

# JOINT PUBLIC NOTICE

12 September 2016

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

(504) 862-2279  
[kara.vick@usace.army.mil](mailto:kara.vick@usace.army.mil)  
Project Manager  
Kara Vick  
Permit Application Number  
MVN 1997-03483 EV

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 160907-01

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 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).

## **UPGRADES to EXISTING BARGE DOCK in the MISSISSIPPI RIVER in ST. CHARLES PARISH**

**NAME OF APPLICANT:** Archer Daniels Midland (ADM) Grain Company C/O Lanier & Associates Engineers, ATTN: Mr. Price Lanier, at 4101 Magazine Street, New Orleans, Louisiana 70115.

**LOCATION OF WORK:** On the Mississippi River, approximately 117.6 miles above Head of Passes, on the right descending bank, on LA-18 East, near Ama, in Saint Charles Parish, Louisiana, as shown on the attached drawings.

**HUC:** 08090100; Lower Mississippi Region

**CHARACTER OF WORK:** To install three new ship loaders with pile foundations, extending the dock downstream with four new breasting dolphins, two new mooring dolphins, and seventeen new barge monopiles, and the existing transfer tower will be modified and re-supported with new piles and framing members. Furthermore, 12,000 cubic yards of material will be dredged adjacent to the upgraded dock and 1,000 cubic yards of rock material will be placed for revetment repair. The 12,000 cubic yards of dredged material will be deposited beyond the -55' contour line.

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**. 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

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 would neither affect any species, nor habitat designated as critical to the survival of any species, listed as endangered by the U.S. Department of Commerce.

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

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 N/A acre 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.

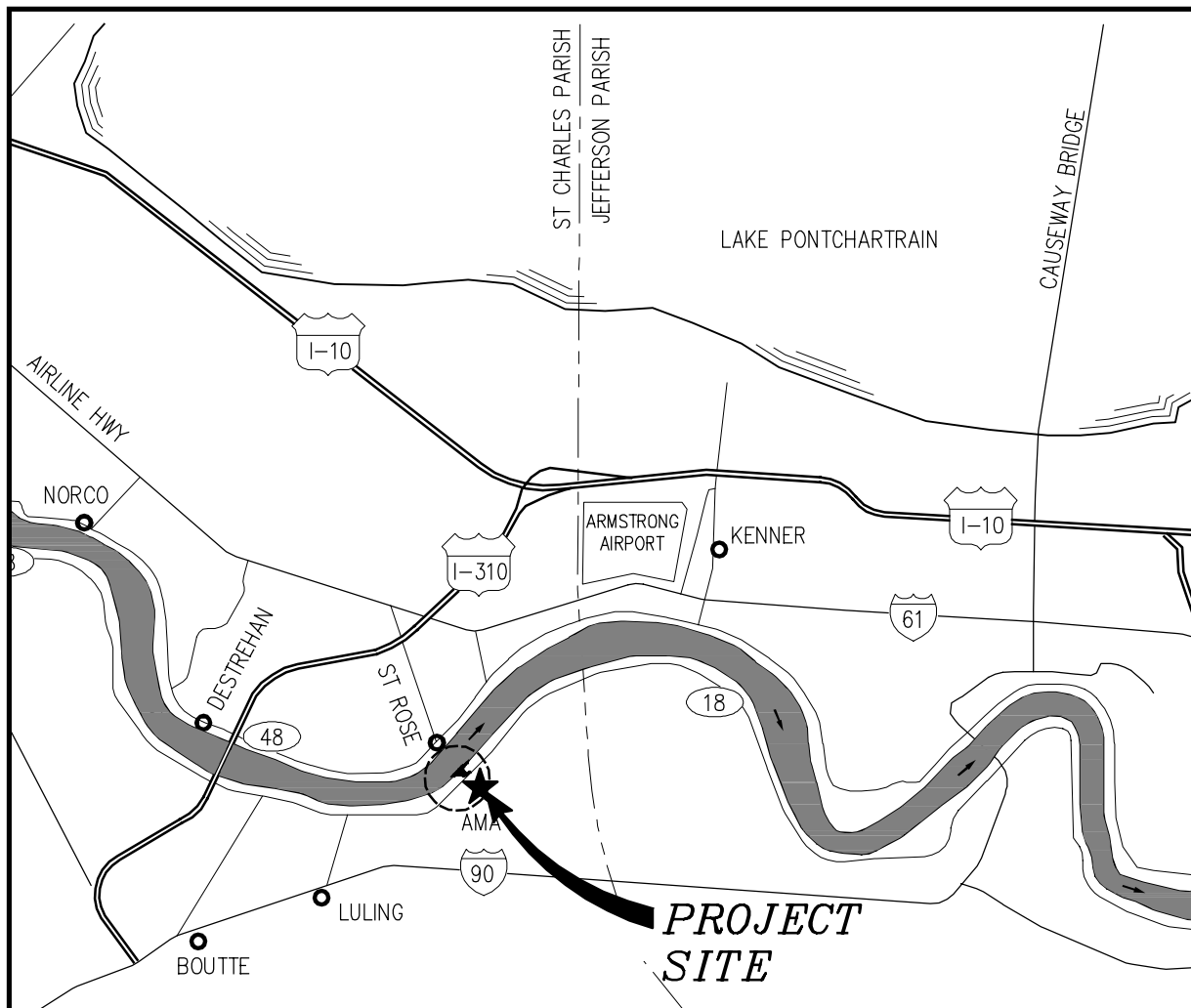
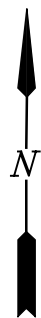
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

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

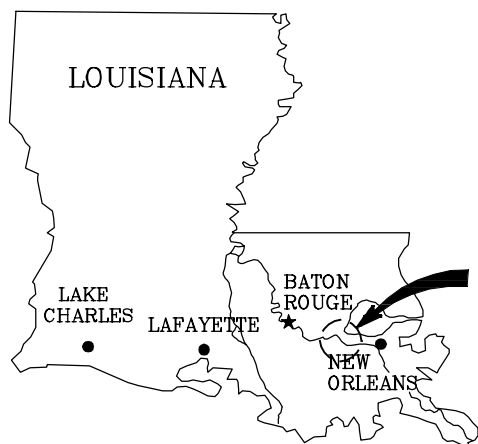


### VICINITY MAP

GRAPHIC SCALE IN MILES



LAT. 29° 56' 26.2"  
LONG. 90° 18' 41.1"

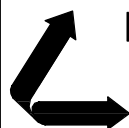


### AREA MAP

### GENERAL NOTES

1. AS-BUILT DRAWINGS WILL BE SUBMITTED WITHIN 30 DAYS OF COMPLETION OF THIS PROJECT TO THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES, OFFICE OF CONSERVATION, PIPELINE DIVISION P.O. BOX 94275 BATON ROUGE, LA 70804, AND TO THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL MANAGEMENT DIVISION, P.O. BOX 44487, BATON ROUGE, LA 70804.
2. ALL STRUCTURES, FACILITIES, WELL AND PIPELINES/FLOWLINES OCCURRING IN OPEN WATER AREAS OR IN OILFIELD CANALS OR SLIPS SHALL BE REMOVED WITHIN 120 DAYS OF ABANDONMENT OR THE FACILITIES FOR THE HEREIN PERMITTED USE UNLESS PRIOR WRITTEN APPROVAL TO LEAVE SUCH STRUCTURES IN PLACE IS RECEIVED FROM THE COASTAL MANAGEMENT DIVISION. THIS CONDITION DOES NOT PRECLUDE THE NECESSITY FOR REVISION THE CURRENT PERMIT OR OBTAINING A SEPARATE COASTAL USE PERMIT, SHOULD ONE BE REQUIRED.
3. STRUCTURES MUST ALSO BE MARKED/LIGHTED IN ACCORDANCE WITH U.S. COAST GUARD REGULATIONS.
4. IN ORDER TO ENSURE THE SAFETY OF ALL PARTIES, THE PERMITTED SHALL CONTACT THE LOUISIANA ONE CALL SYSTEM (1-800-272-3020) A MINIMUM OF 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION (DIGGING, DREDGING, JETTING, ETC.) OR DEMOLITION ACTIVITY.

