

JOINT PUBLIC NOTICE

August 4, 2014

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

State of Louisiana
Department of Environmental Quality
Water Quality Certification Section
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

(504) 862-2675
Project Manager
Jamie Crowe
Jamie.M.Crowe@usace.army.mil
Permit Application Number
MVN 1999-3891 CO

(225) 219-3225
Project Manager
Elizabeth Johnson
WQC Application Number
WQC 140729-01

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, Office of Environmental Services, 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).

MODIFICATION OF DRY BULK CONVEYING SYSTEM AT AN EXISTING FACILITY IN MISSISSIPPI RIVER IN ASCENSION PARISH

NAME OF APPLICANT: Waterloo Operations, LLC, c/o Carubba Engineering, Inc.,
Attn: Roy Carubba; 3621 Ridgelake Drive, Suite 204, Metairie, Louisiana 70002.

LOCATION OF WORK: Within the Mississippi River Basin, in the Lower Mississippi River – Baton Rouge hydrologic unit (HUC 08070100), in the Mississippi River, left descending bank, approximately 185.5 miles above the Head of Passes, near Geismar, Louisiana, in Ascension Parish, as shown on the enclosed drawings.

The work described below was partially completed prior to obtaining a Department of the Army permit and was in violation of Section 301 of the Clean Water Act. All legal issues concerning the unauthorized work have since been deferred.

CHARACTER OF WORK: The applicant proposes to expand a dry bulk conveying system extending from the Mississippi River batture and terminating approximately 500 feet from the levee on the protected side. The proposed expansion includes the

installation of two new conveyors, four mooring structures, and appurtenances. An existing levee ramp will be used to access the site. Approximately 125 cubic yards of native material will be excavated and used as backfill around the proposed concrete footings for the conveyors. Rip rap will be placed at the base of pilings that penetrate the revetment. In addition, four unauthorized mooring structures were installed in the batture. Approximately 0.3 acre of forested batture wetlands were impacted during the installation of the mooring structures. As compensation for unavoidable wetland impacts the applicant proposes to purchase wetland credits from a Corps approved mitigation bank located in the watershed.

The applicant may be required to fully or partially restore the site to pre-project conditions if issuance of a permit is determined to be contrary to the public interest.

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** 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 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.

The proposed activity is located in waters known to be utilized by the pallid sturgeon (*Scaphirhynchus albus*). Less than 0.1 acre of foraging habitat will be directly impacted by the proposed activity. Because the impact is minimal and occurs over an existing revetment, the Corps has determined that this activity is not likely to adversely affect the pallid sturgeon.

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 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.

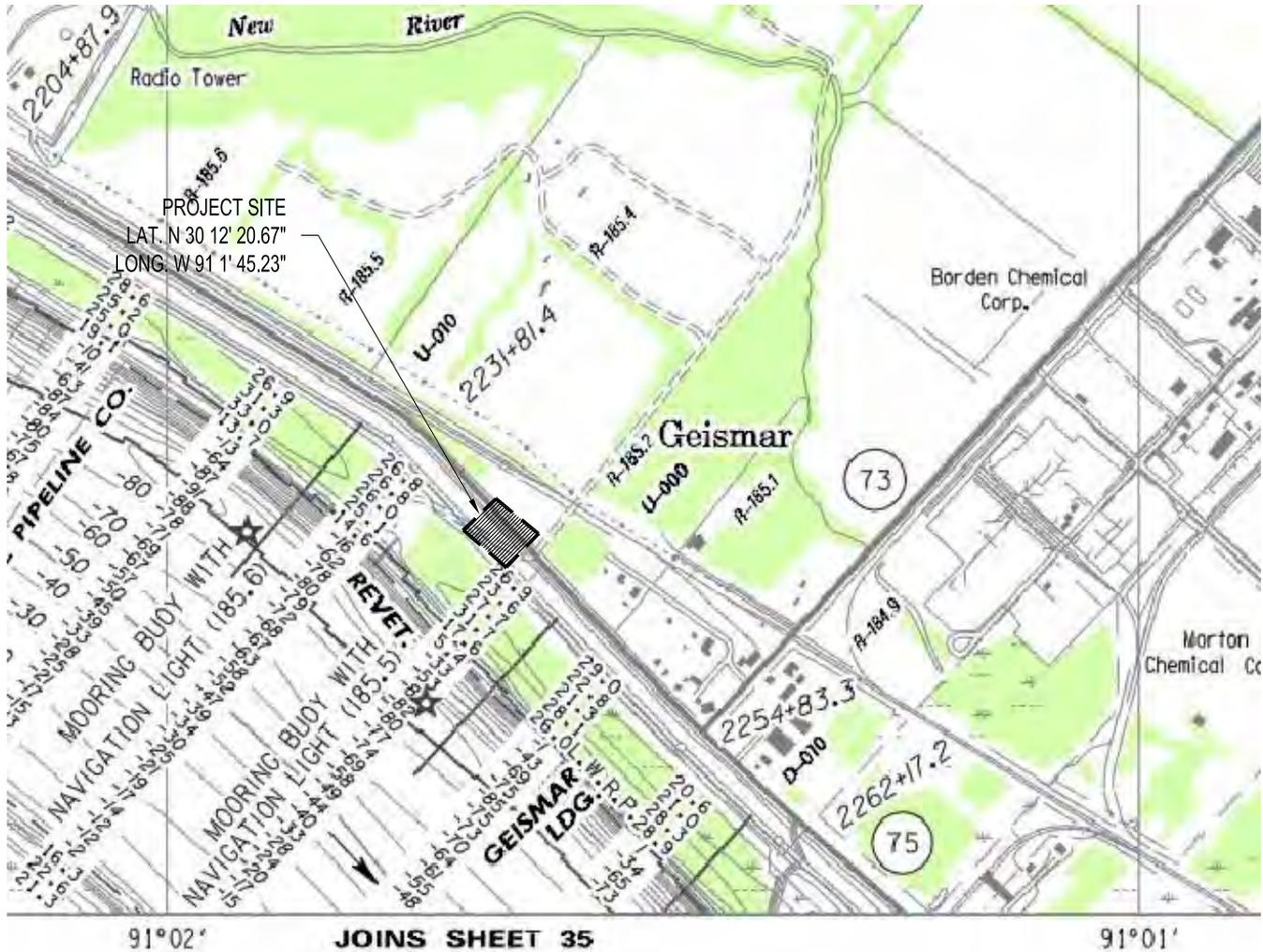
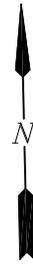
If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not 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.

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John M. Herman
Chief, Central Evaluation Section
Regulatory Branch

Enclosure



VICINITY PLAN

SCALE: N.T.S.



