

STATE OF ALABAMA) (
 :
COUNTY OF BALDWIN) (
 :

The City Council met in a Work Session at 4:30 p.m.,
Fairhope Municipal Complex Council Chamber,
161 North Section Street, Fairhope, Alabama 36532,
on Thursday, 15 February 2018.

Present were Council President Jack Burrell, Councilmembers: Jay Robinson,
Jimmy Conyers, Robert Brown, and Kevin Boone, Mayor Karin Wilson, City
Attorney Marcus E. McDowell, and City Clerk Lisa A. Hanks.

Council President Burrell called the meeting to order at 4:34 p.m.

The following topics were discussed:

- The first item on the agenda was the discussion of Fairhope Docks-Slip and Marina Basin Dredging by Public Works Director Richard Johnson and Marina Manager Drew Craze. Mr. Johnson explained the attached handout regarding Dredging of Slips and Basins at Fairhope Docks. He was requesting to prepare and send out an RFQ for permitting, bid specifications, and scope of work; and this would take at least a year to complete. Mr. Johnson said the Fairhope Yacht Club is in the process for a permit; and the permit will be good for five years and renewable.

Councilmember Conyers commented he was good with doing 5,000 plus cubic yards. Councilmember Boone questioned the spoils and payment. He suggested taking samples first and determine if the soil is good or bad.

Ellis Ollinger, Chair of the Fairhope Yacht Club Board of Directors, addressed the City Council regarding the dredging. He said the Yacht Club would like to cost share the channel dredging; and asked the City Council to consider helping with the channel.

Council President Burrell requested the soundings from Tom Hutchens with Eco Solutions who is helping the Yacht Club. The extension of the jetties was questioned and possibly be put in the scope of work. He said the RFQ should be extended; and commented he would like to partner with the Yacht Club. Mayor Wilson suggested partnering with Fly Creek Marina too.

- The Discussion for Transmission Upgrades for the Wastewater Department by Operations Director Richard Peterson and mentioned an RFQ for the three outfalls. The most critical being Church Street; and Fairwood and Fairhope Avenue.

Mr. Peterson suggested revenue enhancements and bonds for financing with a three-year spending plan. He said we would do rehabilitation projects first. Mr. Peterson stated that the rate increase for the Utilities was an average of 4-1/2 percent with a cap on each increase. Council President Burrell replied that he and Councilmember Brown were working on rates at this time. Councilmember Boone stated we need to begin working on this right now. Mayor Wilson said in September she said we could find the money for the projects.

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- Mr. Peterson also discussed City of Fairhope Infrastructure and handed out photos of manholes and one where someone had placed a rock under it. Council President Burrell asked Mr. Peterson to get ordinance prepared for fines of not cleaning out drainage on private property and clean outs.


The need to hire two people to help with correct these issues was mentioned by Mr. Peterson. An engineering staff was also mentioned by Mr. Peterson and Mayor Wilson. Councilmember Conyers questioned the timeframe for the total project. Mr. Peterson replied three years hopefully, but needs to know funds are available to begin projects. Council President Burrell responded if we can pay off debt over six years; we could pay for these improvement projects instead of debt.

Mr. Peterson brought up background checks and questioned if there was a way to make less strict. Chief Petties stated since 9/11 we have been working with the Department of Homeland Security. These policies were set by them and we are following these. Chief Petties commented felons have been found through the background checks and have not been hired. Chief Petties suggested Mr. Peterson meet with him regarding background checks.

- Councilmember Boone mentioned the Harbor Board meeting and stated the presentation by Lynn Maser and Drew Craze was very nice.
- Councilmember Brown mentioned the Financial Advisory Committee working on the Police Jurisdiction; and the Pedestrian and Bicycle Committee working on Complete Streets and announced there will be bike valet parking for Fairhope Arts and Crafts Festival. He said the Education Advisory Committee was working on the Special Tax District.
- Councilmember Conyers said the Historic Preservation Committee was working on a "White Sheet;" the Fairhope Environmental Advisory Board discussed Tatumville Subdivision and retention pond property; and he mentioned the Library Board has a budget of \$815,000.00 and gives back services of \$8.55 million.
- Public Works Director Richard Johnson addressed the City Council and mentioned the following items: Street paving project; update on pier repairs; and rearranging parking on Johnson Avenue and using publicity campaigns.
- Chief Ellis addressed the City Council and said the department had 109 calls in January. He said they have applied for a grant to update their air packs.
- Community Affairs Director Sherry-Lea Botop addressed the City Council and gave an update on grants. She handed out a spreadsheet for all grants which should the funding source and match by the City. Ms. Botop said the City received the Pump Out Grant for the marina; and mentioned the Technical Assistance Grant that is also helping with the marina. She also mentioned Hazard Mitigation Funding; and the Restore Act Grant.

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There being no further business to come before the City Council, the meeting was duly adjourned at 5:57 p.m.


Jack Burrell, Council President


Lisa A. Hanks, MMC
City Clerk

Dredging of Slips and Basins – Fairhope Docks
Summary of Findings – R.D. Johnson, PE

USACE Nationwide Permit #35

Verbiage - 35. Maintenance Dredging of Existing Basins. The removal of accumulated sediment for maintenance of existing marina basins, access channels to marinas or boat slips, and boat slips to previously authorized depths or controlling depths for ingress/egress, whichever is less. All dredged material must be deposited and retained in an area that has no waters of the United States unless otherwise specifically approved by the district engineer under separate authorization. Proper sediment controls must be used for the disposal site. (Authority: Section 10)

Notes:

1. Self-Certifying Permit – good for 5 years
2. Non-Reporting NWP
3. Must meet all General Conditions
4. No Preconstruction Notice
5. No Letter of Authorization
6. Controlling depths for ingress/egress – main channel Permit (Yacht Club) -8.0 feet below Mean Lower Low Water Level (MLLWL)
7. ACAMP Applies – see below

ACAMP -

The Alabama Coastal Area Management Program (ACAMP) was developed by the state of Alabama in accordance with the passage and codification of the 1976 Alabama Coastal Area Act (Act No. 534) in order to manage certain land and water activities within the Alabama Coastal Area (Coastal Area).

The ACAMP is implemented by two state agencies: the Alabama Department of Conservation & Natural Resources (ADCNR) and the Alabama Department of Environmental Management (ADEM). ADCNR is responsible for administration, planning, and public engagement functions, while ADEM is responsible for permitting, monitoring, and regulatory functions. Under its regulatory authority, the ADEM reviewed - for consistency with the ACAMP - each of the below referenced new, modified, and reissued NWPs which were advertised in the 06 January 2017 publication of the Federal Register.

The NWPs listed below have been determined by the ADEM, based on their scope or nature, not to have a significant impact on coastal resources when implemented in accordance with the specific conditions described herein and are therefore categorically certified to be consistent with the ACAMP - pursuant to ADEM Administrative Code 335-8- 1-.03(4).

ADEM U.S. Army Corps of Engineers 2017 Nationwide Permits (NWPs) Program –

Nationwide 35 - Maintenance Dredging of Existing Basins

- A. Dredged material shall be placed in an upland disposal area and properly contained to prevent reentering the waterway or wetlands unless specifically authorized by other approved permits or exemptions.
- B. The permittee shall obtain all appropriate authorizations required by the ADCNR-SLD prior to commencement of activities that would impact or be located over State-Owned Submerged Lands.

Dredging of Slips and Basins – Fairhope Docks
Summary of Findings – R.D. Johnson, PE

Spoils – What to do with the Material?

1. Dewater and Landfill
 - a. ADCNR may levy a charge per cubic yard – historically \$2.50/CY
 - b. City would either pay to haul or haul with PW equipment and forces
 - c. Material would be acceptable landfill cover
2. Seek a GENERAL PERMIT FOR MINOR STRUCTURES AND ACTIVITIES WITHIN THE STATE OF ALABAMA - U.S. ARMY CORPS OF ENGINEERS
 - a. Dredge spoils could be dewatered and deposited on the beach to build up the shoreline
 - b. ADCNR may levy a charge per cubic yard for relocation – historically \$1.25/CY
 - c. Material may be unsuitable for beach re-nourishment – silts, fines, clays and colored soils would not be allowed under a General 10
 - d. Must stay compliant with General 10 requirements below

ALG10-2011 - LIVING SHORELINES GENERAL PERMIT (Authority: Sections 10 and 404):

This general permit provides for the preservation and restoration of dunes, beaches, wetlands, submerged grassbeds, protection and propagation of essential fish habitat, shoreline restoration and nourishment. Due to the dynamic and variable nature of various shoreline types, to the maximum extent possible, shoreline stabilization shall be accomplished by the establishment of vegetation communities representative of the targeted habitat. Some situations may be inadequately stabilized using established vegetation, such that, additional amendments may not be warranted. Reef and/or breakwater construction, when used in conjunction with living shorelines principals or other means to encourage shoreline enhancement or restoration, shall incorporate construction design(s) to address natural sediment transport and promote low wave energy abatement and shall not create a navigational hazard. Structures should be limited in size but provide adequate protection needed in high energy environments without causing adverse impacts to surrounding properties or resources. In some cases, hydrologic studies may be required prior to permit issuance. This general permit does not authorize land reclamation activities.

Protection Location (ALG10): Protection locations for living shorelines may extend from the existing shoreline at MHW and extend water-ward. Authorizations for project locations, including reef construction, are dependent upon site conditions, project purpose and appropriate coordination and authorization from other jurisdictional agencies.

Protection fronting Wetlands and Sensitive Habitats (ALG10): No wetlands shall be filled, although protection may be provided for wetland areas as long as the wetlands are not otherwise adversely impacted. If the area or any portion to be protected is a wetland:

- No fill will be placed in wetland areas;
- The shore protection device must be designed to allow the normal hydrologic regime to be maintained in wetland areas; and
- If scarping has occurred due to scour or scalloping, fill discharges shall be limited to the minimum yardage necessary to achieve adjacent wetland elevation. Detached breakwaters should contain an appropriate number of gaps to ensure adequate tidal flushing and shoreline habitat access for marine and terrestrial organisms.

