring 2021 - Anticipated construction

02/04/2021

Print Name & Signature

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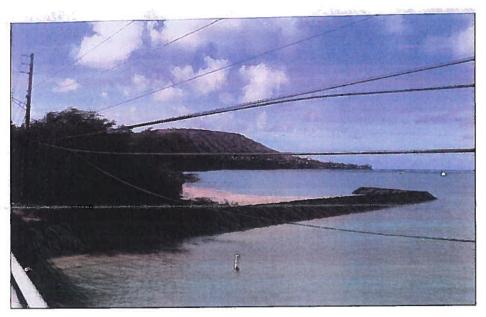
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Alan Faulence Mulfaul

02-04-2021

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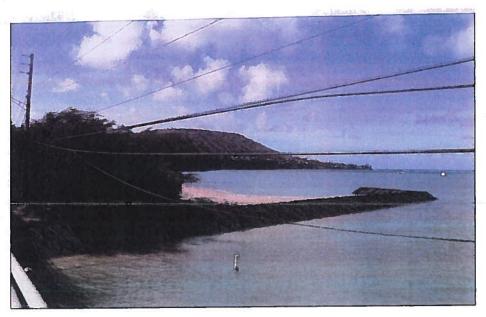
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Spring 2021 - Anticipated construction

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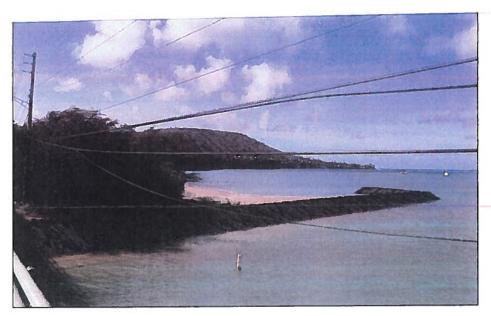
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Spring 2021 - Anticipated construction

DEREK B. DOWEN

Print Name & Signature

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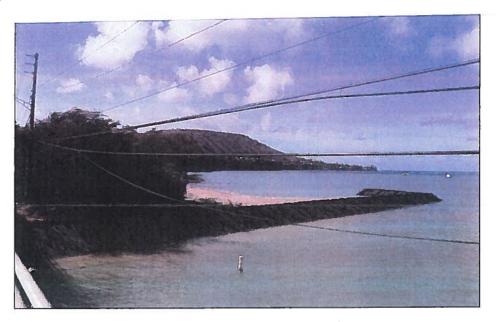
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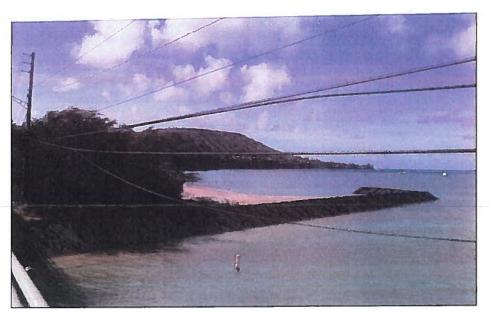
Spring 2021 - Anticipated construction

2/1/202

Date

Print Name & Signature

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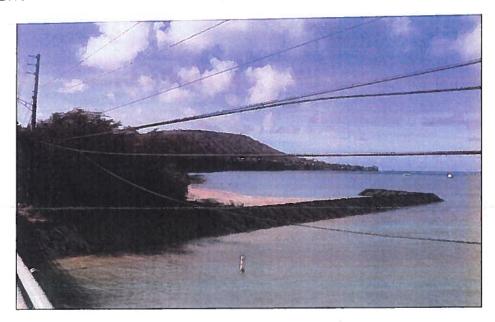
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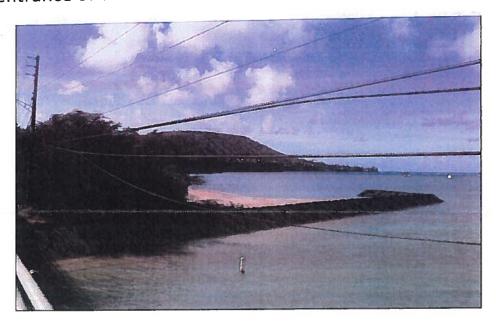
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Spring 2021 - Anticipated construction

Print Name & Signature

2/8/2021

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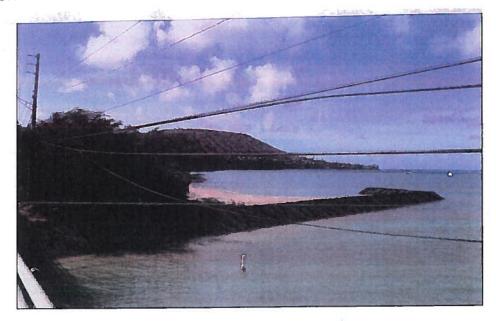
Spring 2021 - Anticipated construction

LOREN Zulicle LA AJAM

2/3/2021

Print Name & Signature

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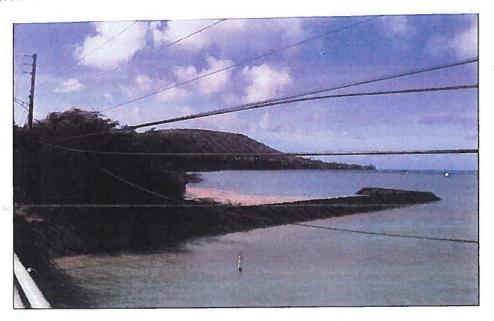
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Spring 2021 - Anticipated construction

1/31/21

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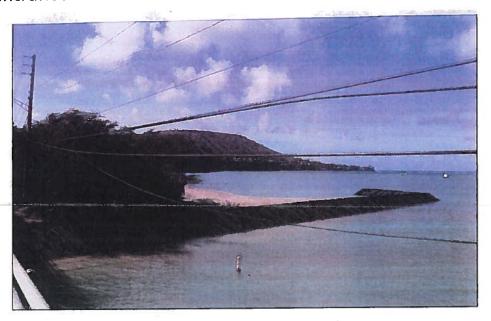
2020 - Department of the Army Permit issued

Spring 2021 - Anticipated construction

Print Name & Signature Jacquelin Th. Miller 1/28/2021

Date

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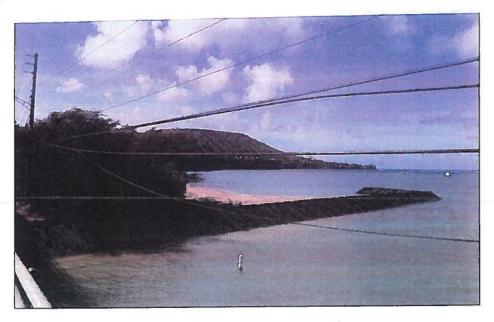
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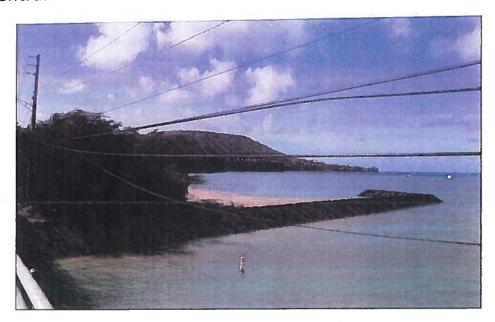
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Spring 2021 - Anticipated construction

Print Name & Signature

2111X1

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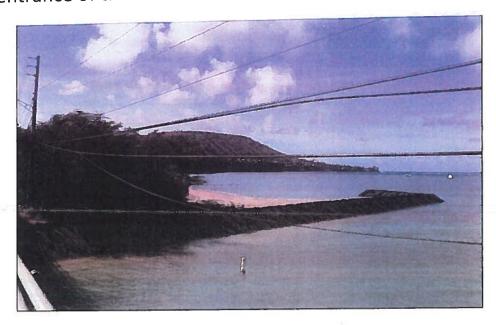
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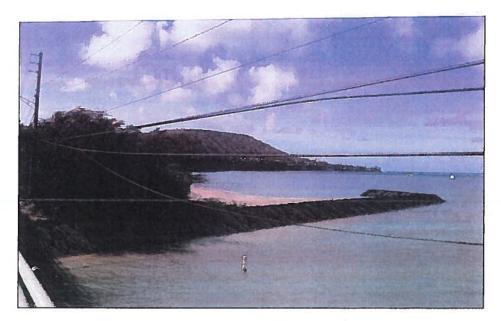
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2020 - Department of the Army Permit issued

Spring 2021 - Anticipated construction

Walker E Kelley
Print Name & Signature

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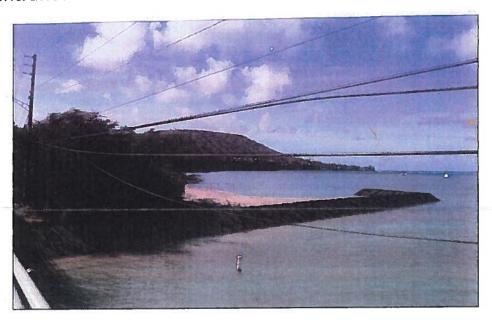
Spring 2021 - Anticipated construction

ANDREW KOPACZ

2/4/21

Print Name & Signature

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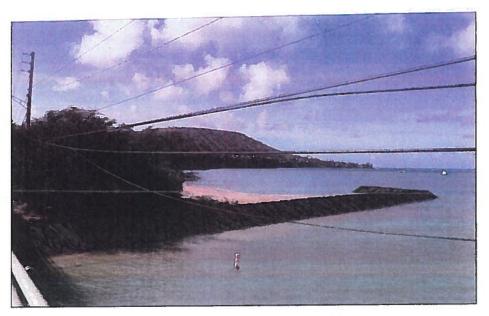
Spring 2021 - Anticipated construction