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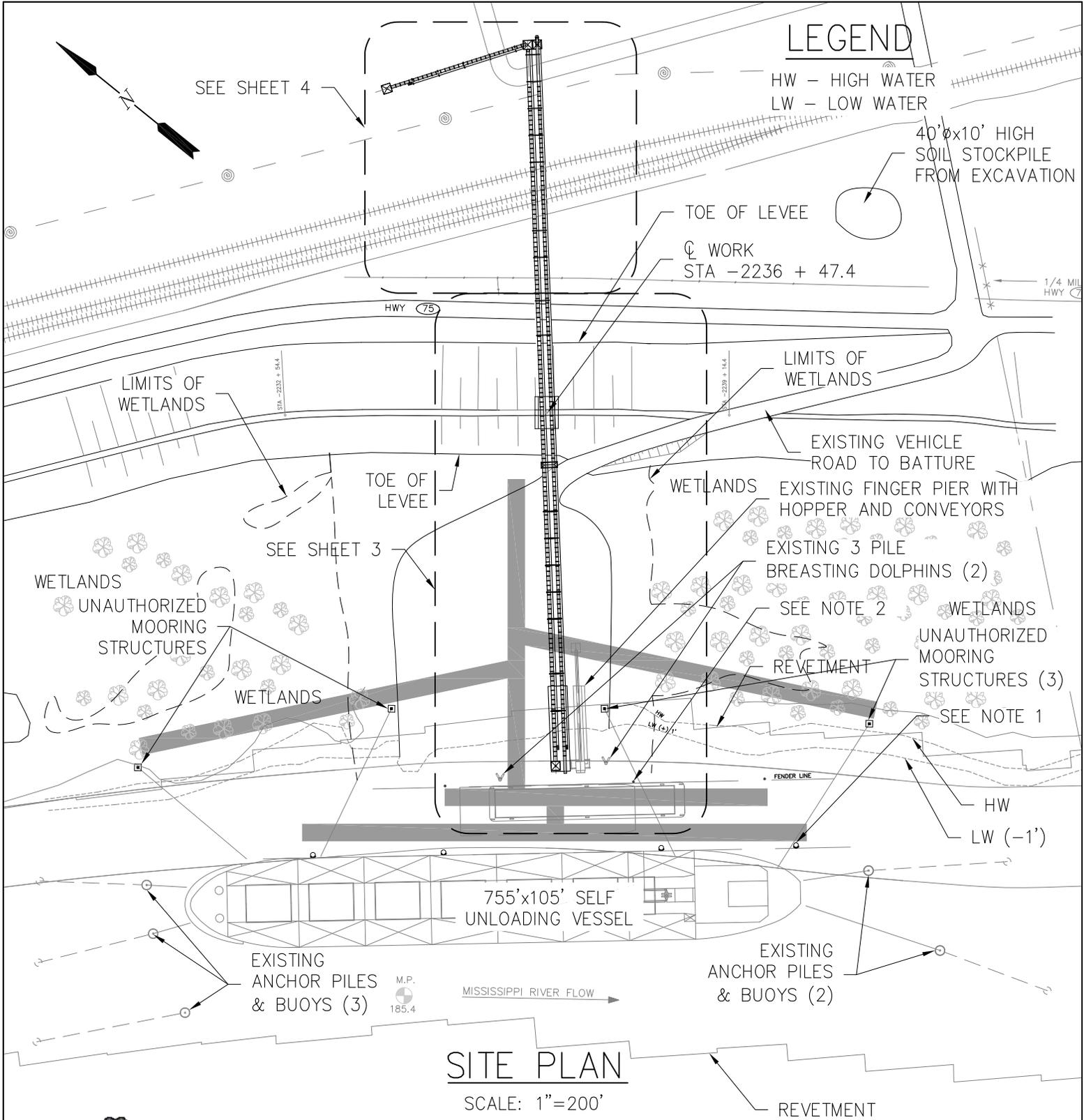
WATERLOO OPERATIONS, LLC
GEISMAR LOUISIANA

VICINITY PLAN

7/29/2014

DATE August 30, 2013
DESIGN RMC
DRAWN DW
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SHEET No.

1



- NOTE:
- (4) 84"Ø BREASTING DOLPHIN
 - (3) 42"Ø MOORING DOLPHIN



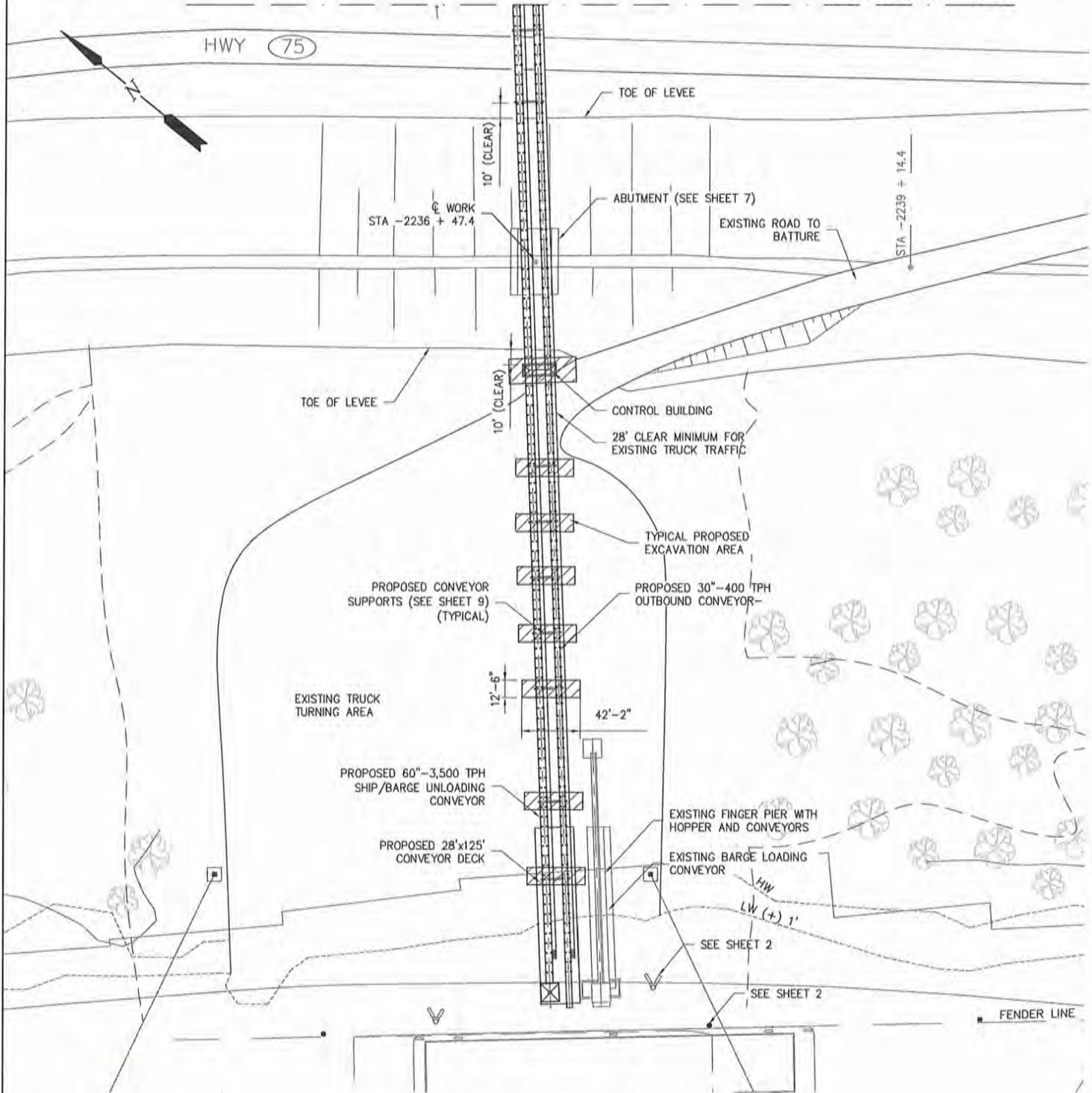
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WATERLOO OPERATIONS, LLC
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SITE PLAN
 7/29/2014

