



**US Army Corps  
of Engineers®**

# PUBLIC NOTICE

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Applicant:  
CF Industries Blue Point, LLC

Published: August 25, 2025  
Expires: September 24, 2025

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**New Orleans District (CEMVN)**  
**Permit Application No. MVN-2023-00269-CF**

TO WHOM IT MAY CONCERN: The New Orleans District of the U.S. Army Corps of Engineers (Corps) has received an application for a Department of the Army permit pursuant to Section 404 of the Clean Water Act (33 U.S.C. §1344) **and/or** Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. §403). The purpose of this public notice is to solicit comments from the public regarding the work described below:

**APPLICANT:** CF Industries Blue Point, LLC  
PO Box 649  
Donaldsonville, LA 70346

**AGENT:** Olivia Barry  
CK Associates  
8591 United Plaza Boulevard  
Suite 300  
Baton Rouge, LA 70809

**WATERWAY AND LOCATION:** The project would affect waters of the United States and navigable waters of the United States associated with Mississippi River. The project/review area is located along Noel Road in Sections 31,32, and 33, Township 10S, Range 14E; at Latitude 30.172609 and Longitude -91.037394; in Donaldsonville, Ascension Parish, Louisiana.

**EXISTING CONDITIONS:** The existing site is a mixture of agriculture fields, jurisdictional non-wetland water ditches, and bottomland hardwoods on the protected side of the levee. On the flood side of the levee, the existing site consists of forested batture wetlands, existing dredge spoil areas, and Mississippi River waterbottoms.

**PROJECT PURPOSE:** Construction of a low carbon ammonia facility near the Gulf Coast.

**Basic:** Low carbon ammonia facility

**Overall:** Construction of a low carbon ammonia facility, marine terminal, and heavy haul road near the Gulf Coast.

**PROPOSED WORK:** The applicant requests authorization to clear, grade, and fill wetlands and non-wetland waters for the construction of an ammonia manufacturing facility, marine terminal and pipe rack, and heavy haul road. The applicant is proposing to permanently impact 1.04 acres of wetlands for the construction of the heavy haul road and temporarily impact 1.88 acres of wetlands for the construction of the marine terminal and pipe rack. The applicant is proposing to convert 2.63 acres of forested batture wetlands to emergent wetlands for the construction of the marine terminal and pipe rack and heavy haul road. The applicant is proposing to temporarily impact 44.97 acres of Mississippi waterbottoms and dredge 900,000 cubic yards of material. The dredged material will be deposited in an existing dredged spoil location previously permitted in MVN-2007-1199-CX. The applicant is proposing to permanently impact 1.74 acres of non-wetland waters and temporarily impact 4.89 acres of non-wetland waters for the construction of the heavy haul road and ammonia manufacturing facility. The carbon dioxide well and pipeline will be permitted by others, and a pre-application request has been submitted and assigned under MVN-2025-00376-CF. Additionally, transmission lines and natural gas pipelines required to operate the facility will be permitted by others and their estimated impacts are included in the figures and will be considered for cumulative effects.

**AVOIDANCE AND MINIMIZATION:** The applicant has provided the following information in support of efforts to avoid and/or minimize impacts to the aquatic environment:

The applicant is avoiding 44 acres of wetlands to the southwest of the proposed ammonia manufacturing facility that are part of an existing conservation servitude. The applicant is proposing to avoid 0.68 acre and 2.85 acres of wetlands and non-wetland waters identified on the Noel property to construction the ammonia manufacturing facility. For the marine terminal and pipe rack and heavy haul road, the applicant claims that they have designed these project components to the minimum size practicable to reduce impacts to wetlands and non-wetland waters.

**COMPENSATORY MITIGATION:** The applicant offered the following compensatory mitigation plan to offset unavoidable functional loss to the aquatic environment:

The applicant is proposing to compensate for all unavoidable impacts to wetlands by purchasing mitigation credits from a CEMVN-RG approved mitigation bank within the watershed.

**CULTURAL RESOURCES:** The Corps is evaluating the undertaking for effects to historic properties as required under Section 106 of the National Historic Preservation Act. This public notice serves to inform the public of the proposed undertaking and invites comments including those from local, State, and Federal government Agencies with respect to historic resources. Our final determination relative to historic resource impacts may be subject to additional coordination with the State Historic Preservation Officer (SHPO), federally recognized tribes and other interested parties.

The District Engineer's final eligibility and effect determination will be based upon coordination with the SHPO and/or THPO, as appropriate and required, and with full consideration given to the proposed undertaking's potential direct and indirect effects on historic properties within the Corps-identified permit area.

**ENDANGERED SPECIES:** The Corps has performed an initial review of the application for Section 7 of the Endangered Species Act compliance via the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC), National Marine Fisheries Service (NMFS) Section 7 Mapper, and the NMFS Critical Habitat Mapper to determine if any threatened, endangered, proposed, or candidate species, as well as the proposed and final designated critical habitat may occur in the vicinity of the proposed project. Based on this initial review, the Corps has made a preliminary determination that the proposed project would not likely adversely affect the West Indian Manatee and Pallid Sturgeon.

**Table 1:** ESA-listed species and/or critical habitat potentially present in the action area.

<b>Species Common Name and/or Critical Habitat Name</b>	<b>Scientific Name</b>	<b>Federal Status</b>
West Indian Manatee	<i>Trichechus manatus</i>	Endangered
Pallid Sturgeon	<i>Scaphirhynchus albus</i>	Threatened

Pursuant to Section 7 ESA, any required consultation with the Service(s) will be conducted in accordance with 50 CFR part 402.

This notice serves as request to the U.S. Fish and Wildlife Service for any additional information on whether any listed or proposed to be listed endangered or threatened species or critical habitat may be present in the area which would be affected by the proposed activity.

**ESSENTIAL FISH HABITAT:** Pursuant to the Magnuson-Stevens Fishery Conservation and Management Act 1996, the Corps reviewed the project area, examined information provided by the applicant, and consulted available species information.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Our initial determination is that the proposed action may adversely affect EFH and/or fisheries managed by Fishery Management Councils and the National Marine Fisheries Service (NMFS). Implementation of the proposed project would directly impact approximately 44.97 acres of Mississippi River waterbottoms. The effects of the project are determined to be minimal and temporary. These habitat(s) are utilized by the following species and their various life stages:

Shrimp, Coastal Migratory Pelagics (Mackerels), Red Drum, and Reef Fish.

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.

**NAVIGATION:** The proposed structure or activity is located in or adjacent to the Mississippi River federal channel.

**SECTION 408:** The applicant will require permission under Section 14 of the Rivers and Harbors Act of 1899 (33 USC 408) because the activity, in whole or in part, would alter, occupy, or use a Corps Civil Works project.

This request will also be reviewed pursuant to Section 408 and USACE Engineering Circular (EC) 1165-2-220, which provides policy and procedural guidance for processing requests to alter USACE civil works projects.

The decision whether to grant permission for the requested alteration will be based on several factors. The benefits that reasonably may be expected to accrue from the proposal will be balanced against its reasonably foreseeable detriments. Review of the requests for modification will be reviewed by a USACE technical review team considering the following factors:

a. Potential to Impair the Usefulness of the Project. Proposed alterations will be reviewed to determine whether the alteration would limit the ability of the USACE project to function as authorized, or would compromise or change any authorized project conditions, purposes or outputs. If USACE determines that the usefulness of the authorized project would be impaired, the request will be denied.

b. Potential to be Injurious to the Public Interest. Proposed alterations will be reviewed to determine the probable impacts, including cumulative impacts, on the public interest. Factors that may be relevant to the public interest depend upon the type of USACE project being altered and may include, but are not limited to, such things as conservation, economic development, historic properties, cultural resources, environmental impacts, water supply, water quality, flood hazards, floodplains, residual risk, induced damages, navigation, shore erosion or accretion, and recreation. This evaluation will consider information received from the interested parties, including tribes, agencies, and the public. The decision whether to approve an alteration will be determined by the consideration of whether benefits are commensurate with risks. If the potential detriments are found to outweigh the potential benefits, then it may be determined that the proposed alteration is injurious to the public interest.

**WATER QUALITY CERTIFICATION:** Water Quality Certification may be required from the Louisiana Department of Environmental Quality and/or the Environmental Protection Agency.

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 LA Department of Environmental Quality before a Department of the Army permit is issued.

**NOTE:** This public notice is being issued based on information furnished by the applicant. This information has not been verified or evaluated to ensure compliance with laws and regulation governing the regulatory program. The geographic extent of aquatic resources within the proposed project area that either are, or are presumed to be, within the Corps jurisdiction has been verified by Corps personnel.

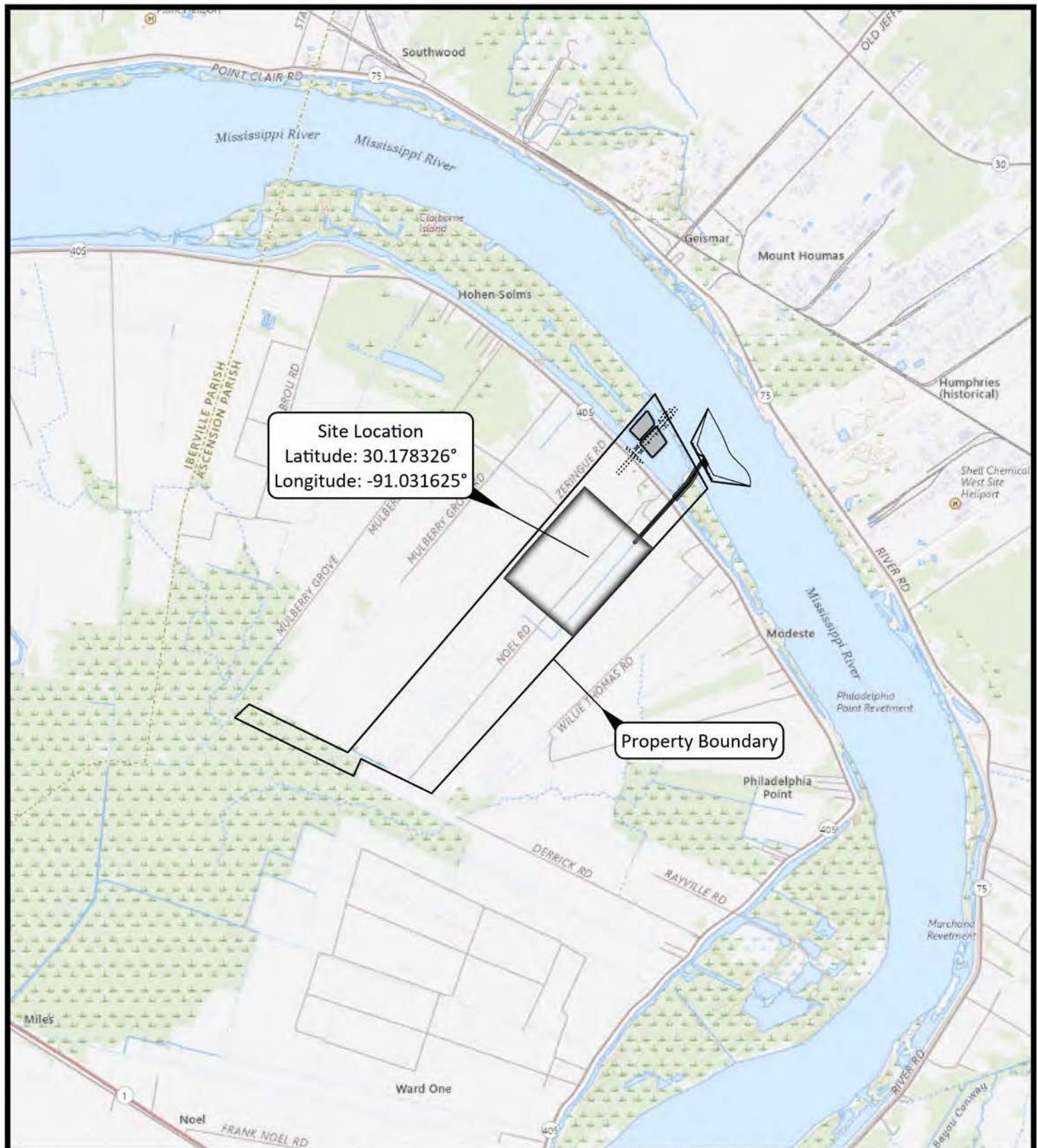
**EVALUATION:** The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, 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 cumulative impacts thereof; among these are conservation, economics, esthetics, general environmental concerns, wetlands, historical 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. Evaluation of the impact of the activity on the public interest will also include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act or the criteria established under authority of Section 102(a) of the Marine Protection Research and Sanctuaries Act of 1972. A permit will be granted unless its issuance is found to be contrary to the public interest.

**COMMENTS:** The Corps 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 Corps to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this determination, comments are used to assess impacts to endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment (EA) and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act (NEPA). 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 will receive written comments on the proposed work, as outlined above, until September 24, 2025. Comments should be submitted electronically via the Regulatory Request System (RRS) at <https://rrs.usace.army.mil/rrs> or to Zach

Steinkoenig at [zachary.j.steinkoenig@usace.army.mil](mailto:zachary.j.steinkoenig@usace.army.mil). Alternatively, you may submit comments in writing to the following address: U.S. Army Corps of Engineers, New Orleans District, Attention: Zach Steinkoenig, 7400 Leake Avenue New Orleans, Louisiana 70118-3651. Please refer to the permit application number in your comments.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. Requests for a public hearing will be granted, unless the District Engineer determines that the issues raised are insubstantial or there is otherwise no valid interest to be served by a hearing.



Proposed Low Carbon Ammonia Plant Boundary



0 4,000  
Feet

ESRI USGS Topo



## CF Industries Blue Point, LLC

Donaldsonville, Louisiana

Low Carbon Ammonia Facility

### Site Location Map

Ascension Parish



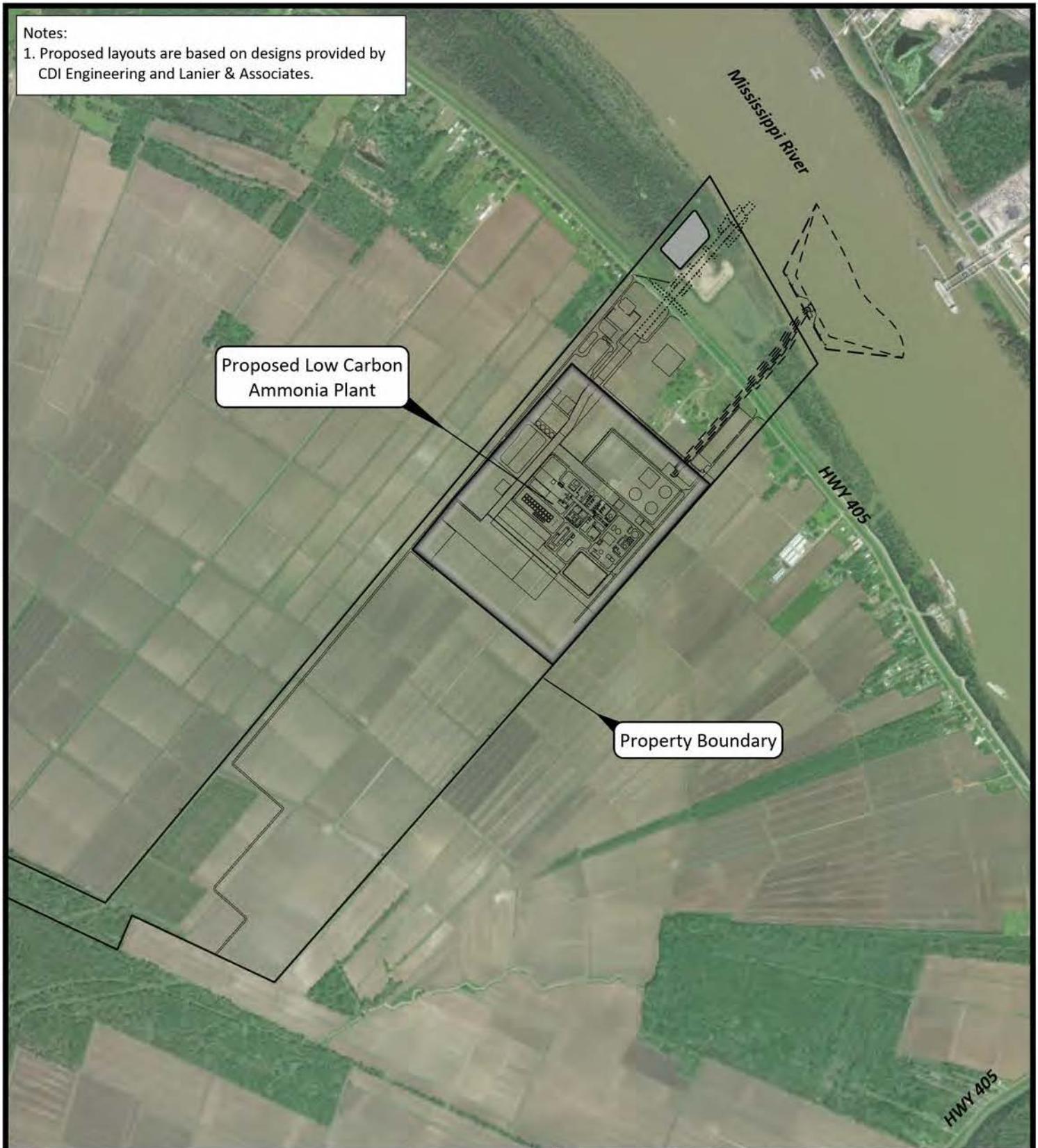
Drawn: CAL  
Checked: APK  
Date: 7/7/2025  
Approved: OPB

Dwg. No.: 20046GEO

**Figure 1**

Notes:

1. Proposed layouts are based on designs provided by CDI Engineering and Lanier & Associates.



- Property Boundary
- Proposed Low Carbon Ammonia Plant Boundary
- Proposed Marine Terminal and Pipe Rack
- Proposed Dredge Disposal Area (MVN-2007-1199-CX)
- Proposed Heavy Haul Road

"Figures are for Permitting Only – Not to be used for Construction"



ESRI World Imagery



**CF Industries Blue Point, LLC**  
Donaldsonville, Louisiana

Low Carbon Ammonia Facility

**Project Overview Map**

Ascension Parish



Drawn: CAL Checked: APK  
Date: 7/7/2025 Approved: OPB

Dwg. No.: 20046GEO

**Figure 2**



- Survey Area MVN-2023-00269-SK
- Section 404/10 Wetlands (18.60 Acres)
- Section 404/10 Non-wetland Waters (5.32 Acres)
- Section 404 Wetlands (0.68 Acres)
- Section 404 Non-wetland Waters (5.20 Acres)
- Desktop Delineation Area
- Section 10/404 Wetlands (1.76 Acres)
- Section 10/404 Non-wetland Waters of the US (2.91 Acres)



0 1,30  
Feet  
ESRI World Imagery 2022

## CF Industries Blue Point, LLC

Donaldsonville, Louisiana

Low Carbon Ammonia Facility

### Existing Conditions Map

Ascension Parish

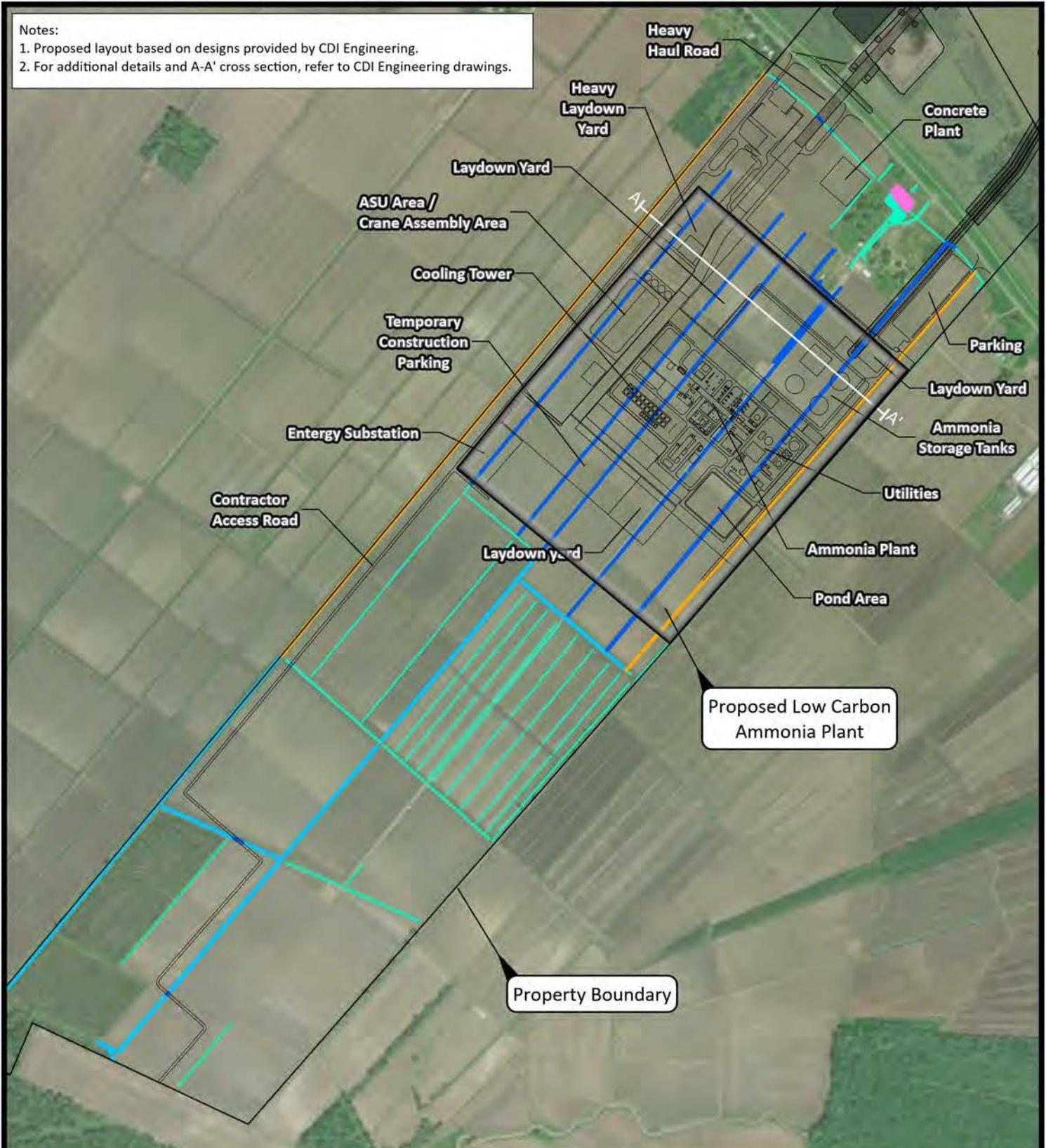


Drawn:	CEO	Checked:	APK
Date:	6/25/2025	Approved:	OPB
Dwg. No.:	20046GEO		

**Figure 3**

Notes:

1. Proposed layout based on designs provided by CDI Engineering.
2. For additional details and A-A' cross section, refer to CDI Engineering drawings.