9762-1-P1



**LANIER & ASSOCIATES**

CONSULTING ENGINEERS  
INCORPORATED

NEW ORLEANS, LA · BEAUMONT, TX

AMA

**ADM GRAIN CO.**

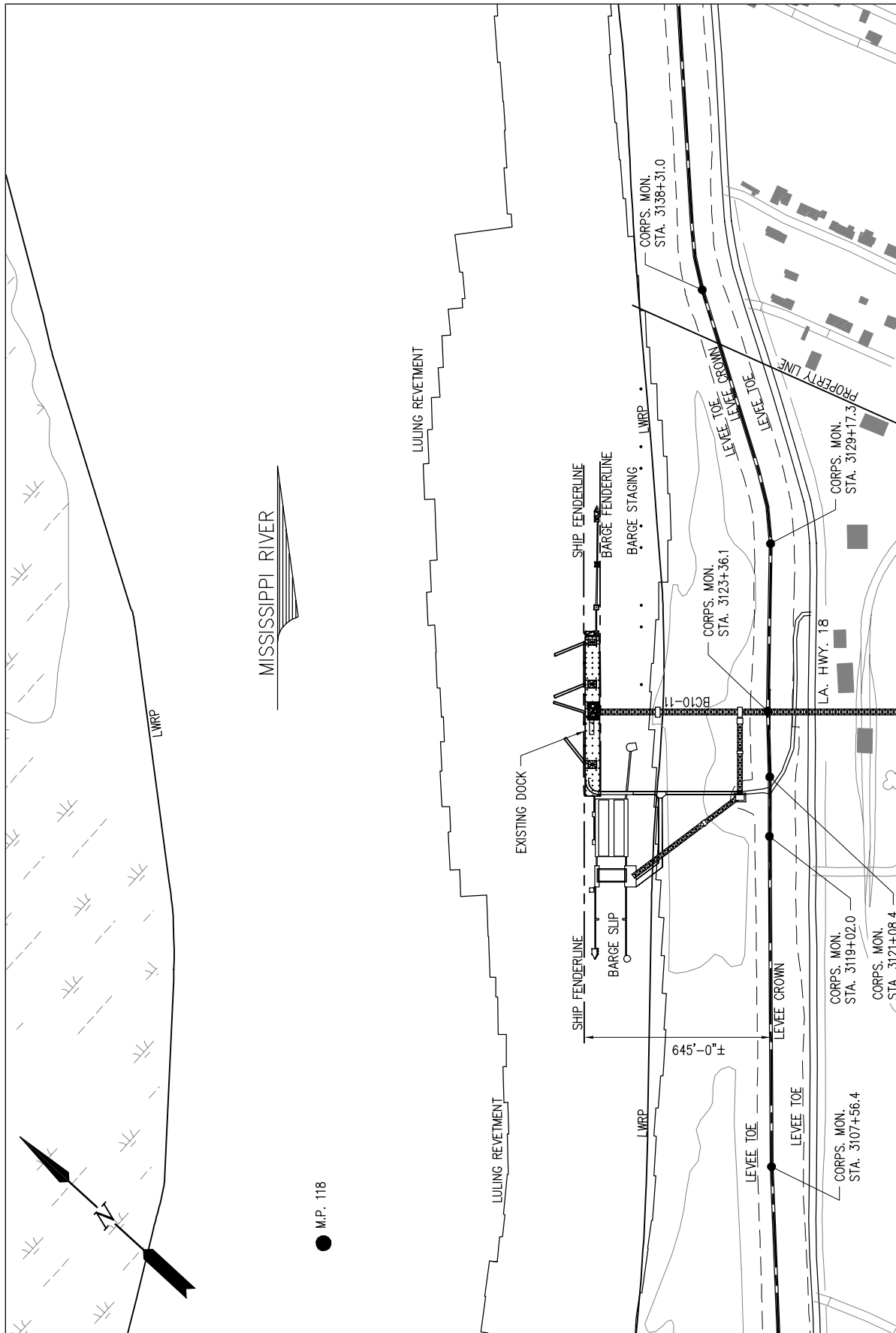
LOUISIANA

**NEW SHIP LOADING SYSTEM**

**VICINITY MAP AND AREA MAP**

DATE MAY 2016  
DESIGN AKG  
DRAWN WGL  
CHECK BNF  
CONTRACT 9762-1  
SHEET No.

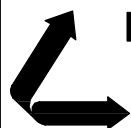
1 OF 15



# OVERALL EXISTING SITE PLAN



9762-1-P2



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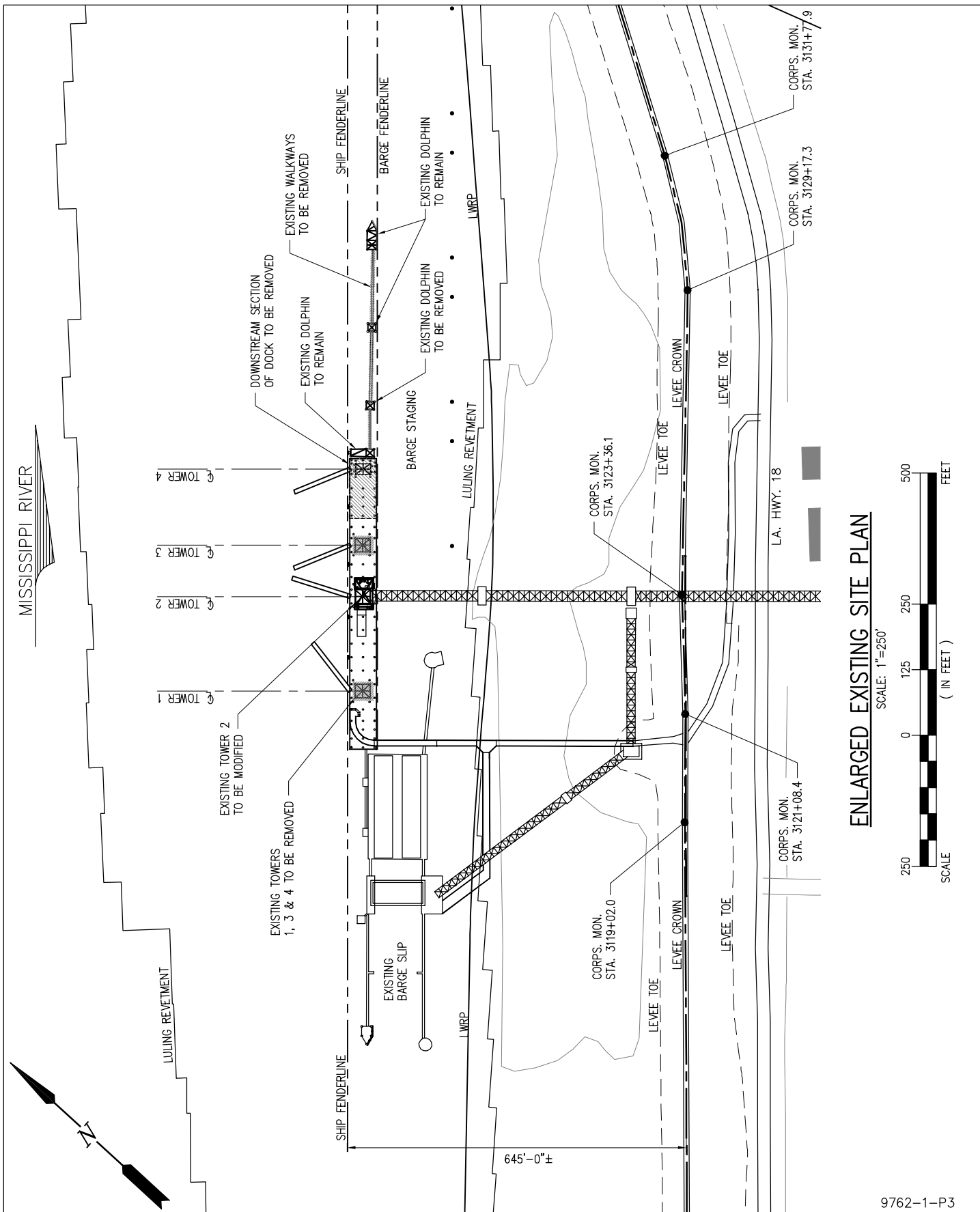
LOUISIANA