DATE August 30, 2013
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MATCH LINE A-A



ENLARGED SITE PLAN

SCALE: 1"=100'



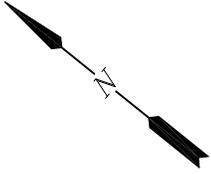
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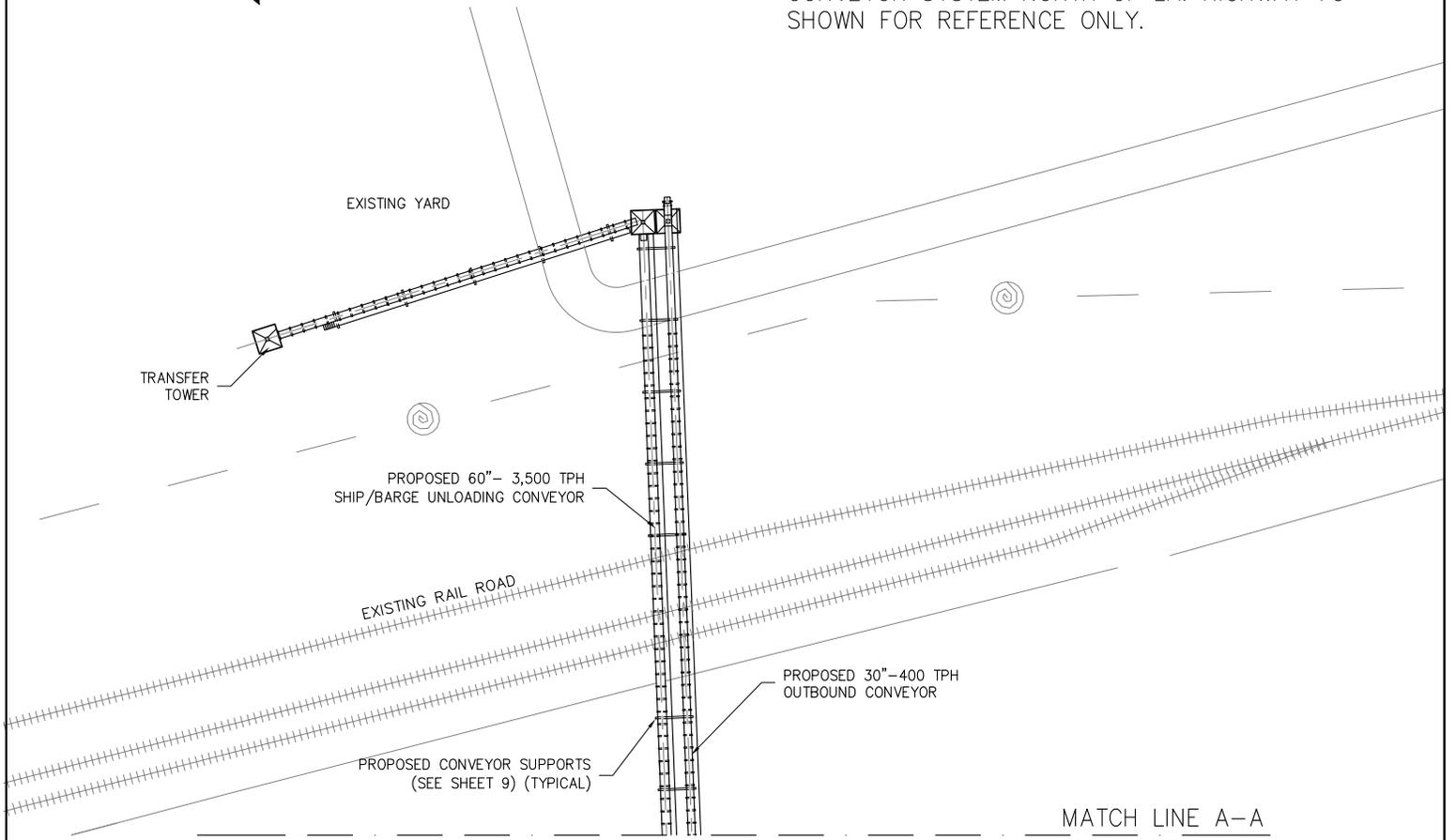
ENLARGED SITE PLAN
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NOTE:
CONVEYOR SYSTEM NORTH OF LA. HIGHWAY 75
SHOWN FOR REFERENCE ONLY.



