



**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-2023-00285-DJL**

**May 23, 2023**

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

**PROPOSED SHORELINE RESTORATION, ALOE BAY, DAUPHIN ISLAND, MOBILE**  
**COUNTY, ALABAMA**

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

**APPLICANT:** The Town of Dauphin Island  
Attention: Mayor Jeff Collier  
1011 Bienville Boulevard  
Dauphin Island, Alabama 36528

**AGENT:** Moffatt & Nichol  
Attention: Meg Moffatt  
11 N. Water Street, Suite 20220  
Mobile, Alabama 36602

**LOCATION/WATERS:** The project is located within Aloe Bay; near El Dorado Avenue & De Soto Avenue; within Section 25, Township 8 South, Range 2 West; center coordinates: Latitude 30.259803, Longitude -88.117362; in Dauphin Island, Mobile County, Alabama. See attachments for location details.

**PROJECT PURPOSE:** The project purpose is to reduce shoreline erosion and restore lost habitat in Aloe Bay.

**PROPOSED WORK:**

a. Hydraulic and mechanical dredging of a total of 124,200 cubic yards of waterbottoms within 744,005 square feet (17.08 acres) for the creation of access channels and sediment borrow areas.

b. The total placement of 60,500 cubic yards of fill material within 520,978 square feet (11.96 acres) of shoreline, waterbottoms and adjacent uplands for the purpose of

shoreline stabilization and habitat restoration. Activities will also include the installation of rip-rap breakwaters and a 90 linear foot groin.

**AVOIDANCE AND MINIMIZATION:** The applicant has indicated the proposed project has been designed to avoid impacts to any submerged aquatic vegetation (SAV) and wetlands that may be present within the project area. Furthermore, Best Management Practices (BMPs) will be implemented to prevent water quality impacts within Mobile Bay during project implementation. The U.S. Army Corps of Engineers (USACE), Mobile District, has not verified the adequacy of the applicant's avoidance and minimization efforts at this time.

**MITIGATION:** Compensatory mitigation would not be required because the activity consists of construction of structures that would not adversely impact special aquatic sites.

**WATER QUALITY/COASTAL ZONE MANAGEMENT (CZM):** The applicant will apply for certification from the State of Alabama in accordance with Section 401(a)(1) of the Clean Water Act, as well as Coastal Zone Management (CZM) consistency certification in accordance with the Alabama Coastal Zone Management Program. Upon completion of the required advertising and public comment review, a determination relative to Water Quality Certification and Coastal Zone consistency will be made by the 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, or eligible for listing, in 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. At this time, the USACE, Mobile District has made no determination regarding potential effects of the project on cultural/historic resources. Further coordination with the State Historic Preservation Officer and/or federally-recognized American Indian 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 proposed project would impact approximately 23.94 acres of unvegetated estuarine substrate utilized by various life stages of multiple marine species. Our final determination relative to project impacts is subject to review by and coordination with the National Marine Fisheries Service (NMFS).

**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 12-digit Hydrologic Unit Code (HUC-12) of the project area: West Indian Manatee (T), Piping Plover (T), Red Knot (T), Wood Stork (T), Kemp's Ridley Sea Turtle (E), Loggerhead Sea Turtle (T), and Gulf Sturgeon (T). There is no designated critical habitat within the project action area, at this time, the USACE, Mobile District has made no final determination regarding effects of the project on the above-listed species. Further coordination with the U.S. Fish and Wildlife Service (USFWS) and NMFS will be performed as determined to be appropriate.

**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 public notice should refer to Public Notice Number **SAM-2023-00285-DJL** and should be directed to the project manager, Mr. Dana John Leach by e-mail at [Dana.J.leach@usace.army.mil](mailto:Dana.J.leach@usace.army.mil), or to the U.S. Army Corps of Engineers, Mobile District, Regulatory Division, Attention: Mr. Dana John Leach, 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](mailto:coastal@adem.alabama.gov), or sent to: Alabama Department of Environmental Management, Mobile Branch / Coastal Section, 3664 Dauphin Street, Suite B, Mobile, Alabama 36608.

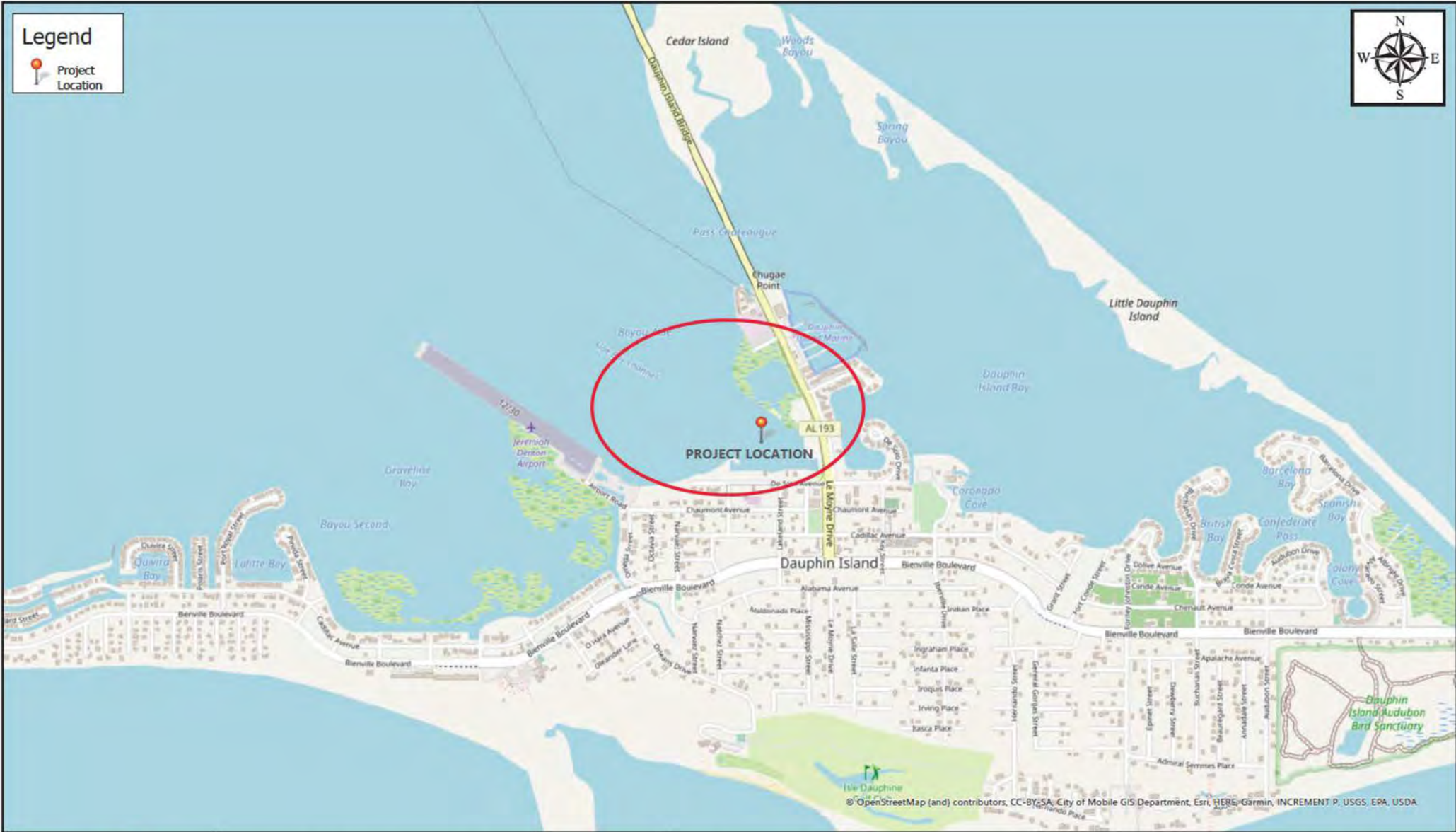
**All Comments should be received no later than 30 days from the date of this Public Notice.** If you have any questions concerning this publication, you may contact Mr. Dana John Leach by e-mail at [Dana.J.Leach@usace.army.mil](mailto:Dana.J.Leach@usace.army.mil), or by phone at (251) 305-8963. Please refer to the above Public Notice Number **SAM-2023-00285-DJL**, in any communication concerning this project.

For additional information about our Regulatory Program, please visit our web site at [www.sam.usace.army.mil/Missions/Regulatory.aspx](http://www.sam.usace.army.mil/Missions/Regulatory.aspx).

