

JOINT PUBLIC NOTICE

September 10, 2018

United States Army
Corps of Engineers
New Orleans District
Regulatory Branch, ODR-E
Room 280
7400 Leake Avenue
New Orleans, Louisiana 70118

(504) 862-1564

Stephanie.L.Castaing@usace.army.mil

Project Manager
Stephanie Castaing
Permit Application Number
MVN-2012-0123-EPP

State of Louisiana
Department of Environmental Quality
ATTN: Water Quality Certifications

Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

(225) 219-3225

Project Manager
Elizabeth Hill
WQC Application Number
WQC 180706-01

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).

BULK LIQUID EXPORT TERMINAL FACILITY WITHIN AND ALONG THE MISSISSIPPI RIVER IN PLAQUEMINES PARISH

NAME OF APPLICANT: Plaquemines Port and Harbor Terminal District, c/o Coastal Engineering Solutions, Post Office Box 80735, Baton Rouge, Louisiana 70898.

LOCATION OF WORK: Project site is located within and along the right descending bank of the Mississippi River, at about mile 61 above Head of Passes, at 16111 Louisiana State Highway 23, in Myrtle Grove, Louisiana, in Plaquemines Parish, as shown on the attached drawings.

Latitude: 29.6611 Longitude: -89.9675

Hydrologic Unit Codes: 08090100 Lower Mississippi River - New Orleans and 080900301 East Central Louisiana Coastal.

CHARACTER OF WORK: Clear, grade, excavate, and deposit fill for a 200 acre bulk liquid export terminal facility including: tank storage area/s with supporting infrastructure, dock, additional rail spurs, and rail off-loading facility. Project implementation will require excavation and deposition of 150,250 cubic yards of native material, 14,000 cubic yards of rock, 65,500 cubic yards of crushed stone or gravel, and 20 cubic yards of concrete.

The proposed 200 acre parcel was originally part of Department of the Army permit authorization for RAM Terminals, LLC. Currently proposed project design would directly impact 19.6 acres of jurisdictional wetlands; 3.7 acres of the proposed direct impacts to jurisdictional wetlands have been compensated for through the previous Department of the Army authorization. The applicant proposes to contract with an approved mitigation bank in order to offset unavoidable adverse impacts to jurisdictional wetlands.

The proposed liquid export facility is located in the vicinity of the Mid-Barataria Sediment Diversion proposal.

The comment period for the Department of the Army Permit and the Louisiana Department of Environmental Quality WQC will close **30 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.**

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 aware of two sites (16PL107 and 16PL269) 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.

The New Orleans District has determined that the proposed project is located in waters known to be utilized by the Pallid Sturgeon (*Scaphirhynchus albus*) and it has been determined that the proposed activity is not likely to adversely affect the species based on the Standard Local Operating Procedure for Endangered Species of Louisiana (SLOPES), dated October 22, 2014, between the U.S. Army Corps of Engineers and U.S. Fish and Wildlife Service, Ecological Services Office.

Our initial finding is that the proposed work would not affect any species, nor affect any habitat designated as critical to the survival and recovery of such species, listed as endangered by the U.S. Department of Commerce.

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 19.6 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.

The applicant has certified that the proposed activity described in the application complies with and will be conducted in a manner that is consistent with the Louisiana Coastal Resources Program. The Department of the Army permit will not be issued unless the applicant received approval or a waiver of the Coastal Use Permit by the Department of Natural Resources.

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.

Michael V. Farabee
Chief, Eastern Evaluation Section

Enclosure

PLAQUEMINES LIQUID TERMINAL

JOINT PERMIT APPLICATION

PLAQUEMINES PARISH, LA
AUGUST 2018

INDEX OF SHEETS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
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04	SITE PLAN
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06	TANK FARM CROSS SECTION
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09	LEVEE CRANE PAD AND TRUSS STAGING AREA
10	DOCK PLAN VIEW
11	DOCK APPROACH CROSS SECTION
12	DOCK CROSS SECTION
13	MOORING CROSS SECTION
14	DETAILS



M:\Department 25\Aerial\GIS Engineering\CAD\Digital\map\Location Map\Location map.dwg

PROJECT VICINITY

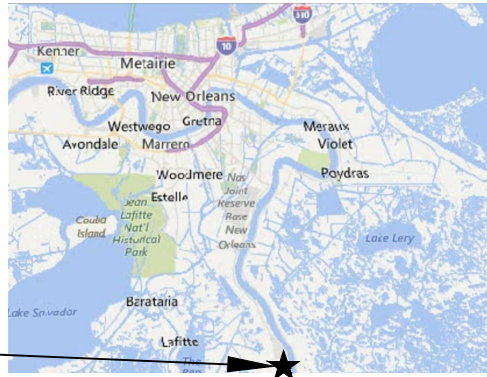


VICINITY MAP

NOT TO SCALE

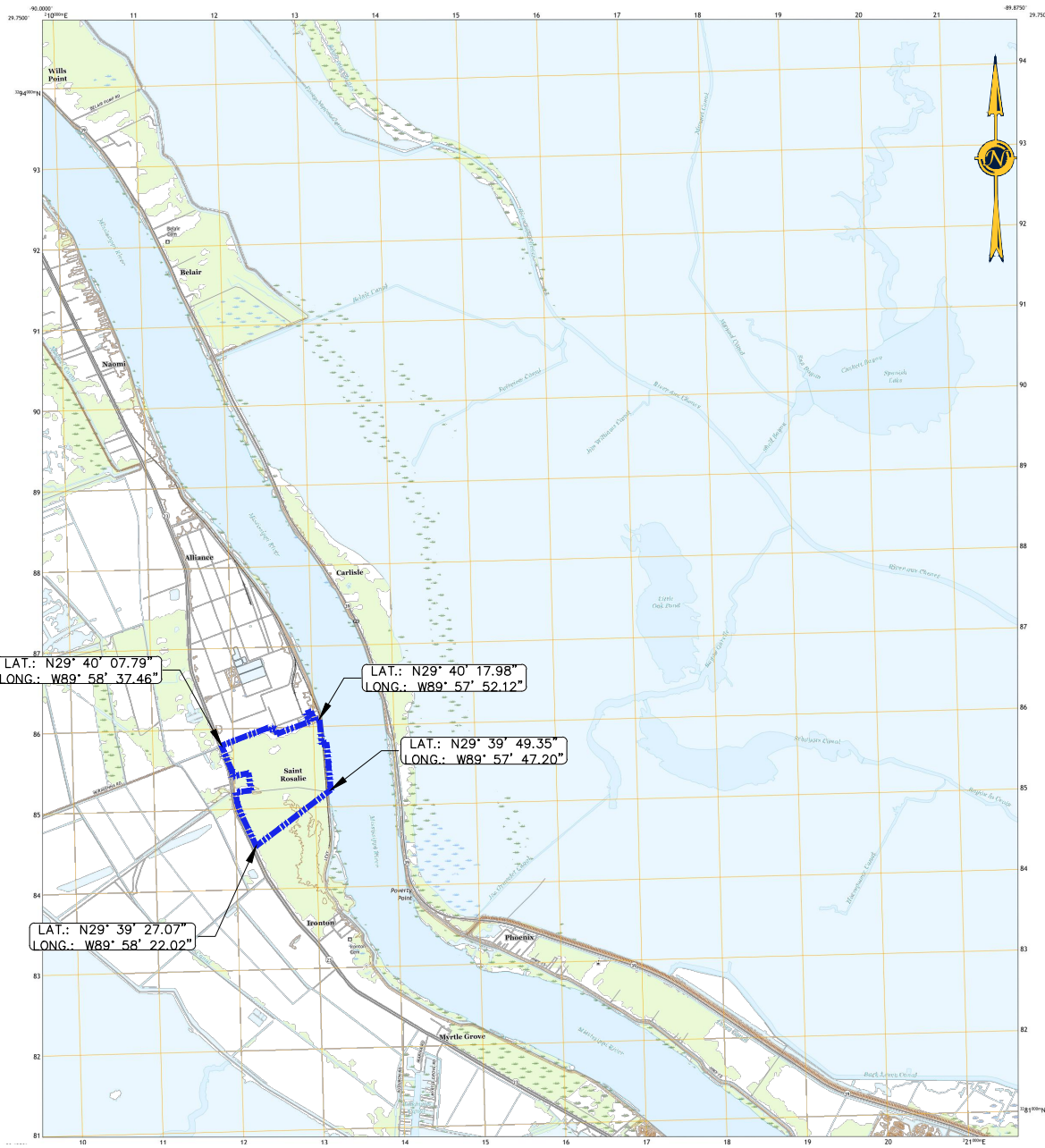


5000' 0' 5000' 10000' 15000'



PROJECT VICINITY

NOT TO SCALE



LAT.: N29° 40' 07.79"
LONG.: W89° 58' 37.46"

LAT.: N29° 40' 17.98"
LONG.: W89° 57' 52.12"