ENLARGED SITE PLAN

SCALE: 1"=100'



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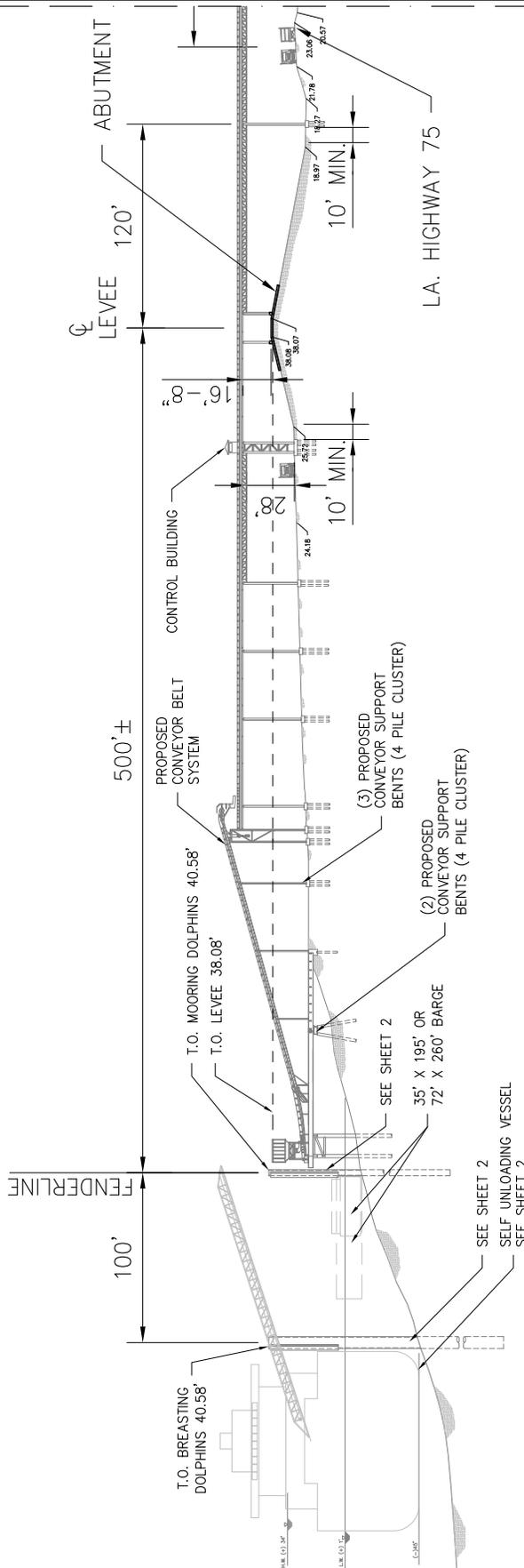
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WATERLOO OPERATIONS, LLC
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SECTION
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5

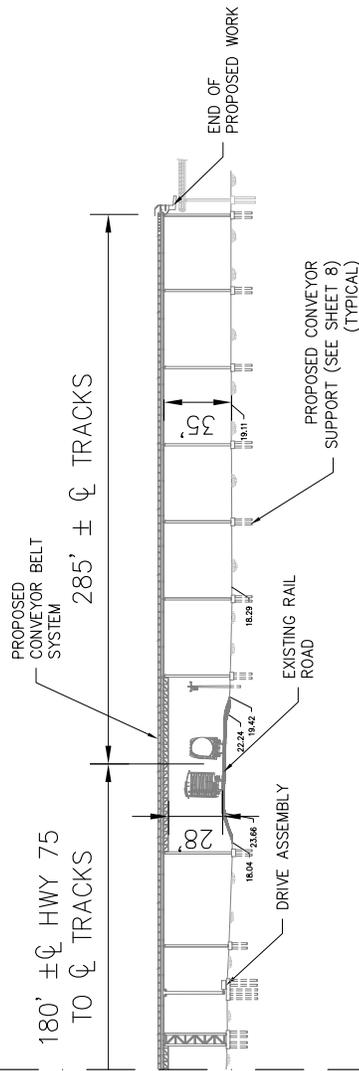


SECTION
 SCALE: 1" = 100'

MATCH LINE A-A

LA. HIGHWAY 75

NOTE:
 CONVEYOR SYSTEM NORTH OF LA. HIGHWAY 75
 SHOWN FOR REFERENCE ONLY.



SECTION
 SCALE: 1"=100'

