



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, MOBILE DISTRICT
P.O. BOX 2288
MOBILE, AL 36628-0001

CESAM RD-A
PUBLIC NOTICE NO. SAM-2022-01223-STB

November 6, 2023

JOINT PUBLIC NOTICE
U.S. ARMY CORPS OF ENGINEERS AND
STATE OF ALABAMA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

REQUEST TO IMPACT 0.61 ACRE OF WATERBOTTOMS ON ARNICA BAY,
ELBERTA, BALDWIN COUNTY, ALABAMA

TO WHOM IT MAY CONCERN: This District has received an application for a Department of the Army (DA) permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), and Section 404 of the Clean Water Act (33 U.S.C. 1344). Please communicate this information to interested parties.

APPLICANT: Mr. Earl Thomas
220 Lakewood Drive East
Mobile, AL 36608

Mr. Joseph B. Williams
Post Office Box 35
Webster, NC 28788

Ms. Cynthia Fitts, et al.
4503 Carter Drive
Northport, AL 35476

Mr. Lewis Fitts, et al.
4503 Carter Drive
Northport, AL 35476

Mr. Albert Perkins
29616 Shore Drive South
Mobile, AL 36608

Ms. Ann Campbell
7199 Burpee Road
Grand Blanc, MI 48439

AGENT: Ecosolutions, Inc.
Attention: Mr. Thomas Hutchings
Post Office Box 361
Montrose, Alabama 36559

LOCATION: Arnica Bay; 39600, 29616, 29638, 29660, 29682, 29694 and 29700 Shore Drive South; within Section 25, Township 8 South, Range 5 East; between Latitude 30.322509° North, Longitude -87.520485° West and Latitude 30.321393° North, Longitude -87.518779° West; in Elberta, Baldwin County, Alabama.

PROJECT PURPOSE: The basic project purpose is to stabilize and restore the applicants' shoreline, restore the intertidal zone, and to enhance navigational depths at five residential boat shelters.

PROPOSED WORK: The applicants propose the following:

a. Placement of 316 cubic yards of clean, commercially sourced rip rap within 0.07acre (3,140 square feet) of waterbottoms for the construction of nine (9) headline breakwaters to create seven (7) beach cells. The breakwaters would total approximately 628 linear feet and would be constructed 5-foot wide. They would be constructed to an elevation of 2 feet above the plane of mean high water (MHW).

b. Hydraulic dredging of approximately 1,310 cubic yards of sand from 0.58 acre (25,150 square feet) of waterbottoms to a maximum depth of -6 feet below the plane of mean low water (MLW) for the purpose of restoring navigable access and obtaining source material for beach renourishment. Dredged material will be dewatered within seven (7) created beach cells.

c. Placement of approximately 1,310 cubic yards of dredged sand material within 0.54-acre (23,590 square feet) of waterbottoms, comprised of seven (7) created beach cells below the MHW line. Turbidity controls would consist of temporary coffer dams between headland breakwaters. The coffer dams would be removed when construction is complete.

AVOIDANCE AND MINIMIZATION: The applicants have indicated the fill has been minimized to the greatest extent practicable while still protecting the high energy shoreline from further erosion. The U.S. Army Corps of Engineers (USACE) has not determined the adequacy of the applicant's avoidance and minimization efforts for the proposed activity.

MITIGATION: The applicant has stated that no mitigation would be required because the proposed fill would not be placed in a special aquatic site. The Mobile District has not verified the adequacy of the applicant's proposed mitigation plan at this time.

WATER QUALITY / COASTAL ZONE MANAGEMENT: The applicant has applied for certification from the State of Alabama in accordance with Section 401(a)(1) of the Clean Water Act and for Coastal Zone Management (CZM) consistency concurrence in accordance with the Alabama Coastal Area Management Program. Upon completion of the required advertising and public comment review, a determination relative to Water Quality Certification and CZM consistency will be made by the Alabama Department of Environmental Management (ADEM). This notice will serve as the notification to the Administrator of the Environmental Protection Agency (EPA) pursuant to section 401(a)(2) of the Clean Water Act.

HISTORIC PROPERTIES: In accordance with Section 106 of the National Historic Preservation Act and Appendix C of 33 CFR Part 325, the undertaking defined in this notice is being considered for the potential to affect cultural and historic properties within the permit area. In accordance with Appendix C of 33 CFR Part 325, the Mobile

District has determined the permit area consists of the entire undertaking in waters of the United States. The National Register of Historic Places will be consulted for properties listed in or eligible for the National Register, which are known to exist and would be affected by the proposed work. The Mobile District is seeking comments regarding the existence, or the potential for existence, of significant cultural and historic properties within the permit area. The USACE, Mobile District has not yet made a determination of potential effects the proposed project would have on cultural or historic resources. Further coordination with the State Historic Preservation Officer and/or federally-recognized tribes will be performed as determined to be appropriate.

ESSENTIAL FISH HABITAT: This notice initiates the essential fish habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The proposal would involve the dredging of approximately 0.58 acre (25,150 square feet) of waterbottoms in Arnica Bay and filling of approximately 0.61 acre (26,730 square feet) of intertidal shoreline habitat and waterbottoms below the MHW line during beach nourishment activities. Our initial determination is that the proposed action would not have an adverse impact on EFH or federally managed fisheries due to the minor area of impacts and use of best management practices during construction phases. A submerged aquatic vegetation (SAV) survey has been conducted and the SAV bed that was identified has been avoided in the revised project design. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service and/or U.S. Department of Interior, Fish and Wildlife Service.

ENDANGERED SPECIES: Preliminary review of this application and the U.S. Department of the Interior's List of Endangered and Threatened Wildlife and Plants indicate the following federally listed species are known or expected to occur within the watershed of the project action area: West Indian manatee (T), red knot (T), eastern indigo snake (T), Kemp's ridley sea turtle (E), Gulf sturgeon (T), and loggerhead sea turtle (T). Our initial determination is that the proposed activity will have no effect on these listed endangered or threatened species. There is no designated critical habitat within the project action area. This determination is being coordinated with the USFWS via this Public Notice.

COMMENTS: This public notice is being distributed to all known interested persons in order to assist in developing facts on which a decision by the USACE can be based. The Mobile District is soliciting comments from the public, federal, state and local agencies and officials; Indian tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the USACE to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects,

and the other public interest factors listed below. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity. Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state with particularity, the reasons for holding a public hearing. For accuracy and completeness of the record, all data in support of or in opposition to the proposed work should be submitted in writing, setting forth sufficient detail to furnish a clear understanding of the reasons for support or opposition.