**NEW SHIP LOADING SYSTEM**

**EXISTING SITE PLAN**

DATE MAY 2016  
DESIGN AKG  
DRAWN WGL  
CHECK BNF  
CONTRACT 9762-1  
SHEET No.

**2** OF **15**



# ENLARGED EXISTING SITE PLAN

SCALE: 1"=250'



9762-1-P3



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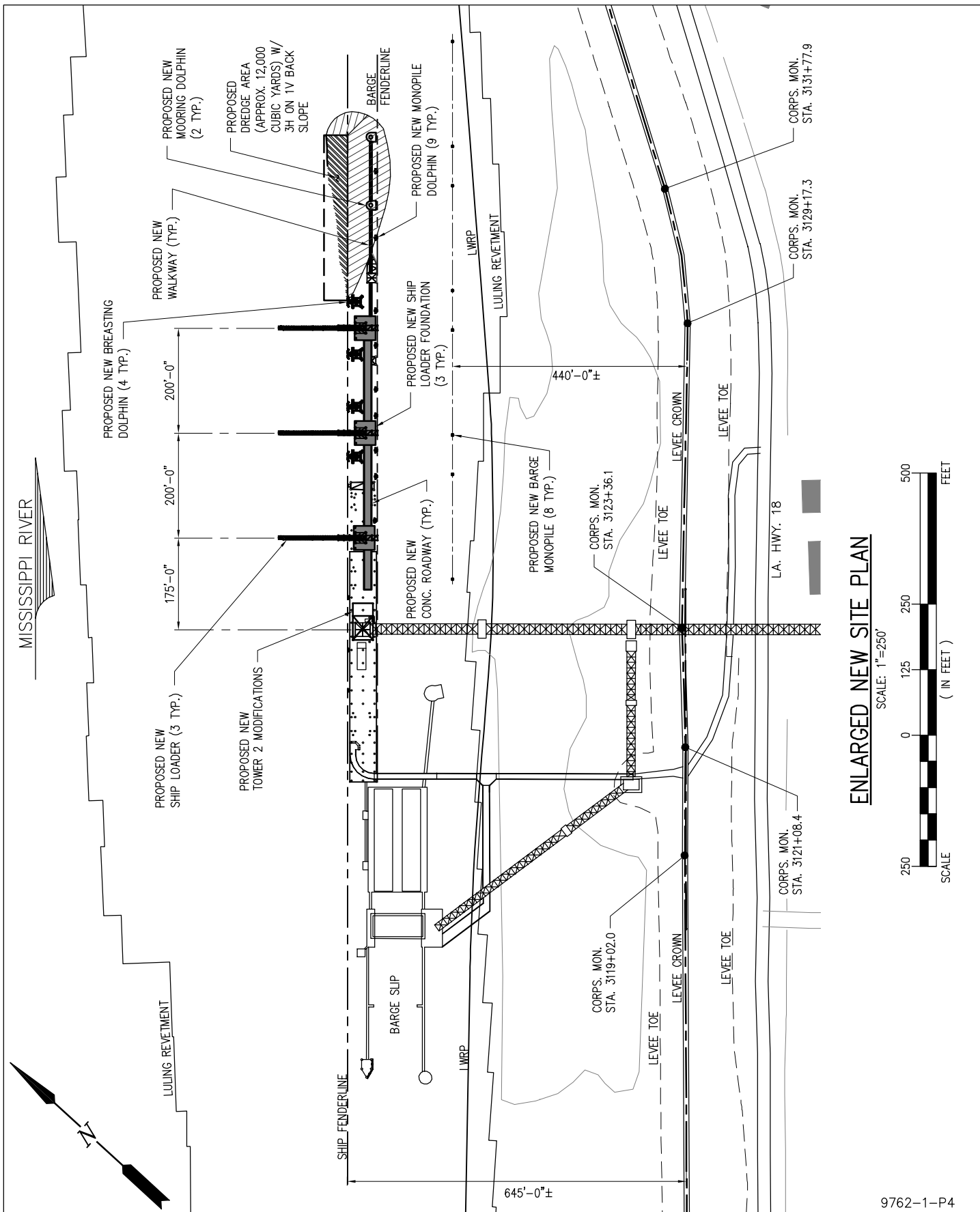
LOUISIANA

**NEW SHIP LOADING SYSTEM**

**ENLARGED EXISTING SITE PLAN**

DATE MAY 2016  
DESIGN AKG  
DRAWN WGL  
CHECK BNF  
CONTRACT 9762-1  
SHEET No.

**3** OF **15**



# ENLARGED NEW SITE PLAN

SCALE: 1"=250'