MATCH LINE A-A



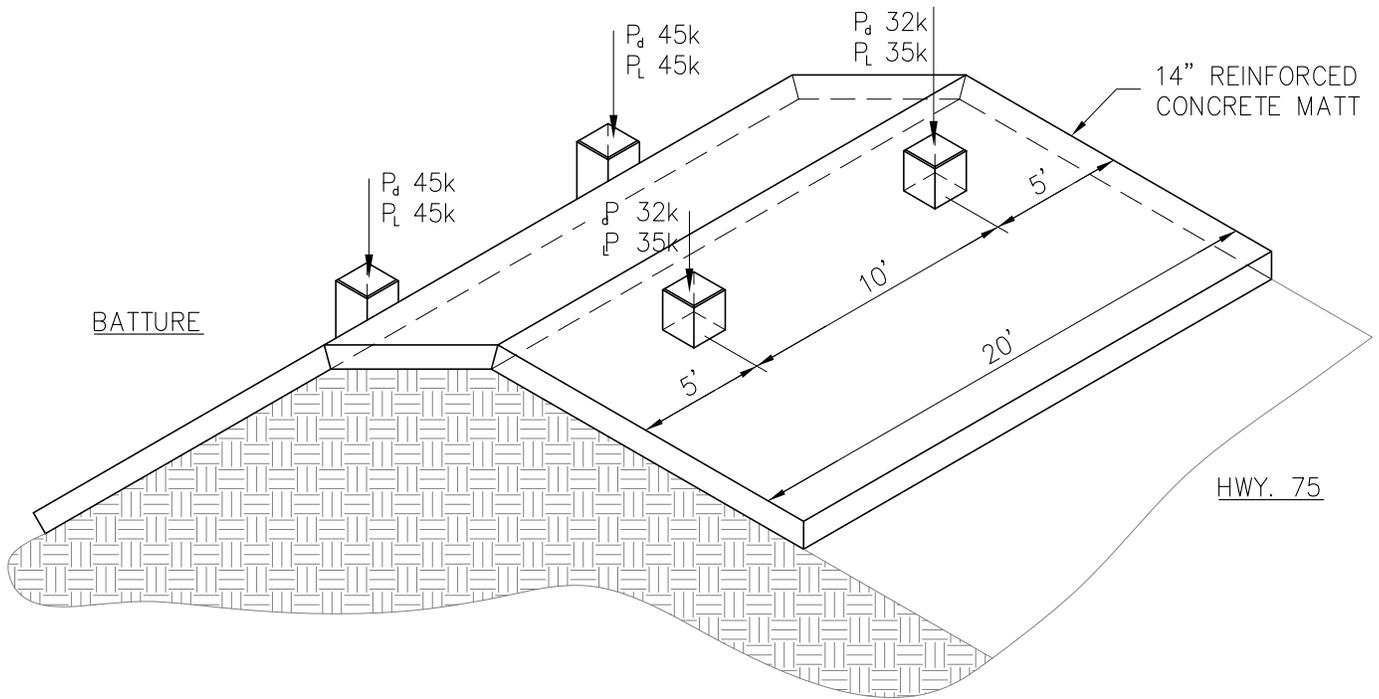
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SECTION
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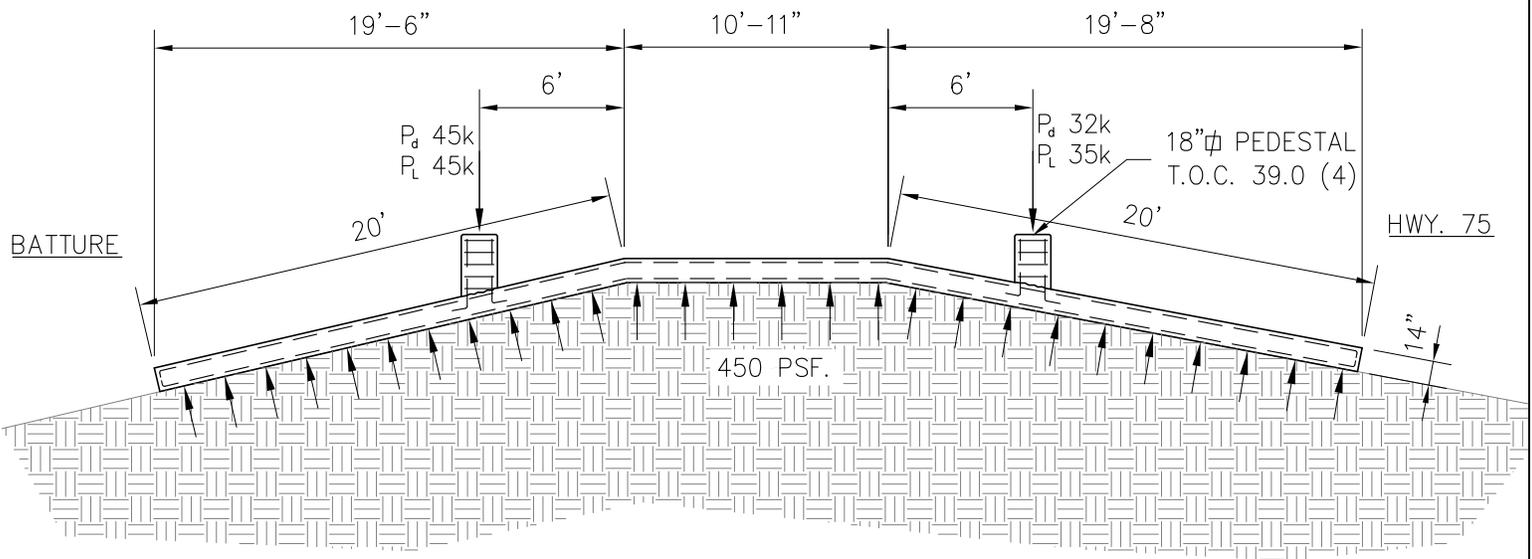
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ISOMETRIC LOADING DIAGRAM

SCALE: N.T.S.



ABUTMENT

SCALE: N.T.S.



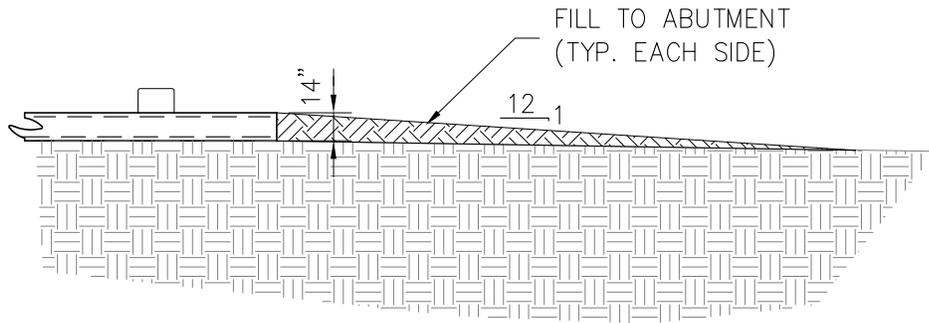
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ABUTMENT SECTION +
ISOMETRIC
 7/29/2014

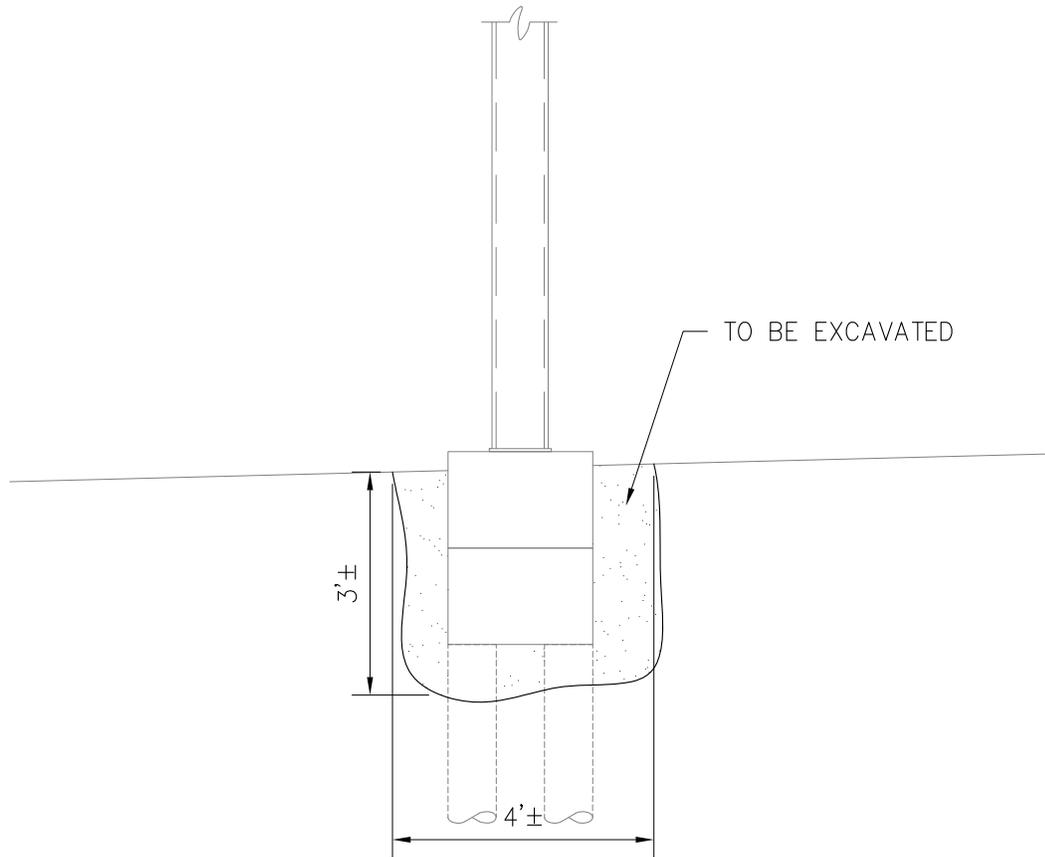
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FILL TRANSITION AT ABUTMENT

SCALE: N.T.S.



