

JOINT PUBLIC NOTICE

December 23, 2013

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

State of Louisiana
Department of Environmental Quality
Attn: Water Quality Certification Sec.
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

Project Manager: James W. Little, Jr.
(225) 342-3099 / fax: (225) 342-9439
James.little@usace.army.mil
Permit Application Number:
MVN-2013-02653-WII

Project Manager:
Elizabeth Johnson
(225) 219-3225 / fax: (225) 219-3156
WQC Application Number:
WQC 131209-03

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: [] Section 10 of the Rivers and Harbors Act of March 3, 1899 (30 Stat. 1151; 33 USC 403); and/or [] Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344).

The application has also been mailed to the Louisiana Department of Environmental Quality, for a Water Quality Certification (WQC) in accordance with statutory authority contained in Louisiana Revised Statute 30:2074 A(3), and provisions of Section 401 of the Clean Water Act (P.L. 95-17).

CONSTRUCT A NEW GAS TO GASOLINE FACILITY IN CALCASIEU PARISH

NAME OF APPLICANT: Port of Lake Charles, c/o Shaw Environmental & Infrastructure, Inc.,
Attn: Ms. Kara Moree, 4171 Essen Lane, Baton Rouge, LA 70809.

LOCATION OF WORK: In Calcasieu Parish, North 30.1242, West -93.3077, located off of the Industrial Canal, in Lake Charles, Louisiana, as shown on the attached vicinity map. (Hydrologic Unit Code 08080206, Calcasieu River Basin)

CHARACTER OF WORK: Clear, grade, fill and/or excavate and develop a tract, totaling approximately 200 acres, in order to construct the proposed Gas to Gasoline facility, roadways, support facilities and appurtenant structures. The purpose of the proposed development is to use natural gas to produce methanol, which will ultimately be converted to gasoline. Various byproducts, including liquefied petroleum gas, fuel gas purge gas, and wastewater, are expected and will be utilized for plant processes when feasible or commercially viable, all to support manufacturing processes and meet current market demands. Approximately 95.97 acres of jurisdictional wetlands and 8.31 acres of Section 10 & 404 waters would be impacted by project implementation. Fill operations will include the deposition of approximately 366,813 cubic yards of hauled-in material, 252,269 cubic yards of top soil will be stripped off across the northern portion of the site and stockpiled for later use, 258,553 cubic yards of material will be cut from the southern portion of the site, of which, 252,066 cubic yards of on-site material will be used to raise the area. The dock facilities along the Industrial Canal will involve dredging 600,000 cubic yards of material and 13,000 cubic yards of fill material. The applicant has proposed to mitigate any unavoidable wetlands impacts with an approved permittee responsible mitigation plan.

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 submitted 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 forwarded to the Corps of Engineers at the address above, **ATTENTION: REGULATORY BRANCH.** Individuals or parties may request an extension of time in which to comment on the proposed work by writing, faxing, 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. 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.

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, pre-historical, 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 would neither 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 may result in the destruction or alteration of 10.57 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.

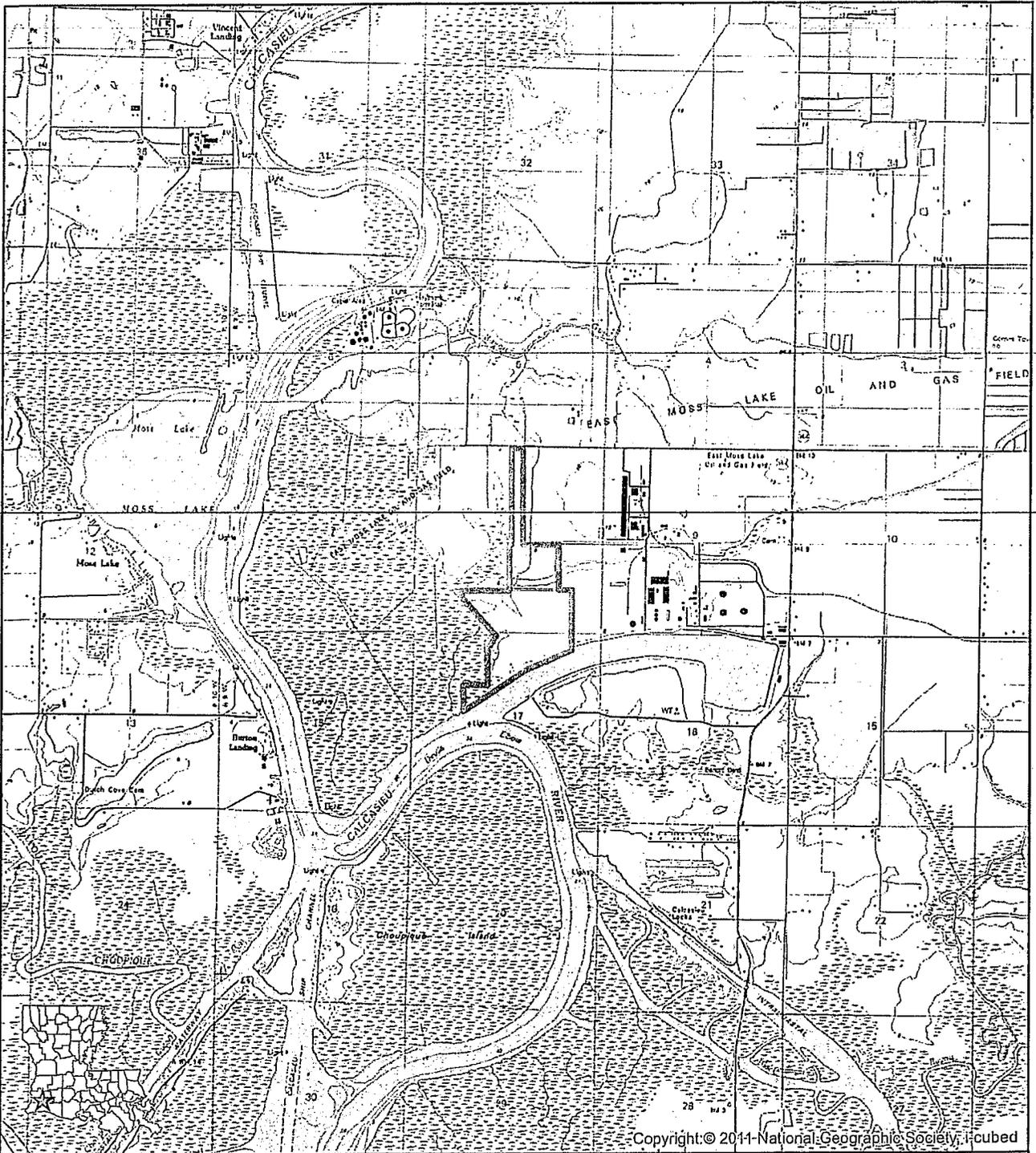
If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not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

Darrell S. Barbara
Chief, Western Evaluation Section
Regulatory Branch

Enclosure

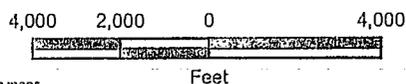
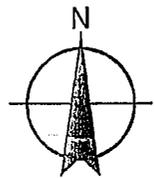


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Legend

 Approximate Property Boundary



REFERENCE:
Base map based on 7.5 minute series USGS topographic maps, "Westlake, LA" and "Moss Lake, LA", dated 1977

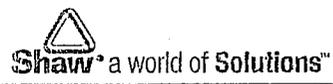
G2X ENERGY INC.