Property Boundary  
Proposed Low Carbon Ammonia Plant Boundary  
Other Project Areas

Proposed Impacts

- Temporary Impacts to Non-wetland Waters of the US (1.86 Acres)
- Permanent Impacts to Non-wetland Waters of the US (1.69 Acres)
- Non-wetland Waters of the US Not Impacted by Proposed Project (2.85 Acres)
- Wetlands Not Impacted by Proposed Project (0.68 Acres)
- Proposed Drains to be Excavated in Uplands

0 1,250  
Feet  
ESRI World Imagery 2022



CF Industries Blue Point, LLC  
Donaldsonville, Louisiana

Low Carbon Ammonia Facility

## Ammonia Manufacturing Facility Plan View

Ascension Parish



CK ASSOCIATES  
Environmental Consultants

Drawn: CAL Checked: APK  
Date: 7/7/2025 Approved: OPB

Dwg. No.: 20046GEO

Figure 4

Notes:

1. See Figure 8 for B-B' cross section.
2. Proposed layout based on designs provided by Lanier & Associates.
3. For additional details, refer to Lanier & Associates drawings.



Temporary Impacts to Non-Wetland Waters of the US (44.97 Acres)  
Temporary Impacts to PEM Wetlands (0.37 Acres)  
Temporary Impacts to BLH Wetlands (1.51 Acres)  
Conversion of BLH to PEM Wetlands (1.75 Acres)  
Wetlands Not Impacted by Proposed Project (16.61 Acres)  
Non-wetland Waters of the US Not Impacted by Proposed Project (4.27 Acres)

Proposed Dock  
Proposed Approach with Pipe Rack  
Proposed Dredge Area  
Proposed Temporary Workspace  
Other Project Areas

"Figures are for Permitting Only –  
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0 500  
Feet  
ESRI World Imagery 2022



**CF Industries Blue Point, LLC**  
Donaldsonville, Louisiana

Low Carbon Ammonia Facility

## Marine Terminal and Pipe Rack Plan View

Ascension Parish

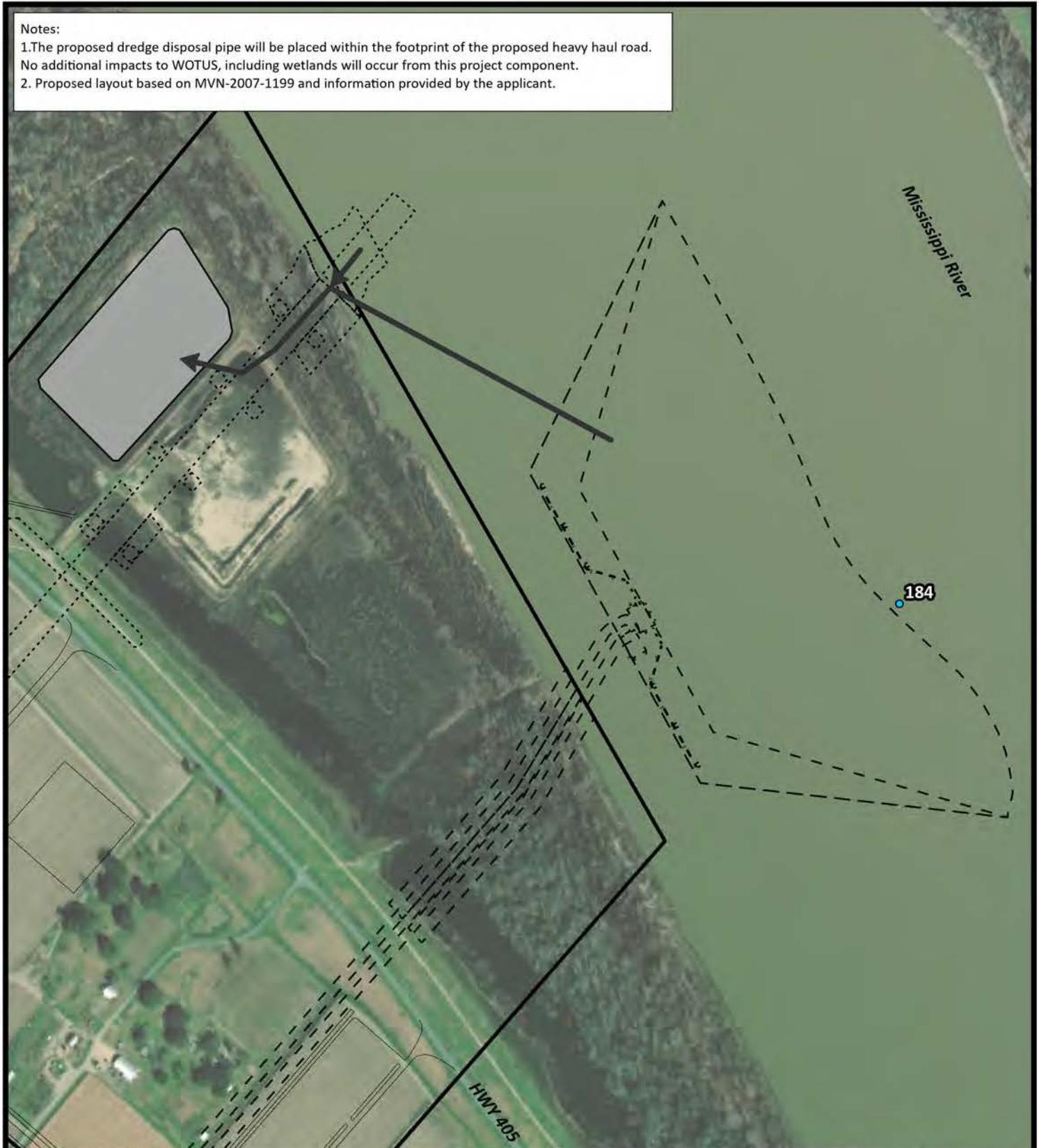


Drawn: CAL Checked: OPB  
Date: 7/8/2025 Approved: APK  
Dwg. No.: 20046GEO

**Figure 5A**

Notes:

- 1.The proposed dredge disposal pipe will be placed within the footprint of the proposed heavy haul road.
2. No additional impacts to WOTUS, including wetlands will occur from this project component.
3. Proposed layout based on MVN-2007-1199 and information provided by the applicant.



- River Mile Post
- Temporary Dredge Disposal Pipeline
- Proposed Dredge Disposal Area (MVN-2007-1199-CX)
- Proposed Ammonia Manufacturing Facility
- Proposed Marine Terminal and Pipe Rack
- Proposed Heavy Haul Road

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World Imagery 3/31/2022, ESRI



**CF Industries Blue Point, LLC**  
Donaldsonville, Louisiana

Low Carbon Ammonia Facility

## Dredge Disposal Plan View

Ascension Parish

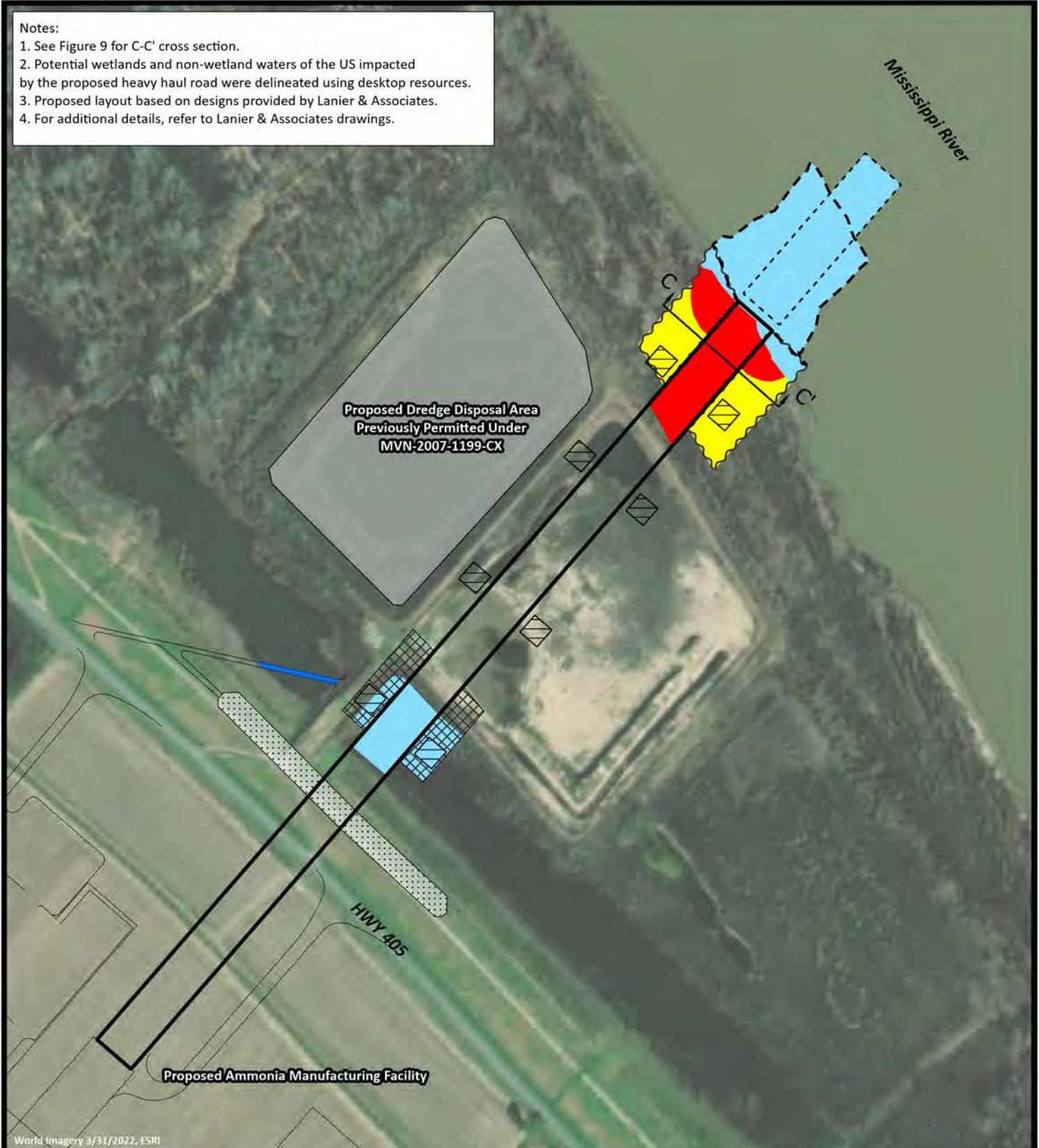


Drawn: CAL  
Date: 7/8/2025  
Dwg. No.: 20046GEO

Checked: APK  
Approved: OPB  
Figure 5B

Notes:

1. See Figure 9 for C-C' cross section.
2. Potential wetlands and non-wetland waters of the US impacted by the proposed heavy haul road were delineated using desktop resources.
3. Proposed layout based on designs provided by Lanier & Associates.
4. For additional details, refer to Lanier & Associates drawings.



World Imagery 3/31/2022, ESRI

- Proposed Heavy Haul Road
- Proposed Levee Crossing
- Proposed Deck Barge
- Proposed Dredge Area

- Maintained Area for Access and Maintenance
- Temporary Workspace
- Temporary Crane Matting Fill



- Temporary Impacts to Non-wetland Waters of the US (3.03 Acres)
- Permanent Impacts to Non-wetland Waters of the US (0.05 Acres)
- Conversion of BLH to PEM Wetlands (0.88 Acres)
- Permanent Impacts to BLH Wetlands (1.04 Acres)

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## CF Industries Blue Point, LLC Donaldsonville, Louisiana

Low Carbon Ammonia Facility

### Heavy Haul Road

#### Plan View

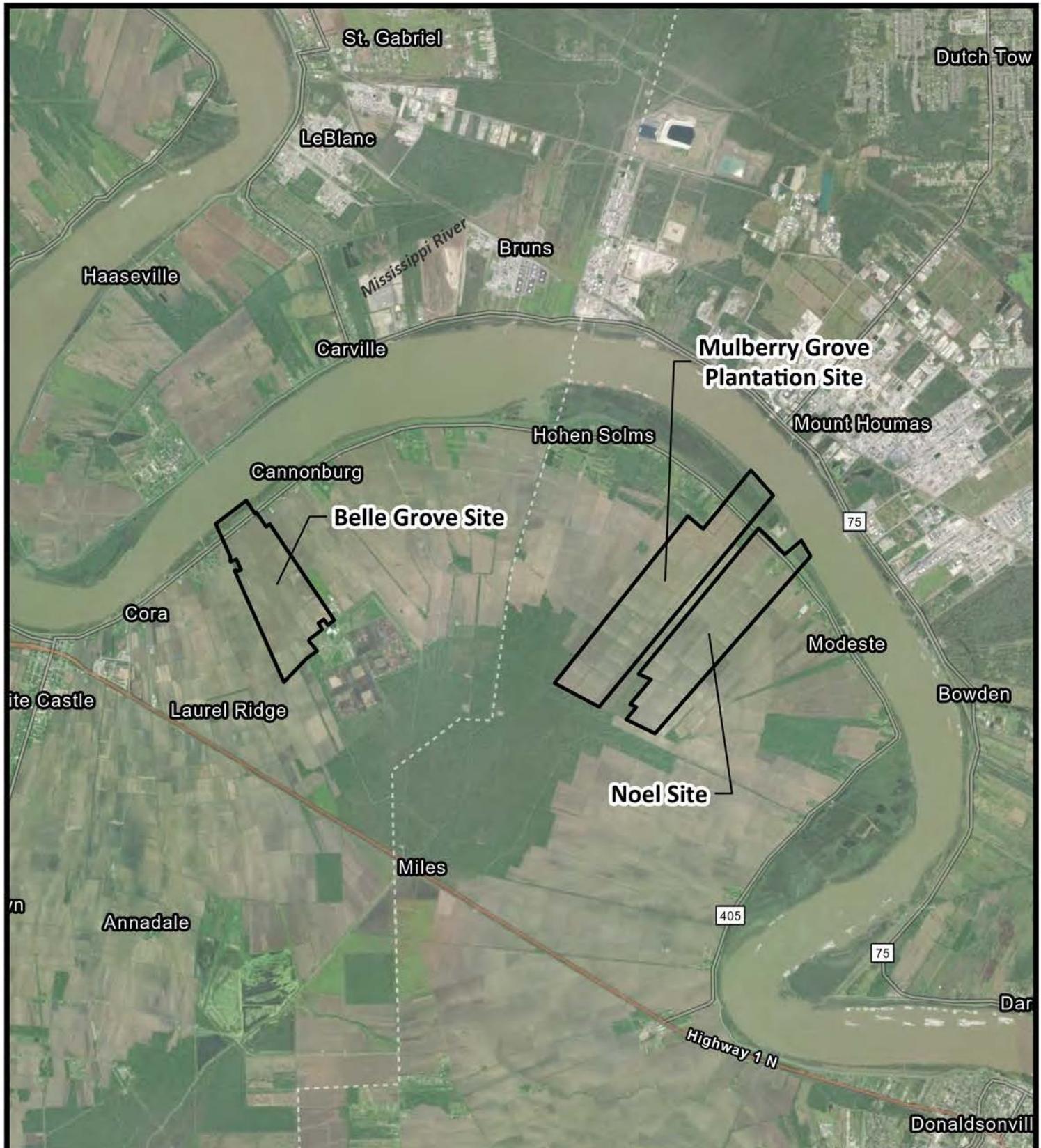
Ascension Parish



Drawn: CAL Checked: OPB  
Date: 7/12/2025 Approved: APK

Dwg. No.: 20046GEO

Figure 6



■ Site Boundary



0 1  
Miles  
World Imagery 3/31/2022, ESRI

**CF Industries Blue Point, LLC**  
Donaldsonville, Louisiana

Low Carbon Ammonia Facility

### Alternative Site Locations

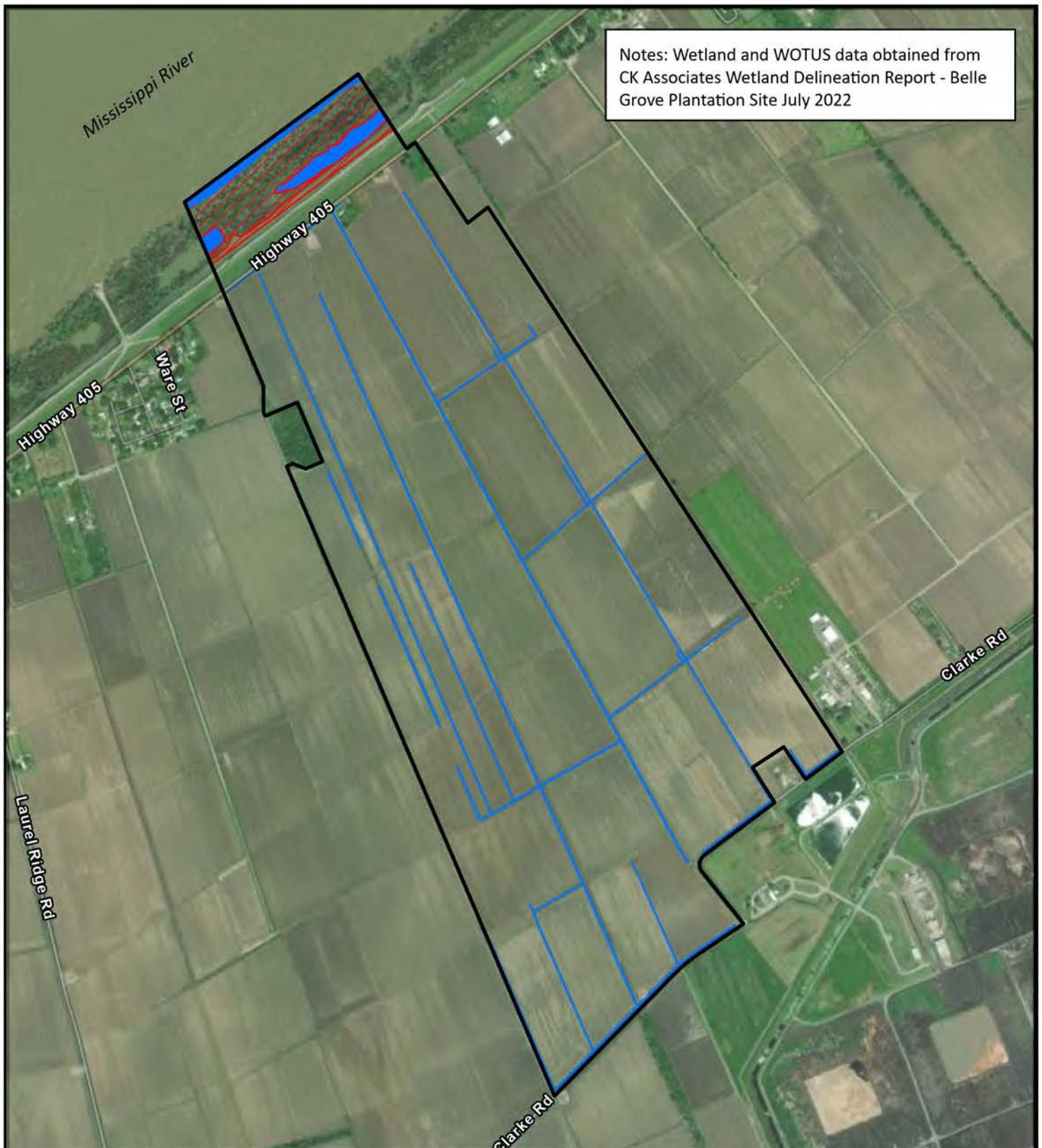
Ascension Parish



Drawn: CAL Checked: APK  
Date: 4/29/2025 Approved: OPB

Dwg. No.: 20046GEO

**Figure 7A**



- Site Boundary
- Non-wetland Waters of the US (12.89 Acres)
- Wetlands (21.60 Acres)



0 1,000  
US Feet

### CF Industries Blue Point, LLC

Donaldsonville, Louisiana

Low Carbon Ammonia Facility

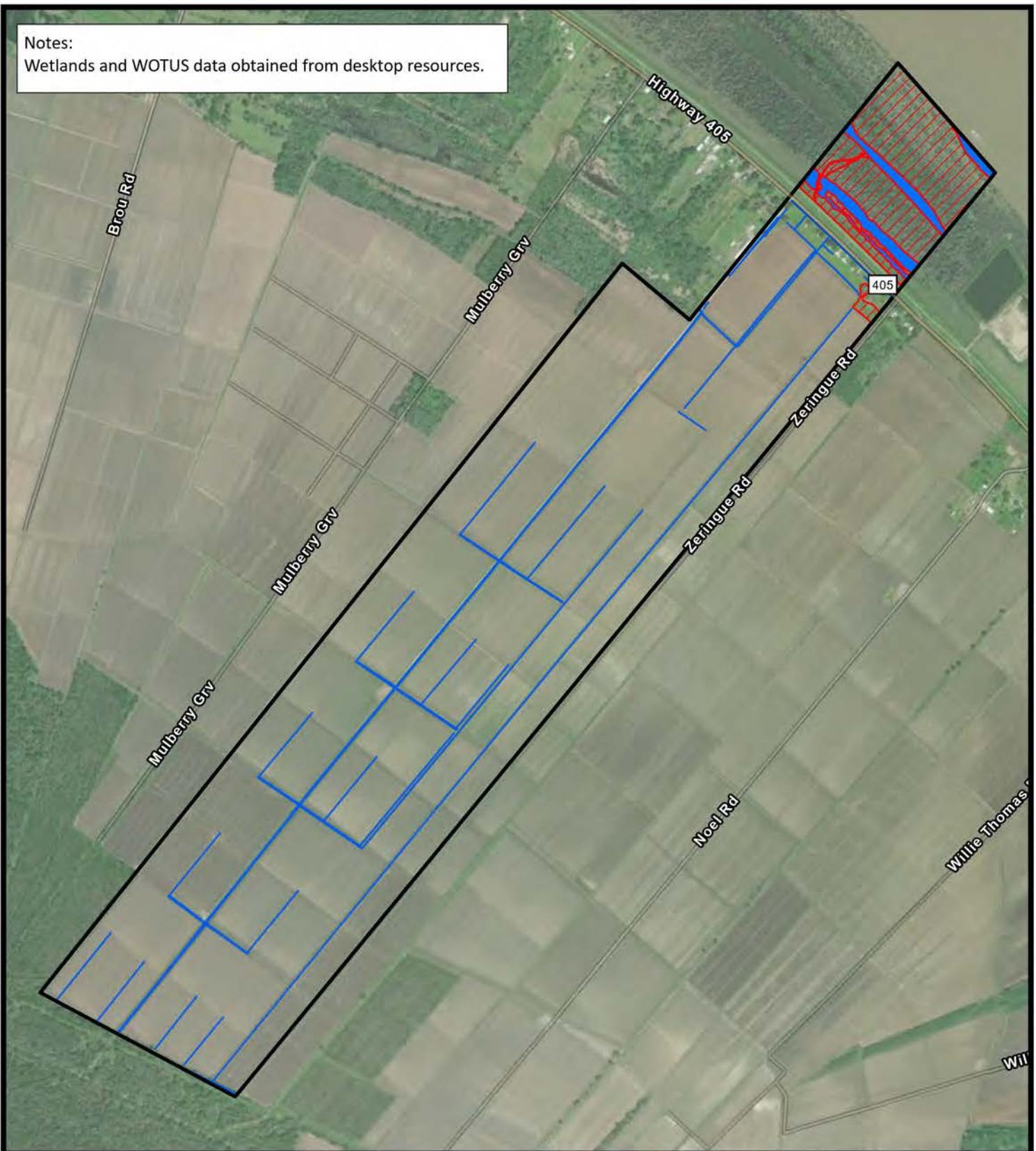
### Alternative Analysis

### Belle Grove Site

Ascension Parish

Notes:

Wetlands and WOTUS data obtained from desktop resources.