The decision whether to issue a permit will be based on an evaluation of the probable impact, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, and in general, the needs and welfare of the people. Evaluation of the probable impacts involving deposits of dredged or fill material into waters of the United States will also include the application of guidelines established by the Administrator of the U.S. Environmental Protection Agency.

Correspondence concerning this notice should refer to Public Notice Number **SAM-2022-01223-STB** and should be directed to the project manager, Ms. Jennifer J. Wilder by e-mail at Jennifer.J.Wilder@usace.army.mil, or to the USACE, Mobile District, Regulatory Division, Attention: Ms. Jennifer J. Wilder, Post Office Box 2288, Mobile, Alabama 36628-0001. Copies of all comments should be furnished to the Alabama Department of Environmental Management at coastal@adem.alabama.gov, or sent to: Alabama Department of Environmental Management, Mobile Branch / Coastal Section, 3664 Dauphin Street, Suite B, Mobile, Alabama 36608. **All comments should be received no later than 30 days from the date of this Public Notice.**

For additional information about our Regulatory Program, please visit our web site at www.sam.usace.army.mil/Missions/Regulatory.aspx.

MOBILE DISTRICT
U.S. Army Corps of Engineers

Attachments

Legend

 Project Area



Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/NASA, EPA, USDA, Copyright © 2013
National Geographic Society, i-cubed

SAM-2022-01223-STB

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mi

Map Center: 87.522097°W 30.314272°N

Map Created by: J. Wilder

Date: 11/1/2023

Coordinate System: WGS 1984 Web Mercator Auxiliary
Sphere

Legend

 Project Area



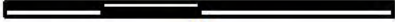
Arnica Bay

Ross Point

Esri, HERE, Garmin, INCREMENT P, USGS, EPA, USDA, State of Florida, Maxar, Microsoft



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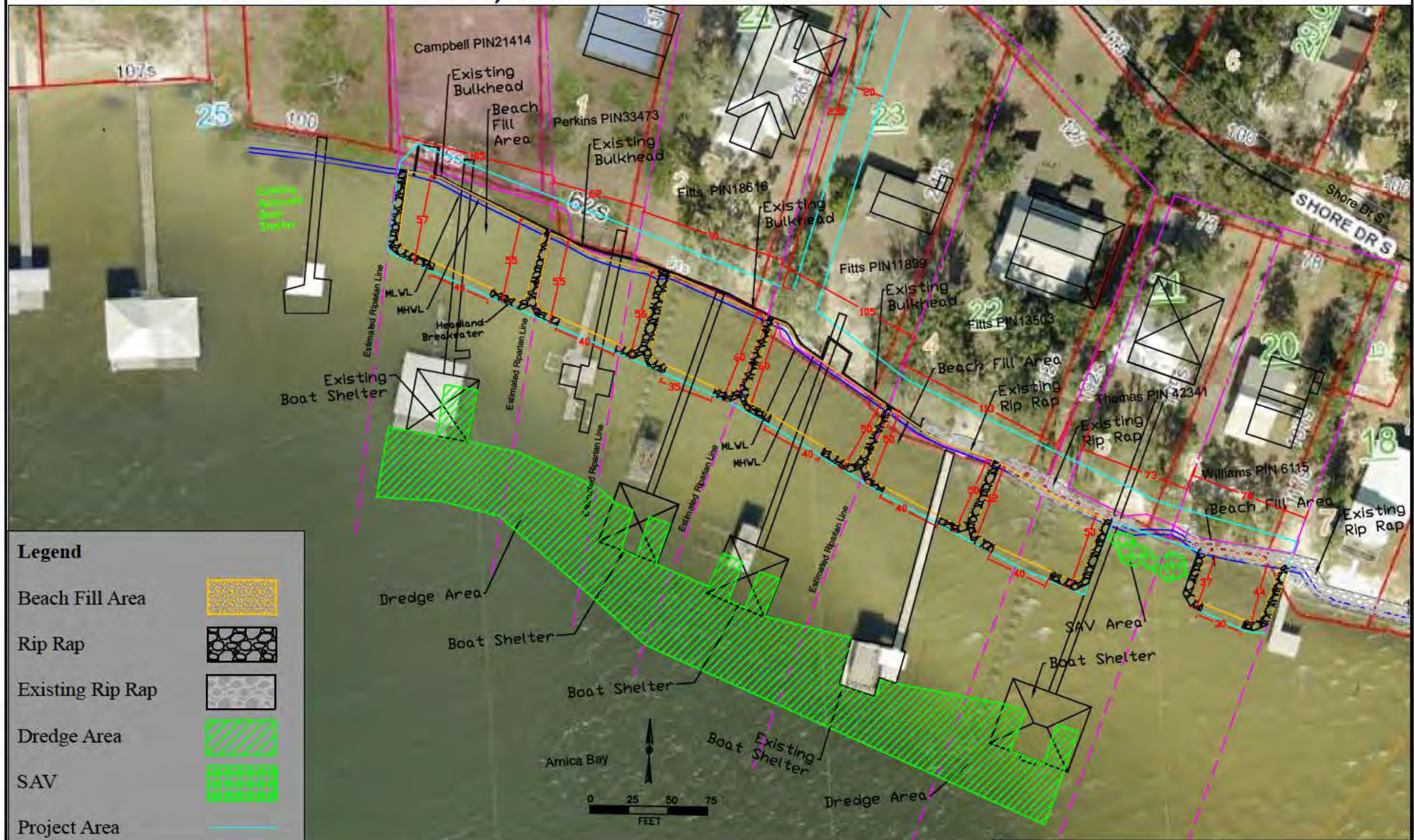
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Map Created by: D. Jordan

Date: 9/11/2023

Coordinate System: WGS 1984 Web Mercator Auxiliary
Sphere

FOR PERMITTING ONLY, NOT TO BE RELIED ON FOR CONSTRUCTION



Note: All dimensions shown are measured in feet. Drawings are for USACE, ADEM and AL State Lands permitting only and should not be used for construction.

A survey should be performed prior to placement of structures. Distances from existing structures were estimated based on aerial photos. Property boundaries are estimated based on available information.