2/1/2021

MARY LIWAIT HA

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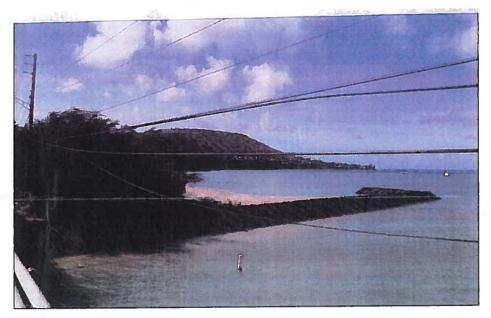
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Spring 2021 - Anticipated construction

Print Name & Signature

<u>3fel /62 |</u> Date

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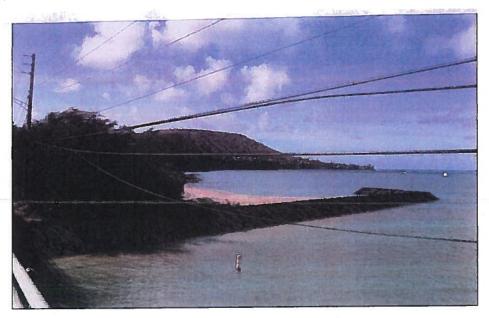
Spring 2021 - Anticipated construction

Brian J. Dever June J. 2-21

Print Name & Signature

Date

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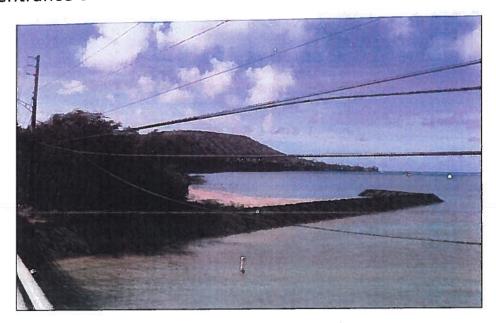
Spring 2021 - Anticipated construction

Mignon Bornhorst Mignon Bombast 2-2-2021

Print Name & Signature

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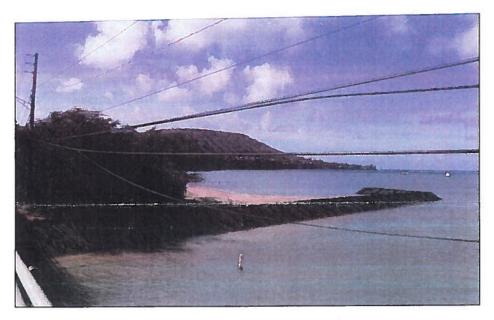
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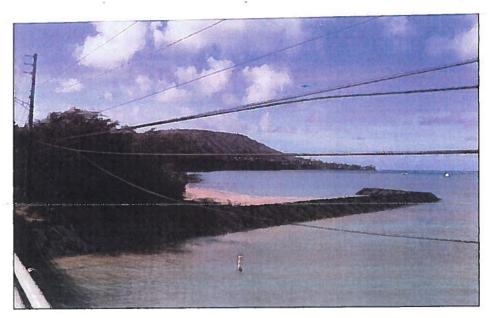
2020 - Department of the Army Permit issued

Spring 2021 - Anticipated construction

1237 Makaa 57

J- J- JUS/

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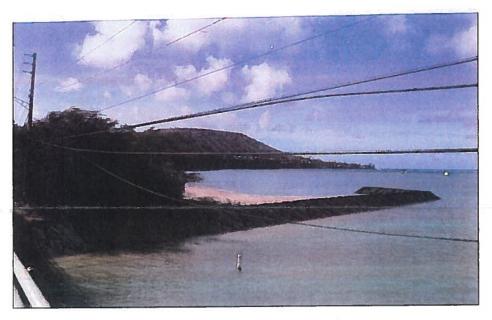
Amy Sanada

Gruy S Sanada

1/29/2021

Print Name & Signature

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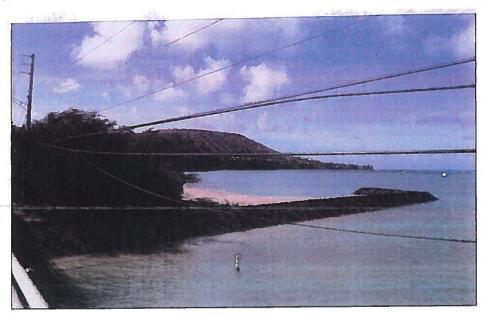
Spring 2021 - Anticipated construction

Print Name & Signature

1/27/21

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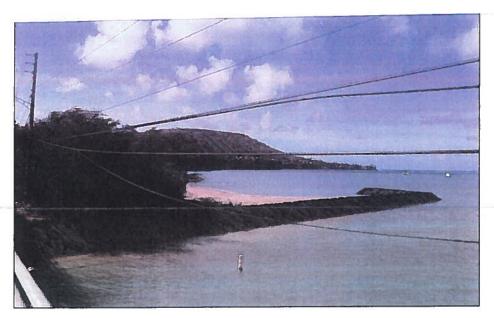
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Spring 2021 - Anticipated construction

William Enola Wy lunks

//30/2/ Date

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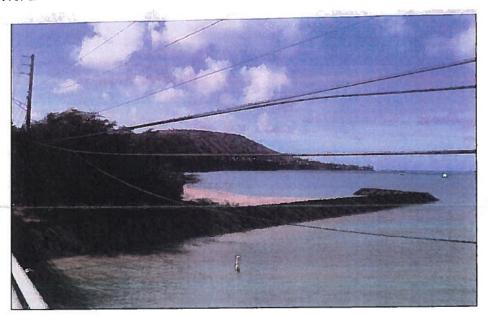
Marc Gostius

Print Name & Signature

Malx

1/28/2021

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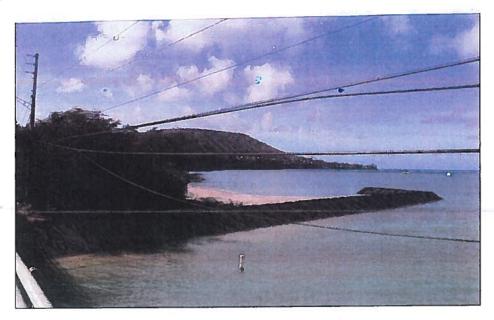
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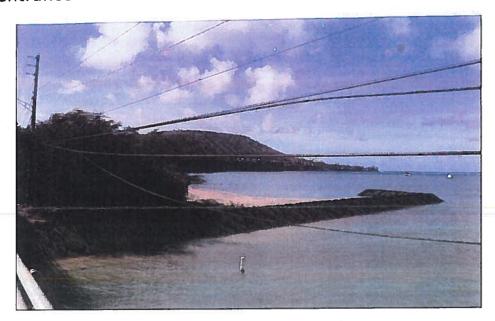
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Michael Pedersen Work House Print Name & Signature

2/2/21

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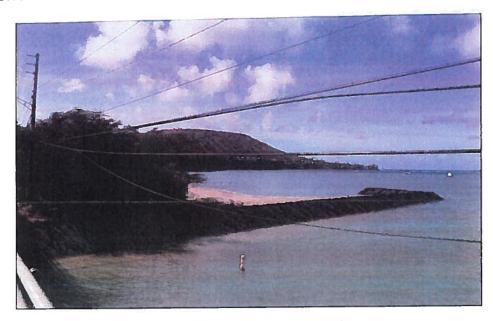
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2/2/2/

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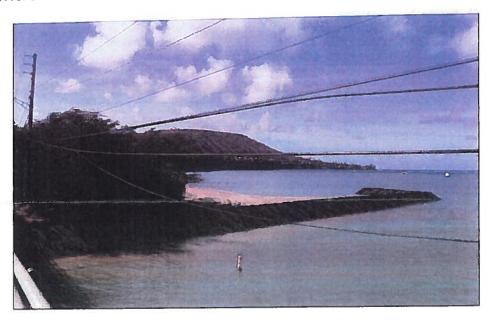
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ebostion A.J. Duris Afflica

61/28/2021

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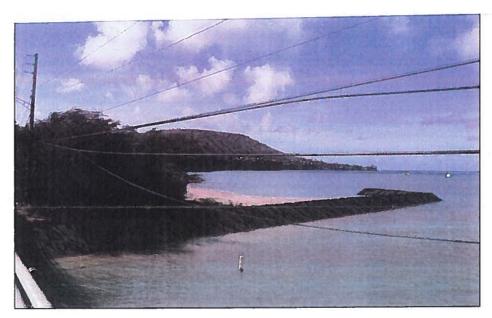
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Spring 2021 - Anticipated construction

