



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-2017-00647-APS

June 12, 2024

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

MAINTENANCE DREDGING FOR NAVIGATION AND BEACH RENOURISHMENT

TO WHOM IT MAY CONCERN: This District has received an application for a Department of the Army 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. John Adams
Fairhope Yacht Club
Post Office Box 1327
Fairhope, Alabama 36533

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

LOCATION: The project is located in the waters of East Mobile Bay near the mouth of Fly Creek, 101 Volanta Avenue; within Sections 8 and 37, Township 6 South, Range 2 East; at Latitude 30.543024° North, Longitude -87.904835° West; Fairhope, Baldwin County, Alabama.

PROJECT PURPOSE: The project has a dual overall purpose, which is to dredge a previously dredged channel from the mouth of Fly Creek into East Mobile Bay to allow continued navigational access to Fly Creek; and to provide beach renourishment for shoreline stabilization and recreation.

PROPOSED WORK:

Maintenance Dredging: The applicant proposes to dredge a total of 35,692 cubic yards of sand and silt from a 276,294-square foot (6.34 acres) area utilizing hydraulic dredging methods to achieve a depth of 8-feet below mean low water (MLLW), with an over dredge depth of two feet. An 80-foot-wide by 800-foot-long channel segment (stations 0+00 to 8+00), 160-foot-wide by 700-foot-long channel segment (stations 8+00 to 15+00), and 80-foot-wide by 200-foot-long channel segment (stations 15+00 to 17+00) will be dredged from the mouth of Fly Creek in a westerly direction to Mobile Bay.

An additional dredge area in the marina will include the 69 to 100-foot wide by 795-foot-long channel segment (Stations 17+00 to 24+95) and an irregularly shaped channel around PIN 47887 that is 545 feet long. The total length of the channel to be dredged will be 3,040 linear feet. The dredged material will be utilized as fill material to renourish the southern shoreline area adjacent to the channel.

South Shoreline Renourishment: A shoreline renourishment area will be along the existing shoreline located south of the southern jetty, which lines the Fly Creek channel confluence with Mobile Bay. The south shoreline renourishment area will be 641-foot-long and extend 50 to 118 feet waterward of the existing MHW shoreline. This renourishment project will fill a total of 50,200 square feet (1.152 acres) of waterbottom area waterward of the MHW shoreline. A total of 26,030 cubic yards of de-watered dredge material will be utilized as fill for southern shoreline protection and renourishment. The remaining dredge spoil, once de-watered, will be spread in the uplands of the Fairhope Yacht Club property.

Dewatering Area: Prior to utilization of the dredged material for the southern shoreline renourishment, the dredged material will be placed in a de-watering cell located south of the channel, adjacent to the south shoreline renourishment area. The de-watering cell will be a 231-foot-long by 48-foot-wide (11,088 square feet or 0.255 acre) area aligned parallel to the shoreline in an upland area, 12 feet landward of the existing MHW line along the shore. The material will be contained in this de-watering cell by a 3-foot-high by 4-foot wide (as measured at the toe) earthen berm. The dewatering cell will be excavated to a depth of 4 feet below the current ground surface elevation to achieve a total depth of 6 feet. Material excavated to achieve the 6-foot depth will be utilized to construct the berm surrounding the de-watering cell. Plastic sheeting will be placed under the de-watering outfall pipe to prevent erosion from dredged material return water. Outfall protection will be placed 5-feet from the end of the de-watering pipe. The de-watering cell will be filled and emptied as needed during dredging operations. The de-watered sand and silt will be mechanically moved from the de-watering cell to the southern shoreline renourishment area.

AVOIDANCE AND MINIMIZATION: The project area is within the same footprint of the existing marina basin. As such, no new navigation or marina areas are being created. Likewise, the dredge spoil will be utilized in uplands within the project area or placed on the existing beach as permitted previously. No new impacts will occur. Turbidity curtains will be utilized and maintained while actively dredging and during the placement of material thus further minimizing impacts.

MITIGATION: This project does not involve the placement of dredge or fill material into Waters of the United States causing permanent impacts to aquatic resources, therefore, mitigation is not required for this project.

WATER QUALITY / COASTAL ZONE MANAGEMENT: The applicant will apply 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).

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 as well as portions of the upland lot. 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 comment from the State Historic Preservation Officer regarding the existence, or the potential for existence, of significant cultural and historic properties within the permit area. The permit area described above is currently under review by District Archaeologists to provide a determination on the potential for existence of significant cultural and historic properties.

ESSENTIAL FISH HABITAT: This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The proposed project would impact approximately 640 square feet (0.01 acres) of unvegetated estuarine substrate and 1,920 square feet (0.04 acre) of open water utilized by various life stages of multiple marine species. 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 impact and proposed mitigation activities. Our final determination is subject to review by and coordination with the National Marine Fisheries Service and/or the U.S. Department of Interior, and the U.S. Fish and Wildlife Service (USFWS).