Dredging of Slips and Basins – Fairhope Docks
Summary of Findings – R.D. Johnson, PE

Types of Protection (ALG10):

- Oyster Shell and Oyster Shell Support Structures: Oyster shell quantity and placement shall be limited to the minimum amount necessary to achieve stabilization. Oyster shell shall be placed in a manner to prevent its migration to surrounding areas (i.e., bagged oyster shell, Hesco barriers, reef balls, and reef cradles) and should be placed on a stable substrate to avoid sinking. Reef profile should be high enough to avoid siltation of shells.
- Concrete: Cured concrete used in fabricated units specifically designed for artificial reefs or rubble razed from buildings, sidewalks, roadways and bridges may be used in reef construction provided it is clean of solid waste and other construction debris. “Green” or uncured concrete is not authorized as it may be toxic to some aquatic organisms.
- Natural Materials: Natural materials, including downed trees, root wads, limbs, brush, may be used in low velocity areas to provide short-term shoreline protection during marsh restoration and enhancement activities provided it is not placed in a way to cause adverse impacts to surrounding properties or resources. Chemically treated, processed lumber is not authorized for use in this application.
- Riprap: Only clean riprap material free of exposed rebar, asphalt, plastic, soil, etc., may be used. Riprap may be authorized to augment other protection methods. Note: If a channel is being protected by riprap, the backfill is limited to one (1) cubic yard per linear foot for each side. There is no limit to the linear feet of shoreline or bank that may be protected by installation of riprap. Use of appropriate filter fabric is required. Riprap materials, pervious interlocking brick systems, filter mats, and other similar stabilization methods should be utilized in lieu of vertical seawalls and bulkheads wherever feasible.
- Other: Other shoreline protection devices and reef construction materials shall be evaluated on a case-by-case basis prior to being authorized for use.

Submerged Grassbeds: Prior to permit issuance and/or placement of structures, project locations within areas with conditions which may support submerged grassbeds or areas where submerged grassbeds have historically been known to occupy may be subject to an submerged grassbeds survey. With the exception of rhizome cross-sectional surveys, submerged grassbed surveys must be conducted not earlier than the first of June or later than the end of September.

Invasive Species (ALG10): The shoreline shall be monitored for presence of invasive or undesirable species for the life of the project. These species shall be removed upon discovery and the area replanted with desired target community vegetation to discourage future re-infestation.

Coordination with ADCNR (ALG10): Authorization from the ADCNR is required for land reclamation activities. In some cases, ADCNR-State Lands Division may require a separate permit, riparian easement and/or fees for the proposed activity. Shoreline accretion resulting from permitted activities undertaken by use of the general permit may not result in a change in property boundaries. Project coordination with ADCNR is the permittee's responsibility.

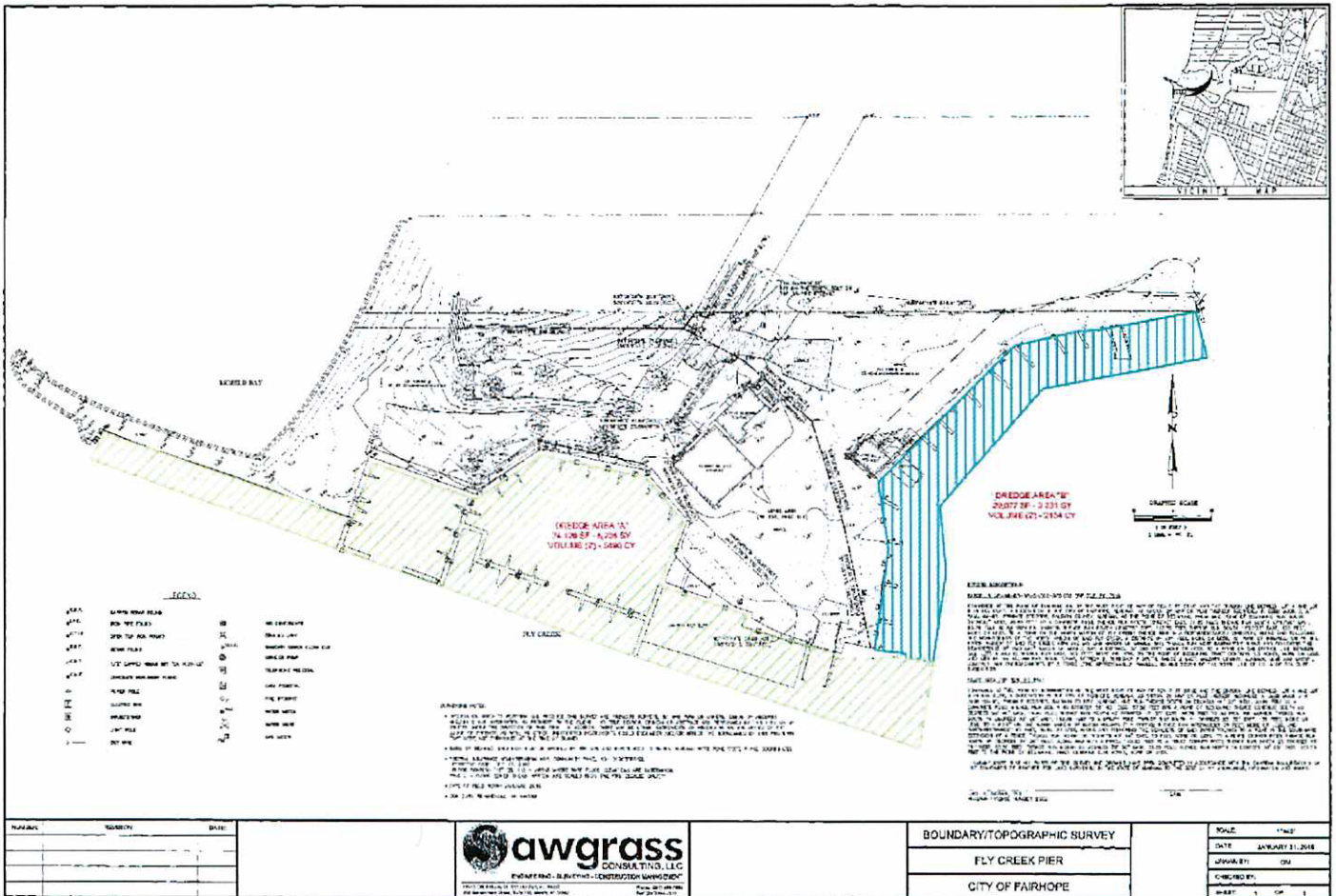
Coordination with SHPO (ALG10): Coordination with the Alabama Historical Commission is required to ensure no impacts will occur to historic entities or other items which may be of historic significance.

Dredging of Slips and Basins – Fairhope Docks Summary of Findings – R.D. Johnson, PE

Markers and Signage (ALG10): All constructed shorelines and reef complexes must display proper signage, markers and/or lighting to inform waterway users of their presence and in accordance with the United States Coast Guard.

Exclusions (ALG10): This permit does not authorize (1) placement of fill in wetlands; (2) ancillary structures such as wing walls, groins, jetties, or any solid structures roughly perpendicular to the shore or bank; (3) activities which result in land reclamation; (4) activities constructed for the purpose of land reclamation; (5) an activity which creates a hazard to navigation; and (6) loose or bagged oyster shell can only be used in areas classified as “Conditionally Approved” by the Alabama Department of Public Health.

Conceptual Dredge Areas:



Conclusions:

NWP 35 can be engineered “in house”. However, we would not have the availability to “quality soundings” and would be guessing as to actual spoil volumes. The General 10, is somewhat more complex, but could be engineered and permitted by staff. However, if these permitting and planning activities could be outsourced at a cost not to exceed \$5,000.00 it may be the best value for the City based on time and resources. If the spoil material is of poor quality, the General 10 and the deposition of spoils on the beach would be a wasted exercise in time and resources.



REPLY TO
ATTENTION OF:

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

CESAM-RD-A
PUBLIC NOTICE NO: SAM-2017-00647-APS

August 2, 2017

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

**MAINTENANCE DREDGING FOR NAVIGATION AND PLACEMENT OF FILL MATERIAL
ON THE WATERBOTTOMS OF EAST MOBILE BAY IN CONJUNCTION WITH A LIVING
SHORELINE (BEACH RENOURISHMENT) PROJECT**

TO WHOM IT MAY CONCERN:

This District has received an application for a Department of the Army permit pursuant to Section 10 of the River and Harbor Act of 1899 (33 USC 403), and Section 404 of the Clean Water Act (33 USC 1344). Please communicate this information to interested parties.

**APPLICANT: Fairhope Yacht Club
Attention: Mr. Ellis Ollinger
Post Office Box 1327
Fairhope, Alabama 36533**

**AGENT: EcoSolutions, Incorporated
Attention: Mr. Tom Hutchings
Post Office Box 361
Montrose, Alabama 36559**

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

PROJECT PURPOSE: This 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 construct a living shoreline utilizing a sand fill/beach renourishment concept to decrease beach erosion, increase property value and tax revenue.

PROPOSED WORK: Overall Project Dredging Description: The applicant proposes to dredge approximately 18,484 cubic yards of sand and silt from a 176,000-square-foot (4.04 acre) area utilizing hydraulic dredging methods. An 80-foot wide by 800-foot long channel segment (Stations 0+00 to 8+00) and a 160-foot wide by 700-foot long segment of the channel (Stations 8+00 to 15+00) are proposed to be dredged from the mouth of Fly Creek in a westerly direction into Mobile Bay. This channel has historically been included as a part of a federal dredging project for Mobile Bay. The proposed project would be completed in several phases as funds become available. This evaluation includes only Phase 1 of the proposed overall project. At this time, any additional phases are speculative and therefore, cannot be addressed in this notice.

Maintenance Dredging (Phase 1): The first phase of the project would include the maintenance dredging of Stations 15+00 to 12+00 (300 linear feet of channel). This portion of the channel is nearest the mouth of Fly Creek. The volume of dredged material proposed to be removed during the first phase is 5,051 cubic yards. This material would be removed from a 48,000-square-foot (1.10 acre) area to achieve a depth of 9 feet below Mean High Water (MHW) [8 feet below Mean Low Water (MLW)]. The spoil material would eventually be utilized as fill material for the living shoreline portion of the project.

