

JOINT PUBLIC NOTICE

December 26, 2016

United States Army
Corps of Engineers
New Orleans District
Regulatory Branch
Post Office Box 60267
New Orleans, Louisiana 70160-0267

(504) 862-1280
brandon.d.gaspard@usace.army.mil
Project Manager
Mr. Brandon Gaspard
Permit Application Number
MVN 1998-03311-MG

State of Louisiana
Department of Environmental Quality
ATTN: Water Quality Certifications
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

(225) 219-3225
elizabeth.hill@la.gov
Project Manager
Ms. Elizabeth Hill
WQC Application Number
WQC 071005-01

Interested parties are hereby notified that a permit application has been received by the New Orleans District of the U.S. Army Corps of Engineers pursuant to: [X] Section 10 of the Rivers and Harbors Act of March 3, 1899 (30 Stat. 1151; 33 USC 403); and/or [X] Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344).

Application has also been made to the Louisiana Department of Environmental Quality, Water Quality Certifications, for a Water Quality Certification (WQC) in accordance with statutory authority contained in LRS30:2047 A(3), and provisions of Section 401 of the Clean Water Act (P.L.95-17).

TIME EXTENSION AND PERMIT MODIFICATION FOR CONSTRUCTION OF AN OFFLOADING FACILITY AND DREDGING IN CALCASIEU PARISH

NAME OF APPLICANT: Lake Charles Harbor & Terminal District, C/O Arabie Environmental Solutions, Inc., Post Office Box 928, Lake Charles, Louisiana 70602.

LOCATION OF WORK: In the Calcasieu Ship Channel, Section 17, Township 10 South, Range 9 West, at Lake Charles, Louisiana in Calcasieu Parish, as shown on the enclosed drawings.

Location: Latitude: 30.18637/Longitude: -93.30649 Hydrologic Unit Code: 08080206 – Calcasieu Ship Channel.

CHARACTER OF WORK: The applicant proposes a modification and time extension to MVN 1998-3311-WY. This modification and time extension was previously advertised on May 9, 2016. The applicant has provided an addendum to the previous application, and is proposing utilization of Corps Disposal Facility CDF-5, in lieu of CDF-7, at the request of the Corps of Engineers during the Section 408 review process. The proposed activity consists of construction offloading facilities and dredge activities at the Lake Charles Methanol project. The facility will consist of two 134' X 50' concrete areas with winch and bollard pads, as well as approximately 1,300' X 130' area of dredging along the existing bulkhead in the Calcasieu River Ship Channel. Approximately 67,358 cubic yards of dredge material will be removed from the site and placed in CDF-5. CDF-5 is an approximately 40 acre existing Corps Disposal Facility that contains both non-wetlands and jurisdictional wetlands.

The comment period for the Department of the Army Permit and the Louisiana Department of Environmental Quality WQC will close **20 days** from the date of this joint public notice. Written comments, including suggestions for modifications or objections to the proposed work, stating reasons thereof, are being solicited from anyone having interest in this permit and/or this WQC request and must be mailed so as to be received before or by the last day of the comment period. Letters concerning the Corps of Engineers permit application must reference the applicant's name and the Permit Application Number, and be mailed to the Corps of Engineers at the address above, **ATTENTION: REGULATORY BRANCH**. **Similar letters concerning the Water Quality Certification must reference the applicant's name and the WQC Application number and be mailed to the Louisiana Department of Environmental Quality at the address above.**

Individuals or parties may request an extension of time in which to comment on the proposed work by writing or e-mailing the Corps of Engineers Project Manager listed above. Any request must be specific and substantively supportive of the requested extension, and received by this office prior to the end of the initial comment period. The Section Chief will review the request and the requestor will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous to the initial comment period and, inclusive of the initial comment period, will not exceed a total of 30 calendar days.

The application for this proposed project is on file with the Louisiana Department of Environmental Quality and may be examined during weekdays between 8:00 a.m. and 4:30 p.m. Copies may be obtained upon payment of costs of reproduction.

Corps of Engineers Permit Criteria

The decision whether to issue a permit will be based on an evaluation of the probable impacts, 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, 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, considerations of property ownership and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers 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 U.S. Army Corps of Engineers to determine whether to make, 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 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.

The New Orleans District is unaware of properties listed on the National Register of Historic Places near the proposed work. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. Issuance of this public notice solicits input from the State Archeologist and State Historic Preservation Officer regarding potential impacts to cultural resources.

Our initial finding is that the proposed work is Not Likely to Adversely Affect any species listed as endangered by the U.S. Departments of Interior or Commerce, nor affect any habitat designated as critical to the survival and recovery of any endangered species.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal would result in the destruction or alteration of 0.0 acres of EFH utilized by various life stages of red drum and penaeid shrimp. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries in the Gulf of Mexico. 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.