Site Boundary

Non-wetland Waters of the US (18.78 Acres)

Wetlands (60.51 Acres)



0 1,600  
Feet

World Imagery 3/31/2022, ESRI



**CK** ASSOCIATES  
Environmental Consultants

**CF Industries Blue Point, LLC**  
Donaldsonville, Louisiana

Low Carbon Ammonia Facility

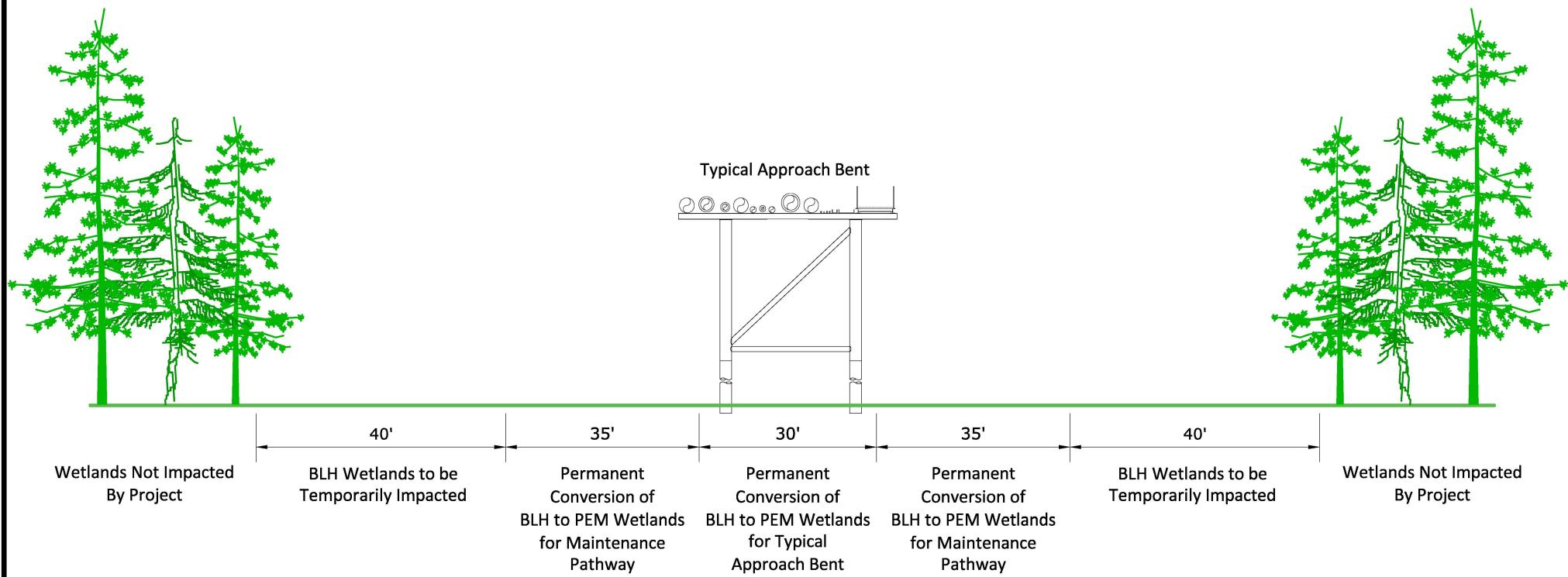
### Alternative Analysis

### Mulberry Grove Plantation Site

Ascension Parish

Drawn:	CAL	Checked:	APK
Date:	4/29/2025	Approved:	OPB
Dwg. No.:	20046GEO		

**Figure 7C**



Note: BLH Wetlands Temporarily Impacted by the project will be allowed to regenerate naturally following completion of construction.

PRELIMINARY-FOR PERMIT PURPOSES ONLY

**CF Industries Blue Point, LLC**  
Donaldsonville, Louisiana

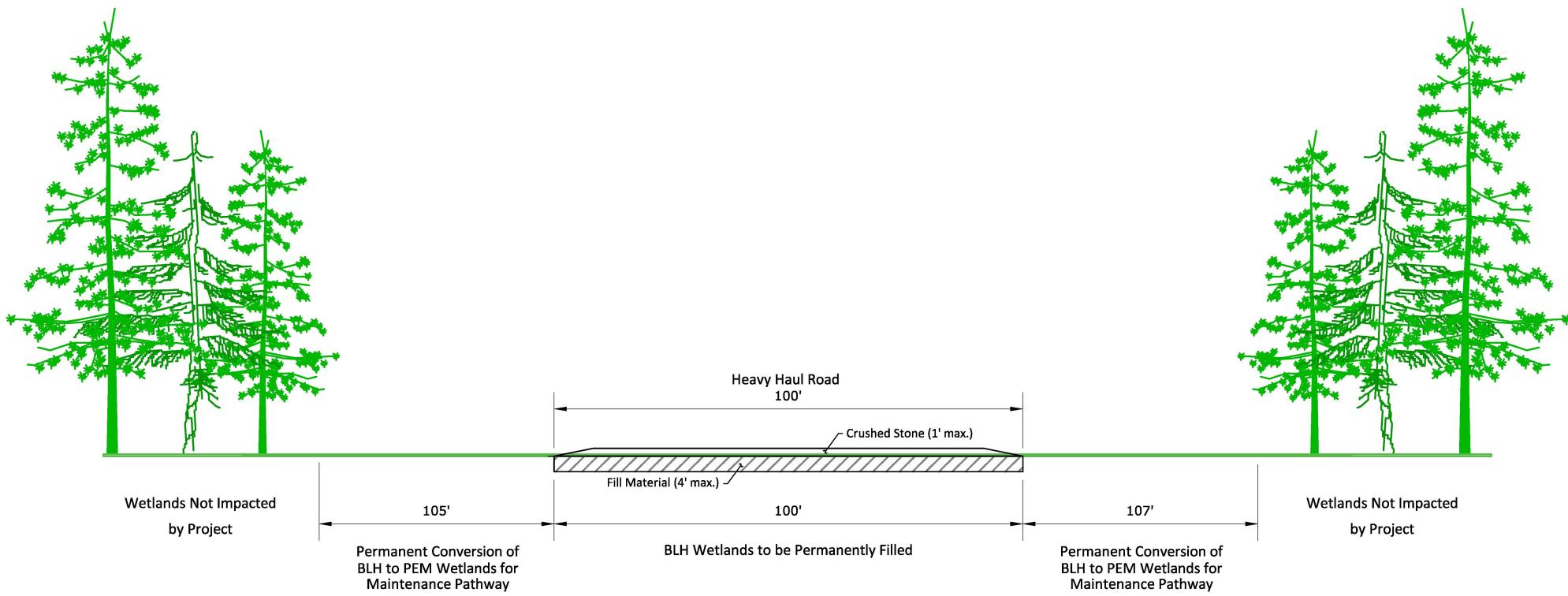
Low Carbon Ammonia Facility

## Cross-Section B-B'

Ascension Parish



Drawn: CAL	Checked: OPB
Date: 4/29/2025	Approved: APK
Dwg. No.: 20046-02	Figure 8



PRELIMINARY-FOR PERMIT PURPOSES ONLY

CF Industries Blue Point, LLC  
Donaldsonville, Louisiana

Low Carbon Ammonia Facility

## Cross-Section C-C'

Ascension Parish



Drawn:	CAL	Checked:	OPB
Date:	7/12/2025	Approved:	APK
Dwg. No.:	20046-03		Figure 9

Notes:

1. Potential wetlands and non-wetland waters of the US impacted by the proposed pipeline were delineated using desktop resources.

2. Location of proposed pipeline and ROW are approximate based on information provided by the applicant.



World Imagery 3/31/2022, Esri

- Existing Pipeline
- Proposed Natural Gas Pipeline (Permitted by Others)
- Proposed Workspaces and Rights-of-Way (50' wide)
- Other Project Areas
- Temporary Impacts to Non-wetland Waters of the US (0.08 Acres)
- Conversion of Forested to Herbaceous Wetlands (1.96 Acres)
- Temporary Impacts to Wetlands (3.65 Acres)

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## CF Industries Blue Point, LLC

Donaldsonville, Louisiana

Low Carbon Ammonia Facility

### Natural Gas Pipeline

(To Be Permitted by Others)

Plan View

Ascension Parish



**CK** ASSOCIATES  
Environmental Consultants

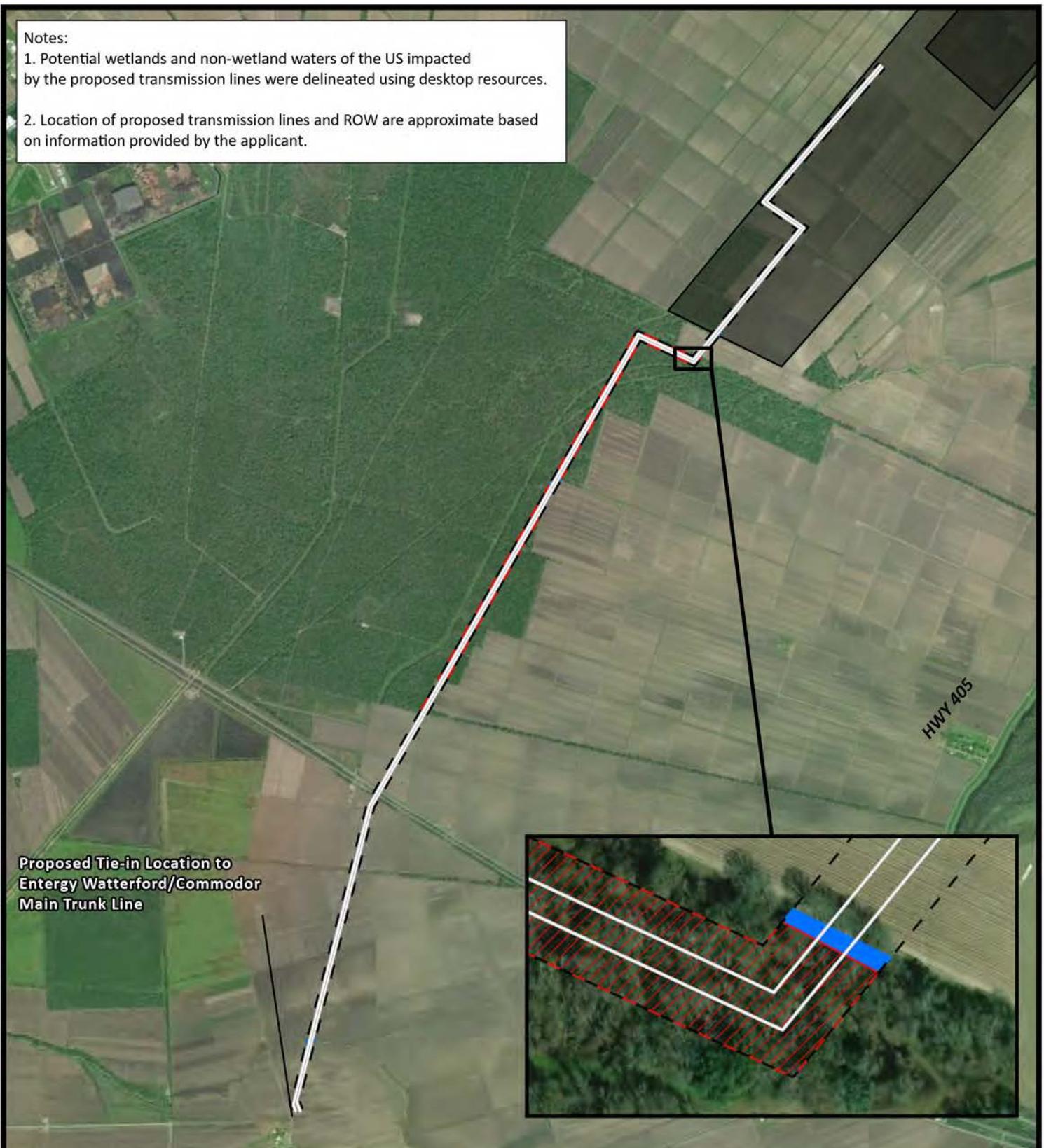
Drawn: CAL Checked: OPB  
Date: 7/8/2025 Approved: APK

Dwg. No.: 20046GEO

**Figure 10**

Notes:

1. Potential wetlands and non-wetland waters of the US impacted by the proposed transmission lines were delineated using desktop resources.
2. Location of proposed transmission lines and ROW are approximate based on information provided by the applicant.



**CF Industries Blue Point, LLC**

Donaldsonville, Louisiana

Low Carbon Ammonia Facility

**Energy Transmission Lines**

**(To Be Permitted by Others)**

**Plan View**

Ascension Parish



**CK** ASSOCIATES  
Environmental Consultants

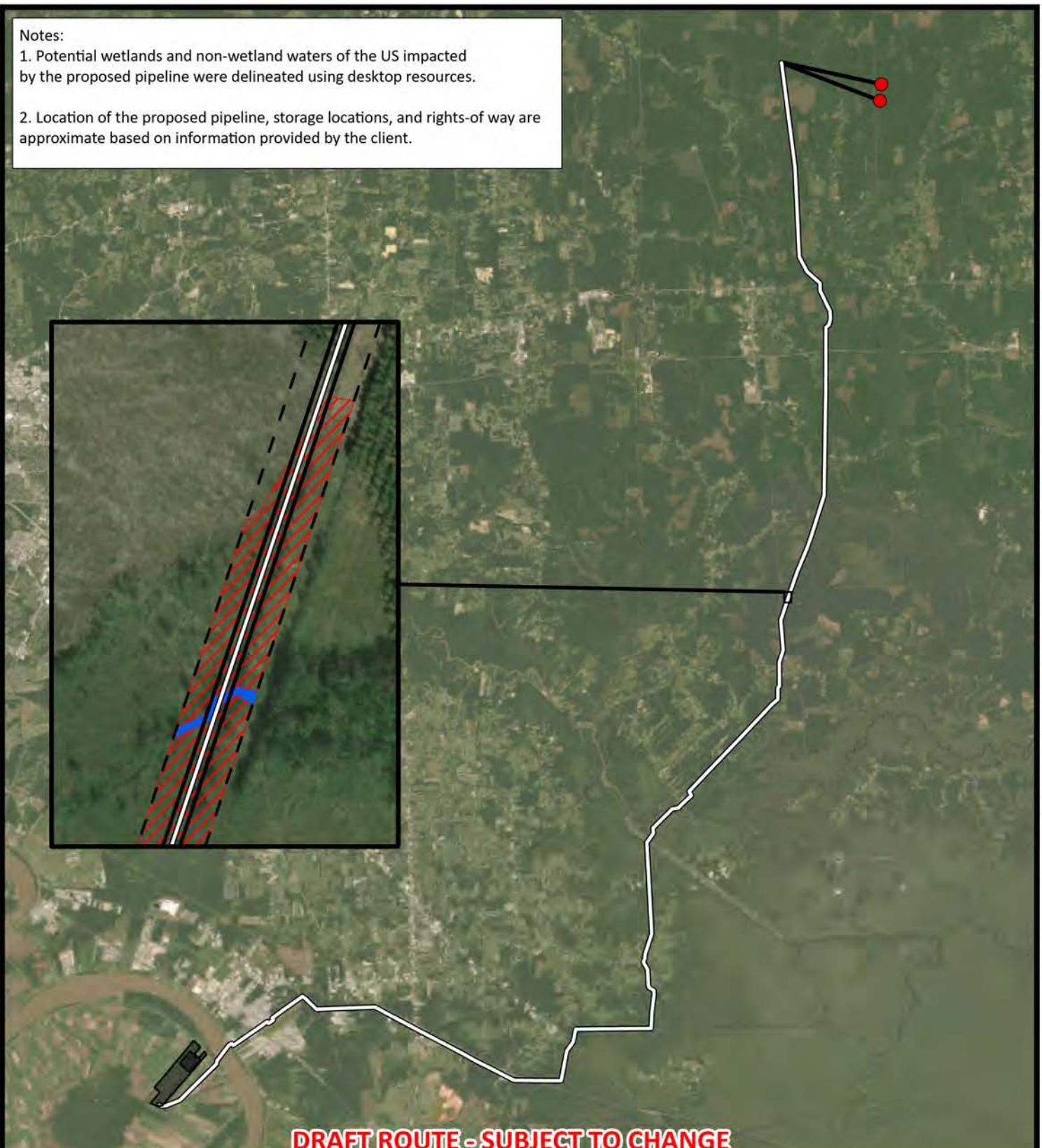
Drawn:	CAL	Checked:	OPB
Date:	7/8/2025	Approved:	APK

Dwg. No.: 20046GEO

**Figure 11**

Notes:

1. Potential wetlands and non-wetland waters of the US impacted by the proposed pipeline were delineated using desktop resources.
2. Location of the proposed pipeline, storage locations, and rights-of way are approximate based on information provided by the client.



- Proposed CO2 Storage Location (To be Permitted by Others)
- Proposed CO2 Pipeline (To be Permitted by Others)
- Proposed Rights-of-Way (50' wide)
- Proposed Workspaces (200' wide)
- Proposed Low Carbon Ammonia Plant
- Temporary Impacts to Potential Non-Wetland Waters (36 acres)
- Temporary Impacts to Potential Wetlands (608 acres)



CF Industries Blue Point, LLC Donaldsonville, Louisiana			
Low Carbon Ammonia Facility			
CO2 Storage Locations and Pipeline (To Be Permitted by Others)			
Plan View			
Ascension Parish			
 Associates Environmental Consultants	Drawn: CAL Date: 4/29/2025 Dwg. No.: PJ001170	Checked: OPB Approved: APK	

Project Component	Section 10/404 Wetlands			Section 10/404 Non-wetland WOTUS	
	Permanent Impacts (acres)	Temporary Impacts (acres)	Conversion Impacts (acres)	Permanent Impacts (acres)	Temporary Impacts (acres)
Marine Terminal and Pipe Rack	0	1.88	1.75	0	44.97
Heavy Haul Road	1.04	0	0.88	0.05	3.03
Project Component	Section 404 Wetlands			Section 404 Non-wetland WOTUS	
	Permanent Impacts (acres)	Temporary Impacts (acres)	Conversion Impacts (acres)	Permanent Impacts (acres)	Temporary Impacts (acres)
Ammonia Manufacturing Facility	0	0	0	1.69	1.86
Natural Gas Pipeline (permitted by others) *	0	3.65	1.96	0	0.08
Transmission Lines (permitted by others) *	0	0	37.84	0	1.36
CO2 Well and Pipeline (permitted by others) *	0	608	--	0	36

\*Impacts are approximate and estimated assuming standard construction practices and desktop resources.