Dewatering (Phase 1): Prior to utilization of the material for the living shoreline, the spoil material would be placed in a 255-foot long by 40-foot wide (10,200 square feet or 0.23 acre) dewatering area located parallel to the shoreline in an upland area 5 feet landward of the MHW line. The material would be contained in the dewatering area by an earthen berm that would be 3-foot-tall and 10 feet wide at the toe. The area would be excavated to a depth of 4 feet below the current ground surface elevation to achieve a total depth of 7 feet. Material excavated to achieve the 7-foot depth would be utilized to construct the berm surrounding the dewatering area. Plastic sheeting would be placed under the outfall of the dewatering pipe to prevent erosion that may be induced by the release of outfall water. It is anticipated that the dewatering area would be filled and emptied approximately 4 times during the first phase of the project. The dewatered sand and silt would be mechanically moved from the dewatering area to the living shoreline area.

Living Shoreline (Phase 1): Phase 1 of the living shoreline project would be located along the existing shoreline south of the southern jetty lining the Fly Creek channel confluence with Mobile Bay. The Phase 1 living shoreline area is proposed to be 350 feet long, extend 60 to 100 feet waterward of the natural MHW line. It would cover a total of 28,400 square feet (0.65 acre), but only 24,050 square feet (0.55 acre) of the 28,400 square feet would be below the MHW line. All of the 5,051 cubic yards of dredged material from the first phase of dredging is proposed to be utilized for the Phase 1 Living Shoreline project after dewatering with 3,144 cubic yards placed below MHW. No soft (e.g. vegetation) or hard structures (e.g. headland breakwaters, offshore breakwaters, low profile sills, riprap, etc.) are proposed to contain the dredged fill material proposed to be placed for the living shoreline project. Turbidity curtains would be utilized while actively placing the material.

All work is proposed to be conducted in accordance with the enclosed plans and drawings.

ALTERNATIVES ANALYSIS: The applicant has not yet identified alternatives considered when determining the proposed design. The U.S. Army Corps of Engineers (USACE), Mobile District, has not verified the adequacy of the applicant's alternatives analysis at this time.

AVOIDANCE AND MINIMIZATION: The applicant has not yet identified measures they have taken to avoid and/or minimize impacts of their proposed activities. The USACE, Mobile District, has not verified the adequacy of the applicant's avoidance and minimization efforts at this time.

COASTAL ZONE MANAGEMENT AREA CONSISTENCY: The applicant has applied for a consistency determination/certification from the State of Alabama in accordance with the State's Coastal Area Management Program, and upon completion of the required advertising by the State, a consistency determination would be made by the Alabama Department of Environmental Management (ADEM).

WATER QUALITY: The applicant has applied for a certification from the State of Alabama in accordance with Section 404(a)(1) of the Clean Water Act. Upon completion of the required advertising by the State, a water quality certification determination would be made by the ADEM.

HISTORIC PROPERTIES/CULTURAL RESOURCES: In accordance with Section 106 of the National Historic Preservation Act and Appendix C of 33 CFR 325, the undertaking defined in this notice is being considered for the potential to affect cultural and historic properties within the permit area. Although the extent of federal control and responsibility for these considerations are confined to the limits of the permit area for this particular project, the potential indirect effects that may occur to historic properties as a result of the this undertaking are also being considered. It has been determined by USACE that there is no potential to affect cultural resources or historic properties within the maintenance dredging area and the dewatering site area. However, we are seeking comments from the State Historic Preservation Officer (the Alabama Historical Commission), Federally-recognized American Indian tribes, local historical societies, museums, universities, the U.S. Department of the Interior, National Park Service, Division of Archeological Services and concerned citizens regarding the existence or the potential for existence of significant cultural and historic properties within the living shorelines permit area only. The USACE, Mobile District, has not yet made a determination of potential effects that the project would have on cultural or historic resources within the living shorelines permit area.

THREATENED AND ENDANGERED SPECIES: The following species, listed by the U.S. Fish and Wildlife Service (USFWS) as being either threatened or endangered, are found within Baldwin County, and may be located within the Bon Secour Bay (HUC 031602050300) and Fly Creek (HUC 031602050205) watersheds, in which the project is located: Florida manatee (*Trichechus manatus*) (T), wood stork (*Mycteria americana*) (E),

green sea turtle (*Chelonia mydas*) (T), Kemp's Ridley sea turtle (*Lepidochelys kempii*) (E), loggerhead sea turtle (*Caretta caretta*) (T), Alabama red-bellied turtle (*Pseudemys alabamensis*) (E), eastern indigo snake (*Drymarchon couperi*) (T), and the gulf sturgeon (*Acipenser oxyrinchus desotoi*) (T).

The permit area for this project does not intersect with any designated critical habitat areas. Preliminary review of this application and the U.S. Department of the Interior's List of Endangered and Threatened Wildlife and Plants indicate that the proposed activity would have no effect on the wood stork (*Mycteria americana*), Alabama red-bellied turtle (*Pseudemys alabamensis*), or eastern indigo snake (*Drymarchon couperi*). It has also been preliminarily determined that the activities proposed may affect, but are not likely to adversely affect the Florida manatee (*Trichechus manatus*), green sea turtle (*Chelonia mydas*), Kemp's Ridley sea turtle (*Lepidochelys kempii*), loggerhead sea turtle (*Caretta caretta*), and the gulf sturgeon (*Acipenser oxyrinchus desotoi*). This determination is being coordinated with the USFWS via this Public Notice.

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 potentially impact approximately 1.65 acre of water bottoms utilized by various life stages of various marine species. The EFH habitat considered consists of the estuarine water column and substrate. There are no highly productive EFH complexes such as subaquatic vegetation, submersed grassbeds, or emergent wetlands within the review area. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries. 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, USFWS.

MITIGATION: No mitigation is proposed for this project.

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, Mobile District, can be based. The USACE is soliciting comments from the public; from Federal, State, and local agencies and officials; from American Indian Tribes; and from other interested parties in order to consider and evaluate the impacts of this proposed activity. 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.

Any comments received would 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 above. 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.

The decision whether to issue a permit would be based on an evaluation of the probable impact, including cumulative impacts, of the proposed activity on the public interest.

That decision would 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 would be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural resources and historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, and in general, the needs and welfare of the people.

Correspondence concerning this Public Notice should refer to Public Notice Number **SAM-2017-00647-APS** and should be directed to the District Engineer, U.S. Army Engineer District, Attention: Regulatory Division, Post Office Box 2288, Mobile, Alabama 36628-0001, with a copy to the ADEM, Coastal Section, 3664 Dauphin Street, Suite B, Mobile, Alabama 36608.

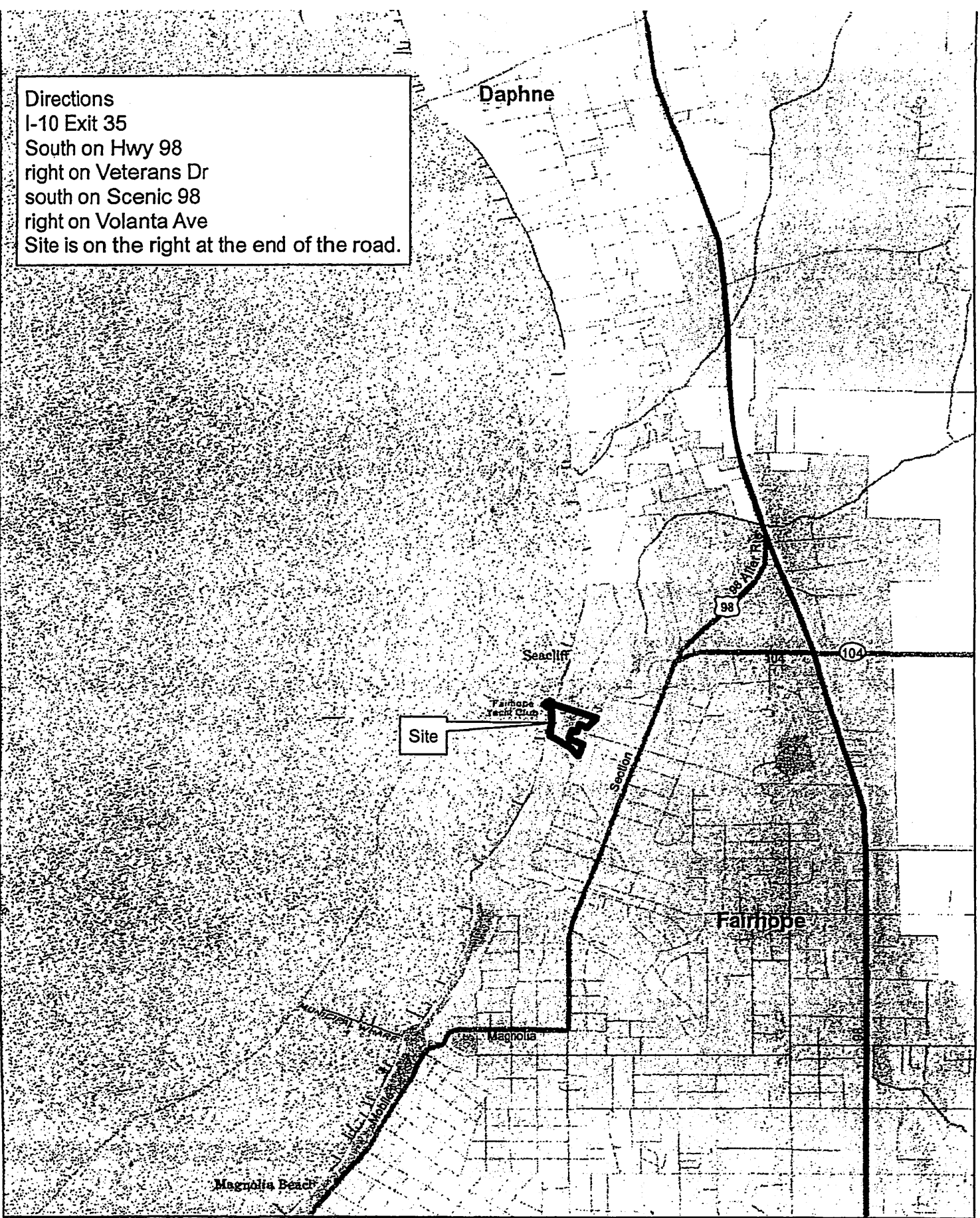
All comments should be received no later than 30 days from the date of this Public Notice. If you have any questions concerning this publication, you may contact the project manager, **Ms. Amiee P. Smith** at **(251) 694-3779** or via e-mail at **Amiee.P.Smith@usace.army.mil**. Please refer to the above Public Notice Number.