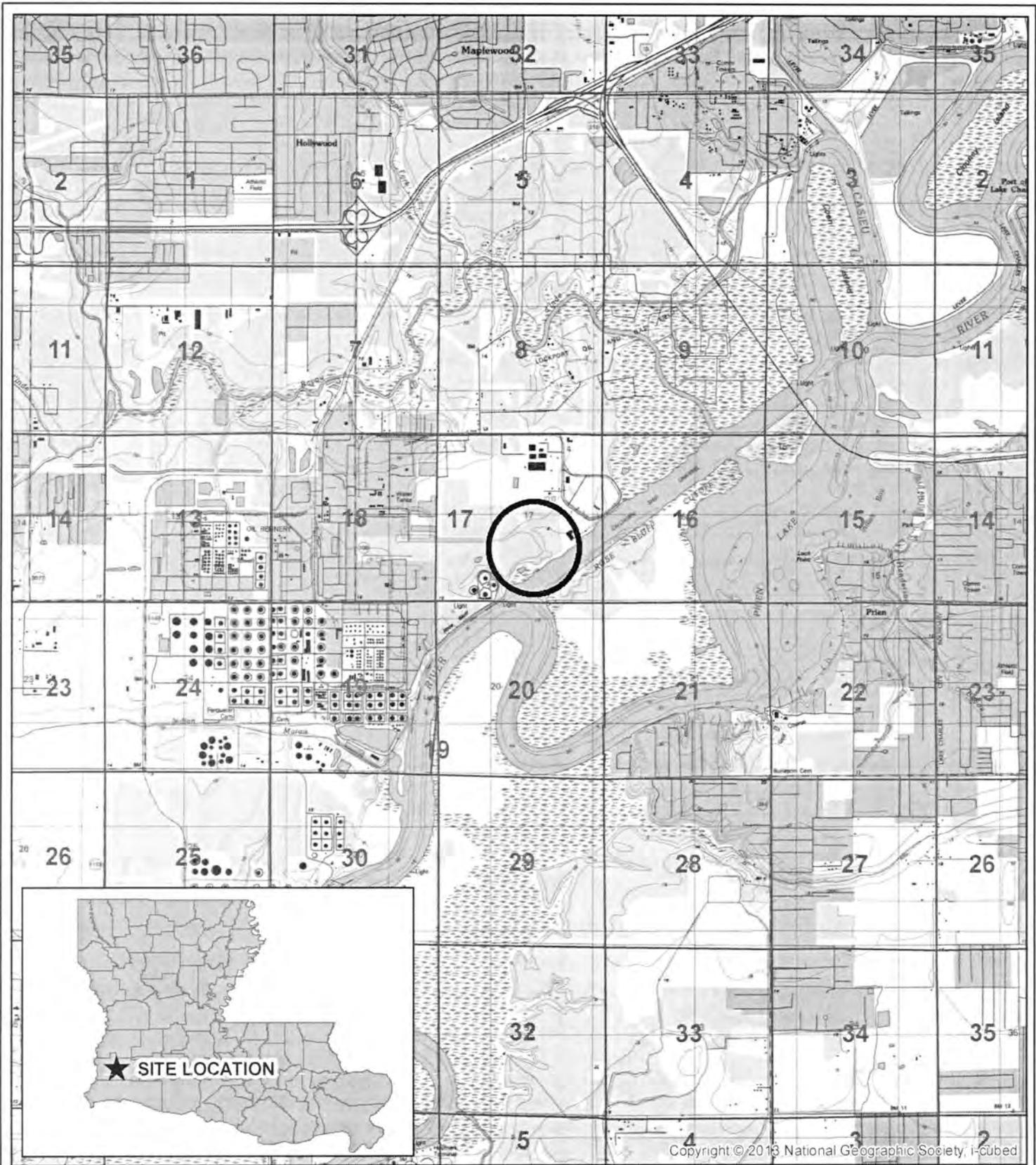
If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not violate applicable water quality standards will be required from the Department of Environmental Quality, Water Quality Certifications, before a permit is issued.

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.