Dept of the Army // SAM-2022-01223-STB

Arnica Bay Overall Site Plan on Aerial

EcoSolutions
ENVIRONMENTAL MEDIATION, MANAGEMENT & PLANNING

P.O. BOX 361
MONTROSE, AL 36559
(251) 621-5006

PREPARED FOR

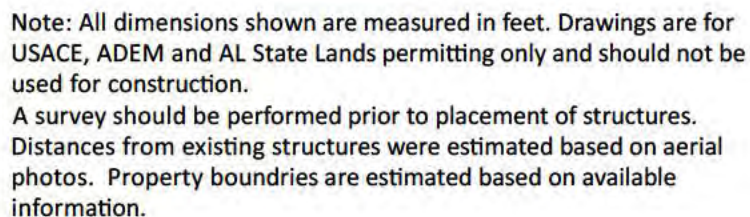
DRAWN BY
L. Kercher
CHECKED BY
T. Hutchings

DATE OF LAST REVISION
June 14, 2023
SCALE: AS STATED

DWG
Arnica Bay Beach

SHEET 1

Site Plan



Dredge Area = 25,150 square feet
Volume = 1,310 cubic yards
Beach Fill Area = 23,590 square feet
Volume = 1,310 cubic yards
Rip Rap Area = 3,140 square feet
Volume = 316 cubic yards
Linear feet of Rip Rap = 628 feet

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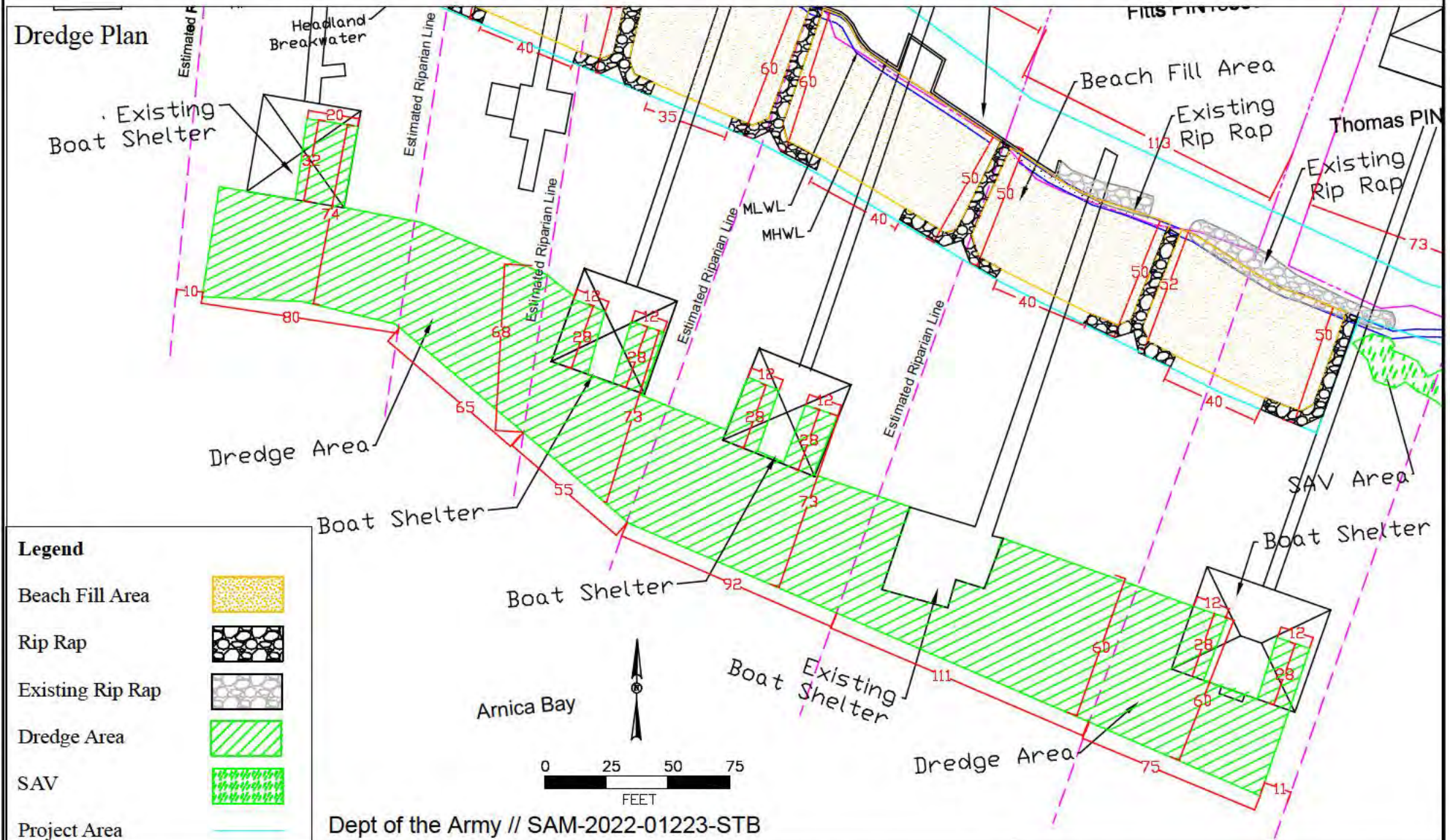
DRAWN BY L. Korcher
CHECKED BY T. Hutchins

DATE OF LAST REVISION	June 15, 2023
SCALE AS STATED	

Amica Bay Beach

SHEET 1

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Volume = 1,310 cubic yards
Beach Fill Area = 23,590 square feet
Volume = 1,310 cubic yards
Rip Rap Area = 3,140 square feet
Volume = 316 cubic yards
Linear feet of Rip Rap = 628 feet

