



REPLY TO
ATTENTION OF:

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

CESAM-RD-A
PUBLIC NOTICE NO. SAM-2013-00329-DEM

June 3, 2013

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

REQUEST FOR AUTHORIZATION TO CONSTRUCT SHORELINE STABILIZATION
STRUCTURES, BEACH RENOURISHMENT AND MAINTENANCE DREDGING IN
PERDIDO BAY, BALDWIN COUNTY, ALABAMA.

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 404 of the Clean Water Act (33 USC 1344). Please communicate this information to interested parties.

APPLICANT: Mr. Self Radcliff
3700 Tuthill Place
Mobile, Alabama 36608

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

LOCATION: 6812 Shore Drive, Section 25, Township 8 South, Range 5 East, Josephine, Perdido, Baldwin County, Alabama; Latitude: 30.323611° North, Longitude: -87.517777° West. See enclosed project properties list for details.

WORK: The applicant proposes the construction of shoreline stabilization structures to promote wave energy attenuation, beach renourishment and perform maintenance dredging of existing boatslips. The proposal involves the installation of headland breakwater structures at the terminal ends and midpoint of a 280-foot-wide littoral cell and the renourishment and protection for the beach between the breakwaters with beach quality sand. Structures to be utilized in the project will be of adequate size and strength to withstand the high-energy environment of the site while also minimizing adverse impacts to surrounding properties. The southern headland breakwater will be constructed of Class 3 riprap and will extend waterward from the end of the riprap on the Baldwin County maintained public access area approximately 70 feet. This structure will be +3.0 feet Mean

Low Water (MLW) in height with a base of 12.0 feet. The northern and midpoint structures will be constructed of wood, extend approximately 50 feet waterward of the MLW mark and be +3.0 feet MLW in height. The sand for renourishment will be obtained primarily from the maintenance dredging of the existing boat slips and access channels of the piers located within the project boundaries. Any additional sand required, if necessary, will be obtained from off-site sources. All sand utilized in the project will be certified as beach quality. The materials volume will consist of approximately 93 cubic yards of stone/riprap and 2,400 cubic yards of sand. The surface area to be impacted from construction is approximately 200 square feet from timber breakwaters, 980 square feet from stone/riprap and 19,000 square feet from sand placement and beach renourishment. Maintenance dredging activities will result in the hydraulic dredging of approximately 28,492 square feet of water bottoms. All material will be placed in approved upland location and properly contained to prevent material runoff from re-entering the water column.

The applicant has applied for State Water Quality Certification (WQC) in accordance with Section 401(a)(1) of the Clean Water Act and for coastal zone (CZ) consistency in accordance with the State Coastal Zone Management Program. Upon completion of the required advertising and public comment review, a determination relative to WQC and CZ consistency will be made by the Alabama Department of Environmental Management (ADEM).

This public notice is being distributed to all known interested persons in order to assist in developing facts on which a decision by the U.S. Army Corps of Engineers (Corps) can be based. 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, cultural values, 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 production and in general, the needs and welfare of the people.

The Corps 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 Corps 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

June 3, 2013

for holding a public hearing. Evaluation of the probable impacts involving deposits of dredged or fill material into waters of the United States will include the application of guidelines established by the Administrator of the U.S. Environmental Protection Agency.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The proposal will disturb approximately 28,492 square feet (dredge activities) and approximately 20,180 square feet (structural impacts) of water bottoms within EFH for managed species in the Gulf of Mexico. Impacts to this nursery habitat may affect various aquatic species. Our final determination relative to project impacts to EFH and the need for mitigation measures are subject to review by and coordination with the National Marine Fisheries Service (NMFS) and the Gulf of Mexico Fishery Management Council.

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 effect 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 this undertaking are also being considered. We are seeking comment from the State Historic Preservation Officer, Federally recognized American Indian tribes, local historical societies, museums, universities, the National Park Service and concerned citizens regarding the existence or the potential for existence of significant cultural and historic properties within the permit area. The Corps has made a preliminary determination that there is little potential to effect cultural and historic properties within the permit area.

Preliminary review of this application and the U.S. Department of the Interior List of Endangered and Threatened Wildlife and Plants indicate that the proposed activity may affect listed species or their critical habitat. This notice and application will be coordinated with the U.S. Fish and Wildlife Service (FWS) to assess if the proposed activity will affect listed endangered or threatened species or their critical habitat. Further coordination with the FWS will be performed as a result of this notice. The NMFS requires the evaluation of impacts to EFH of estuarine species. After review of public comments, the ADEM will determine if the proposal complies with and will be operated or maintained in a manner consistent with the Clean Water Act and the Coastal Zone Management Program.

Correspondence concerning this Public Notice should refer to **SAM-2013-00329-DEM** and should be mailed to District Commander, U.S. Army Engineer District, Mobile, Attention: Regulatory Division (RD-A), Post Office Box 2288, Mobile, Alabama 36628-0001, with a copy furnished to the ADEM, 4171 Commanders Drive, Mobile Alabama 36615.

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, **Mr. Don Mroczko** at phone **(251) 690-3185** or **donald.e.mroczko@usace.army.mil**. Please refer to the Public Notice Number **SAM-2013-00329-DEM**.