Print Name & Signature

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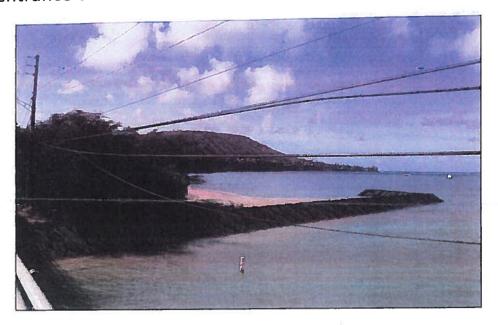
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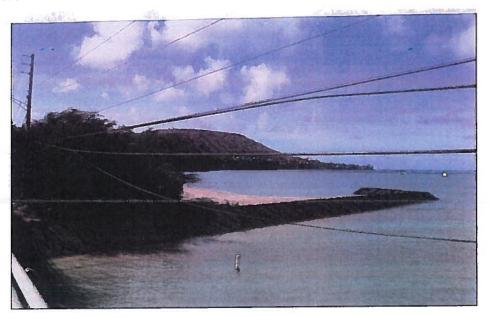
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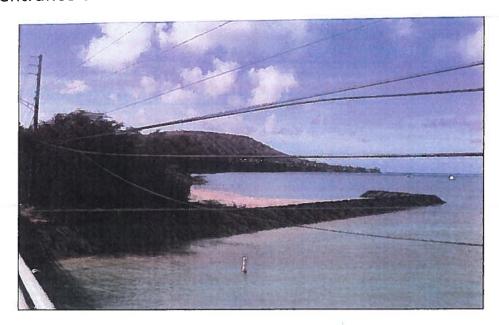
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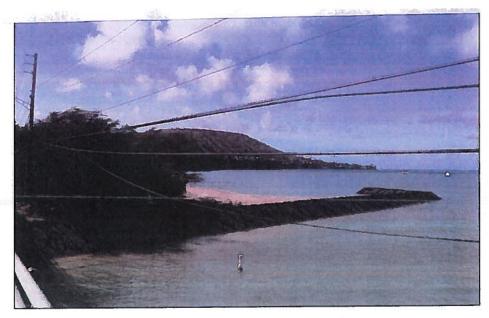
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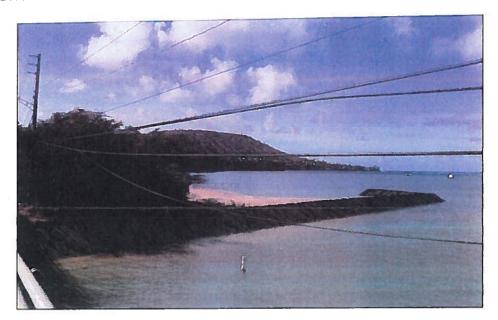
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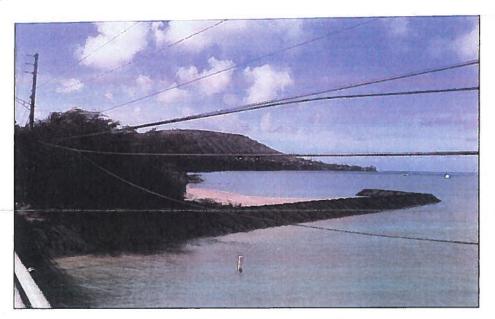
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Spring 2021 - Anticipated construction

BRIAN SOUZA

Print Name & Signature

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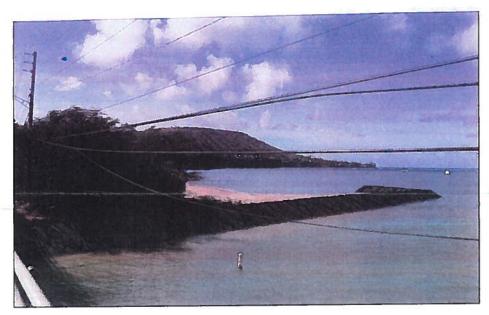
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Spring 2021 - Anticipated construction

Print Name & Signature

1/25/21

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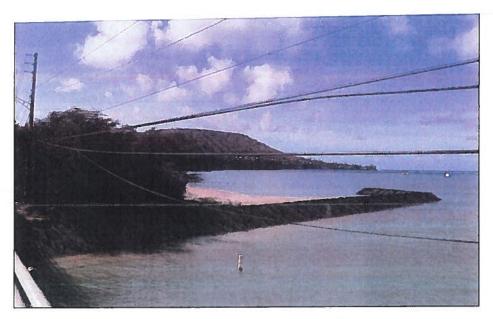
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1.50-2021

Date

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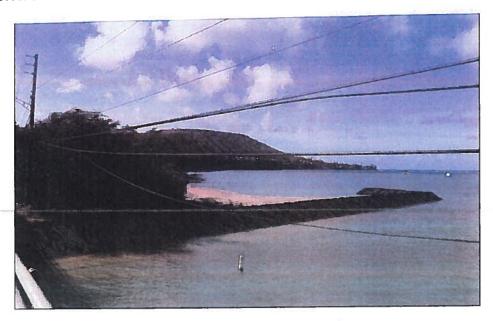
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JASON COOK Jason M. Cooke

1/30/21

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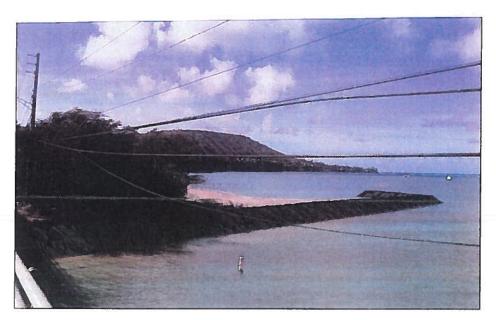
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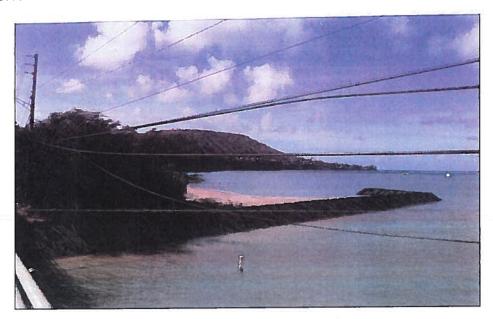
Mr. Anton Krucky 762 Kalanipuu St. Honolulu, HI 96825

at C. Kul

ANTON C. KRUCKY

2/1/2021

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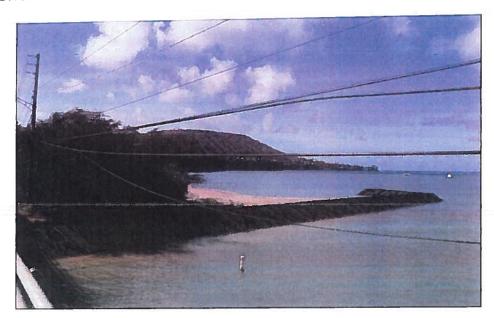
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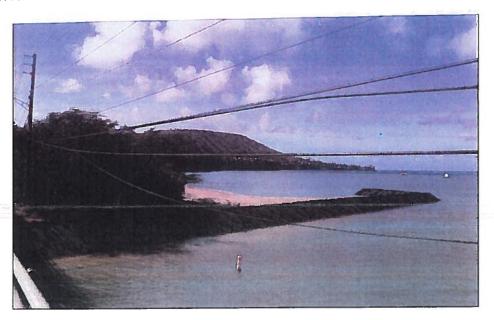
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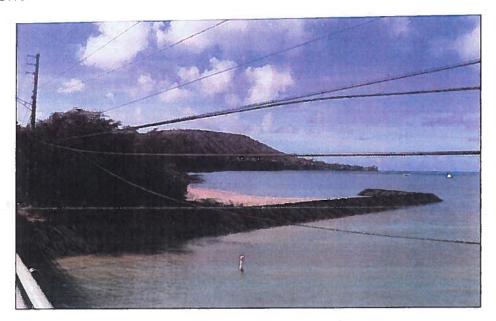
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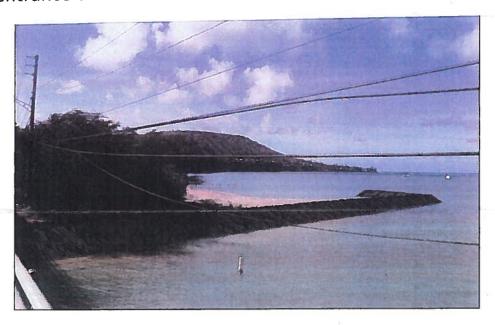
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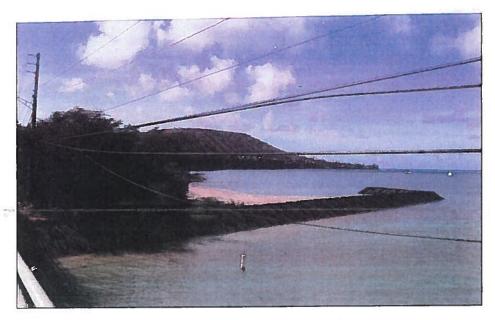
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Spring 2021 - Anticipated construction

1-27-24

Print Name & Signature

I am a member of the Hawaii Kai Marina Community Association. I strongly support the replacement of the temporary sand bag groin at the entrance of the Hawaii Kai Marina with a permanent rock groin.



Project Description

The project includes replacing the existing sandbag groin at the Hawaii Kai Marina Entrance Channel with a permanent rock groin. After groin construction, sand that has accumulated on the Portlock side of the groin will be back-passed to the east end of Portlock Beach and used to restore areas of eroded shoreline.