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 proposed activity will have no effect on the following listed endangered or threatened species with the potential to exist within the watershed of the permit area: Northern Long-eared Bat (*Myotis septentrionalis*) (E), West Indian manatee (T), Rufa Red Knot (*Calidris canutus rufa*) (T), Eastern Indigo Snake (*Drymarchon couperi*) (T), Kemp's Ridley Sea Turtle (*Lepidochelys kempii*) (E), Loggerhead Sea Turtle (*Caretta caretta*) (T), and the Gulf Sturgeon (*Acipenser oxyrinchus*) (T). 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.

**CESAM RD-A
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**June 12, 2024
Page 5 of 5**

Correspondence concerning this notice should refer to Public Notice Number **SAM-2017-00647-APS**, and should be directed to the project manager, Ms. Leslie Hiles Lott by e-mail at leslie.h.lott@usace.army.mil, or to the USACE, Mobile District, Regulatory Division, Attention: Ms. Leslie Hiles Lott, 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

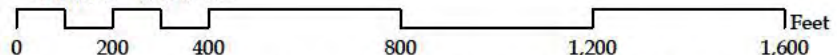
Attachments



P.O. Box 361 Montrose, AL 36559
Phone: 251-621-5006 Fax: 251-621-5058

Project: Fairhope Yacht Club Dredging
Applicant: Fairhope Yacht Club

1 inch = 400 feet



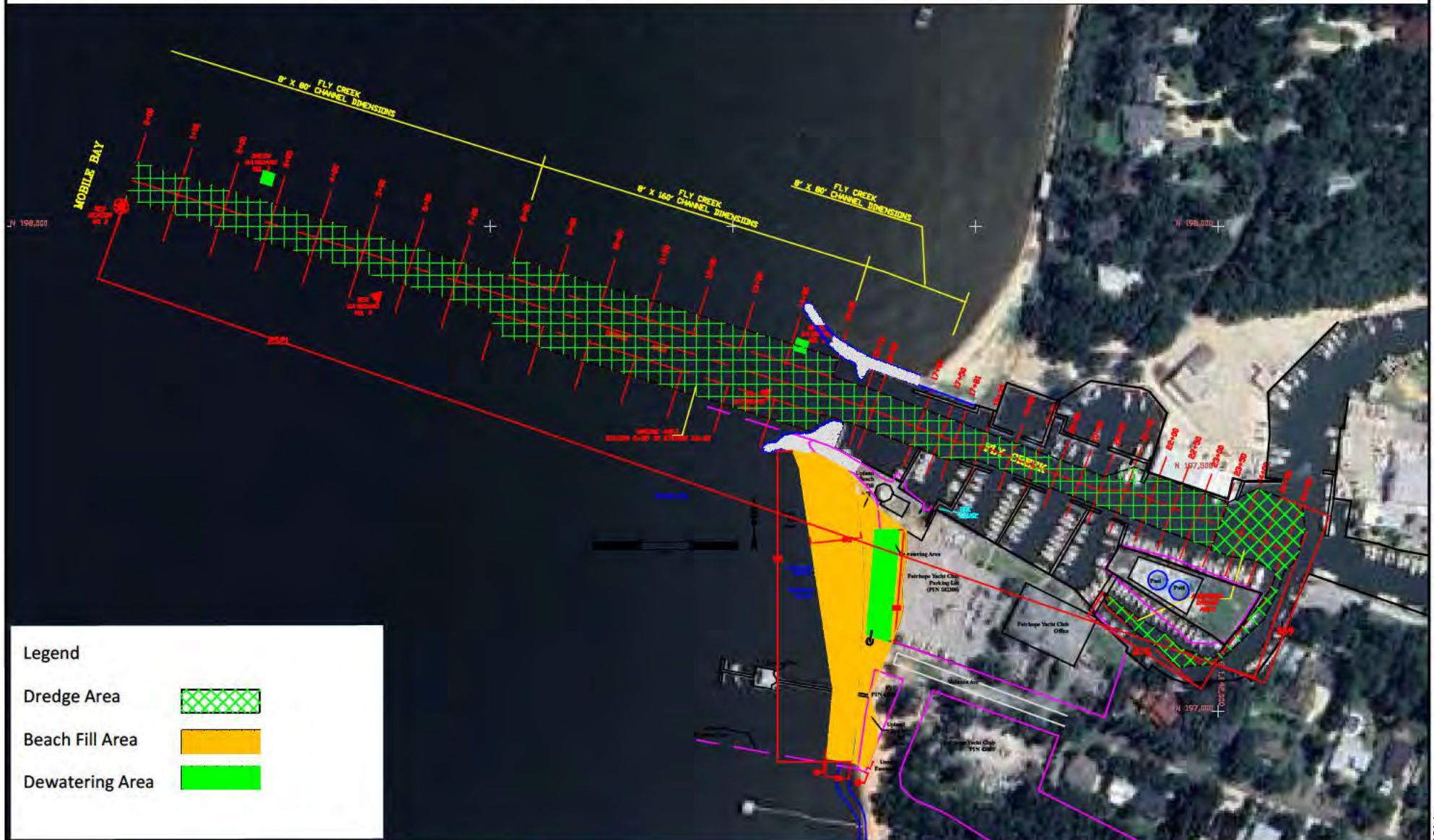
Department of the Army // SAM-2017-00647-APS

T-6-S, R-2-E, Sect. 37
Fairhope, AL

N



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.