LAT.: N29° 39' 49.35"
LONG.: W89° 57' 47.20"

LAT.: N29° 39' 27.07"
LONG.: W89° 58' 22.02"



LEGEND

PROJECT AREA

REFERENCE

BASE MAP COMPRISED OF U.S.G.S 7.5 MINUTE TOPOGRAPHIC MAP "PHOENIX QUADRANGLE LOUISIANA - PLAQUEMINES PARISH"

REVISIONS

No.	Description	Date

PLAQUEMINES LIQUID TERMINAL

VICINITY MAP

Project number	
Date	APRIL 2018
Designed by	
Drawn by	
Checked by	
Checked by	
Plot Date	August 29, 2018

PHILLIPS 66
ALLIANCE REFINERY

RAIL OFFLOADING FACILITY
1,460 LF x 365 LF

E. RAVENNA RD

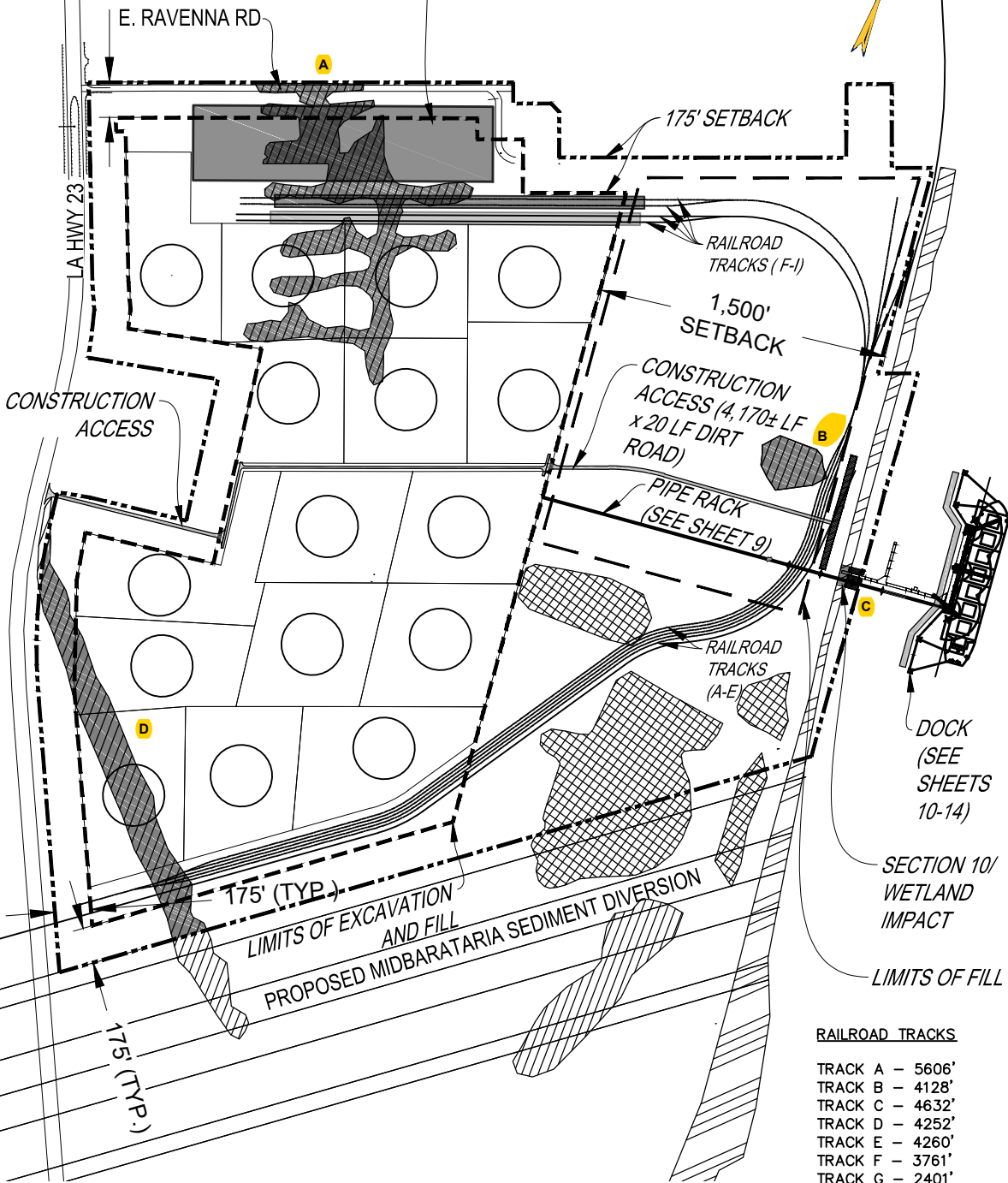
175' (TYP.)



CoastalEngineering
SOLUTIONS, LLC

REVISIONS

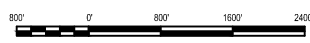
No.	Description	Date



RAILROAD TRACKS

- TRACK A - 5606'
- TRACK B - 4128'
- TRACK C - 4632'
- TRACK D - 4252'
- TRACK E - 4260'
- TRACK F - 3761'
- TRACK G - 2401'
- TRACK H - 3564'
- TRACK I - 2401'