TYPICAL EXCAVATION DETAIL @ BENT

SCALE: N.T.S.



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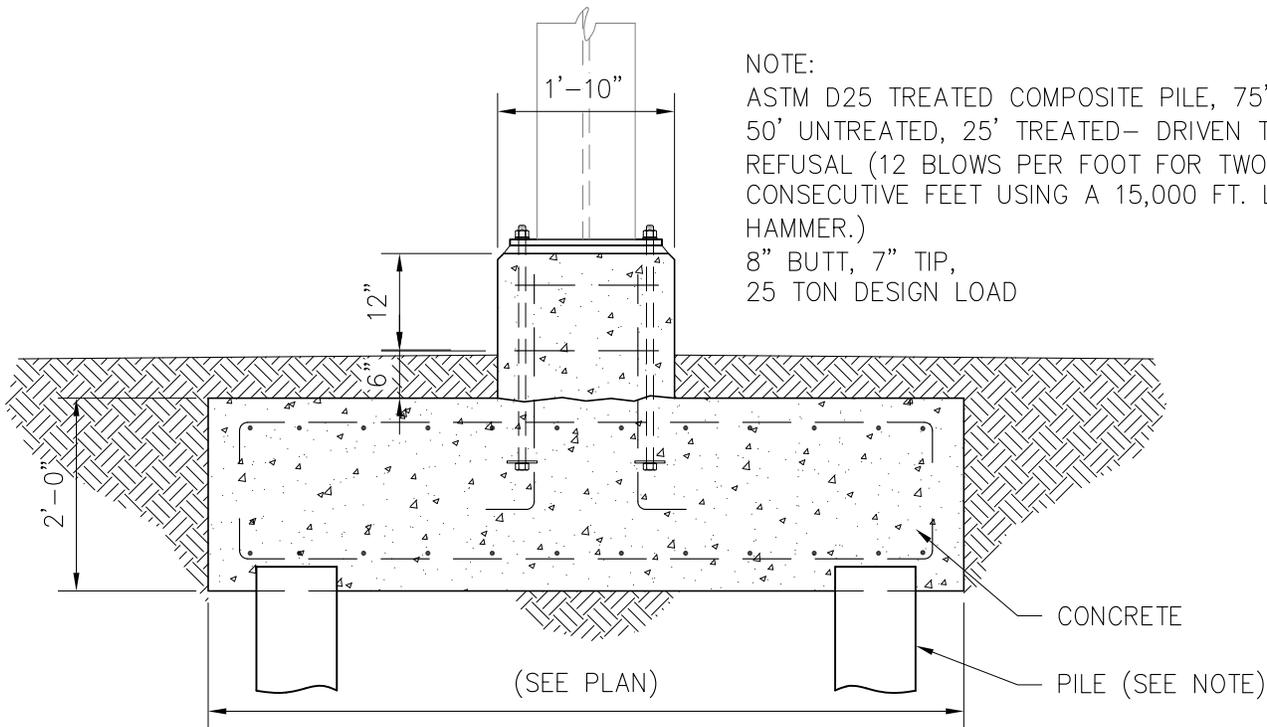
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FILL TRANSITION AT ABUTMENT

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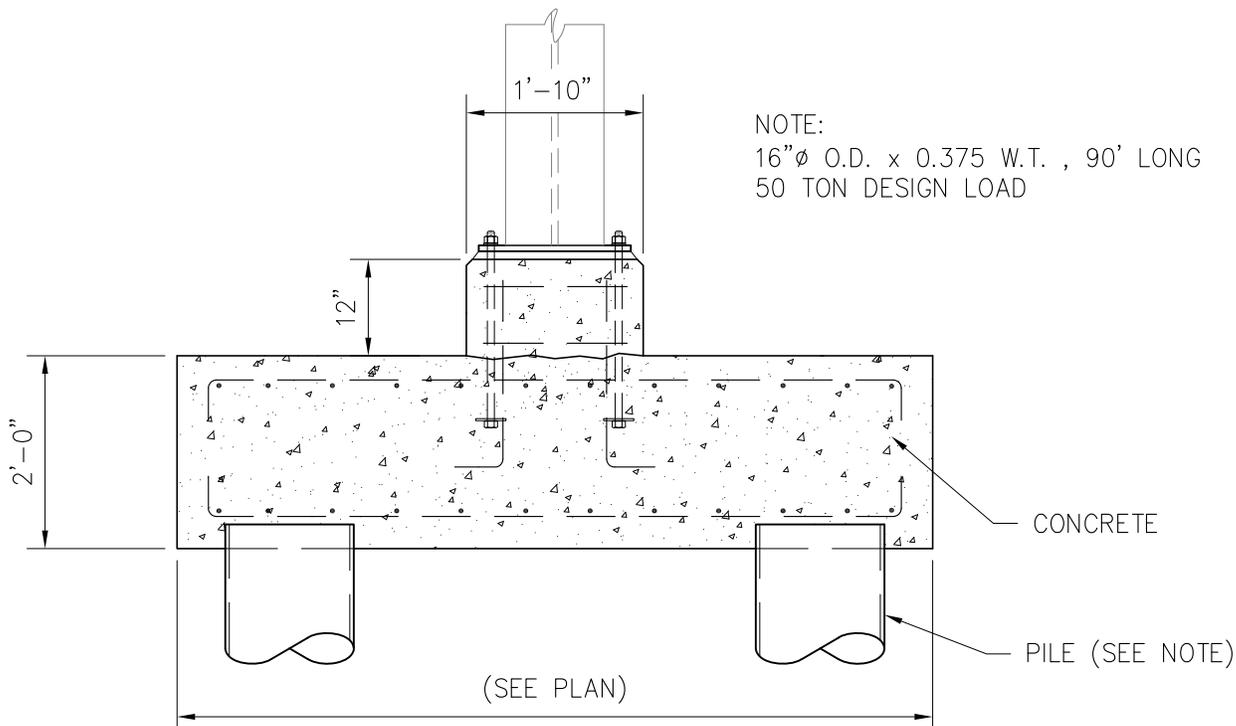
8