Department of the Army // SAM-2017-00647-APS

FYC OVERALL PLAN



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

PREPARED FOR
Fairhope Yacht Club
Volanta Street
Fairhope, AL

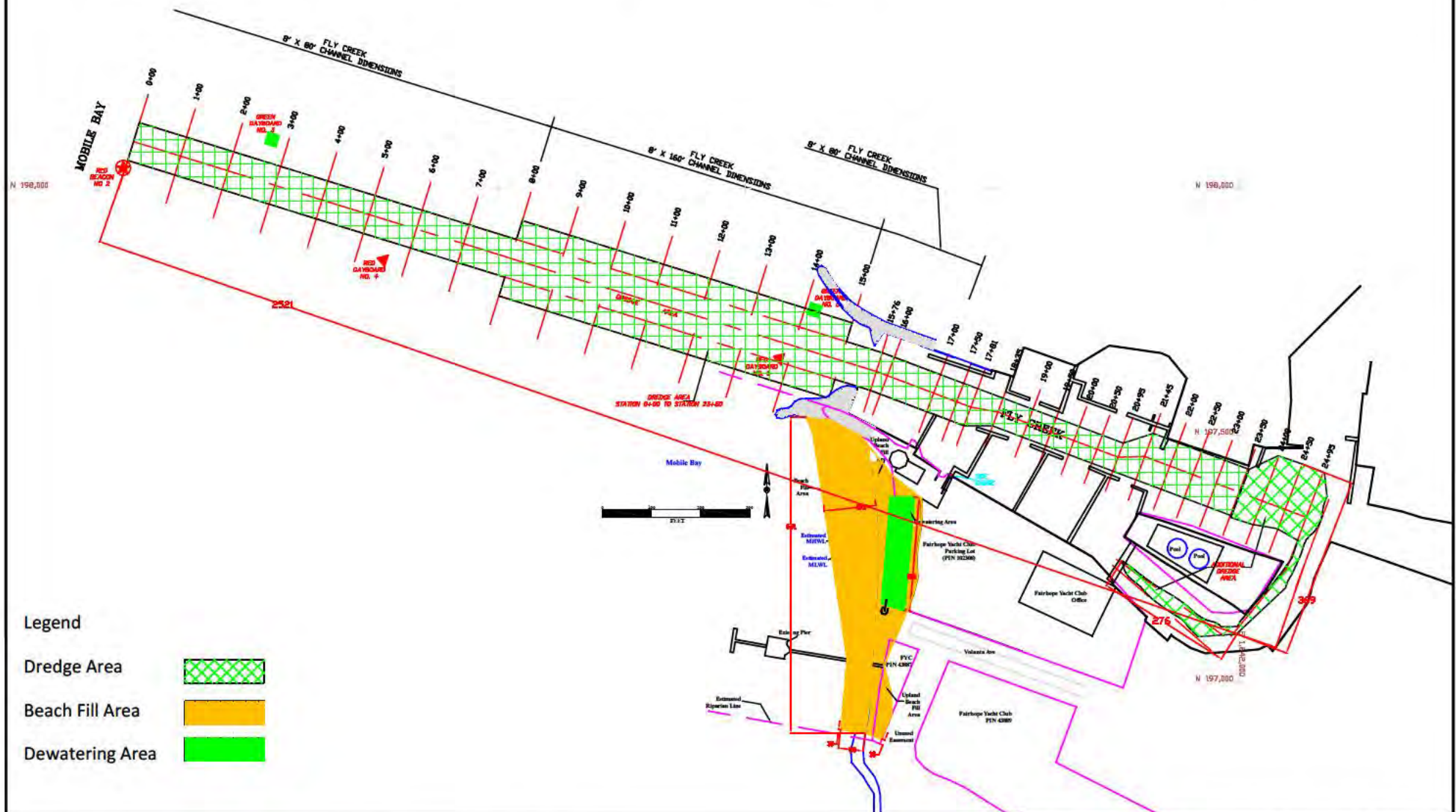
DESIGNED BY L. Cassidy
CHECKED BY L. York

DATE OF LAST REVISION	5/9/24
SCALE	AS STATED

DWG	FYC Shoreline Plan
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SHEET 4