MOBILE DISTRICT  
U.S. Army Corps of Engineers

Attachments

Legend



© OpenStreetMap (and) contributors, CC-BY-SA, City of Mobile GIS Department, Esri, HERE, Garmin, INCREMENT P, USGS, EPA, USDA



SAM-2023-00285-DJL // Vicinity Map




Map Center: 88.117158°W 30.260099°N

Map Created by: Dane J. Leach, Project Manager

Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere  
Projection: Mercator Auxiliary Sphere

Legend

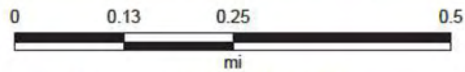
 Project Location



City of Mobile GIS Department, Esri, HERE, Garmin, INCREMENT P, USGS, EPA, USDA, NOAA, Microsoft, Esri, HERE, Garmin, IGC



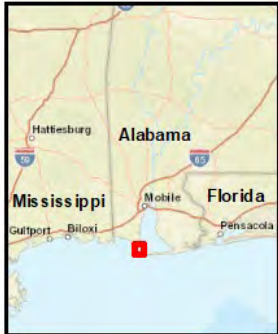
SAM-2023-00285-DJL // Aerial Map



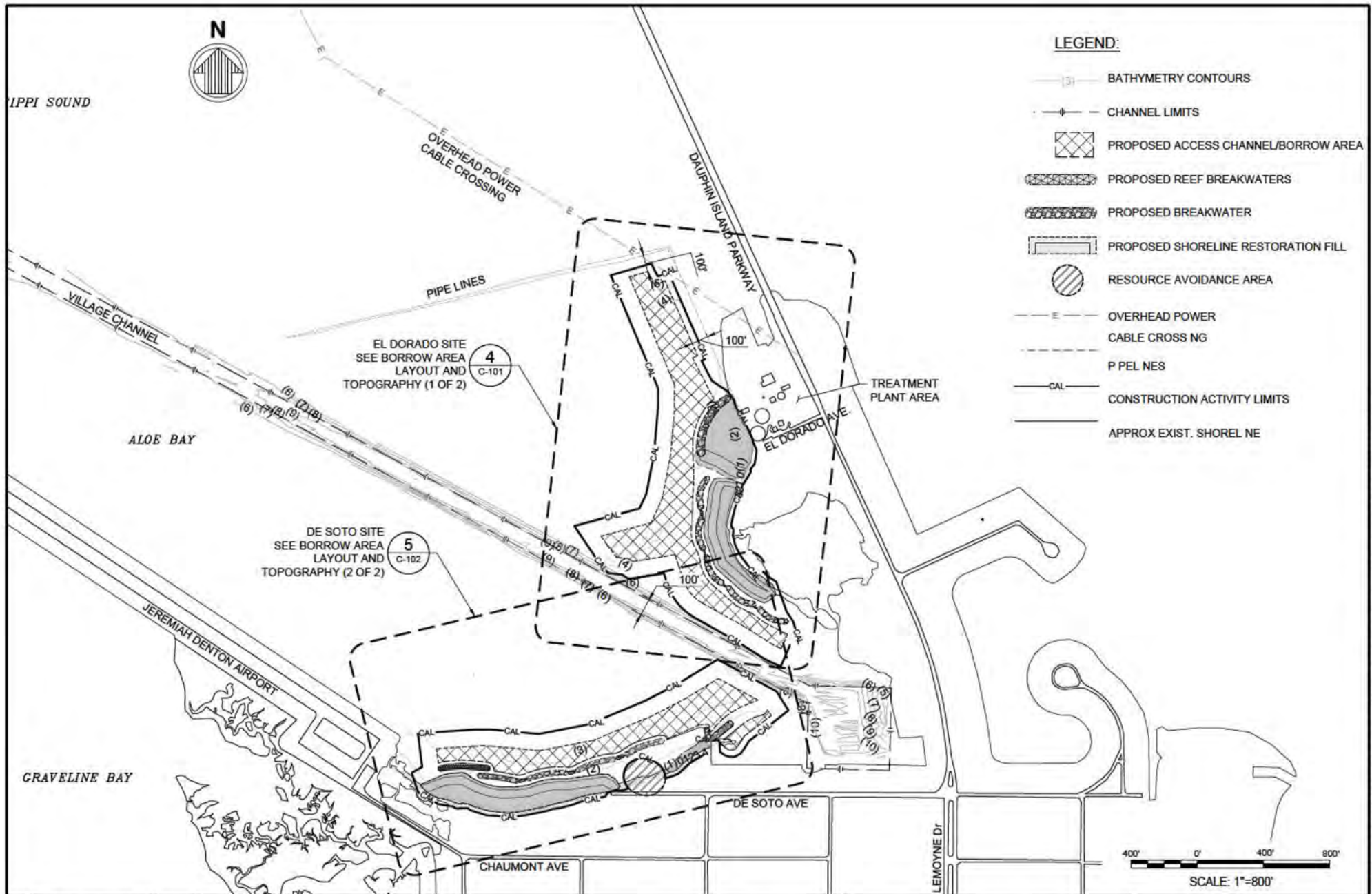
Map Center: 88.117094°W 30.259913°N


Map Created by: Dane J. Leach, Project Manager

Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere  
Projection: Mercator Auxiliary Sphere

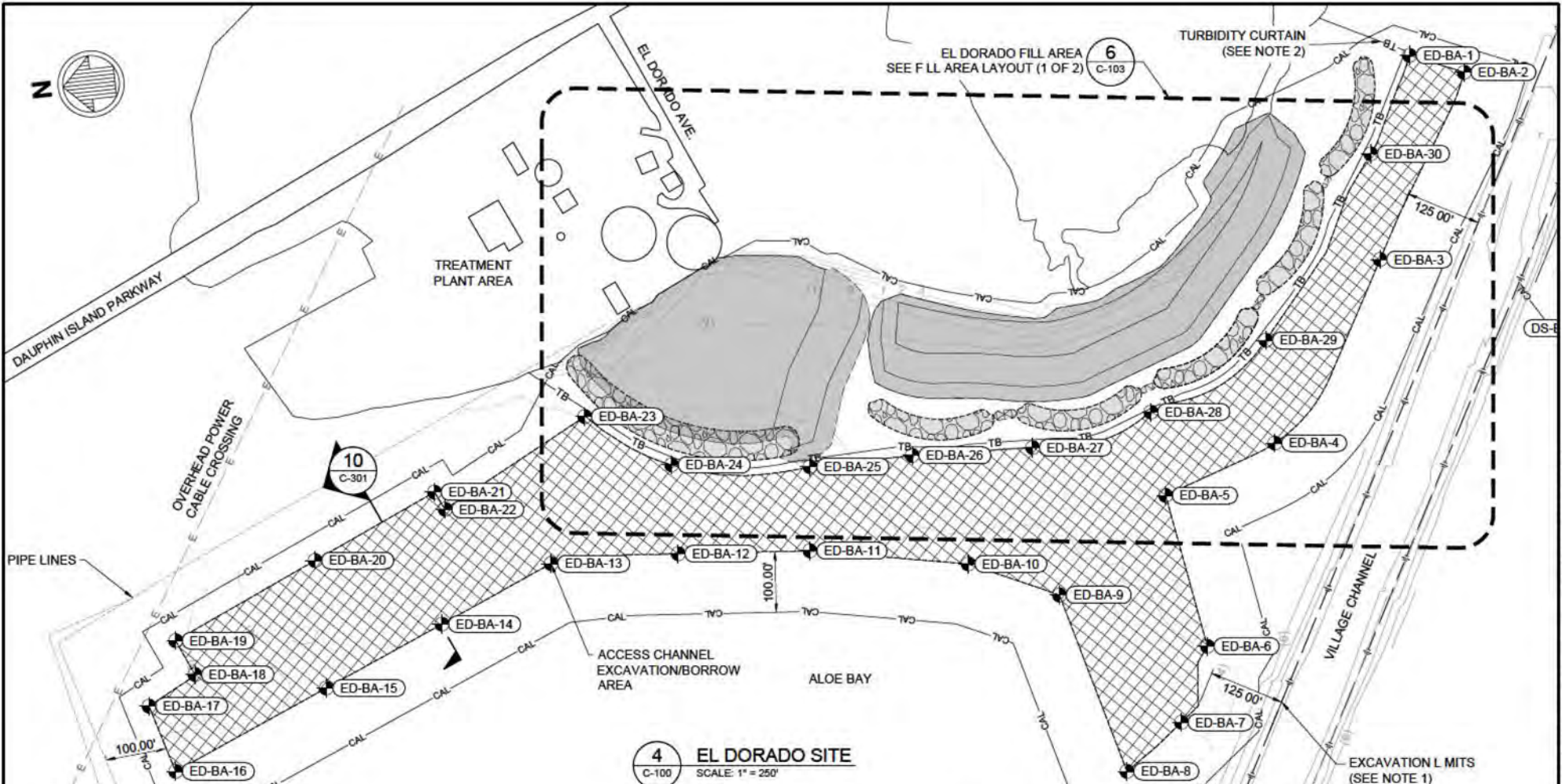


— Limits of Disturbance



BY	DESCRIPTION	DATE	 <b>moffatt &amp; nichol</b> 11 N. WATER STREET, SUITE 20220 MOBILE, AL 36602 251-378-9000	<b>TOWN OF DAUPHIN ISLAND</b>  1011 BIENVILLE BLVD. DAUPHIN ISLAND, AL 36528	<b>TOWN OF DAUPHIN ISLAND</b> <b>ALO E BAY LIVING SHORELINE</b> <b>PROJECTS</b>		<b>PROJECT LAYOUT</b>	
						NFWF PROJECT NUMBER: 74361 M&N PROJECT NUMBER: 212946	DATE: 2023-03-21	SHEET REF. No.: C-100 SHEET 12 OF 28
DRAWN BY: JAD			DESIGNED BY: GS	APPROVED BY: JS				



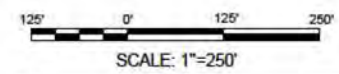


**NOTES:**

- NO DREDGING/EXCAVATION WITHIN 100' OF EXISTING PIPELINES AND WITHIN 125' OF THE V LLAGE CHANNEL LIMITS BOUNDARY (ASSUMED TOP OF SLOPE).
- TURBIDITY CURTAINS TO BE DEPLOYED AROUND PERIMETER OF LIVING SHORELINE SITES AS NECESSARY TO CONTROL TURBIDITY PLUMES. ALIGNMENT SHOWN FOR ILLUSTRATION ONLY.