Arnica Bay Overall Dredge Plan

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(251) 821-5006

PREPARED FOR

DRAWN BY

DATE OF LAST REVISION

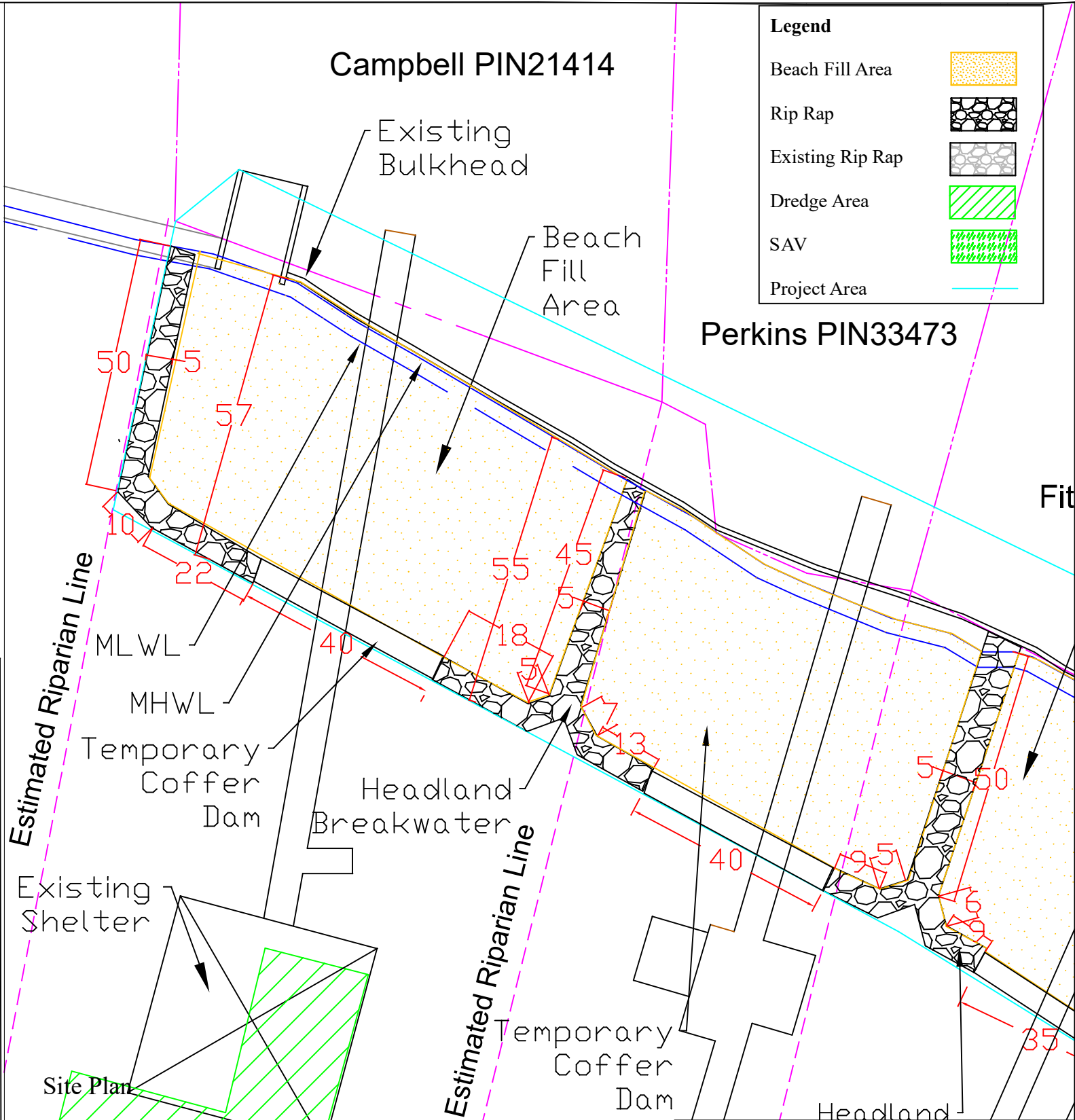
DWG

CHECKED BY

SCALE: AS STATED

Arnica Bay Beach

SHEET 1



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Arnica Bay Beach Plan Campbell & Perkins

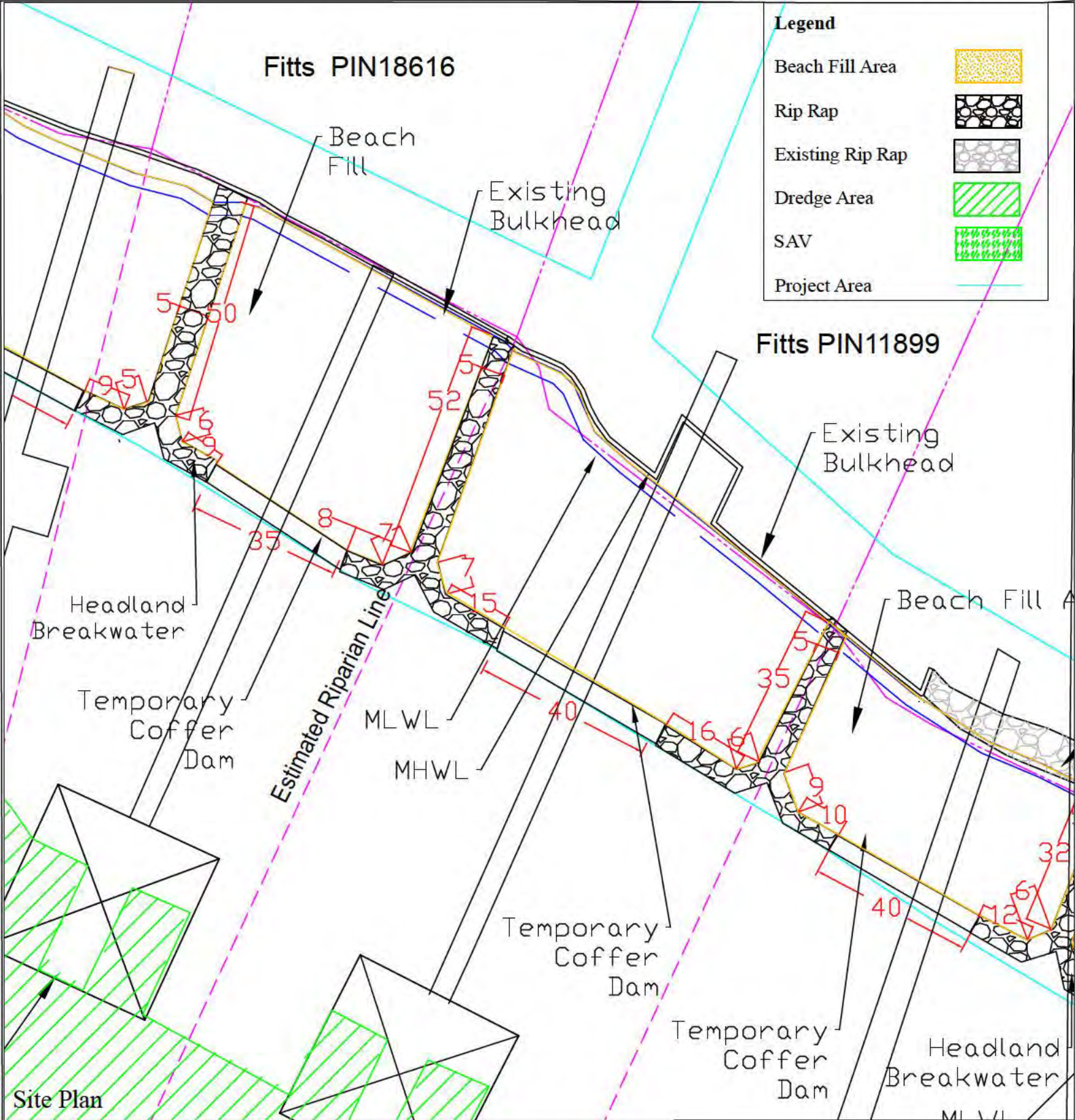
EcoSolutions
ENVIRONMENTAL, MEDIATION, MANAGEMENT & PLANNING