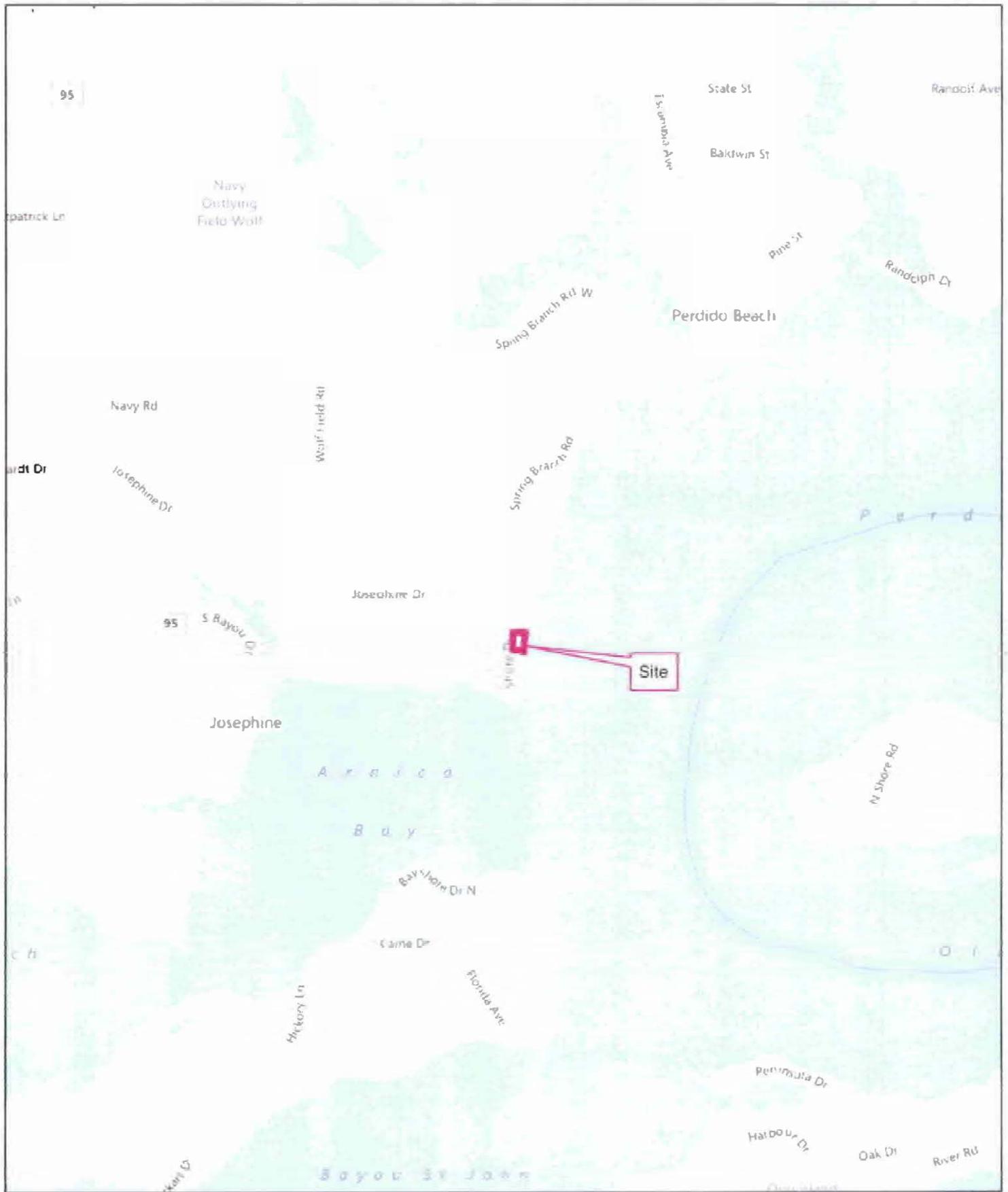
CESAM-RD-A
PUBLIC NOTICE NO. SAM-2013-00329-DEM

June 3, 2013

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

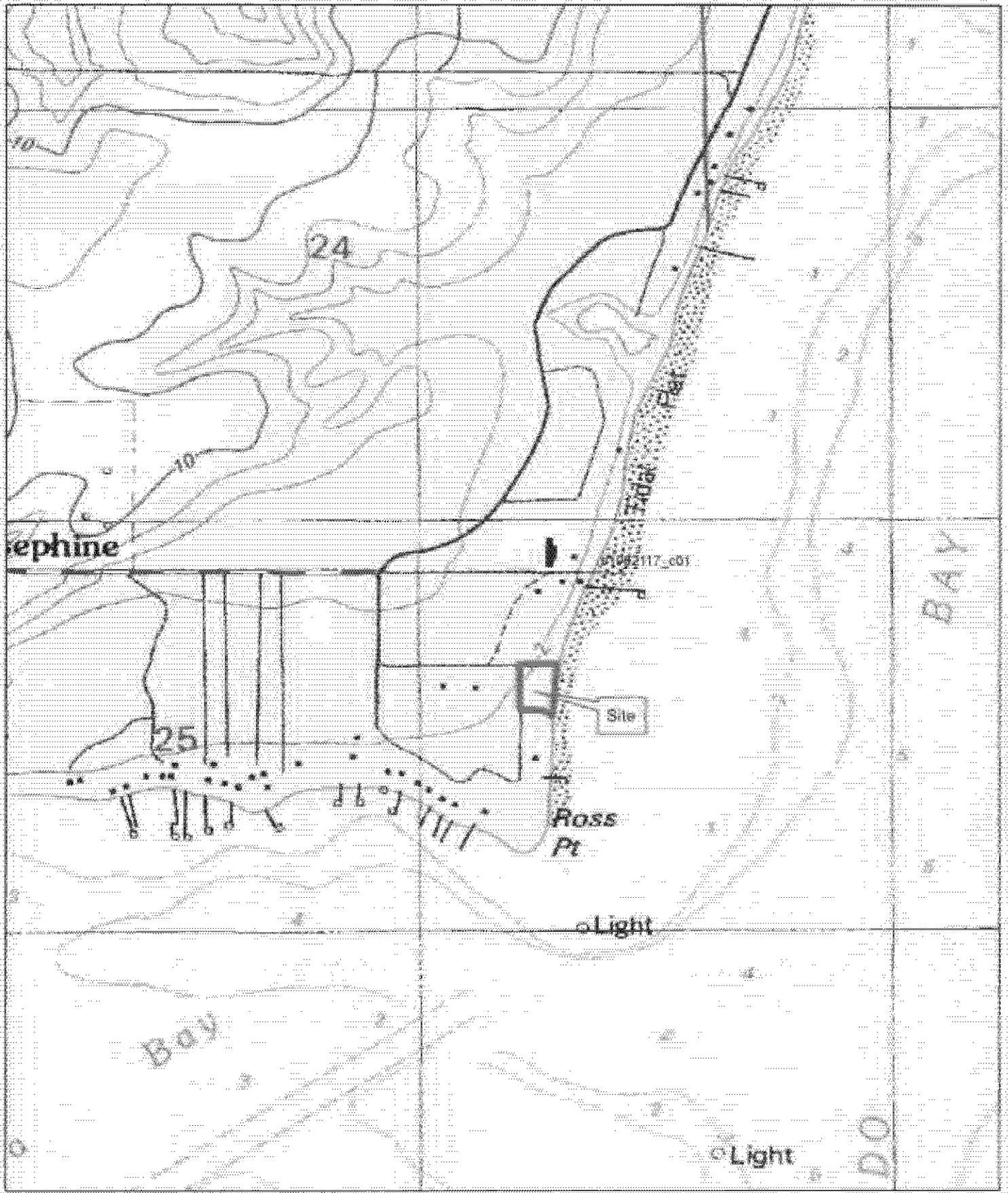


P.O. Box 361 Montrose, AL 36559
 Phone: 251-621-5006 Fax: 251-621-5058

Project: Radcliff Beach 3.13.13
 Applicant: Self Radcliff
 1 inch = 0.5 miles

T-8-S, R-5-E, Sect.25
 Josephne, AL





EcoSolutions
ENVIRONMENTAL MONITORING AND RESTORATION

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

Project: Radcliff Beach 3.13.13
 Applicant: Self Radcliff
 1 inch = 1,000 feet

T-8-S, R-5-E, Sect.25
 Josephine, AL
 Topo: Orange Beach, AL





Property Owners

- 1 Scott Kirby
113 Austr Avenue Mobile AL 36608
- 2 Mane Crawford
PO Box 123 Mobile AL 36601
- 3 Self Radcliff
3700 Tuthill Place Mobile AL 36608
- 4 Steven Cockrell
2112 Freement Dr W Mobile AL 36609