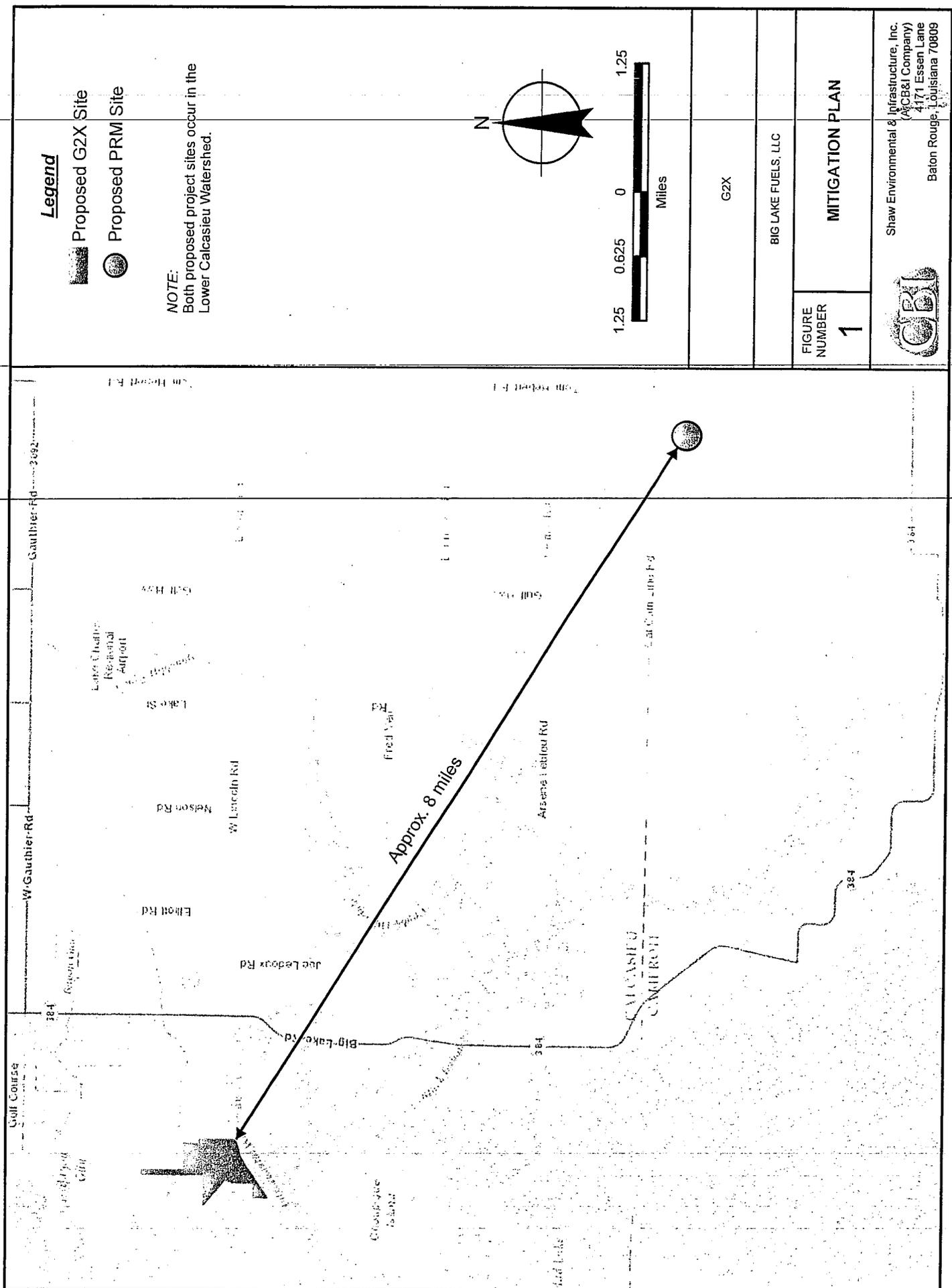
WORK PLAN

FIGURE NUMBER

1

SITE LOCATION

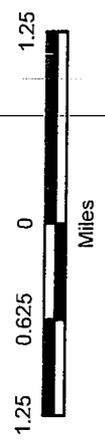
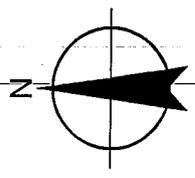




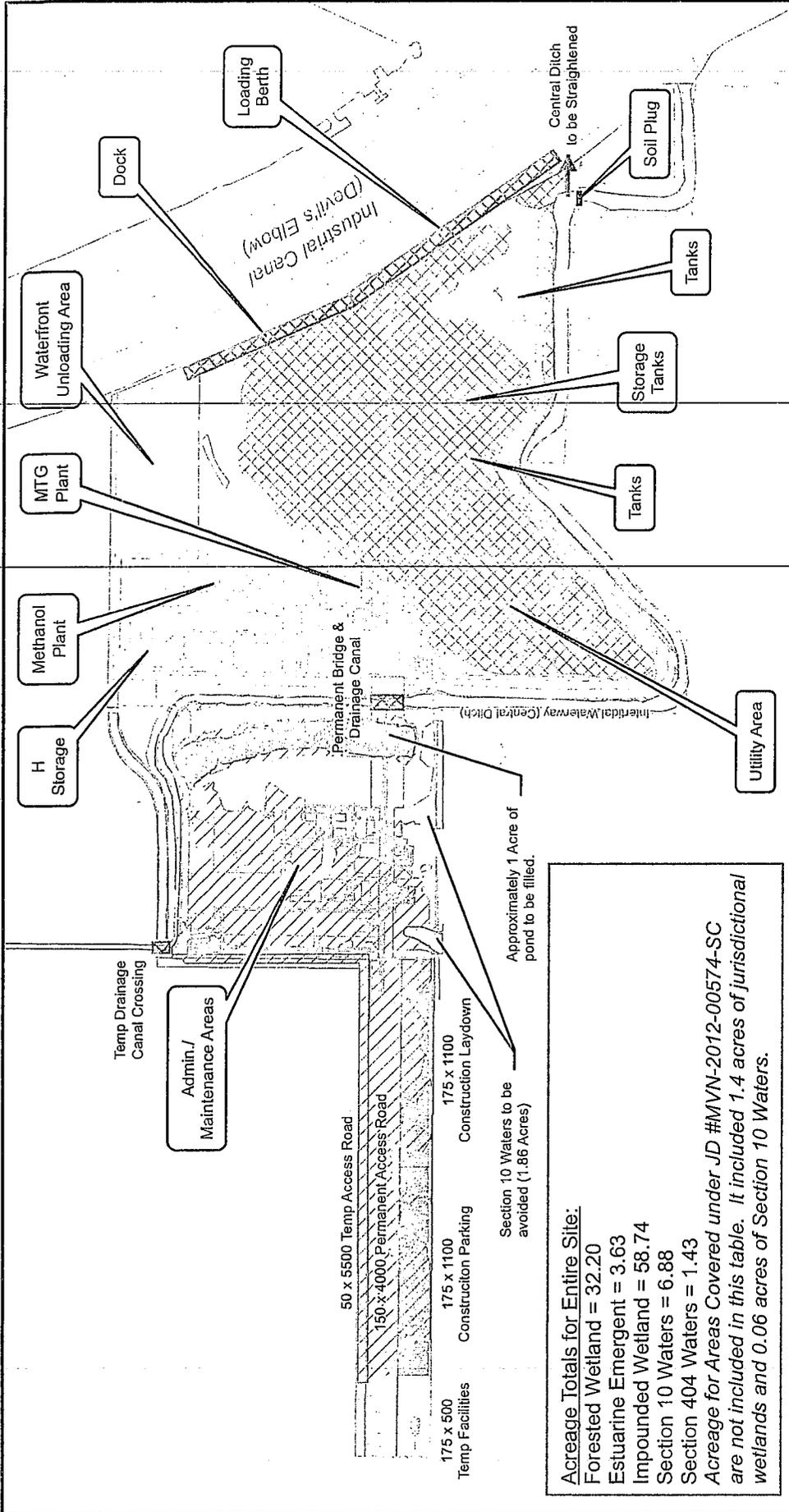
Legend

-  Proposed G2X Site
-  Proposed PRM Site

NOTE:
Both proposed project sites occur in the Lower Calcasieu Watershed.



G2X	
BIG LAKE FUELS, LLC	
FIGURE NUMBER	1
MITIGATION PLAN	
	
Shaw Environmental & Infrastructure, Inc. (A/CB&I Company) 4171 Essen Lane Baton Rouge, Louisiana 70809	



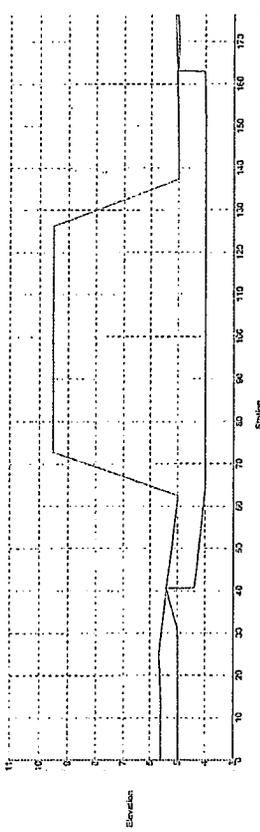
Acreege Totals for Entire Site:
 Forested Wetland = 32.20
 Estuarine Emergent = 3.63
 Impounded Wetland = 58.74
 Section 10 Waters = 6.88
 Section 404 Waters = 1.43

Acreege for Areas Covered under JD #MVN-2012-00574-SC are not included in this table. It included 1.4 acres of jurisdictional wetlands and 0.06 acres of Section 10 Waters.

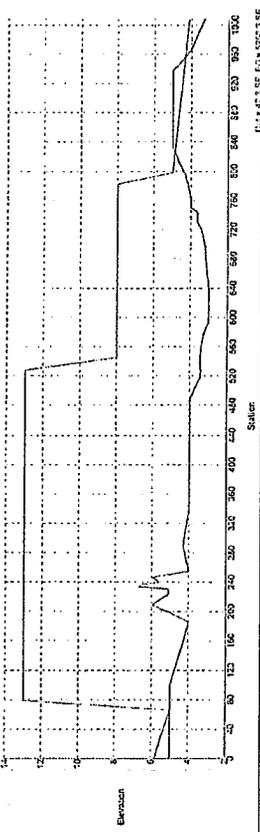
BIG LAKE FUELS PROJECT LAKE CHARLES, CALCASIEU PARISH, LA	
SECTION 404/10 PERMIT APPLICATION	
FIGURE NUMBER 2	PROPOSED OVERALL SITE PLAN (BLACK AND WHITE DRAWING)
Legend <ul style="list-style-type: none"> Forested Wetland (404 Wetland) Estuarine Emergent (10/404 Wetland) Impounded Wetland Section 10 Waters Section 404 Waters Approximate Boundary of JD #MVN-2012-00574-SC Non-wetland Area Permanent Bridge & Drainage Canal Construction Laydown Construction Parking Permanent Access Road Temp Access Road Temp Facilities 	
Shaw Environmental & Infrastructure, Inc. (A CB&I Company) 4171 Essen Lane Baton Rouge, LA 70809	