PREPARED FOR: DATE OF LAST REVISION: June 15, 2023 DWG: Arnica Bay Beach

DRAWN BY: CHECKED BY: T. Hutchings SCALE: AS STATED SHEET 3

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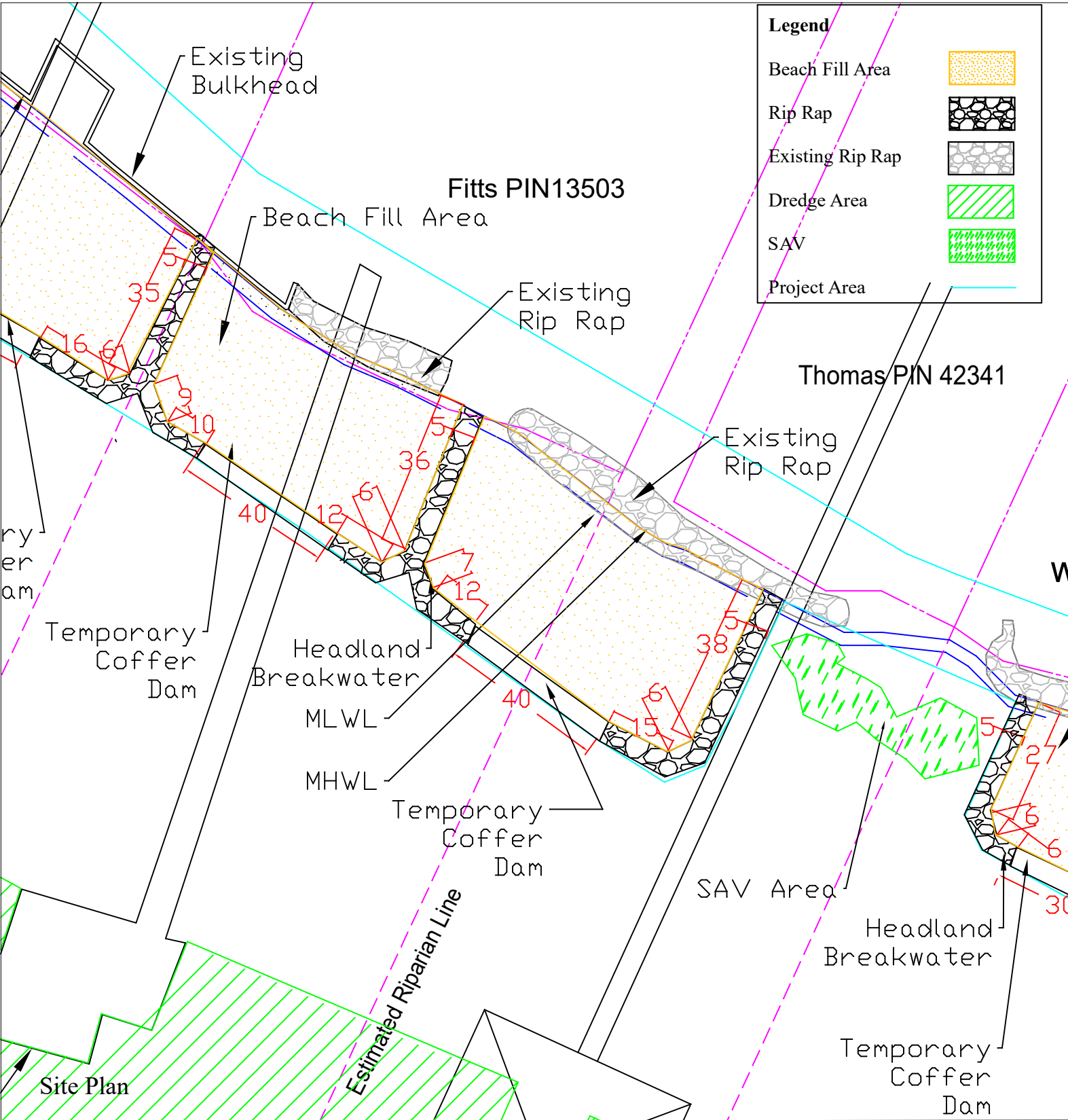
Arnica Bay Beach Plan Lewis Fitts



P.O. BOX 361
MONTROSE, AL 36556
(251) 621-5006

PREPARED FOR	DRAWN BY L. Kordner	DATE OF LAST REVISION June 15, 2023	DWG Arnica Bay Beach
	CHECKED BY T. Hutchings	SCALE: AS STATED	SHEET 3