**CF Industries Blue Point, LLC**  
Donaldsonville, Louisiana

Low Carbon Ammonia Facility

### WOTUS Impacts Summary

Ascension Parish

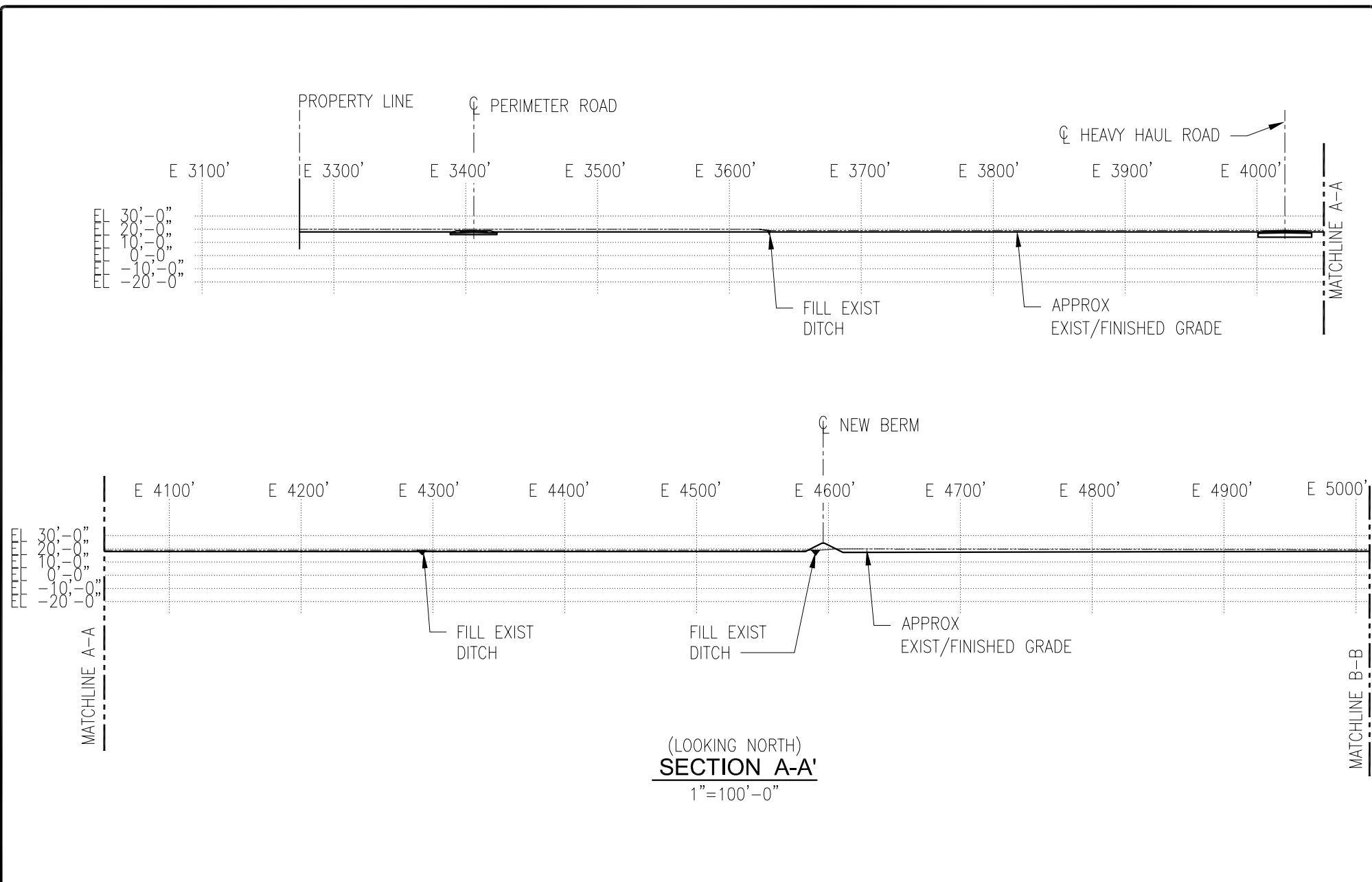


**CK** ASSOCIATES  
Environmental Consultants

Drawn: CEO Checked: OPB  
Date: 8/5/2025 Approved: APK

Dwg. No.: 20046GEO

**Figure 13**



DRAWN CL
CHECKED BB
ISSUE DATE 06/23
PROJECT NO. C18.D275500.BR00

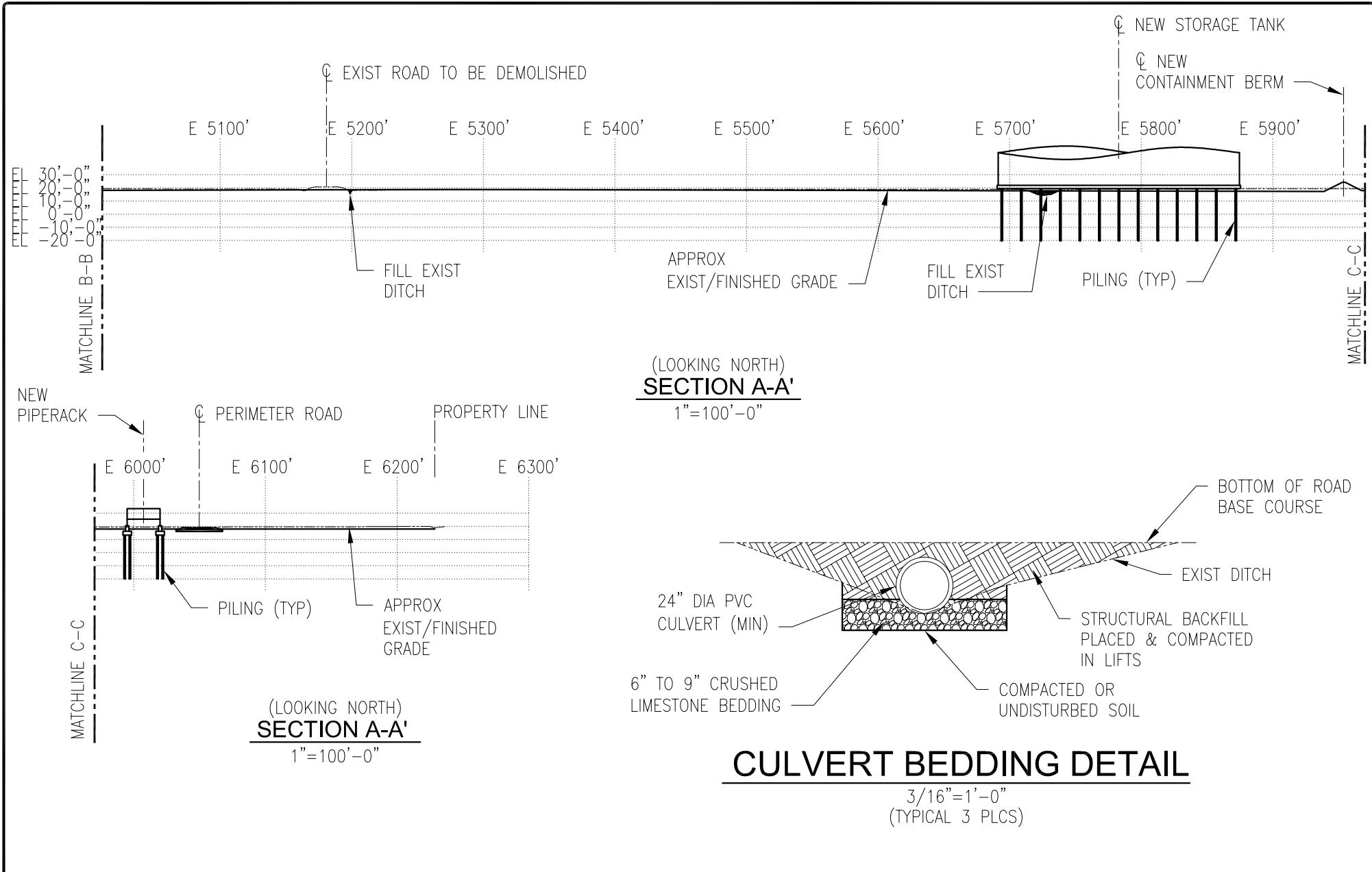
CF INDUSTRIES BLUE POINT, LLC  
SITE INFRASTRUCTURE FACILITIES  
MODESTE, LOUISIANA  
ASCENSION PARISH  
FOR CF INDUSTRIES-MODESTE

REVISION	BY	DRAWING NUMBER:
REVISION 0	CL/BB	USACE-SK-001
REVISION		

**PRELIMINARY  
FOR PERMIT PURPOSES ONLY**

BRIAN BARENT  
LA PE # 23245  
CDI ENGINEERING SOLUTIONS, LLC

**CDI** Engineering Solutions  
CDI ENGINEERING SOLUTIONS, LLC  
4041 ESSEN LANE, SUITE 300  
BATON ROUGE, LA 70809  
(225) 663-4600  
LOUISIANA LICENSE NO. EF 0006994



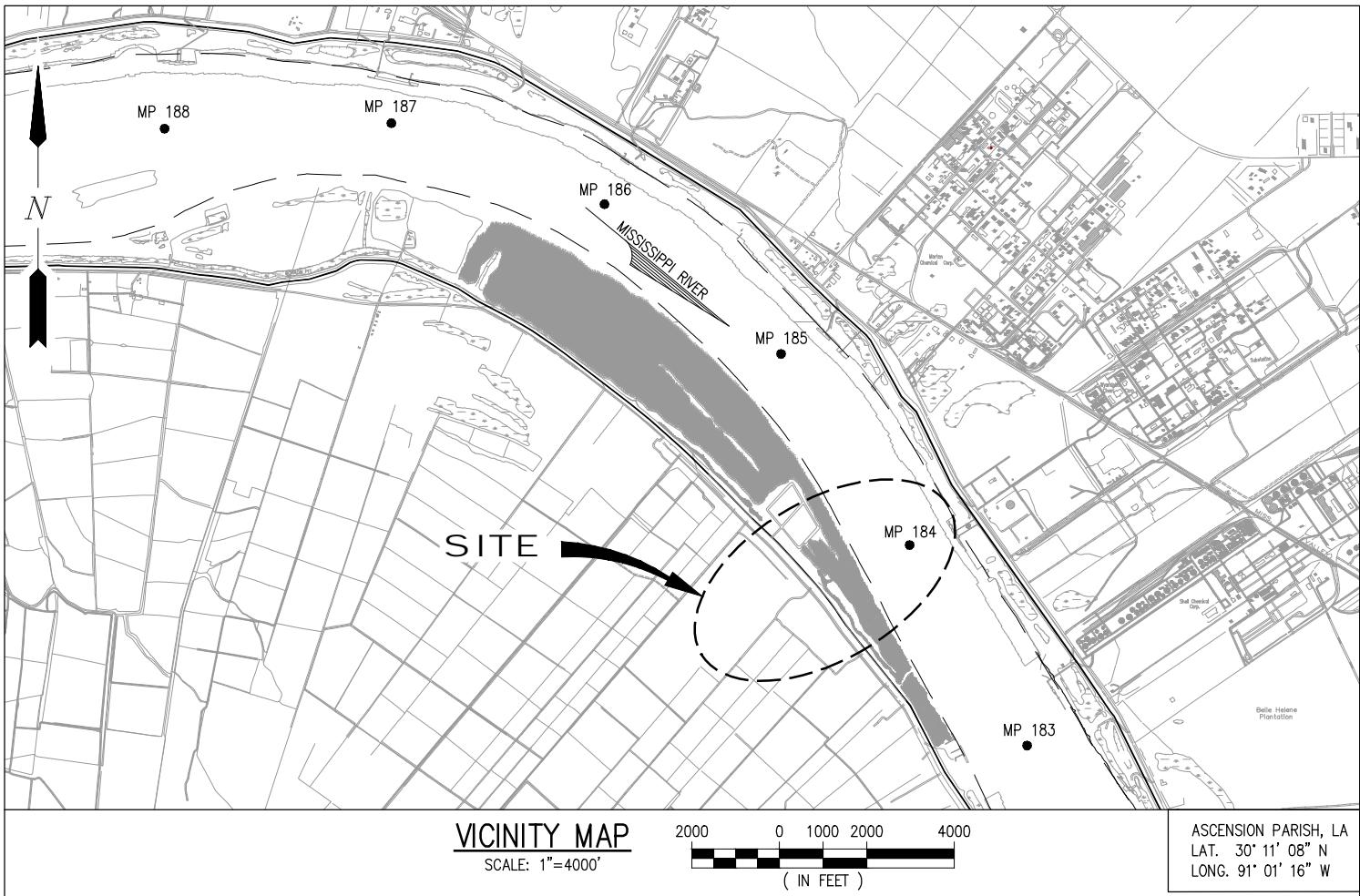
DRAWN CL
CHECKED BB
ISSUE DATE 06/23
PROJECT NO. C18.D275500.BR00

CF INDUSTRIES BLUE POINT, LLC  
SITE INFRASTRUCTURE FACILITIES  
MODESTE, LOUISIANA  
ASCENSION PARISH  
FOR CF INDUSTRIES-MODESTE

REVISION	BY	DRAWING NUMBER:
REVISION 0	CL/BB	USACE-SK-002
REVISION		

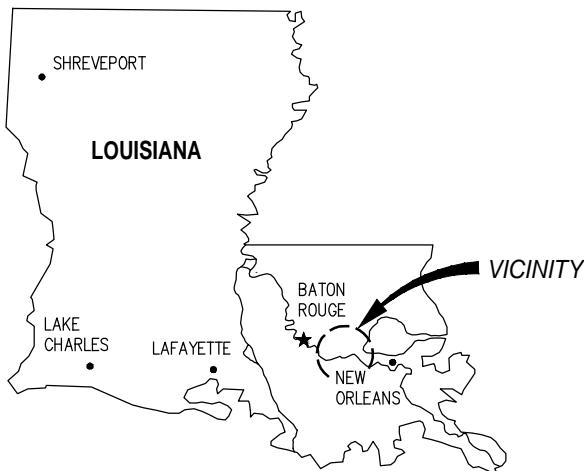
**PRELIMINARY**  
**FOR PERMIT PURPOSES ONLY**  
BRIAN BARENT  
LA PE # 23245  
CDI ENGINEERING SOLUTIONS, LLC

**CDI** Engineering Solutions  
CDI ENGINEERING SOLUTIONS, LLC  
4041 ESEN LANE, SUITE 300  
BATON ROUGE, LA 70809  
(225) 663-4600  
LOUISIANA LICENSE NO. EF 0006994



#### 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, WELLS, 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 DATUM REFERENCED TO LOUISIANA STATE PLANE NAD83.
6. ALL ELEVATIONS ARE EXPRESSED IN FEET AND TENTHS AND ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88). UNLESS NOTED OTHERWISE.
7. NO IMPACTS TO RARE, THREATENED OR ENDANGERED SPECIES OR CRITICAL HABITATS ARE ANTICIPATED FROM THE PROPOSED PROJECT. NO STATE OR FEDERAL PARKS, WILDLIFE REFUGES, WILDLIFE MANAGEMENT AREAS OR SCENIC RIVERS ARE KNOWN AT THE SPECIFIED SITE OR WITHIN ¼ MILE OF THE PROPOSED PROJECT. THE WILDLIFE DIVERSITY PROGRAM (WDP) REPORTS SUMMARIZE THE EXISTING INFORMATION KNOWN AT THE TIME OF THE REQUEST REGARDING THE LOCATION IN QUESTION. WDP REPORTS SHOULD NOT BE CONSIDERED FINAL STATEMENTS ON THE BIOLOGICAL ELEMENTS OR AREAS BEING CONSIDERED, NOR SHOULD THEY BE SUBSTITUTED FOR ON-SITE SURVEYS REQUIRED FOR ENVIRONMENTAL ASSESSMENTS. IF AT ANY TIME WDP TRACKED SPECIES ARE ENCOUNTERED WITHIN THE PROJECT AREA, PLEASE CONTACT OUR BIOLOGIST AT 225-763-3554.



#### AREA MAP

CHRIS L. O'BRIEN  
LA PE #33945

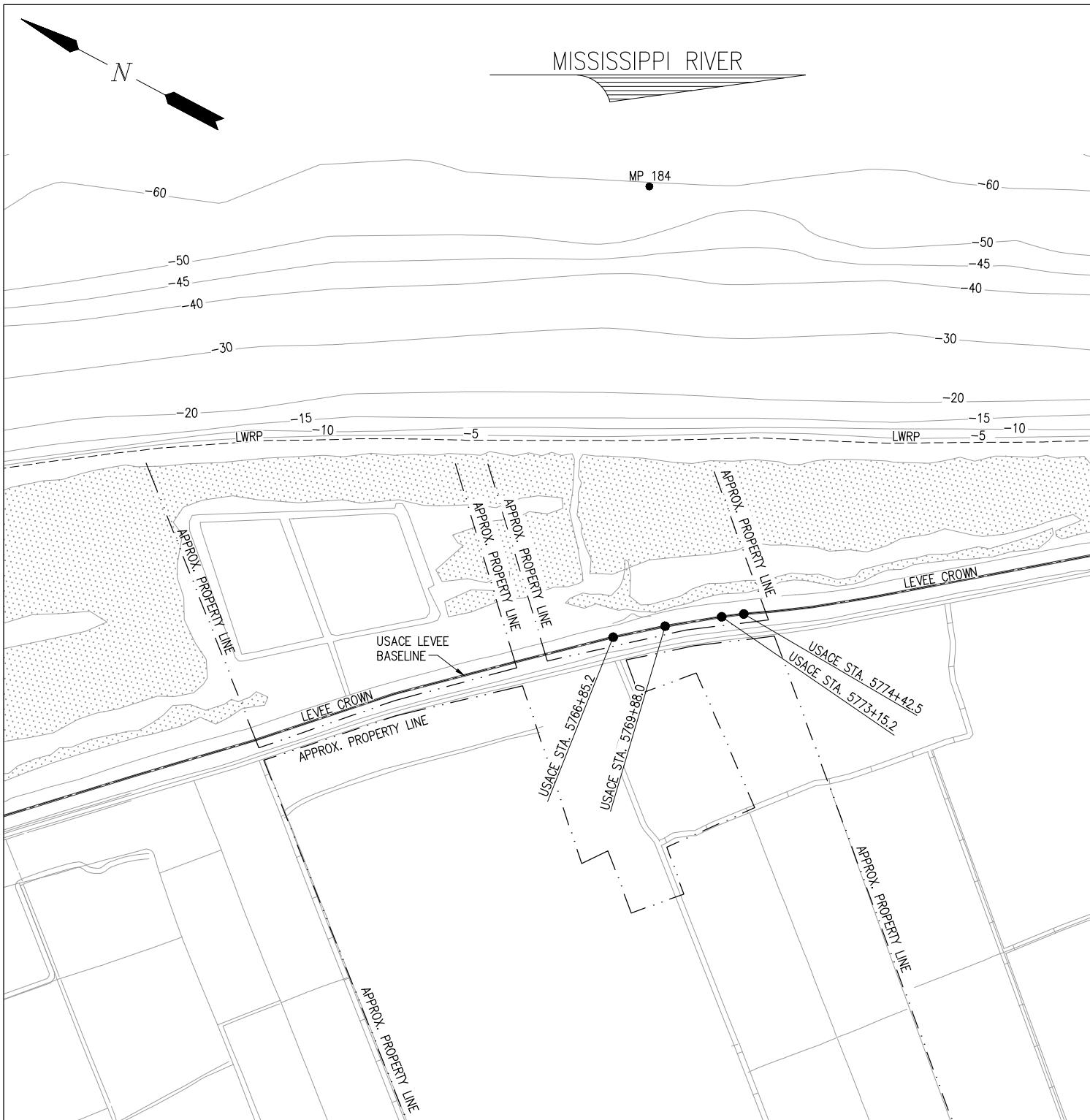
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CF INDUSTRIES BLUE POINT, LLC  
ASCENSION PARISH LOUISIANA  
**BLUE AMMONIA PLANT PROJECT**  
NEW MARINE TERMINAL  
VICINITY MAP, AREA MAP & NOTES

DATE	DEC. 22'
DESIGN	ETW
DRAWN	TPM
CHECK	CLO
JOB NO.	12117
SHEET No.	
1 OF 24	



## NOTES:

1. SURVEY DATA PROVIDED BY USACE 2020 REVETMENT SURVEY AND 2016 USACE LIDAR SURVEY INFORMATION .

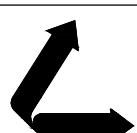
## OVERALL EXISTING SITE PLAN

SCALE: 1" = 800'  
 400 0 200 400 800  
 ( IN FEET )

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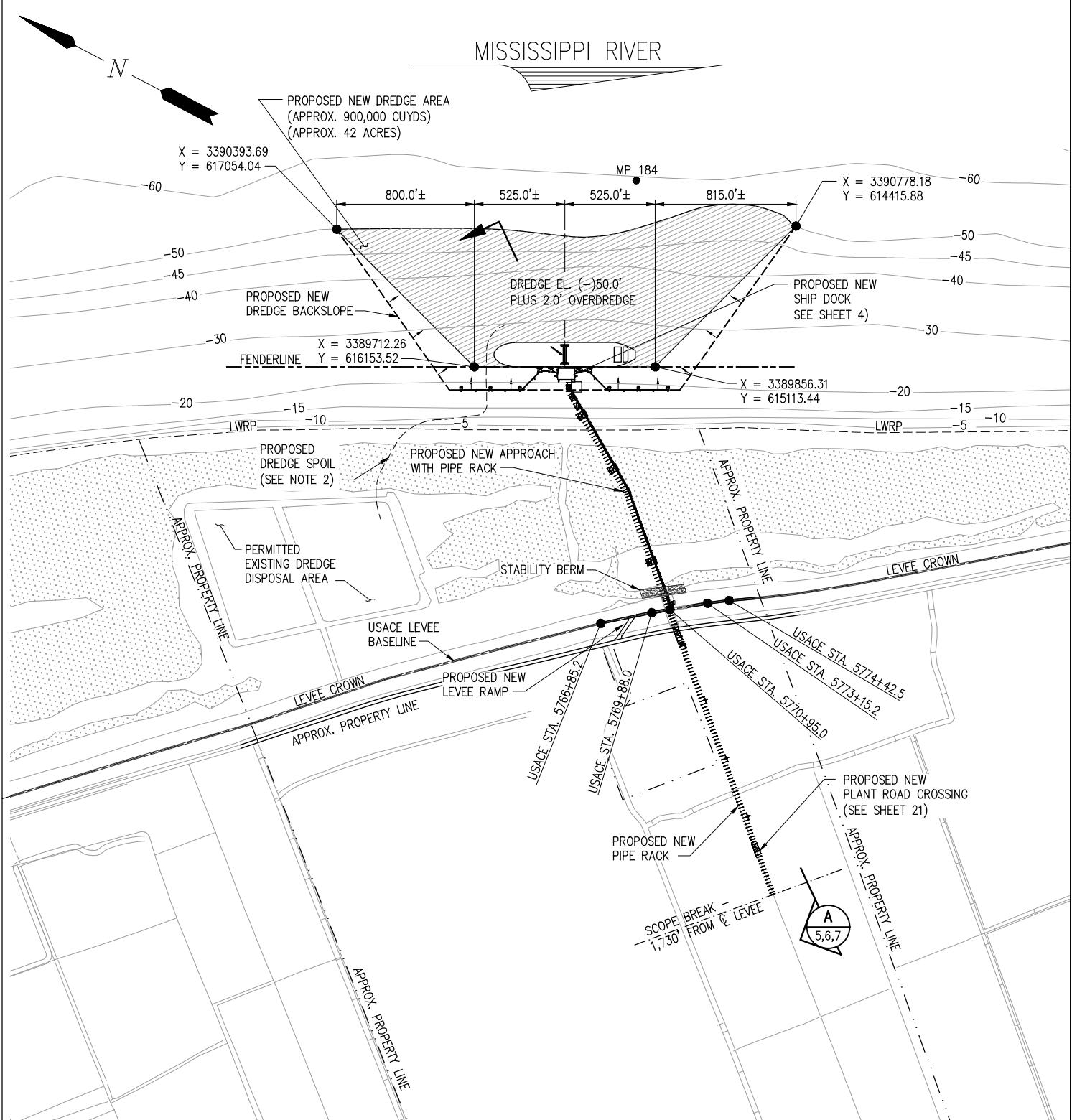
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**BLUE AMMONIA PLANT PROJECT**  
 NEW MARINE TERMINAL  
 OVERALL EXISTING SITE PLAN

DATE DEC. 22'  
 DESIGN ETW  
 DRAWN TPM  
 CHECK CLO  
 JOB NO. 12117  
 SHEET No.  
 2 OF 24



### OVERALL NEW SITE PLAN

SCALE: 1" = 800'  
 400 0 200 400 800  
 ( IN FEET )

#### NOTES:

1. SURVEY DATA PROVIDED BY USACE 2020 REVETMENT SURVEY AND 2016 USACE LIDAR SURVEY INFORMATION.
2. DREDGE MATERIAL TO BE DISPOSED IN THE EXISTING PERMITTED DREDGE DISPOSAL AREA.
3. INITIAL DREDGE TO BE PERFORMED WITH A 30" DREDGE (+/- 20 DAYS).