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

Project Radcliff Beach 315.13

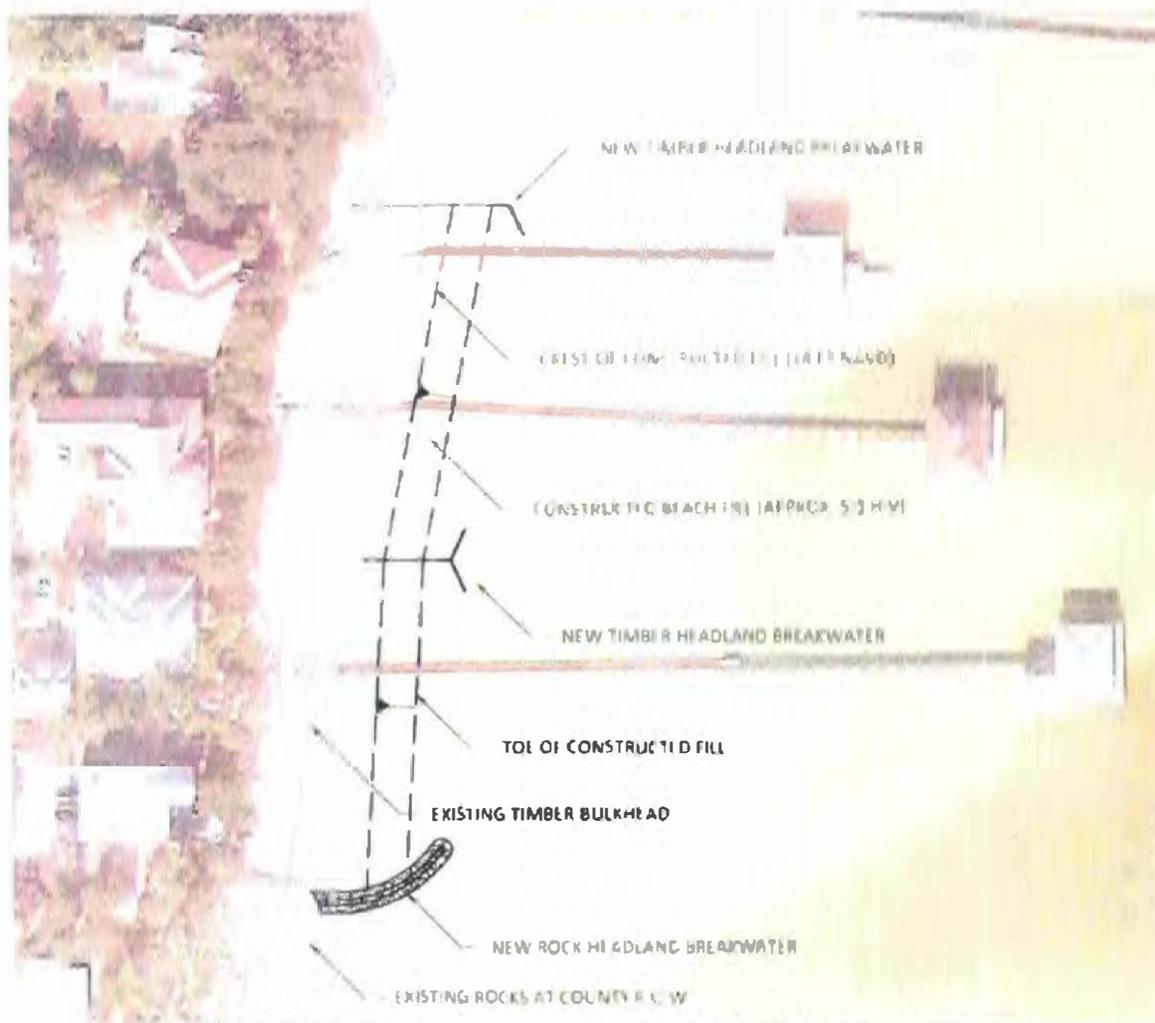
Applicant Self Radcliff

1 inch = 100 feet

1-8-8, R-5-1, Sect 25

Josephine, AL





NOTE: ELEVATIONS AND DESIGN BASED ON PRIVATE SURVEY BENCHMARK AT HUTCHINGS PROPERTY

**Radcliff Living Shoreline Design - Plan View
Perdido Bay, AL**

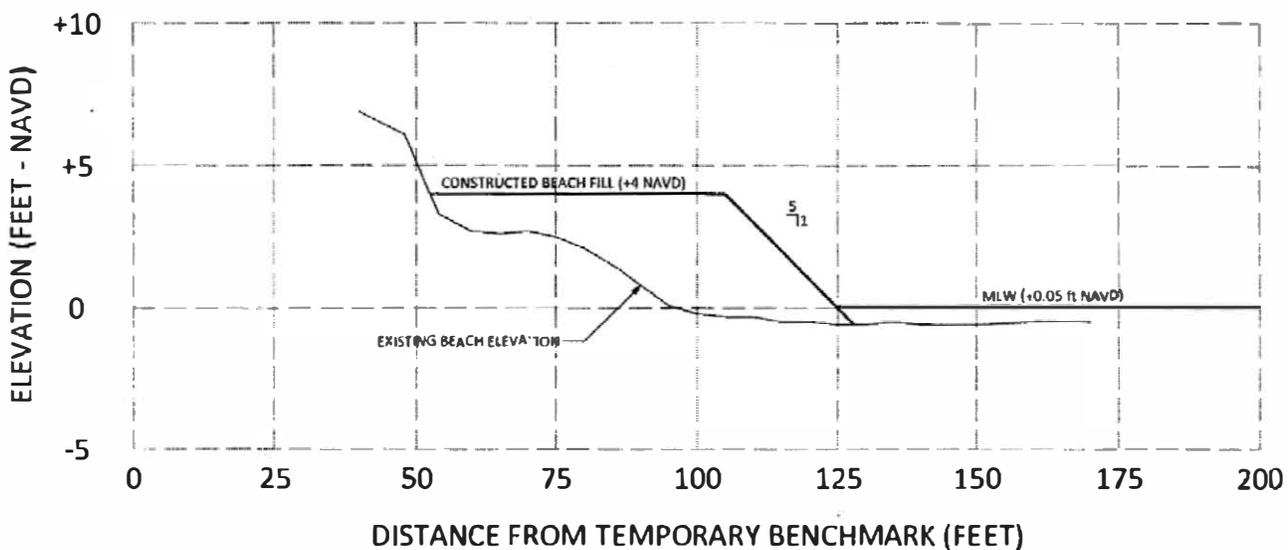
DESIGNED BY SLO	CHECKED BY
DRAWN BY: BB	REVIEWED BY
DATE 3/4/2013	SUBMITTED



SOUTH COAST ENGINEERS
Engineering for the Coast

DRAWING NO.
1
SHEET 1 OF 1

MINIMUM DESIGN PROFILE