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

Enclosures

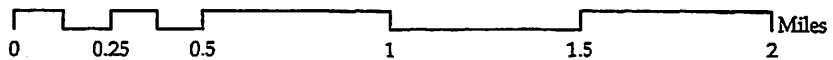
Directions
 I-10 Exit 35
 South on Hwy 98
 right on Veterans Dr
 south on Scenic 98
 right on Volanta Ave
 Site is on the right at the end of the road.



Project: Fairhope Yacht Club
 Applicant: Fairhope Yacht Club

T-6-S, R-2-E, Sect. 17
 Fairhope, AL

1 inch = 0.5 miles



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



Seacliff

Fairhope
Yacht Club

Site



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

Project: Fairhope Yacht Club
Applicant: Fairhope Yacht Club

1 inch = 500 feet



T-6-S, R-2-E, Sect. 17
Fairhope, AL
Topo: Daphne, AL



2016 Google Aerial

016

Fly Creek

Mobile Bay

Fairhope Yacht Club

281 ft

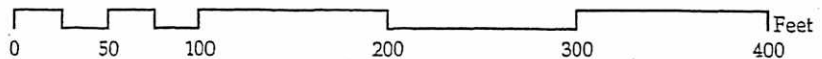
Imagery Data



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

Project: Fairhope Yacht Club
Applicant: Fairhope Yacht Club

1 inch = 100 feet



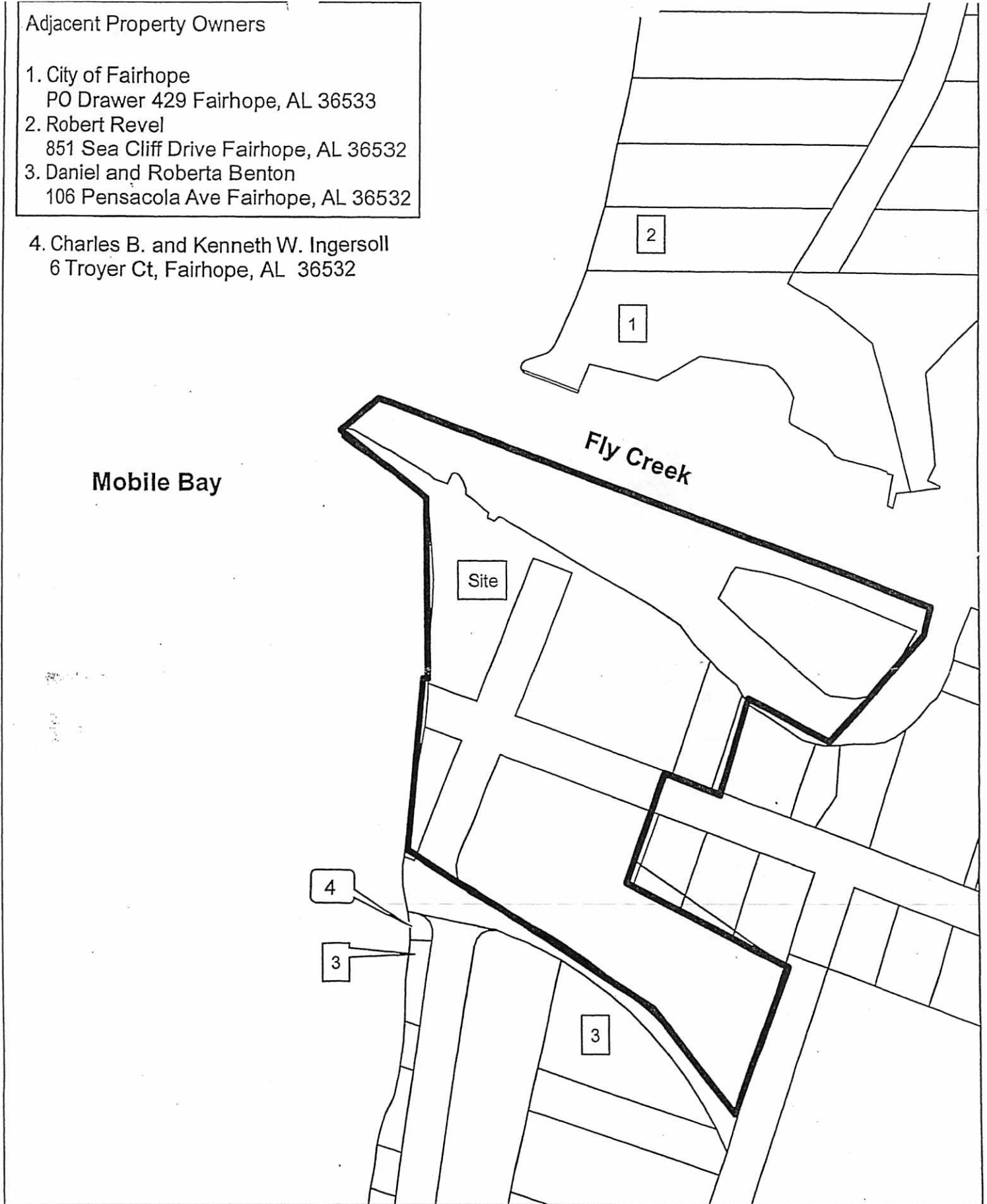
T-6-S, R-2-E, Sect. 17
Fairhope, AL
Topo: Daphne, AL



Adjacent Property Owners

1. City of Fairhope
PO Drawer 429 Fairhope, AL 36533
2. Robert Revel
851 Sea Cliff Drive Fairhope, AL 36532
3. Daniel and Roberta Benton
106 Pensacola Ave Fairhope, AL 36532

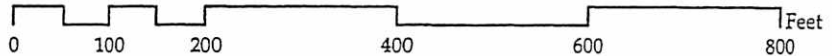
4. Charles B. and Kenneth W. Ingersoll
6 Troyer Ct, Fairhope, AL 36532



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

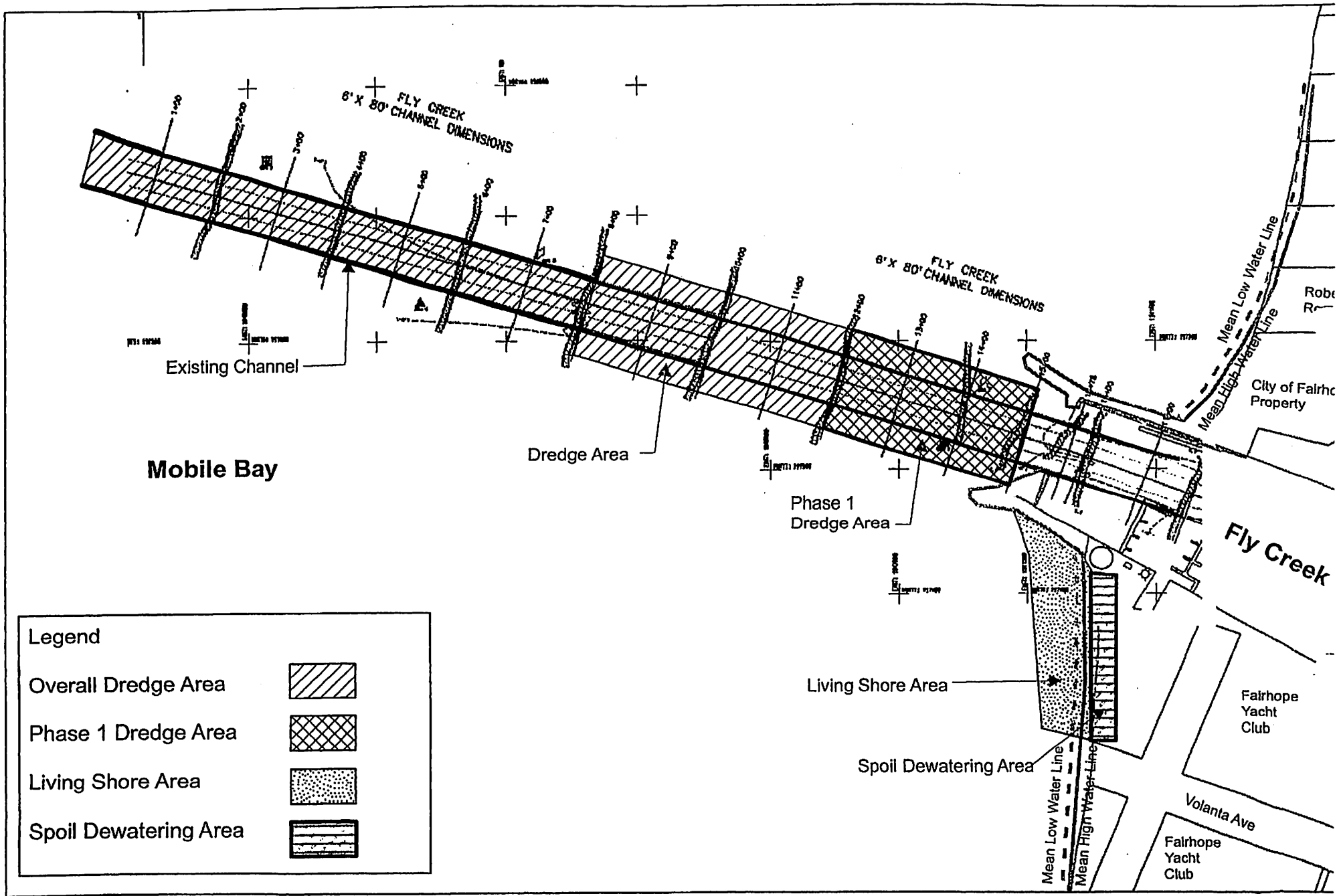
Project: Fairhope Yacht Club
Applicant: Fairhope Yacht Club

1 inch = 200 feet



T-6-S, R-2-E, Sect. 17
Fairhope, AL





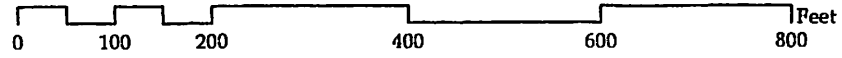
Legend

- Overall Dredge Area
- Phase 1 Dredge Area
- Living Shore Area
- Spoil Dewatering Area