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- Anticipated construction duration is approximately 3 months
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- Dredging of the Entrance Channel is not included in this project

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2019 - Special Management Area Minor Permit issued

2020 - Department of the Army Permit issued

Spring 2021 - Anticipated construction

HAN PARK Signature

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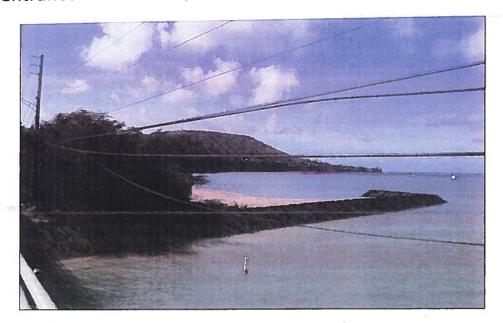
2019 - Special Management Area Minor Permit issued

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Spring 2021 - Anticipated construction

Print Name & Signature Date

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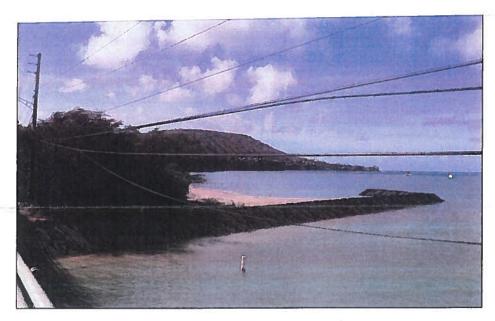
2020 - Department of the Army Permit issued

Spring 2021 - Anticipated construction

R. BRILL RUShie

01.27-2021

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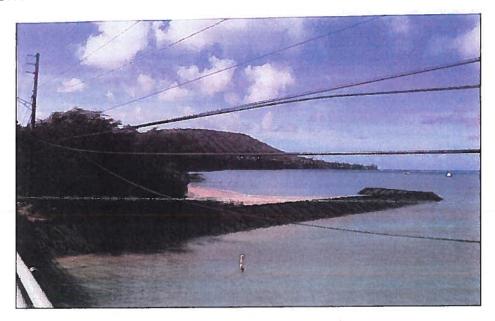
2019 - Special Management Area Minor Permit issued

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Spring 2021 - Anticipated construction

MARK CRICCHIO

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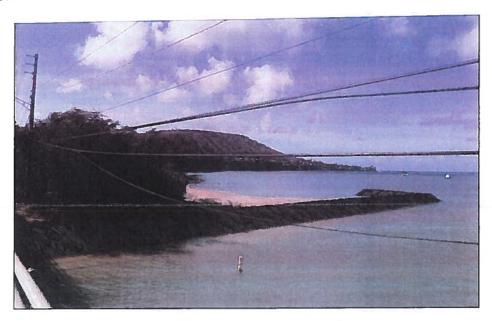
2020 - Department of the Army Permit issued

Spring 2021 - Anticipated construction

Date

Print Name & Signature

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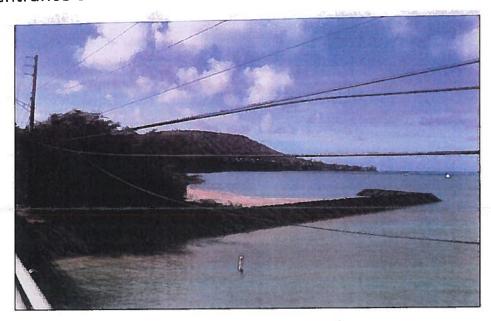
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Spring 2021 - Anticipated construction

1-20-2021

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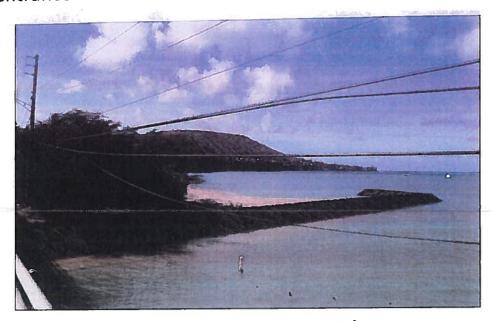
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Spring 2021 - Anticipated construction

Print Name & Signature

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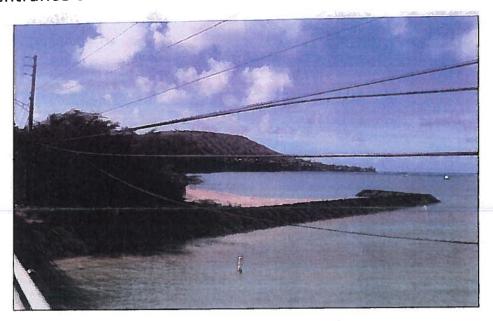
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Spring 2021 - Anticipated construction

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Print Name & Signature

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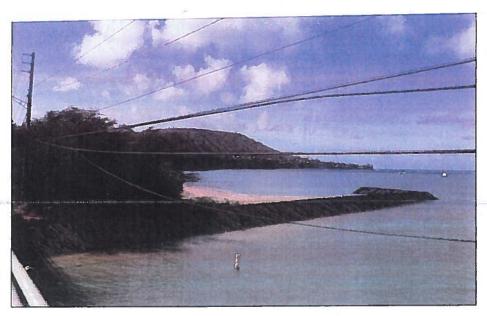
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Spring 2021 - Anticipated construction

Print Name & Signature

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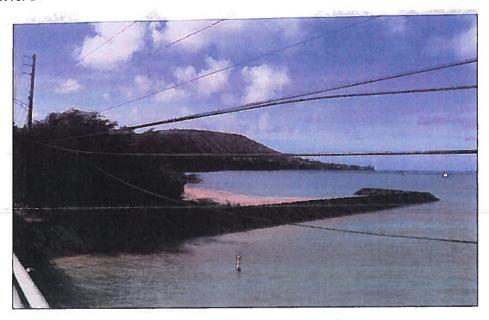
Spring 2021 - Anticipated construction

Print Name & Signature

MICHAEL SHEA 1/27/21

Date

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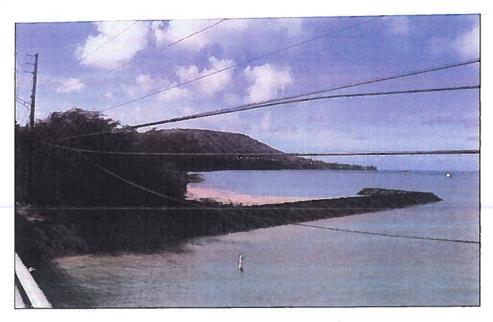
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Spring 2021 - Anticipated construction

Print Name & Signature

1-282

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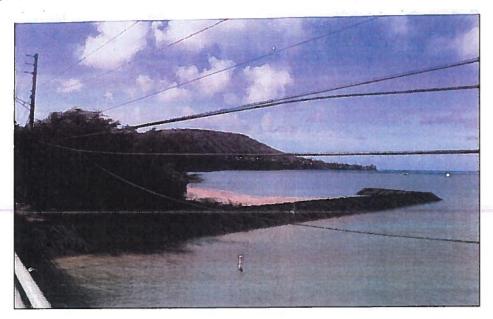
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Spring 2021 - Anticipated construction

Print Name & Signature

1-27-21

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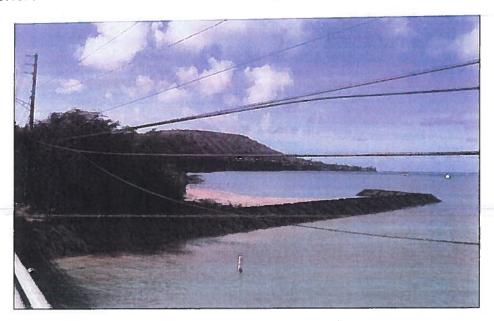
Spring 2021 - Anticipated construction

SALUEL T. BAZ About \$72

1-27-2

Print Name & Signature

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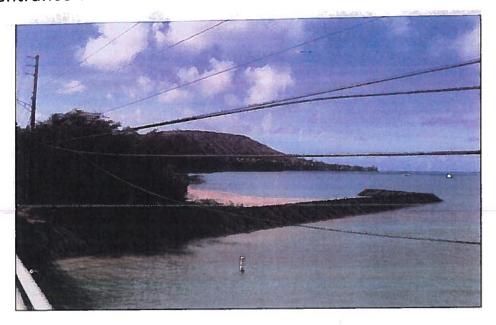
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Spring 2021 - Anticipated construction

Print Name & Signature

//28/2/ Øate

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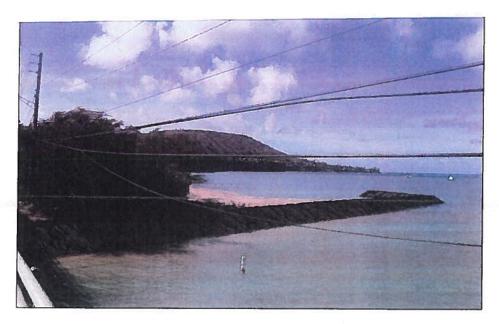
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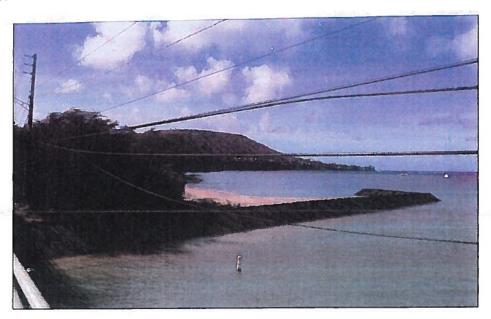
2020 - Department of the Army Permit issued

Spring 2021 - Anticipated construction

Print Name & Signature

Date / 28/2(

I am a member of the Hawaii Kai Marina Community Association. I strongly support the replacement of the temporary sand bag groin at the entrance of the Hawaii Kai Marina with a permanent rock groin.