NOTE: REPRESENTATIVE BATHYMETRY SURVEYED 2/26/13 NEAR PROJECT CENTER

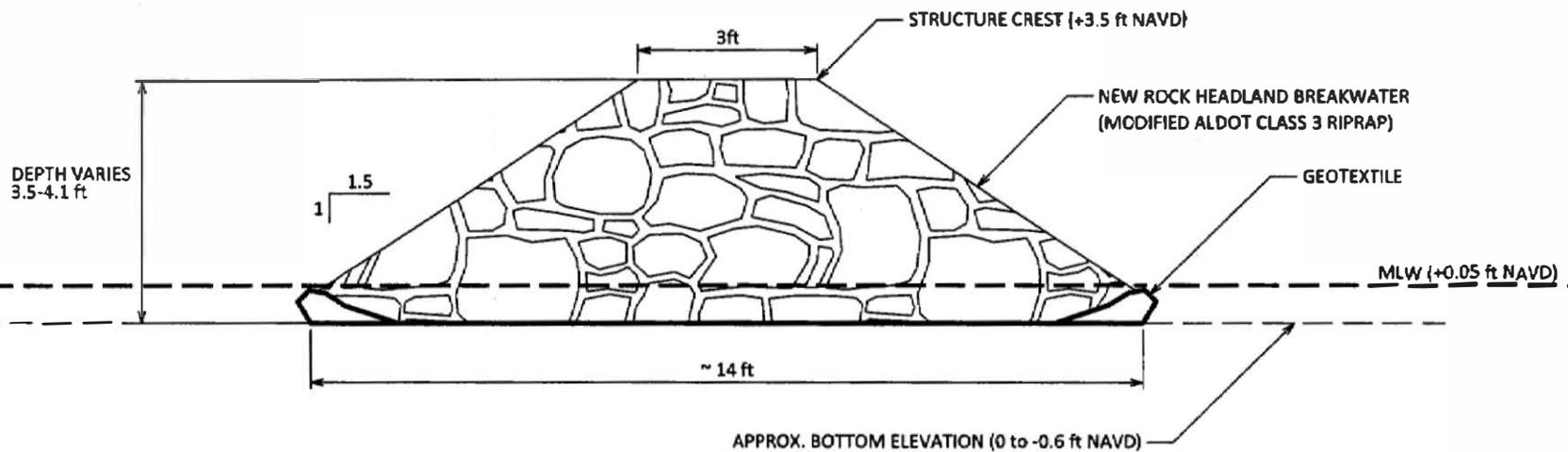
Radcliff Living Shoreline Design
Minimum Design - Profile View
Perdido Bay, AL

DESIGNED BY: BB	CHECKED BY:
DRAWN BY: BB	REVIEWED BY:
DATE: 3/11/2013	SUBMITTED:



SOUTH COAST ENGINEERS
Engineering for the Coast

DRAWING NO.
2
SHEET 2 OF 3



**Radcliff Living Shoreline Design
Rock Structure Design - Profile View
Perdido Bay, AL**

DESIGNED BY: BB	CHECKED BY:
DRAWN BY: BB	REVIEWED BY:
DATE: 3/18/2013	SUBMITTED:



SOUTH COAST ENGINEERS
Engineering for the Coast

DRAWING NO.

