

PUBLIC NOTICE

March 1, 2021

United States Army
Corps of Engineers
New Orleans District
Regulatory Branch
7400 Leake Avenue
New Orleans, Louisiana 70118

(504) 862-1217
Project Manager
Kenny Blanke
Kenneth.G.Blanke@usace.army.mil
MVN 2005-01084-CQ

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).

PROPOSED PILE SUPPORTED LOADING PLATFORM, DOLPHINS, PIPE RACK, ACCESS WALKWAYS, AND OTHER STRUCTURES FOR EXPANSION OF EXISTING DOCK IN MISSISSIPPI RIVER NEAR PLAQUEMINE, LOUISIANA IN IBERVILLE PARISH

NAME OF APPLICANT Shintech Louisiana, LLC., c/o Lanier & Associates Consulting Engineers, Inc., Attn: John Maurin, 4101 Magazine Street, New Orleans, Louisiana 70115

LOCATION OF WORK: Within the Mississippi River Basin, in the Lower Mississippi River – Baton Rouge hydrologic unit (HUC 08070100), in the Mississippi River, right descending bank, mile 205, near Plaquemine, Louisiana, in Iberville Parish (Latitude 30.27611 N, Longitude -91.17444 W).

CHARACTER OF WORK: The applicant has requested to modify an existing Department of the Army permit authorization. The proposed permit modification includes the construction of a ship dock expansion to be installed at the existing Shintech facility. The ship dock expansion consists of a pile supported loading platform, 4 breasting dolphins, 4 mooring dolphins, a pipe rack and access way, marine walkways to access the dolphins, and other appurtenant structures. The proposed ship dock (loading platform) would extend from the existing ship dock's approach way. All proposed construction would be performed in the river by a barge mounted crane. The proposed modification is needed to expand delivery capacity to and from Shintech's Plaquemine facility. Approximately 0.01 acre of waterbottoms would be impacted would be impacted by the permit modification due to the placement of approximately 500 cubic yards of rip rap placement.

The applicant stated that the impacted area has been minimized through the proposed use of the existing approach way to gain access to the dock expansion and that all construction will occur outside of wetland areas. Compensatory mitigation is not anticipated due to the permit modification only proposing to impact jurisdictional Other Waters of the US.

The comment period for the Department of the Army Permit will close **30 days** from the date of this 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 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.**

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 US 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 US 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. Copies of this notice are being sent to the State Archeologist and State Historic Preservation Officer.

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.

Utilizing the Information & Planning Consultation for Endangered Species in Louisiana (IPaC), dated January 27, 2020, between the U.S. Army Corps of Engineers, New Orleans and U.S. Fish and Wildlife Service, Ecological Services Office, the Corps has determined that with the proposed activity is not likely to adversely affect the pallid sturgeon (*Scaphirhynchus albus*) and will have no effect on other known 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 NA 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.

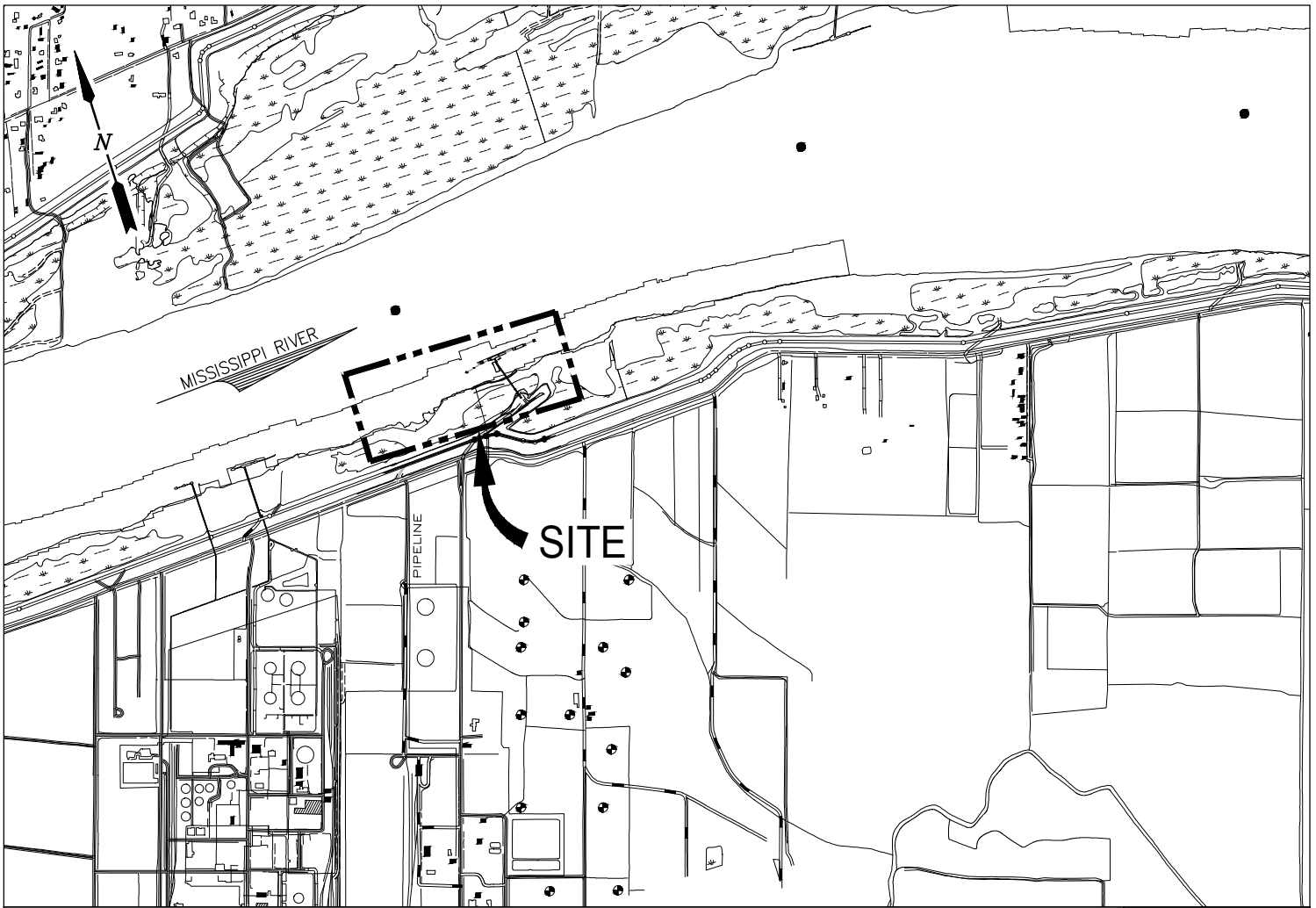
If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by

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, Office of Environmental Services, 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.