- NOTE:
1. TANKS ARE 300' IN DIAMETER
 2. ALL RAILROAD TRACKS ARE ~ 13' WIDE



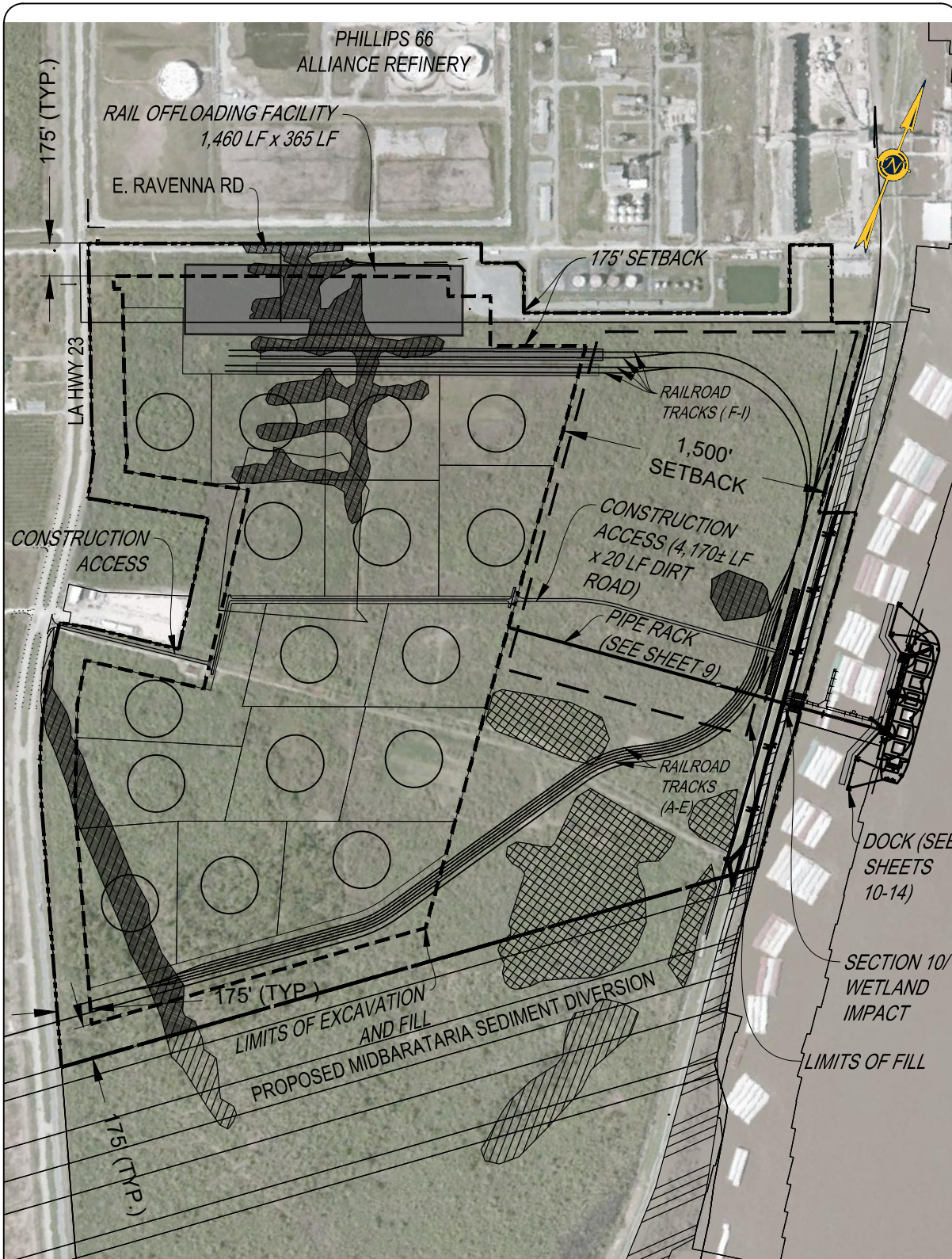
LEGEND

<ul style="list-style-type: none"> PROJECT AREA JURISDICTION WETLANDS PER U.S.A.C.E. PER MVN 2011-02552-SY (26 ACRE) NATURAL RESOURCES IMPACTED WETLAND (19.54 ACRES) SECTION 10/WETLAND IMPACTED SECTION 10/WETLAND (0.12 ACRES) 	<p>*WETLAND POLYGONS</p> <table border="0"> <thead> <tr> <th>IMPACTED WETLANDS</th> <th>MITIGATED WETLANDS</th> </tr> </thead> <tbody> <tr> <td>A 11.67 AC</td> <td>2.06 AC</td> </tr> <tr> <td>B 1.40 AC</td> <td>1.40 AC</td> </tr> <tr> <td>C 0.12 AC</td> <td>0.24 AC</td> </tr> <tr> <td>D 6.47 AC</td> <td>0.0 AC</td> </tr> </tbody> </table>	IMPACTED WETLANDS	MITIGATED WETLANDS	A 11.67 AC	2.06 AC	B 1.40 AC	1.40 AC	C 0.12 AC	0.24 AC	D 6.47 AC	0.0 AC
IMPACTED WETLANDS	MITIGATED WETLANDS										
A 11.67 AC	2.06 AC										
B 1.40 AC	1.40 AC										
C 0.12 AC	0.24 AC										
D 6.47 AC	0.0 AC										

PLAQUEMINES LIQUID TERMINAL

SITE PLAN

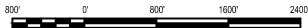
Project number	
Date	APRIL 2018
Designed by	
Drawn by	
Checked by	
Checked by	
Plot Date	August 29, 2018



REVISIONS

No.	Description	Date

- NOTE:
- TANKS ARE 300' IN DIAMETER
 - ALL RAILROAD TRACKS ARE ~ 13' WIDE



RAILROAD TRACKS

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- TRACK C - 4632'
- TRACK D - 4252'
- TRACK E - 4260'
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LEGEND

- PROJECT AREA
- JURISDICTION WETLANDS PER U.S.A.CE. PER MVN 2011-02552-SY (26 ACRE)
- NATURAL RESOURCES
- IMPACTED WETLAND (19.54 ACRES)
- SECTION 10/WETLAND
- IMPACTED SECTION 10/WETLAND (0.12 ACRES)

PLAQUEMINES LIQUID TERMINAL

SITE PLAN WITH AERIAL

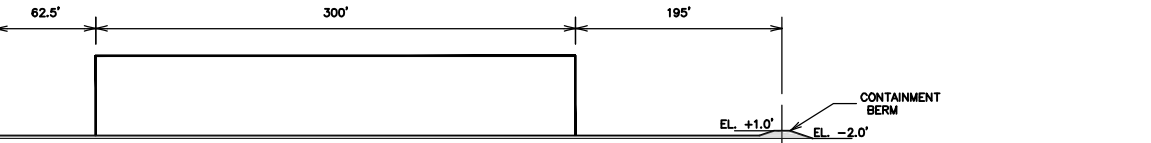
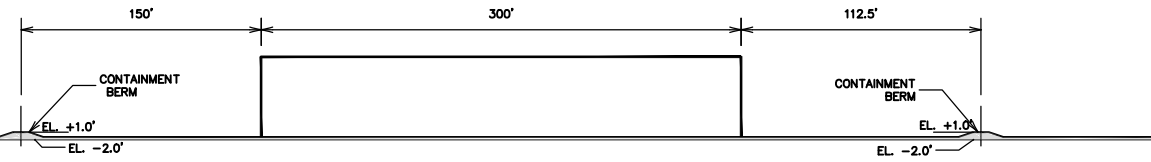
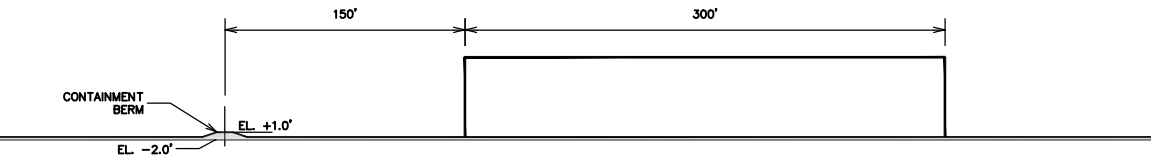
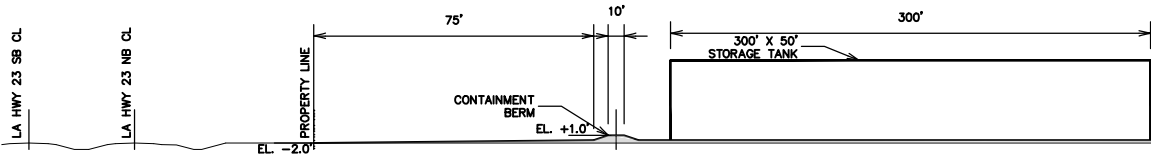
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Date	APRIL 2018
Designed by	
Drawn by	
Checked by	
Checked by	
Plot Date	August 29, 2018



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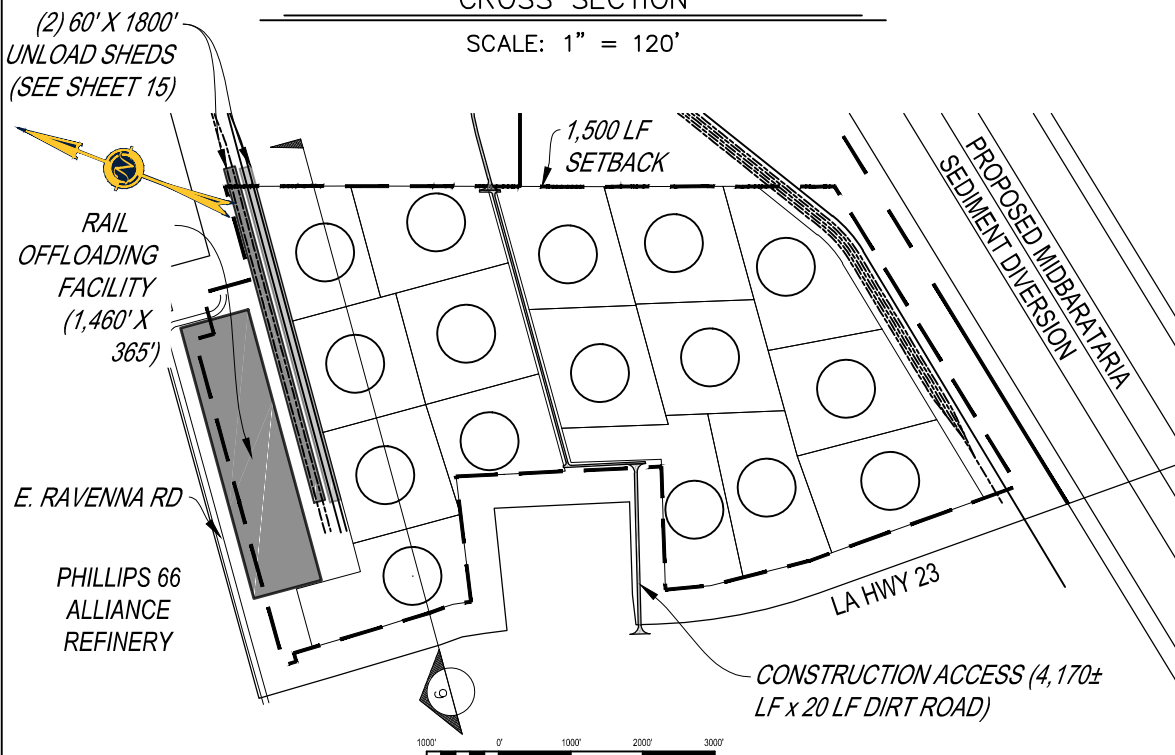
REVISIONS

No.	Description	Date



CROSS SECTION

SCALE: 1" = 120'



KEY PLAN

SCALE: 1" = 1,000'