9762-1-P4



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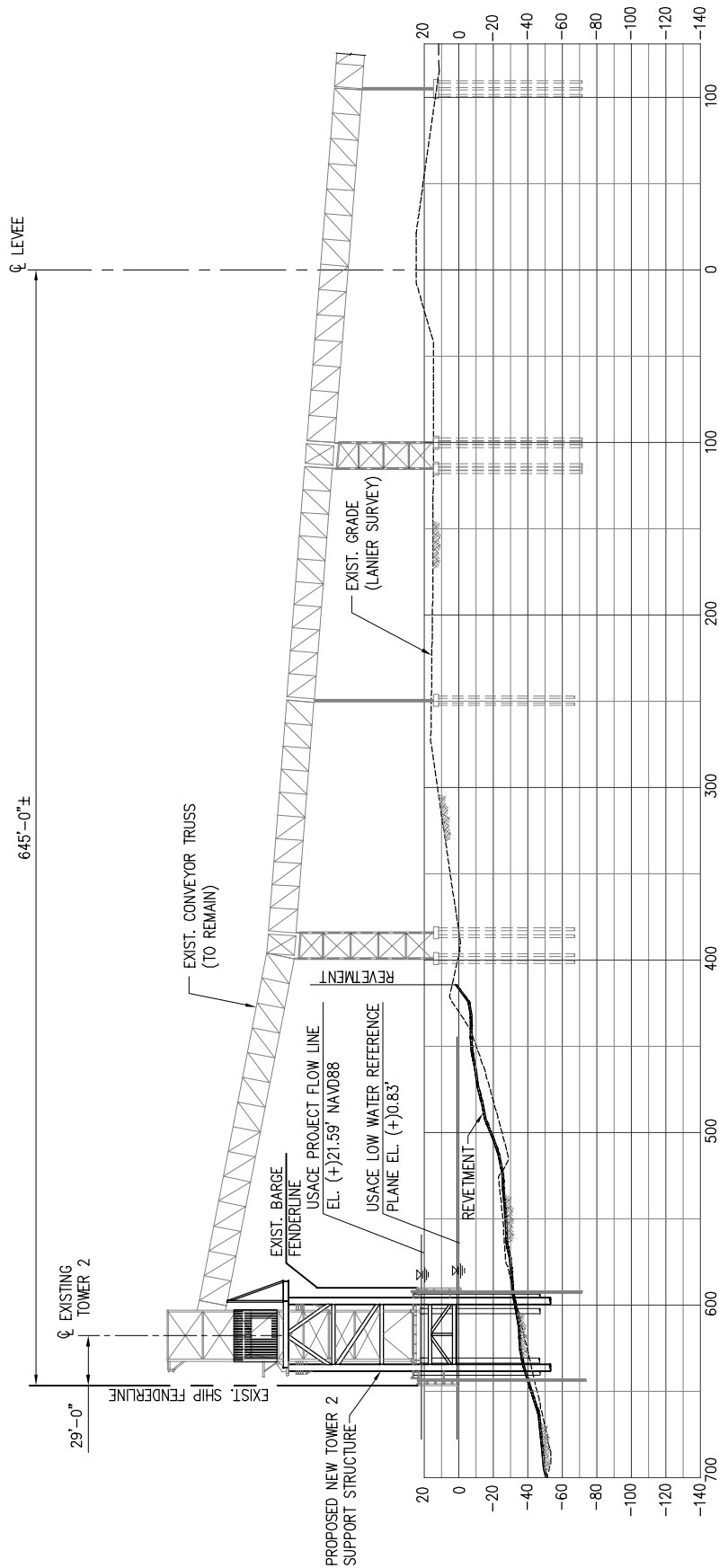
LOUISIANA

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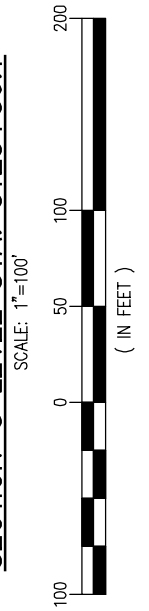
**ENLARGED NEW SITE PLAN**

DATE MAY 2016  
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CHECK BNF  
CONTRACT 9762-1  
SHEET No.

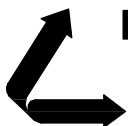
4 OF 15



**SECTION @ LEVEE STA. 3123+36.1**



9762-1-P5



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**NEW SHIP LOADING SYSTEM**

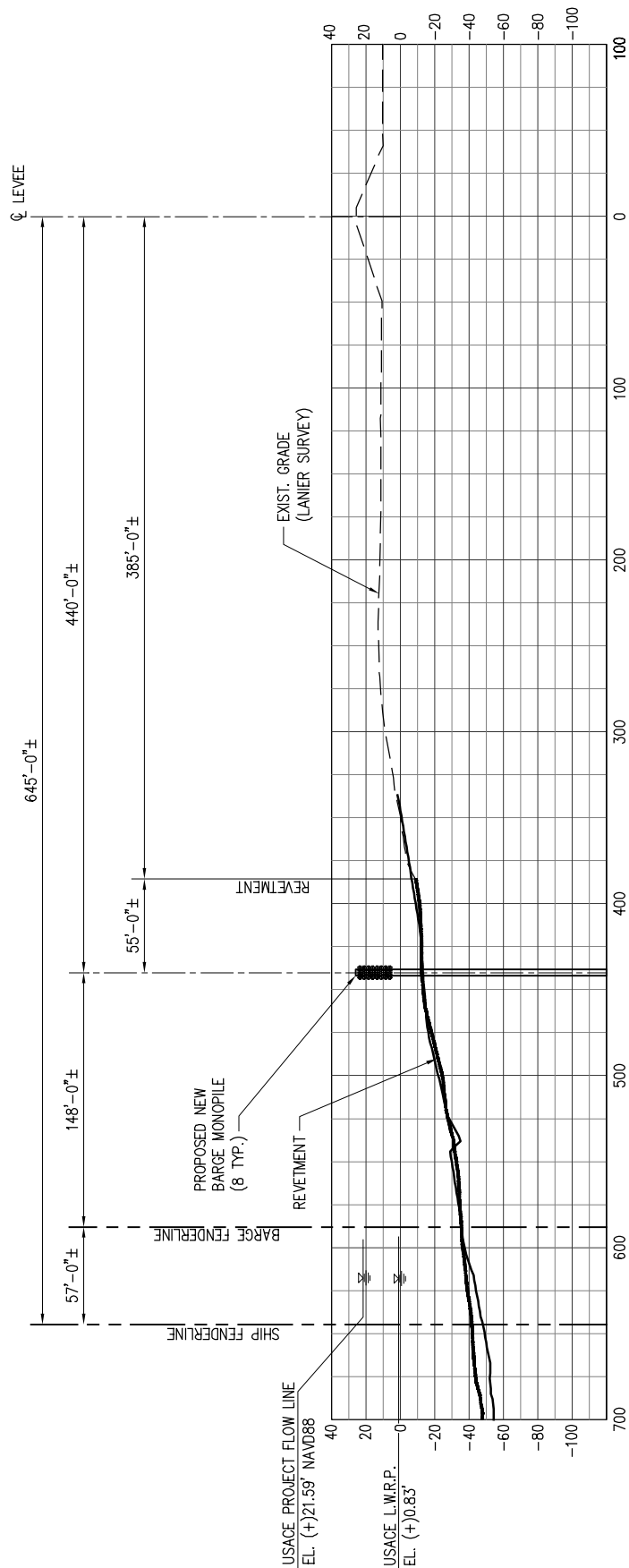
**SECTION AT TOWER 2 AND CONVEYOR TRUSS**

DATE MAY '16  
DESIGN AKG  
DRAWN WGL  
CHECK BNF  
CONTRACT 9762-1  
SHEET No.