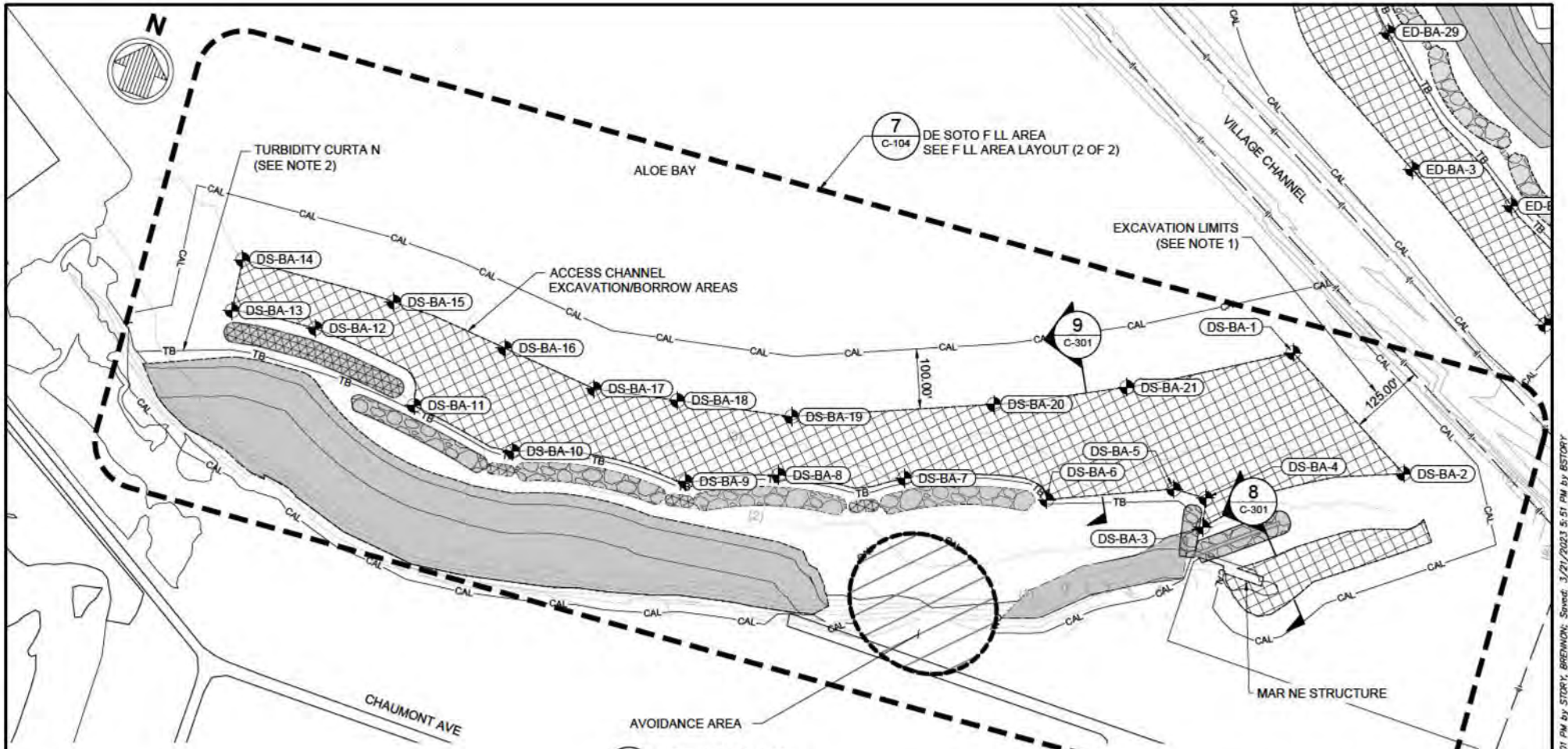
**LEGEND:**

- (3) BATHYMETRY CONTOURS
- PROPOSED REEF BREAKWATER
- PROPOSED SHORELINE RESTORATION FILL
- PROPOSED ACCESS CHANNEL/BORROW AREA
- PROPOSED BREAKWATER
- ED-BA-# EL DORADO BORROW AREA WORKING POINT
- CHANNEL LIMITS
- OVERHEAD POWER CABLE CROSSING
- PIPELINES
- APPROX EXIST. SHORELINE
- CONSTRUCTION ACTIVITY LIMITS
- TURBIDITY CURTAIN



BY	DESCRIPTION	DATE	 <b>moffatt &amp; nichol</b> 11 N. WATER STREET, SUITE 20220 MOBILE, AL 36602 251-378-9000	<b>TOWN OF DAUPHIN ISLAND</b>  1011 BIENVILLE BLVD. DAUPHIN ISLAND, AL 36528	<b>TOWN OF DAUPHIN ISLAND</b> <b>ALO E BAY LIVING SHORELINE</b> <b>PROJECTS</b>		<b>BORROW AREA LAYOUT</b> <b>AND TOPOGRAPHY (1 OF 2)</b>	
					NFWF PROJECT NUMBER: 74361		DATE: 2023-03-21	SHEET REF. No.: C-101  SHEET 13 OF 28
DRAWN BY: JAD			DESIGNED BY: GS	APPROVED BY: JS	M&N PROJECT NUMBER: 212946			

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**NOTES:**

1. NO DREDGING/EXCAVATION WITHIN 100' OF EXISTING PELLES AND WITHIN 125' OF THE VILLAGE CHANNEL LIMITS BOUNDARY (ASSUMED TOP OF SLOPE).
2. TURBIDITY CURTAINS TO BE DEPLOYED AROUND PERIMETER OF LIVING SHORELINE SITES AS NECESSARY TO CONTROL TURBIDITY PLUMES. ALIGNMENT SHOWN FOR ILLUSTRATION ONLY.

**LEGEND:**

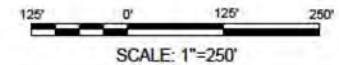
- (3) BATHYMETRY CONTOURS
- PROPOSED ACCESS CHANNEL/BORROW AREA
- RESOURCE AVOIDANCE AREA
- PROPOSED REEF BREAKWATER
- PROPOSED SHORELINE RESTORATION FILL
- PROPOSED BREAKWATER
- DS-BA-# DE SOTO BORROW AREA WORKING POINT
- CHANNEL LIMITS
- OVERHEAD POWER CABLE CROSSING
- PIPELINES
- APPROX EXIST. SHORELINE
- CONSTRUCTION ACTIVITY LIMITS
- TURBIDITY CURTAIN