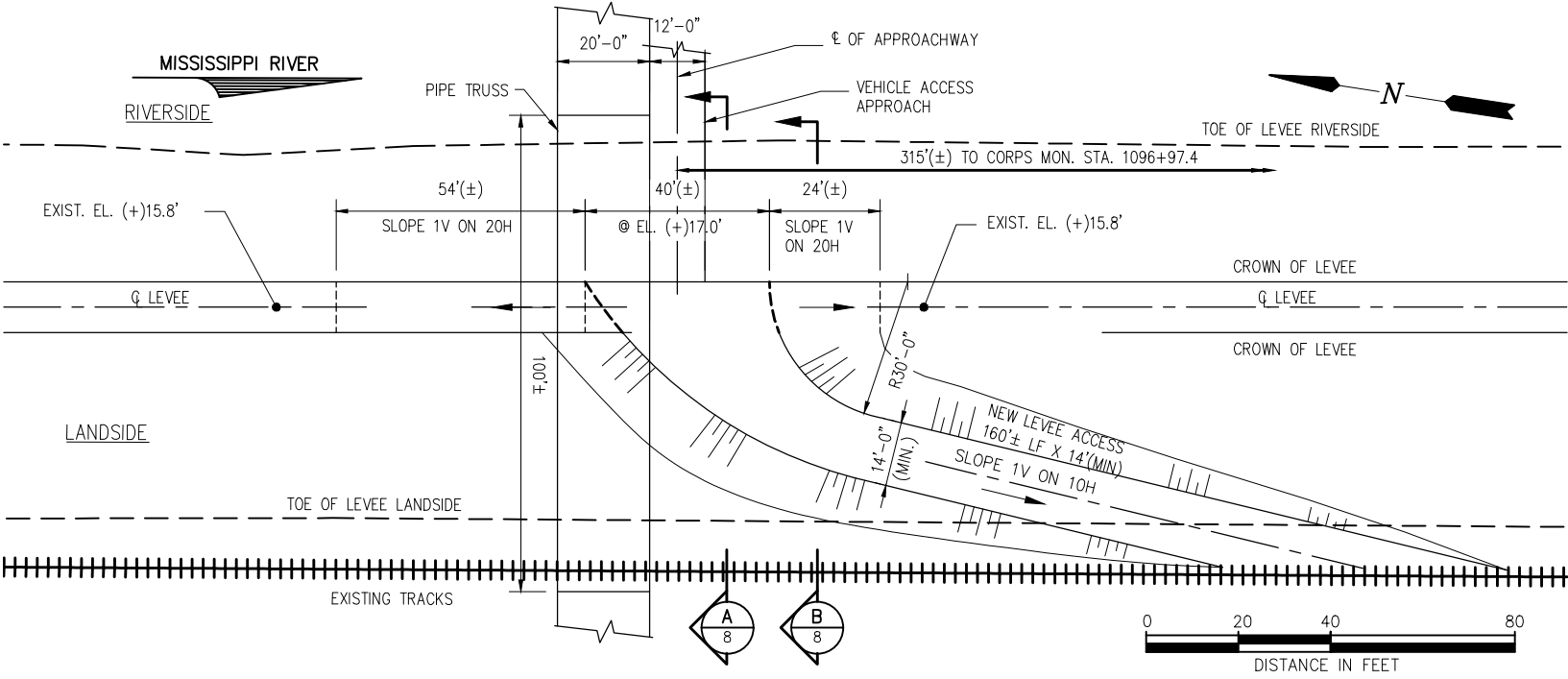
	ELEVATION (FT.)	VOLUME (CUYD)
EXISTING GROUND	-2.0	
PROPOSED CONTAINMENT DIKE	+1.0	150,250

PLAQUEMINES LIQUID TERMINAL

SITE PLAN CROSS SECTION

Project number	
Date	APRIL 2018
Designed by	
Drawn by	
Checked by	
Checked by	
Plot Date	August 29, 2018

6



ENLARGED LEVEE CROSSING PLAN

NOTE: THE IMAGE ABOVE IS A GENERAL REPRESENTATION OF THE WORK AREA. ACTUAL FIELD CONDITIONS MAY DIFFER.
 DATUM: NADV 88

ALL DISTANCES SHALL BE AS PER DIMENSIONS PROVIDED BY ENGINEER AS SHOWN ON DRAWING. LINES AND OBJECTS SHOWN MAY BE INCORRECT. USE OF THIS DRAWING FOR DIMENSIONING PURPOSES IS AT THE RISK OF THE CONTRACTOR.



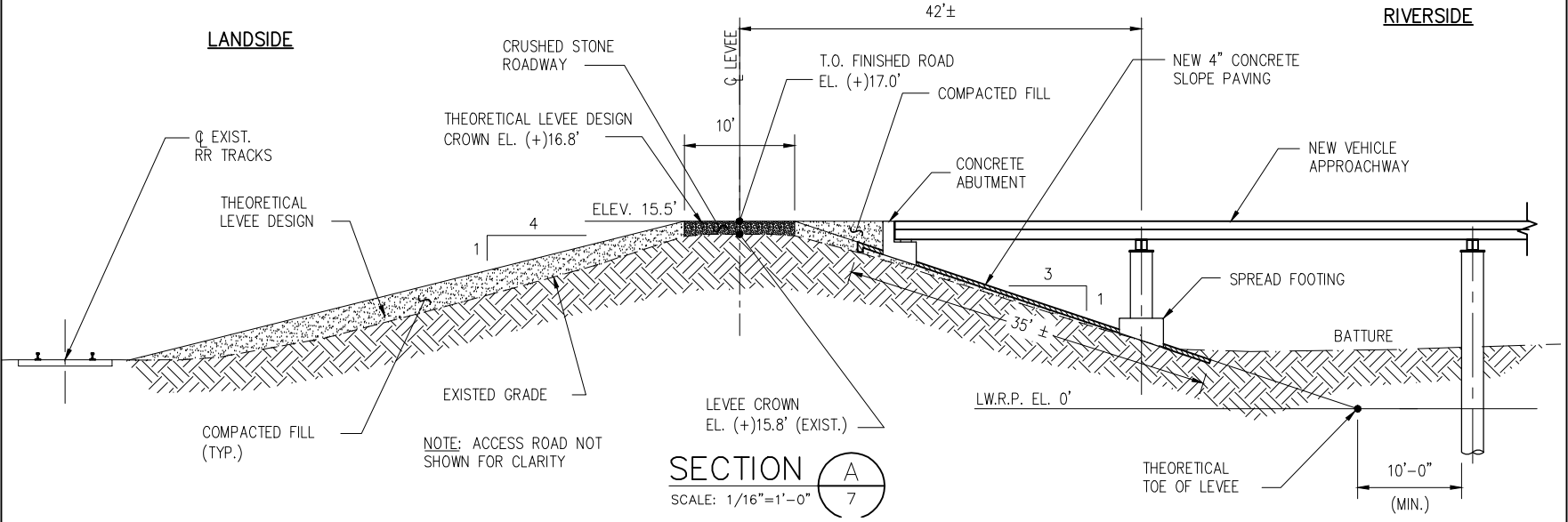
REVISIONS		
No.	Description	Date

**PLAQUEMINES
 LIQUID TERMINAL**

LEVEE CROSSING PLAN

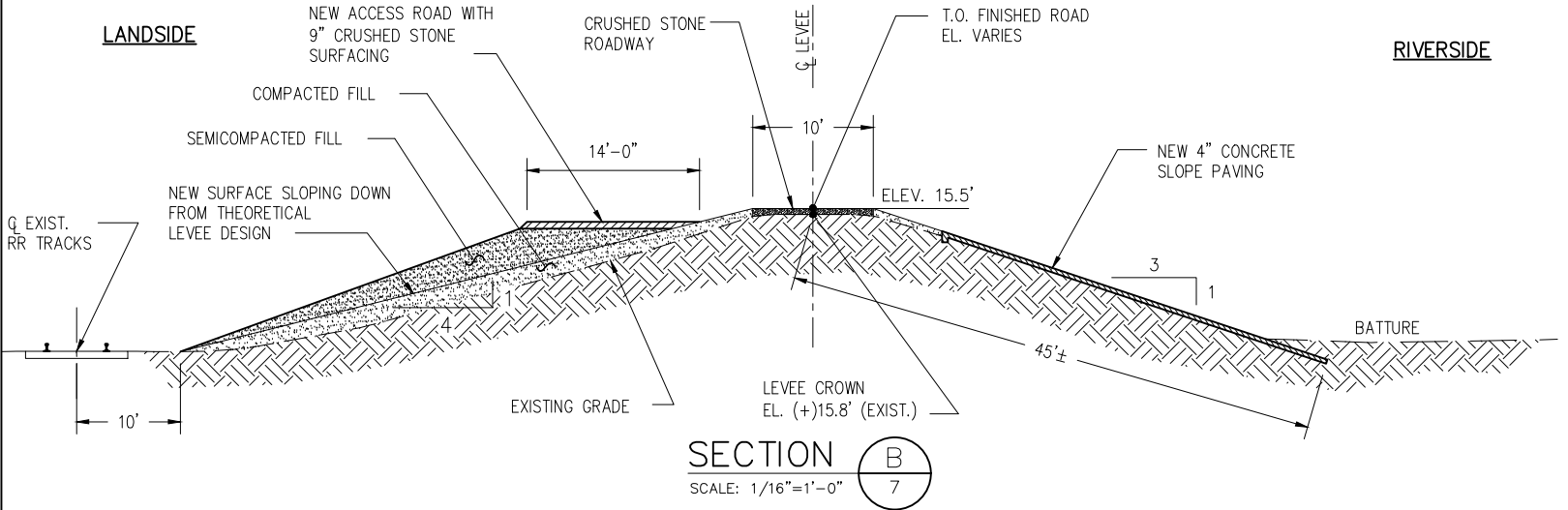
Project number	
Date	
Designed by	
Drawn by	
Checked by	
Plot Date	August 29, 2018