JOHN M. HERMAN
Chief, Central Evaluation Section
Regulatory Branch

Enclosure



VICINITY MAP

IBERVILLE PARISH
 LAT. 30° 16' 34" N
 LONG. 91° 10' 28" W



AREA MAP

GENERAL NOTES

1. AS-BUILT DRAWINGS AND/OR PLANS SHALL HAVE WRITTEN ON THEM THE DATE OF COMPLETION OF SAID ACTIVITIES AND SHALL BE SUBMITTED TO THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES, OFFICE OF COASTAL MANAGEMENT, P.O. BOX 44487, BATON ROUGE, LA 70804-4487 WITHIN 30 DAYS FOLLOWING PROJECT COMPLETION.
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 OF 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 REVISING 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 PERMITTEE 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.
5. HORIZONTAL CONTROL REFERENCED TO LOUISIANA STATE PLANE NAD83.
6. PROJECT VERTICAL DATUM REFERENCED TO NAVD88.

JAMES C. POTTER P.E.
 LA PE #29668

PRELIMINARY - FOR PERMIT PURPOSES ONLY

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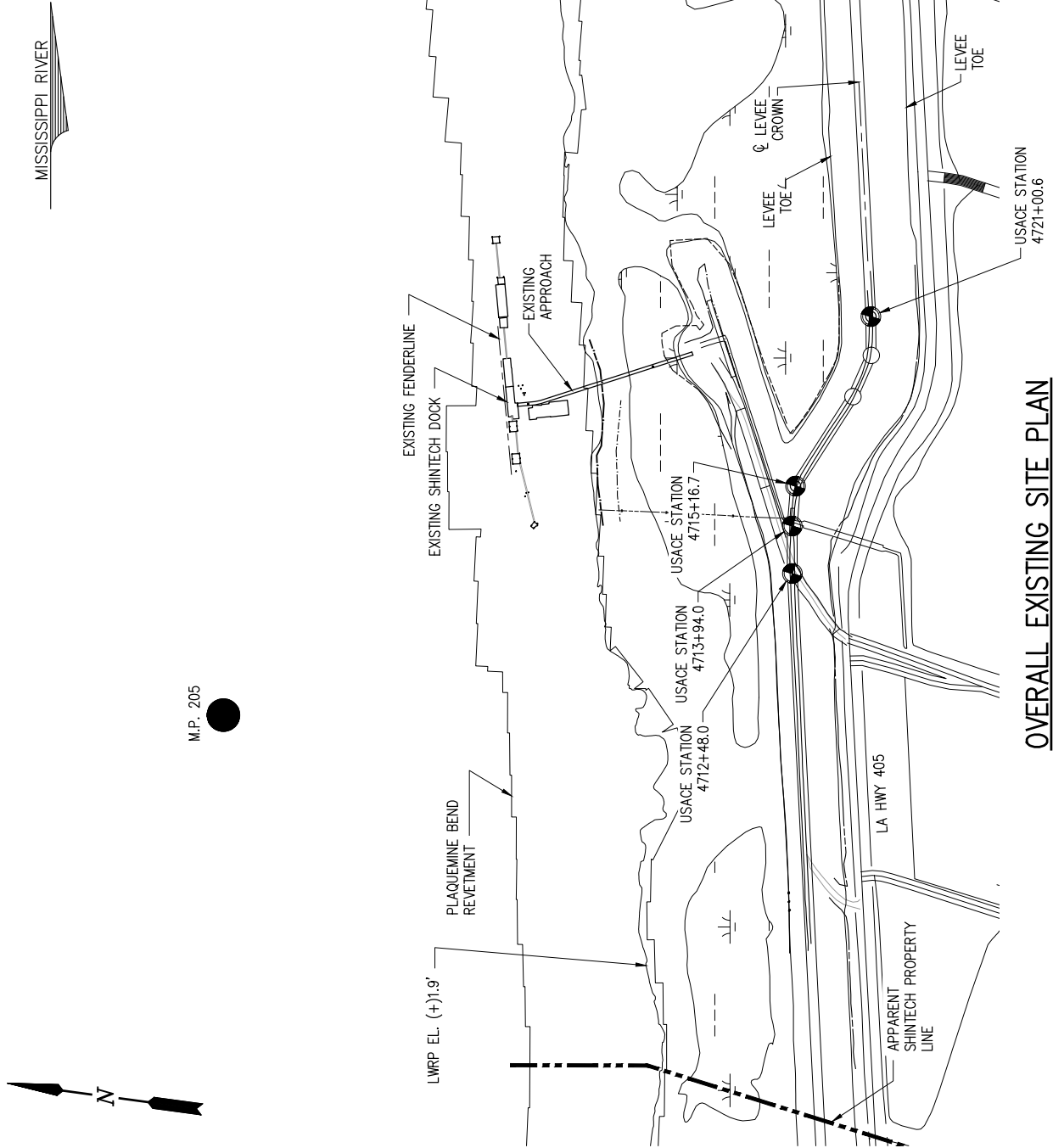
LANIER & ASSOCIATES
 CONSULTING ENGINEERS
 INCORPORATED

LA: EF-1120 TX: F-2981
 NEW ORLEANS, LA • BEAUMONT, TX

SHINTECH LOUISIANA LLC
 PLAQUEMINE LOUISIANA

**PROPOSED NEW SHIP DOCK
 EXPANSION
 VICINITY MAP AND GENERAL NOTES**

DATE DEC 2020
 DESIGN JCP
 DRAWN JP
 CHECK NPL
 JOB NO 11361
 SHEET No.
 1 OF 11



OVERALL EXISTING SITE PLAN

SCALE: 1" = 500'

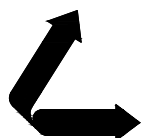


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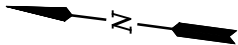
**PROPOSED NEW SHIP DOCK
EXPANSION
EXISTING SITE PLAN**

DATE DEC 2020
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SHEET No.