3

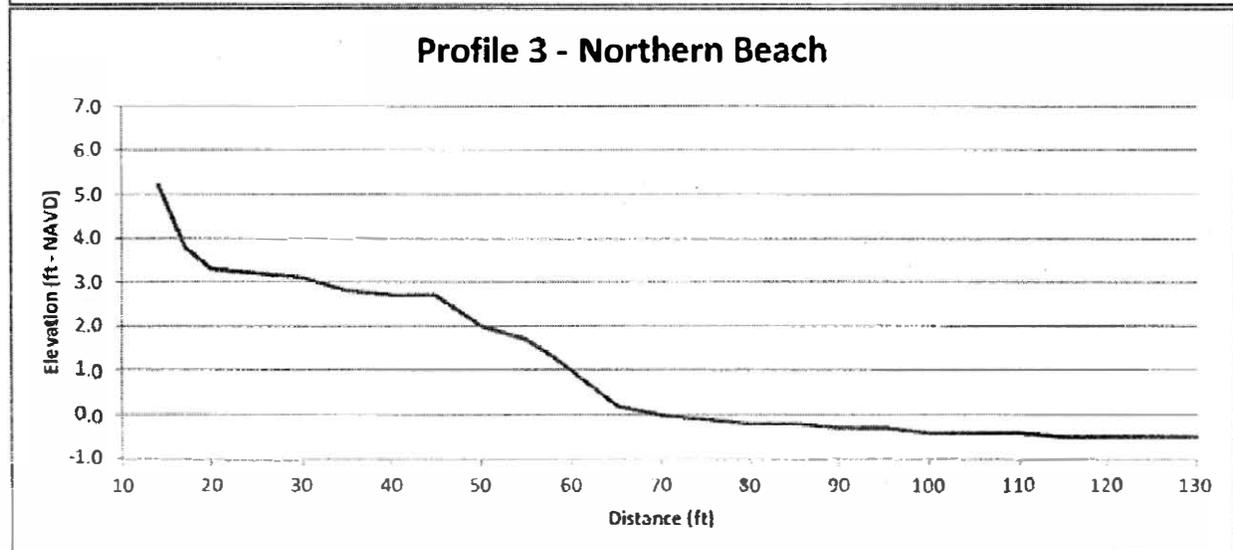
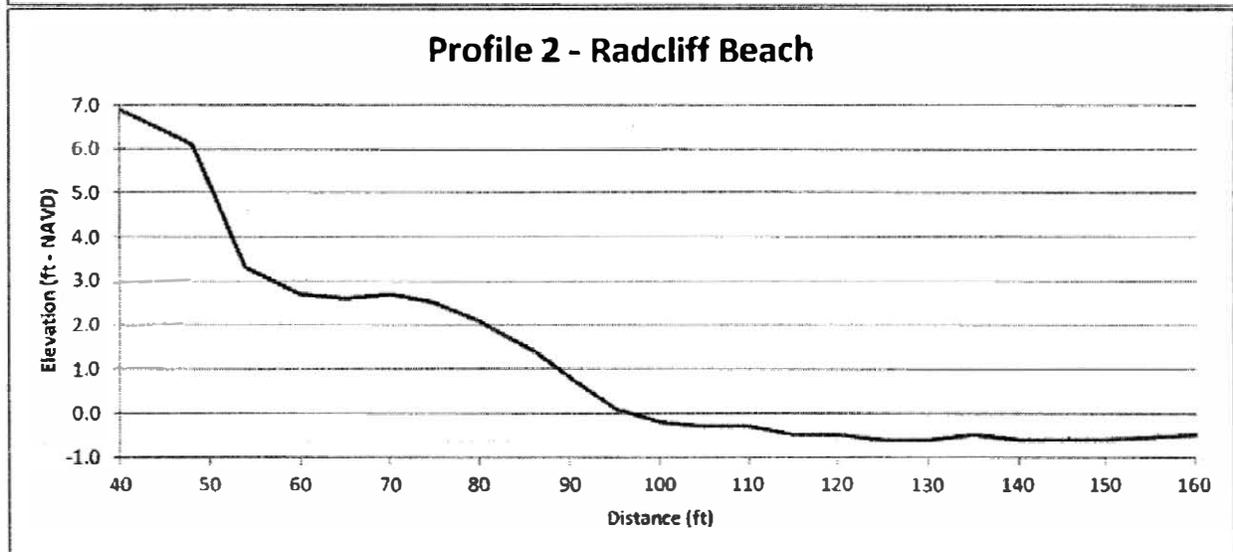
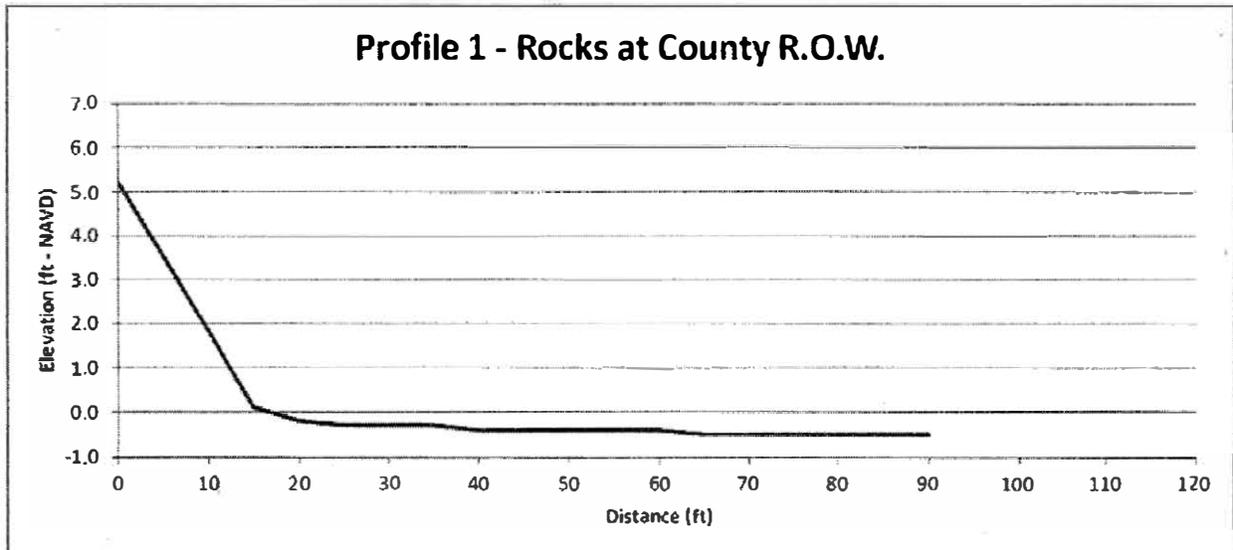
SHEET 3 OF 3