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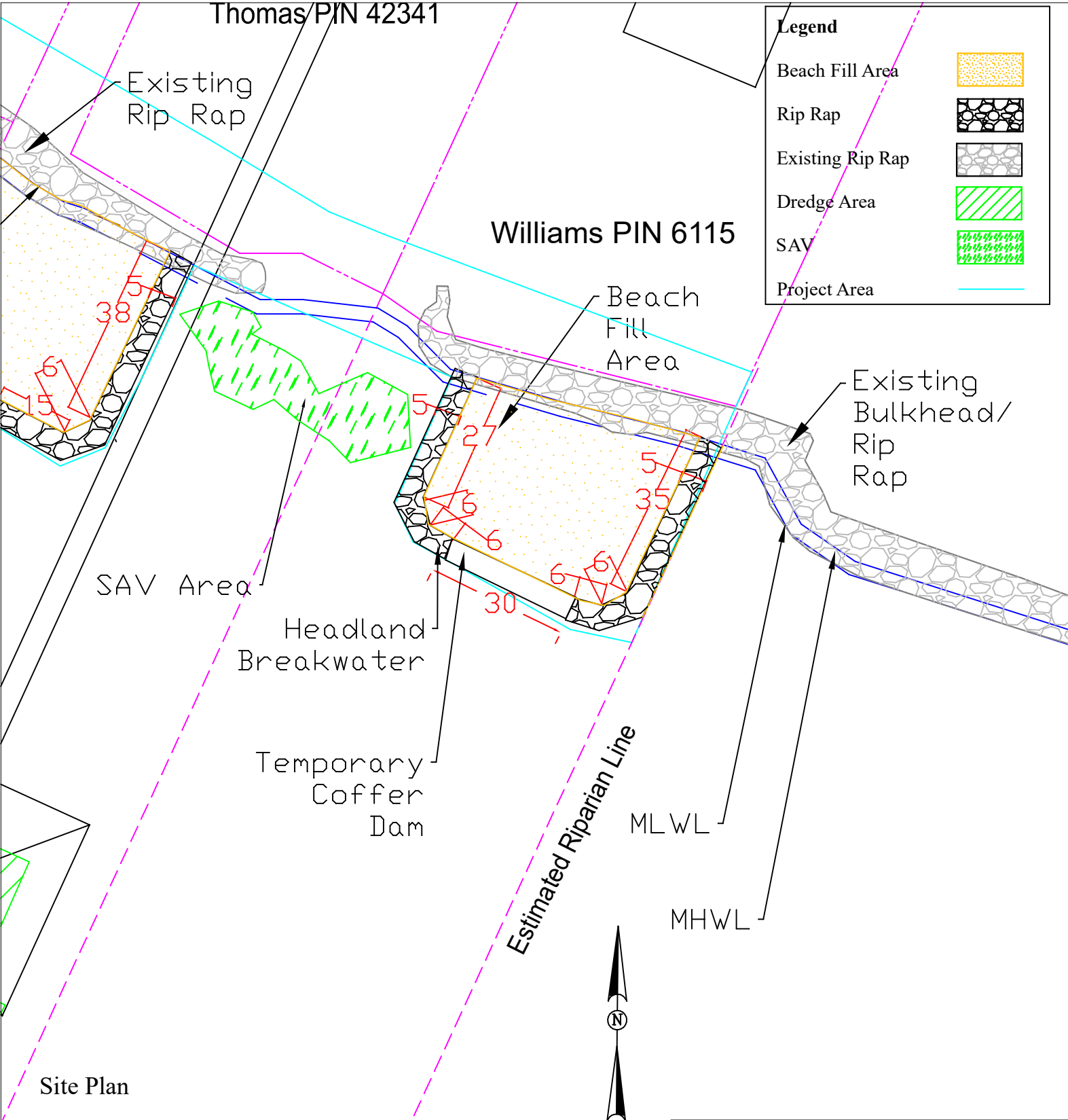
Arnica Bay Beach Plan Cynthia Fitts & Thomas



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(251) 621-5006

PREPARED FOR	DRAWN BY L. Karcher	DATE OF LAST REVISION June 15, 2023	DWG Arnica Bay Beach
	CHECKED BY T. Hutchings	SCALE AS STATED	SHEET 3

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Arnica Bay Beach Plan Williams

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ENVIRONMENTAL, MEDIATION, MANAGEMENT & PLANNING

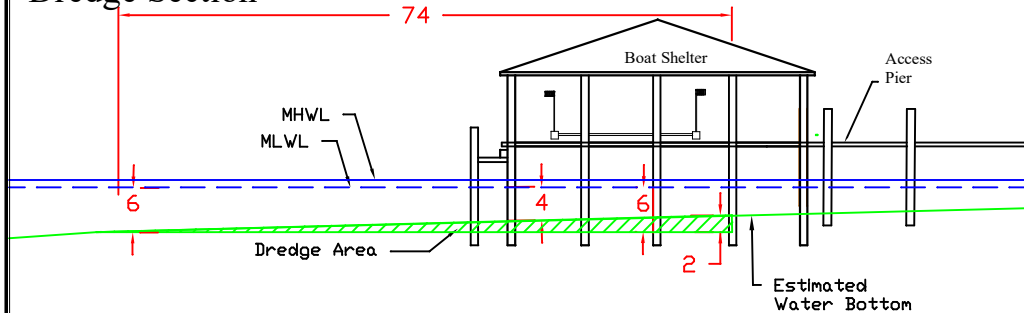
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DRAWN BY: L. Karcher	DATE OF LAST REVISION: June 15, 2023	DWG: Arnica Bay Beach
CHECKED BY: T. Hutchings	SCALE: AS STATED	SHEET 3

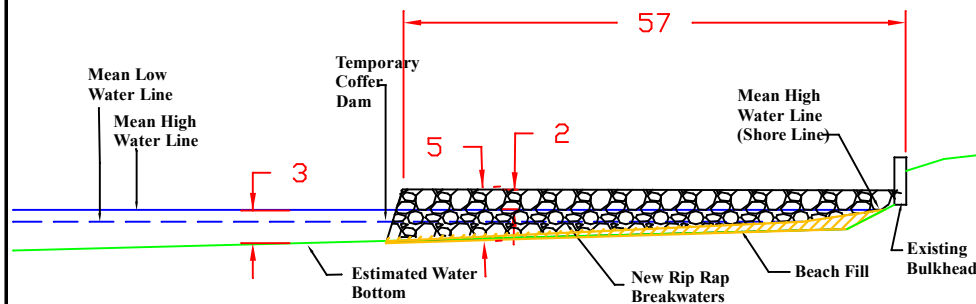
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(251) 621-5006

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Dredge Section



Beach Section



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Campbell Dredge, Beach Sections