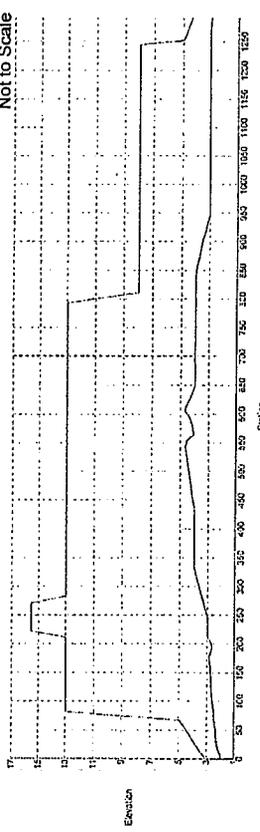
Not to Scale



CROSS SECTION A-A
Not to Scale



CROSS SECTION B-B
Not to Scale



CROSS SECTION C-C
Not to Scale

G2X ENERGY, INC.
Lake Charles, Louisiana

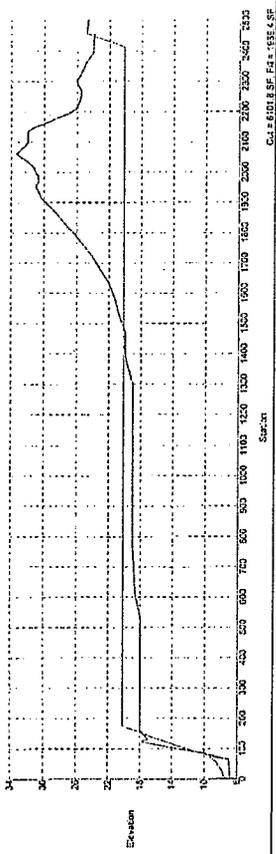


Shaw Environmental & Infrastructure, Inc.
(A CB&I Company)
4171 Essen Lane
Baton Rouge, Louisiana 70809

REFERENCE:

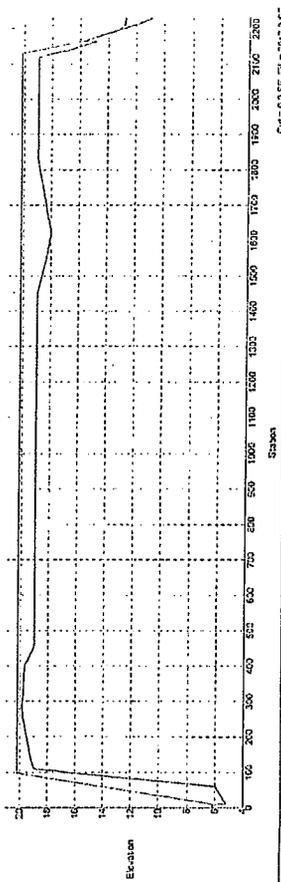


Not to Scale



CROSS SECTION D-D

Not to Scale



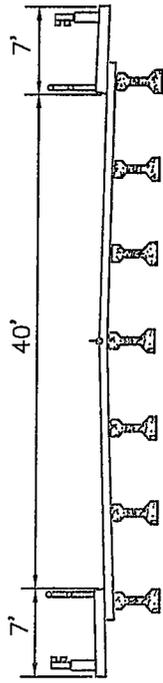
CROSS SECTION E-E

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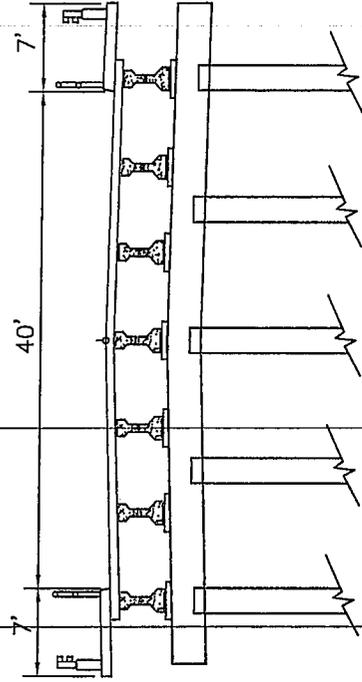
G2X ENERGY, INC.
Lake Charles, Louisiana



Shaw Environmental & Infrastructure, Inc.
 (A CBI Company)
 4171 Essen Lane
 Baton Rouge, Louisiana 70809



TYPICAL SECTION

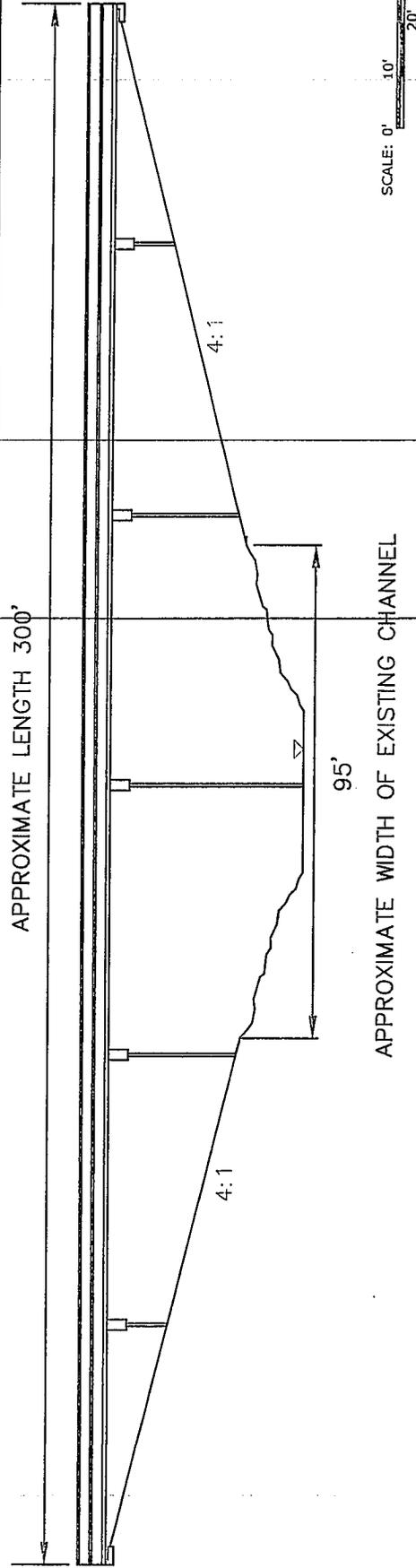


TYPICAL SECTION AT INTERMEDIATE BENT

BRIDGE SECTIONS

SCALE: 0' 5' 15'

APPROXIMATE LENGTH 300'



APPROXIMATE WIDTH OF EXISTING CHANNEL

SCALE: 0' 10' 20' 30'

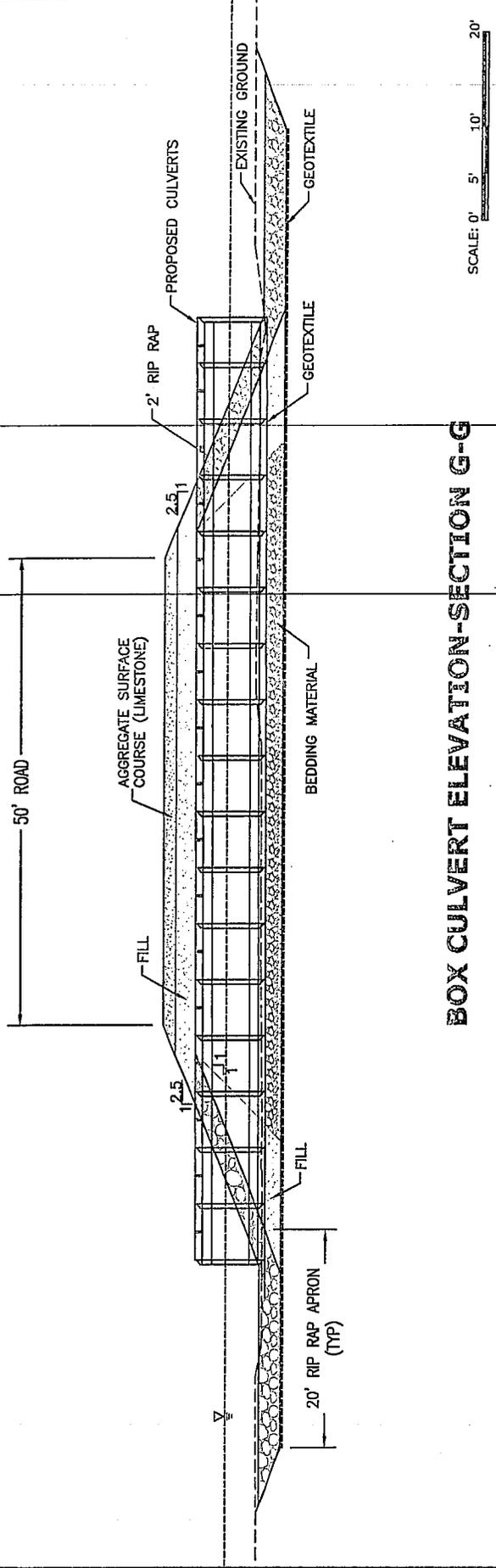
BRIDGE PROFILE F-F

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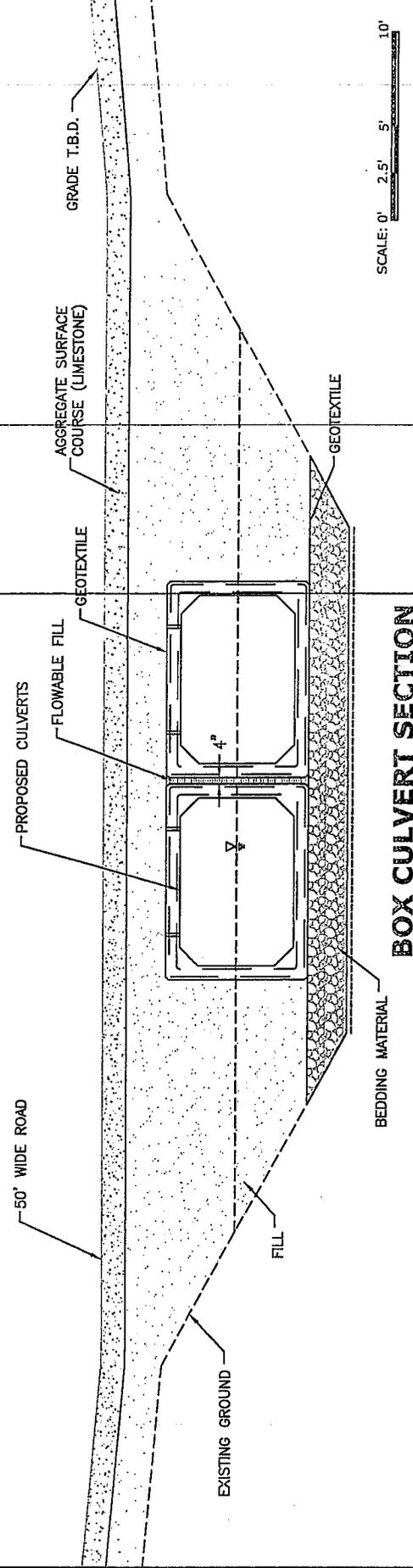