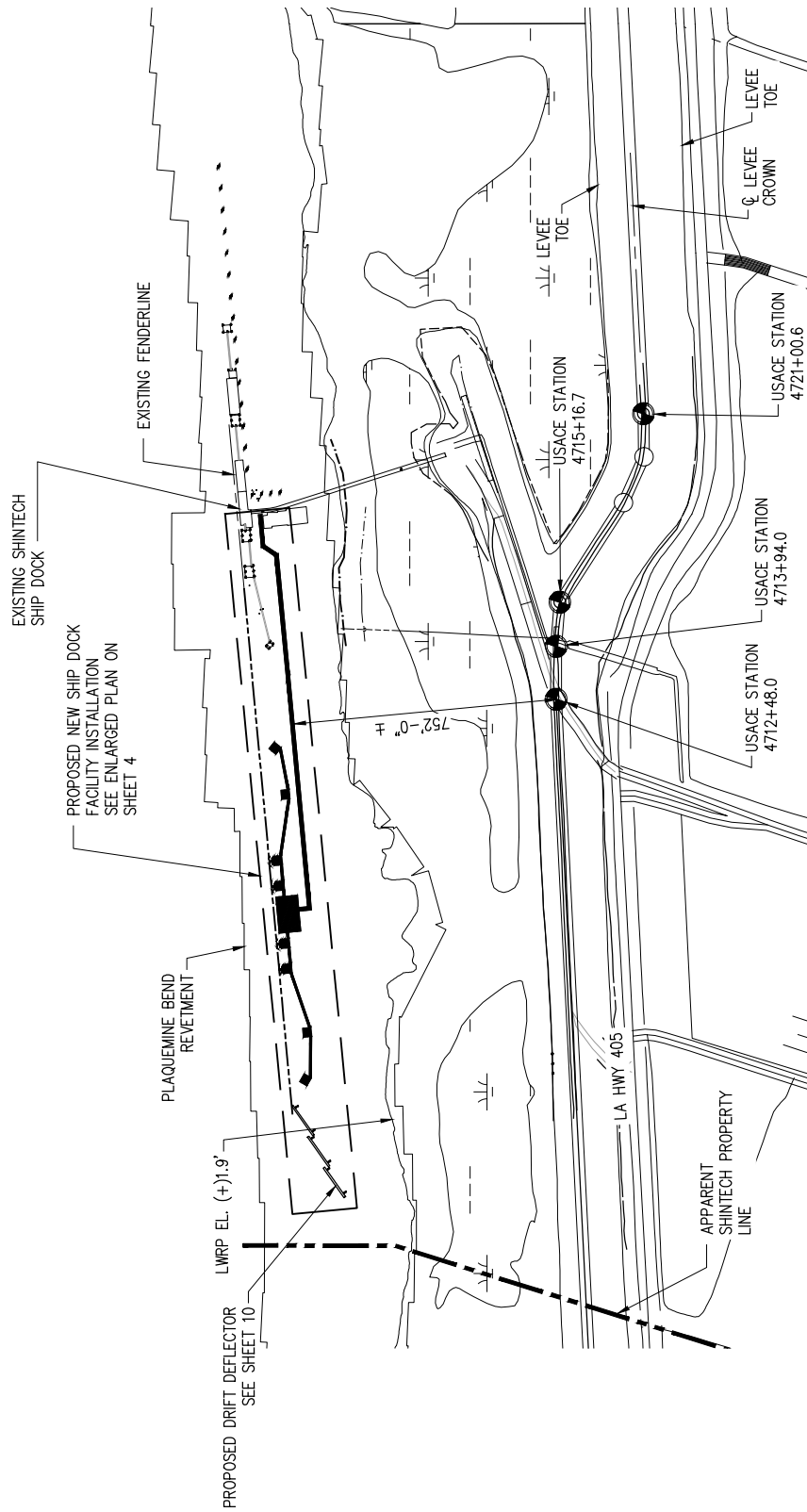
2 OF 11

NOTES

1. SURVEY DATA PROVIDED BY USACE 2020 REVETMENT SURVEY AND 2016 USACE LIDAR SURVEY INFORMATION.
2. ALL ELEVATIONS ARE EXPRESSED IN FEET AND TENTHS AND ARE REFERENCED TO NAVD88.
3. THE AREA SHOWN ON THIS DRAWING IS SUBJECT TO SILTING. THE ACTUAL ELEVATIONS FOLLOWING THE DATE OF THE SURVEY MAY DIFFER FROM THE ELEVATIONS SHOWN.



M.P. 205



PROPOSED NEW SITE PLAN

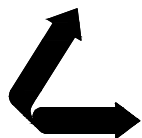
SCALE: 1" = 500'



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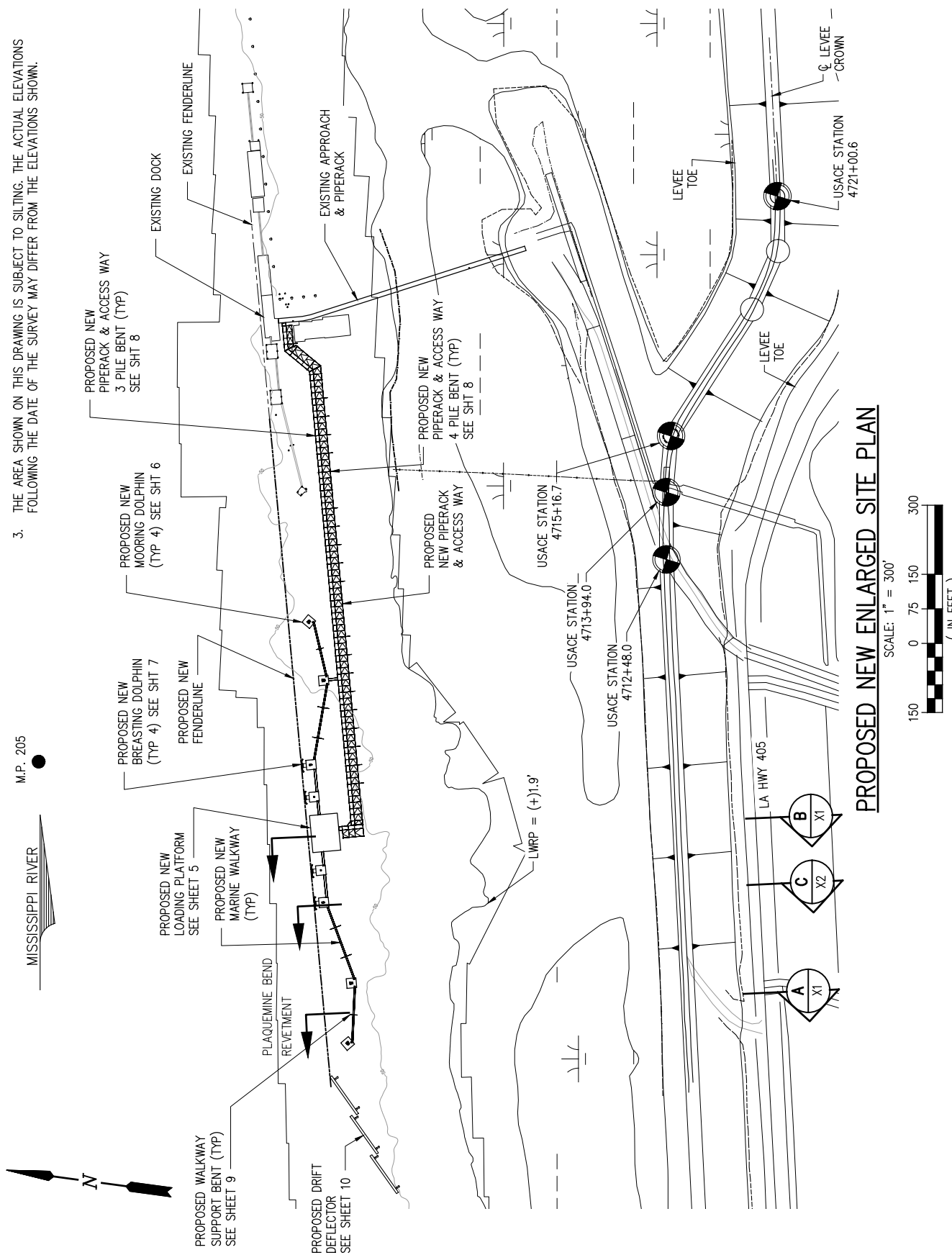
**PROPOSED NEW SHIP DOCK
EXPANSION
PROPOSED NEW SITE PLAN**

DATE DEC 2020
DESIGN JCP
DRAWN JP
CHECK NPL
JOB NO 11361
SHEET No.