You are requested to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

Mr. Darrell Barbara
Chief, Western Evaluation Section

Enclosure



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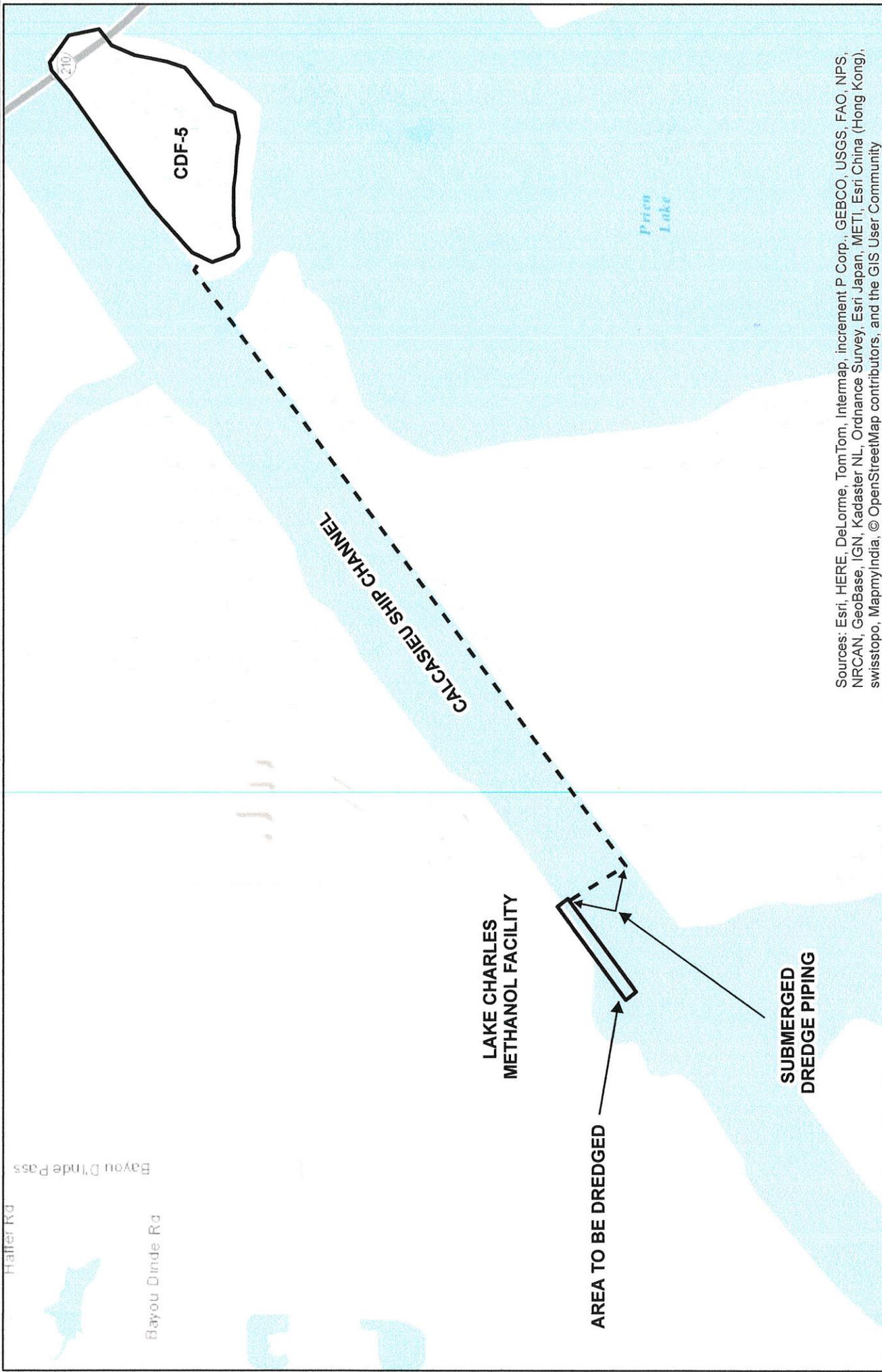
SITE LOCATION
SECTION LOCATION & ID



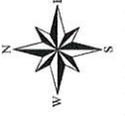
ARABIE ENVIRONMENTAL SOLUTIONS	LAKE CHARLES METHANOL SULPHUR, LOUISIANA
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**FIGURE 1 OF 7
 SITE LOCATION MAP
 PERMIT APPLICATION
 OFFLOADING FACILITY**

Drawn By: JRK	Date: 02/22/16	AES Project # 11453
Checked By: CBJ	Date: 02/22/16	Revised: 03/14/16



Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



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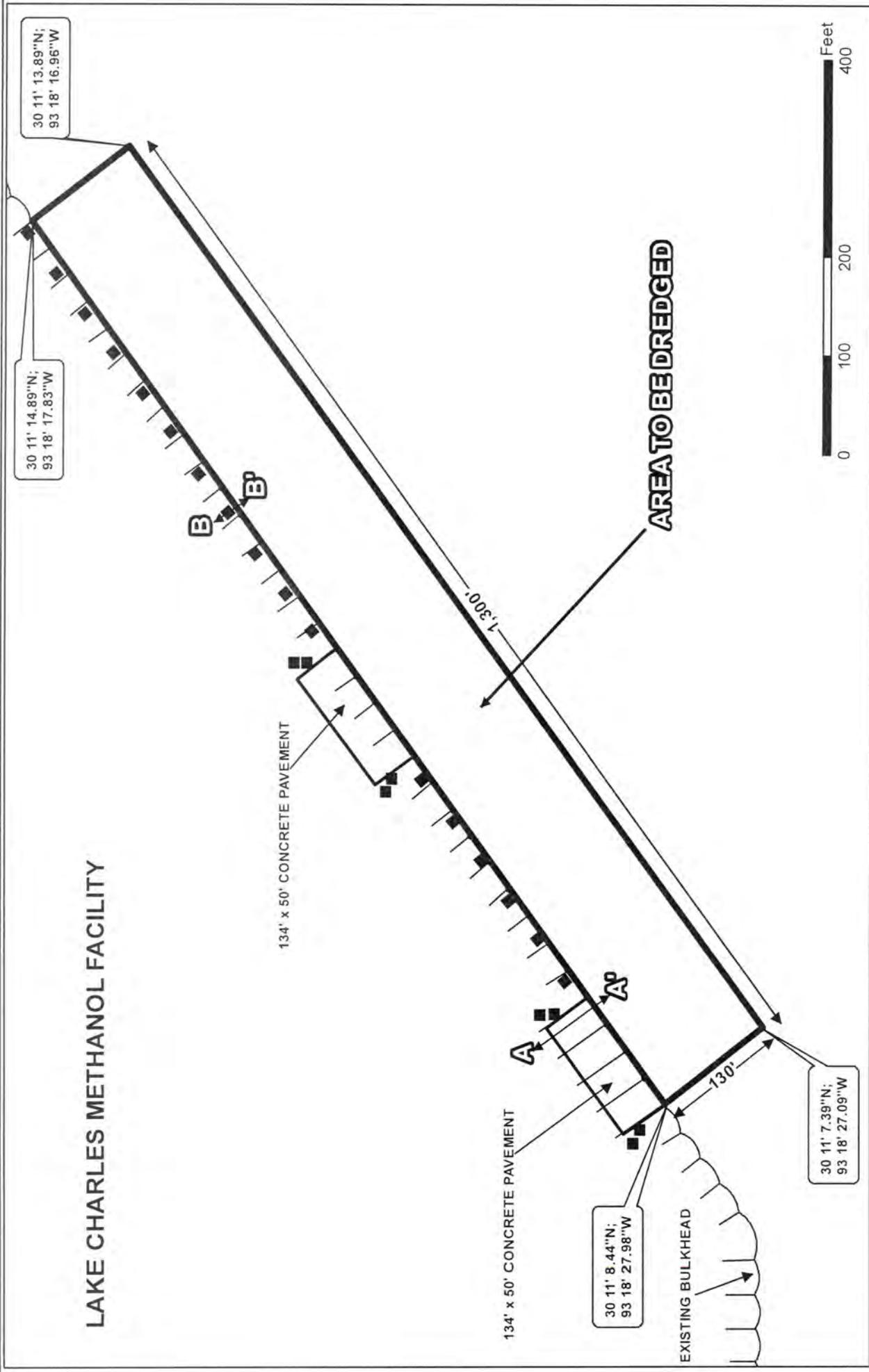
LAKE CHARLES METHANOL SULPHUR, LOUISIANA

FIGURE 2 OF 7
AREA MAP
PERMIT APPLICATION
OFFLOADING FACILITY

Drawn By: CRH	Date: 7-12-16	AES Project # 11453
Checked By: CBJ	Date: 7-12-16	Revised:

Note: Dredge Spoils will be placed in Confined Disposal Facility 5 (CDF-5).