**5** OF **15**

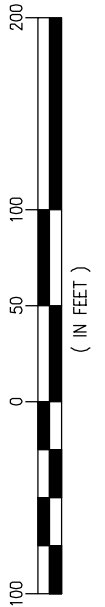




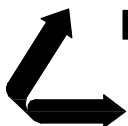


# SECTION @ LEVEE STA. 3127+00

SCALE: 1"=100'



9762-1-P7



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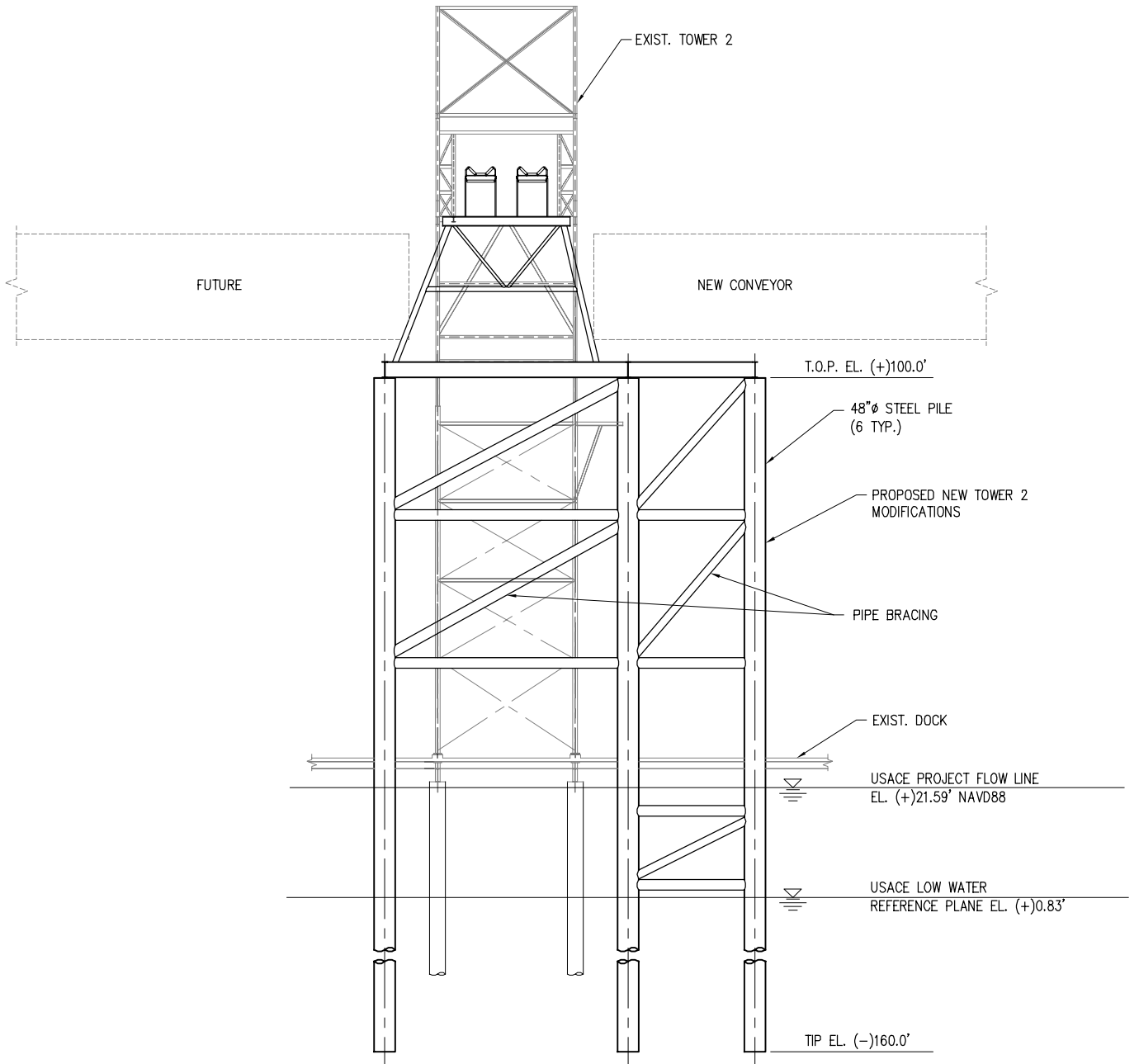
LOUISIANA

**NEW SHIP LOADING SYSTEM**

**SECTION AT LEVEE STA. 3127+00**

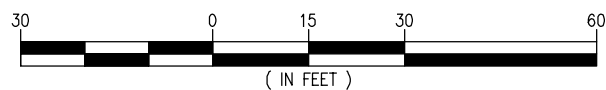
DATE MAY '16  
DESIGN AKG  
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CHECK BNF  
CONTRACT 9762-1  
SHEET No.

7 OF 15

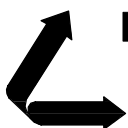


### INSHORE ELEVATION @ TOWER 2

SCALE: 1"=30'  
( LOOKING OFFSHORE )



9762-1-P8



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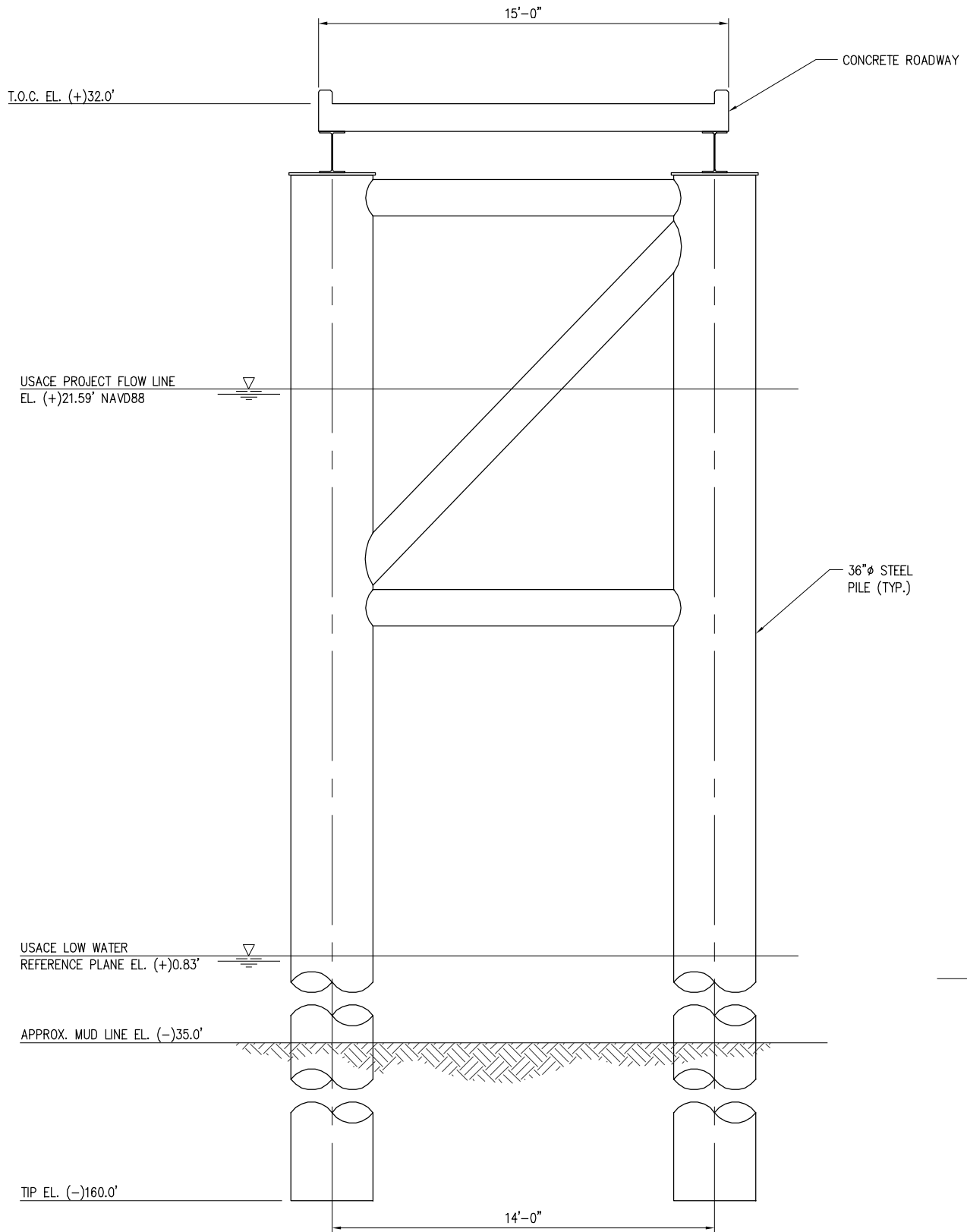
**NEW SHIP LOADING SYSTEM**

**PROPOSED TOWER 2 MODIFICATIONS**

DATE MAY '16  
DESIGN AKG  
DRAWN WGL  
CHECK BNF  
CONTRACT 9762-1  
SHEET No.