Project Description

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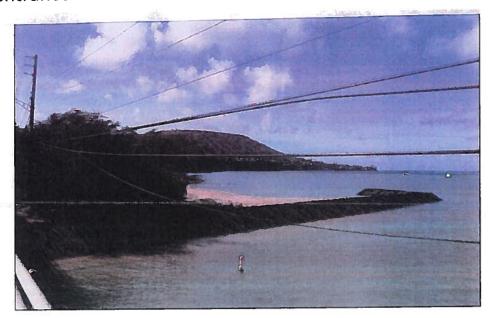
Spring 2021 - Anticipated construction

Wills freman

Print Name & Signature

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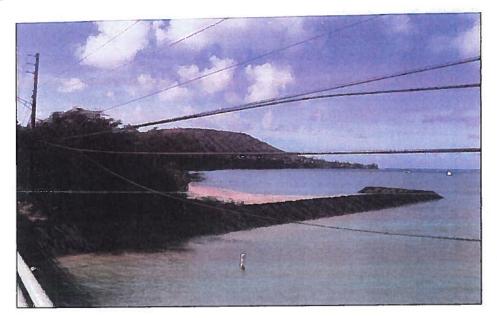
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- Spring 2021 Anticipated construction

DAVE FITZPATRICK

28 JAN 2021

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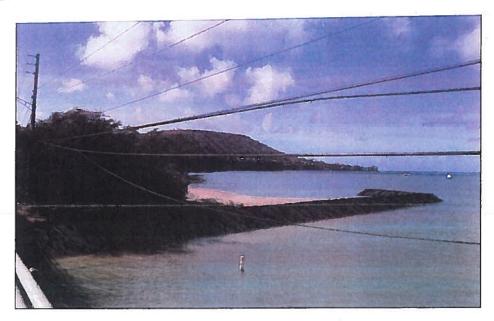
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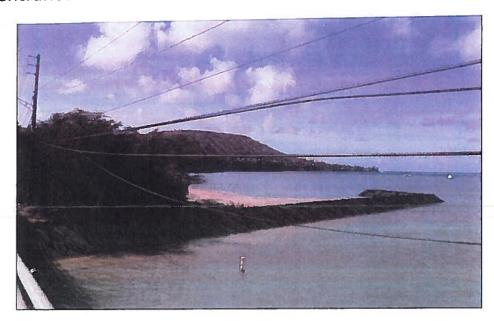
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2020 - Department of the Army Permit issued

Spring 2021 - Anticipated construction

Kenneth J. Zenker Kenners John 1/26/21
Print Name & Signature Date

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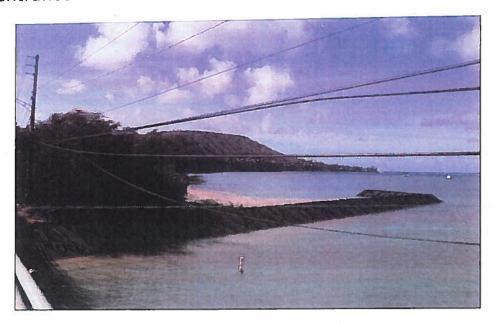
Spring 2021 - Anticipated construction

Print Name & Signature

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1-27-21

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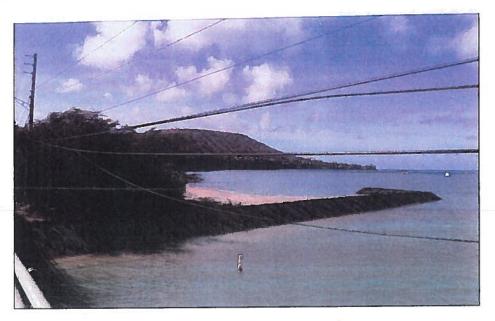
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Spring 2021 - Anticipated construction

Chus Mikewzie Chris Mikenjio Print Name & Signature

1/28/21

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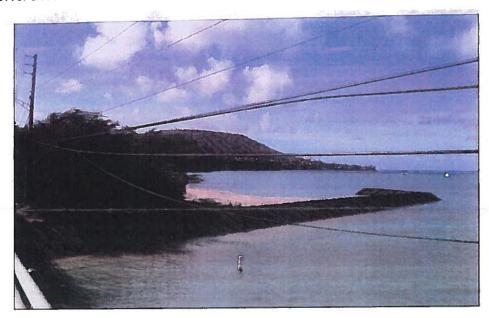
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Spring 2021 - Anticipated construction

Print Name & Signature

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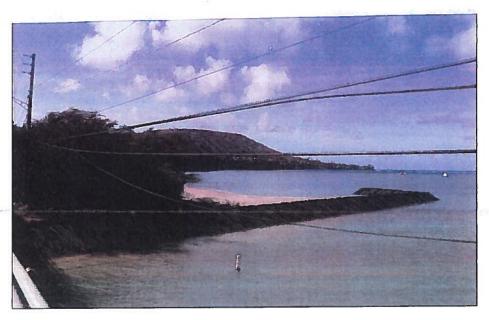
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Spring 2021 - Anticipated construction

Michelle Gray May 1/29/2021
Print Name & Signature Date

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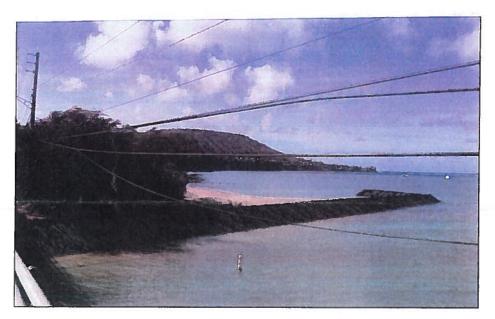
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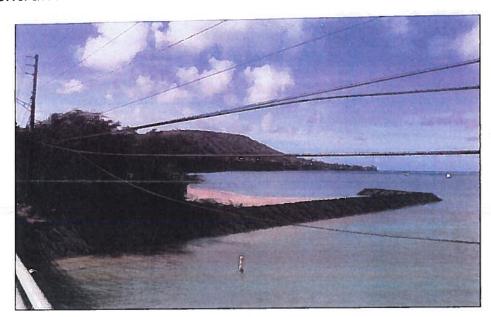
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Spring 2021 - Anticipated construction

Print Name & Signature

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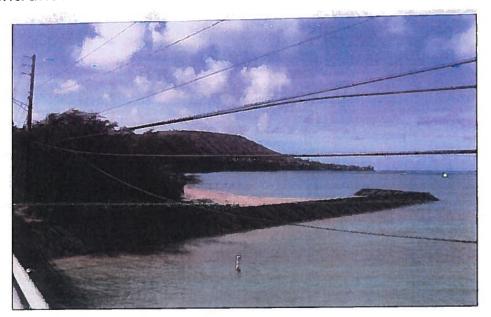
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Spring 2021 - Anticipated construction

Print Name & Signature Davel Davelow 1/29/2021

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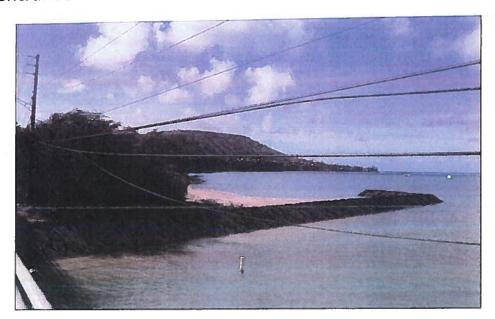
Derman

1/30/21

Print Name & Signature

THOMAS GERMAN

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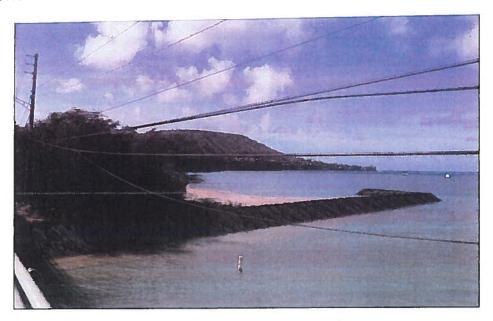
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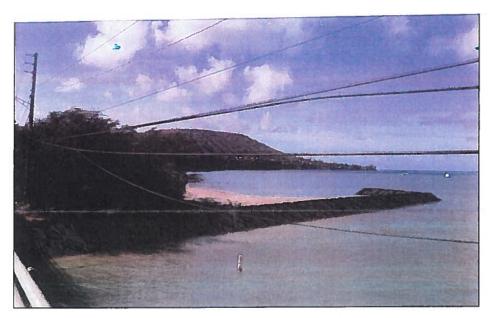
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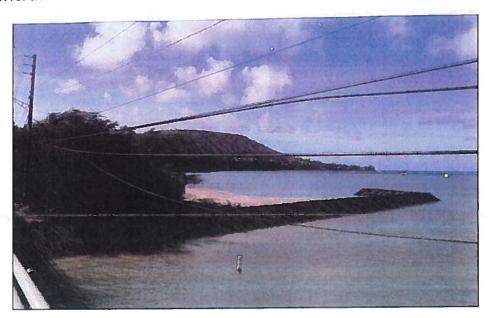
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XH2

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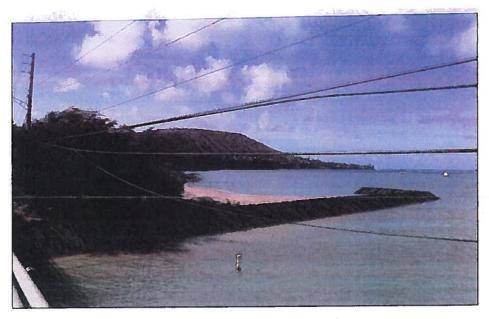
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Print Name & Signature

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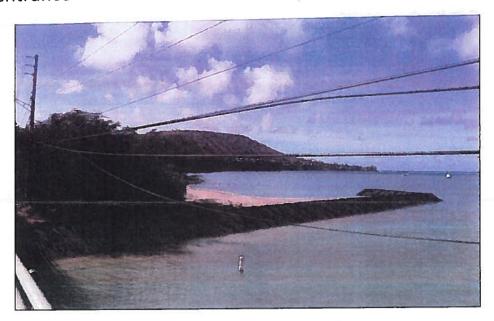
2020 - Department of the Army Permit issued

oring 2021 - Anticipated construction

Gold Catherino

1-30-2021

I am a member of the Hawaii Kai Marina Community Association. I strongly support the replacement of the temporary sand bag groin at the entrance of the Hawaii Kai Marina with a permanent rock groin.