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NOTES

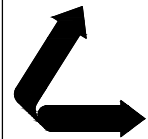
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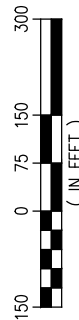
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PLAQUEMINE LOUISIANA

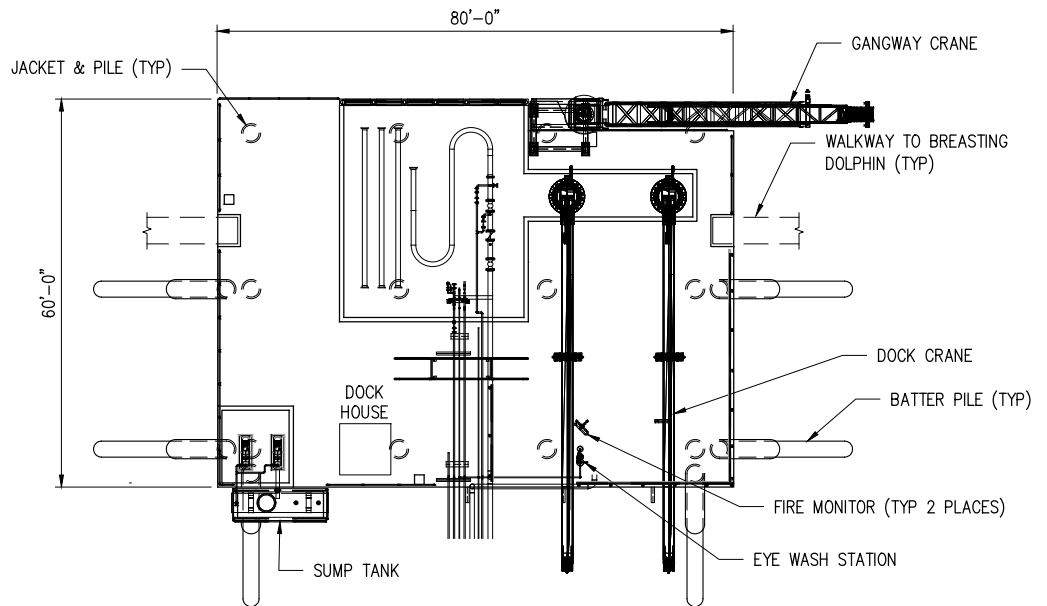
**PROPOSED NEW SHIP DOCK
EXPANSION
PROPOSED NEW ENLARGED SITE PLAN**

DATE DEC 2020
DESIGN JCP
DRAWN JP
CHECK NPL
JOB NO 11361
SHEET No.

PROPOSED NEW ENLARGED SITE PLAN

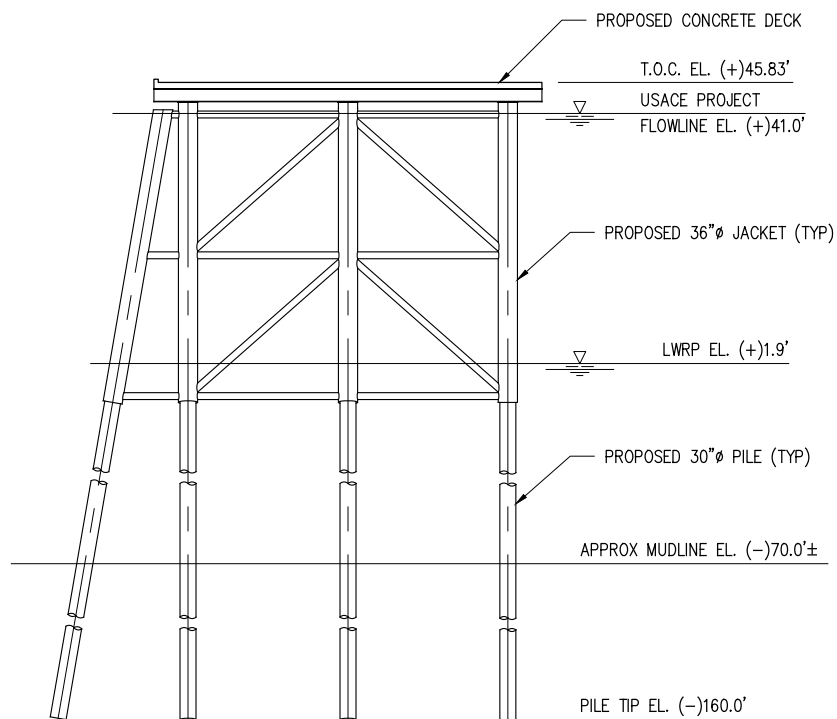
SCALE: 1" = 300'





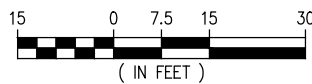
LOADING PLATFORM – PLAN

SCALE: 1" = 30'



LOADING PLATFORM – ELEVATION

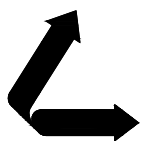
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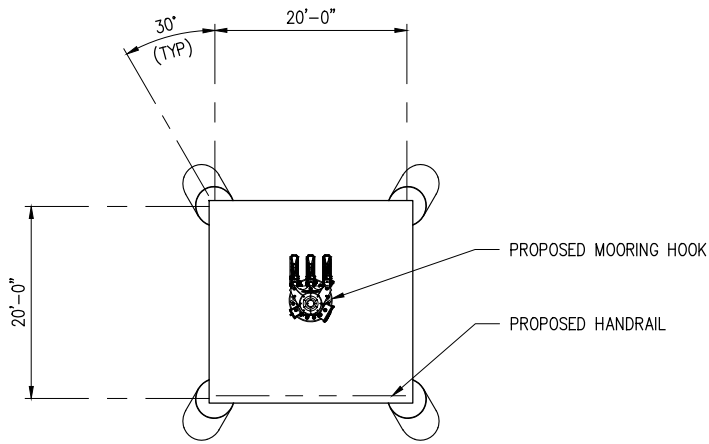
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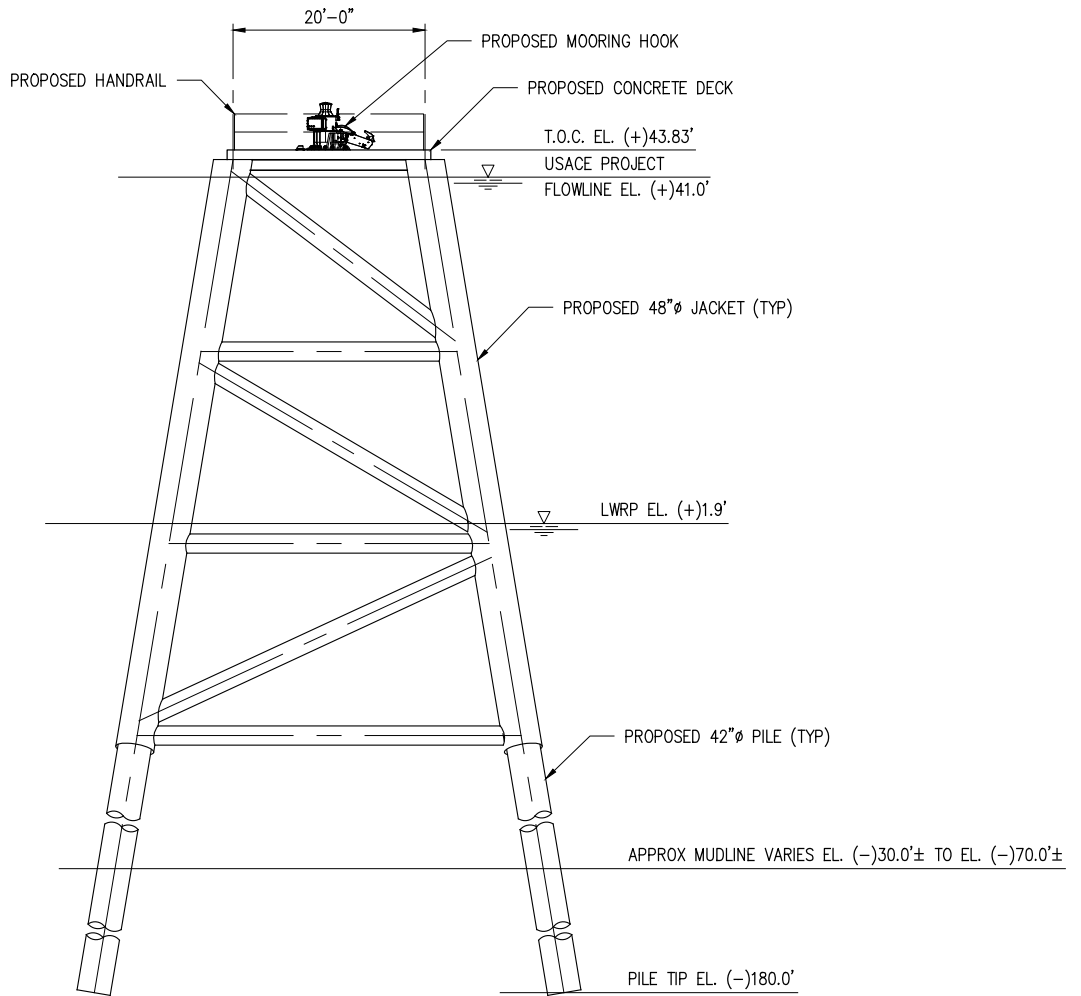
**PROPOSED NEW SHIP DOCK
EXPANSION
LOADING PLATFORM**