8 OF 15

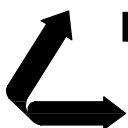




### TYPICAL ROADWAY BENT

SCALE: 3/16"=1'-0"  
(8 REQUIRED)

9762-1-P10



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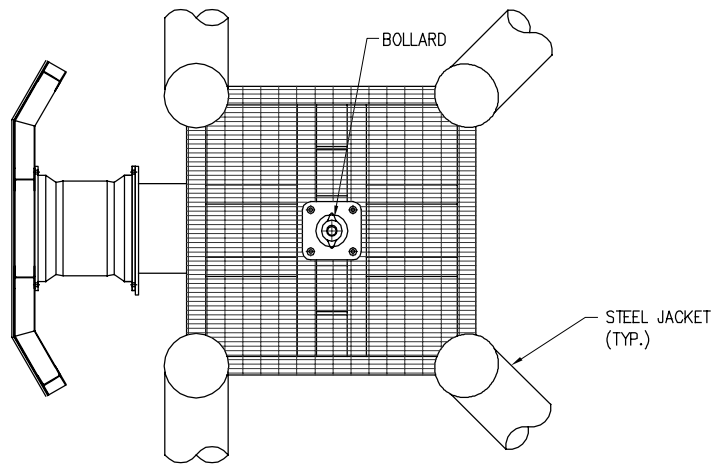
LOUISIANA

**NEW SHIP LOADING SYSTEM**

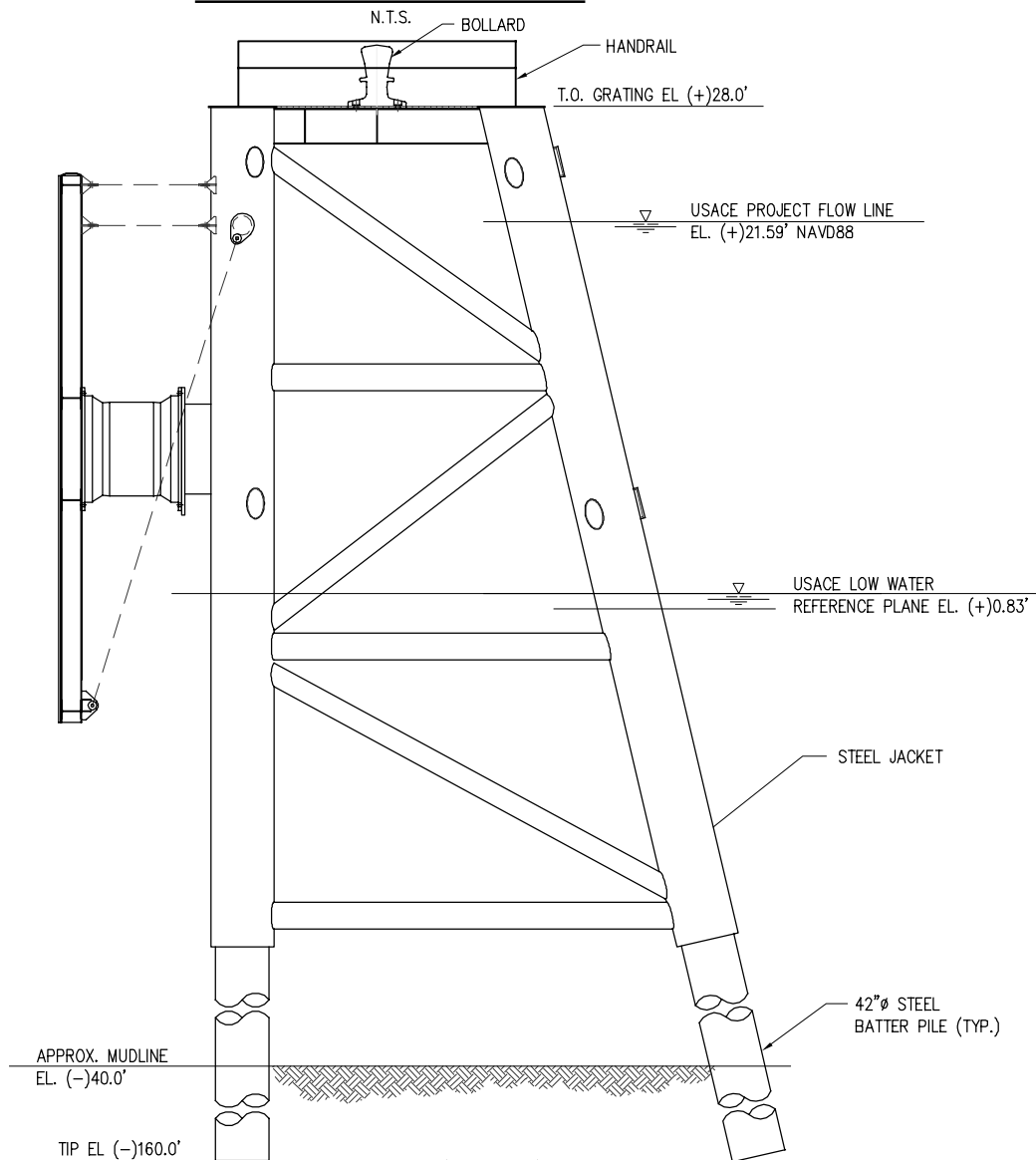
**PROPOSED NEW ROADWAY BENT**

DATE MAY '16  
DESIGN AKG  
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CHECK BNF  
CONTRACT 9762-1  
SHEET No.

10 OF 15



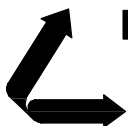
**BREASTING DOLPHIN PLAN**



**BREASTING DOLPHIN ELEVATION**

N.T.S.