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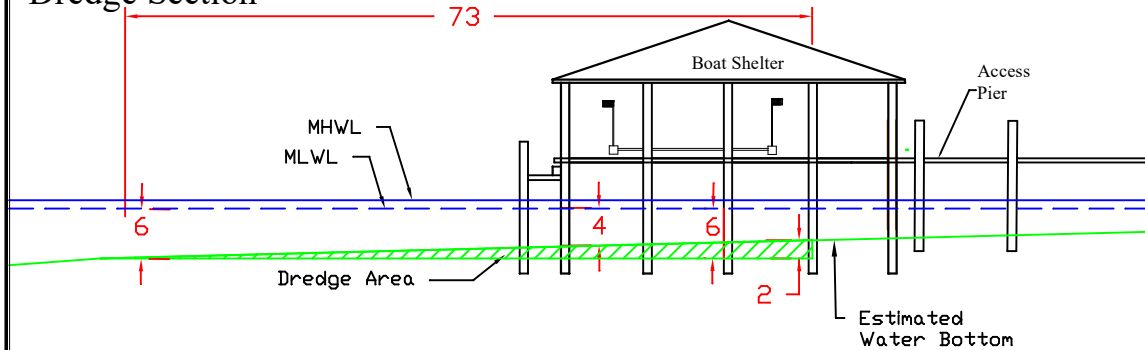
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SCALE AS STATED		SHEET 2	

campbell property 4.26.23

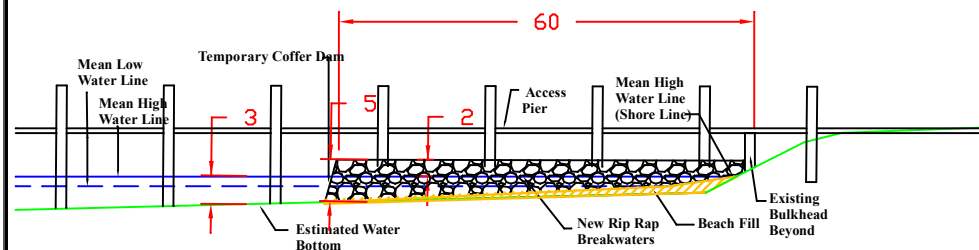
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	CHECKED BY T. Hutchings	SCALE AS STATED	
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Dredge Section



Beach Section



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Lewis Fitts PIN 18616 Dredge, Beach Sections

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DRAWN BY

DATE OF LAST REVISION

DWG

L. Karcher

June 8, 2023

CHECKED BY

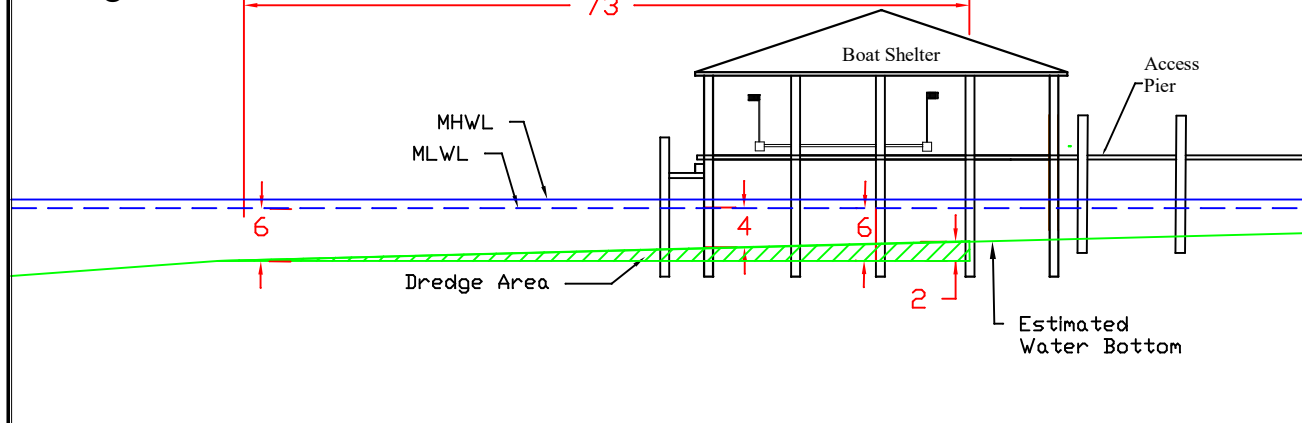
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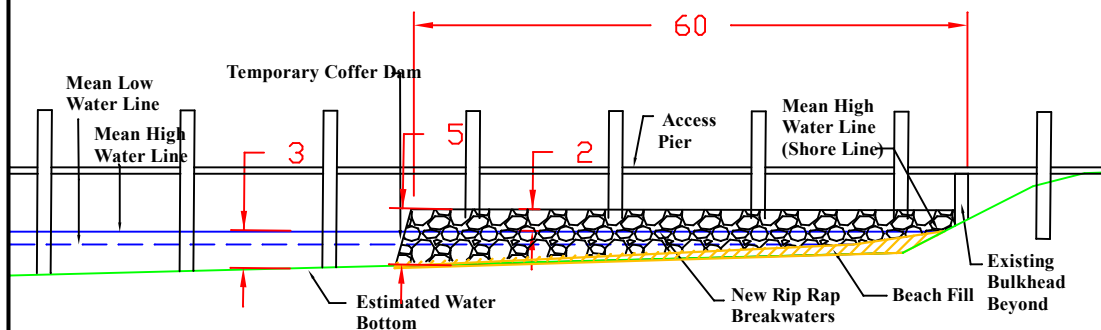
T. Hutchings

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Dredge Section



Beach Section



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Lewis Fitts PIN 11899 Dredge, Beach Sections

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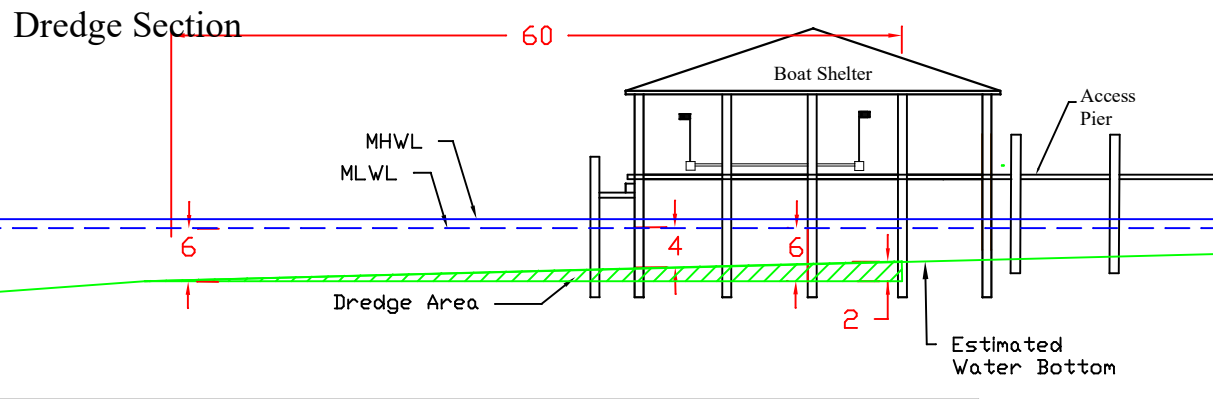
DRAWN BY
L. Kercher
CHECKED BY
T. Hutchings