DATE DEC 2020
DESIGN JCP
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CHECK NPL
JOB NO 11361
SHEET No.
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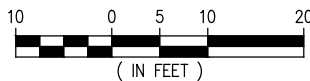
MOORING DOLPHIN – PLAN

SCALE: 1" = 20'
(4 REQUIRED)



MOORING DOLPHIN – ELEVATION

SCALE: 1" = 20'

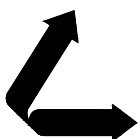


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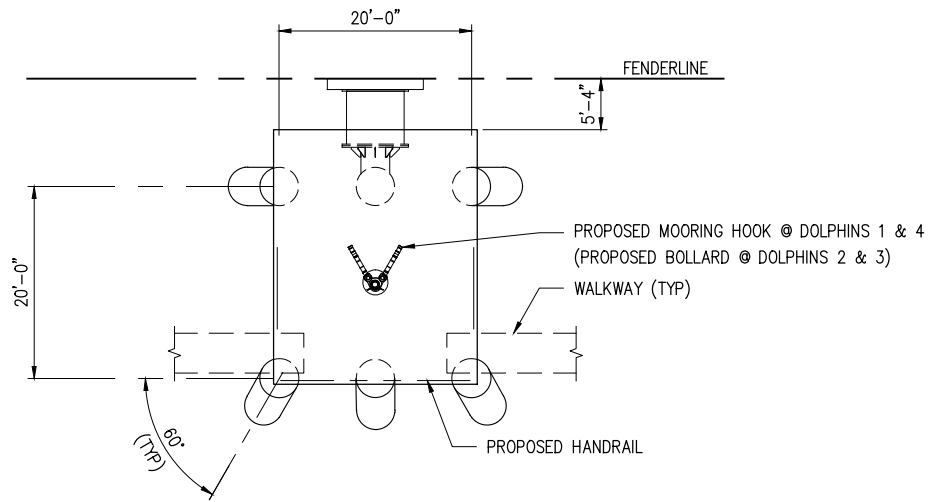
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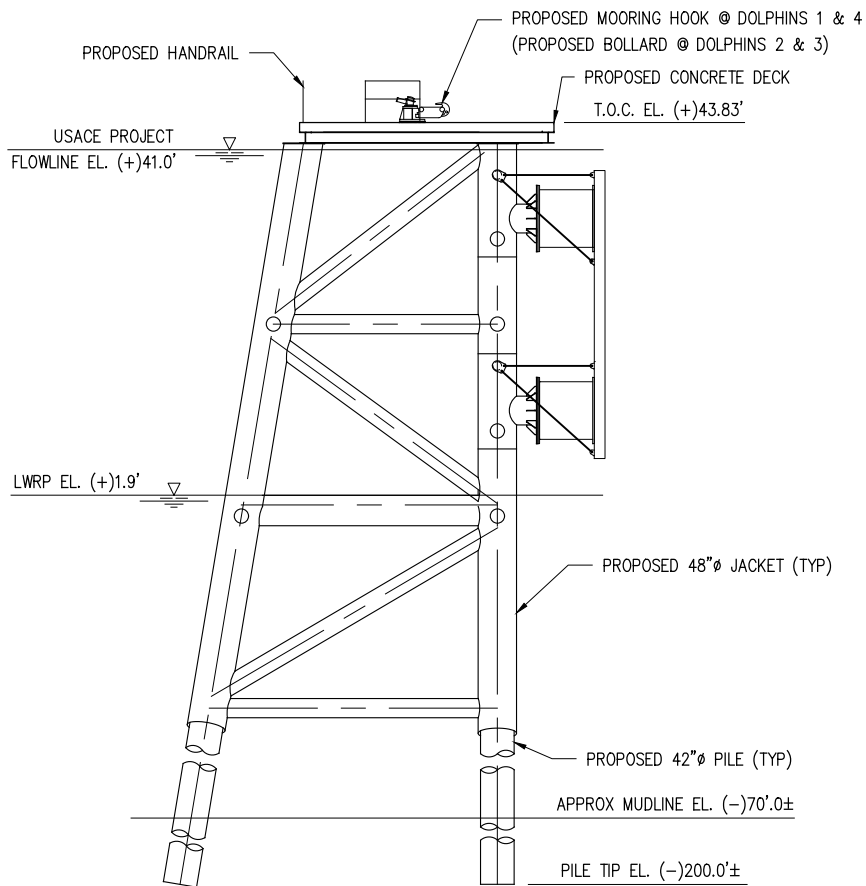
**PROPOSED NEW SHIP DOCK
EXPANSION
MOORING DOLPHIN**

DATE DEC 2020
DESIGN JCP
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JOB NO 11361
SHEET No.
6 OF 11



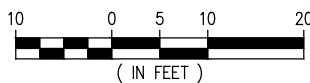
BREASTING DOLPHIN - PLAN

SCALE: 1" = 20'
(4 REQUIRED)



BREASTING DOLPHIN - ELEVATION

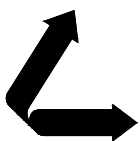
SCALE: 1" = 20'