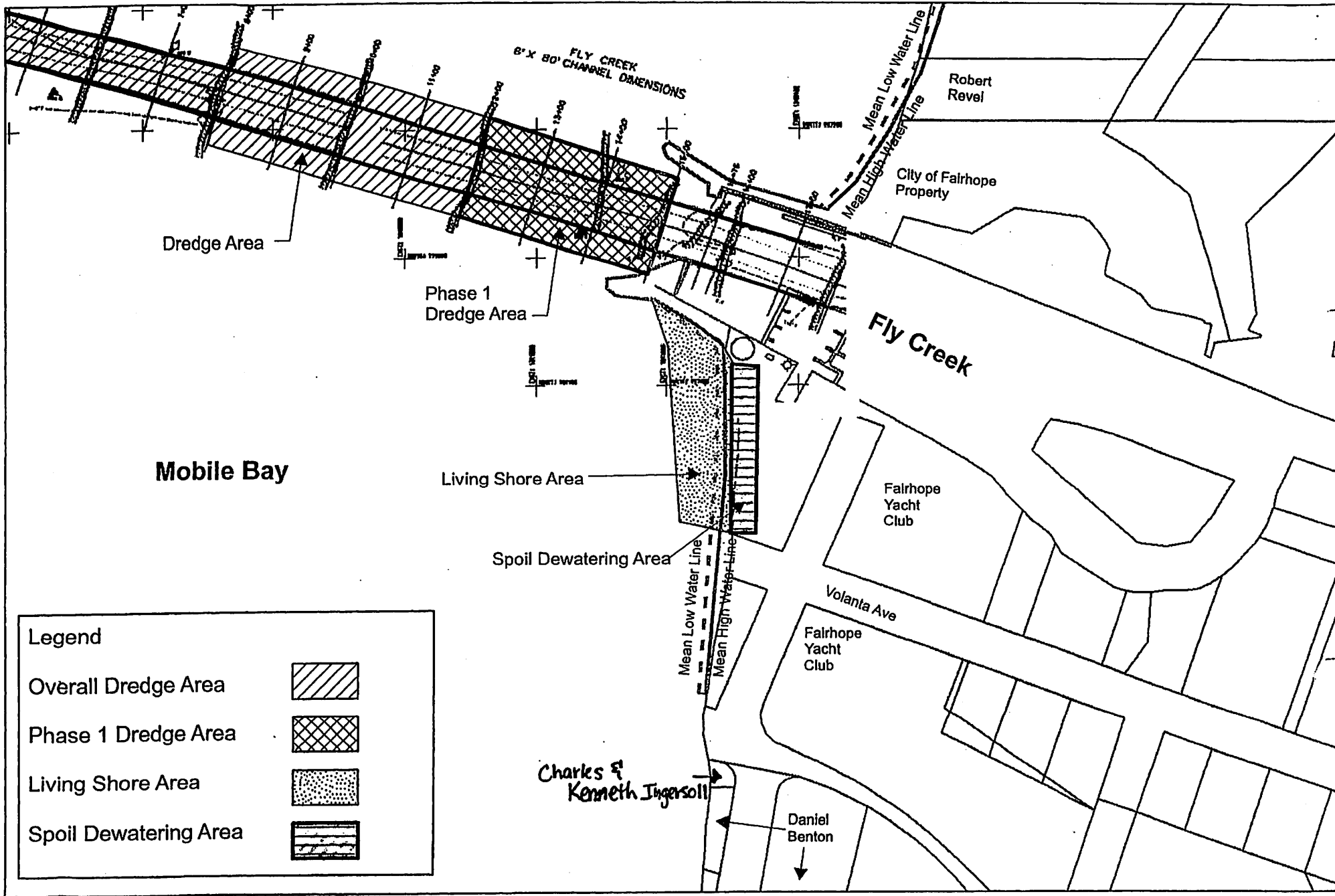
Fly Creek Channel
Fairhope Yacht Club
Overall Plan View

1 inch = 200 feet

T-6-S, R-2-E, Sect. 17
Fairhope, AL



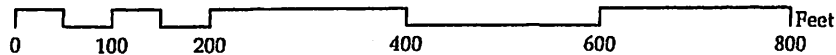
P.O. Box 361 Montrose, AL 36559
Phone: 251-621-5006 Fax: 251-621-5058



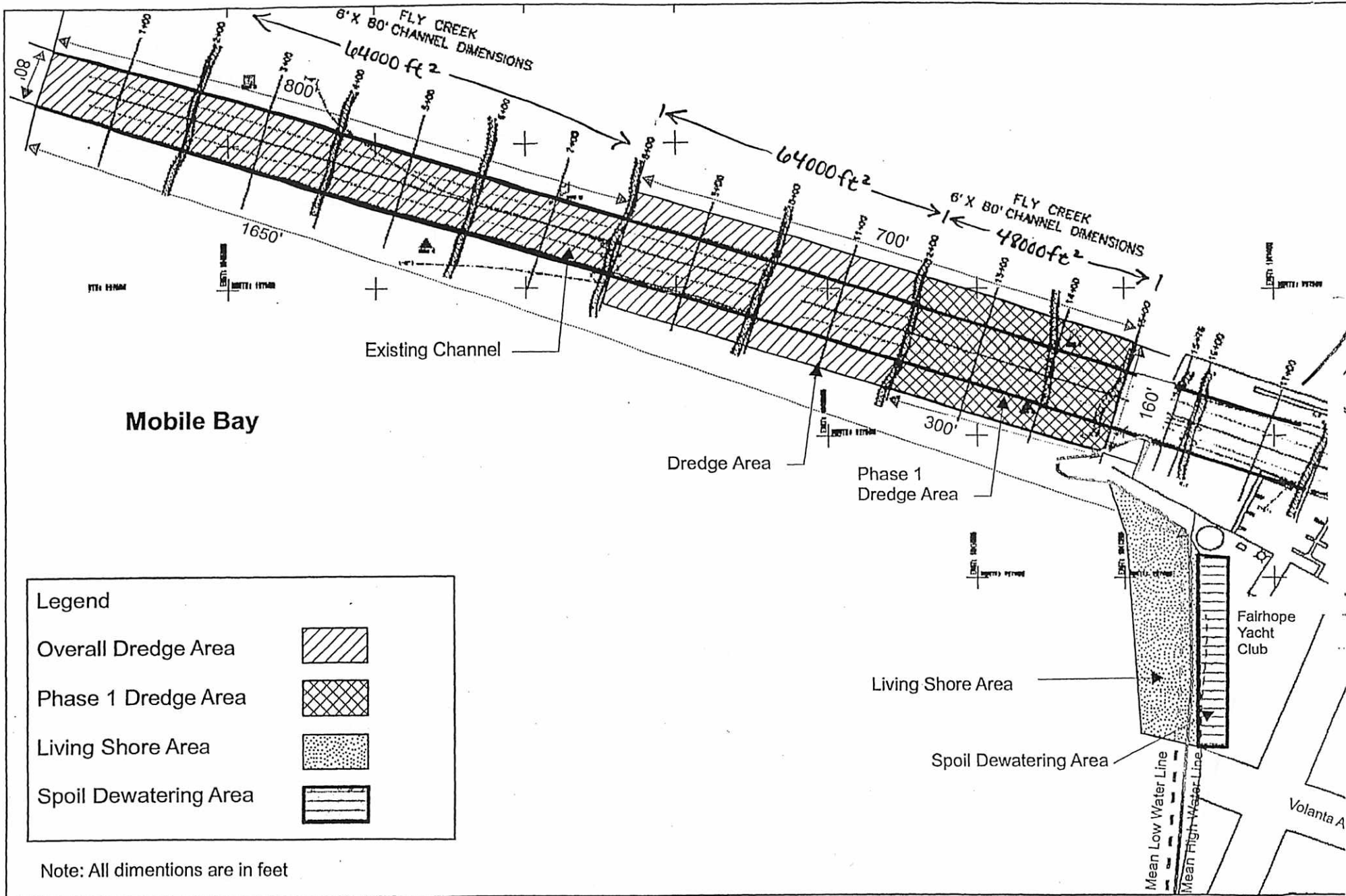
P.O. Box 361 Montrose, AL 36559
 Phone: 251-621-5006 Fax: 251-621-5058