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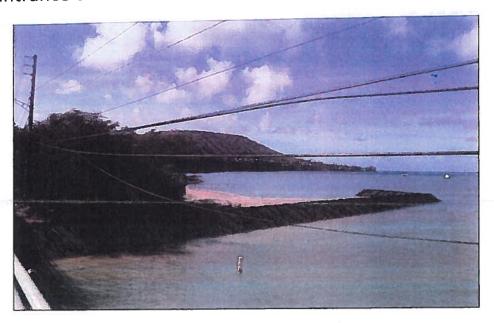
2020 - Department of the Army Permit issued

Spring 2021 - Anticipated construction

BIKWAN BRADLEY HENNINGTON **Print Name & Signature**

1/29/2021

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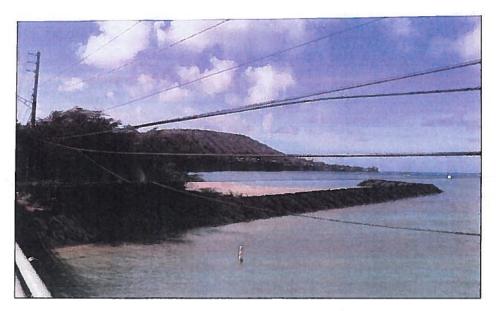
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Spring 2021 - Anticipated construction

Print Name & Signature

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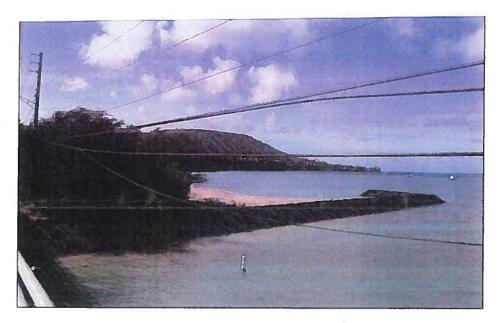
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Spring 2021 - Anticipated construction

Print Name & Signature

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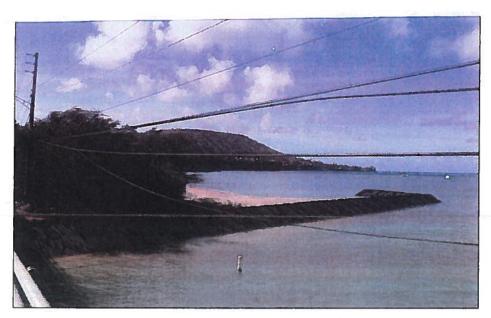
Spring 2021 - Anticipated construction

Print Name & Signature

Monica Kim

1/28/21

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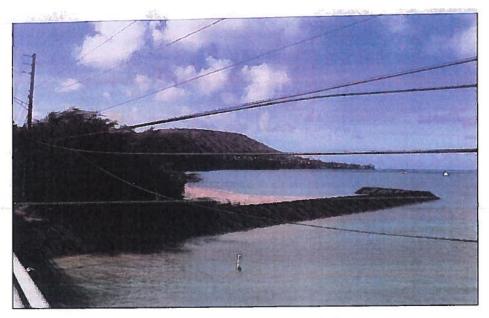
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Spring 2021 - Anticipated construction

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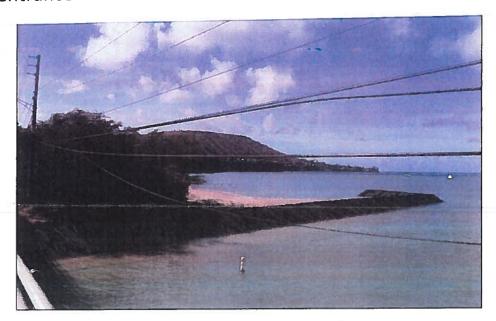
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Spring 2021 - Anticipated construction

on Freming Print Name & Signature

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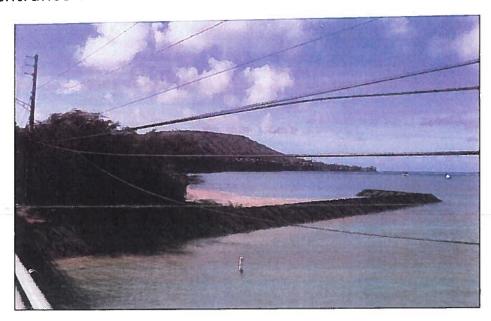
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Spring 2021 - Anticipated construction

Print Name & Signature

1/28/202/ Date

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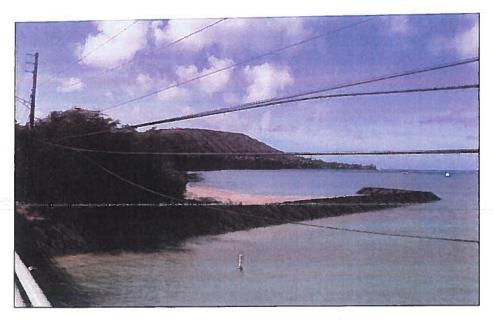
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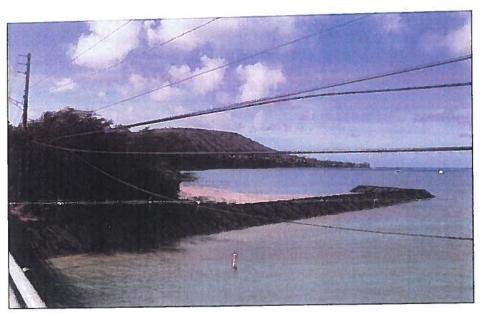
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Spring 2021 - Anticipated construction

Print Name & Signature

1-27-21 Date

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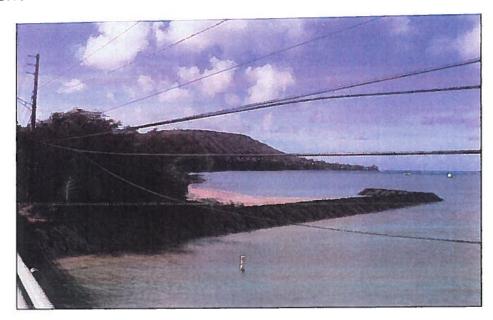
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Spring 2021 - Anticipated construction

Print Name & Signature

1/10/4

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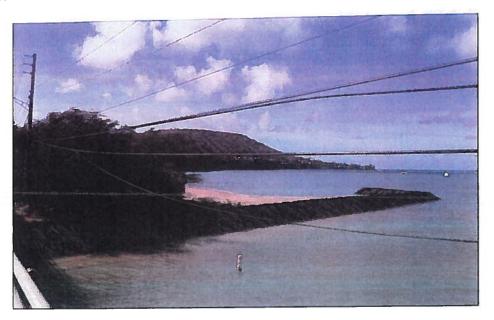
Spring 2021 - Anticipated construction

Print Name & Signature

Jeffeng Mong.

1-29-21

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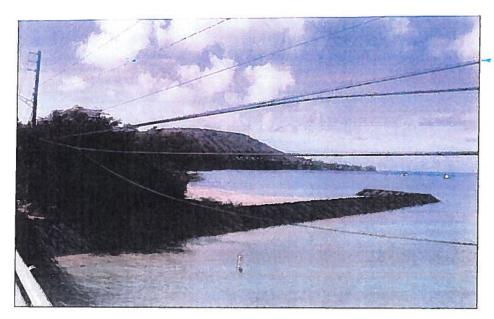
Print Name & Signature

M. K. HAMPTON

Date

1/28/21

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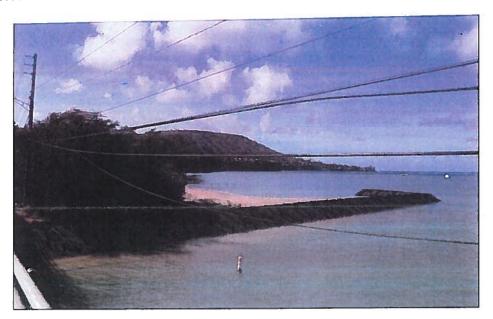
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Ocean Wayne Gregory Hense- Dorror Ocean Kasa- Rosa 1/31/2
Print Name & Signature

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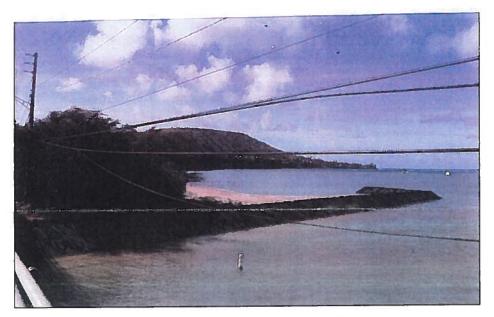
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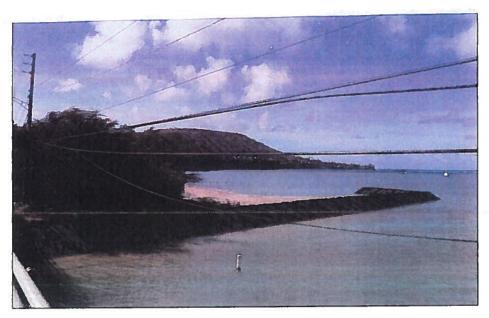
Spring 2021 - Anticipated construction

Darlene Moore

Varen M. more

1-28-21

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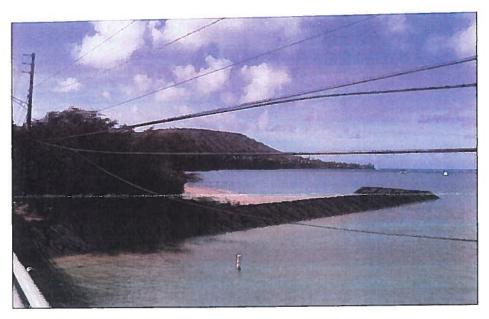
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Tes. vrl 1/28/21

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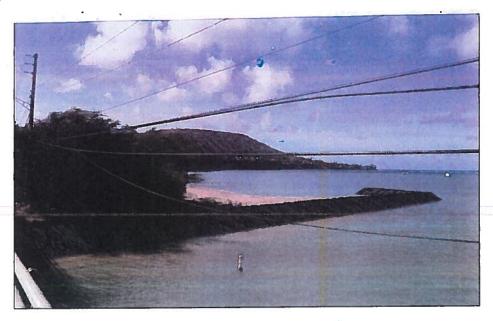
L. STEPHEN LAU