NOTE:
 ASTM D25 TREATED COMPOSITE PILE, 75' LONG –
 50' UNTREATED, 25' TREATED– DRIVEN TO
 REFUSAL (12 BLOWS PER FOOT FOR TWO
 CONSECUTIVE FEET USING A 15,000 FT. LB. DROP
 HAMMER.)
 8" BUTT, 7" TIP,
 25 TON DESIGN LOAD

TYPICAL CONVEYOR SUPPORT DETAIL

SCALE: 1/2"=1'-0"



NOTE:
 16"Ø O.D. x 0.375 W.T. , 90' LONG
 50 TON DESIGN LOAD

TYPICAL CONVEYOR SUPPORT DETAIL @ RIVER

SCALE: 1/2"=1'-0"



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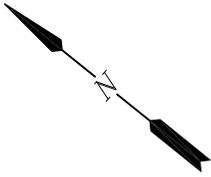
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**TYPICAL CONVEYOR
 SUPPORT DETAIL**
 7/29/2014

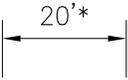
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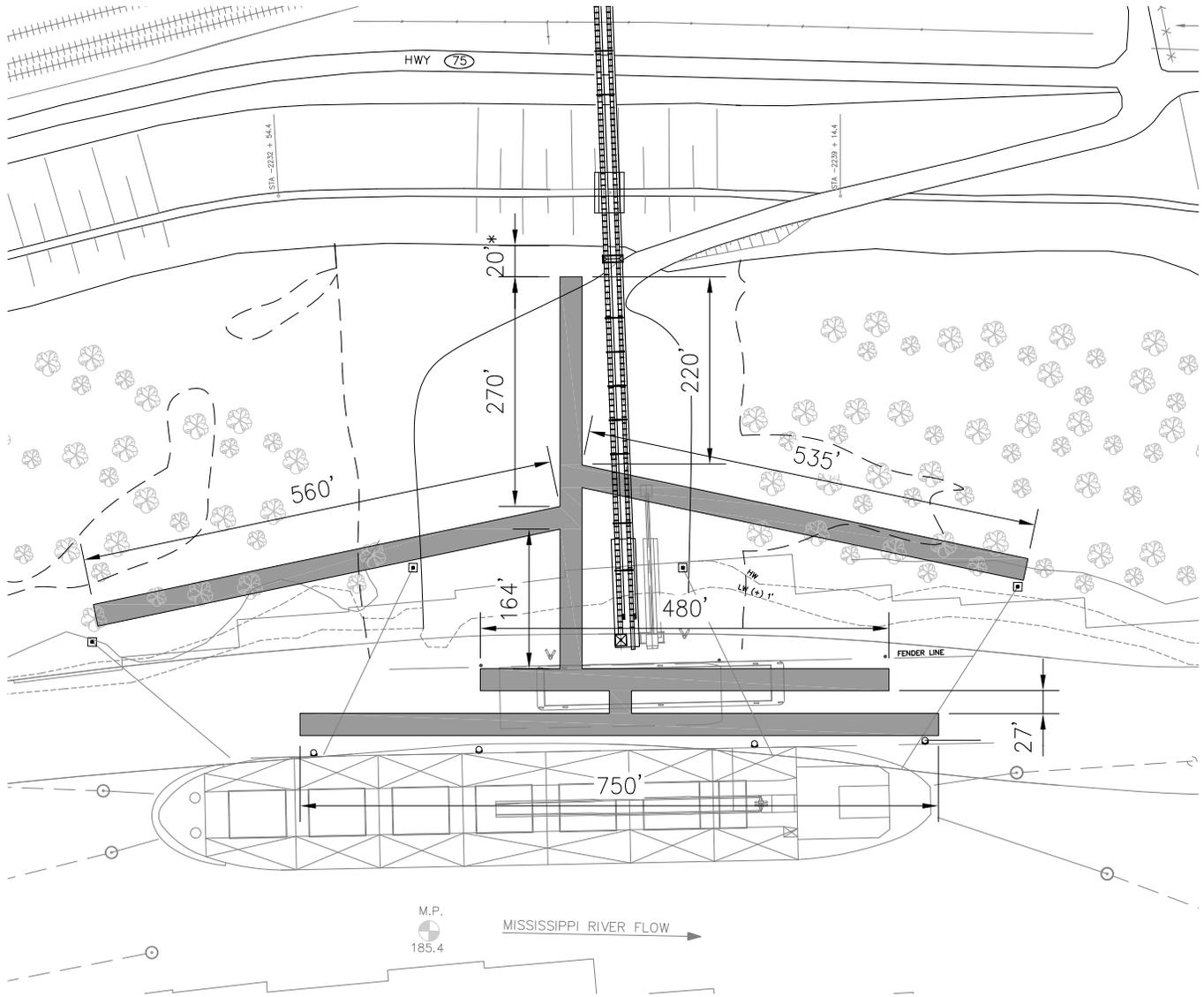
LEGEND



MARINE CONSTRUCTION CORRIDOR (TYPICAL 30')



MAINTAIN 20' BETWEEN TOE OF LEVEE AND CONSTRUCTION CORRIDOR



MARINE CONSTRUCTION CORRIDOR PLAN

SCALE: 1"=200'



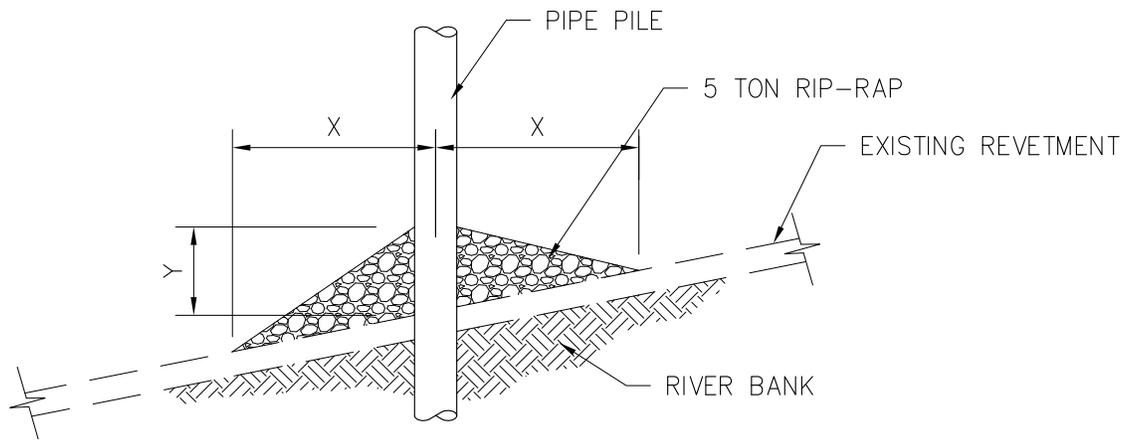
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**MARINE CONSTRUCTION
 CORRIDOR PLAN**
 7/29/2014