Fly Creek Channel
 Fairhope Yacht Club
 Phase 1 Plan View

1 inch = 200 feet



T-6-S, R-2-E, Sect. 17
 Fairhope, AL

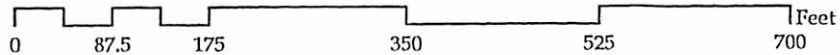


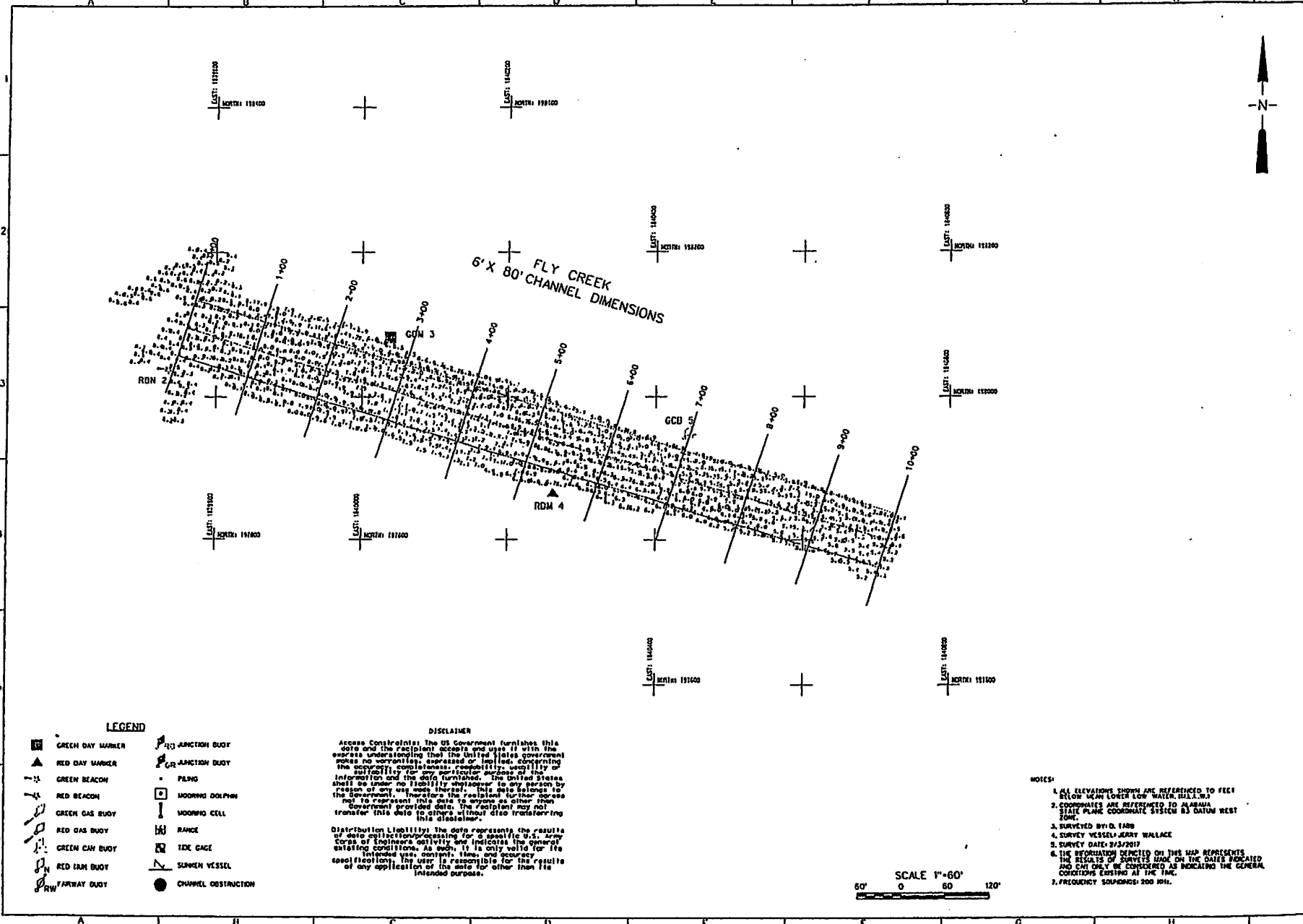
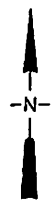
P.O. Box 361 Montrose, AL 36559
Phone: 251-621-5006 Fax: 251-621-5058

1 inch = 175 feet

Fly Creek Channel
Fairhope Yacht Club
Dredge Detail

T-6-S, R-2-E, Sect. 17
Fairhope, AL





Blank table for project data with columns for Date, Title, Author, and other metadata.

Project information table including Date (FEB 7, 2017), Title (FCI FLY CREEK MULTIBEAM SURVEY), Author (D. CARTER), and other details.

FLY CREEK, ALABAMA
FLY CREEK
STA.0-00-10-00
MULTIBEAM SURVEY

Sheet Reference Number
1 OF 2

LEGEND

- [Symbol] GREEN DAY MARKER
- [Symbol] RED DAY MARKER
- [Symbol] GREEN BEACON
- [Symbol] RED BEACON
- [Symbol] GREEN GAS BUOY
- [Symbol] RED GAS BUOY
- [Symbol] GREEN CAN BUOY
- [Symbol] RED CAN BUOY
- [Symbol] RED IAN BUOY
- [Symbol] FAIRWAY BUOY
- [Symbol] JUNCTION BUOY
- [Symbol] ANCHOR BUOY
- [Symbol] PILING
- [Symbol] MOORING DOLPHIN
- [Symbol] MOORING CELL
- [Symbol] RANGE
- [Symbol] TIDE GAGE
- [Symbol] SUNKEN VESSEL
- [Symbol] CHANNEL OBSTRUCTION

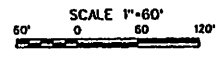
DISCLAIMER

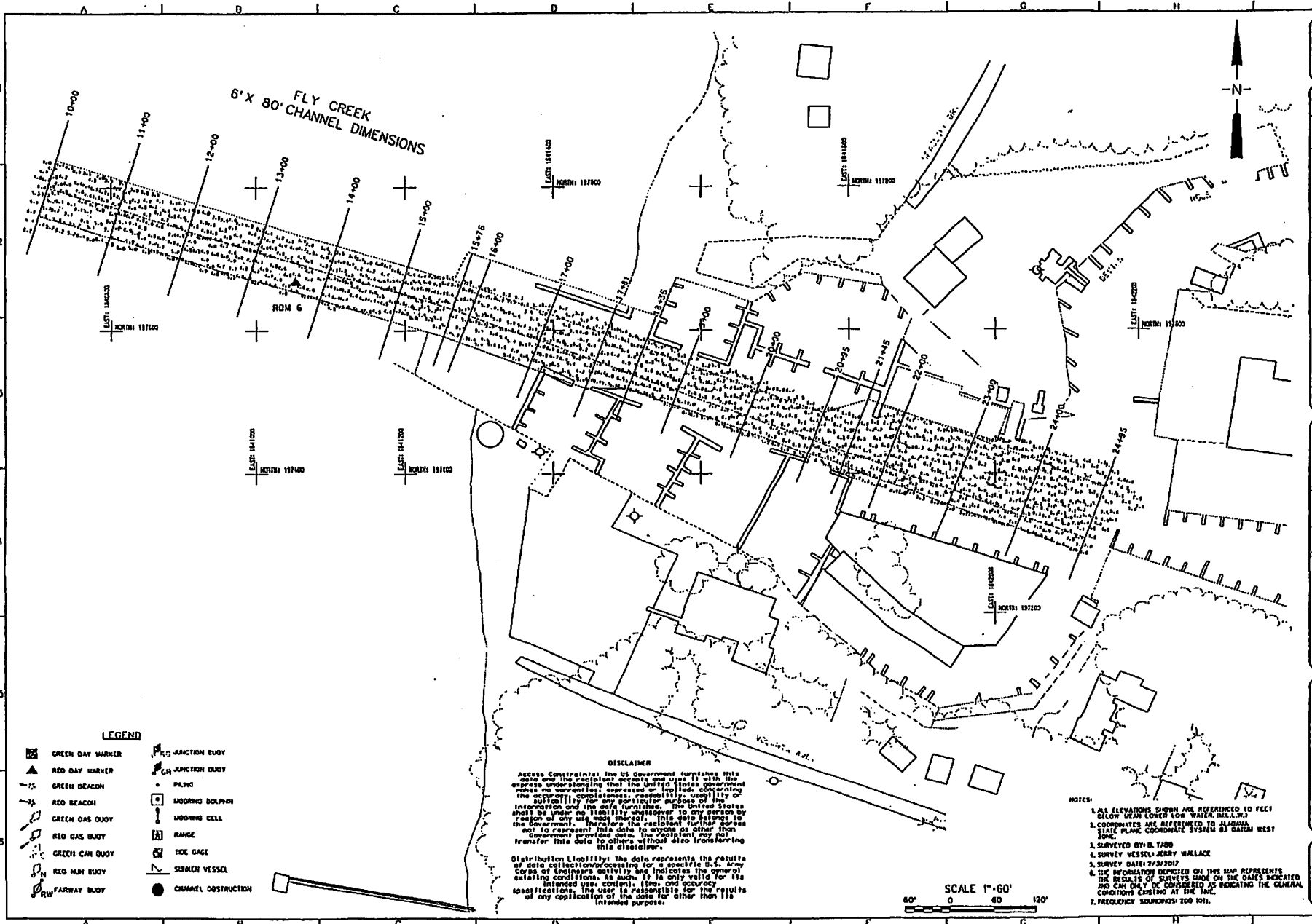
Access Constraints: The US Government furnishes this data and the recipient accepts and uses it with the express understanding that the United States government makes no warranty, expressed or implied, concerning the accuracy, completeness, or reliability of any of the information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use thereof. The recipient agrees that it represents this data to anyone as other than Government provided data. The recipient may not transfer this data to others without also transferring this disclaimer.

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NOTES:

1. ALL ELEVATIONS SHOWN ARE REFERENCED TO FEET BELOW MEAN LOWER LOW WATER, SLL.L.W.
2. COORDINATES ARE REFERENCED TO ALABAMA STATE PLANE COORDINATE SYSTEM 83 DATUM WEST ZONE.
3. SURVEYED BY D. IANB
4. SURVEY VESSEL JERRY WALLACE
5. SURVEY DATE 2/3/2017
6. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THE TIME.
7. FREQUENCY SOUNDINGS: 200 MH.