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Legend

Dredge Area



Beach Fill Area



Dewatering Area



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Department of the Army // SAM-2017-00647-APS

FYC OVERALL PLAN



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

PREPARED FOR
Fairhope Yacht Club
Volunteer Street
Fairhope, AL

DRAWN BY
L. Connolly
DATE OF LAST REVISION
5/9/24
CHECKED BY
L. Yarnall

DATE OF LAST REVISION
5/9/24
SCALE
AS STATED

DATE OF LAST REVISION
5/9/24
SCALE
AS STATED
SHEET 4

N 198,500
E 1,839,500

E 1,840,000

E 1,840,500

E 1,841,000

E 1,841,500

N 198,500
E 1,842,000

N 198,000

N 197,500

E 1,839,500
N 197,000

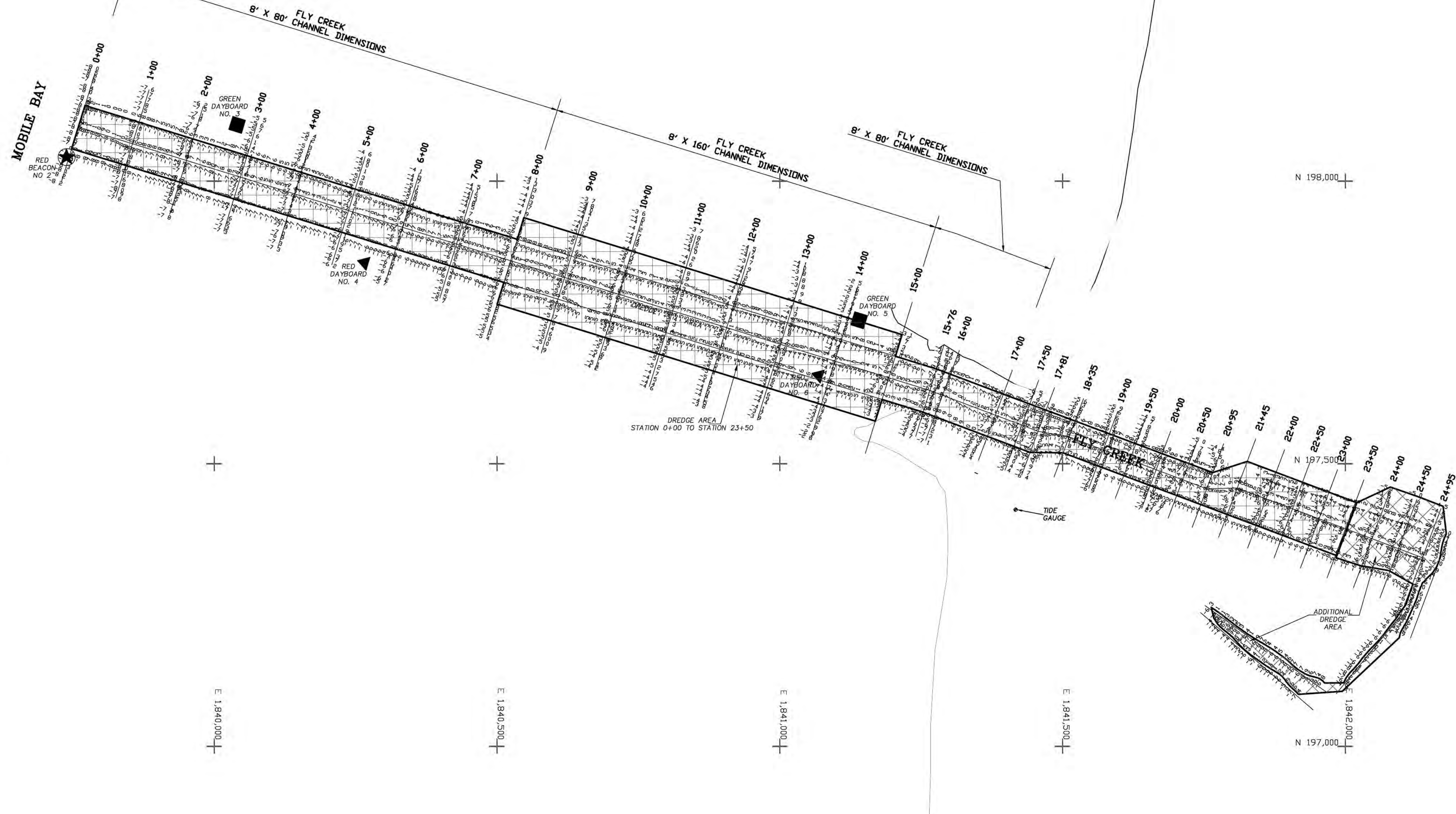
E 1,840,000

E 1,840,500

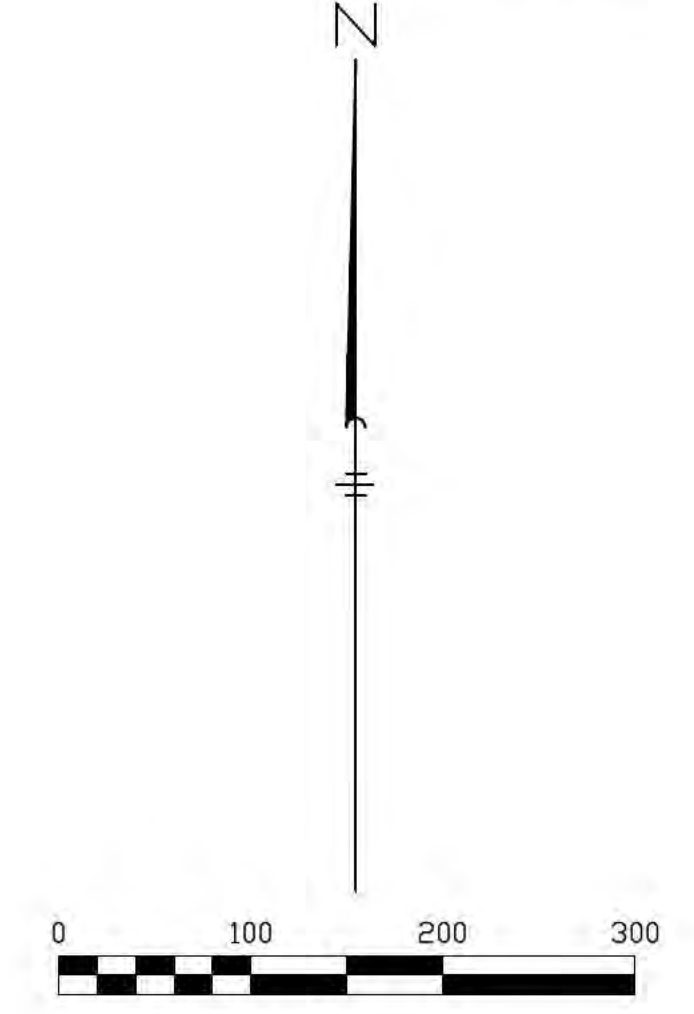
E 1,841,000

E 1,841,500

N 197,500
E 1,842,000



VICINITY MAP



- NOTES:
- 1.) This survey was accomplished utilizing an automated sounding system. The decimal point in the sounding also represents the location the sounding was acquired. All soundings shown without a "+" sign are depths below zero M.L.L.W. datum. All soundings that appear with a "+" sign are elevations above zero M.L.L.W. datum.
 - 2.) Vertical control: Corps of Engineers staff gauge, See plat for location. Mean Lower Low Water (M.L.L.W.) Datum.
 - 3.) Horizontal control: Horizontal coordinates on this plat are referenced to Alabama State Plane Coordinate System West Zone (0102), established by RTK.
 - 4.) Field work was performed on: February 06, 2024.
 - 5.) Surveyed by: Clifford Lowery