9762-1-P11



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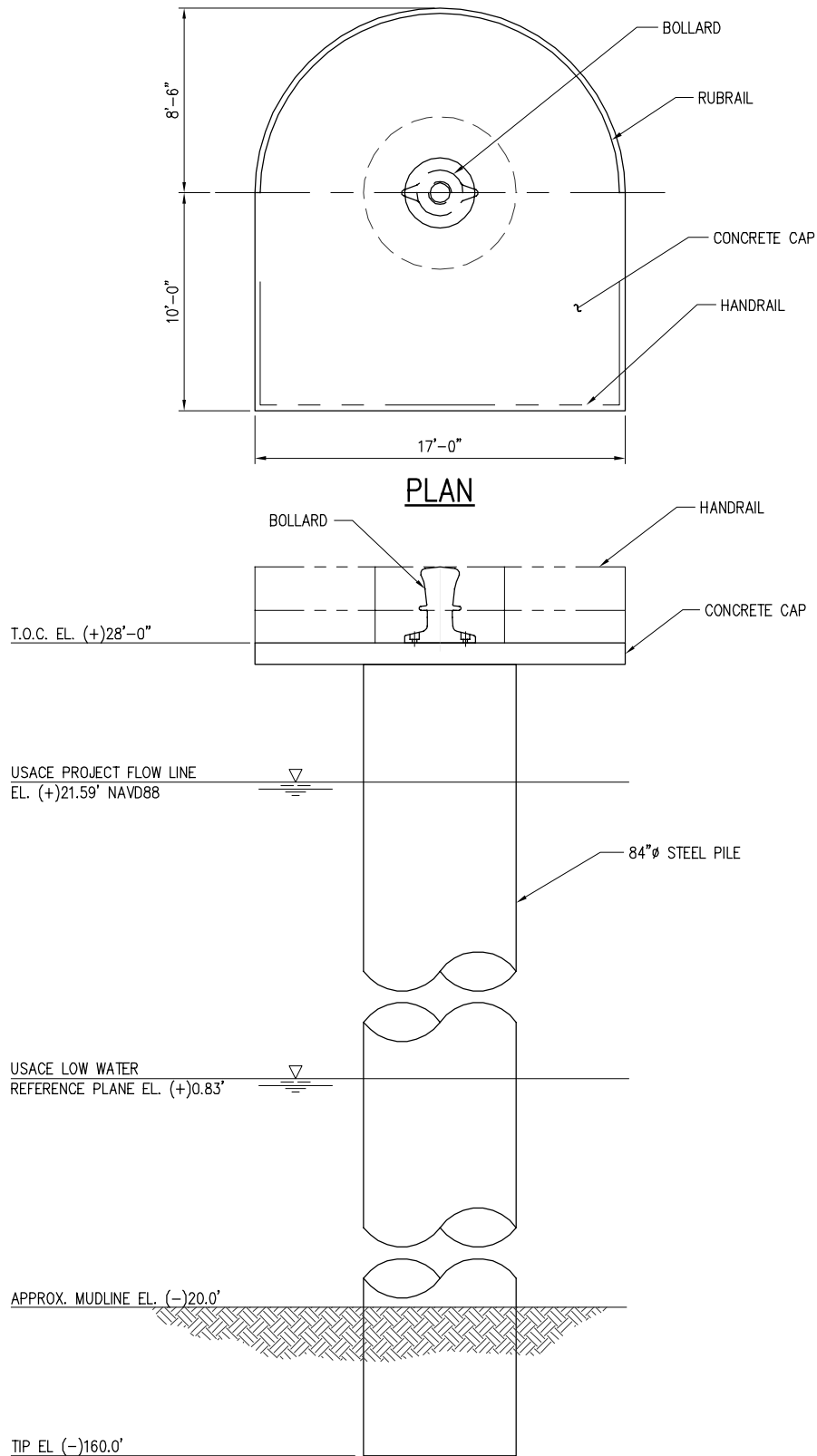
LOUISIANA

**NEW SHIP LOADING SYSTEM**

**PROPOSED NEW SHIP BREASTING DOLPHIN**

DATE MAY '16  
DESIGN AKG  
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CHECK BNF  
CONTRACT 9762-1  
SHEET No.

11 OF 15

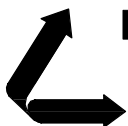


### TYPICAL MOORING DOLPHIN

SCALE: 1/8"=1'-0"

(2 REQUIRED)

9762-1-P12



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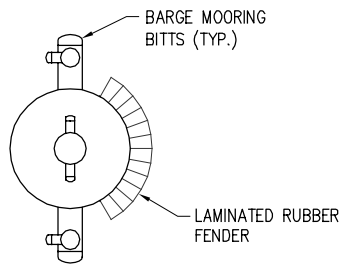
LOUISIANA

**NEW SHIP LOADING SYSTEM**

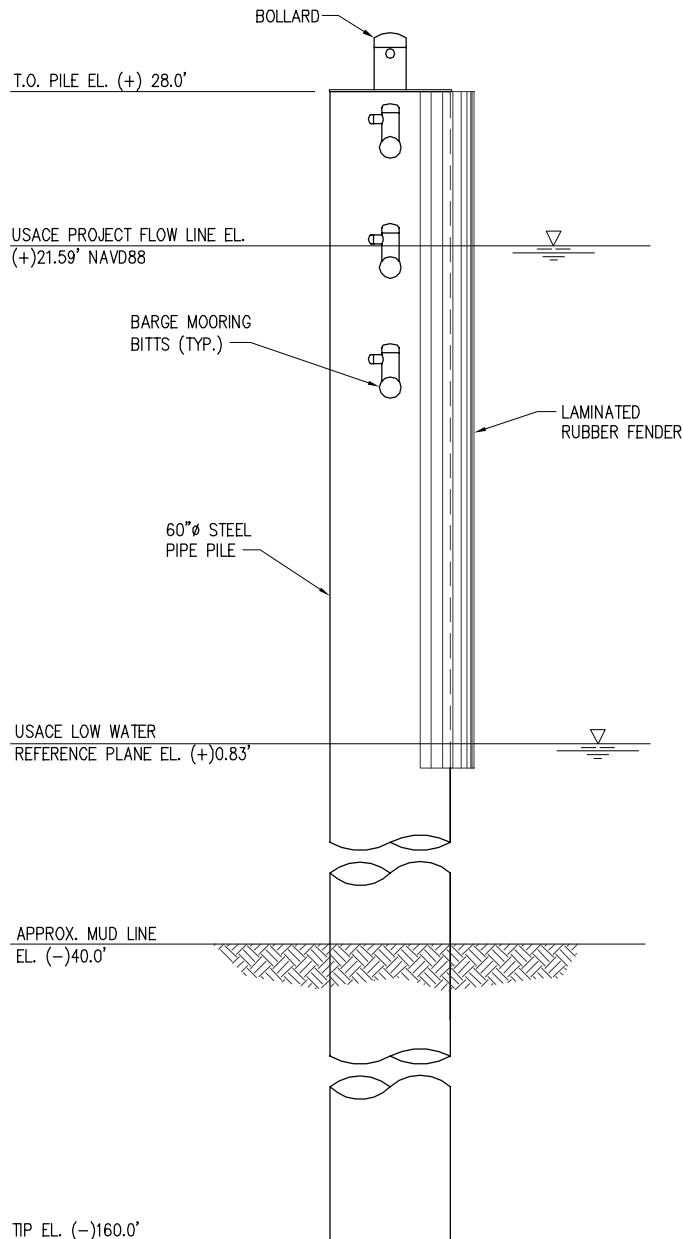
**PROPOSED NEW SHIP MOORING DOLPHIN**

DATE MAY '16  
DESIGN AKG  
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CHECK BNF  
CONTRACT 9762-1  
SHEET No.