FLY CREEK, ALABAMA
FLY CREEK STA 10+00-24+95 MULTIBEAM SURVEY

Sheet
 Reference
 Number
2 OF 2

LEGEND

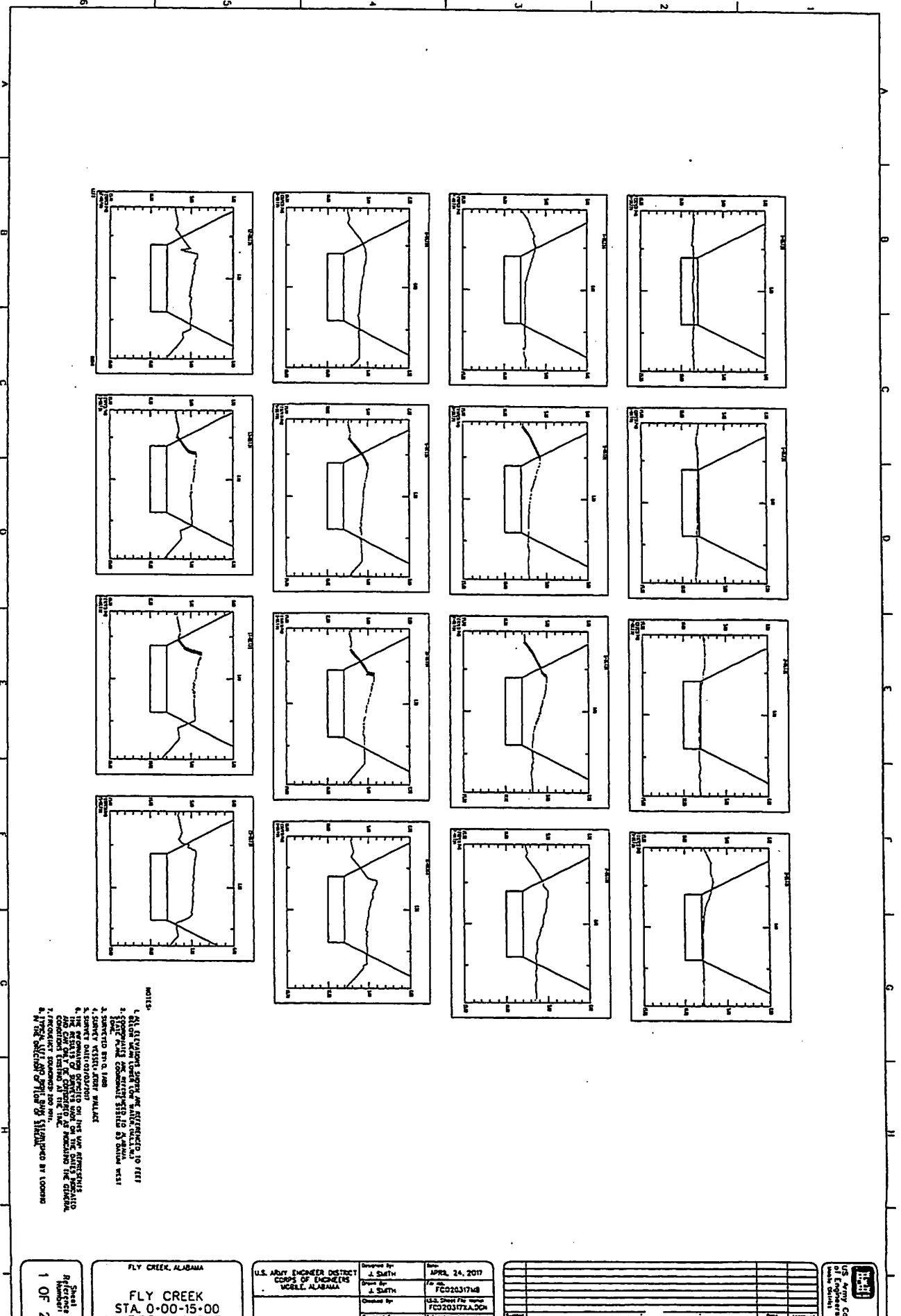
- GREEN DAY MARKER
- RED DAY MARKER
- GREEN BEACON
- RED BEACON
- GREEN GAS BUOY
- RED GAS BUOY
- GREEN CAN BUOY
- RED CAN BUOY
- RED MINI BUOY
- FURNACE BUOY
- JUNCTION BUOY
- PILING
- MOORING DOLPHIN
- MOORING CELL
- RANGE
- TIDE GAUGE
- STERN VESSEL
- CHANNEL OBSTRUCTION

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Distribution Liability: The data represents the results of data collection/processing for a specific U.S. Army Corps of Engineers activity and indicates the operating conditions, as such, it is only valid for the intended use, contains items and accuracy specifications. The user is responsible for the results of any application of the data for other than the intended purpose.



- NOTES:**
1. ALL ELEVATIONS SHOWN ARE REFERENCED TO FEET BELOW MEAN LOWER LOW WATER (M.L.L.W.)
 2. COORDINATES ARE REFERENCED TO ALABAMA STATE PLANE COORDINATE SYSTEM 83 DATUM WEST ZONE.
 3. SURVEYED BY: B. TABB
 4. SURVEY VESSEL: JERRY WALLACE
 5. SURVEY DATE: 8/3/2019
 6. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THE TIME.
 7. FREQUENCY SOUNDINGS 200 MHZ.



- NOTES:
1. ALL MEASUREMENTS MADE BY THE SURVEYOR TO THE CENTER OF THE CHANNEL.
 2. SPAN LENGTHS ARE MEASURED TO THE CENTER OF THE CHANNEL.
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Sheet
 1 OF 2
 Project
 Number:

FLY CREEK, ALABAMA
 FLY CREEK
 STA. 0+00-15+00
 MULTIBEAM SURVEY

U.S. ARMY ENGINEER DISTRICT
 CORPS OF ENGINEERS
 MOBILE, ALABAMA

Designed by
 J. Smith
 Drawn by
 J. Smith
 Checked by
 J. Smith
 Reviewed by
 J. Smith

Date
 APRIL 24, 2017
 File No.
 FC02031716
 U.S. Army File Code
 FC0203172A.DGN
 Publication Number
 FC02031716

Station	Date	Operator

U.S. ARMY CORPS
 OF ENGINEERS
 MOBILE DISTRICT

0+00-15+00 8+2 PC vol

SUMMARY OF VOLUME COMPUTATIONS

4/24/2017 8:35:53 AM

LOCATION: FLY CREEK

BY: J. SMITH

sta. 0+00-15+00

Surveyed: 02/03/2017

Project Depth: 8 Advance Maint: 0 Over Depth: 2

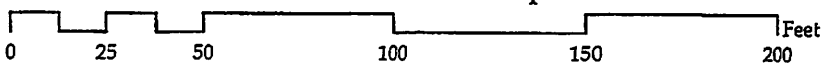
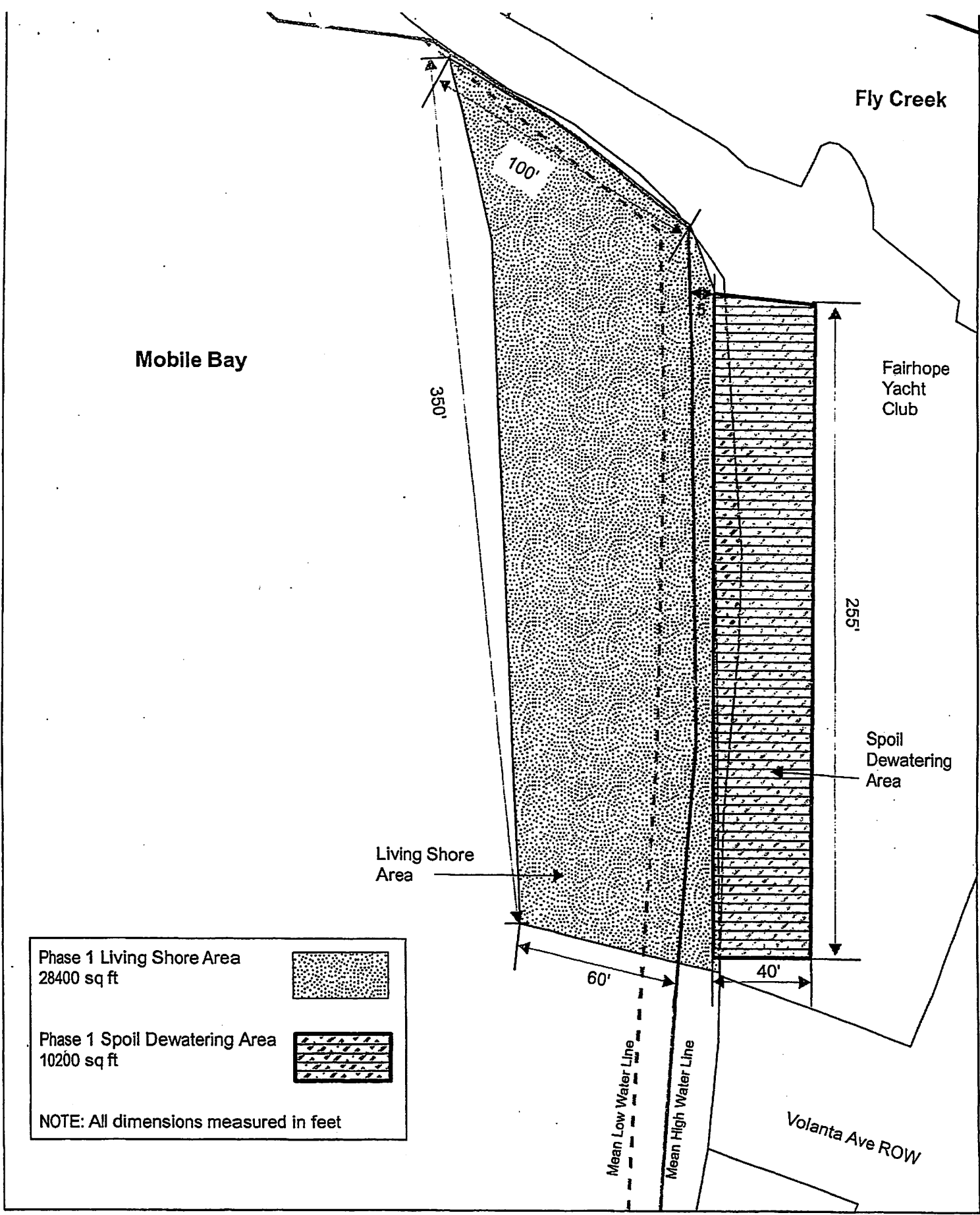
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Original Data: 02/03/2017 Template Data: FC1.lnw AD Data:

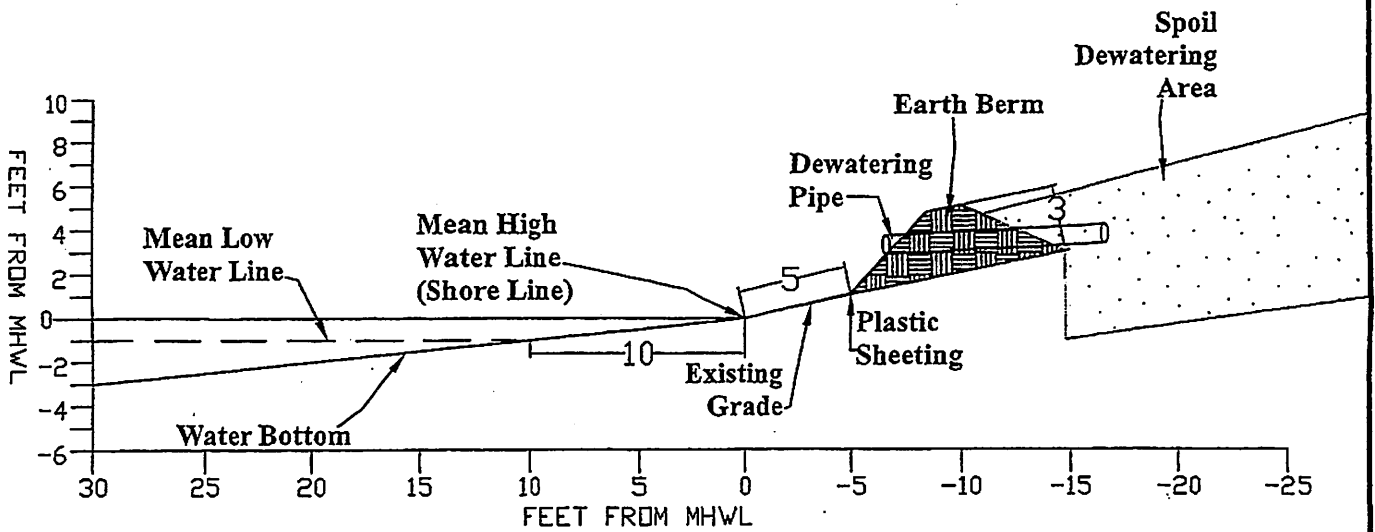
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VOLUMES-----

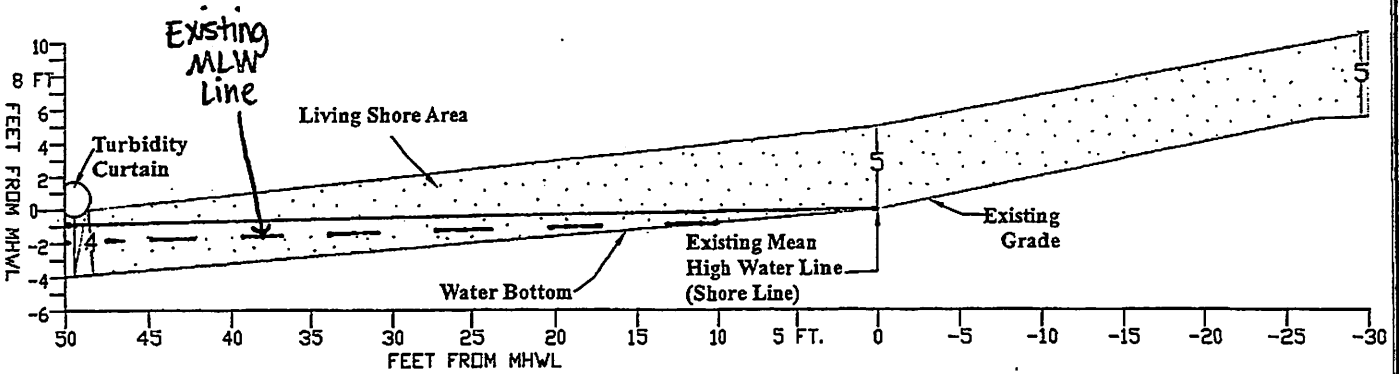
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Gross:						0:	0:	0:	0:
0:									
0+00.TIN :	0:	119:	0:	119:					
0:-----:									
0:						0:	490:	0:	490:
0:									
1+00.TIN :	0:	146:	0:	146:					
0:-----:									
0:						4:	559:	0:	554:
0:									
2+00.TIN :	2:	156:	0:	153:					
0:-----:									
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0:									
3+00.TIN :	28:	188:	0:	160:					
0:-----:									
0:						182:	774:	0:	591:
0:									
4+00.TIN :	70:	230:	0:	160:					
0:-----:									
0:						351:	942:	0:	591:
0:									
5+00.TIN :	119:	279:	0:	160:					
0:-----:									
0:						578:	1169:	0:	591:
0:									
6+00.TIN :	193:	353:	0:	160:					
0:-----:									
0:						747:	1338:	0:	591:
0:									
7+00.TIN :	210:	370:	0:	160:					
0:-----:									
0:						770:	1360:	0:	591:
0:									
8+00.TIN :	205:	365:	0:	159:					
0:-----:									
0:						800:	1390:	0:	590:



Typical Dewatering Cross-section



Typical Living Shoreline Cross-section



Legend

Phase 1 Dredge Volume = 5051 Cu Yd
 Phase 1 Dredge Area = 48000 Sq Ft

Earthen Berm

Living Shore Area

Phase 1 Living Shore Total Volume = 5051 Cu Yd
 Phase 1 LS Volume above MHWL = 1907 Cu Yd
 Phase 1 LS Volume below MHWL = 3144 Cu Yd

Phase 1 Living Shore Area = 28400 Sq Ft

FAIRHOPE YACHT CLUB PHASE 1 CROSS SECTIONS

EcoSolutions
ENVIRONMENTAL, NEUTRAL, MANAGEMENT & PLANNING

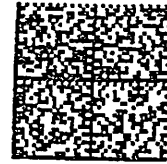
P.O. BOX 361
 MONTROSE, AL 36559
 (251) 621-5006

<small>PREPARED FOR</small> Fairhope Yacht Club Volusia Street Fairhope, AL	<small>DRAWN BY</small> L. Conley	<small>DATE OF LAST REVISION</small> 7/7/17
<small>ORDERED BY</small> T. Hutchings	<small>SCALE AS STATED</small>	<small>FILE</small> Fairhope Yacht Club Cross
		SHEET 2

Fig. Fairhope Yacht Club Cross 4.10.17.dwg

DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, MOBILE
P. O. BOX 2228
MOBILE, ALABAMA 36628-0001
OFFICIAL BUSINESS
CESAM-RD-C

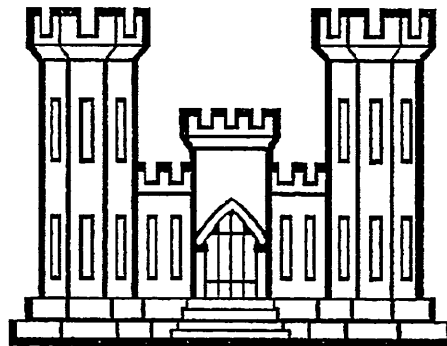
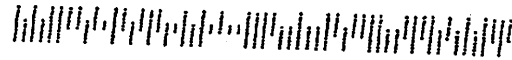
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FAIRHOPE CITY HALL
161 NORTH SECTION
FAIRHOPE AL 36532



**U.S. ARMY CORPS
OF ENGINEERS
MOBILE DISTRICT**







GRANT NAME	FUNDING AGENCY	GRANT AMOUNT	MATCHING FUNDS	PROJECT DESCRIPTION	CURRENT STATUS	STAFF
306A Coastal Zone Management Program	Alabama Dept. of Conservation and Natural Resources (ADCNR)	\$20,000	\$20,000 in-kind contributions	Storm Drain Pollution Control Education/Outreach Project	Funded/In progress	Sherry-Lea Bloodworth Botop
Gulf of Mexico Alliance (GOMA)	US Dept of Commerce and NOAA	\$45,000	\$22,500 in-kind contributions	Phase 2- Stormwater Master Plan	Funded/In progress	Sherry-Lea Bloodworth Botop
Transportation Planning Grant (PL)	Baldwin County Metropolitan Planning Organization (MPO)	\$30,000	0	Downtown Traffic Calming and Wayfinding Project	Funded/Complete	Sherry-Lea Bloodworth Botop
Hazard Mitigation Grant Program (HMGP)	Alabama Emergency Management Agency (AEMA)	\$185,820	\$61,940 cash & in-kind contributions	Flood acquisition and demolition of 705 Cedar Avenue	Project Complete/Close-Out Underway	Erik Cortinas
FY14 Transportation Alternative Program (TAP)	Alabama Department of Transportation (ALDOT)	\$400,000	\$233,850 cash	Multi-Use Path along US 98 and Highway 104	Funded/In progress	Richard Johnson
FY16 Transportation Alternative Program (TAP)	Alabama Department of Transportation (ALDOT)	\$400,000	\$142,500 cash	Sidewalks- CR13- Manley Road to Sedgfield Drive	Funded/In progress	Richard Johnson
FY17 Transportation Alternative Program (TAP)	Alabama Department of Transportation (ALDOT)	\$306,614	\$76,653 cash (does not include Engineering Design Cost)	Sidewalks- CR44 from Founders Drive to CR13 and Manley Road	Funded/In progress	Richard Johnson

FY18 Transportation Alternative Program (TAP)	Alabama Department of Transportation (ALDOT)	\$640,000	\$160,000 cash	Sidewalks- South Section Street and Battles Road	Application Stage	Richard Johnson/Sherry-Lea Bloodworth Botop
Recreational Trails Program (RTP)	Alabama Department of Economic and Community Affairs (ADECA)	\$399,970	\$99,993 cash	North Beach Park Recreational Trail	Application Submitted	Richard Johnson/Sherry-Lea Bloodworth Botop
Not A Grant - RESTORE Act Direct Component	Office of Gulf Coast Restoration, US Department of Treasury	\$650,000	\$0	Fairhope Area Community Based Comprehensive Land Use Plan	In Progress	Wayne Dyess/Sherry-Lea Bloodworth Botop
Not A Grant - RESTORE Act Direct Component	Office of Gulf Coast Restoration, US Department of Treasury	\$6,200,000	\$0	Fairhope Municipal Pier and South Beach Park Improvements	In Progress	Sherry-Lea Bloodworth Botop
RESTORE Act State Expenditure Plan (SEP)	Alabama Gulf Coast Restore Act Council (AGCRC)	\$1,000,000	\$0	Eastern Shore Sanitary Sewer Overflows Prevention Plan	In Progress	Richard Peterson
RESTORE Act State Expenditure Plan (SEP)	Alabama Gulf Coast Restore Act Council (AGCRC)	\$10,000,000	\$0	Fairhope Sewer Upgrades Phase I	In Progress	Richard Peterson
Clean Vessel Act	ADEM	\$6,431	\$2,143	Pump Out Grant	Awarded	Richard Peterson
Resilient and Clean Marina Technical Assistance Grant	EPA	In-Kind Assistance			In progress	Sherry-Lea Bloodworth Botop/Drew Craze/Lynn Maser

Nature Tourism Technical Assistance Grant	EPA	In-Kind Assistance			In Progress	Sherry-Lea Bloodworth Botop