DATE OF LAST REVISION
June 15, 2023
SCALE AS STATED

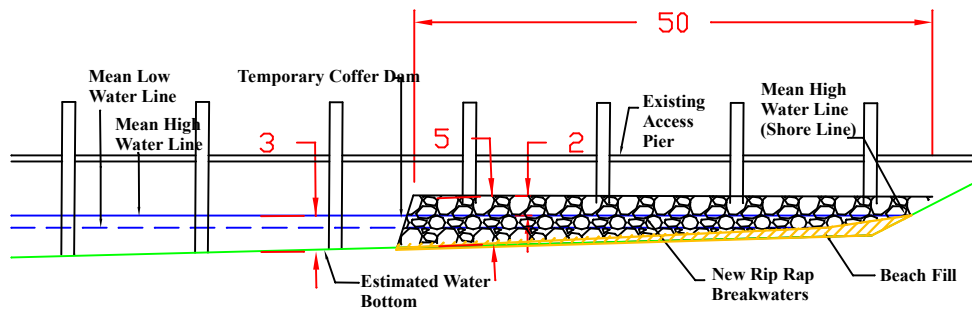
DWG

SHEET 2

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Beach Section



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Cynthia Fitts PIN 13503 Dredge, Beach Sections

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DRAWN BY

DATE OF LAST REVISION

DWG

L. Karcher

June 15, 2023

CHECKED BY

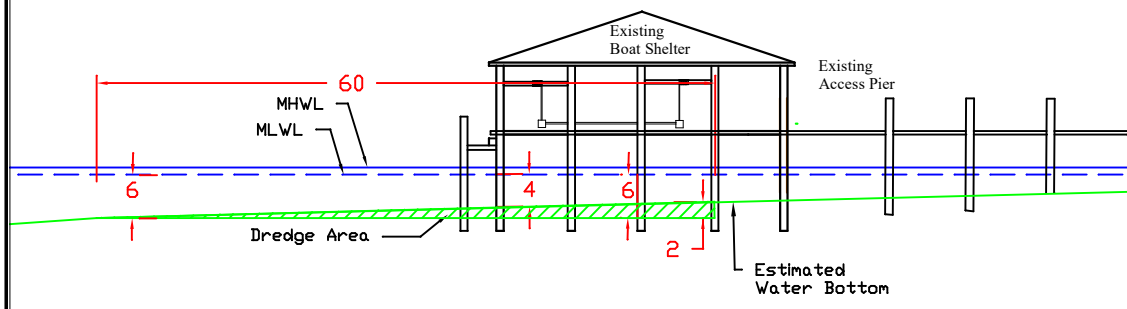
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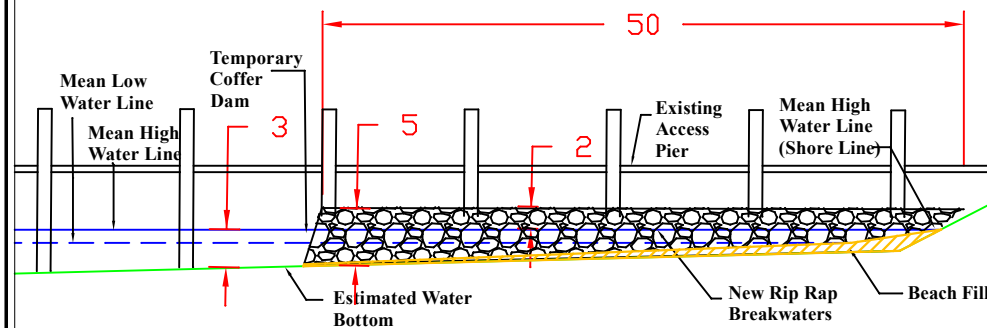
T. Hutchings

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Dredge Section



Beach Section



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Thomas Dredge, Beach Sections

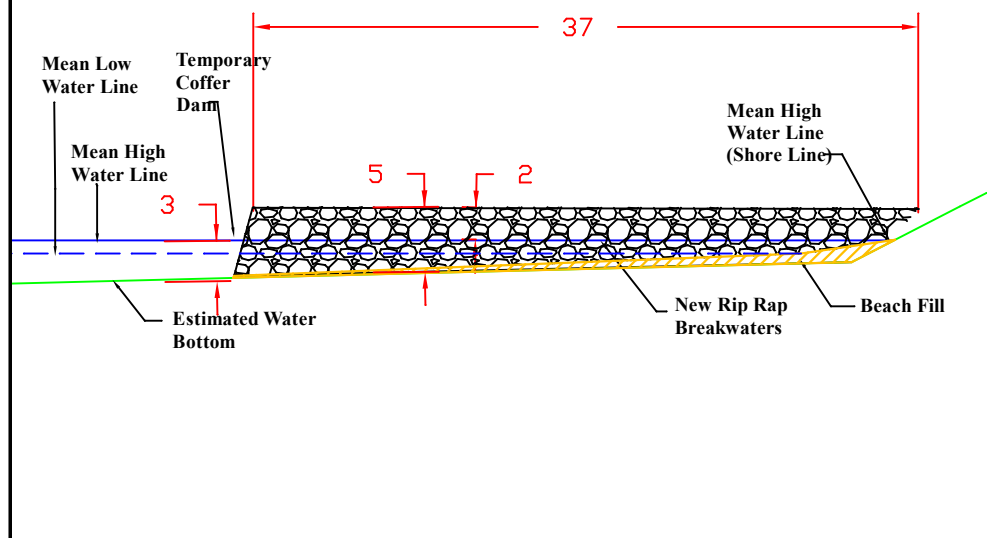
EcoSolutions
ENVIRONMENTAL MEDIATION, MANAGEMENT & PLANNING

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MONTROSE, AL 36559
(251) 621-5006

PREPARED FOR	DRAWN BY L. Kercher	DATE OF LAST REVISION June 15, 2023	DWG
	CHECKED BY T. Hutchings	SCALE AS STATED	SHEET 2

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Beach Section



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Williams Dredge, Beach Sections



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(251) 621-5006

PREPARED FOR	DRAWN BY L. Kercher	DATE OF LAST REVISION June 15, 2023	DWG
	CHECKED BY T. Hutchings	SCALE AS STATED	SHEET 2