**5 DE SOTO SITE**  
SCALE: 1" = 250'

**7**  
C-104 DE SOTO FLL AREA  
SEE FLL AREA LAYOUT (2 OF 2)

**9**  
C-301

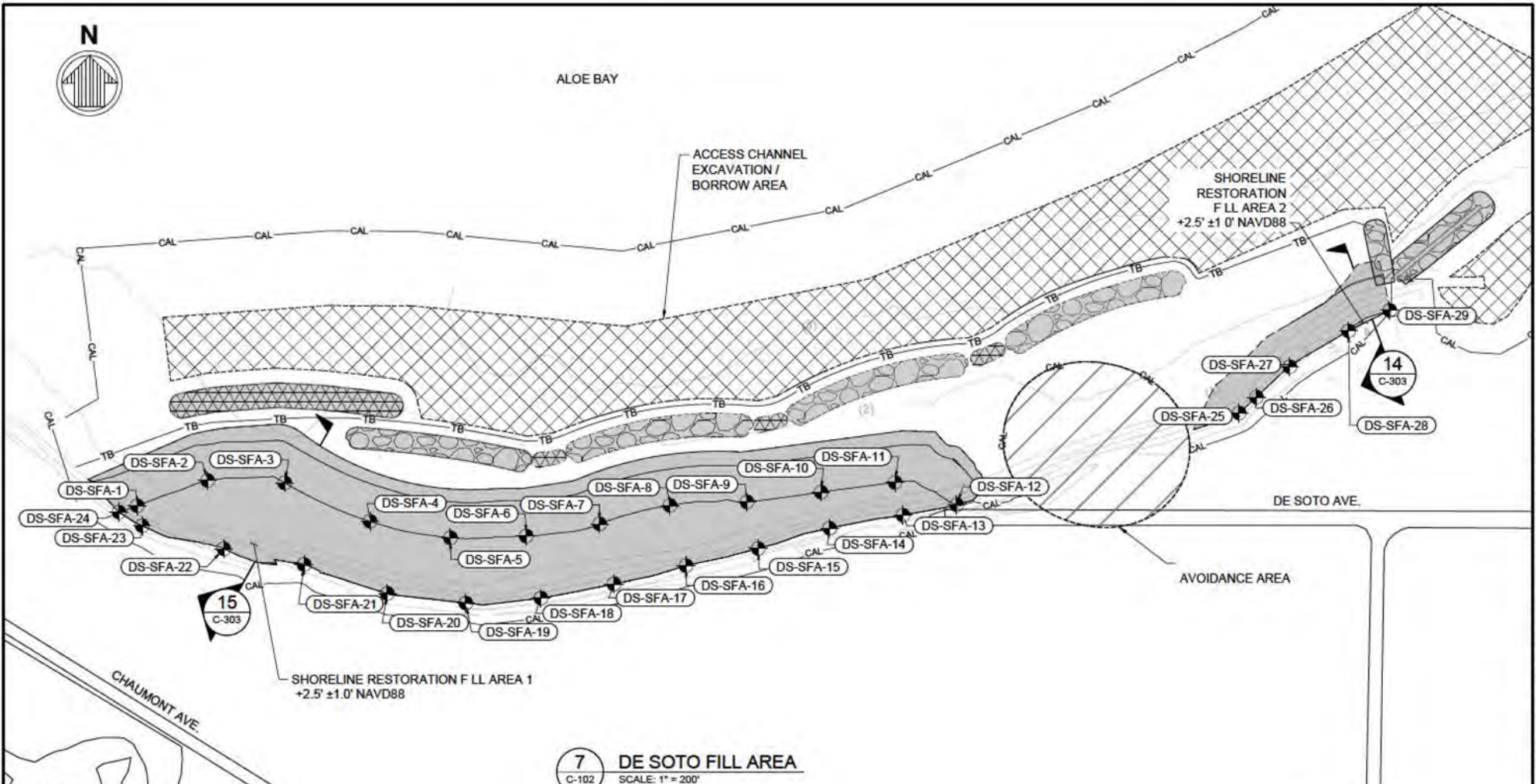
**8**  
C-301



BY	DESCRIPTION	DATE	 <b>moffatt &amp; nichol</b> 11 N. WATER STREET, SUITE 20220 MOBILE, AL 36602 251-378-9000	<b>TOWN OF DAUPHIN ISLAND</b>  1011 BIENVILLE BLVD. DAUPHIN ISLAND, AL 36528	<b>TOWN OF DAUPHIN ISLAND</b> <b>ALOEO BAY LIVING SHORELINE</b> <b>PROJECTS</b>		<b>BORROW AREA LAYOUT</b> <b>AND TOPOGRAPHY (2 OF 2)</b>	
					NFWF PROJECT NUMBER: 74361		DATE: 2023-03-21	SHEET REF. No.: C-102  SHEET 14 OF 28
DRAWN BY: JAD			DESIGNED BY: GS	APPROVED BY: JS	M&N PROJECT NUMBER: 212946			

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**7 DE SOTO FILL AREA**  
 C-102 SCALE: 1" = 200'

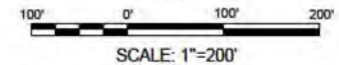
**NOTES:**

1. NO DREDGING/EXCAVATION WITHIN 100' OF EXISTING PIPELINES AND WITHIN 125' OF THE VILLAGE CHANNEL LIMITS. BOUNDARY (ASSUMED TOP OF SLOPE).
2. TURBIDITY CURTAINS TO BE DEPLOYED AROUND PERIMETER OF LIVING SHORELINE SITES AS NECESSARY TO CONTROL TURBIDITY PLUMES. ALIGNMENT SHOWN FOR ILLUSTRATION ONLY.

**LEGEND:**

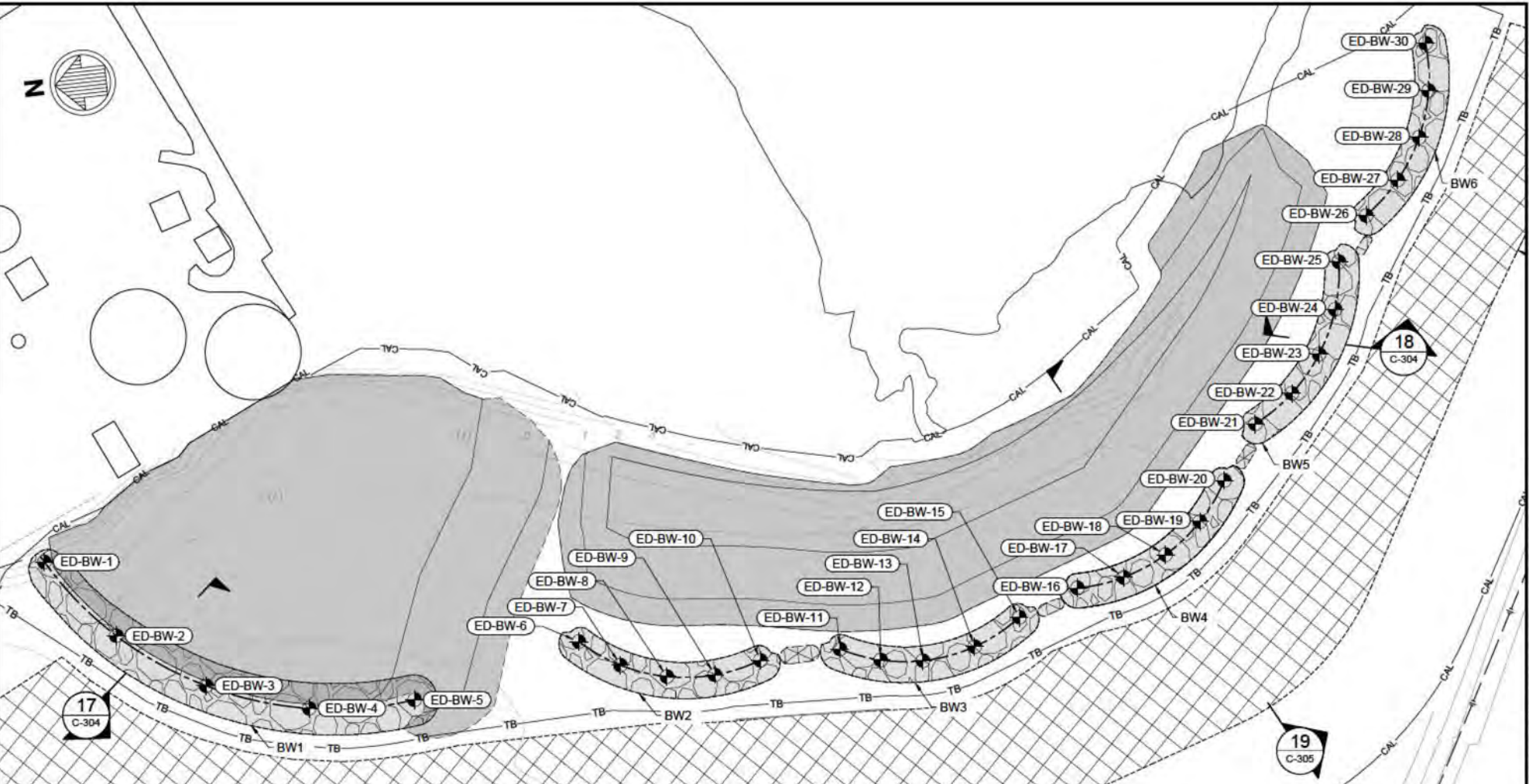
- (3) BATHYMETRY CONTOURS
- PROPOSED REEF BREAKWATER
- PROPOSED SHORELINE RESTORATION FILL
- PROPOSED ACCESS CHANNEL/BORROW AREA
- PROPOSED BREAKWATER

- RESOURCE AVOIDANCE AREA
- DS-SFA-# DE SOTO SHORELINE RESTORATION WORKING POINT
- APPROX EXIST. SHORELINE
- CAL CONSTRUCTION ACTIVITY LIMITS
- TB TURBIDITY CURTAIN



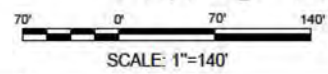
BY	DESCRIPTION	DATE	 <b>moffatt &amp; nichol</b> 11 N. WATER STREET, SUITE 20220 MOBILE, AL 36602 251-378-9000	<b>TOWN OF DAUPHIN ISLAND</b>  1011 BIENVILLE BLVD. DAUPHIN ISLAND, AL 36528	<b>TOWN OF DAUPHIN ISLAND</b> <b>ALO E BAY LIVING SHORELINE</b> <b>PROJECTS</b>		<b>FILL AREA LAYOUT (2 OF 2)</b>	
					NFWF PROJECT NUMBER: 74361		DATE: 2023-03-21	SHEET REF. No.: C-104
DRAWN BY: JAD			DESIGNED BY: GS	APPROVED BY: JS	M&N PROJECT NUMBER: 212946		SHEET 16 OF 28	

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- NOTES:**
- NO DREDGING/EXCAVATION WITHIN 100' OF EXISTING P PEL NES AND WITHIN 125' OF THE V LLAGE CHANNEL LIMITS. BOUNDARY (ASSUMED TOP OF SLOPE).
  - TURBIDITY CURTAINS TO BE DEPLOYED AROUND PERIMETER OF LIVING SHORELINE SITES AS NECESSARY TO CONTROL TURBIDITY PLUMES. ALIGNMENT SHOWN FOR ILLUSTRATION ONLY.