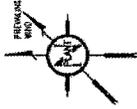
LAKE CHARLES METHANOL FACILITY



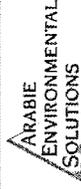
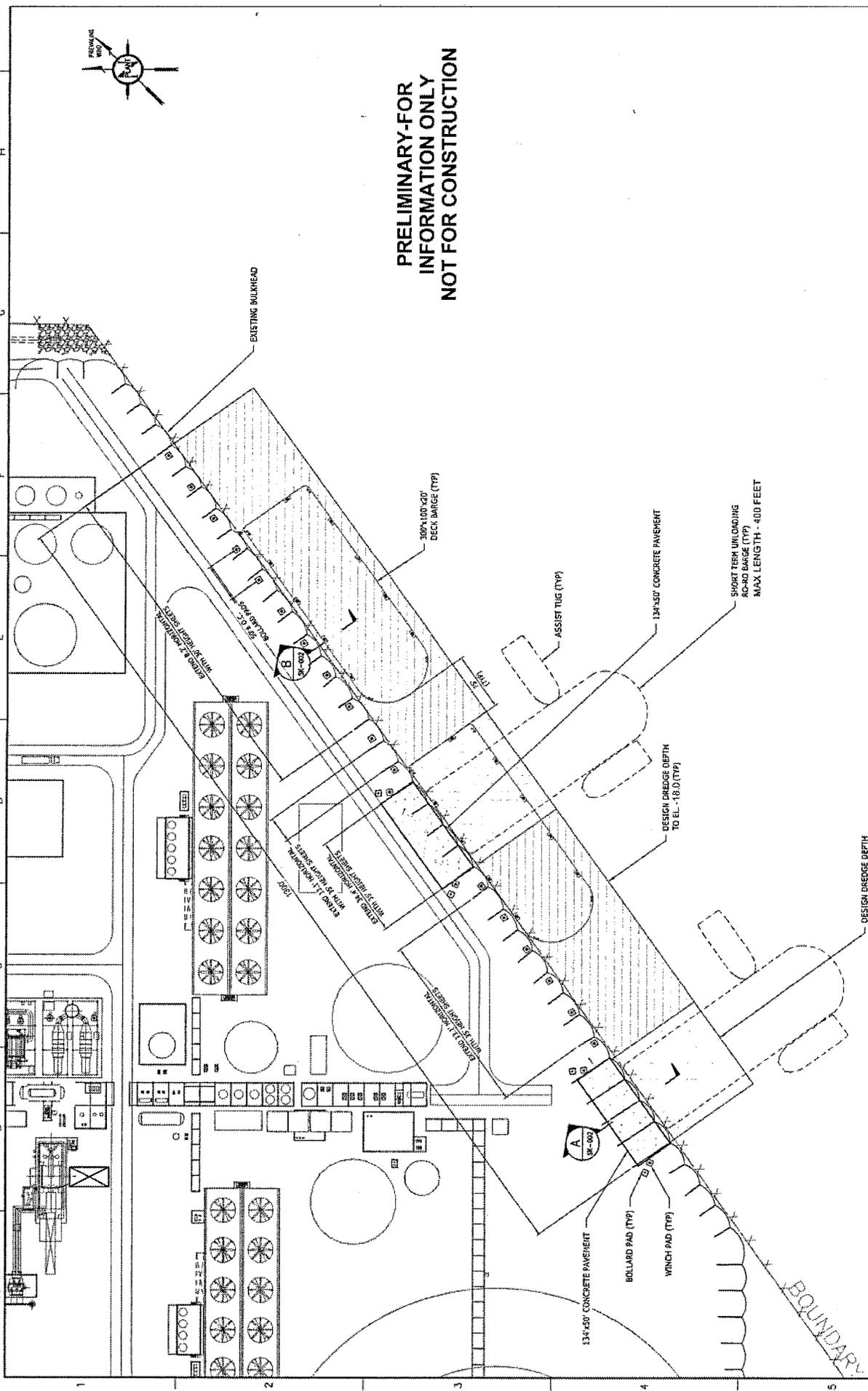
ARABIE ENVIRONMENTAL SOLUTIONS	LAKE CHARLES METHANOL SULPHUR, LOUISIANA
FIGURE 3 OF 6 PLAN VIEW PERMIT APPLICATION OFFLOADING FACILITY	
Drawn By: JRK	Date: 02/18/16 AES Project # 11453
Checked By: CBJ	Date: 02/18/16 Revised: 03/14/16