Shaw Environmental & Infrastructure, Inc.
(A CBI Company)
4171 Essen Lane
Baton Rouge, Louisiana 70809

FUTURE BRIDGE



BOX CULVERT ELEVATION-SECTION G-G



BOX CULVERT SECTION

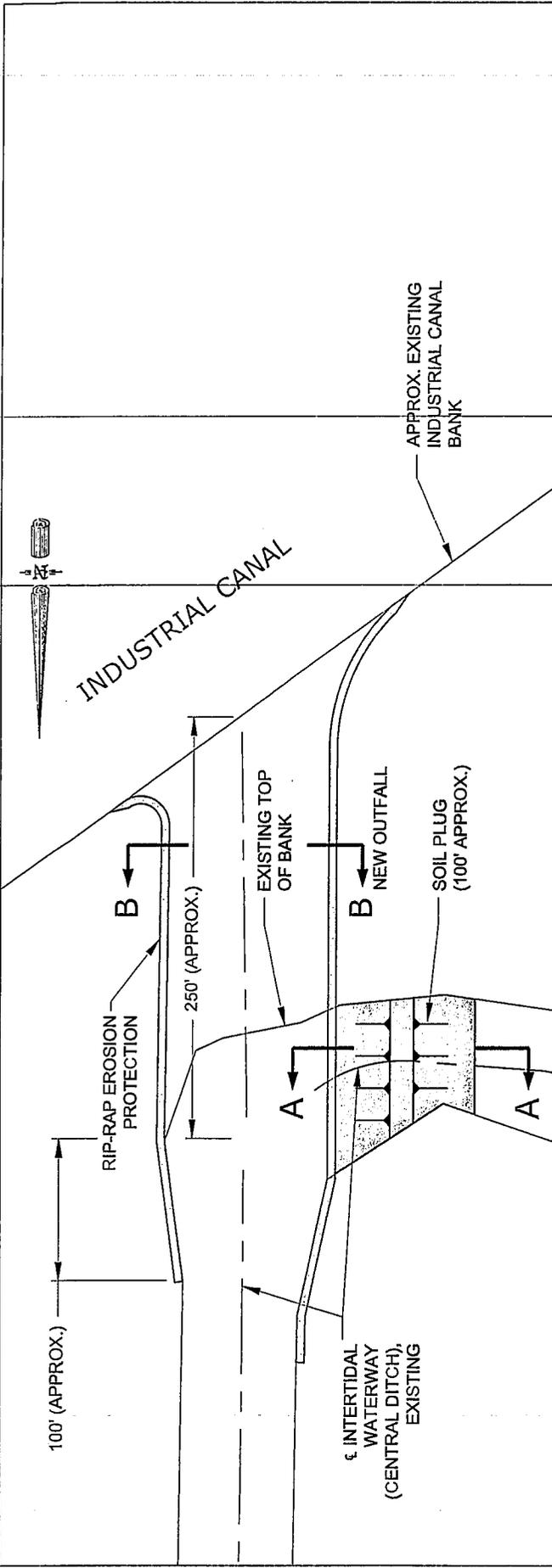
NOTE: 6'X9' CULVERTS SHOWN. ACTUAL TYPE, SIZE, AND NUMBER OF DRAINAGE STRUCTURES T.B.D.

FUTURE BOX CULVERTS

Shaw Environmental & Infrastructure, Inc.
 (A CB&I Company)
 4171 Essen Lane
 Baton Rouge, Louisiana 70809

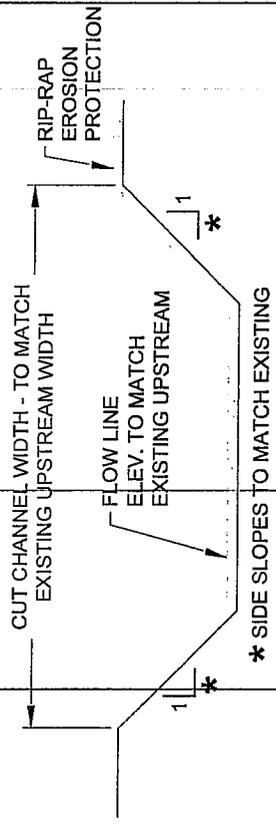


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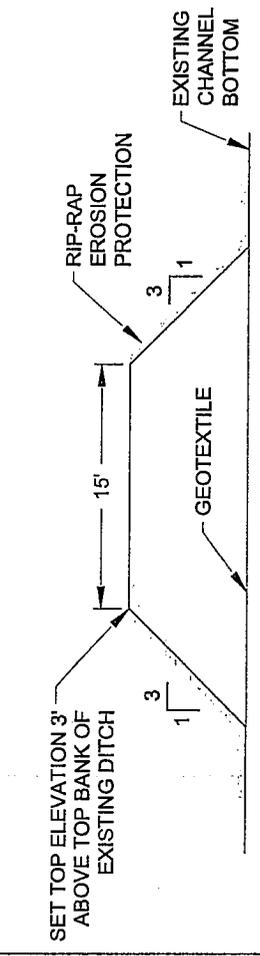
PROPOSED CENTRAL DITCH OUTFALL - PLAN

N.T.S.



NEW DITCH OUTFALL SECTION B-B

N.T.S.



SOIL PLUG SECTION A-A

N.T.S.

PROPOSED DITCH OUTFALL



Shaw Environmental & Infrastructure, Inc.
 (A C&I Company)
 4171 Essen Lane
 Baton Rouge, Louisiana 70809

ENVIRONMENTAL ENGINEERING CONSULTANTS, INC. 06/2013 0-53 AA

PURPOSE:

CONSTRUCTION OF A NEW CONSTRUCTION DOCK AND PRODUCTS DOCK TO FACILITATE THE CONSTRUCTION AND FINISH PRODUCT OFFLOADING OF THE G2XENERGY FACILITY AND FINISH PRODUCT.

DATUM:

ADJACENT PROPERTY OWNERS:

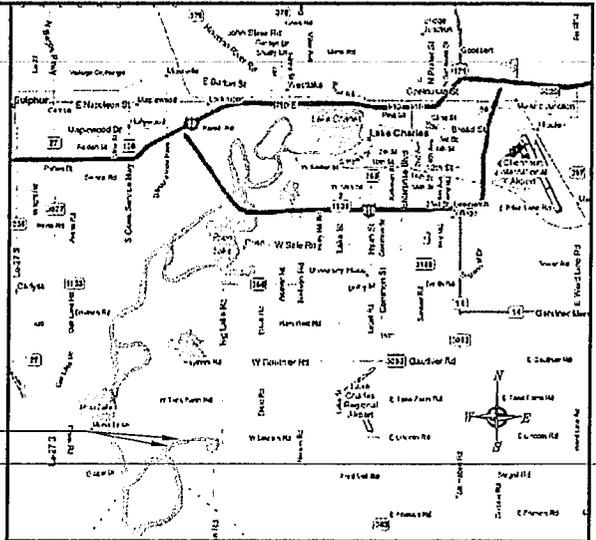
PROJECT LOCATION

CUT:

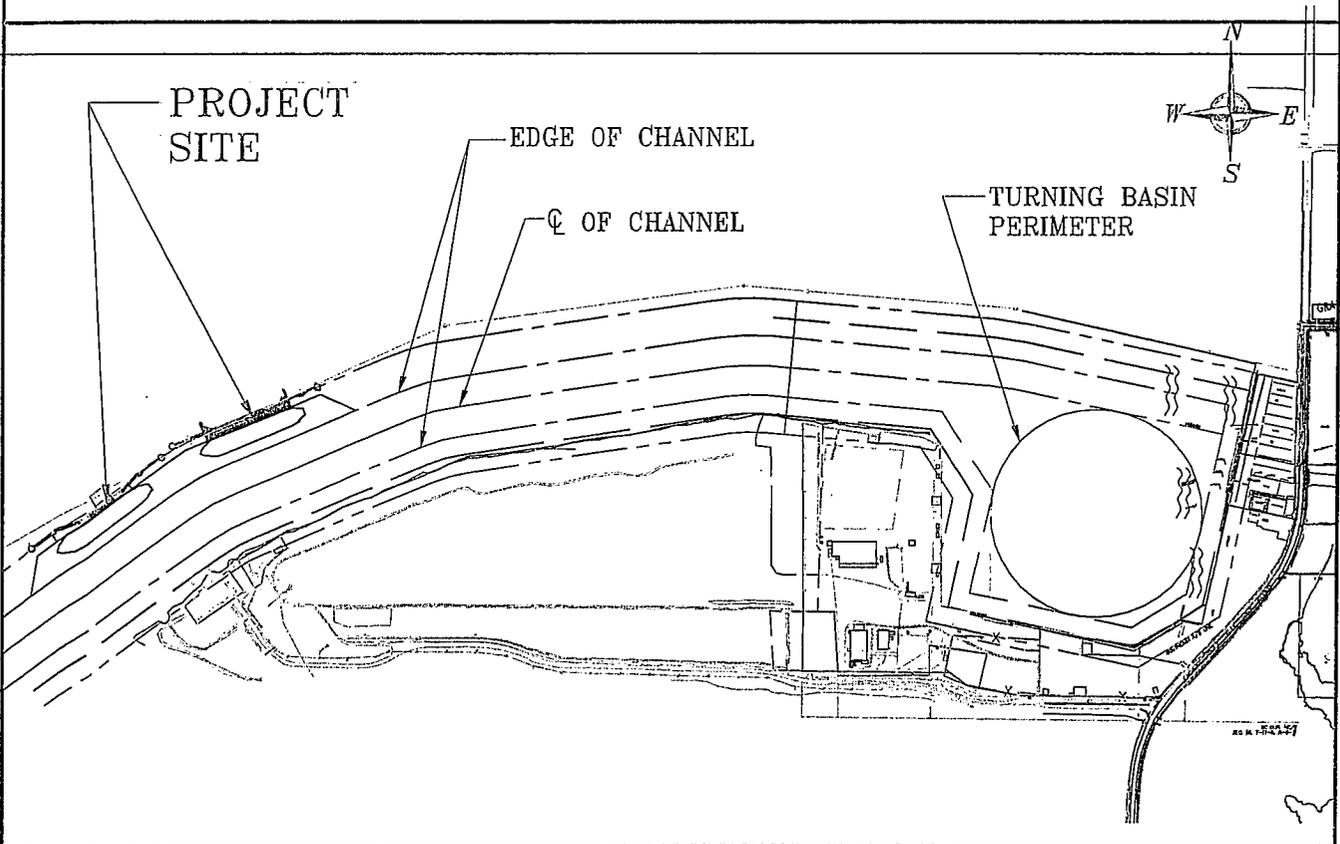
APPROXIMATELY 600,000 C.Y. DREDGED MATERIAL.

FILL:

APPROXIMATELY 13,000 C.Y. FILL MATERIAL.



VICINITY MAP



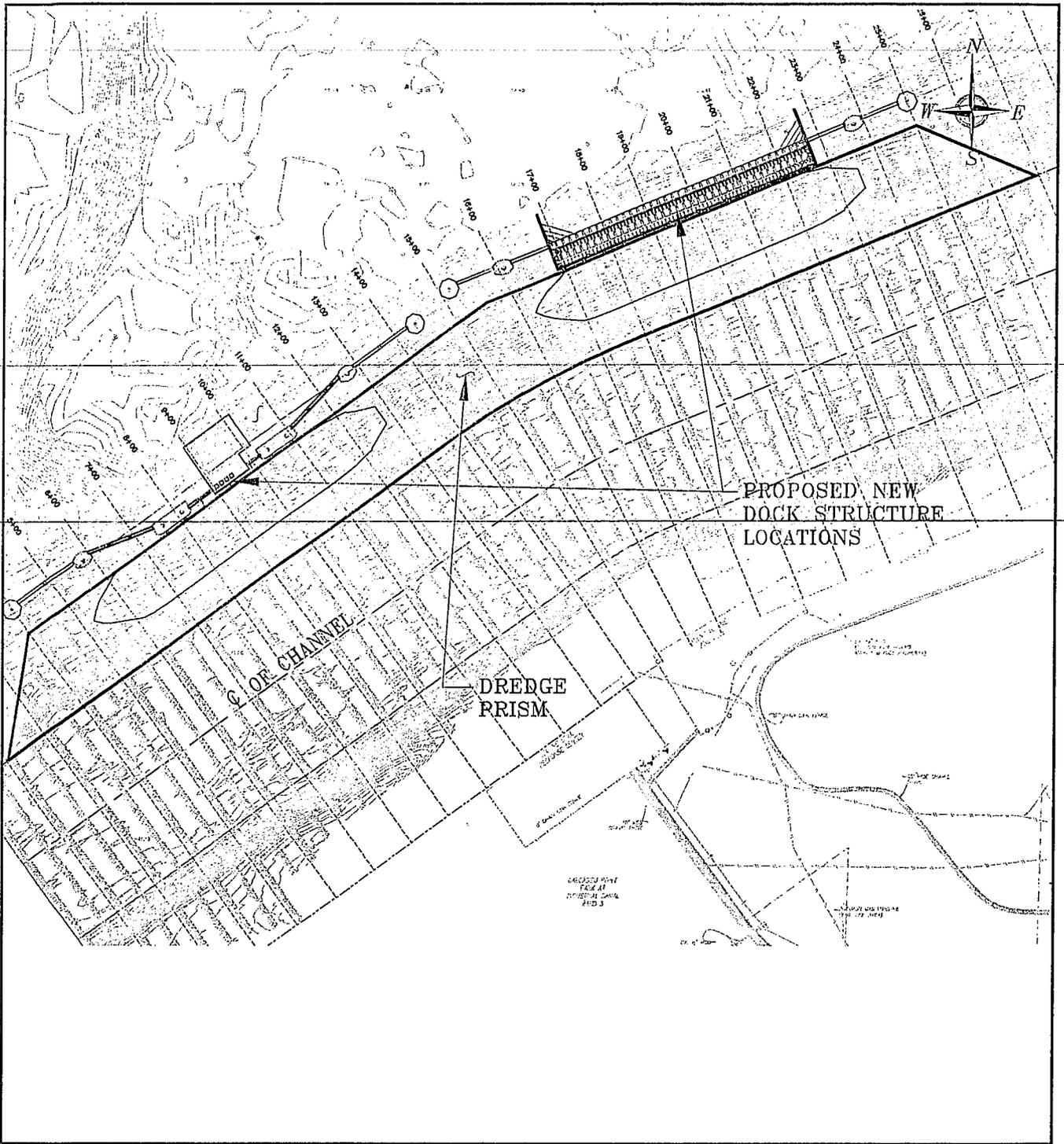
PROJECT SITE LOCATION

SCALE: 1" = 1200'-0"

0 600' 1200' 2400' 3600'



PROPOSED NEW DOCK STRUCTURES
IN: CALCASIEU RIVER INDUSTRIAL CANAL
TRIBUTARY TO: CALCASIEU RIVER
PARISH OF: CALCASIEU
STATE: LOUISIANA
APPLICATION BY:
PORT OF LAKE CHARLES



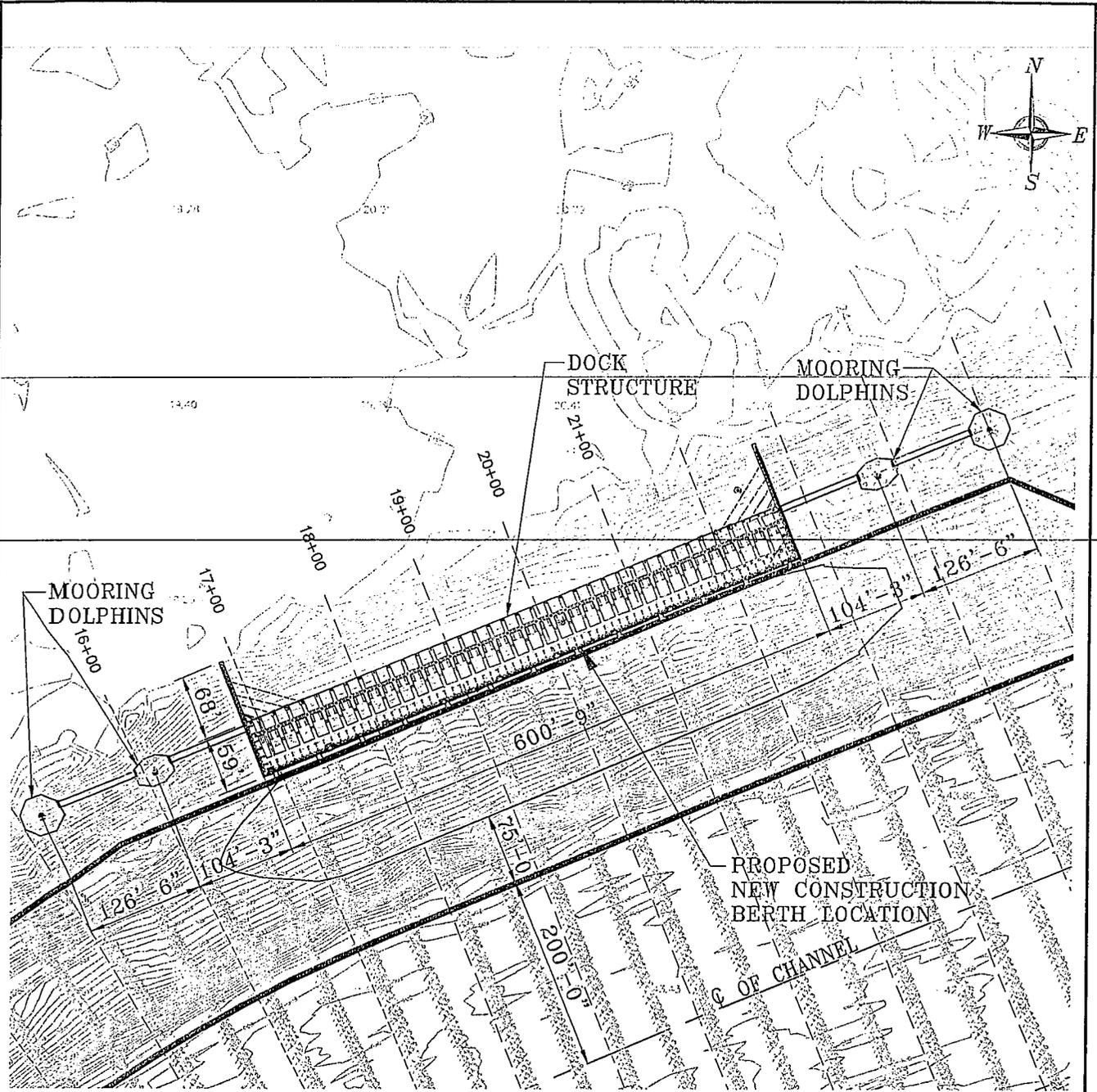
SITE PLAN

SCALE: 1" = 300'-0"