 - 6.) Survey vessel: Hudson
 - 7.) Water surface readings during the course of the survey were +0.0 @ 10:44 and +0.9 @ 13:47
 - 8.) Soundings were acquired with HYPACK 2022 Software and a Teledyne Odom Echotrac CV-100-DF sounder with a 200 KHz transducer.
 - 9.) Background imagery: If shown is imported through carlsons 2020 software, utilizing esri arcgis services.

I hereby state that all parts of this survey and drawing have been completed in accordance with the current requirements of the Standards of Practice for Surveying in the State of Alabama to the best of my knowledge, information, and belief.

LEGEND

- | | |
|--|--|
| GLDB ■ GREEN LIGHTED DAYBOARD | RLDB ▲ RED LIGHTED DAYBOARD |
| GDB ■ GREEN DAYBOARD | RDB ▲ RED DAYBOARD |
| GPCDB ■ GREEN PREFERRED CHANNEL DAYBOARD | RPCDB ▲ RED PREFERRED CHANNEL DAYBOARD |
| GCDB ■ GREEN CROSSING DAYBOARD | RDCDB ▲ RED CROSSING DAYBOARD |
| GC ■ GREEN CAN | ■ RED NUN |
| GLB ▲ GREEN LIGHTED BUOY | ▲ RED LIGHTED BUOY |
| SA ■ SWIM AREA | ● BEACON |
| R ■ ROCK | 20.5 SOUNDINGS |
| SNW ■ SLOW NO WAKE | ▨ DREDGE AREA |

- VOLUMES:
- 1.) THERE IS 17,708.3 CUBIC YARDS AVAILABLE TO DREDGE DEPTH OF 8 FT. MEAN LOWER LOW WATER DATUM FROM STATION 0+00 TO STATION 23+50.
 - 2.) THERE IS 2,944.5 CUBIC YARDS AVAILABLE TO DREDGE DEPTH OF 8 FT. MEAN LOWER LOW WATER DATUM IN THE ADDITIONAL DREDGE AREA.
 - 3.) THERE IS 15,039.5 CUBIC YARDS AVAILABLE IN THE ALLOWABLE DREDGE OVER DEPTH OF 2 FT. MEAN LOWER LOW WATER DATUM FROM STATION 0+00 TO STATION 15+00.