RIVERSIDE



SECTION A
SCALE: 1/16"=1'-0"

RIVERSIDE



SECTION B
SCALE: 1/16"=1'-0"

NOTE: THE IMAGE ABOVE IS A GENERAL REPRESENTATION OF THE WORK AREA. ACTUAL FIELD CONDITIONS MAY DIFFER.
DATUM: NADY 88

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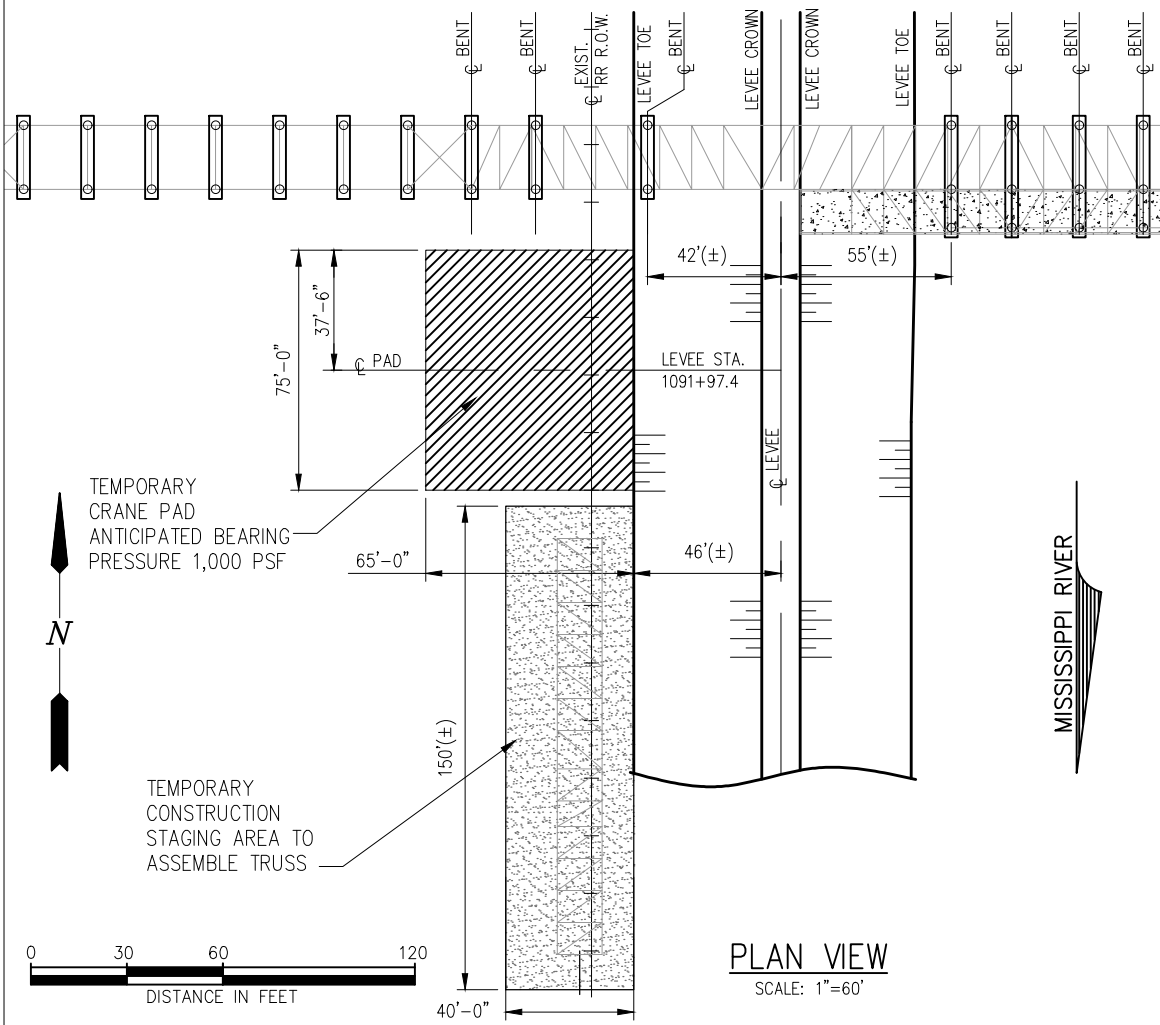
REVISIONS	
No.	Description

PLAQUEMINES LIQUID TERMINAL
LEVEE CROSSING SECTIONS

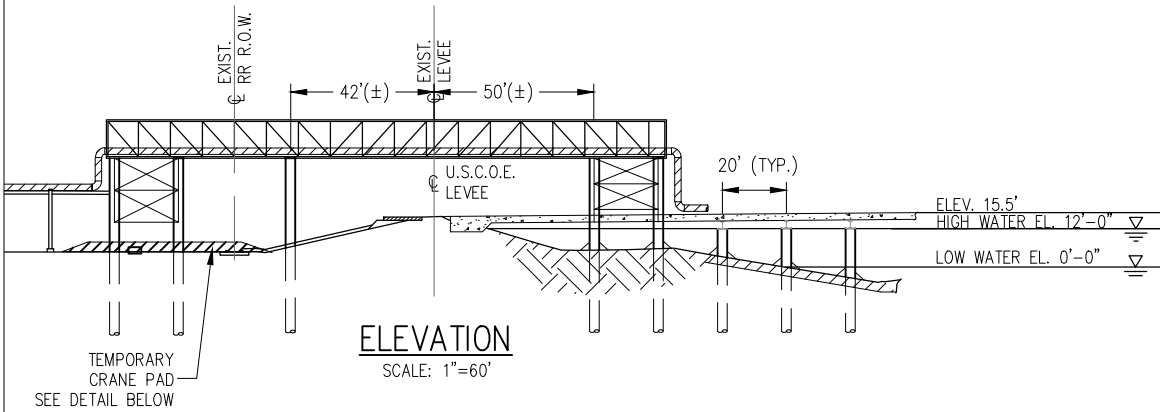
Project number
Date
Designed by
Drawn by
Checked by
Plot Date
August 29, 2018



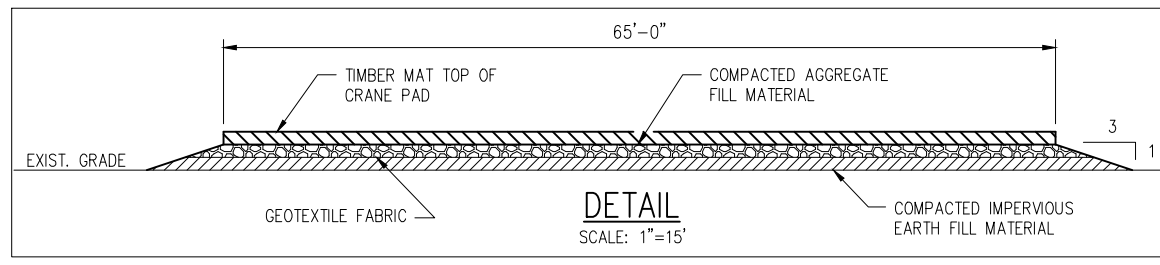
CoastalEngineering
SOLUTIONS, LLC



PLAN VIEW
SCALE: 1"=60'



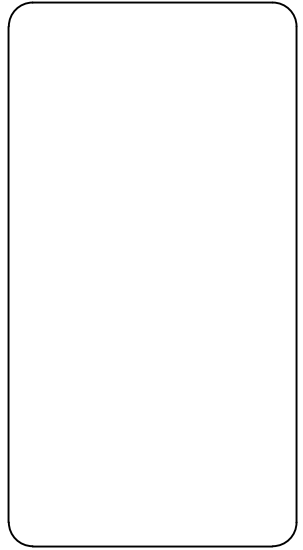
ELEVATION
SCALE: 1"=60'



DETAIL
SCALE: 1"=15'