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LA PE #33945

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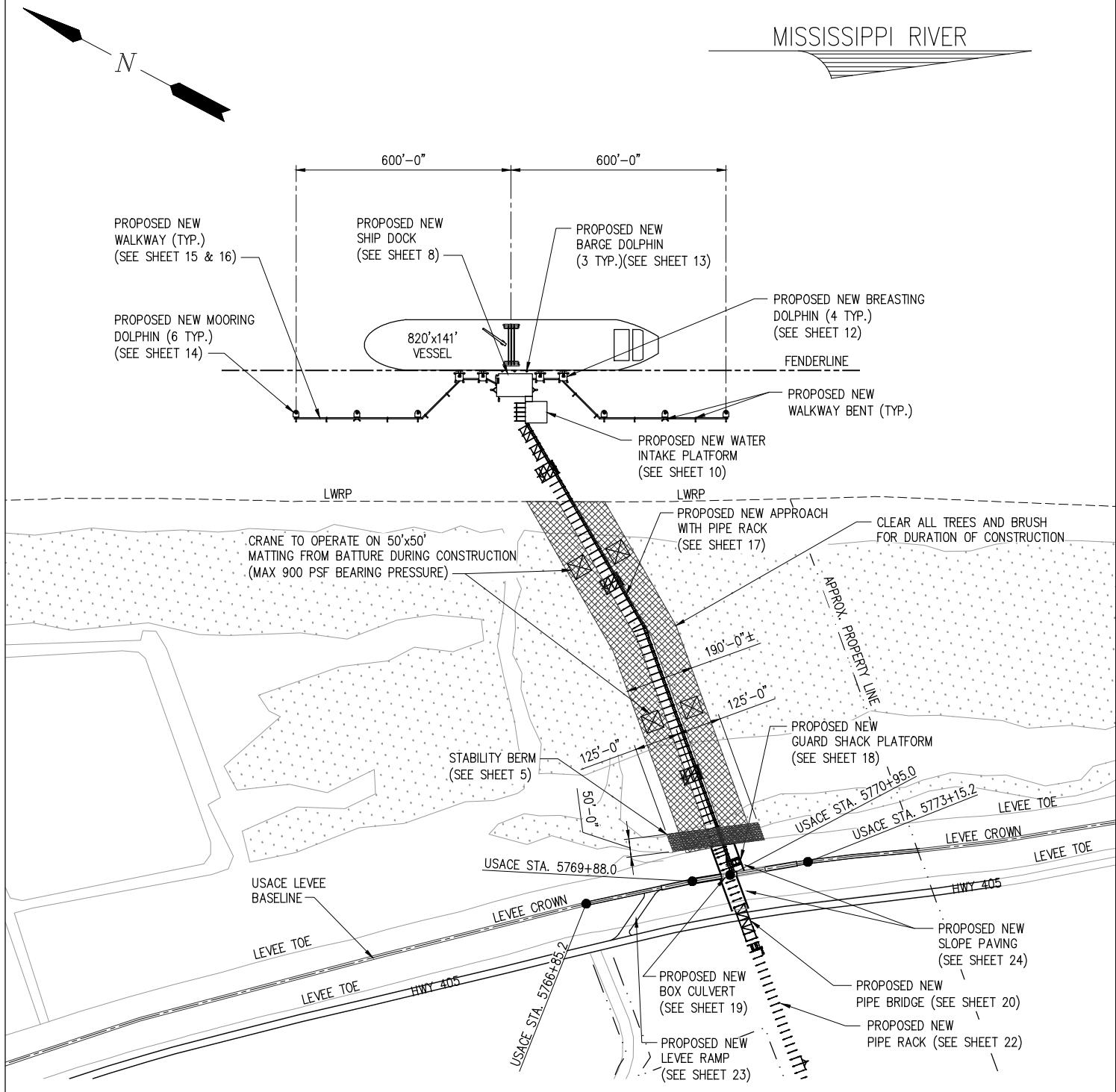
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**BLUE AMMONIA PLANT PROJECT**  
**NEW MARINE TERMINAL**  
**OVERALL SITE PLAN**

DATE DEC. 22'  
DESIGN ETW  
DRAWN TPM  
CHECK CLO  
JOB NO. 12117  
SHEET No.  
3 OF 24

## MISSISSIPPI RIVER



## ENLARGED NEW SITE PLAN

SCALE: 1" = 400'

200 0 100 200 400

( IN FEET )

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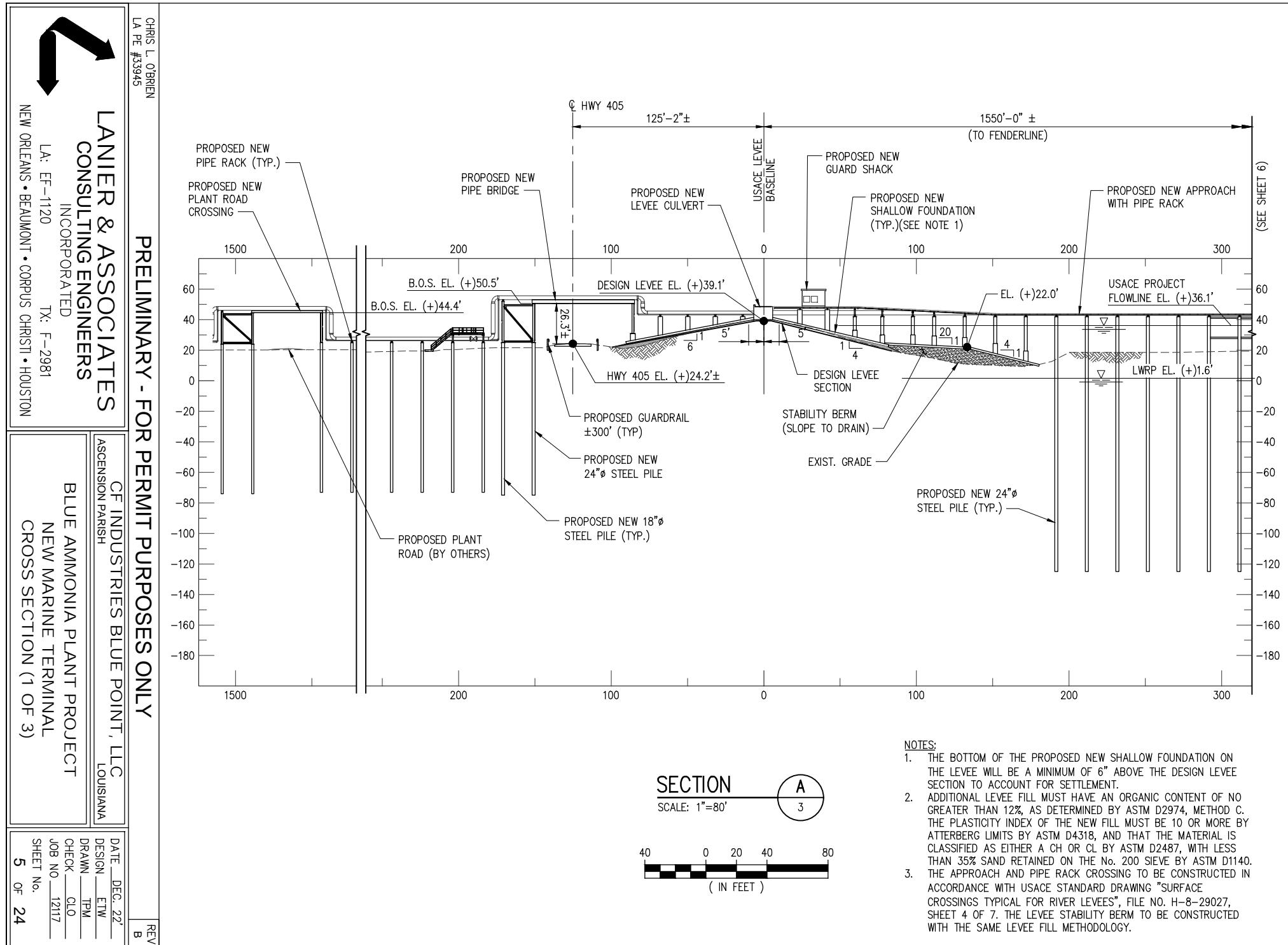
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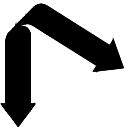
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BLUE AMMONIA PLANT PROJECT  
NEW MARINE TERMINAL  
ENLARGED NEW SITE PLAN

DATE DEC. 22'  
DESIGN ETW  
DRAWN TPM  
CHECK CLO  
JOB NO. 12117  
SHEET No.  
4 OF 24

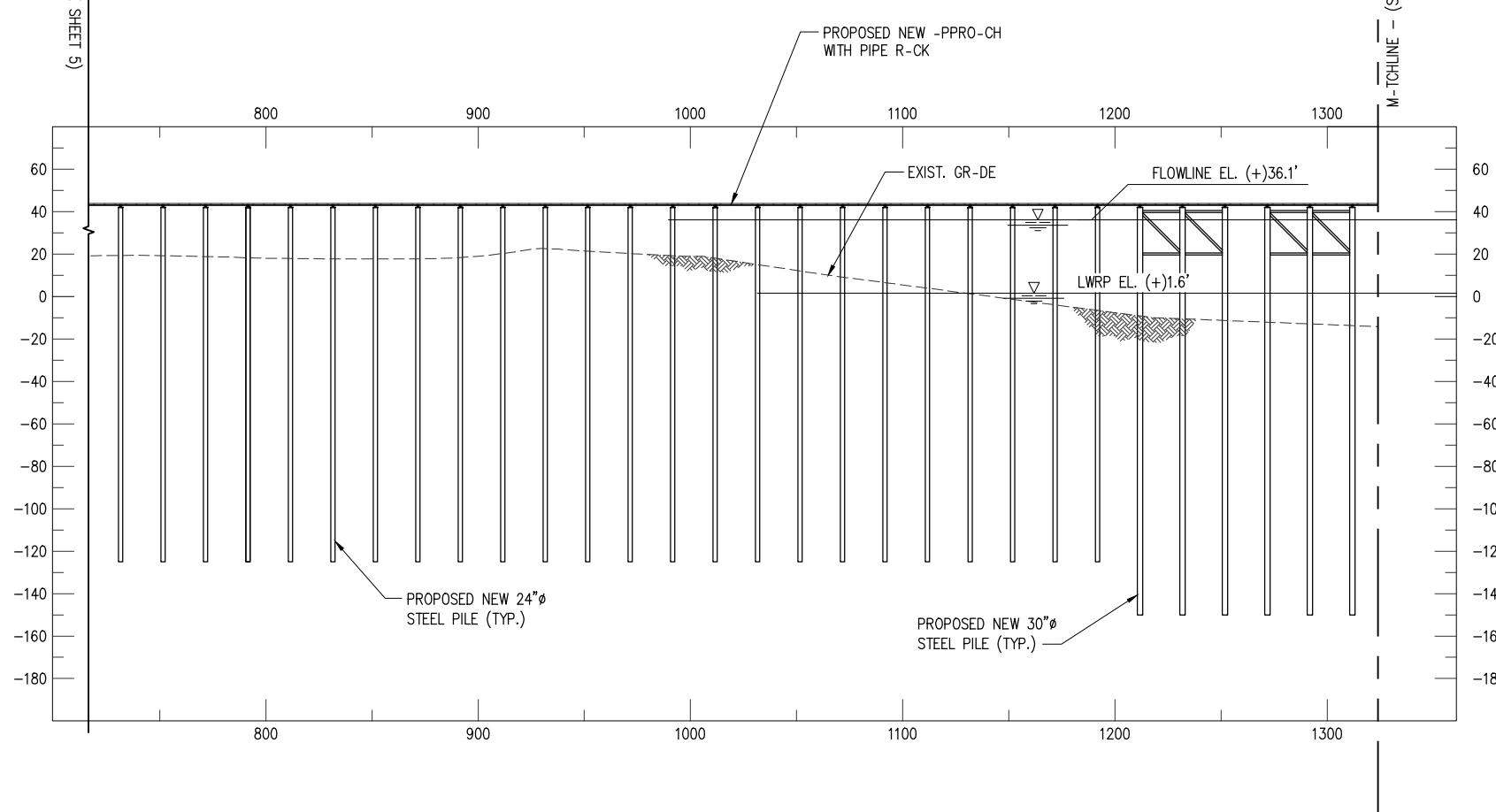




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L- PE #533945

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(SEE SHEET 5)



**SECTION**  
SC-LE: 1"=80'

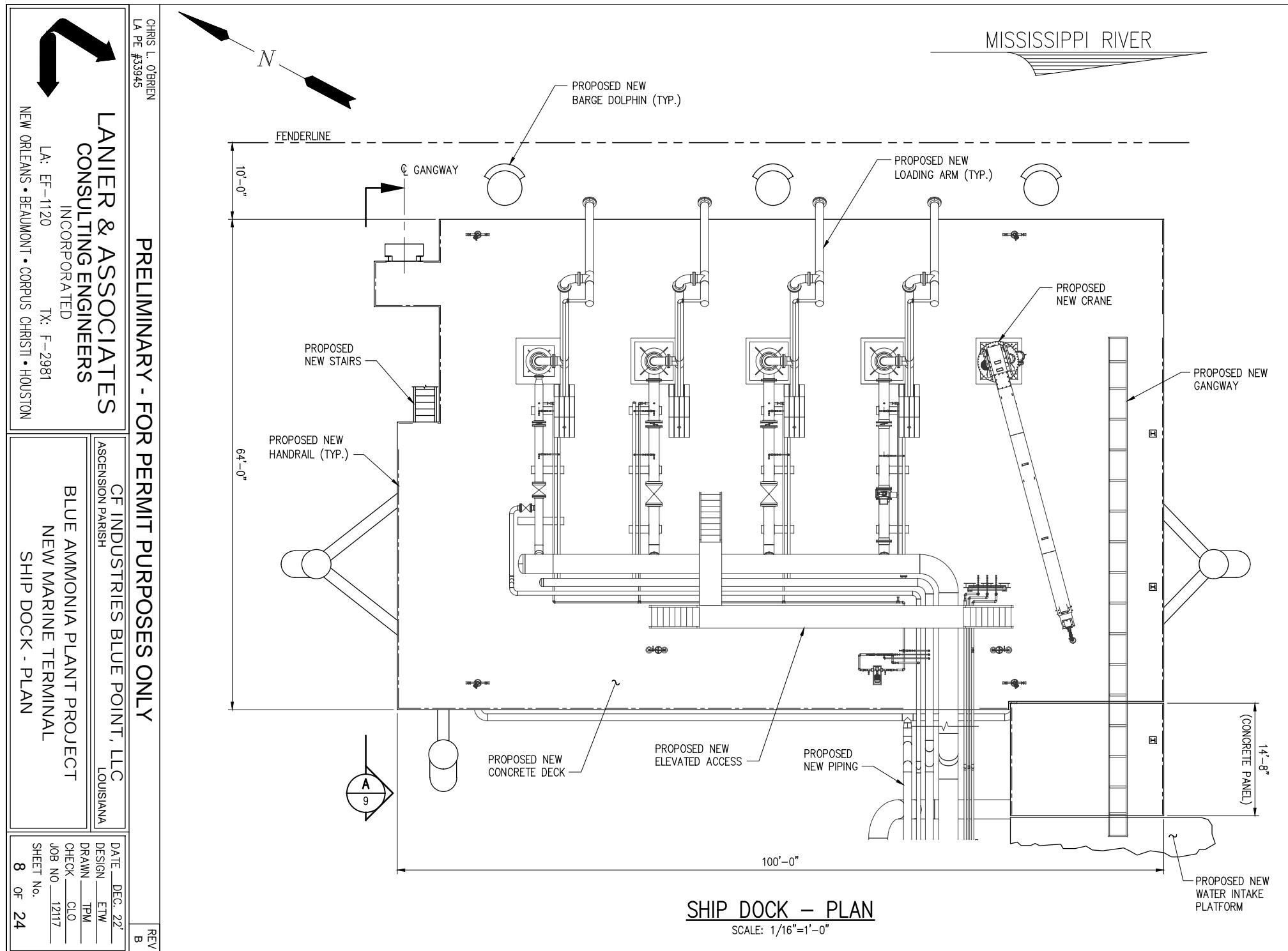
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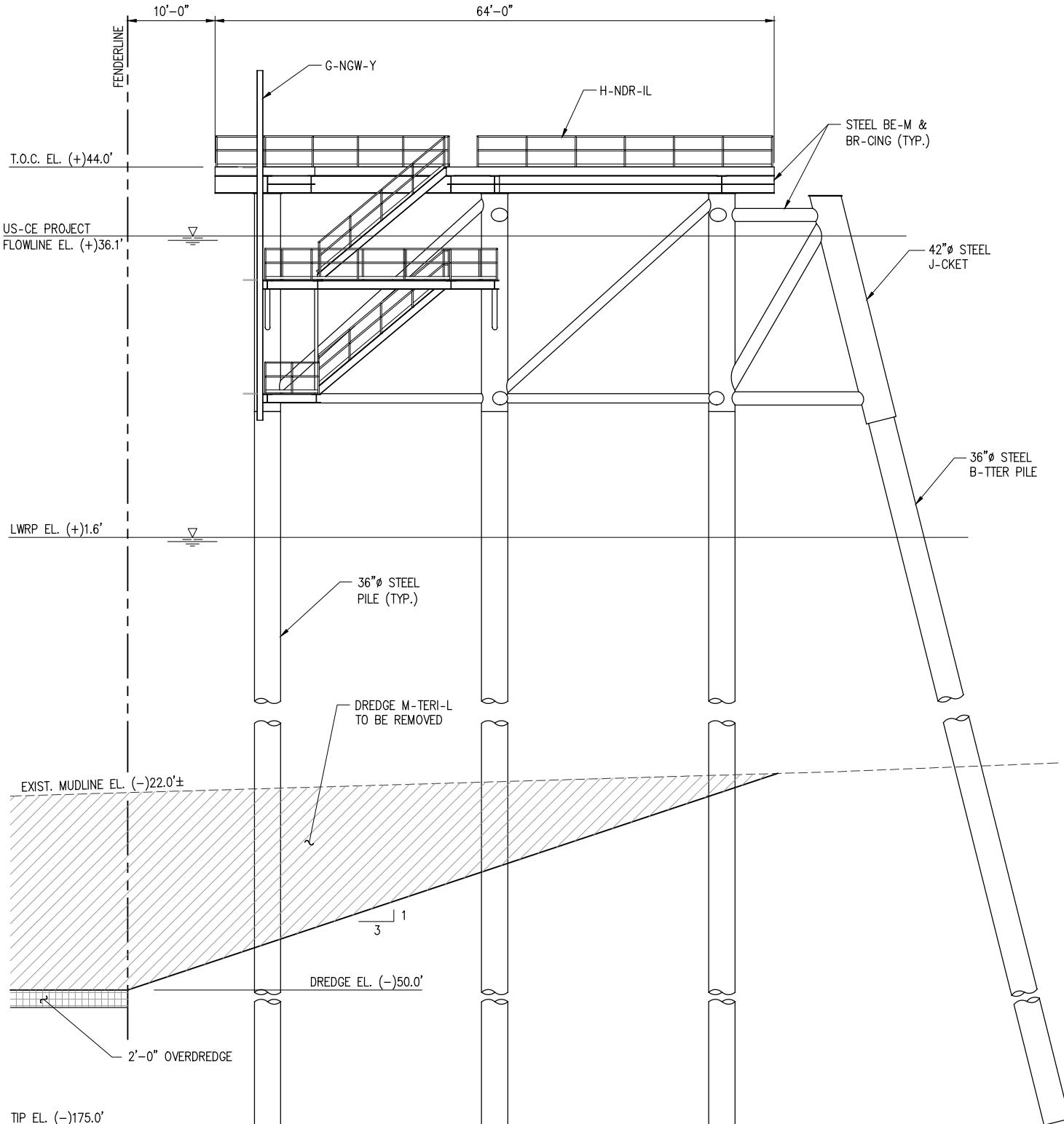
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ASCENSION PARISH  
LOUISIANA**  
**BLUE AMMONIA PLANT PROJECT  
NEW MARINE TERMINAL  
CROSS SECTION (2 OF 3)**

REV B  
DATE DEC. 22  
DESIGN ETW  
DRAWN TPM  
CHECK CLO  
JOB NO 12117  
SHEET No. 6 OF 24







CHRIS L. O'BRIEN  
L- PE #33945

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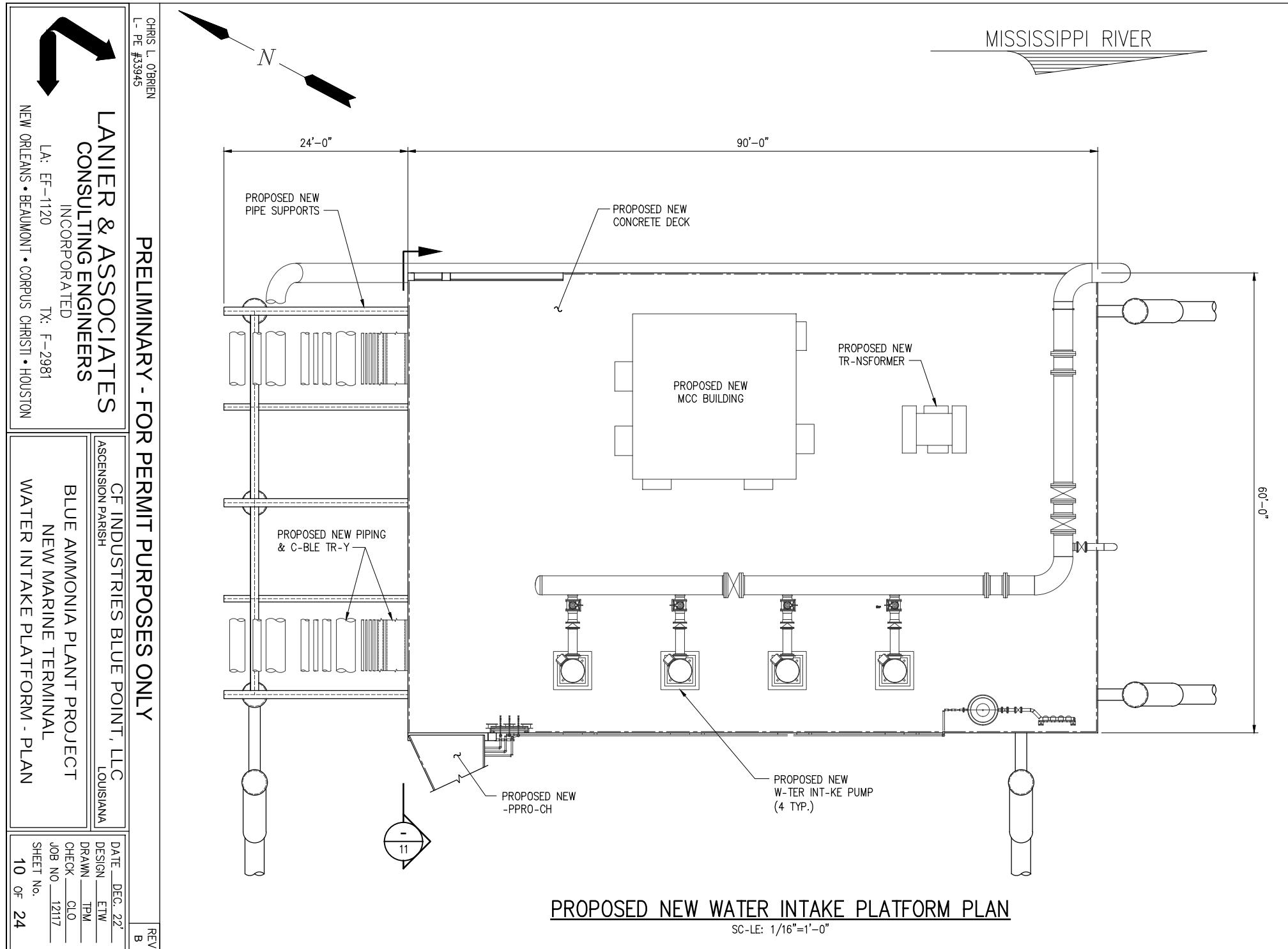