Department of the Army // SAM-2017-00647-APS

Survey Date: **FEBRUARY 08, 2024**

Cecil T. Hudson, PLS
Alabama Licensed Professional Land Surveyor No. 29983-S
Prints not valid unless they bear an original seal

REVISIONS:	
1	2/8/24 TO ADD VOLUMES AND CROSS SECTIONS

HYDROGRAPHIC CONDITION SURVEY OF
FAIRHOPE YACHT CLUB
FAIRHOPE, ALABAMA

PREPARED FOR
FAIRHOPE YACHT CLUB

ROW
ENGINEERING & SURVEYING
CONSULTING ENGINEERS

3502 LAUGHLIN DR. • SUITE B • MOBILE, AL 36693
PHONE 251-666-2766 • FAX 251-660-1040
AL CA-1054-LS • AL CA-4546-S • MS CA-36156 • FL LP-8399

ACAD: 52891 Rev.1.Dwg
DRAWN BY: WJM
CHECKED BY: CTH

JOB: 52891
FB: 2082/58
KEY:

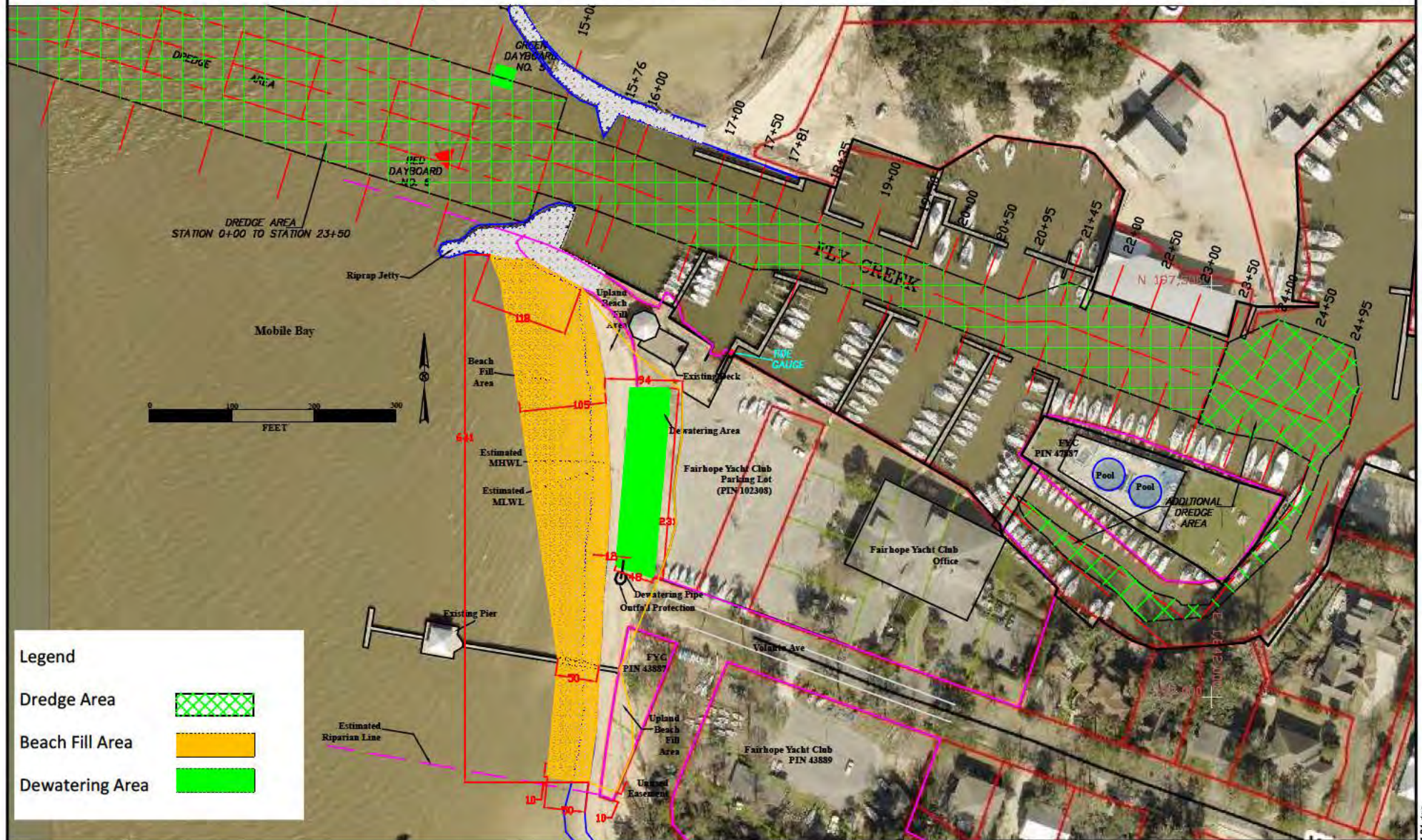
PLAT DATE:
FEBRUARY 08, 2024

SCALE:
1" = 100'

SHEET NO.
1 OF 1

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ROW ENGINEERING & SURVEYING

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.