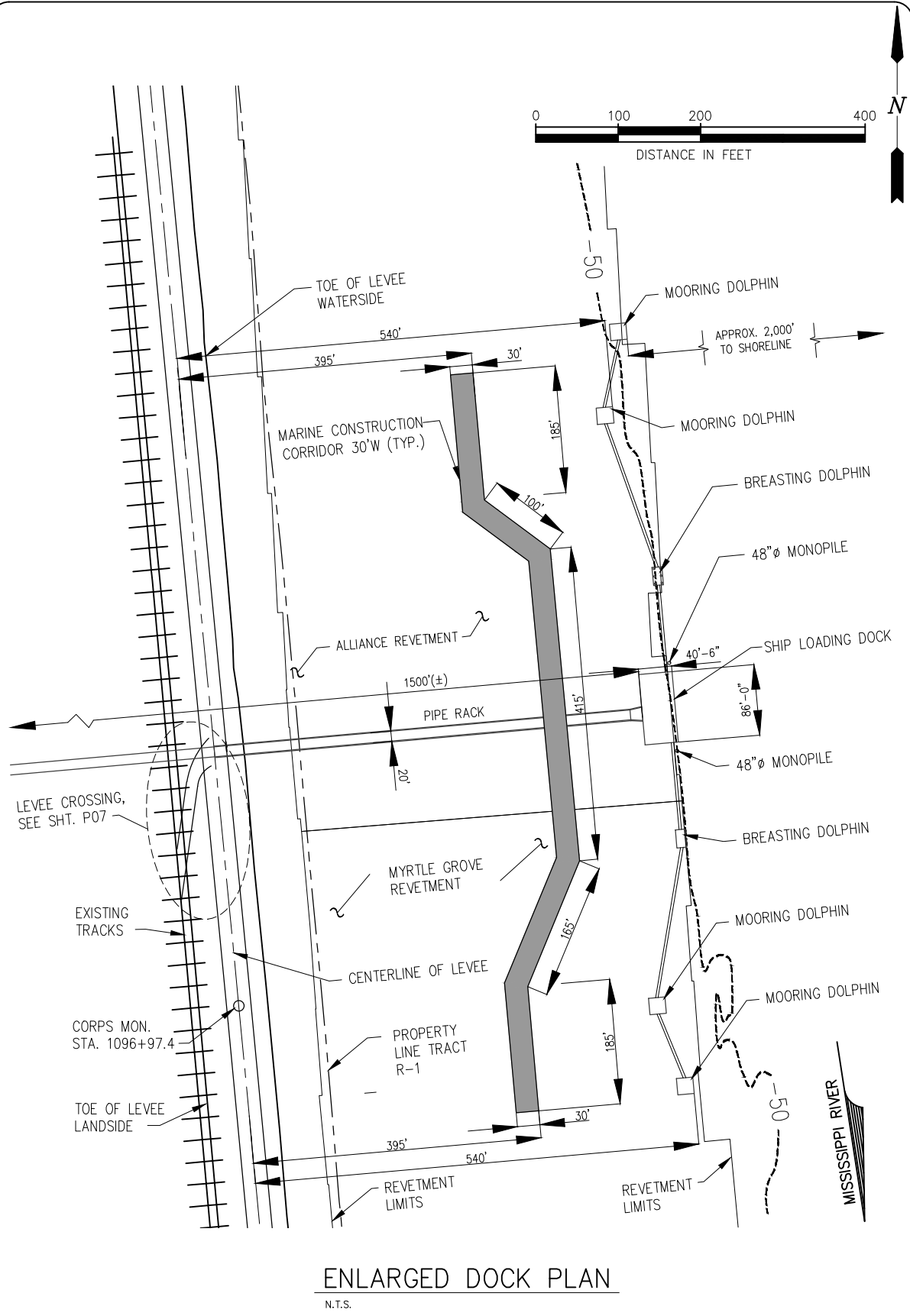
NOTE: THE IMAGE ABOVE IS A GENERAL REPRESENTATION OF THE WORK AREA. ACTUAL FIELD CONDITIONS MAY DIFFER.
DATUM: NADV 88

REVISIONS		
No.	Description	Date



PLAQUEMINES LIQUID TERMINAL	
LEVEE CRANE PAD AND TRUSS STAGING AREAS	
Project number	
Date	
Designed by	
Drawn by	
Checked by	
Checked by	
Plot Date	August 29, 2018

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ENLARGED DOCK PLAN

N.T.S.

REVISIONS		
No.	Description	Date

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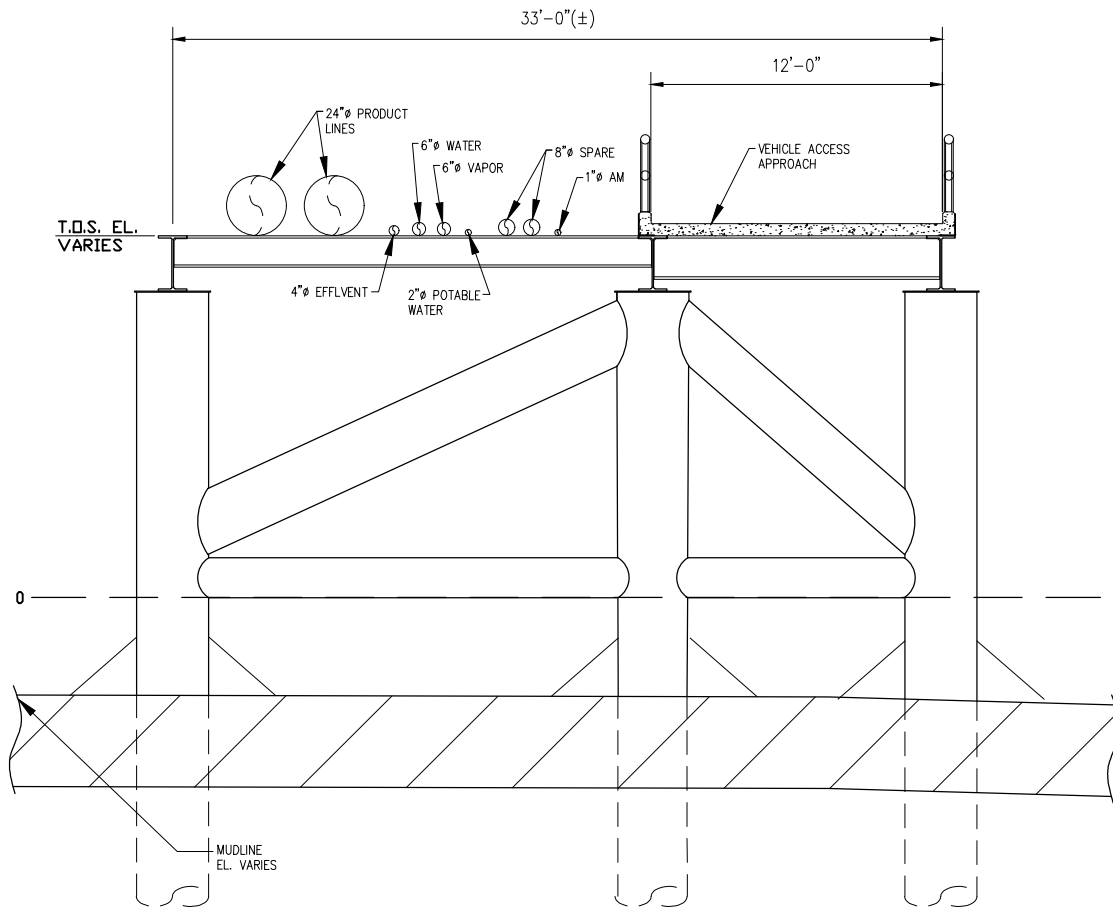
PLAQUEMINES LIQUID TERMINAL	
DOCK PLAN	
Project number	39145-1104
Date	APRIL 2018
Designed by	GIS
Drawn by	GIS
Checked by	BJ
Checked by	ST
Plot Date	August 30, 2018

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DATUM: NADV 88

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CoastalEngineering
SOLUTIONS, LLC



SECTION @ PIPE BRIDGE & ROAD ACCESS

1/8"=1'-0"