- LEGEND:**
- (3) BATHYMETRY CONTOURS
  - PROPOSED ACCESS CHANNEL/BORROW AREA
  - PROPOSED REEF BREAKWATER
  - PROPOSED SHORELINE RESTORATION FILL
  - PROPOSED BREAKWATER
  - ED-BW-# EL DORADO BREAKWATER WORK NG POINT
  - CHANNEL LIMITS
  - PIPELINES
  - APPROX EXIST. SHORE NE
  - CAL CONSTRUCTION ACTIVITY L MITS
  - TB TURB IDITY CURTA N



BY	DESCRIPTION	DATE

**moffatt & nichol**  
 11 N. WATER STREET, SUITE  
 20220 MOBILE, AL 36602  
 251-378-9000

**TOWN OF DAUPHIN ISLAND**

1011 BIENVILLE BLVD.  
 DAUPHIN ISLAND, AL 36528

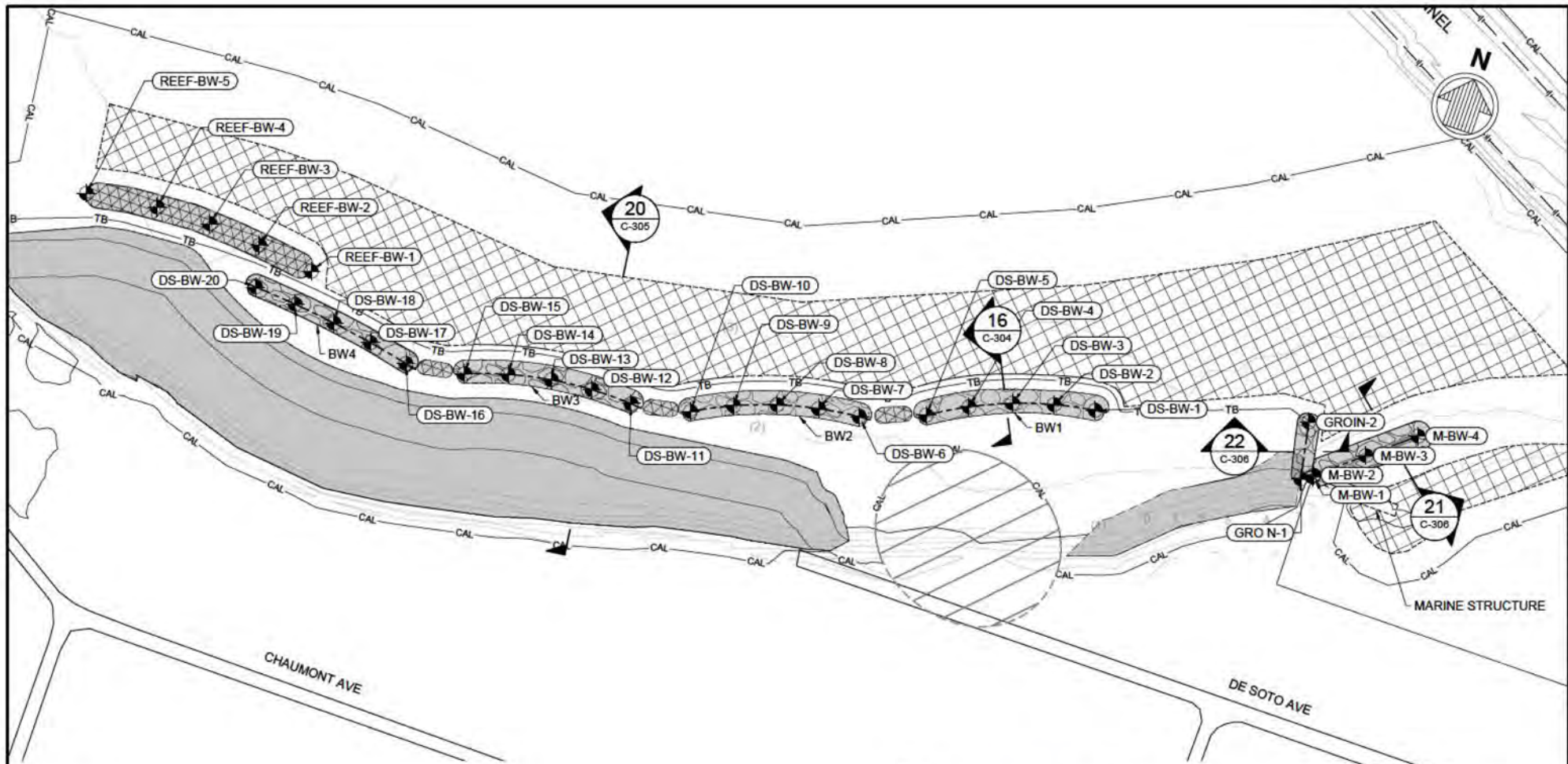
**TOWN OF DAUPHIN ISLAND  
 ALOE BAY LIVING SHORELINE  
 PROJECTS**

NFWF PROJECT NUMBER: 74361  
 M&N PROJECT NUMBER: 212946

**BREAKWATER LAYOUT  
 (1 OF 2)**

DATE: 2023-03-21  
 SHEET REF. No.: C-105  
 SHEET 17 OF 28

File: G:\BR\212946\20 CAD\01\_Active\Format\21294600-C-105\_Plotset\_3/21/2023 6:02 PM by STORY, BRENNON; Saved: 3/21/2023 1:09 PM by B1STORY



**NOTES:**

1. NO DREDGING/EXCAVATION WITHIN 100' OF EXISTING PEL NES AND WITHIN 125' OF THE V LLAGE CHANNEL LIMITS. BOUNDARY (ASSUMED TOP OF SLOPE).
2. TURBIDITY CURTAINS TO BE DEPLOYED AROUND PERIMETER OF LIVING SHORELINE SITES AS NECESSARY TO CONTROL TURBIDITY PLUMES. ALIGNMENT SHOWN FOR LLUSTRATION ONLY.

**LEGEND:**

(3) BATHYMETRY CONTOURS

PROPOSED ACCESS CHANNEL/BORROW AREA

PROPOSED REEF BREAKWATER

PROPOSED SHORELINE RESTORATION FILL

PROPOSED BREAKWATER

RESOURCE AVO DANCE AREA

DS-BW-# DE SOTO BREAKWATER WORKING POINT

REEF-BW-# REEF BREAKWATER WORKING POINT

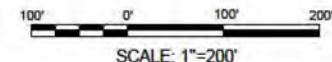
GROIN-BW-# GROIN WORKING POINT

M-BW-# MARINA BREAKWATER WORKING POINT

APPROX EXIST. SHORELINE

CAL CONSTRUCTION ACTIVITY LIMITS

TB TURBIDITY CURTAIN



BY	DESCRIPTION	DATE

**moffatt & nichol**  
11 N. WATER STREET, SUITE  
20220 MOBILE, AL 36602  
251-378-9000

**TOWN OF DAUPHIN ISLAND**  
1011 BIENVILLE BLVD.  
DAUPHIN ISLAND, AL 36528

**TOWN OF DAUPHIN ISLAND  
ALOE BAY LIVING SHORELINE  
PROJECTS**  
NFWF PROJECT NUMBER: 74361  
M&N PROJECT NUMBER: 212946

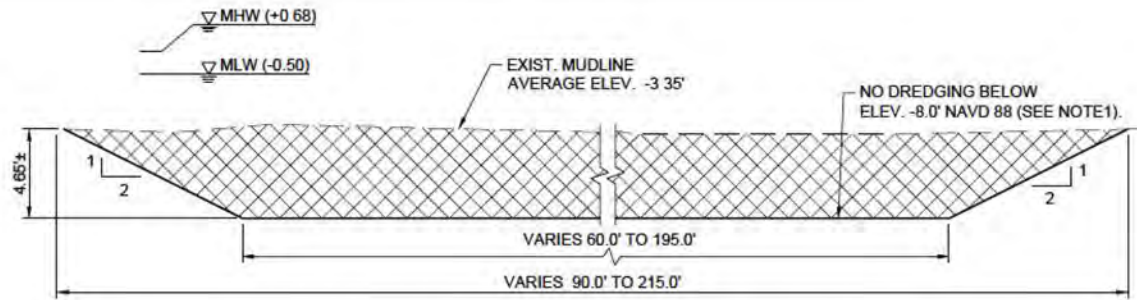
**BREAKWATER LAYOUT  
(2 OF 2)**  
DATE: 2023-03-21  
SHEET REF. No.: C-106  
SHEET 18 OF 28

DRAWN BY: JAD

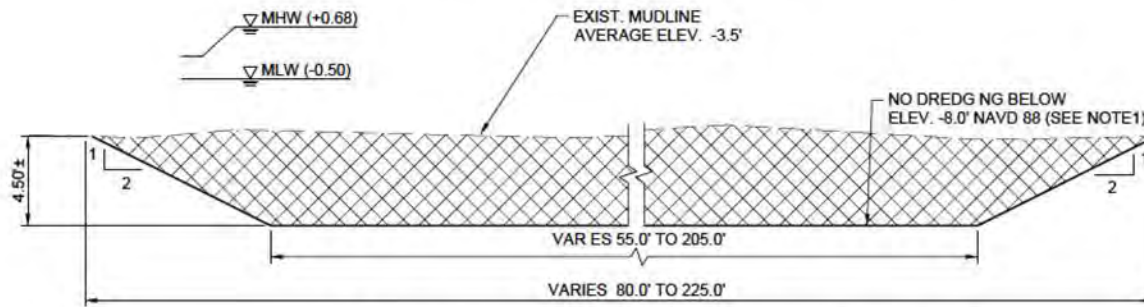
DESIGNED BY: GS

APPROVED BY: JS

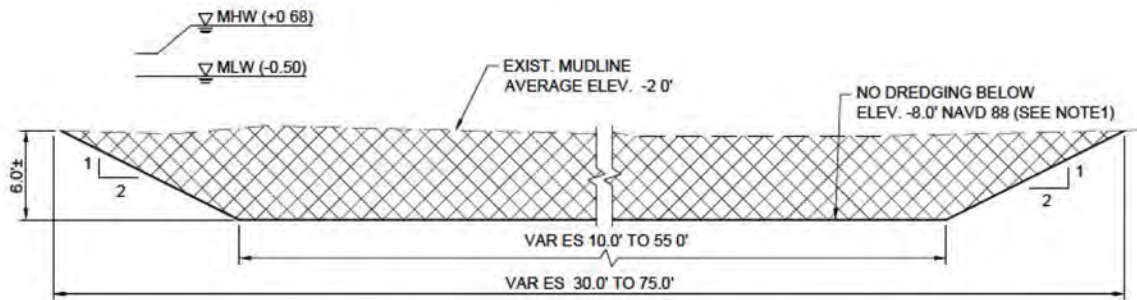
File: G:\B\212946\20 CAD\1\_Active\_Permit\21294600-C-106\_Plot.dwg, 3/21/2023 6:02 PM by STORY, BRENNON; Saved: 3/21/2023 1:11 PM by B STORY