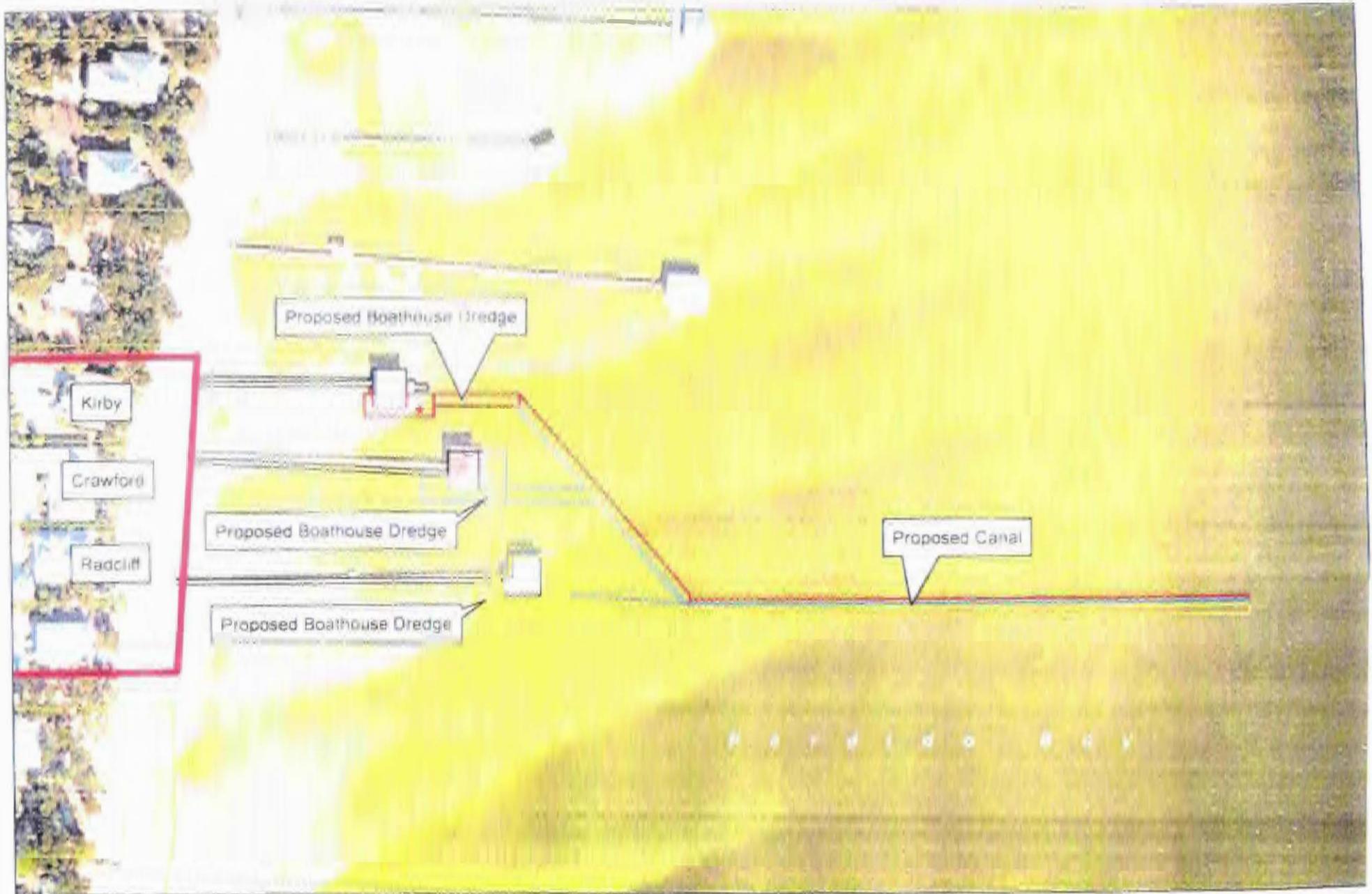


SOUTH COAST ENGINEERS

Engineering for the Coast

P.O. Box 72
Fairhope, AL 36533
www.southcoastengineers.com

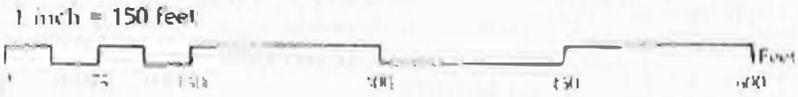


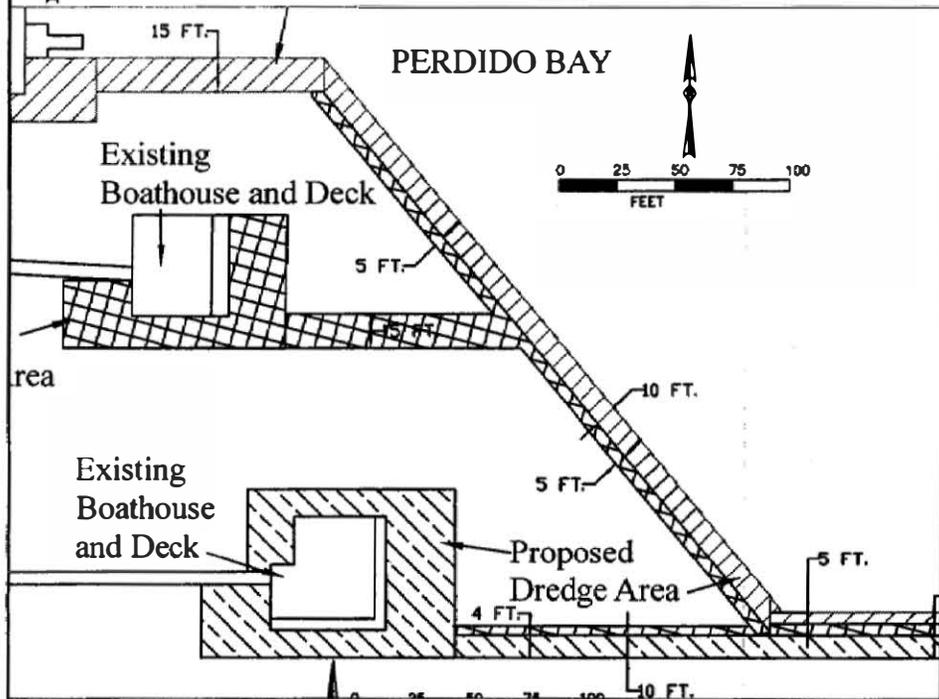
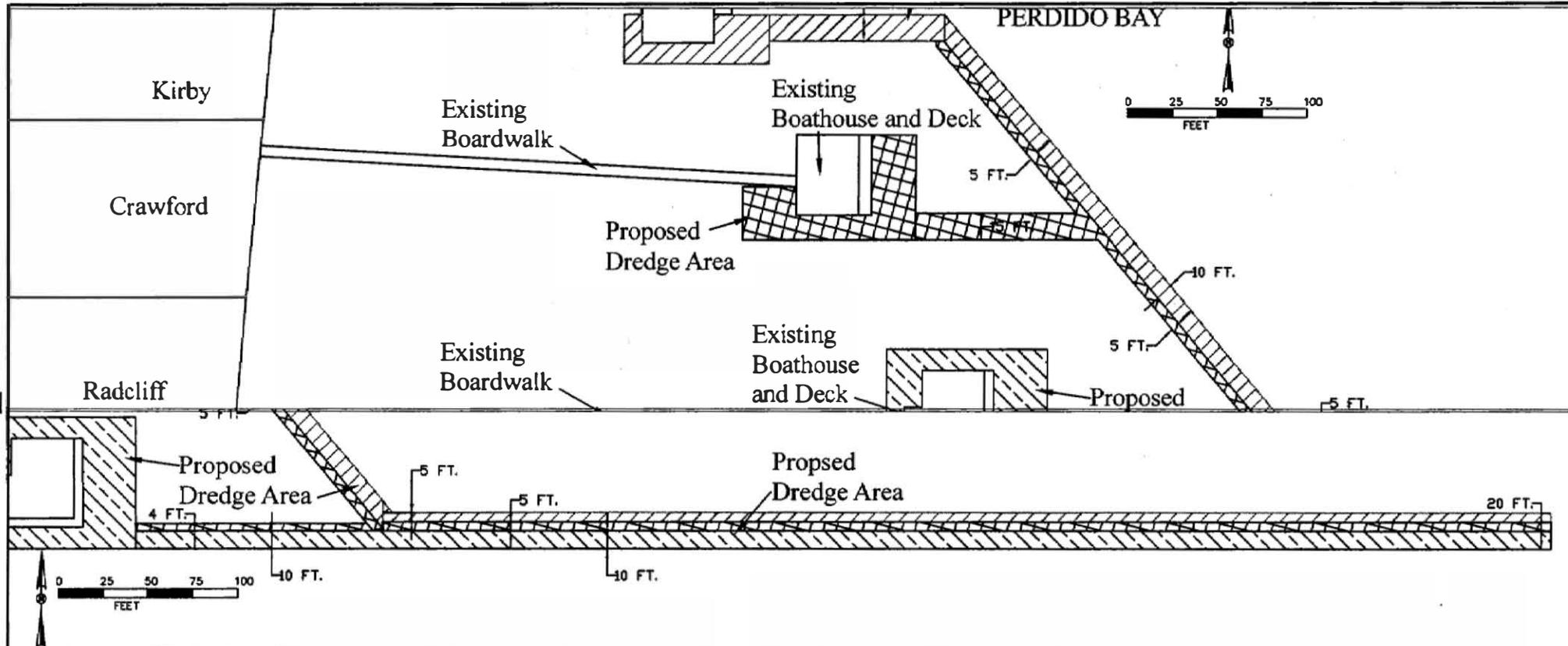


EcoSolutions
 THROUGH SUSTAINABLE COMMUNITARIANISM
 P.O. Box 361 Montrose, AL 36559
 Phone: 351-621-5006 Fax: 351-621-5058