DATE December 17, 2013
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DEPTH OF WATER IN FEET AT PILE PENETRATION	DISTANCE IN FEET		APPROXIMATE TONS OF STONE REQUIRED
	X	Y	
0' - 10'	3'	1.5'	1.5
11' - 40'	5'	2'	6.5
41' - 60'	8'	3'	22
61' - 100'	12'	4'	57

NOTES:

1. SIZE OF RIP-RAP TO VARY BETWEEN 5 POUNDS AND 125 POUNDS WITH 40% TO 60% WITHIN THE RANGE OF 25 POUNDS TO 75 POUNDS.
2. RIP-RAP 10" THICK SHALL BE PLACED AROUND THE DISTURBED AREA OF ANY PILE DRIVEN THROUGH THE UPPER BANK PAVING.

REVTMENT REPAIR DETAIL

SCALE: N.T.S.

NOTES

1. PILES TO BE DRIVEN OPEN END.
2. PILING SHALL BE DRIVEN TO THE MINIMUM TIP ELEVATIONS SHOWN IN THE PILE SCHEDULE. PILE TIP ELEVATIONS SHOWN IN THE PILE SCHEDULE ARE FOR BID PURPOSES ONLY. ACTUAL MINIMUM TIP ELEVATIONS SHALL BE DETERMINED BASED ON RESULTS OF THE TEST PILE DRIVING PROGRAM DESCRIBED IN THE PROJECT GEOTECHNICAL REPORT.
3. STEEL PIPE PILES SHALL BE IN CONFORMANCE WITH SECTION 02364 "STEEL PIPE PILES". PILES SHALL BE DRIVEN IN ACCORDANCE WITH SECTION 02360 "PILE DRIVING" TEST PILES SHALL BE TESTED AND DRIVEN IN ACCORDANCE WITH SECTION 02350 "TEST PILE PROGRAM".
4. SEE PLAN FOR LOCATION, SEE DETAIL FOR SIZE AND WALL THICKNESS, MADE FROM ASTM A252 GRADE 3 STEEL.



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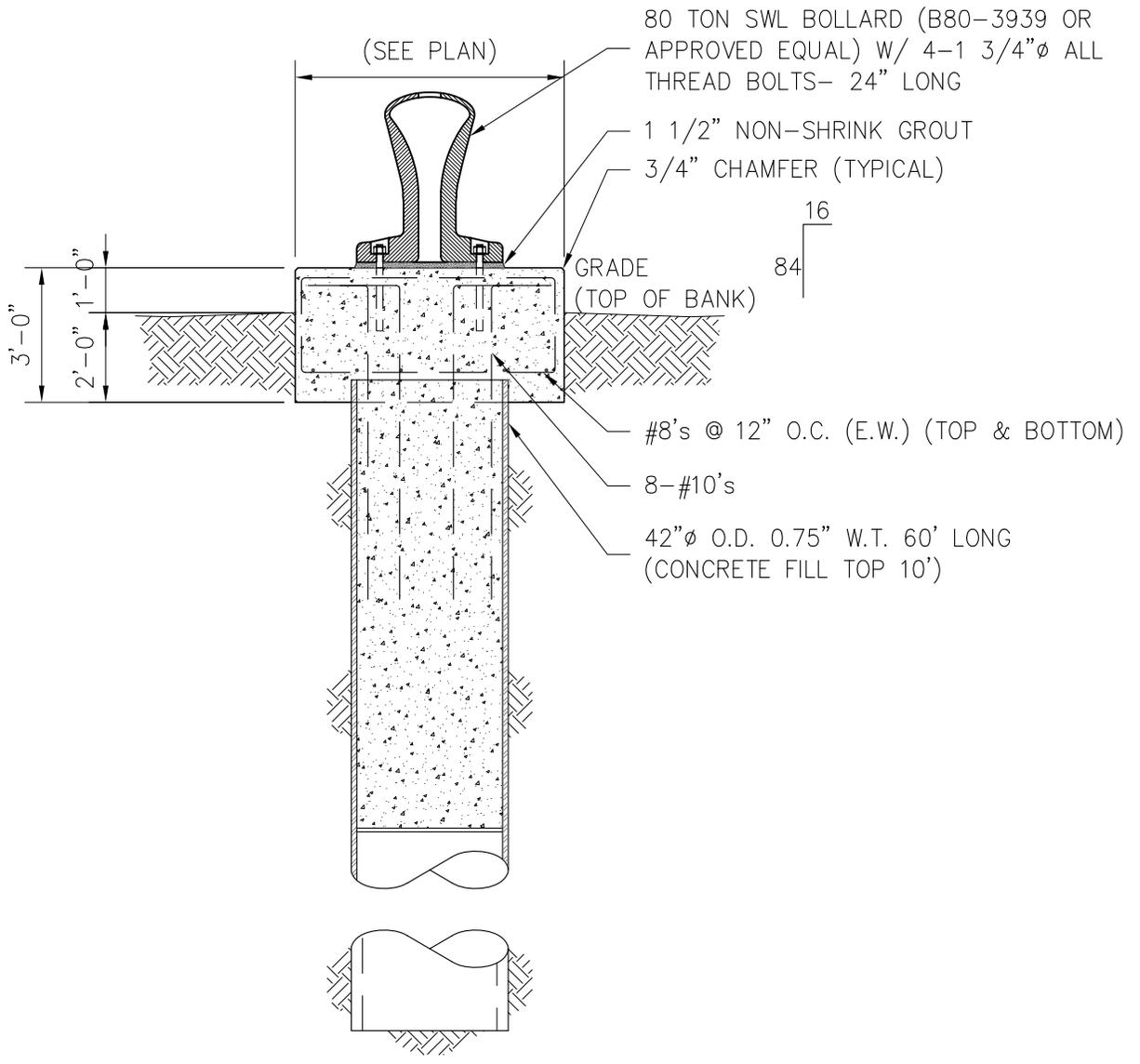
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REVTMENT REPAIR DETAIL

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TYPICAL MORING STRUCTURE DETAIL

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REVETMENT REPAIR DETAIL
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