**10** BORROW AREA TYPICAL SECTION - EL DORADO  
C-101 SCALE: 1" = 10'



**9** BORROW AREA TYPICAL SECTION - DE SOTO SITE 1  
C-102 SCALE: 1" = 10'



**8** BORROW AREA TYPICAL SECTION - DE SOTO SITE 2  
C-102 SCALE: 1" = 10'


**NOTES:**

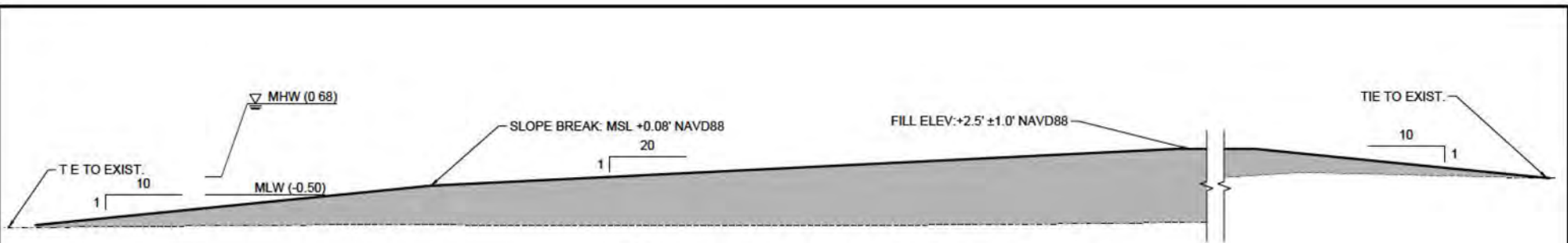
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**LEGEND:**

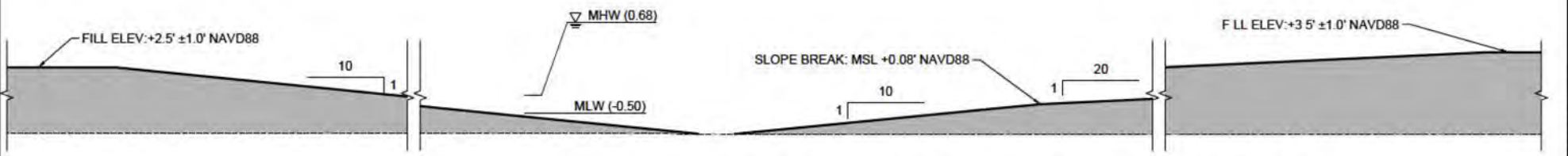
- EXIST. MUDLINE
- DREDGE TEMPLATE
- ▨ ALLOWABLE DREDGING PRISM



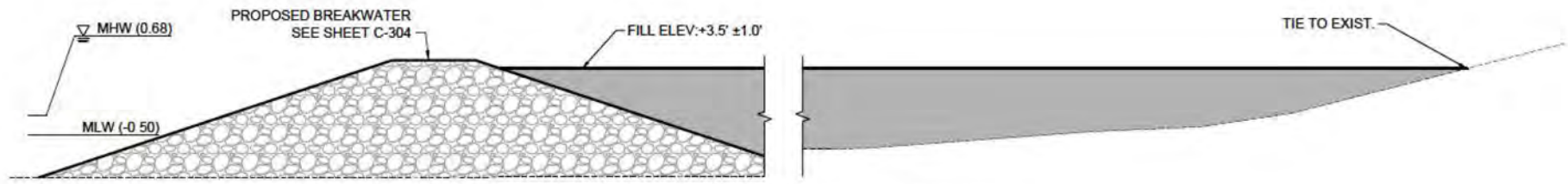
BY	DESCRIPTION	DATE	 <b>moffatt &amp; nichol</b> 11 N. WATER STREET, SUITE 20220 MOBILE, AL 36602 251-378-9000	<b>TOWN OF DAUPHIN ISLAND</b>  1011 BIENVILLE BLVD. DAUPH N ISLAND, AL 36528	<b>TOWN OF DAUPHIN ISLAND          ALOE BAY LIVING SHORELINE          PROJECTS</b>		<b>ACCESS CHANNEL          EXCAVATION AND          BORROW AREA          SECTIONS (1 OF 1)</b>	
					NFWF PROJECT NUMBER: 74361		DATE:	SHEET REF. No.: C-301
DRAWN BY: JAD			DESIGNED BY: GS	APPROVED BY: JS	M&N PROJECT NUMBER: 212946		2023-03-21	SHEET 19 OF 28



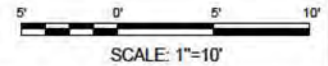
13 TYPICAL EL DORADO SHORELINE FILL SECTION  
 C-103 SCALE: 1" = 10'




12 TYPICAL EL DORADO BEACH TRANSITION TO UPLAND FILL SECTION  
 C-103 SCALE: 1" = 10'



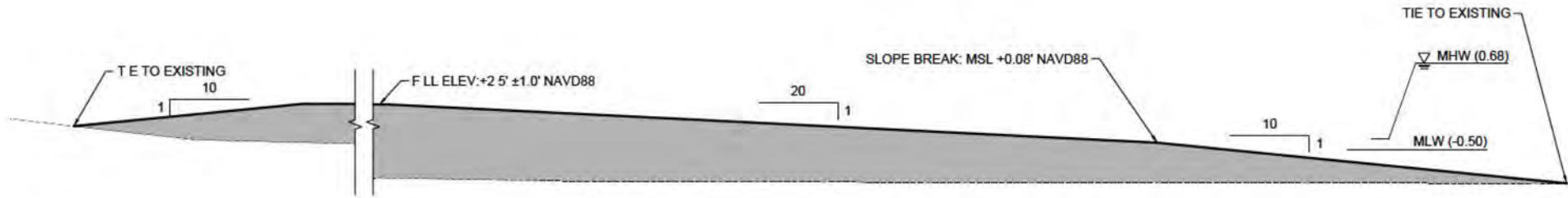
11 TYPICAL UPLAND FILL SECTION  
 C-103 SCALE: 1" = 10'



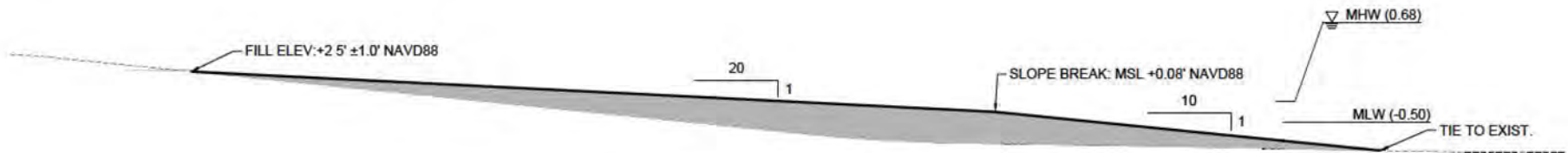
BY	DESCRIPTION	DATE	 <b>moffatt &amp; nichol</b> 11 N. WATER STREET, SUITE 20220 MOBILE, AL 36602 251-378-9000	<b>TOWN OF DAUPHIN ISLAND</b>  1011 BIENVILLE BLVD. DAUPHIN ISLAND, AL 36528	<b>TOWN OF DAUPHIN ISLAND</b> <b>ALOE BAY LIVING SHORELINE</b> <b>PROJECTS</b>	<b>FILL AREA SECTIONS</b> <b>(1 OF 2)</b>		
								NFWF PROJECT NUMBER: 74361
DRAWN BY: JAD	DESIGNED BY: GS	APPROVED BY: JS				M&N PROJECT NUMBER: 212946	SHEET 20 OF 28	

File: G:\BAY212946\20 CAD\121294600-C-002\_PlotArea\_Permit\121294600-C-002\_PlotArea\_Permit.dwg, 3/21/2023 6:03 PM by STORV, BRENNON; Sheet: 3/21/2023 12:45 PM by BSTORY