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LA PE #29668

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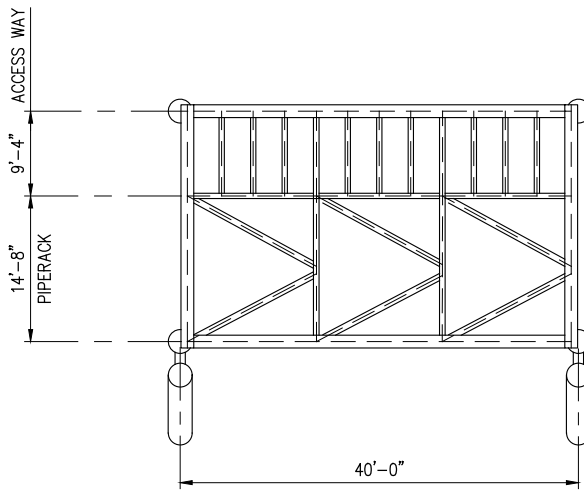
LA: EF-1120 TX: F-2981
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PLAQUEMINE LOUISIANA

**PROPOSED NEW SHIP DOCK
EXPANSION
BREASTING DOLPHIN**

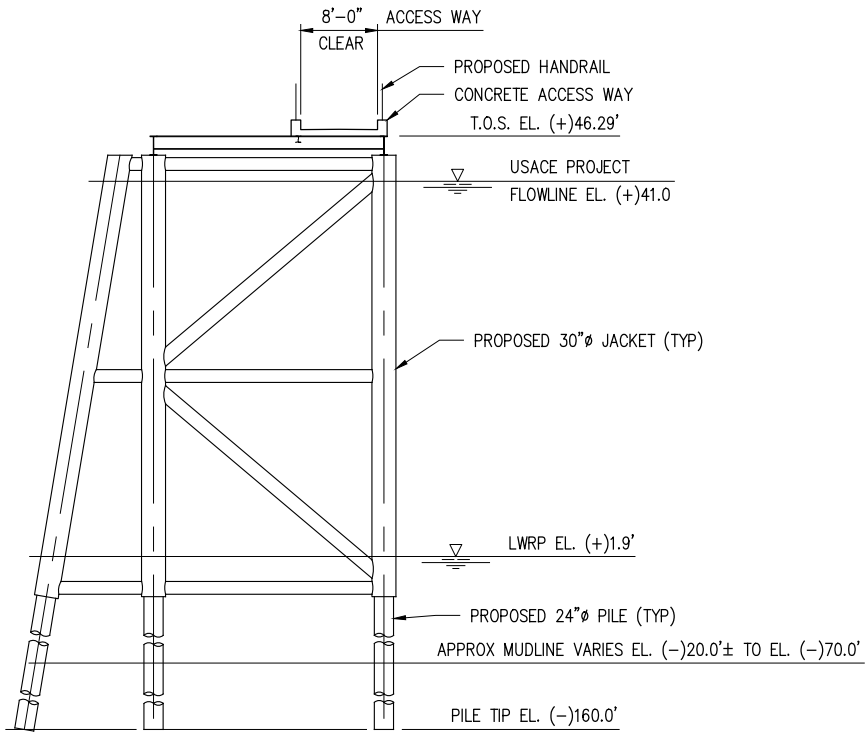
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JOB NO 11361
SHEET No.

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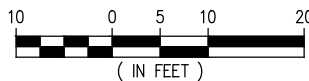
**TYPICAL PIPERACK PANEL
& ACCESS WAY - PLAN**

SCALE: 1" = 20'
(28 REQUIRED)



**TYPICAL PIPERACK & ACCESS WAY BENT
ELEVATION**

SCALE: 1" = 20'
(36 REQUIRED)

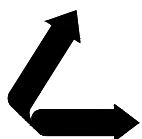


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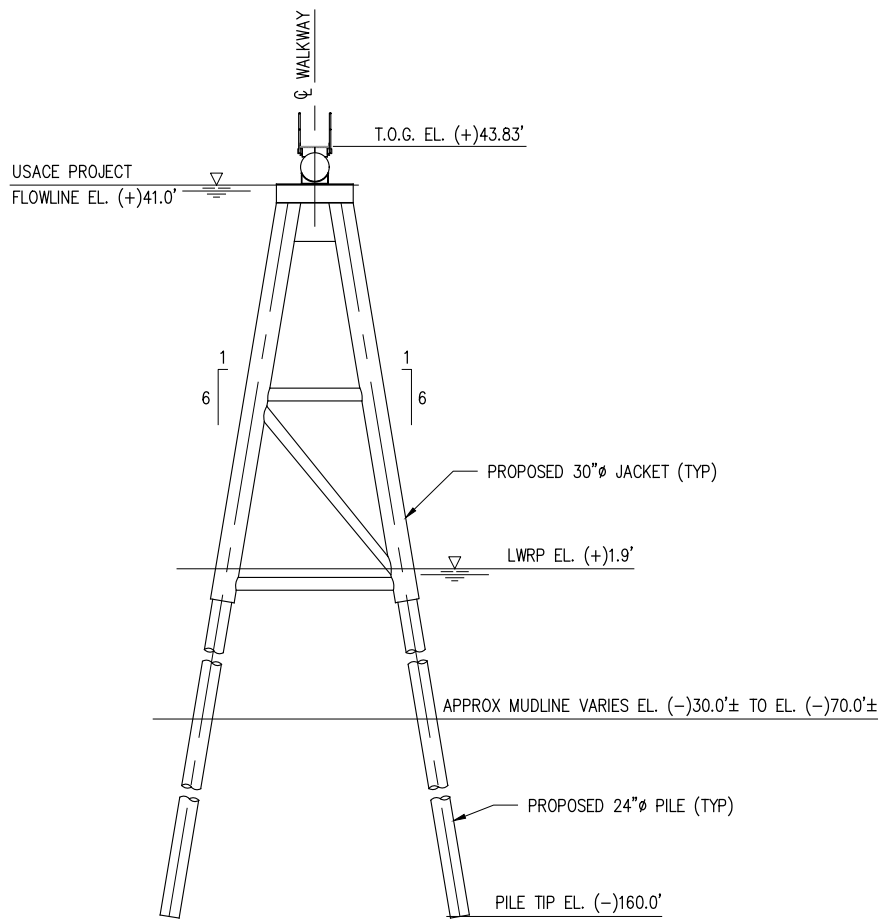
LA: EF-1120 TX: F-2981
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SHINTECH LOUISIANA LLC
PLAQUEMINE LOUISIANA

**PROPOSED NEW SHIP DOCK
EXPANSION
PIPERACK/ACCESS WAY BENT ELEVATIONS**

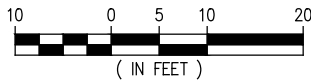
DATE DEC 2020
DESIGN JCP
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JOB NO 11361
SHEET No.