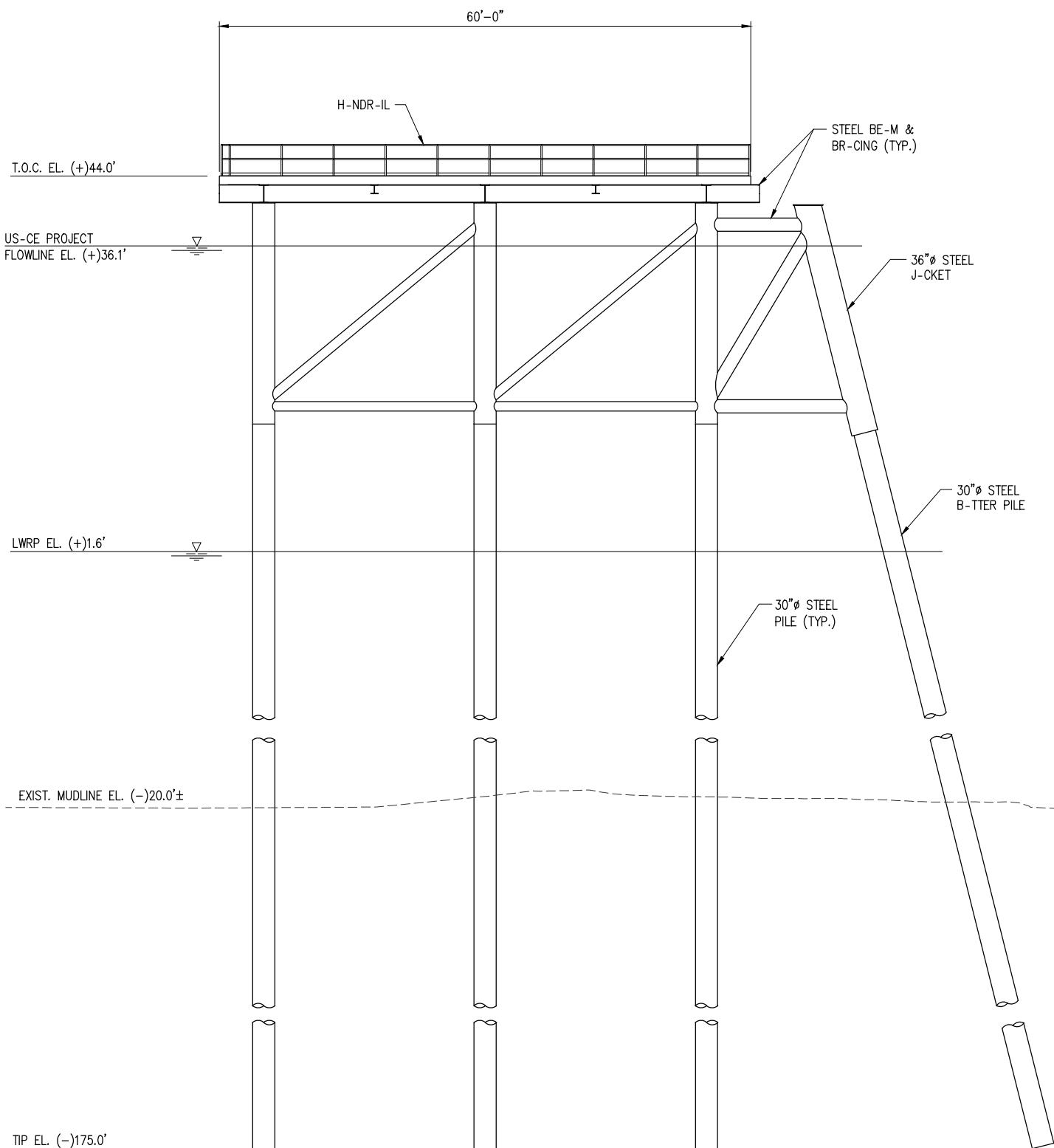
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ASCENSION PARISH LOUISIANA

BLUE AMMONIA PLANT PROJECT  
NEW MARINE TERMINAL  
SHIP DOCK - SECTION

DATE DEC. 22'  
DESIGN ETW  
DRAWN TPM  
CHECK CLO  
JOB NO. 12117  
SHEET No.  
9 OF 24





SECTION  
SC-LE: 1/16" = 1'-0"  
10

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L- PE #33945

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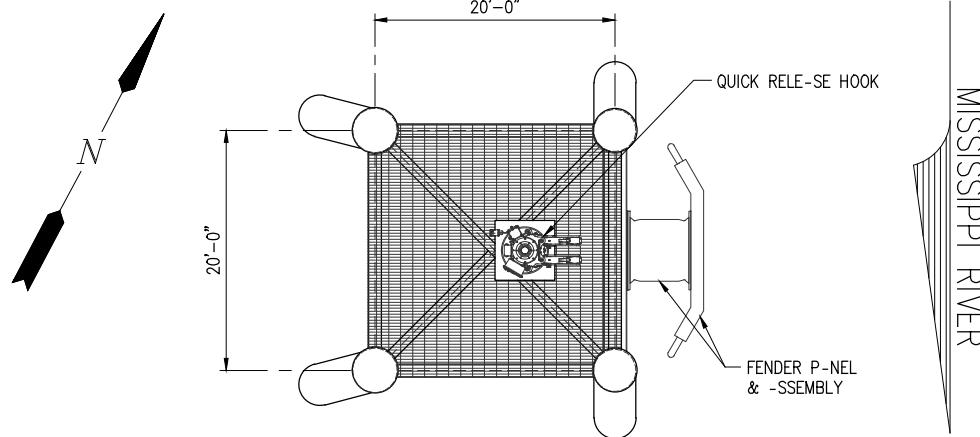
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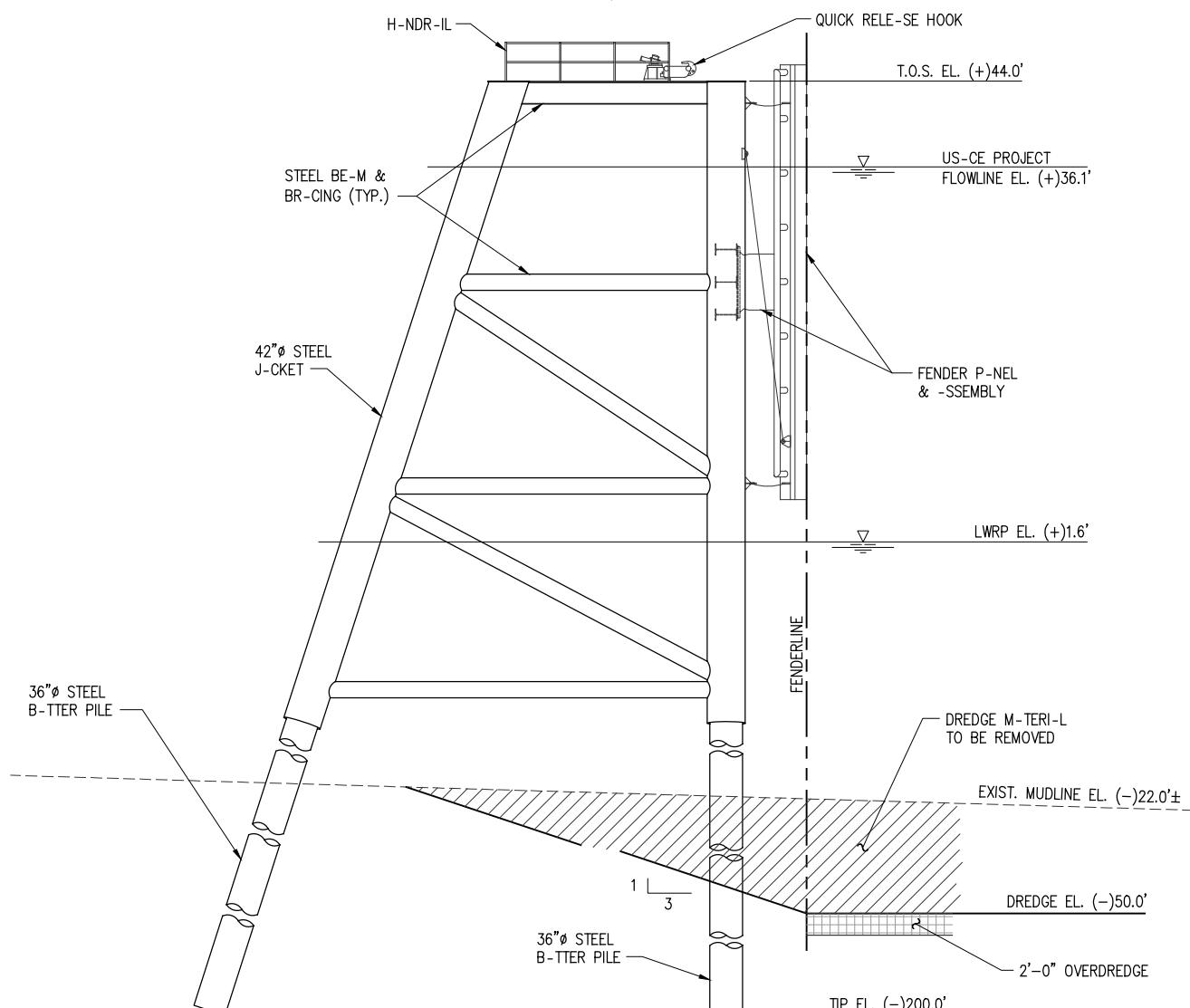
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ASCENSION PARISH LOUISIANA  
BLUE AMMONIA PLANT PROJECT  
NEW MARINE TERMINAL  
WATER INTAKE PLATFORM - SECTION

DATE DEC. 22'  
DESIGN ETW  
DRAWN TPM  
CHECK CLO  
JOB NO. 12117  
SHEET No.  
11 OF 24



SHIP BREASTING DOLPHIN - PLAN

SC-LE: 1/16"=1'-0"



SHIP BREASTING DOLPHIN - ELEVATION

SC-LE: 1/16"=1'-0"  
(4 REQUIRED)CHRIS L. O'BRIEN  
L- PE #33945

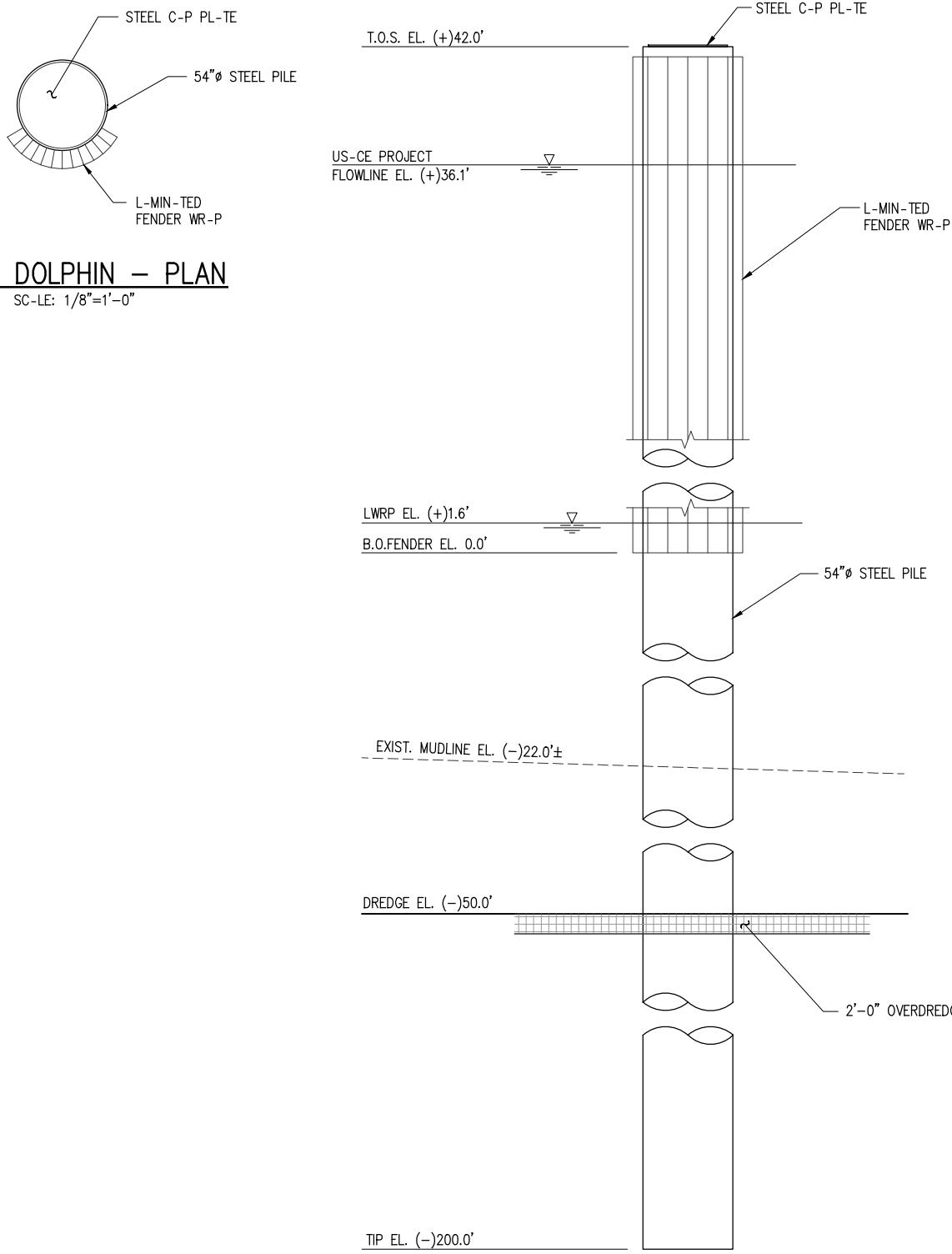
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BLUE AMMONIA PLANT PROJECT  
NEW MARINE TERMINAL  
SHIP BREASTING DOLPHIN - PLAN & ELEVATION

DATE DEC. 22'  
DESIGN ETW  
DRAWN TPM  
CHECK CLO  
JOB NO. 12117  
SHEET No.  
12 OF 24



### BARGE DOLPHIN – ELEVATION

SC-LE: 1/8"=1'-0"  
(3 REQUIRED)

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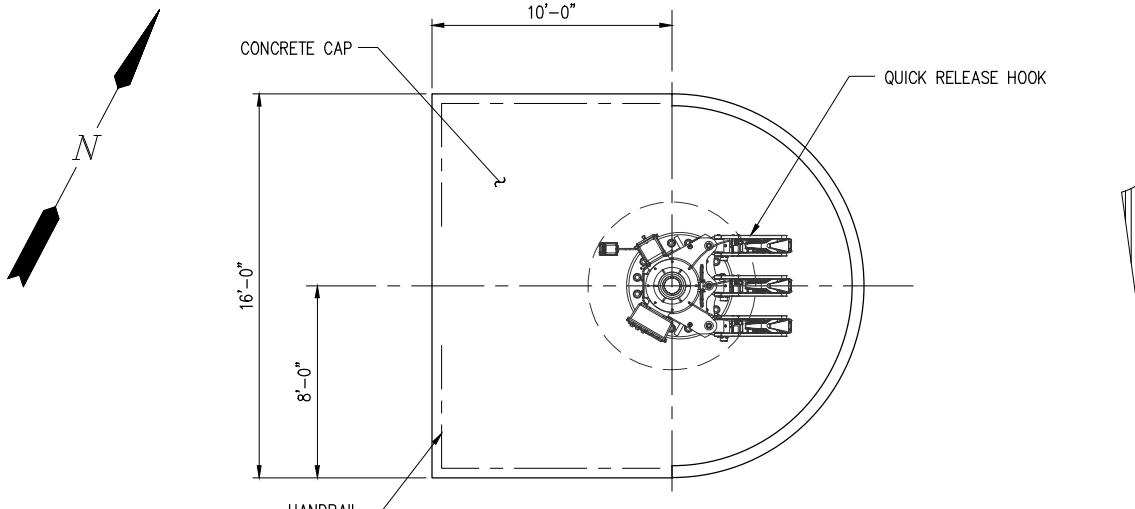
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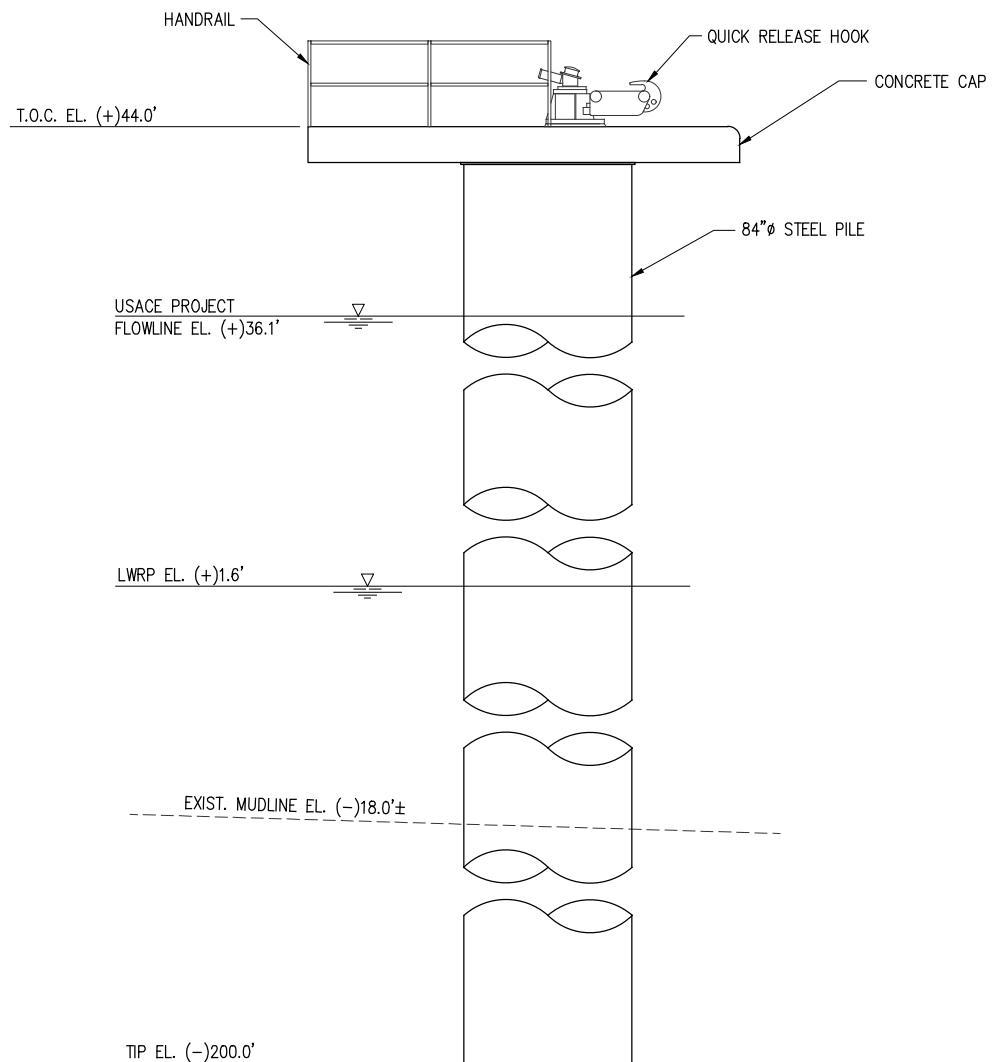
CF INDUSTRIES BLUE POINT, LLC  
ASCENSION PARISH LOUISIANA  
BLUE AMMONIA PLANT PROJECT  
NEW MARINE TERMINAL  
BARGE DOLPHIN PLAN & ELEVATION

DATE DEC. 22'  
DESIGN ETW  
DRAWN TPM  
CHECK CLO  
JOB NO. 12117  
SHEET No.  
13 OF 24



MOORING DOLPHIN - PLAN

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



MOORING DOLPHIN - ELEVATION

SCALE: 1/8"=1'-0"  
(6 REQUIRED)CHRIS L. O'BRIEN  
LA PE #33945

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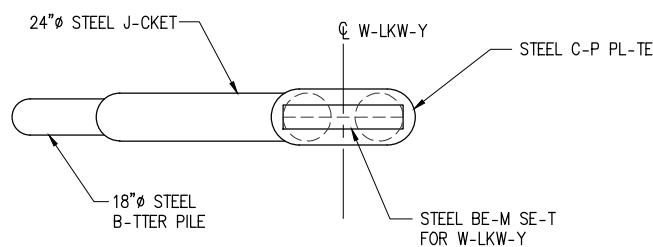
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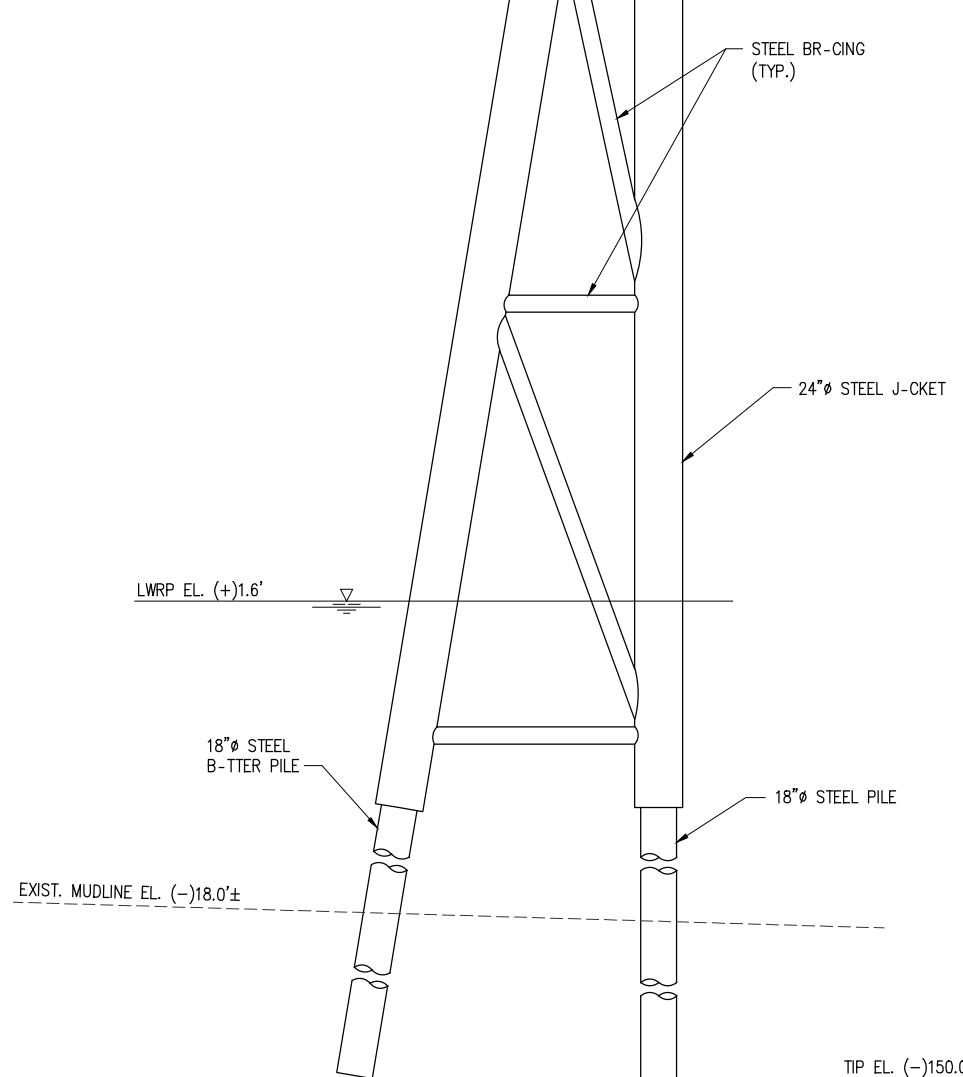
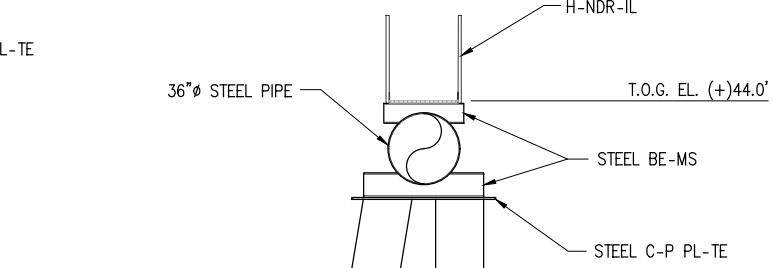
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ASCENSION PARISH LOUISIANA  
BLUE AMMONIA PLANT PROJECT  
NEW MARINE TERMINAL  
MOORING DOLPHIN - PLAN & ELEVATION