Dredge Volume = 35,692 cu yd
 Beach Fill Area (below MHWL) = 50,200 sq ft
 Beach Volume (below MHWL) = 26,030 cu yd
 Beach Fill Area (above MHWL) = 19,190 sq ft
 Beach Fill Volume (above MHWL) = 9,662 cu yd

Department of the Army // SAM-2017-00647-APS

FYC Shoreline Plan

EcoSolutions
 ENVIRONMENTAL, MEDIATION, MANAGEMENT & PLANNING

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

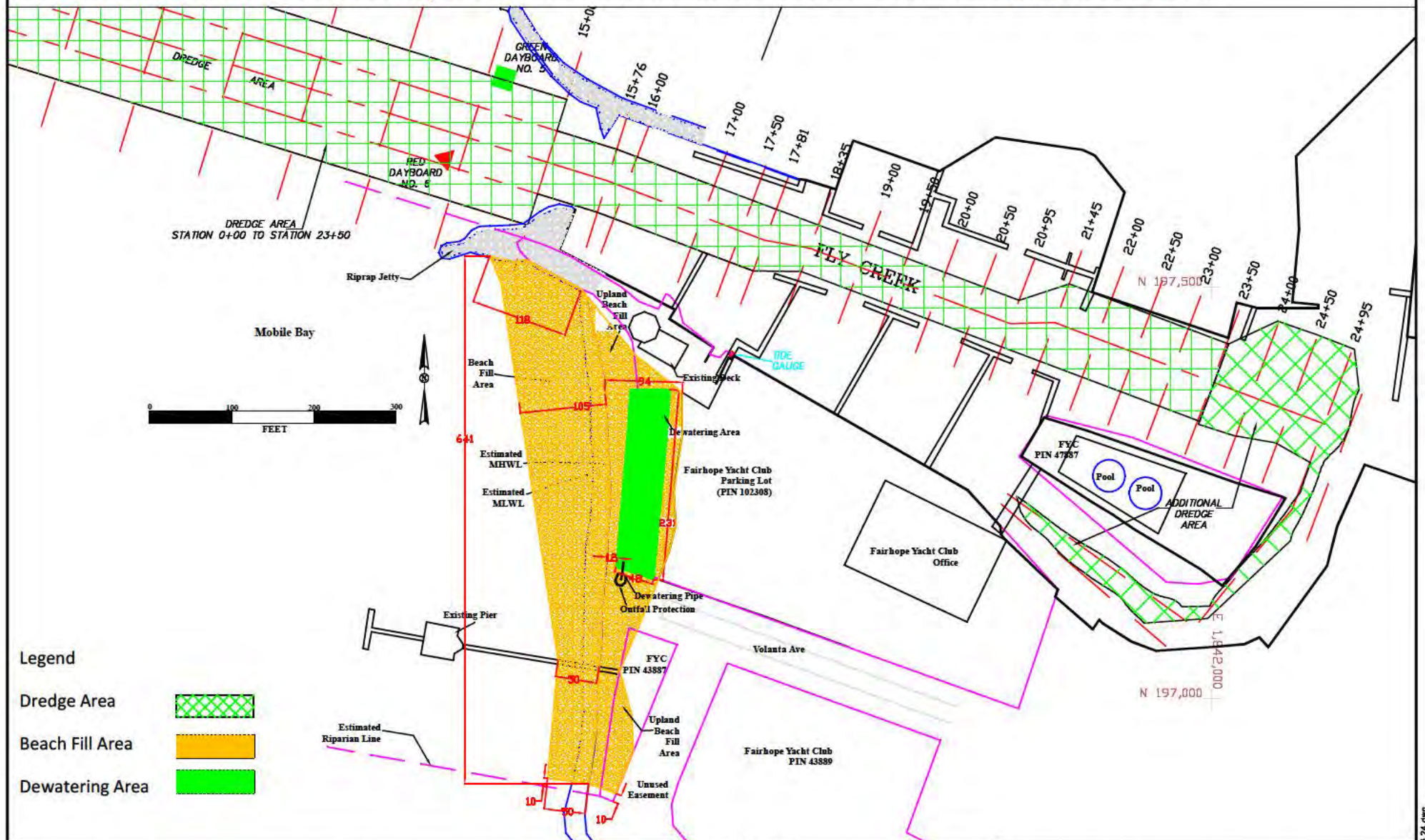
PREPARED FOR
 Fairhope Yacht Club
 Volanta Street
 Fairhope, AL