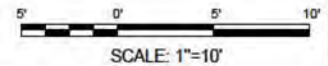





**15** TYPICAL DE SOTO SHORELINE FILL SITE 1 SECTION  
 C-104 SCALE: 1" = 10'

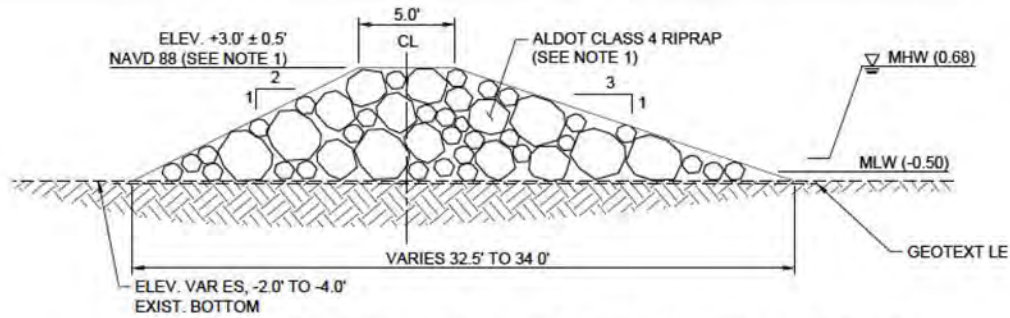


**14** TYPICAL DE SOTO SHORELINE FILL SITE 2 SECTION  
 C-104 SCALE: 1" = 10'

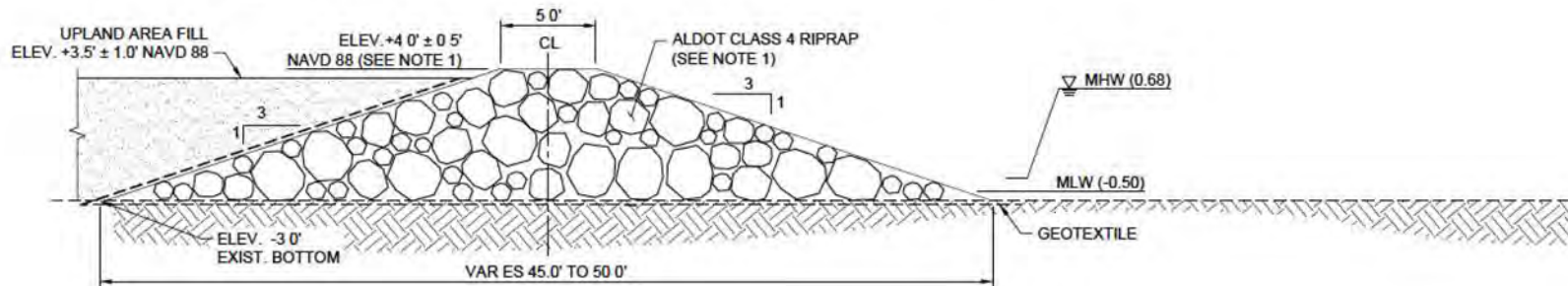


BY	DESCRIPTION	DATE	 <b>moffatt &amp; nichol</b> 11 N. WATER STREET, SUITE 20220 MOBILE, AL 36602 251-378-9000	<b>TOWN OF DAUPHIN ISLAND</b>  1011 BIENVILLE BLVD. DAUPH N ISLAND, AL 36528	<b>TOWN OF DAUPHIN ISLAND</b> <b>ALOE BAY LIVING SHORELINE</b> <b>PROJECTS</b>		<b>FILL AREA SECTIONS</b> <b>(2 OF 2)</b>	
					NFWF PROJECT NUMBER: 74361		DATE:	SHEET REF. No.: C-303
DRAWN BY: JAD			DESIGNED BY: GS	APPROVED BY: JS	M&N PROJECT NUMBER: 212946		2023-03-21	SHEET 21 OF 28

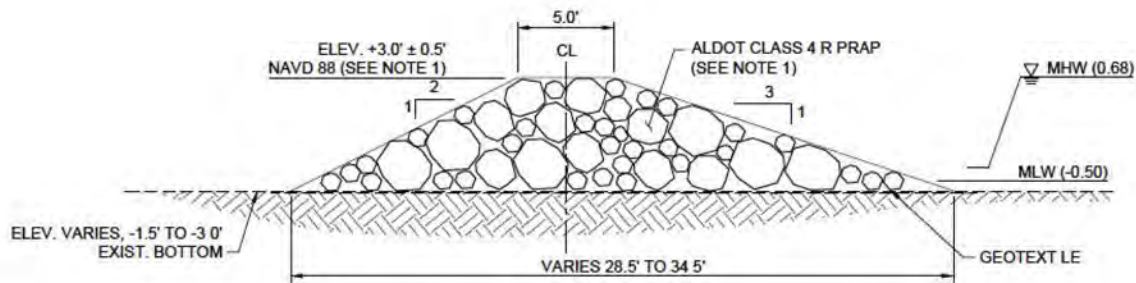
File: G:\BAY\212946\20 CAD\1\21294600-C-303\_Plot.dwg, 3/21/2023 6:03 PM by STORV, BRENNON; Saved: 3/21/2023 12:50 PM by BSTORY



**18** PROPOSED BREAKWATER TYPICAL SECTION - EL DORADO  
C-105 SCALE: 1" = 10'



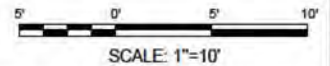
**17** PROPOSED BREAKWATER TYPICAL SECTION - EL DORADO AT UPLAND FILL  
C-105 SCALE: 1" = 10'




**16** PROPOSED BREAKWATER TYPICAL SECTION - DE SOTO  
C-106 SCALE: 1" = 10'

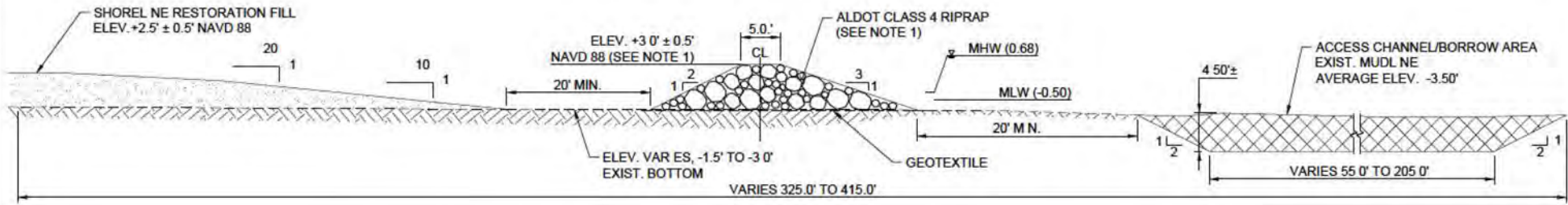
**NOTES:**

- BREAKWATER DESIGN IS BASED ON 30% DESIGN CALCULATIONS. SUBJECT TO CHANGE AS DESIGN PROGRESSES. CHANGES WILL NOT INCREASE AREA OF IMPACT.
- BREAKWATER WORKING POINTS ARE ALIGNED WITH THE CENTERLINE OF BREAKWATER.

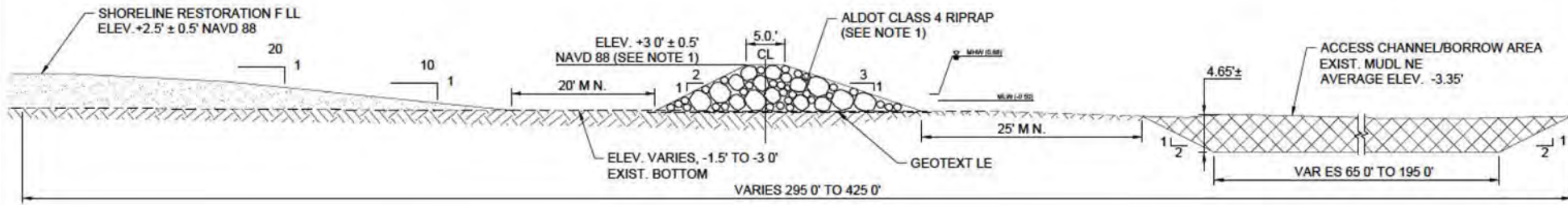


BY	DESCRIPTION	DATE	TOWN OF DAUPHIN ISLAND		TOWN OF DAUPHIN ISLAND ALOE BAY LIVING SHORELINE PROJECTS		BREAKWATER SECTIONS (1 OF 3)	
			 <b>moffatt &amp; nichol</b> 11 N. WATER STREET, SUITE 20220 MOBILE, AL 36602 251-378-9000	1011 BIENVILLE BLVD. DAUPHIN ISLAND, AL 36528	NFWF PROJECT NUMBER: 74361		DATE:	SHEET REF. No.: C-304
					M&N PROJECT NUMBER: 212946		2023-03-21	SHEET 22 OF 28
DRAWN BY: JAD			DESIGNED BY: GS	APPROVED BY: JS				

File: G:\B\212946\20 CAD\1\21294600-C-304\_Plot.dwg Plotter: J/21/2023 6:03 PM by STORV, BRENNON, Saved: J/21/2023 1:12 PM by BSTORY

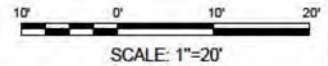



**20** PROPOSED BREAKWATER TYPICAL SECTION - DE SOTO AT SHORELINE FILL  
 C-106 SCALE: 1"=20'



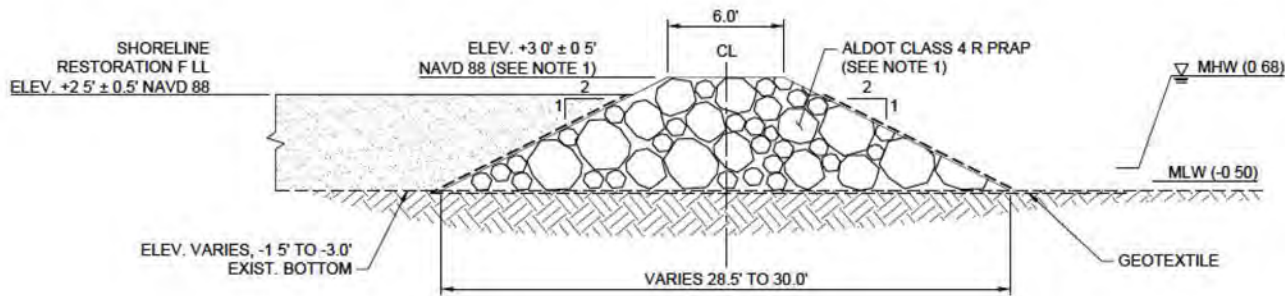
**19** PROPOSED BREAKWATER TYPICAL SECTION- EL DORADO AT SHORELINE FILL  
 C-105 SCALE: 1"=20'

- NOTES:**
- BREAKWATER DESIGN IS BASED ON 30% DESIGN CALCULATIONS. SUBJECT TO CHANGE AS DESIGN PROGRESSES. CHANGES WILL NOT INCREASE AREA OF IMPACT.
  - BREAKWATER WORKING POINTS ARE ALIGNED WITH THE CENTERLINE OF BREAKWATER.