NOTE: TOTAL DREDGE VOLUME - 67,358 CUBIC YARDS



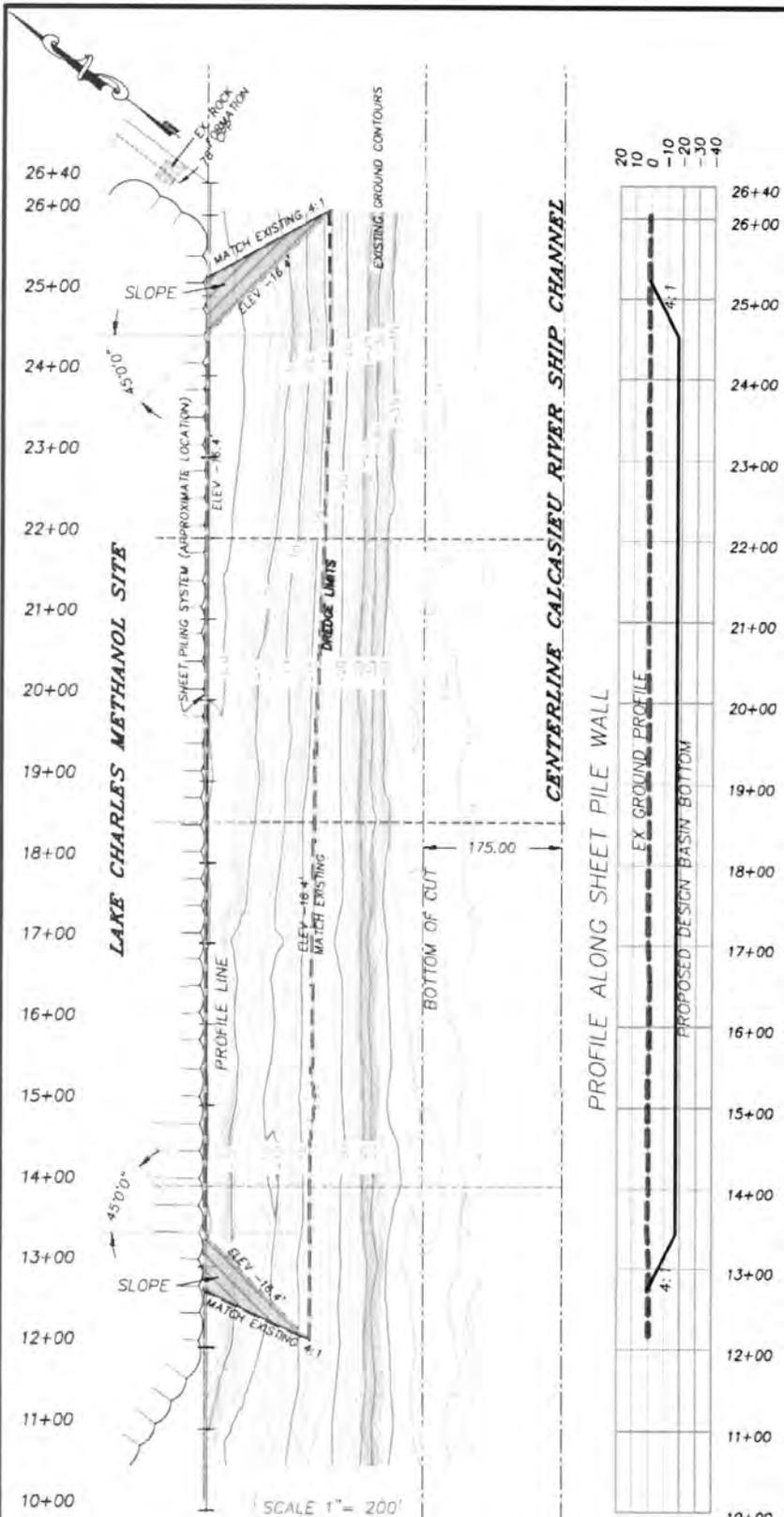
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**FIGURE 4 OF 7
FACILITY VIEW**
PERMIT APPLICATION
LAKE CHARLES METHANOL
OFFLOADING FACILITY
SULPHUR, LOUISIANA

Drawn By:	JRK	Checked By:	CBJ
Date:	07/19/16	Project No.:	11453

NOTE:
Drawing Provided by Client
Drawing Not To Scale - Dimensions As Noted
Elevations are Feet (NAVD 88). See Figure No. 4 for Datum Information



NOTES:

1. HORIZONTAL CONTROL IS REFERENCED TO NAD 83 LOUISIANA SOUTH ZONE COORDINATES.
2. VERTICAL CONTROL IS REFERENCED TO MEAN LOW GULF (MLG) SEE NOTE 9.
3. DATE OF FIELD SURVEY: JANUARY 20, 2015.
4. SURVEY DATA WAS COLLECT USING NAVD88 AND CONVERTED MLG USING CONVERSION PROVIDED, SEE NOTE 9. STANDARD FIELD CALIBRATIONS FOR EQUIPMENT WERE PERFORMED. THIS SURVEY AND ACCURACY RESULTS ARE WITHIN MANUFACTURER'S SPECIFICATIONS.
5. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF THE SURVEY MADE ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
6. CONTOURS SHOWN INDICATE THE ELEVATION OF THE RIVER BOTTOM EXPRESSED IN FEET AND REFERENCED TO MLG
7. THE WATER SURFACE ELEVATION AT THE TIME OF SURVEY WAS 1.7' TO 2.1' MLG
8. SHEET PILE SYSTEM AND OTHER LAND FEATURES WERE TAKEN FROM PREVIOUS WORK CONDUCTED BY MORRISON SURVEYING, INC
9. AS PER INFORMATION PROVIDED BY THE US ARMY CORPS OF ENGINEERS TO CONVERT MEAN LOW GULF (MLG) TO NAVD 88 DATUM SUBTRACT 1.6 FEET TO THE ELEVATIONS SHOWN.

VOLUME ESTIMATE:

THE ESTIMATED QUANTITY OF MATERIAL TO BE EXCAVATED WITHIN THE DREDGE TEMPLATE IS 67,358 CUBIC YARDS.

DREDGE DESIGN PROVIDED BY ARABIE ENVIRONMENTAL SOLUTIONS.

NOTE:

Drawing Provided by Client
 Drawing Not To Scale - Dimensions As Noted
 Elevations are Feet (MLG)
 Slopes are 4:1 on each end of dredged area.