0 150' 300' 600' 900'



PROPOSED NEW DOCK STRUCTURES
 IN: CALCASIEU RIVER INDUSTRIAL CANAL
 TRIBUTARY TO: CALCASIEU RIVER
 PARISH OF: CALCASIEU
 STATE: LOUISIANA
 APPLICATION BY:
 PORT OF LAKE CHARLES

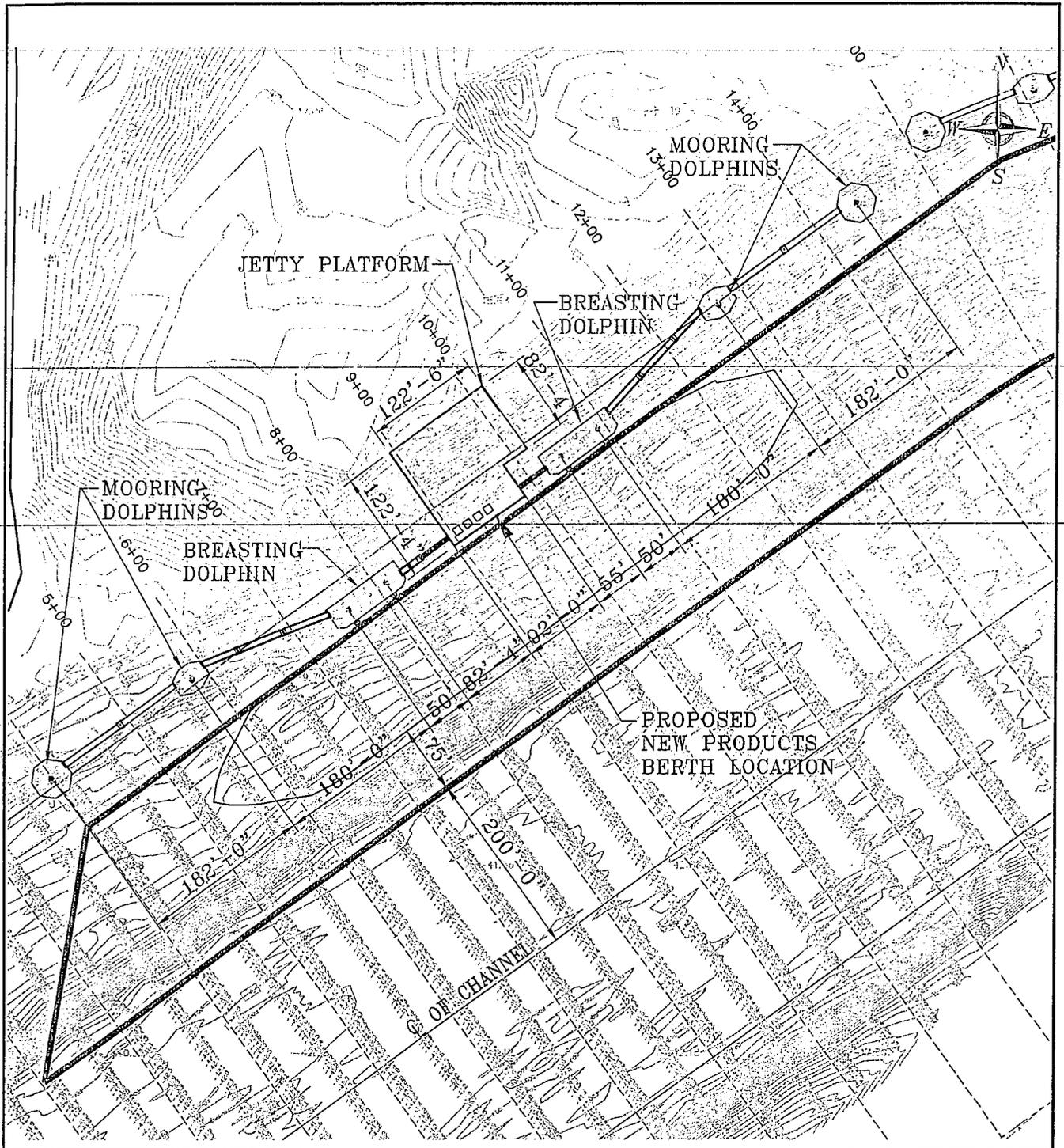


**PROPOSED NEW
CONSTRUCTION BERTH
PART PLAN**

SCALE: 1" = 150'-0"



PROPOSED NEW DOCK STRUCTURES
 IN: CALCASIEU RIVER INDUSTRIAL CANAL
 TRIBUTARY TO: CALCASIEU RIVER
 PARISH OF: CALCASIEU
 STATE: LOUISIANA
 APPLICATION BY:
 PORT OF LAKE CHARLES



**PROPOSED NEW
PRODUCTS BERTH
PART PLAN**

SCALE: 1" = 150'-0"

0 75' 150' 300' 450'



PROPOSED NEW DOCK STRUCTURES

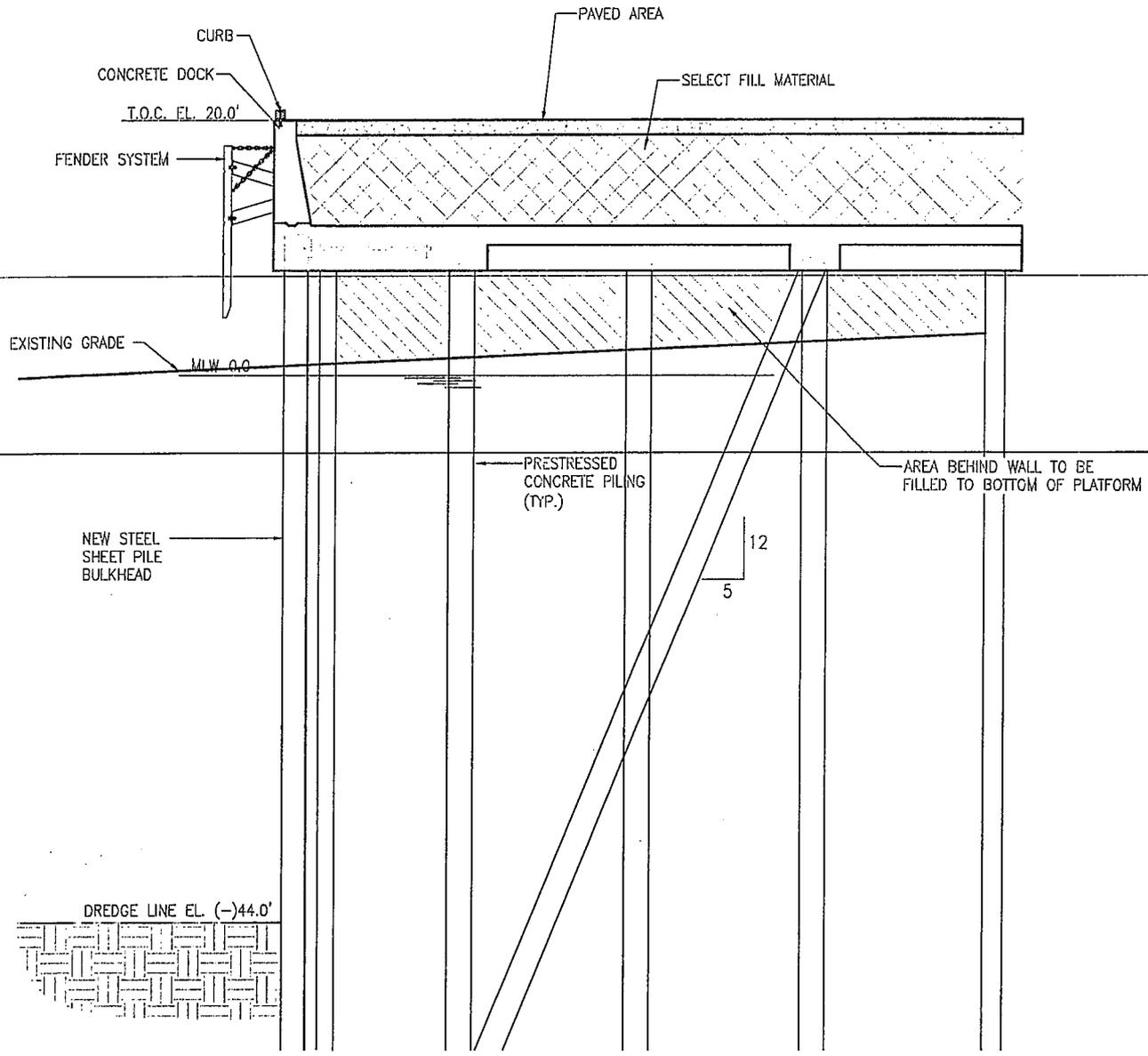
IN: CALCASIEU RIVER INDUSTRIAL CANAL
TRIBUTARY TO: CALCASIEU RIVER

PARISH OF: CALCASIEU

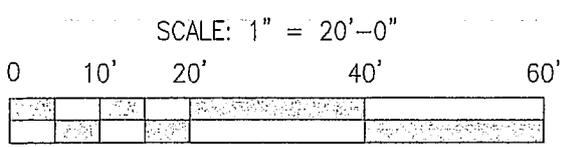
STATE: LOUISIANA

APPLICATION BY:

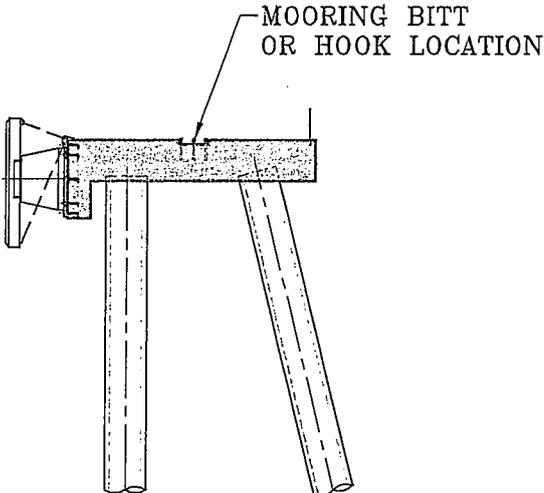
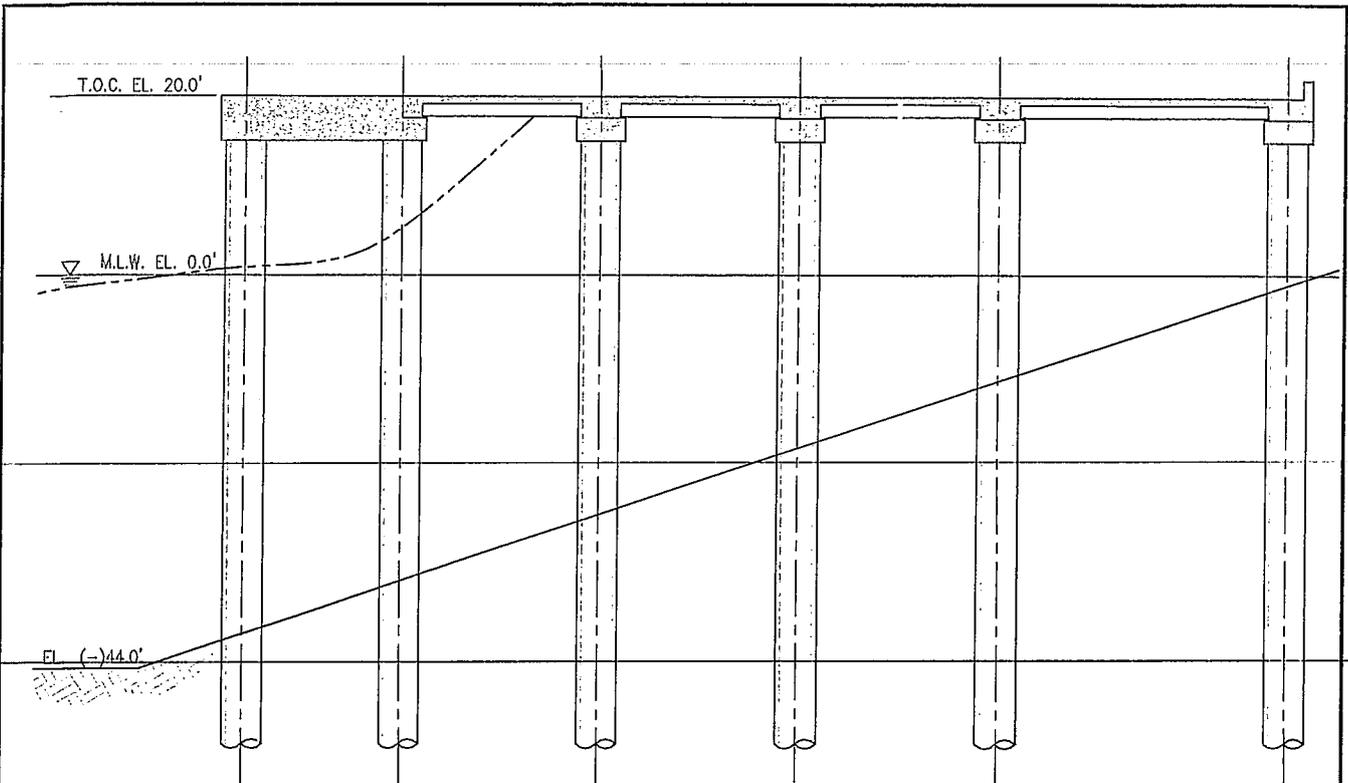
PORT OF LAKE CHARLES



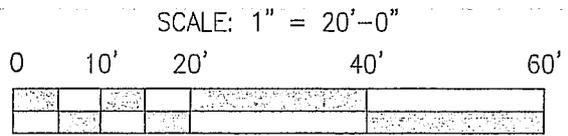
TYPICAL SECTION OF THE CONSTRUCTION DOCK



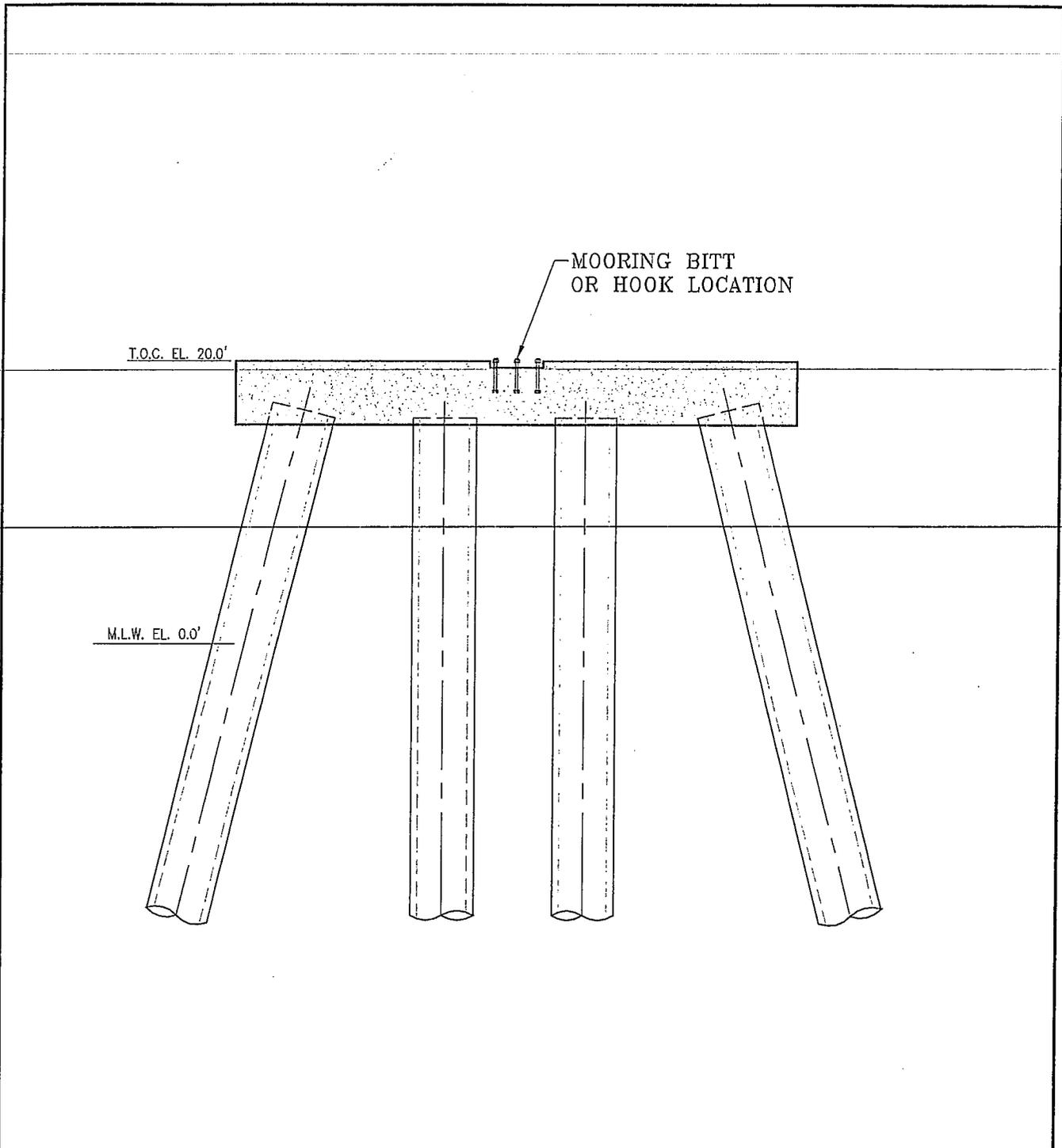
PROPOSED NEW DOCK STRUCTURES
 IN: CALCASIEU RIVER INDUSTRIAL CANAL
 TRIBUTARY TO: CALCASIEU RIVER
 PARISH OF: CALCASIEU
 STATE: LOUISIANA
 APPLICATION BY:
 PORT OF LAKE CHARLES



**TYPICAL
SECTION OF THE PRODUCTS
DOCK & BREASTING DOLPHIN**



PROPOSED NEW DOCK STRUCTURES
 IN: CALCASIEU RIVER INDUSTRIAL CANAL
 TRIBUTARY TO: CALCASIEU RIVER
 PARISH OF: CALCASIEU
 STATE: LOUISIANA
 APPLICATION BY:
 PORT OF LAKE CHARLES