12 OF 15

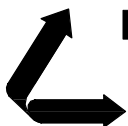


**BARGE DOLPHIN PLAN**  
N.T.S.



**BARGE DOLPHIN ELEVATION**  
N.T.S.  
(8 REQ'D)

9762-1-P13



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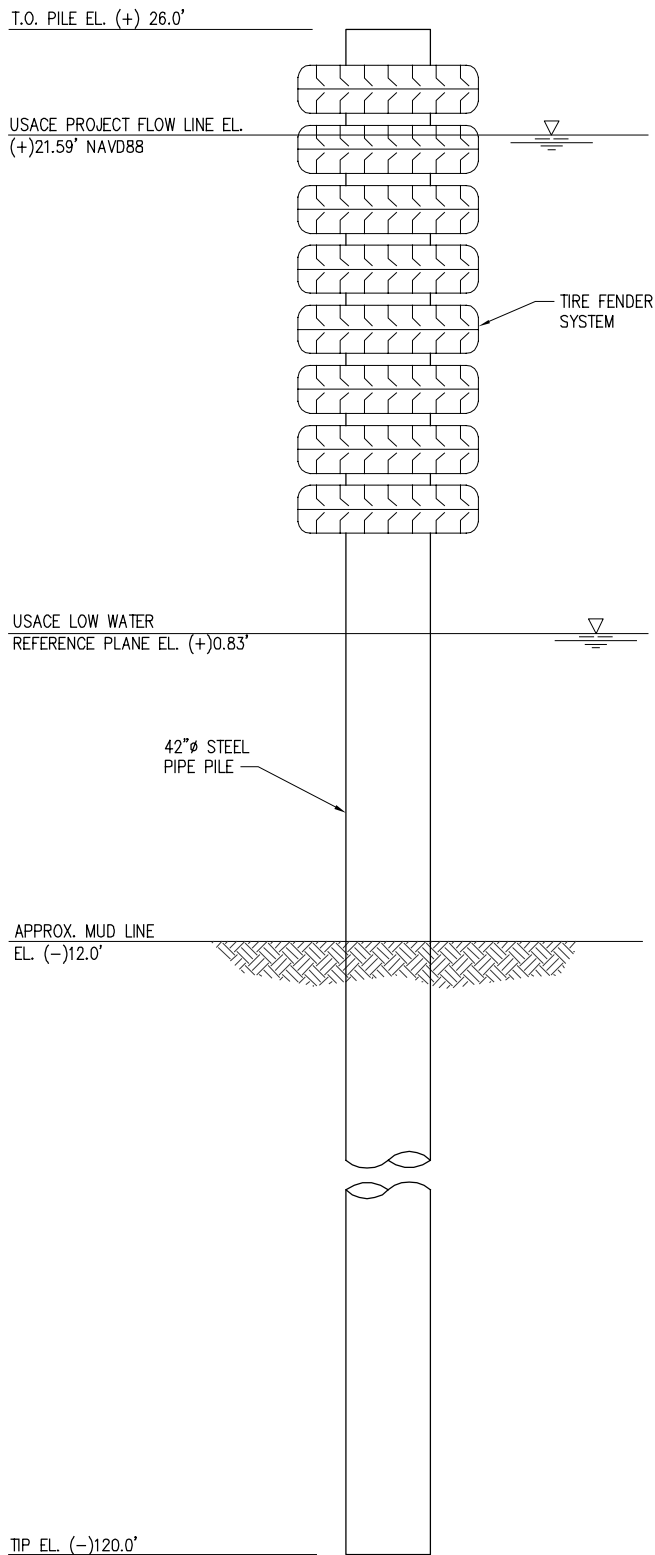
**NEW SHIP LOADING SYSTEM**

**PROPOSED NEW BARGE DOLPHIN**

DATE MAY '16  
DESIGN AKG  
DRAWN WGL  
CHECK BNF  
CONTRACT 9762-1  
SHEET No.

**13** OF **15**





## BARGE MONOPILE

N.T.S.  
(8 REQ'D)

9762-1-P14



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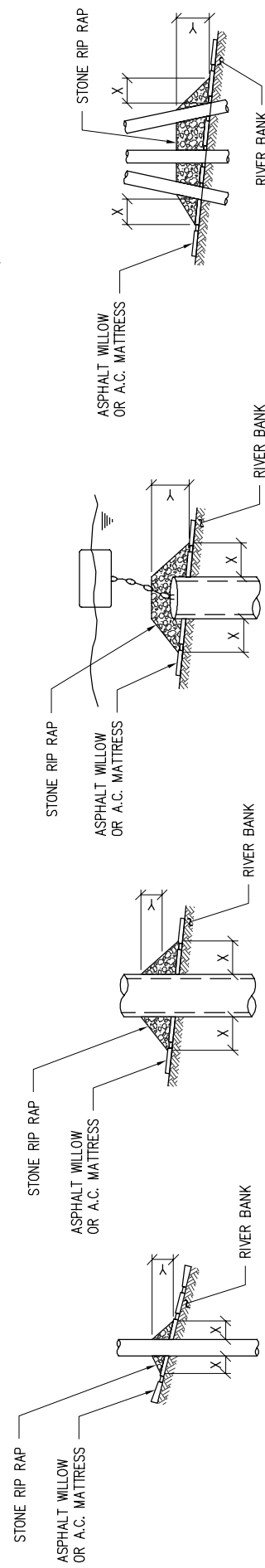
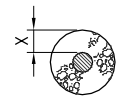
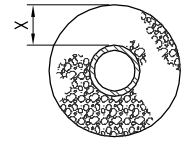
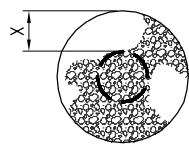
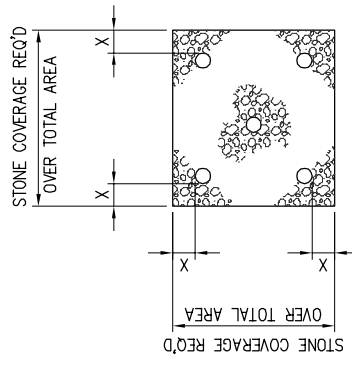
**ADM GRAIN CO.**

LOUISIANA

**NEW SHIP LOADING SYSTEM  
PROPOSED NEW  
BARGE FLEETING MONOPILE**

DATE MAY '16  
DESIGN AKG  
DRAWN WGL  
CHECK BNF  
CONTRACT 9762-1  
SHEET No.

**14** OF **15**



# PILE

# CAISSON

# SPUD PILE WITH BUOY & ANCHOR CHAIN

# PILE CLUSTER

## NOTES:

1. SIZE OF RIP RAP TO VARY BETWEEN 6 POUNDS AND 125 POUNDS WITH 40% TO 60% OF THE STONE WITHIN RANGE OF 25 POUNDS TO 75 POUNDS.
2. WHEN PENETRATING UPPER BANK PAVING IN A RETENTMENT AREA WITH PILES, CAISSONS AND/OR PILE CLUSTERS, A 10 INCH THICKNESS OF RIP RAP STONE SHALL BE PLACED OVER ALL AREAS WHERE BANK PAVING IS DISTURBED BY DRIVING OPERATIONS.
3. WHEN USING ANCHOR CHAIN AND BUOY SYSTEM ANCHOR CHAIN MUST BE ATTACHED AT TOP OF PILE TO MINIMIZE RETENTMENT 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 W/ BUOY & ANCHOR CHAIN		PILE CLUSTER			
	X	Y	X	Y	X	Y	X	Y	X	Y
	3	1 1/2	5	2			3	1		
	5	2	8	3	7	3	6	2		
	8	3	12	4	12	4	10	3		

REPAIR PROCEDURES REQUIRED  
WHEN PENETRATING RETENTMENTS  
WITH PILES, CAISSONS, AND/OR  
PILE CLUSTERS

**LANIER & ASSOCIATES**  
CONSULTING ENGINEERS, INC.  
NEW ORLEANS, LOUISIANA

JOB NO. 9762-1 CAD NO. 9762-1-P L. & A. DWG. NO. 15 OF 15

U.S. ARMY ENGINEERS DISTRICT, NEW ORLEANS  
CORPS OF ENGINEERS  
DEC. 1987  
FILE NO. H-18-28350