REVISIONS

No.	Description	Date

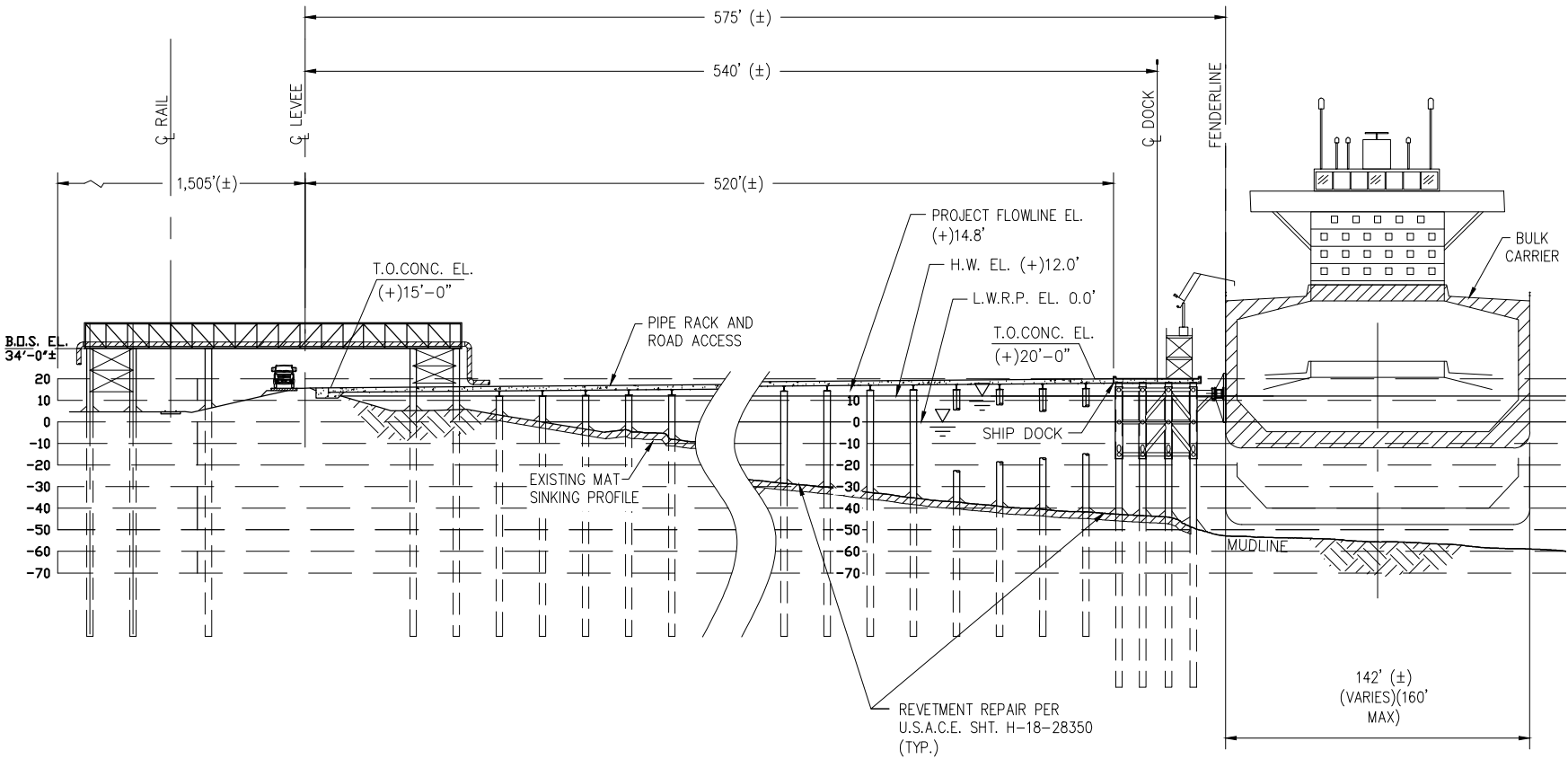
PLAQUEMINES LIQUID TERMINAL

DOCK APPROACH CROSS SECTION

Project number	
Date	
Designed by	
Drawn by	
Checked by	
Checked by	
Plot Date	August 29, 2018

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TYPICAL SECTION

GRAPHIC SCALE

2

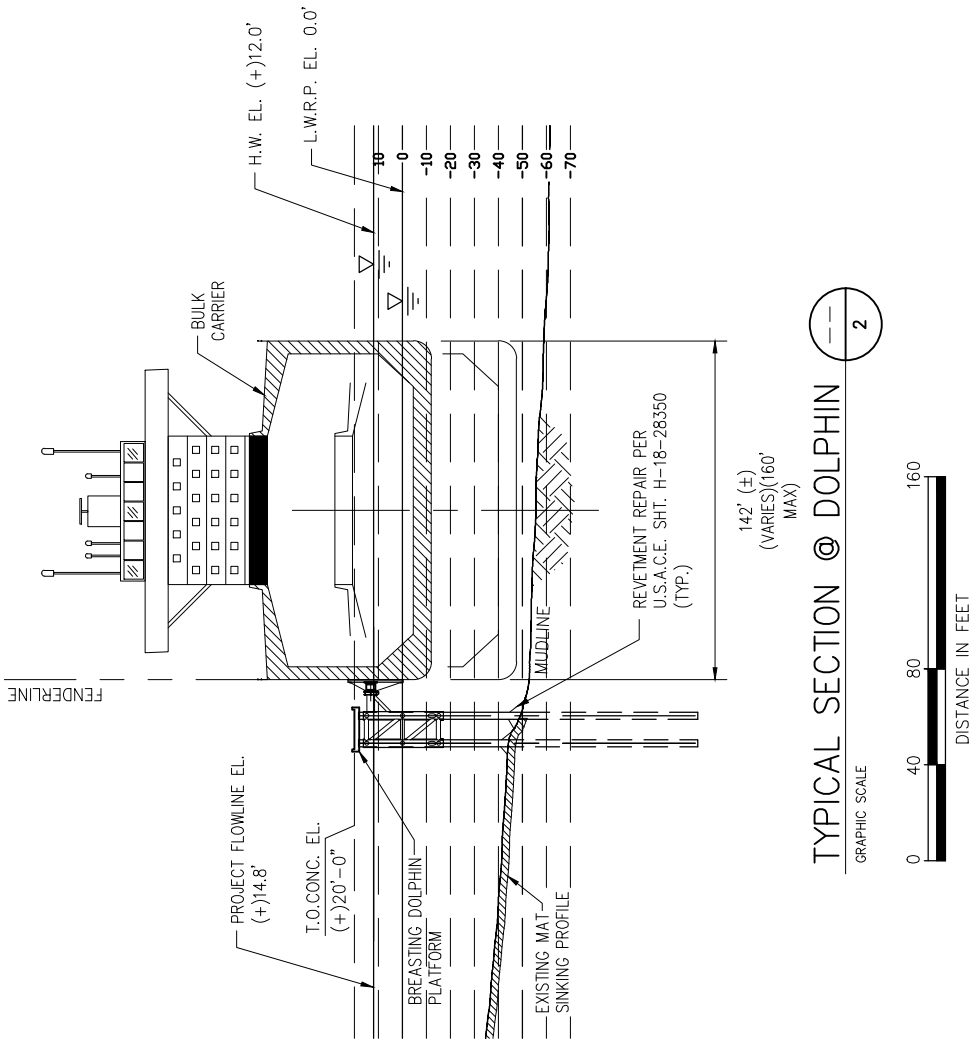


REVISIONS		
No.	Description	Date

**PLAQUEMINES
LIQUID TERMINAL**

DOCK CROSS SECTION

Project number	
Date	
Designed by	
Drawn by	
Checked by	
Plot Date	August 29, 2018



2

REVISIONS		
No.	Description	Date

**PLAQUEMINES
LIQUID TERMINAL**

MOORING CROSS SECTION

Project number	
Date	
Designed by	
Drawn by	
Checked by	
Checked by	
Plot Date	August 29, 2018

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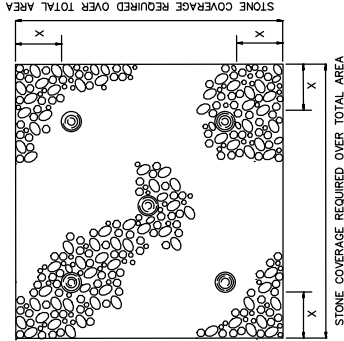
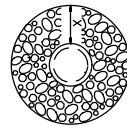
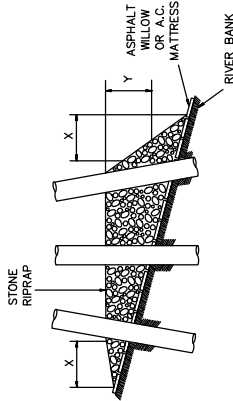
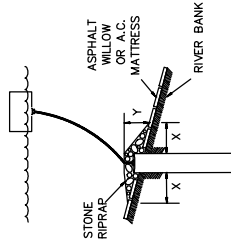
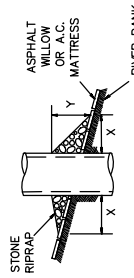
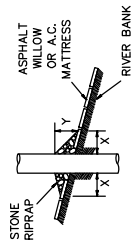
NOTE: THE IMAGE ABOVE IS A GENERAL REPRESENTATION OF THE WORK AREA, ACTUAL FIELD CONDITIONS MAY DIFFER.
DATUM: NADV 88

PILE

CAISSON

SPUD PILE (BUOY AND ANCHOR CHAIN)

PILE CLUSTER



NOTES:

1. SIZE OF RIPRAP TO VARY BETWEEN 6 POUNDS AND 125 POUNDS WITH 40 PERCENT TO 60 PERCENT OF THE STONE WITHIN THE RANGE OF 25 POUNDS TO 75 POUNDS.
2. WHEN PENETRATING THE UPPER BANK PAVING IN A RETEVMENT AREA WITH PILES, CAISSONS AND/OR PILE CLUSTERS, A 10 INCH THICK RIPRAP STONE LAYER SHALL BE PLACED OVER ALL AREAS WHERE THE BANK PAVING IS DISTURBED BY DRIVING OPERATIONS.
3. WHEN USING AN ANCHOR CHAIN AND BUOY SYSTEM, THE ANCHOR CHAIN MUST BE ATTACHED AT THE TOP OF THE PILE TO MINIMIZE RETEVMENT DAMAGE.