**LAKE CHARLES METHANOL, LLC
 LAKE CHARLES, LOUISIANA FACILITY
 CALCASIEU PARISH
 CALCASIEU RIVER MILE 29.7
 MLG DATUM**

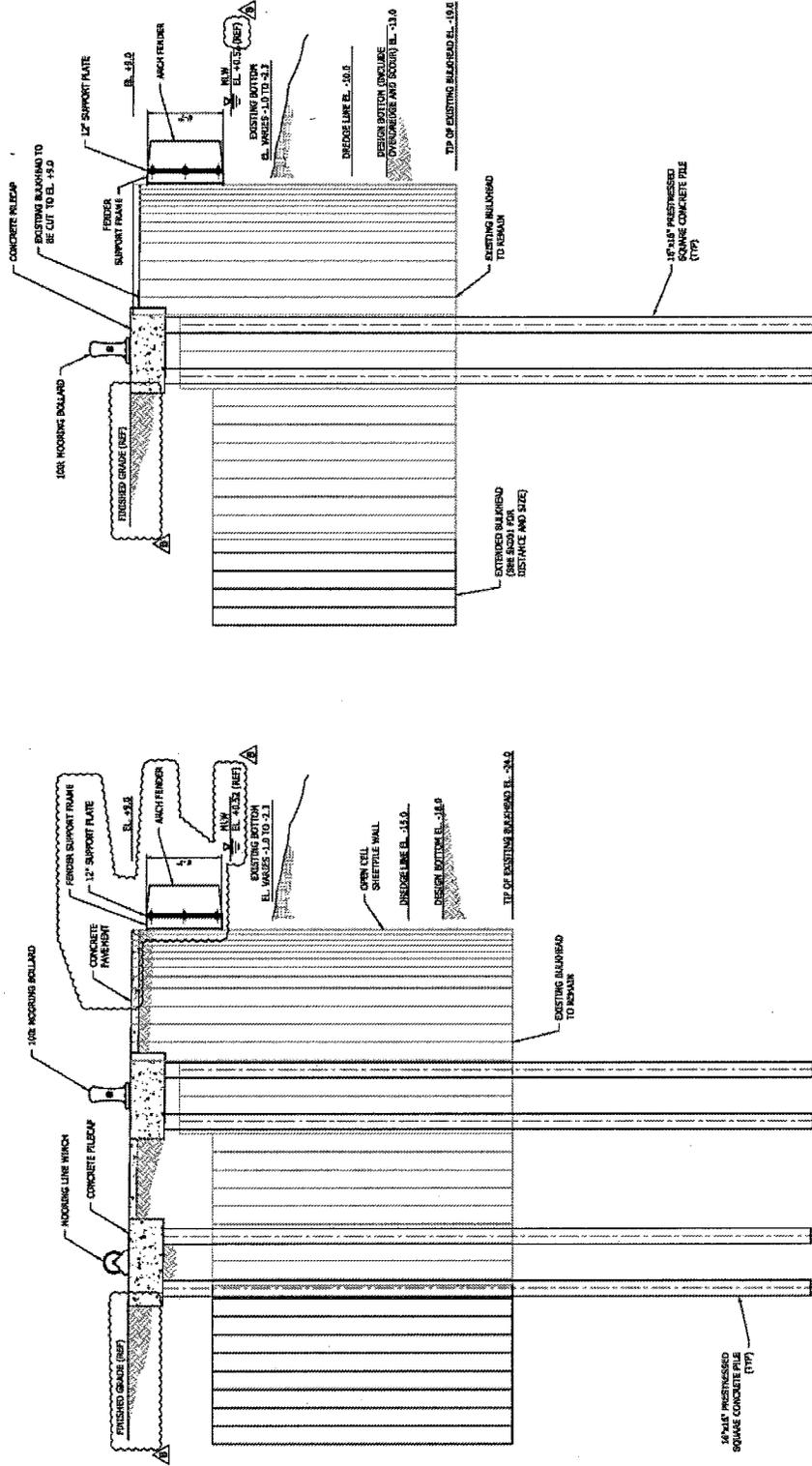


PREPARED BY
MORRISON SURVEYING, INC.
 G.P.S., BOUNDARY, TOPOGRAPHIC, SUBDIVISION,
 INDUSTRIAL AND PIPELINE SURVEYS
 480 N. CITIES SERVICE HWY. P.O. BOX 71
 SULPHUR, LA 70664-0071
 PHONE: (337) 625-1050



**FIGURE 5 OF 7
 PLAN VIEW & PROFILE VIEW**

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A SECTION
3/18-17-C
SCALE 3/16"=1'-0"

B SECTION
3/18-07
SCALE 3/16"=1'-0"