DATE DEC. 22'  
DESIGN ETW  
DRAWN TPM  
CHECK CLO  
JOB NO. 12117  
SHEET No.  
14 OF 24



## 2 PILE WALKWAY BENT – PLAN

SC-LE: 1/8"=1'-0"



## 2 PILE WALKWAY BENT – ELEVATION

SC-LE: 1/8"=1'-0"  
(12 REQUIRED)CHRIS L. O'BRIEN  
L- PE #3945

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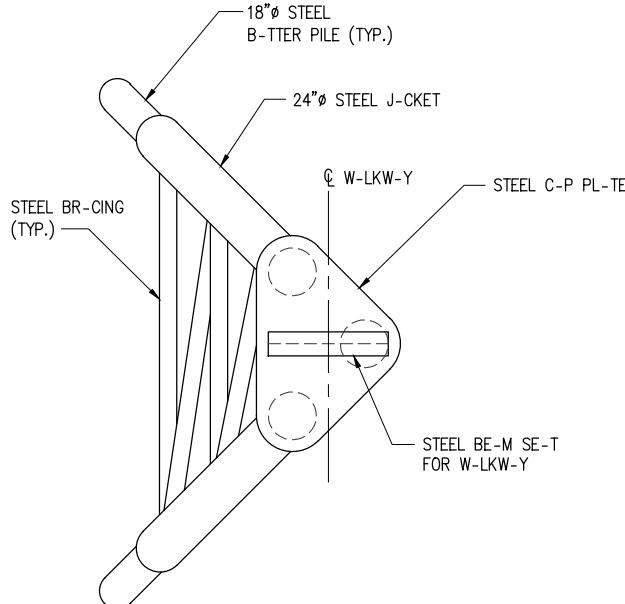
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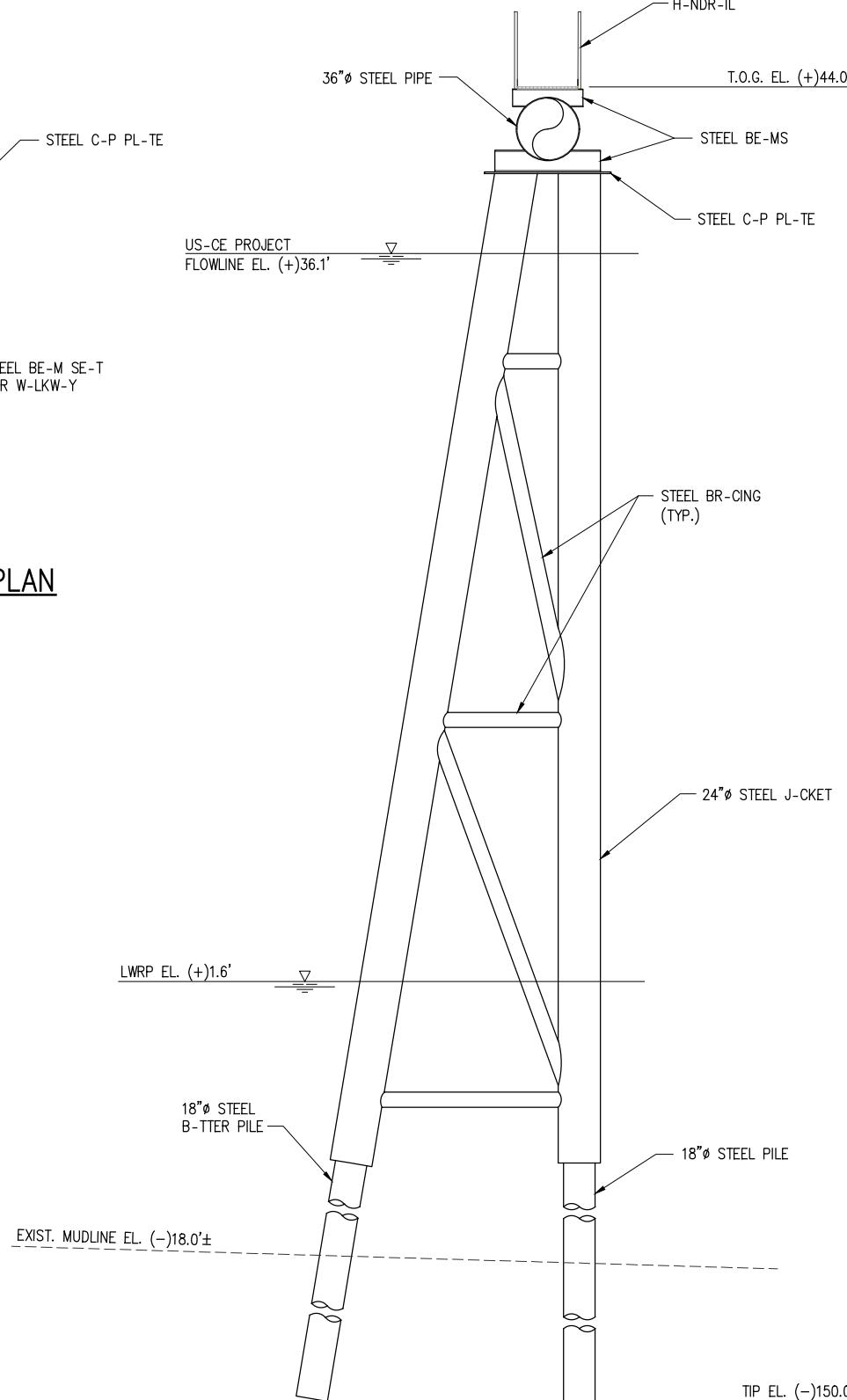
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ASCENSION PARISH LOUISIANA  
BLUE AMMONIA PLANT PROJECT  
NEW MARINE TERMINAL  
2 PILE WALKWAY BENT - PLAN & ELEVATION

DATE DEC. 22'  
DESIGN ETW  
DRAWN TPM  
CHECK CLO  
JOB NO. 12117  
SHEET No.  
15 OF 24



### TRIPOD WALKWAY BENT – PLAN

SC-LE: 1/8"=1'-0"



### TRIPOD WALKWAY BENT – ELEVATION

SC-LE: 1/8"=1'-0"  
(2 REQUIRED)CHRIS L. O'BRIEN  
L- PE #33945

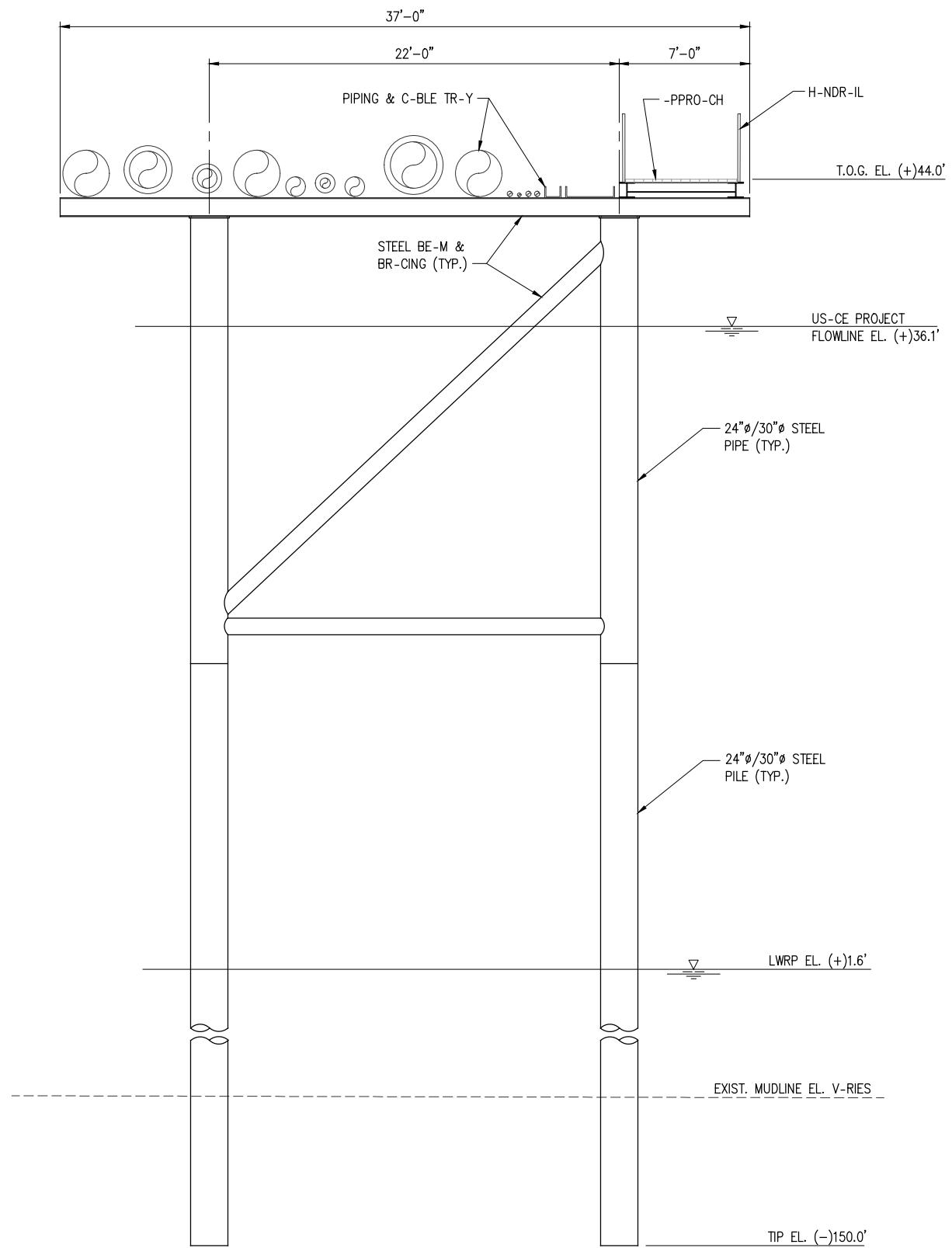
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BLUE AMMONIA PLANT PROJECT  
NEW MARINE TERMINAL  
TRIPOD WALKWAY BENT - PLAN & ELEVATION

DATE DEC. 22'  
DESIGN ETW  
DRAWN TPM  
CHECK CLO  
JOB NO. 12117  
SHEET No.  
16 OF 24



### TYPICAL APPROACH BENT – ELEVATION

SC-LE: 1/8"=1'-0"

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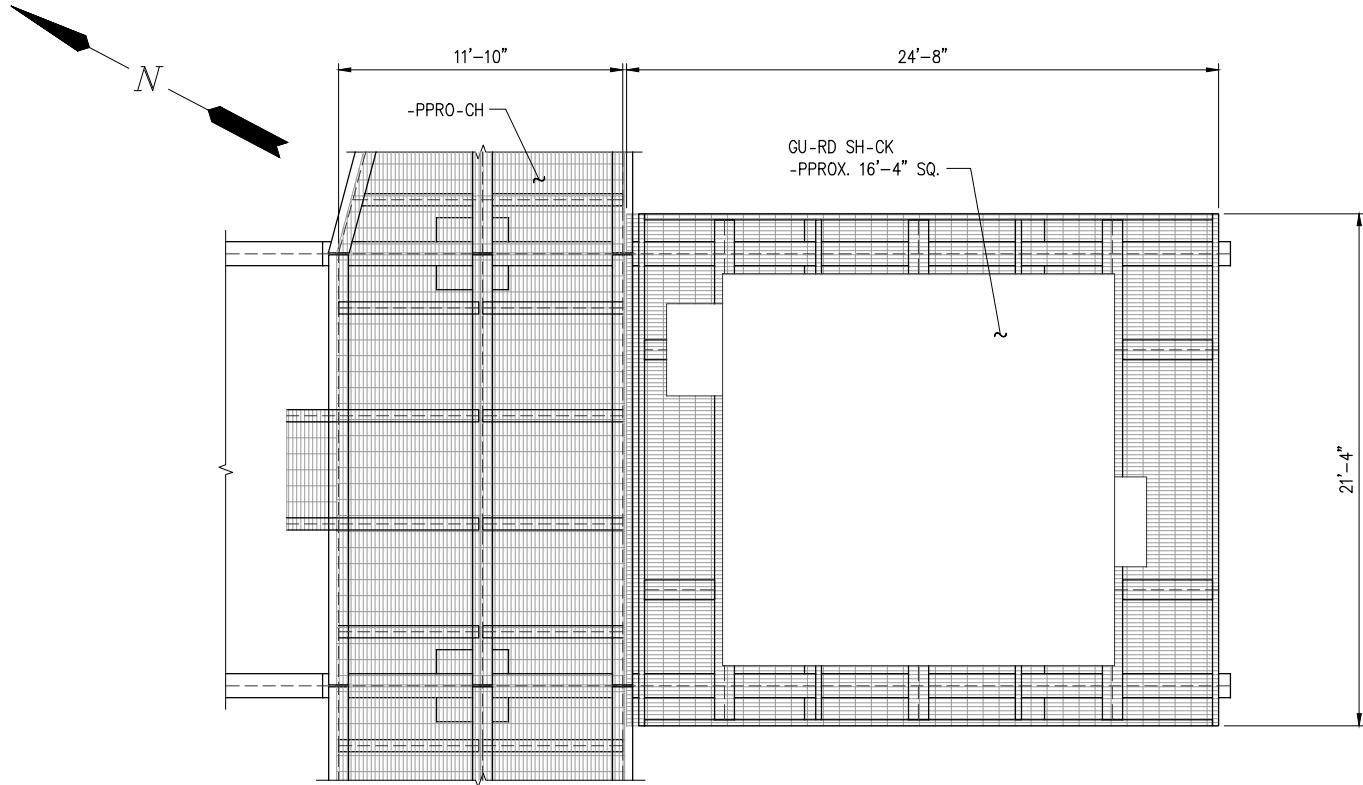
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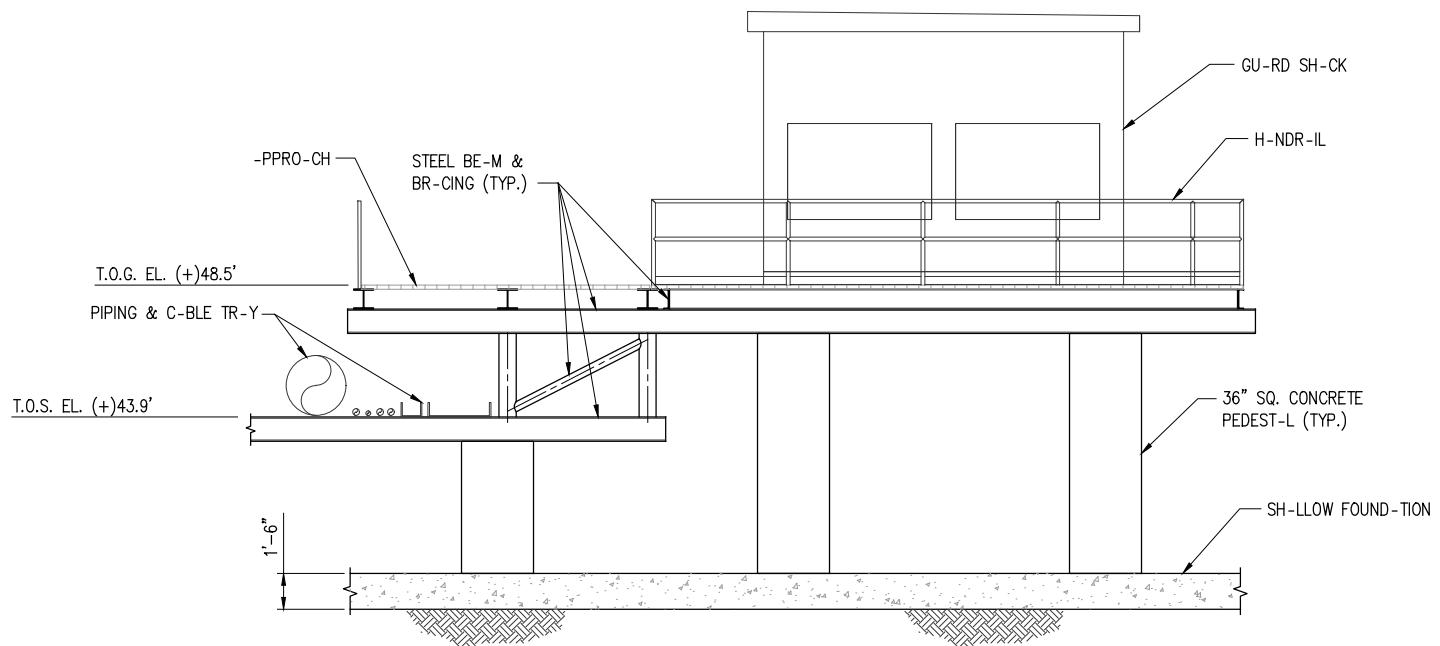
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ASCENSION PARISH LOUISIANA  
BLUE AMMONIA PLANT PROJECT  
NEW MARINE TERMINAL  
TYPICAL APPROACH BENT ELEVATION

DATE DEC. 22'  
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DRAWN TPM  
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JOB NO. 12117  
SHEET No.  
17 OF 24



GUARD SHACK PLATFORM - PLAN

SC-LE: 1/8"=1'-0"



GUARD SHACK PLATFORM - ELEVATION

SC-LE: 1/8"=1'-0"

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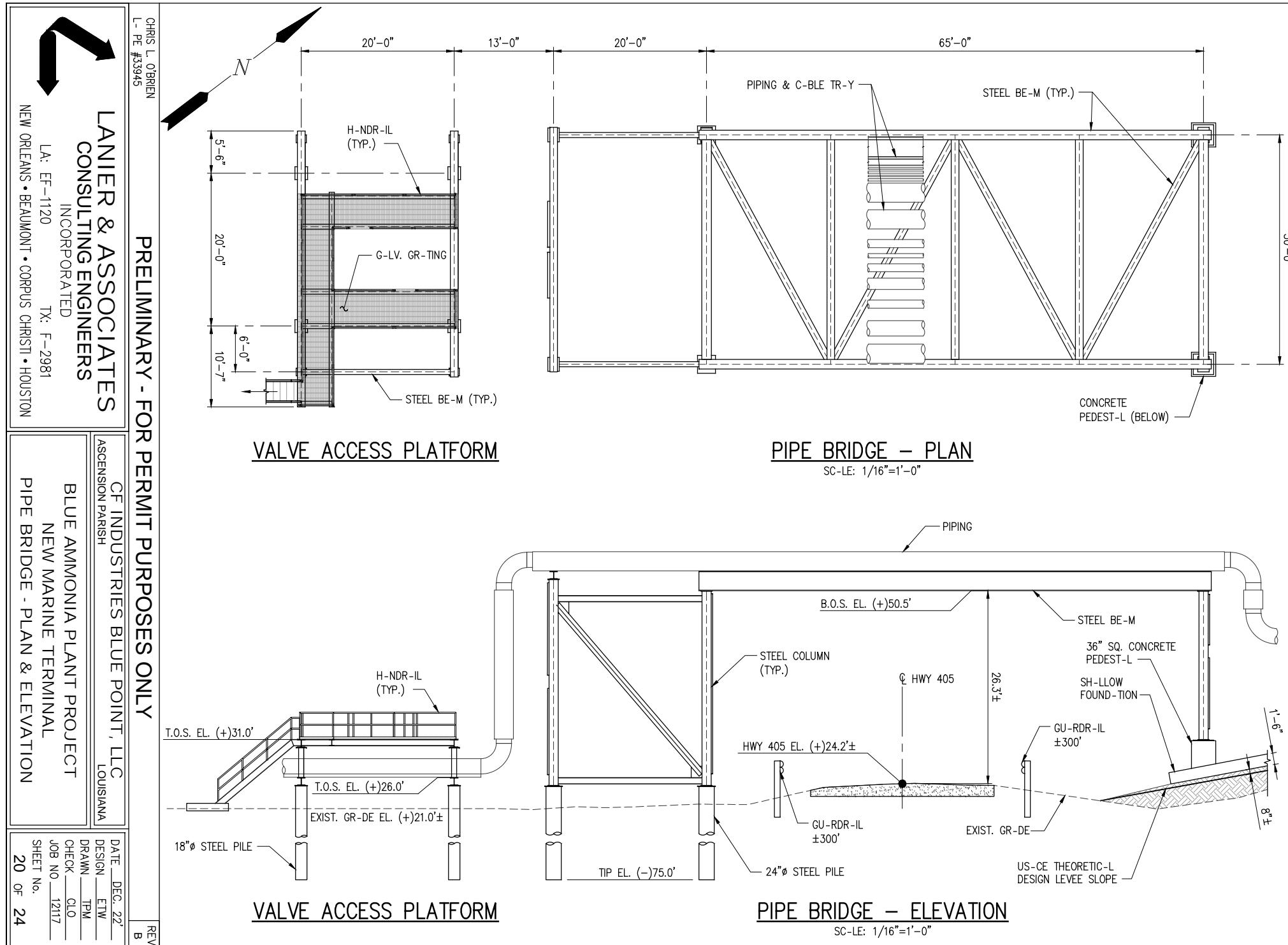
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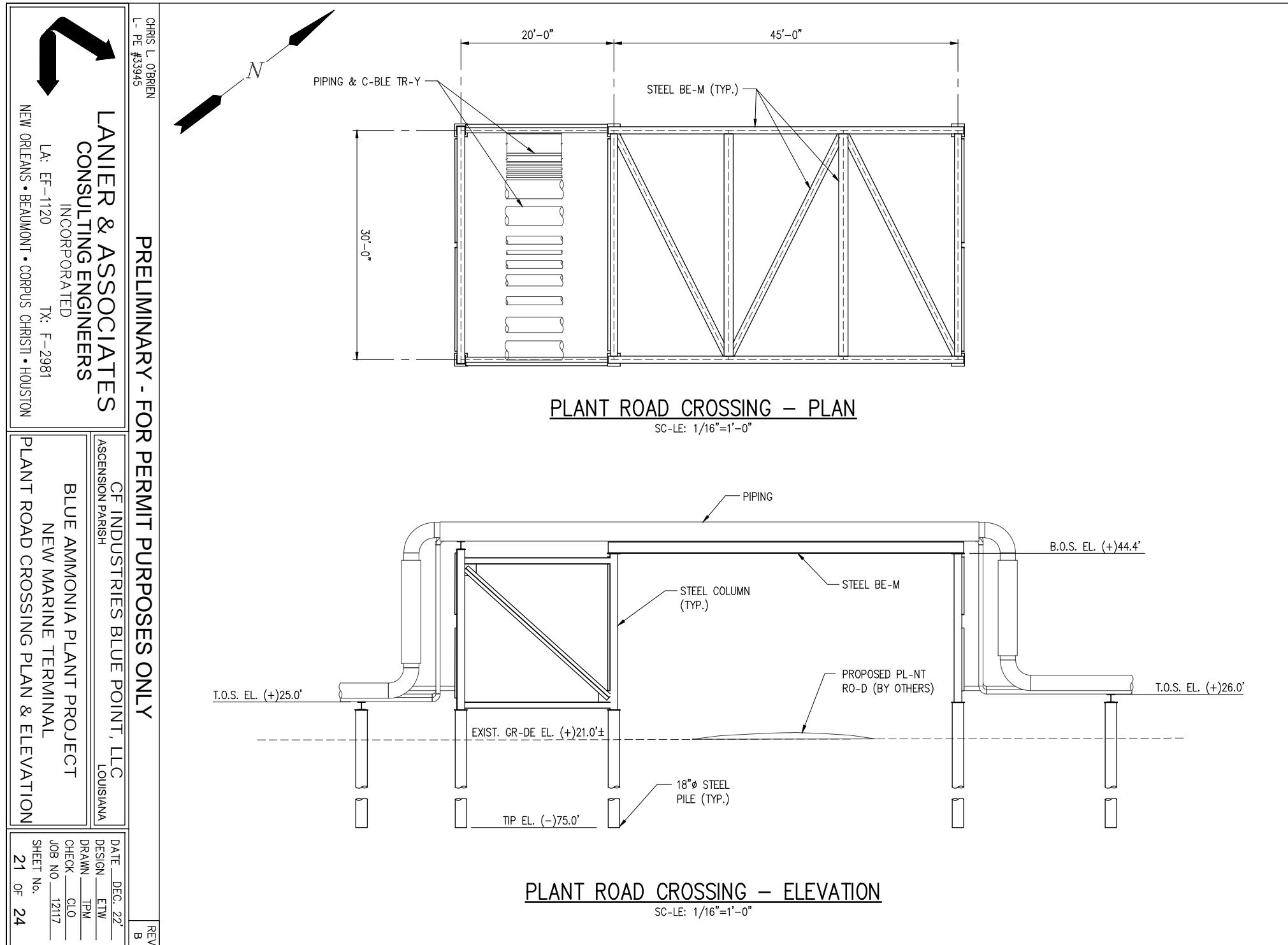
  