Project: Joint Dredge Project
 Applicant: Kirby, Crawford and Radcliff

T-8-S, R-3-E, Sect. 25
 Josephine, AL





Crawford Proposed Dredge in Canal = 7006 cu ft

Crawford Proposed Dredge around Boathouse = 6301 cu ft

Total Crawford Dredge = 13307 cu ft = 493 cu yd

Total Crawford Surface Area Impacted = 9059 sq ft

-  Kirby Proposed Dredge
-  Crawford Proposed Dredge
-  Radcliff Proposed Dredge

CRAWFORD DREDGE PLAN



P.O. BOX 261
MONTROSE, AL 36550
(251) 921-5065

PREPARED FOR
Marie Crawford
PO Box 123
Mobeetie, AL 36601

DRAWN BY
L. Coakley

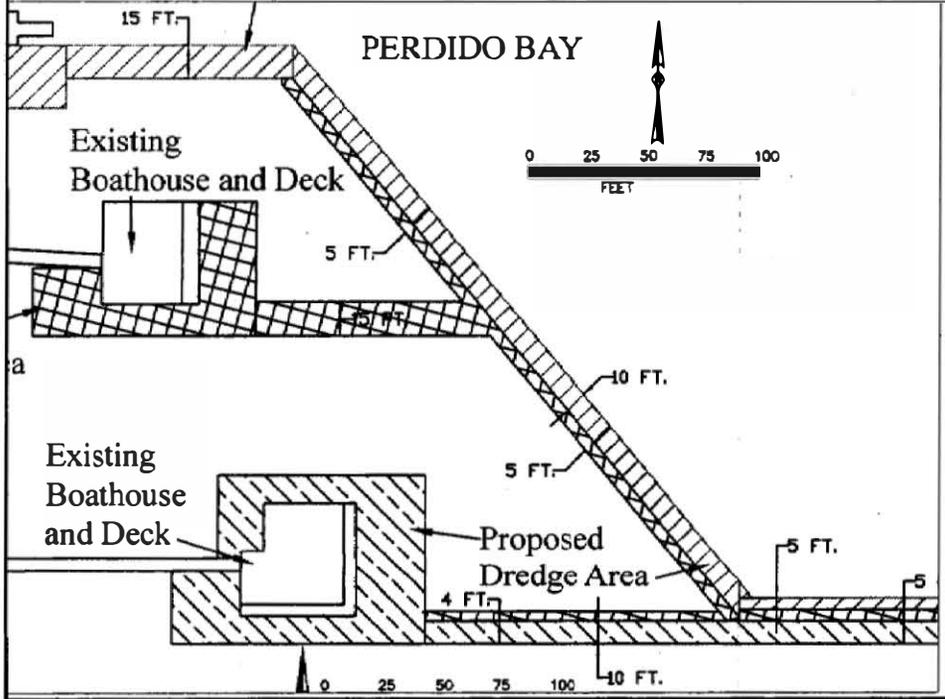
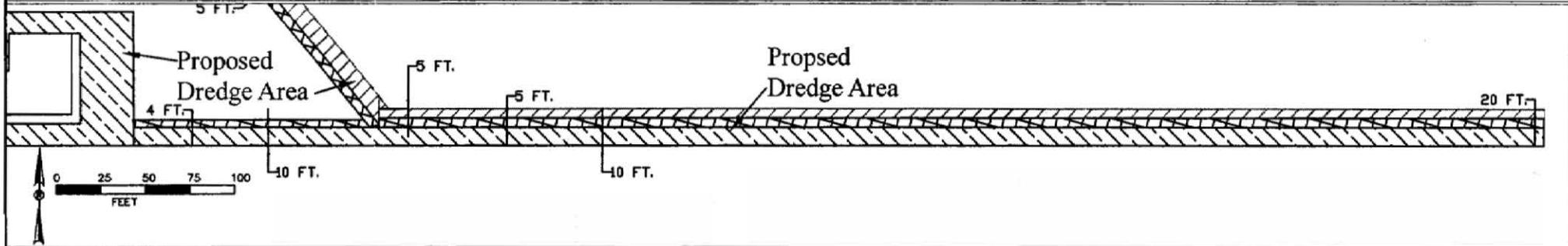
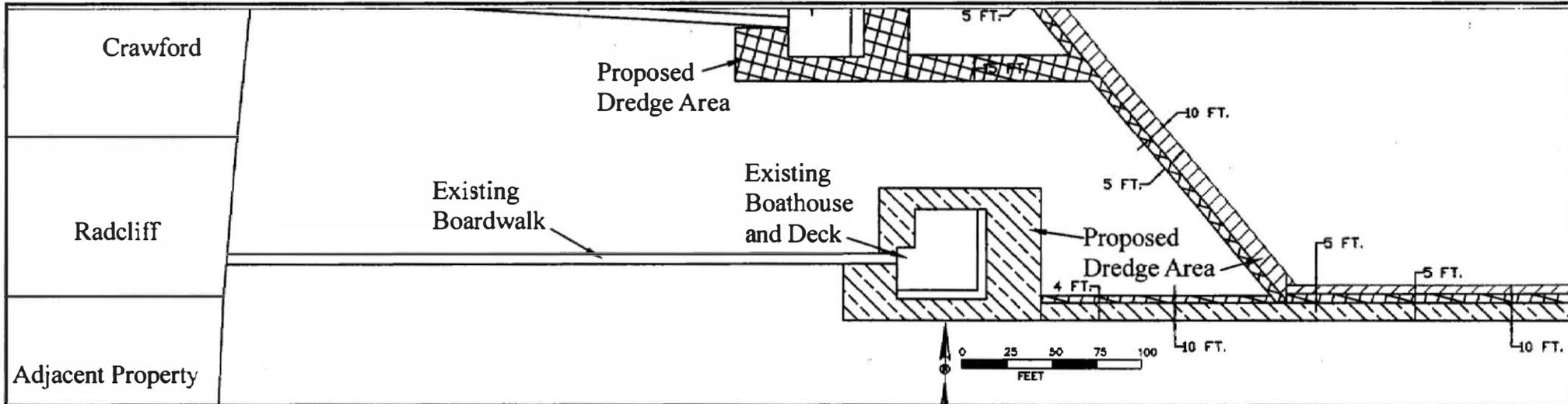
DATE OF LAST REVISION
April 29, 2013

NO
Rdcliff 3 Dredge 4.11.13.dwg

CHECKED BY
T. Hutchings

SCALE AS STATED

SHEET 1



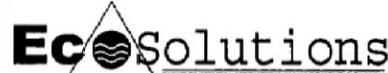
-  Kirby Proposed Dredge
-  Crawford Proposed Dredge
-  Radcliff Proposed Dredge