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**ELEVATION
WALKWAY SUPPORT BENT**

SCALE: 1" = 20'
(6 REQUIRED)

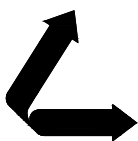


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LA PE #29668

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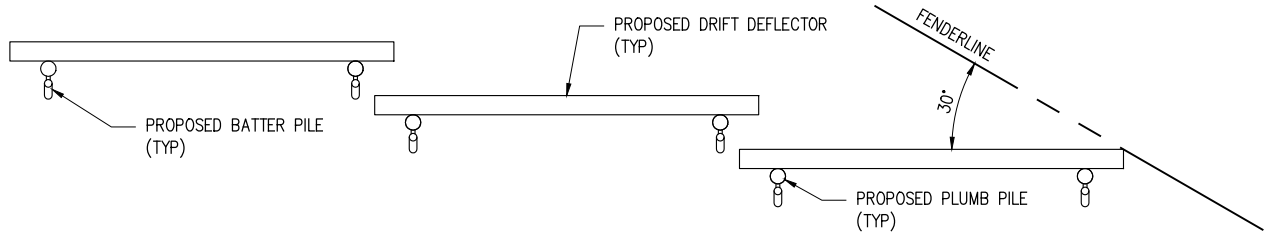
LANIER & ASSOCIATES
CONSULTING ENGINEERS
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LA: EF-1120 TX: F-2981
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PLAQUEMINE LOUISIANA

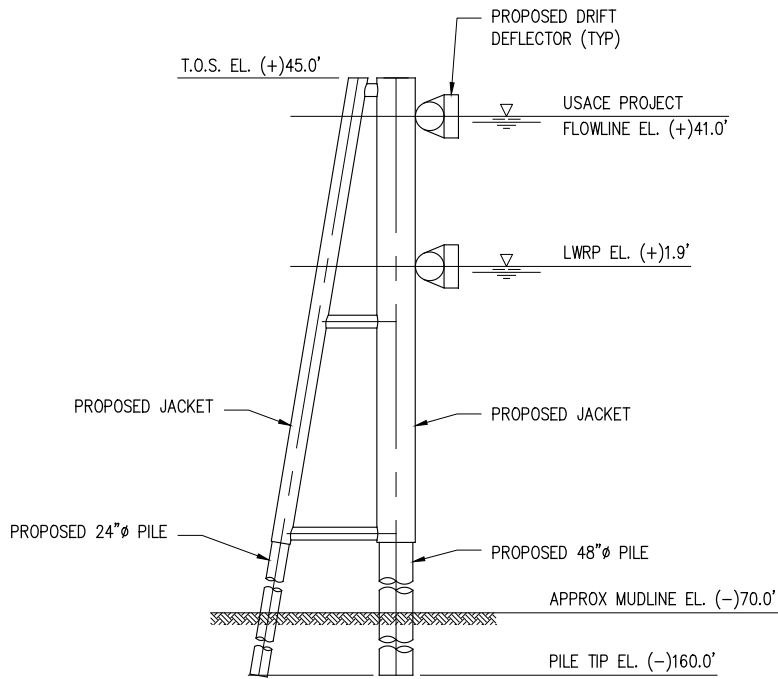
**PROPOSED NEW SHIP DOCK
EXPANSION
WALKWAY SUPPORT BENT**

DATE DEC 2020
DESIGN JCP
DRAWN JP
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JOB NO 11361
SHEET No.
9 OF **11**



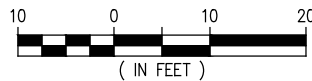
DRIFT DEFLECTOR - PLAN

SCALE: 1" = 50'



DRIFT DEFLECTOR - TYPICAL SECTION

SCALE: 1" = 20'

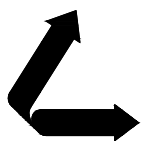


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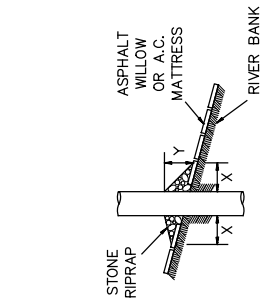
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PLAQUEMINE LOUISIANA

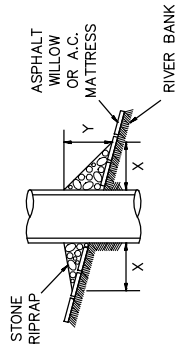
**PROPOSED NEW SHIP DOCK
EXPANSION
DRIFT DEFLECTOR - PLAN & ELEVATION**

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DESIGN JCP
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SHEET No.
10 OF 11

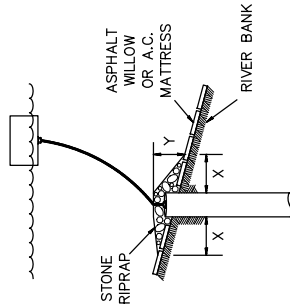
PILE



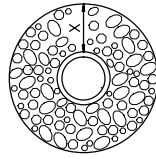
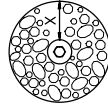
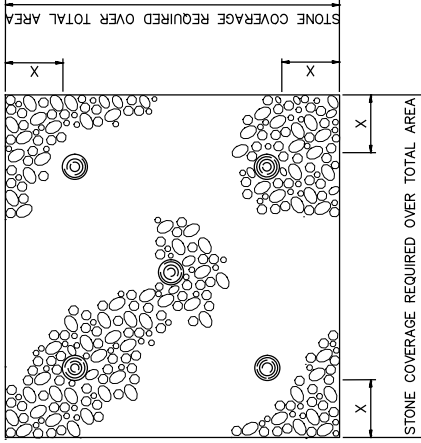
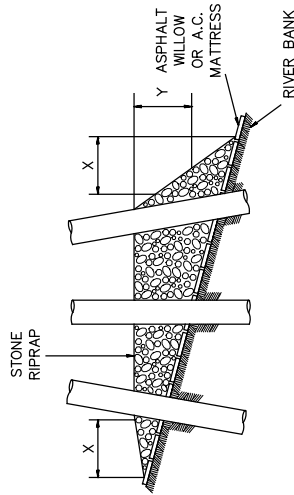
CAISSON



SPUD PILE (BUOY AND ANCHOR CHAIN)



PILE CLUSTER



REVETMENT REPAIR PROCEDURES SHOWN PER U.S. ARMY CORPS OF ENGINEERS DRAWING, FILE NUMBER H-18-45204, DWG. 1 OF 1

NOTES:

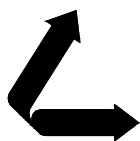
1. SIZE OF RIPRAP TO VARY BETWEEN 6 POUNDS AND 125 POUNDS WITH 40 PERCENT TO 60 PERCENT OF THE STONE WITHIN THE RANGE OF 25 POUNDS TO 75 POUNDS.
2. WHEN PENETRATING THE UPPER BANK PAVING IN A REVETMENT AREA WITH PILES, CAISSONS AND/OR PILE CLUSTERS, A 10 INCH THICK RIPRAP STONE LAYER SHALL BE PLACED 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 REVETMENT 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					3	1
11' - 40'	5	2	8	3	7	3	6	2		
41' - 60'	8	3	12	4	12	4	10	3		