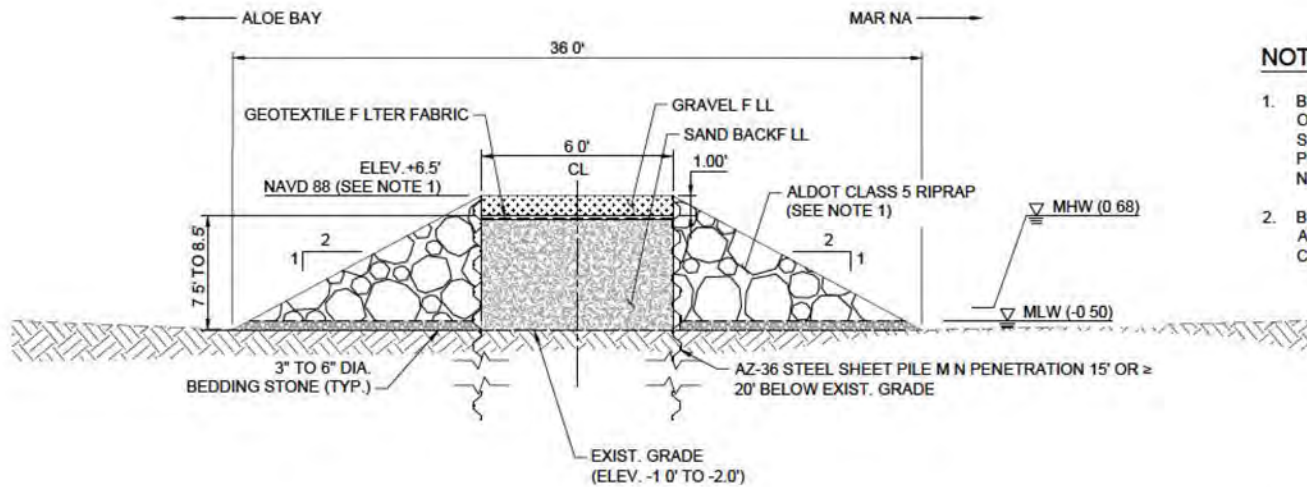


BY	DESCRIPTION	DATE	 <b>moffatt &amp; nichol</b> 11 N. WATER STREET, SUITE 20220 MOBILE, AL 36602 251-378-9000	<b>TOWN OF DAUPHIN ISLAND</b>  1011 BIENVILLE BLVD. DAUPHIN ISLAND, AL 36528	<b>TOWN OF DAUPHIN ISLAND</b> <b>ALOE BAY LIVING SHORELINE PROJECTS</b>		<b>BREAKWATER SECTIONS (2 OF 3)</b>	
					NFWF PROJECT NUMBER: 74361		DATE: 2023-03-21	SHEET REF. No.: C-305
DRAWN BY: JAD			DESIGNED BY: GS	APPROVED BY: JS	M&N PROJECT NUMBER: 212946		SHEET 23 OF 28	

File: G:\B\F\212946\20 CAD\1\_Active\_Permit\21294600-C-305\_PlotArea\_3/21/2023 6:03 PM by STORV, BRENNON; Sheet: 3/21/2023 12:54 PM by BSTORY



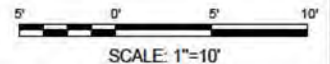
**22** PROPOSED GROIN TYPICAL SECTION  
 C-106 SCALE: 1"=10'




**21** PROPOSED BREAKWATER TYPICAL SECTION - MARINA  
 C-106 SCALE: 1"=10'

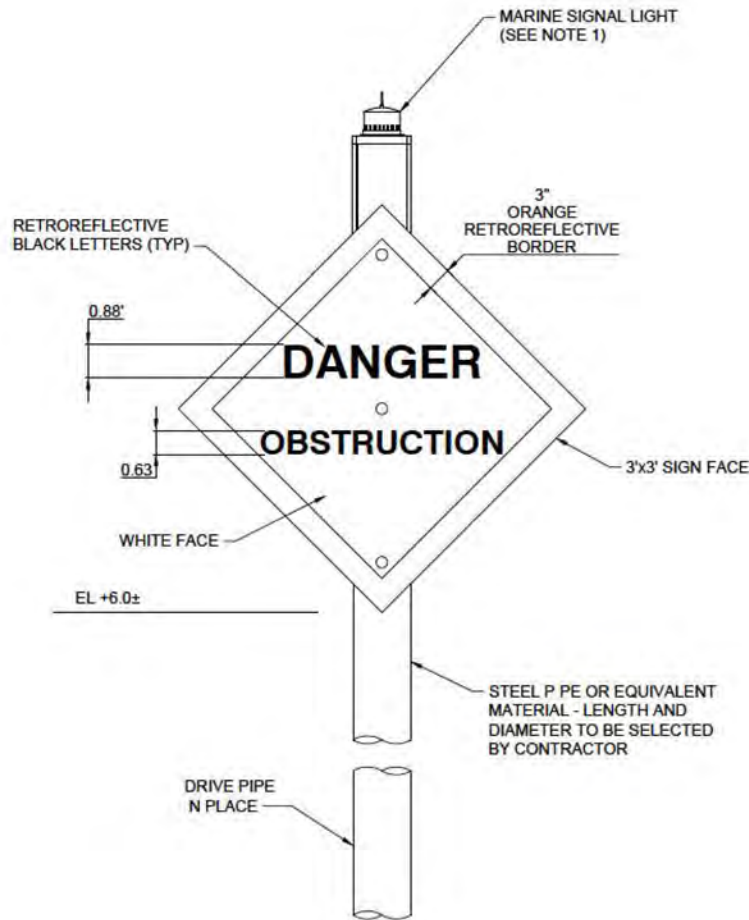
**NOTES:**

- BREAKWATER DESIGN IS BASED ON 30% DESIGN CALCULATIONS. SUBJECT TO CHANGE AS DESIGN PROGRESSES. CHANGES WILL NOT INCREASE AREA OF IMPACT.
- BREAKWATER WORKING POINTS ARE ALIGNED WITH THE CENTERLINE OF BREAKWATER.



BY	DESCRIPTION	DATE	 <b>moffatt &amp; nichol</b> 11 N. WATER STREET, SUITE 20220 MOBILE, AL 36602 251-378-9000	<b>TOWN OF DAUPHIN ISLAND</b> 1011 BIENVILLE BLVD. DAUPH N ISLAND, AL 36528	<b>TOWN OF DAUPHIN ISLAND</b> <b>ALOEO BAY LIVING SHORELINE PROJECTS</b>	<b>BREAKWATER SECTIONS (3 OF 3)</b>	
						NFWF PROJECT NUMBER: 74361 M&N PROJECT NUMBER: 212946	DATE: 2023-03-21
DRAWN BY: JAD			DESIGNED BY: GS	APPROVED BY: JS			


File: G:\B\212946\20 CAD\1\_Active\_Permit\21294600-C-106\_Plot.dwg Plotred: 3/21/2023 6:03 PM by STORV, BRENNON; Sheet: 3/21/2023 12:55 PM by BSTORY



**23** WARNING SIGN DETAIL  
C-501 SCALE: NTS

**NOTES:**

1. MARINE SIGNAL LIGHT SHALL BE A SEALITE SL-15 1-2NM+ OR EQUIVALENT. EQUIVALENT MARINE SIGNAL LIGHT SHALL MEET REQUIREMENTS OF CFR TITLE 33, SUBPART 67.30 FOR CLASS "C" STRUCTURES.
2. CONTRACTOR SHALL COORDINATE WITH US COAST GUARD ON REQUIREMENTS OF TEMPORARY WARNING SIGNS AND LIGHTS, INCLUDING SIGN VERBIAGE AND PLACEMENT LOCATION, PRIOR TO INSTALLATION.
3. OTHER FORMS OF TEMPORARY WARNING SIGNS MAY BE USED WITH PRIOR APPROVAL OF US COAST GUARD AND ENGINEER'S REVIEW.
4. DURING CONSTRUCTION TEMPORARY WARNING SIGNS AND/OR BUOYS SHALL BE REQUIRED AS NECESSARY.
5. ALL SIGN FACES SHALL BE ORIENTED TO FACE PREDOMINANT APPROACH DIRECTION OF ONCOMING BOAT TRAFFIC.

BY	DESCRIPTION	DATE	 <b>moffatt &amp; nichol</b> 11 N. WATER STREET, SUITE 20220 MOBILE, AL 36602 251-378-9000	<b>TOWN OF DAUPHIN ISLAND</b>  1011 BIENVILLE BLVD. DAUPHIN ISLAND, AL 36528	<b>TOWN OF DAUPHIN ISLAND</b> <b>ALOE BAY LIVING SHORELINE</b> <b>PROJECTS</b>		<b>SIGNAGE</b>	
					NFWF PROJECT NUMBER: 74361	DATE:	SHEET REF. No.: C-501	
					M&N PROJECT NUMBER: 212946	2023-03-21	SHEET 25 OF 28	
DRAWN BY: JAD					DESIGNED BY: GS	APPROVED BY: JS		