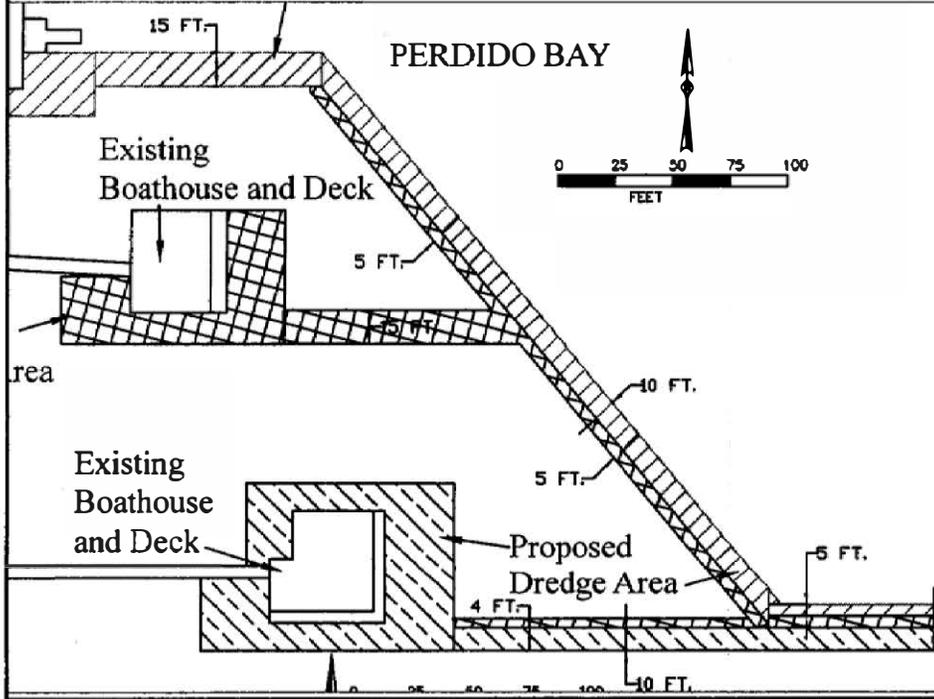
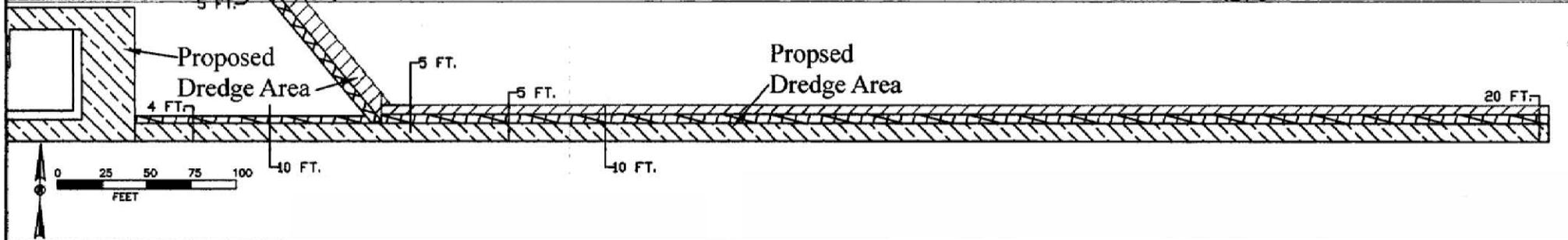
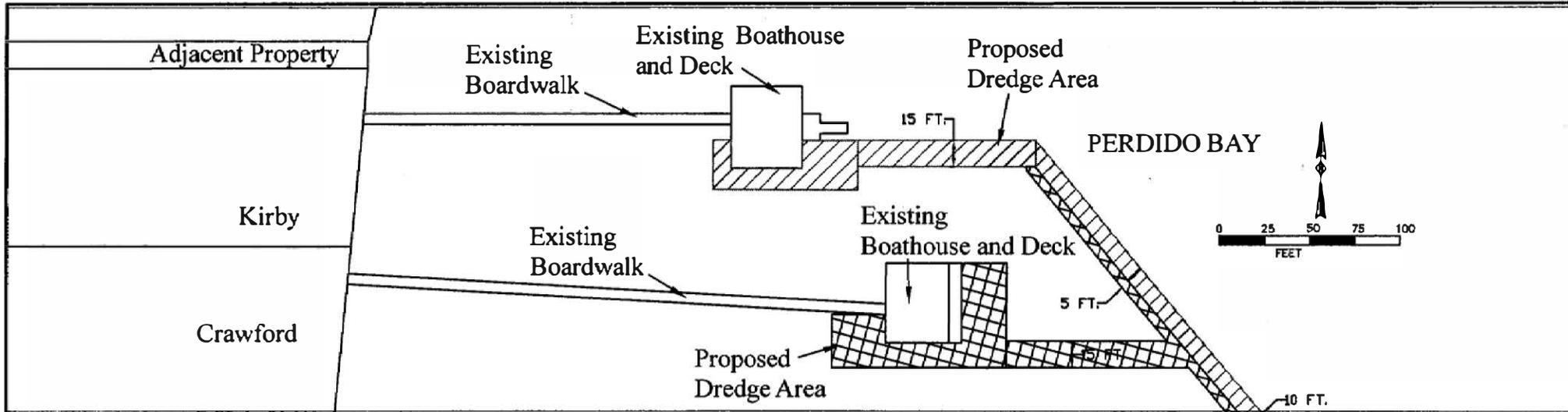
Radcliff Proposed Dredge in Canal = 6114 cu ft

Radcliff Proposed Dredge around Boathouse = 7350 cu ft

Total Radcliff Dredge = 13464 cu ft = 499 cu yd

Total Radcliff Surface Area Impacted = 11545 sq ft

RADCLIFF DREDGE PLAN			
			
PREPARED FOR Self Radcliff 3700 Tutthill Place Mobile, AL 36608	DRAWN BY L. Coakley	DATE OF LAST REVISION April 29, 2013	PLOT Radcliff 3 Dredge 4.11.13.dwg
CHECKED BY T. Hutchings		SCALE AS STATED	SHEET 1
ENVIRONMENTAL MEDICATION MANAGEMENT & PLANNING P.O. BOX 361 MONROE, LA 70509 (225) 821-5988			



Kirby Proposed Dredge in Canal = 8758 cu ft

Kirby Proposed Dredge around Boathouse = 4728 cu ft

Total Kirby Dredge = 13486 cu ft = 499 cu yd

Total Kirby Surface Area Impacted = 7888 sq ft

-  Kirby Proposed Dredge
-  Crawford Proposed Dredge
-  Radcliff Proposed Dredge

KIRBY DREDGE PLAN		
		
PREPARED FOR Scott Kirby 113 Austell Avenue Mobile, AL 36608	DRAWN BY L. Cassidy CHECKED BY T. Hatching	DATE OF LAST REVISION April 29, 2013 SCALE AS STATED
ENVIRONMENTAL DESIGN, ENGINEERING & PERFORMING		P.O. BOX 341 MONTROSE, AL 36556 (251) 621-6008
RODCLIFF 3 Dredge 4.11.13.dwg		SHEET 1