JAMES C. POTTER P.E.
LA PE #29668

PRELIMINARY - FOR PERMIT PURPOSES ONLY

REV 0



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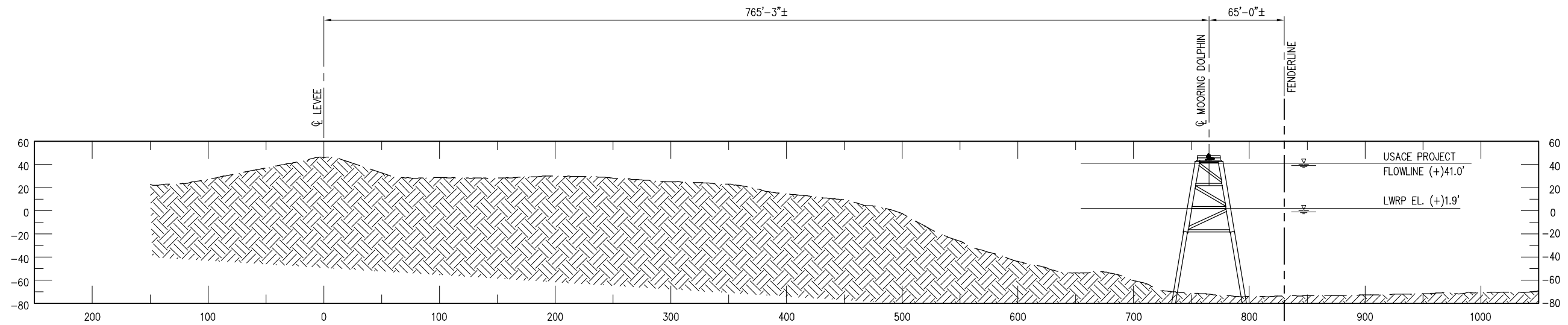
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NEW ORLEANS, LA • BEAUMONT, TX

SHINTECH LOUISIANA LLC
PLAQUEMINE LOUISIANA

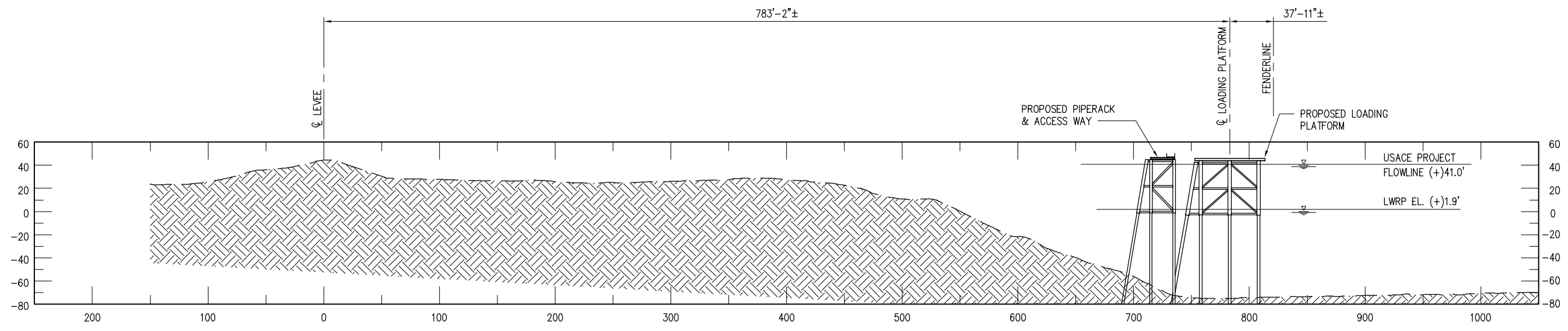
**PROPOSED NEW SHIP DOCK
EXPANSION
REVETMENT REPAIR DETAILS**

DATE SEPT 2020
DESIGN JCP
DRAWN JP
CHECK NPL
JOB NO 11361
SHEET No. 11 OF 11

J:\11000S\11361 SHINTECH NEW SHIP DOCK FACILITY\DRAWINGS\PERMIT\11361-X1.DWG



USACE STA. 4706+80.0 A
SCALE: 1" = 100'



USACE STA. 4702+98.0 B
SCALE: 1" = 100'

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REV	DATE	BY	DESCRIPTION	REV	DATE	BY	DESCRIPTION

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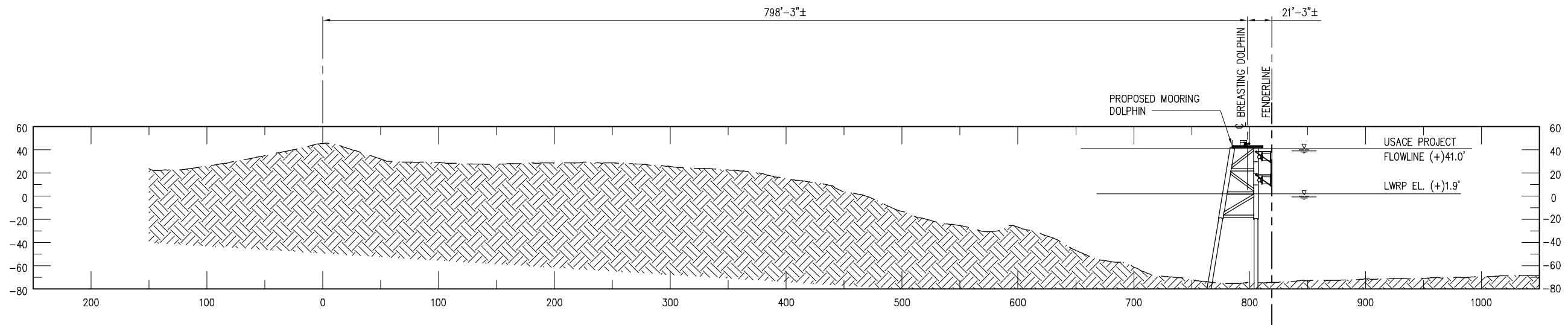
PRELIMINARY - FOR PERMIT PURPOSES ONLY

DATE DEC '20
SHT SIZE 11"x17"
DESIGN JCP
DRAWN JP
CHECK JCP
APPR'D NPL
JOB NO 11361

SHINTECH LOUISIANA LLC
PLAQUEMINE LOUISIANA

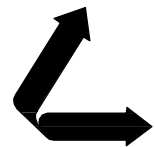
PROPOSED NEW SHIP DOCK
EXPANSION
CROSS SECTIONS

SHEET NO.
X1



USACE STA. 4705+36 C
 SCALE: 1" = 100' 4

J:\110005\11361 SHINTECH NEW SHIP DOCK FACILITY\DRAWINGS\PERMIT\11361-X2.DWG



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REV	DATE	BY	DESCRIPTION	REV	DATE	BY	DESCRIPTION

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 UNDER THE
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 JAMES C. POTTER,
 P.E. 29668 ON
 DATE. IT IS NOT TO
 BE USED FOR
 CONSTRUCTION

JAMES C. POTTER LA P.E. #29668	PRELIMINARY - FOR PERMIT PURPOSES ONLY
DATE <u>SEPT '20</u> SHT SIZE <u>11"x17"</u> DESIGN <u>JCP</u> DRAWN <u>JP</u> CHECK <u>JCP</u> APPR'D <u>NPL</u> JOB NO. <u>11361</u>	SHINTECH LOUISIANA LLC PLAQUEMINE LOUISIANA PROPOSED NEW SHIP DOCK EXPANSION CROSS SECTIONS
SHEET NO. X2	