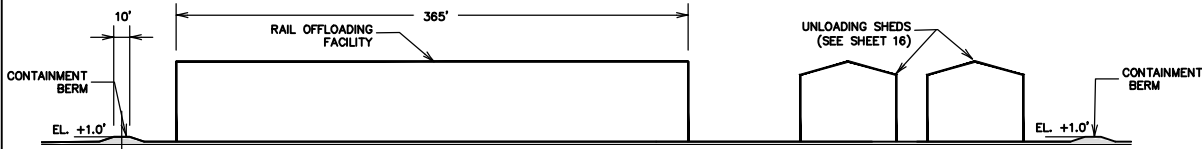
DEPTH OF WATER IN FEET AT POINT OF PENETRATION AT TIME OF STONE PLACEMENT	DIMENSIONS IN FEET FOR PROTECTION AREA REQUIRED									
	PILE		CAISSON			SPUD PILE (BUOY AND ANCHOR CHAIN)			PILE CLUSTER	
	X	Y	X	Y	X	Y	X	Y	X	Y
1' - 10'	3	1.5	5	2	2		3		3	1
11' - 40'	5	2	8	3	3		6		6	2
41' - 60'	8	3	12	4	4		10		10	3



REVISIONS		
No.	Description	Date

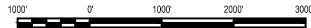
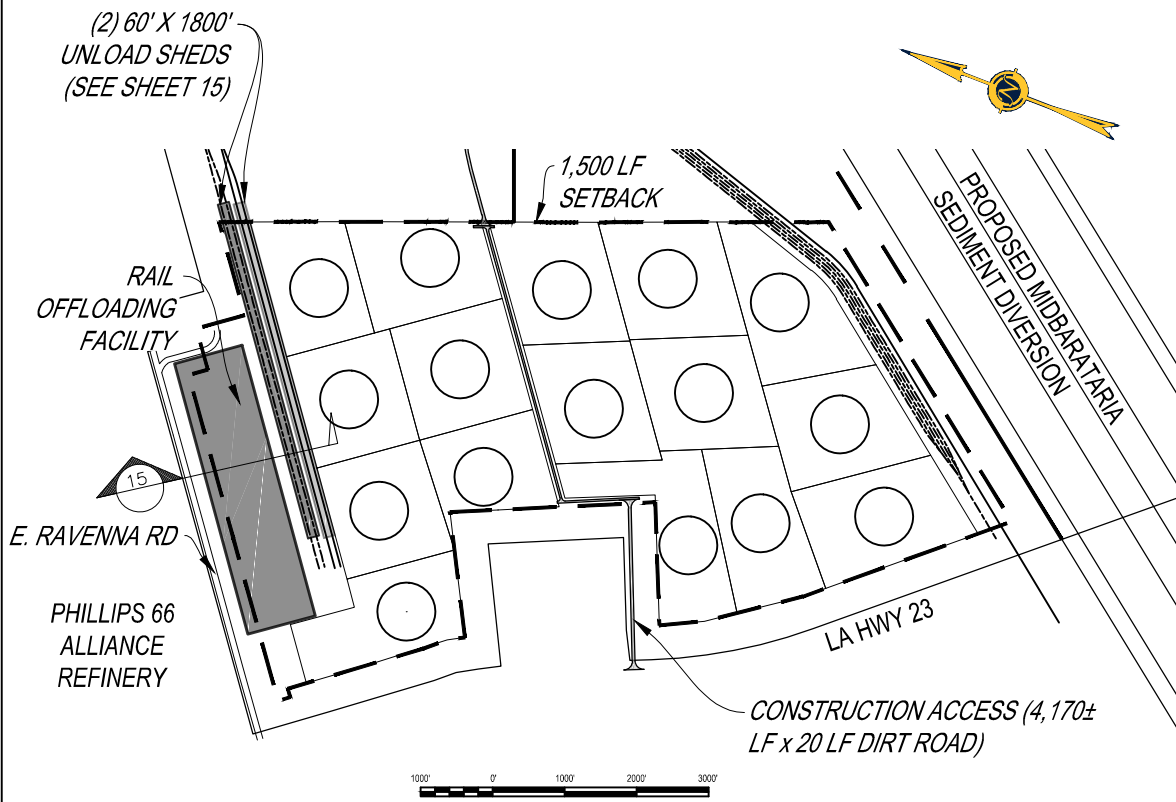
--

PLAQUEMINES LIQUID TERMINAL	
RETEVMENT REPAIR DETAILS	
Project number	
Date	APRIL 2018
Designed by	
Drawn by	
Checked by	
Checked by	
Plot Date	August 29, 2018



CROSS SECTION

SCALE: N.T.S.

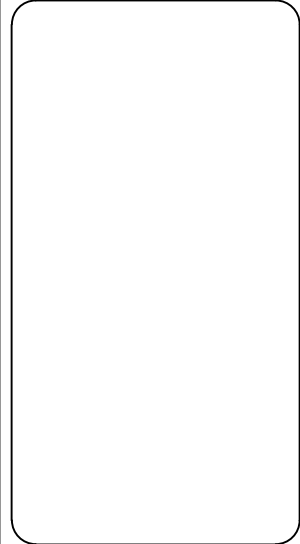


KEY PLAN

SCALE: 1" = 1,000'

REVISIONS

No.	Description	Date



PLAQUEMINES LIQUID TERMINAL

RAIL CROSS SECTION

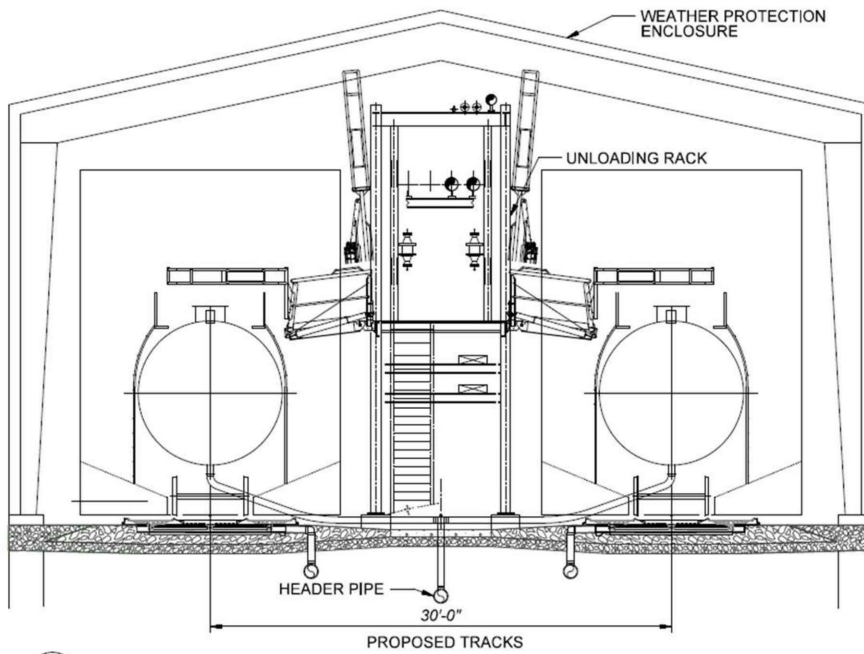
Project number	
Date	APRIL 2018
Designed by	
Drawn by	
Checked by	
Checked by	
Plot Date	August 30, 2018



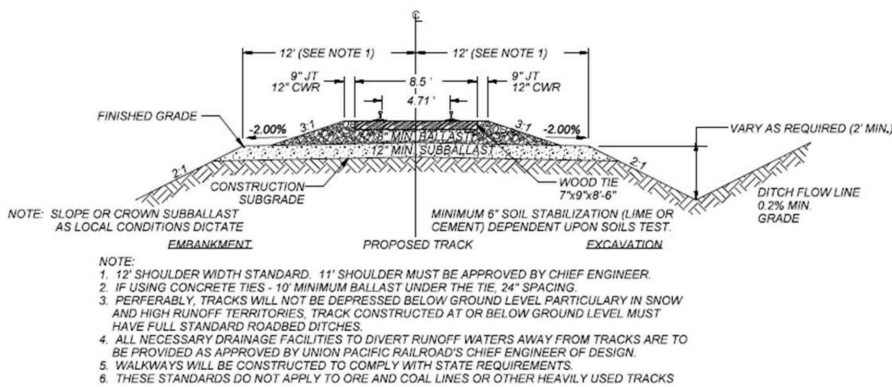
CoastalEngineering SOLUTIONS, LLC

REVISIONS

No.	Description	Date



UNLOADING SHED (TYP.)



TYPICAL ARRANGEMENT SINGLE TRACK SECTION

NOTE: THE IMAGE ABOVE IS A GENERAL REPRESENTATION OF THE WORK AREA, ACTUAL FIELD CONDITIONS MAY DIFFER.

PLAQUEMINES LIQUID TERMINAL

TYPICAL RAIL DETAILS

Project number	
Date	APRIL 2018
Designed by	
Drawn by	
Checked by	
Checked by	
Plot Date	August 29, 2018