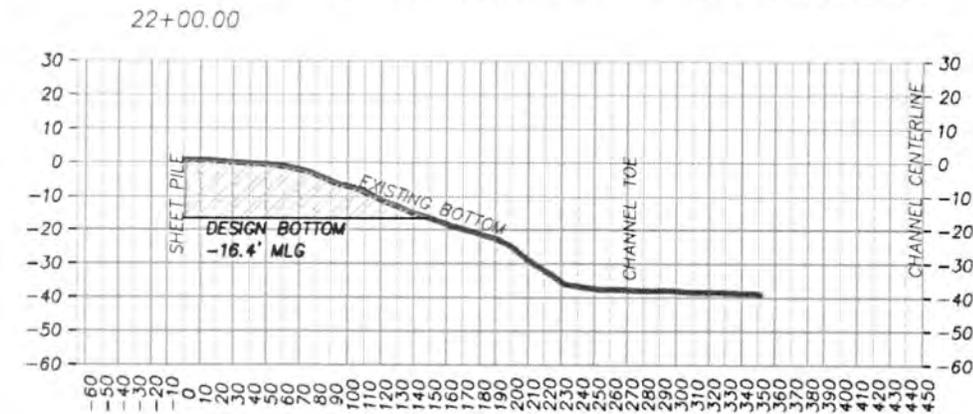
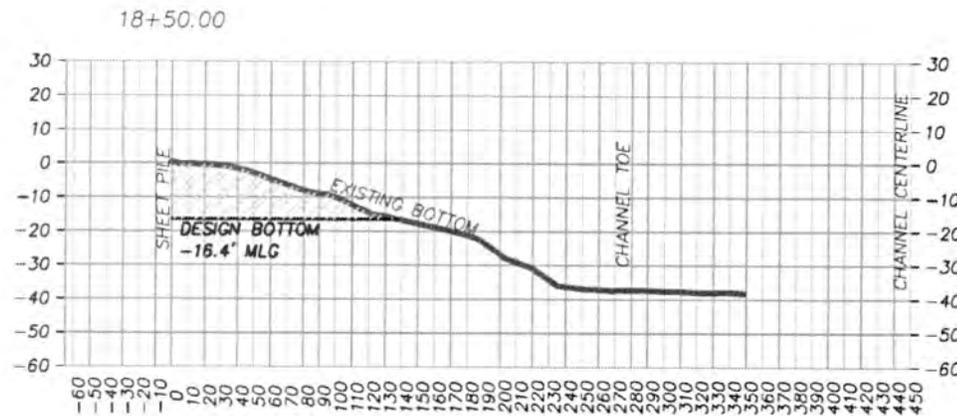
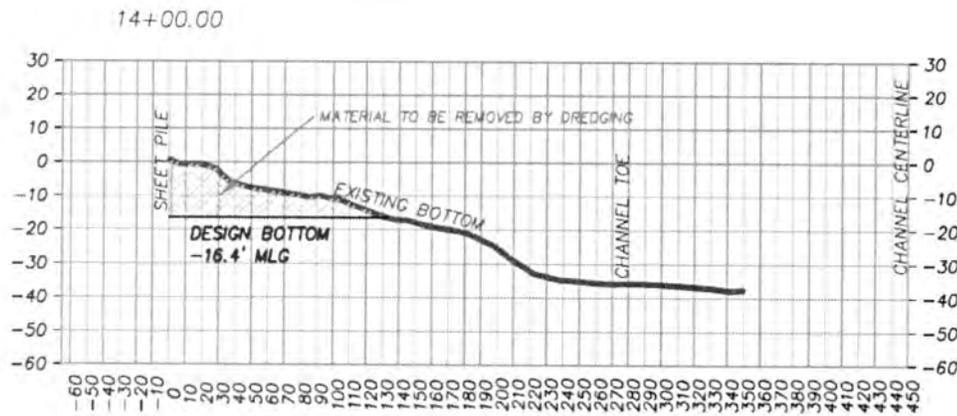
ARABIE
ENVIRONMENTAL
SOLUTIONS

**FIGURE 6 OF 7
CROSS SECTION**

PERMIT APPLICATION
LAKE CHARLES METHANOL
OFFLOADING FACILITY
SULPHUR, LOUISIANA

Drawn By: **JRK**
Checked By: **CBJ**
Date: **02/15/16**
Project No: **11453**

NOTE:
Drawing Provided by Client
Drawing Not To Scale - Dimensions As Noted
Elevations are Feet (NAVD 88). See Figure No. 4 for Datum Information



NOTE:
 Drawing Provided by Client
 Drawing Not To Scale - Dimensions As Noted
 Elevations are Feet (MLG). See Figure No. 4 for Datum Information.
 Slopes are 4:1 on each end of dredged area.

**LAKE CHARLES METHANOL, LLC
 LAKE CHARLES, LOUISIANA FACILITY
 CALCASIEU PARISH
 CALCASIEU RIVER MILE 29.7**

MLG DATUM



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**FIGURE 7 OF 7
 CROSS SECTION**