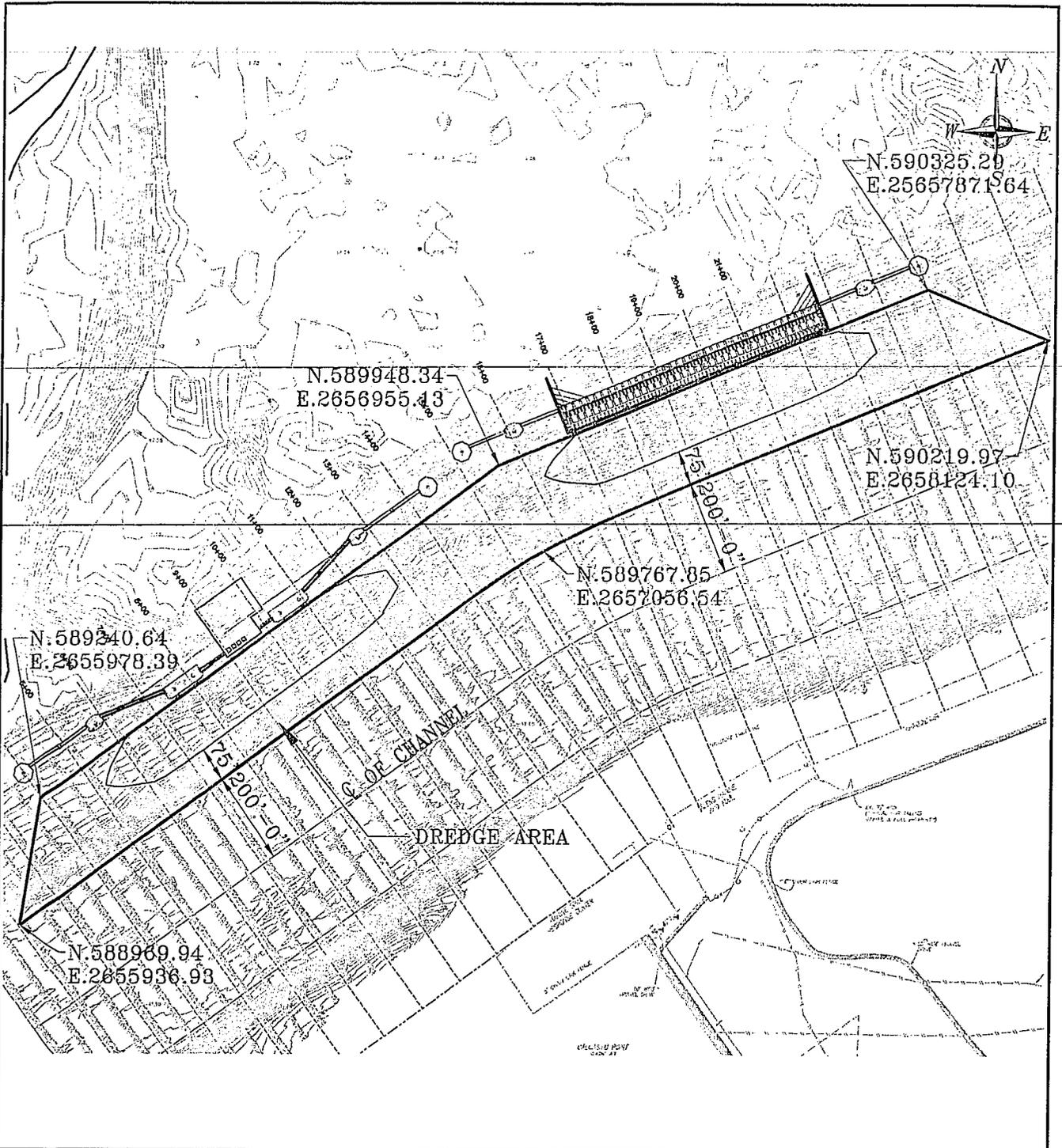


**TYPICAL SECTION OF
MOORING DOLPHIN**

SCALE: 1" = 10'-0"



PROPOSED NEW DOCK STRUCTURES
 IN: CALCASIEU RIVER INDUSTRIAL CANAL
 TRIBUTARY TO: CALCASIEU RIVER
 PARISH OF: CALCASIEU
 STATE: LOUISIANA
 APPLICATION BY:
 PORT OF LAKE CHARLES



DREDGE PLAN

SCALE: 1" = 300'-0"

0 150' 300' 600' 900'



PROPOSED NEW DOCK STRUCTURES

IN: CALCASIEU RIVER INDUSTRIAL CANAL

TRIBUTARY TO: CALCASIEU RIVER

PARISH OF: CALCASIEU

STATE: LOUISIANA

APPLICATION BY:

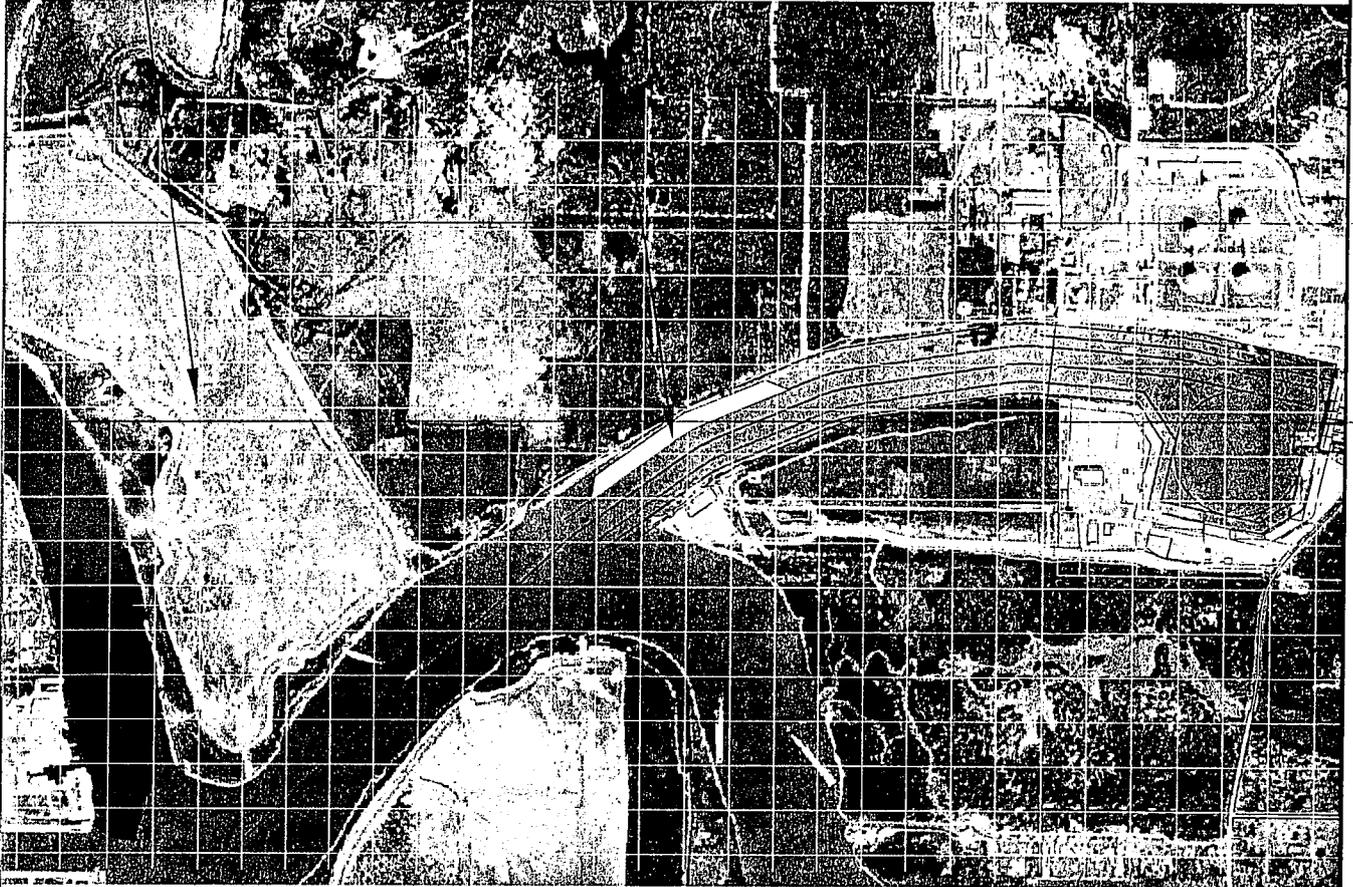
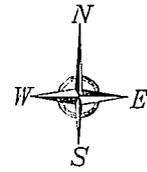
PORT OF LAKE CHARLES

SHEET 8 OF 9

DATE: 04/2013

DREDGE DISPOSAL
AREA 12, 12B & 13

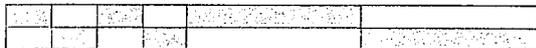
PROJECT DREDGE AREA



DISPOSAL SITE PLAN

SCALE: 1" = 2000'

0 1000' 2000' 6000' 6000'



PROPOSED NEW DOCK STRUCTURES

IN: CALCASIEU RIVER INDUSTRIAL CANAL

TRIBUTARY TO: CALCASIEU RIVER

PARISH OF: CALCASIEU

STATE: LOUISIANA

APPLICATION BY:

PORT OF LAKE CHARLES

SHEET 9 OF 9

DATE: 04/2013