Print Name & Signature

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Jan 28, 2021

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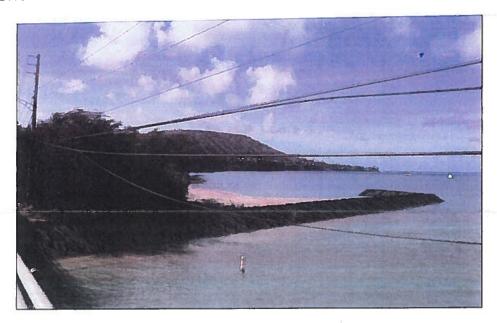
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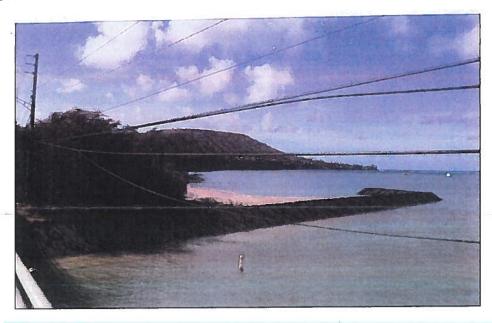
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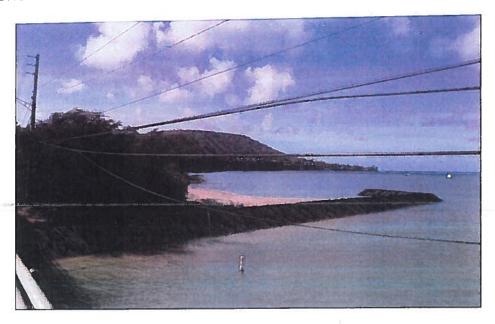
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Esplanade 263 500 Lunalilo Home Rd

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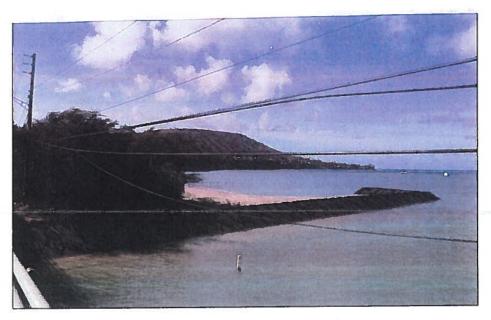
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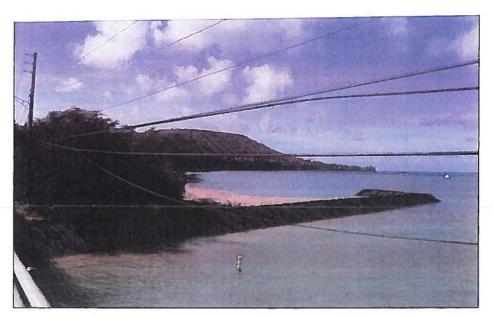
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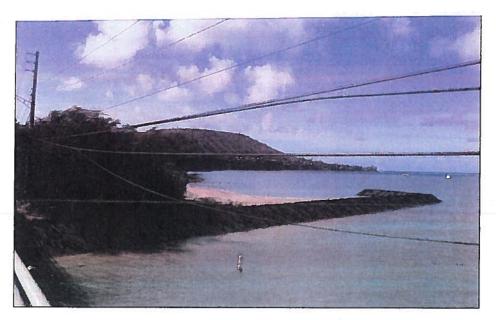
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Gregory Man Syn Man Print Name & Signature 1/27/21

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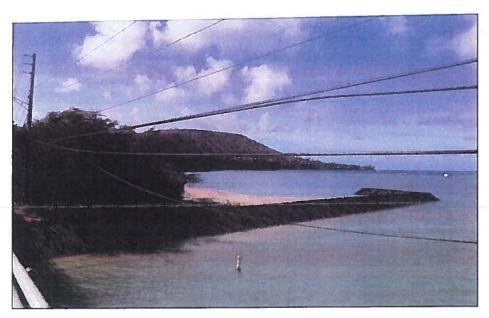
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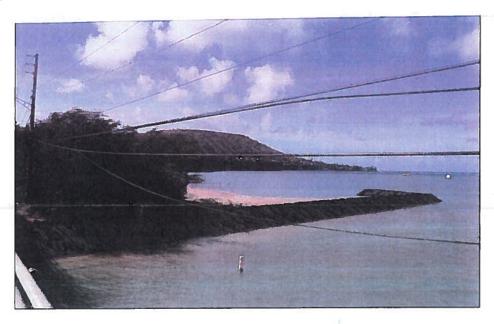
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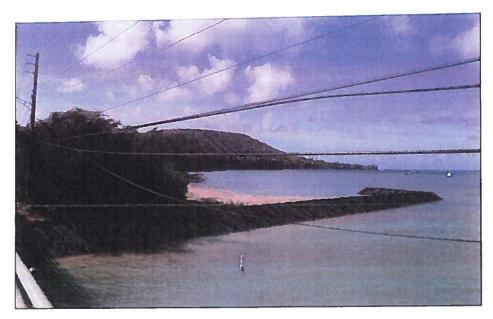
Spring 2021 - Anticipated construction

Franklin R. Smith

26 Jan 2021

Print Name & Signature

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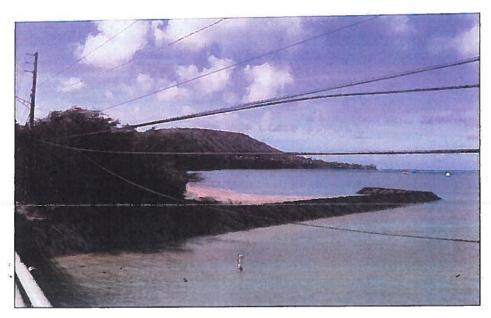
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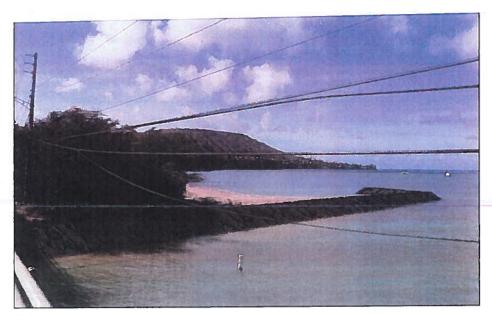
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Charle M. Mosfat FTE
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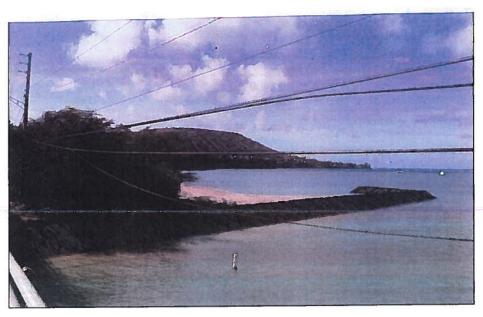
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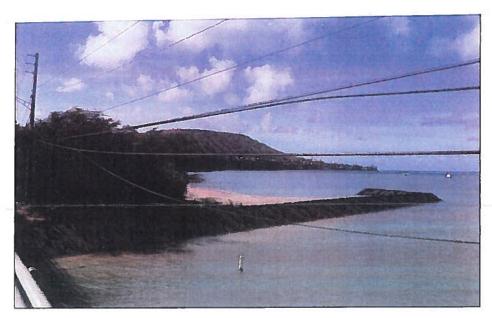
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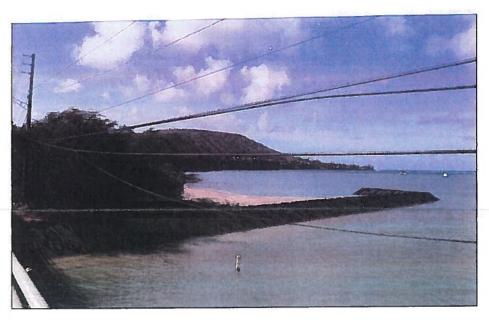
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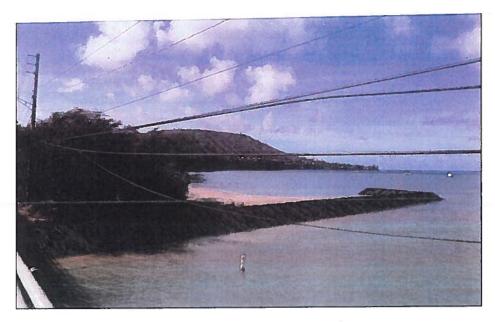
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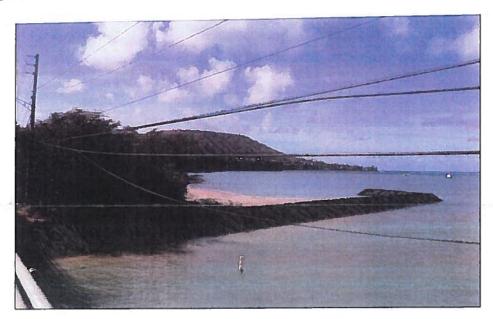
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Spring 2021 - Anticipated construction