DRAWN BY
 L. Combs
 CHECKED BY
 L. Yokel

DATE OF LAST REVISION
 5/9/24
 SCALE AS STATED

DWG
 FYC Shoreline Plan
 SHEET 4

FOR PERMITTING ONLY, NOT TO BE RELIED ON FOR CONSTRUCTION



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Department of the Army // SAM-2017-00647-APS

FYC Shoreline Plan



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

PREPARED FOR
Fairhope Yacht Club
Volanta Street
Fairhope, AL

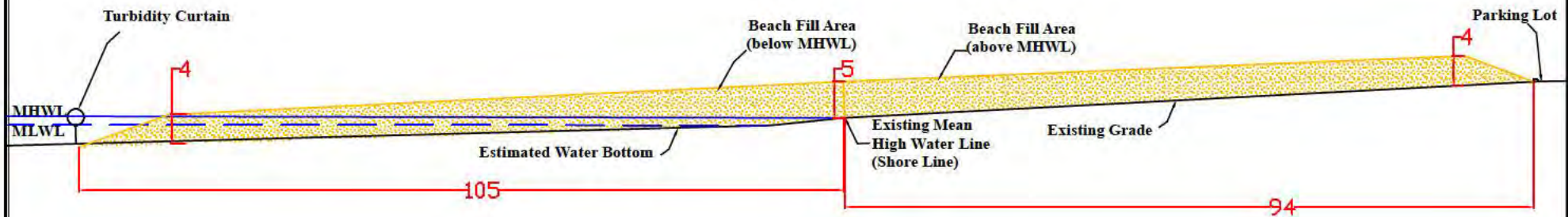
	DRAWN BY L. Considey
	CHECKED BY J. Yoka

DATE OF LAST REVISION	5/9/24
NAME AS STATED	

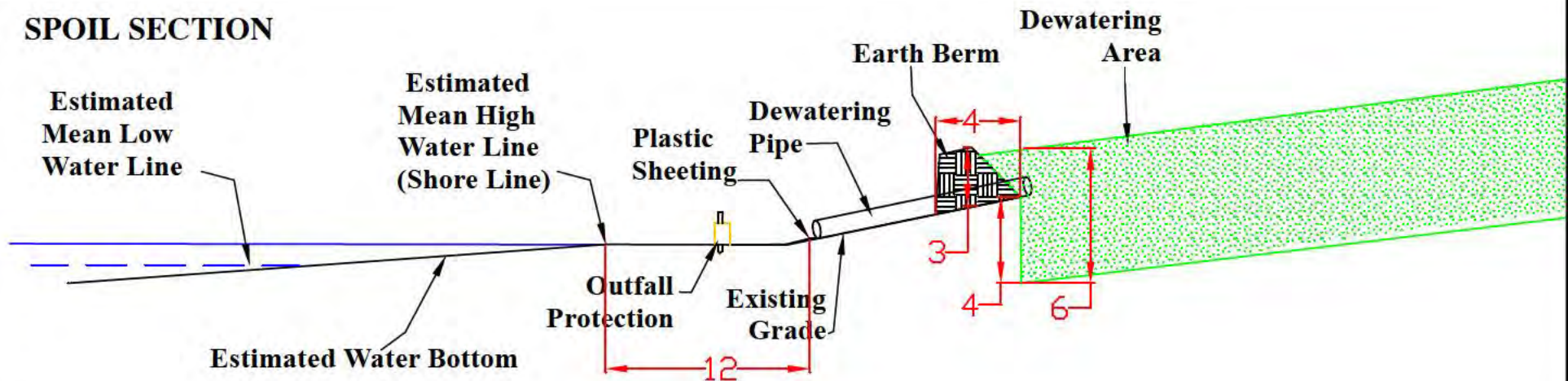
000	FYC Shoreline Plan
	SHEET 4

FOR PERMITTING ONLY, NOT TO BE RELIED ON FOR CONSTRUCTION

SHORELINE SECTION



SPOIL SECTION



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Beach Volume (below MHWL) = 26,030 cu yd

Beach Fill Area (above MHWL) = 19,190 sq ft

Beach Fill Volume (above MHWL) = 9,662 cu yd

Department of the Army // SAM-2017-00647-APS

FYC SHORELINE SECTION

EcoSolutions
ENVIRONMENTAL RESTORATION, MANAGEMENT & PLANNING

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

PREPARED FOR
Fairhope Yacht Club
Volunteer Street
Fairhope, AL

DRAWN BY
L. Cassidy
CHECKED BY
L. Yekel

DATE OF LAST REVISION
5/9/24
SCALE: AS STATED

PROJECT
FYC Shoreline Plan

SHEET 4