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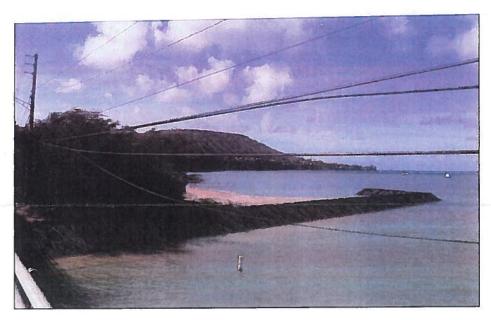
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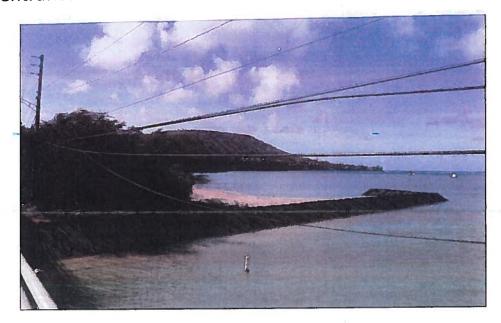
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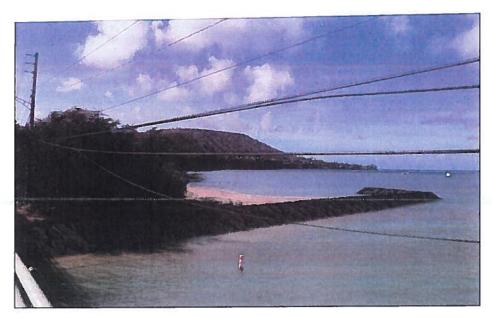
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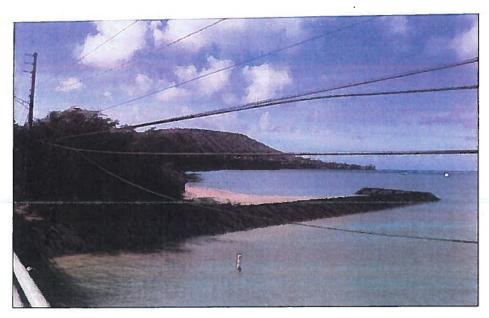
TODP Y. WILLIAMS

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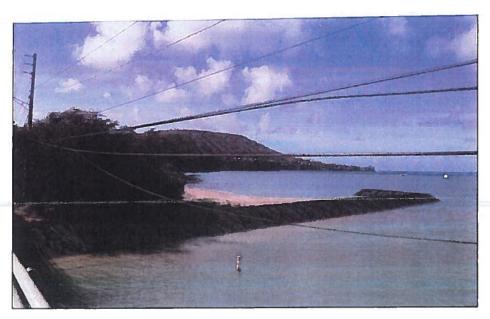
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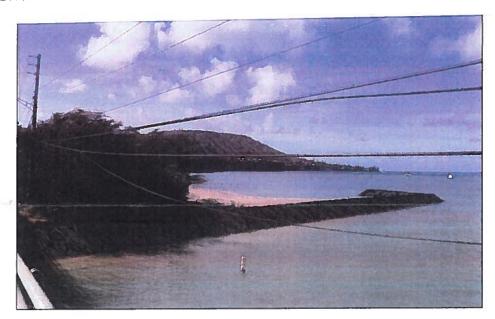
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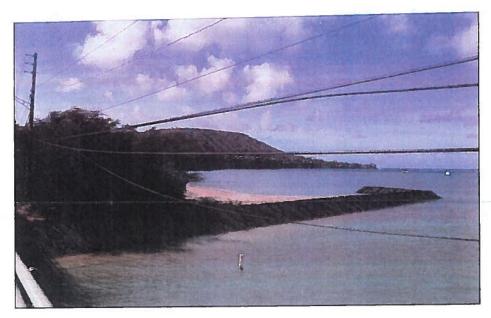
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Print Name & Signature

June Date

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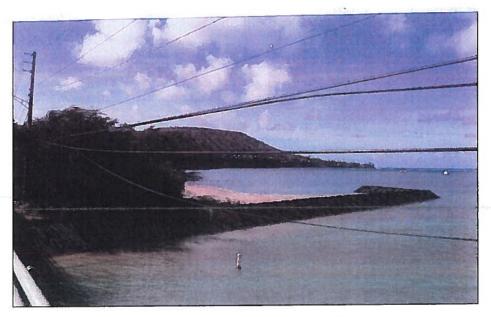
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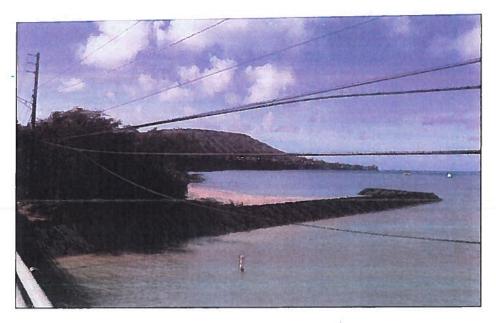
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Mitchel Rosenfeld Print Name & Signature 1/26/21 Date

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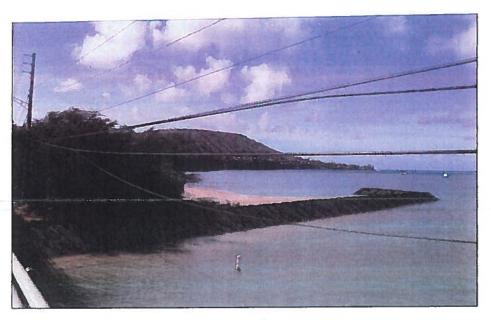
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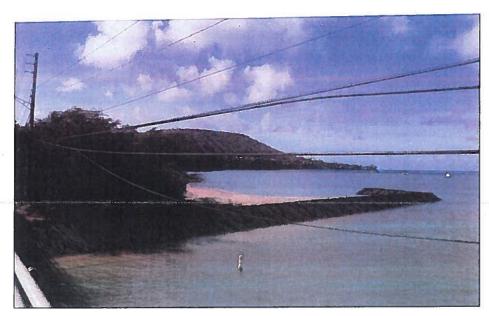
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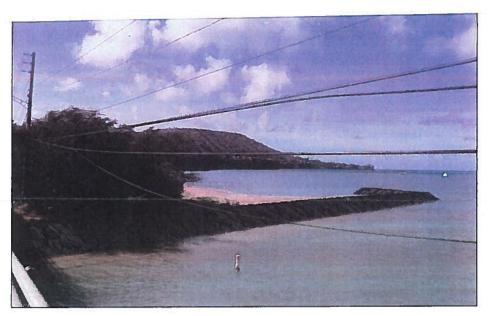
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PAMELA STRODE 2 1/24/2

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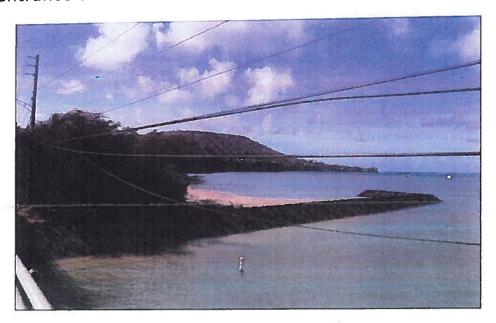
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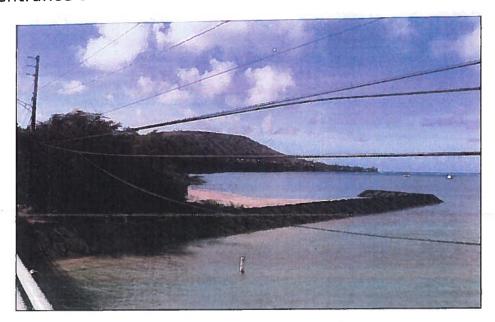
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DAVID STRODE Stutter

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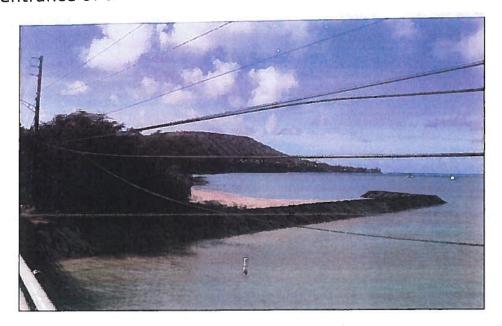
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2018 - Conservation District Use Permit issued

2019 - Special Management Area Minor Permit issued

2020 - Department of the Army Permit issued

Spring 2021 - Anticipated construction

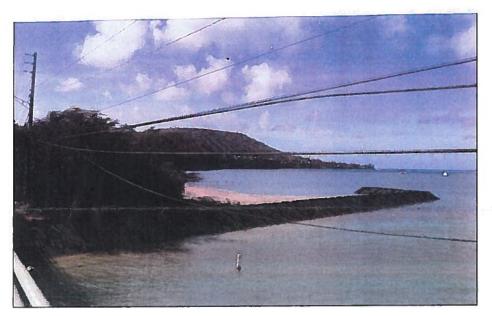
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Print Name & Signature

I am a member of the Hawaii Kai Marina Community Association. I strongly support the replacement of the temporary sand bag groin at the entrance of the Hawaii Kai Marina with a permanent rock groin.



Project Description

The project includes replacing the existing sandbag groin at the Hawaii Kai Marina Entrance Channel with a permanent rock groin. After groin construction, sand that has accumulated on the Portlock side of the groin will be back-passed to the east end of Portlock Beach and used to restore areas of eroded shoreline.

Project Facts

- The project owner is the Hawaii Kai Marina Community Association
- The project engineering is Sea Engineering, Inc. (Derek Linsley PE, dlinsley@seaengineering.com)
- The project is on State submerged lands
- The existing sandbag groin is 150 feet long and is severely degraded
- The new groin would be 290 feet long and made of basalt armor stones
- After groin construction, 400 cubic yards of sand would be taken from the construction area and moved to the east end of Portlock Beach to help restore eroded shoreline
- Anticipated construction duration is approximately 3 months
- Construction access would be via Maunalua Bay Beach Park
- Dredging of the Entrance Channel is not included in this project

Project Timeline

 $\underline{2013}$ - Existing sandbag groin installed to reduce the rate of sand accumulation in the Hawaii Kai Marina Entrance Channel

2016 - Design completed for permanent replacement of the sandbag groin

<u>2017</u> - Final Environmental Assessment published, Finding of No Significant Impact issued

2018 - Conservation District Use Permit issued

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