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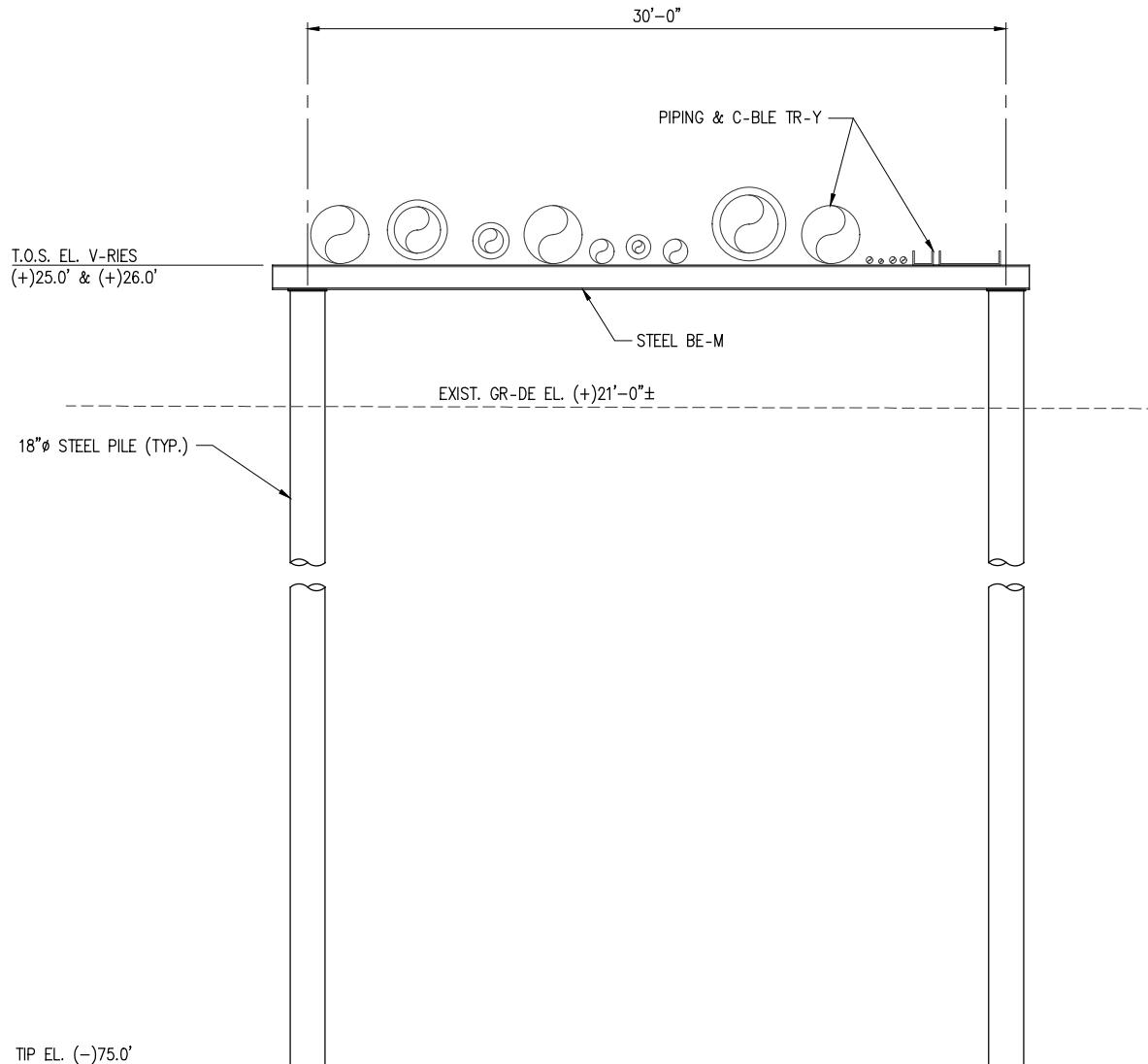
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**BLUE AMMONIA PLANT PROJECT**  
NEW MARINE TERMINAL  
GUARD SHACK PLATFORM PLAN & ELEVATION

DATE DEC. 22'  
DESIGN ETW  
DRAWN TPM  
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SHEET No.  
**18 OF 24**









### TYPICAL PIPE RACK – ELEVATION

SC-LE: 1/8"=1'-0"

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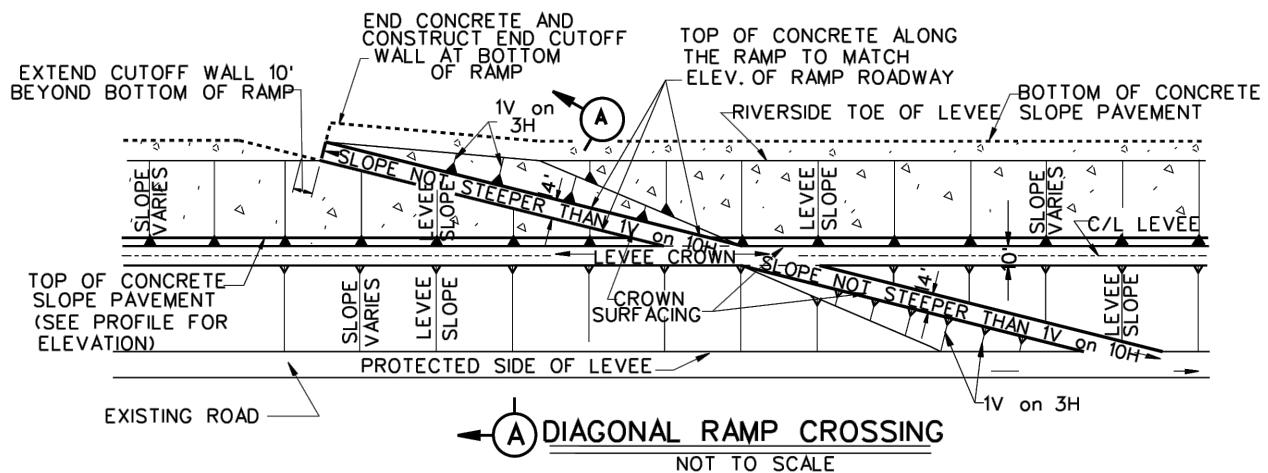
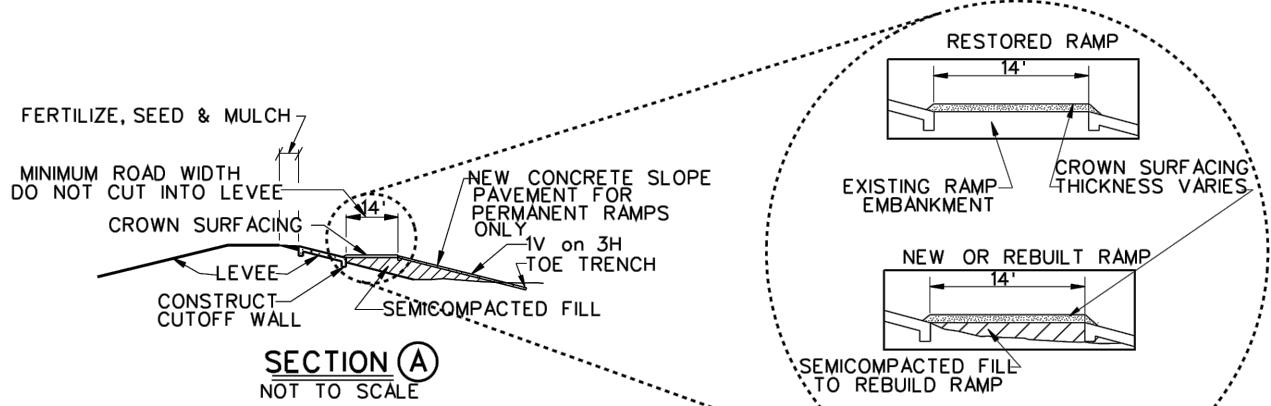
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ASCENSION PARISH LOUISIANA

BLUE AMMONIA PLANT PROJECT  
NEW MARINE TERMINAL  
TYPICAL PIPE RACK ELEVATION

DATE DEC. 22'  
DESIGN ETW  
DRAWN TPM  
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JOB NO. 12117  
SHEET No.  
22 OF 24



REFERENCE US-CE DR-WING:  
PIPE LINE CROSSINGS OVER LEVEES -ND FLOODW-LLS  
SURF-CE CROSSINGS TYPIC-L OF RIVER LEVEES  
FILE NUMBER H-8-29027, DR-WING 6 OF 9

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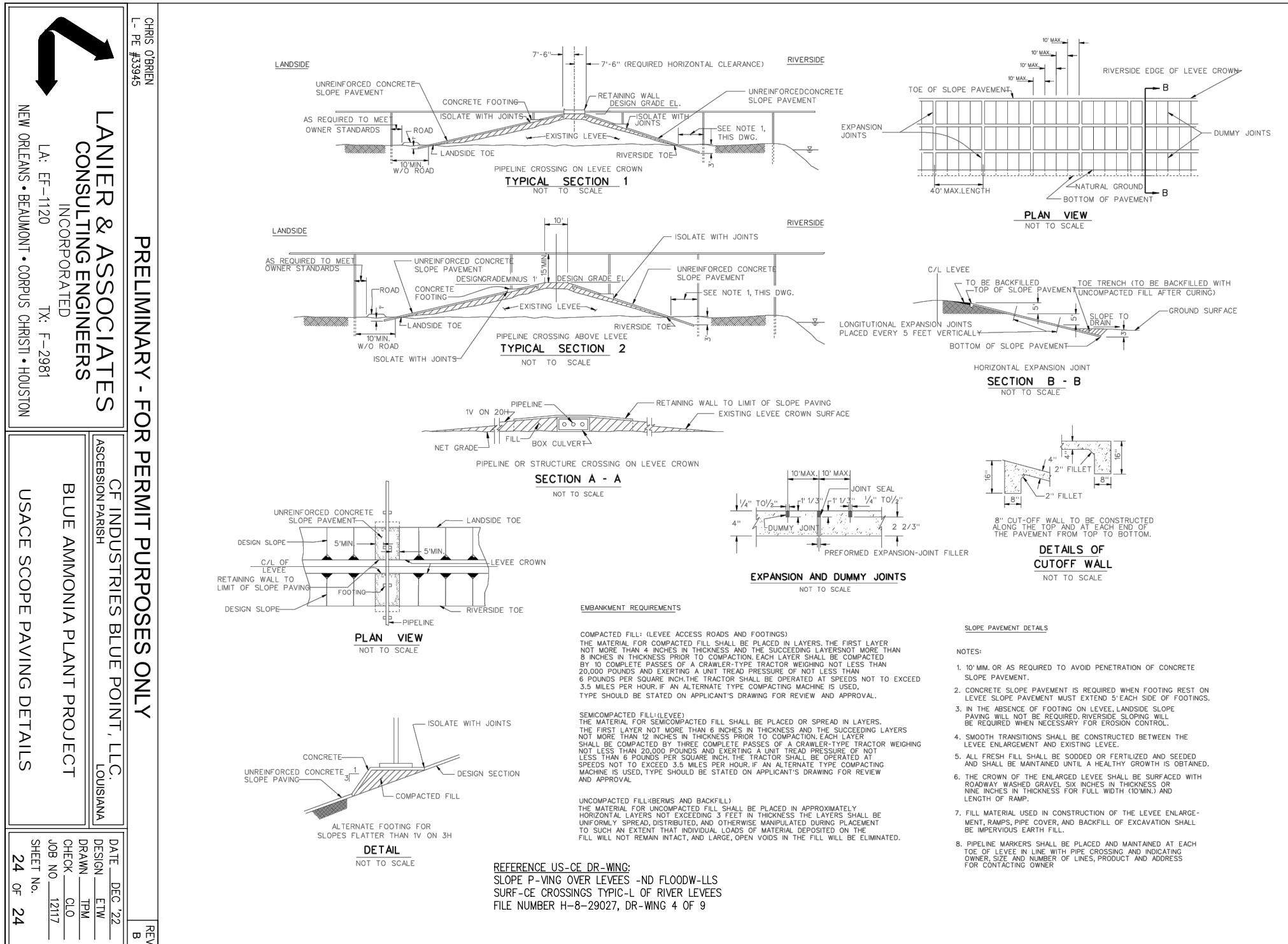
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INCORPORATED

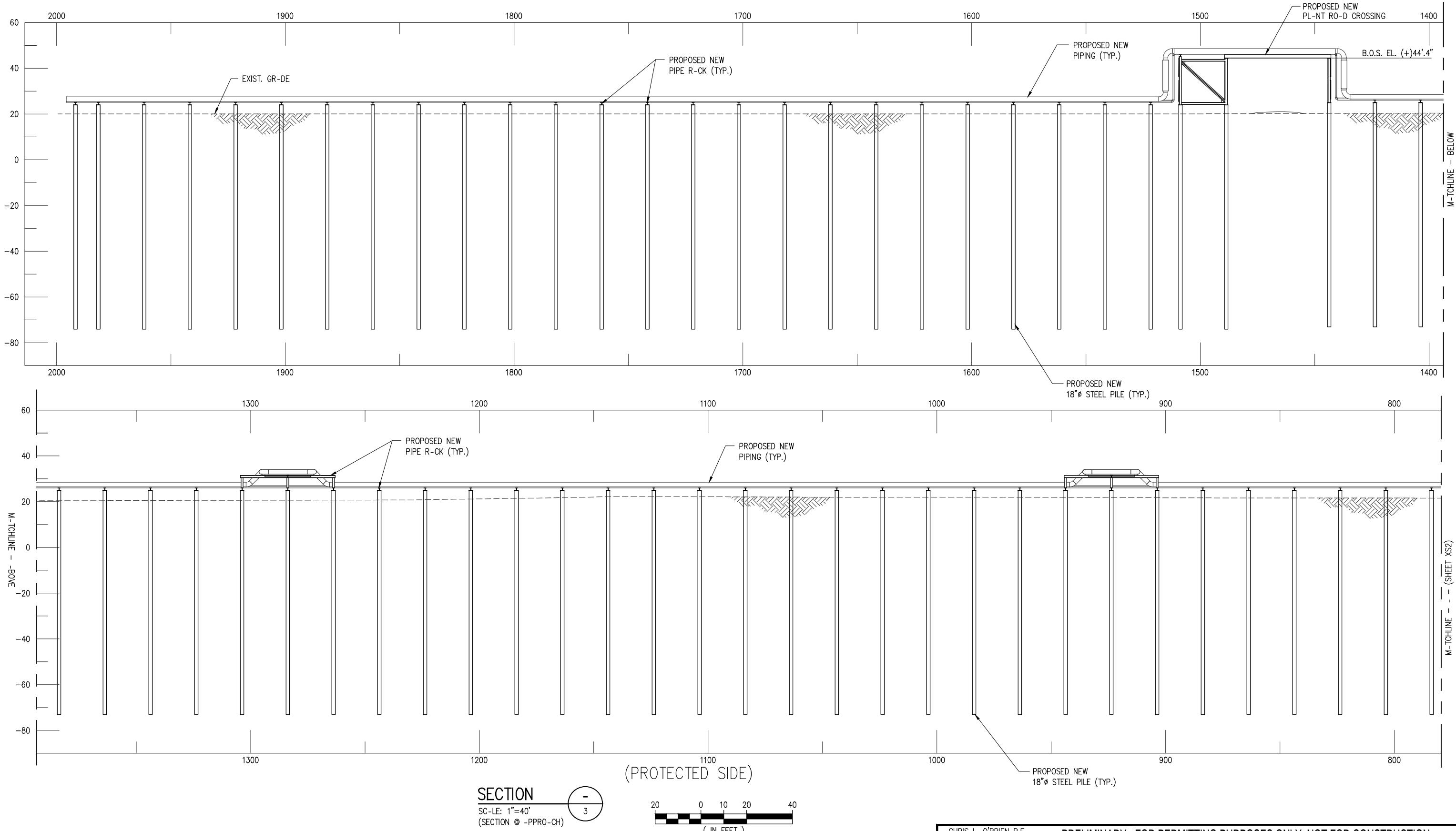
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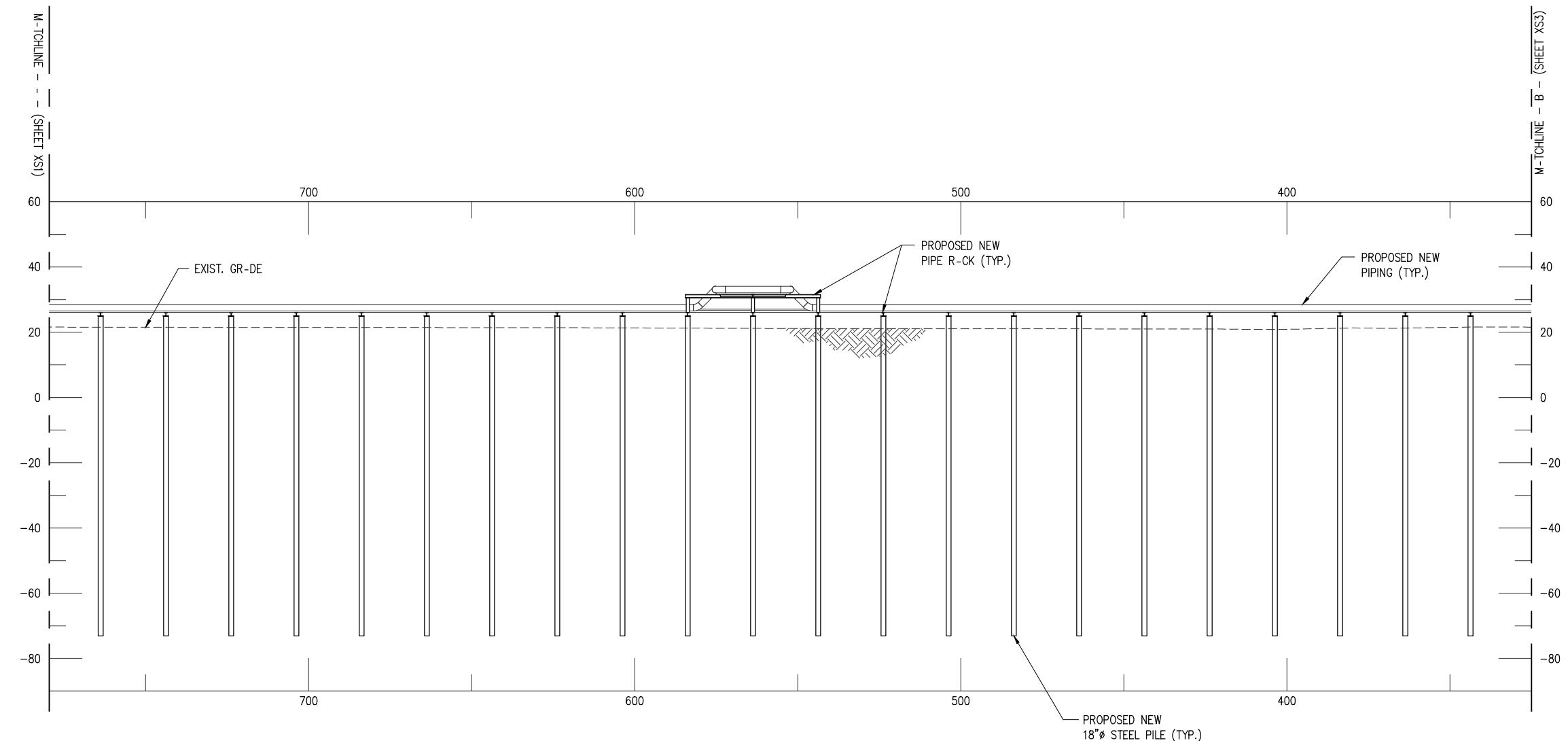
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ASCENSION PARISH LOUISIANA

BLUE AMMONIA PLANT PROJECT  
NEW MARINE TERMINAL  
USACE LEVEE RAMP CROSSING DETAILS

DATE DEC. 22'  
DESIGN ETW  
DRAWN TPM  
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JOB NO. 12117  
SHEET No.  
23 OF 24







SECTION  
SC-LE: 1"-40'  
(SECTION @ -PPRO-CH)

(PROTECTED SIDE)  
20 0 10 20 40  
(IN FEET)

CHRIS L. O'BRIEN P.E.  
33945

PRELIMINARY - FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION

  
LANIER & ASSOCIATES  
CONSULTING ENGINEERS  
INCORPORATED  
LA: EF-1120 TX: F-2981  
NEW ORLEANS • BEAUMONT • CORPUS CHRISTI • HOUSTON

*		*		*			
REV	DATE	BY	DESCRIPTION	REV	DATE	BY	DESCRIPTION

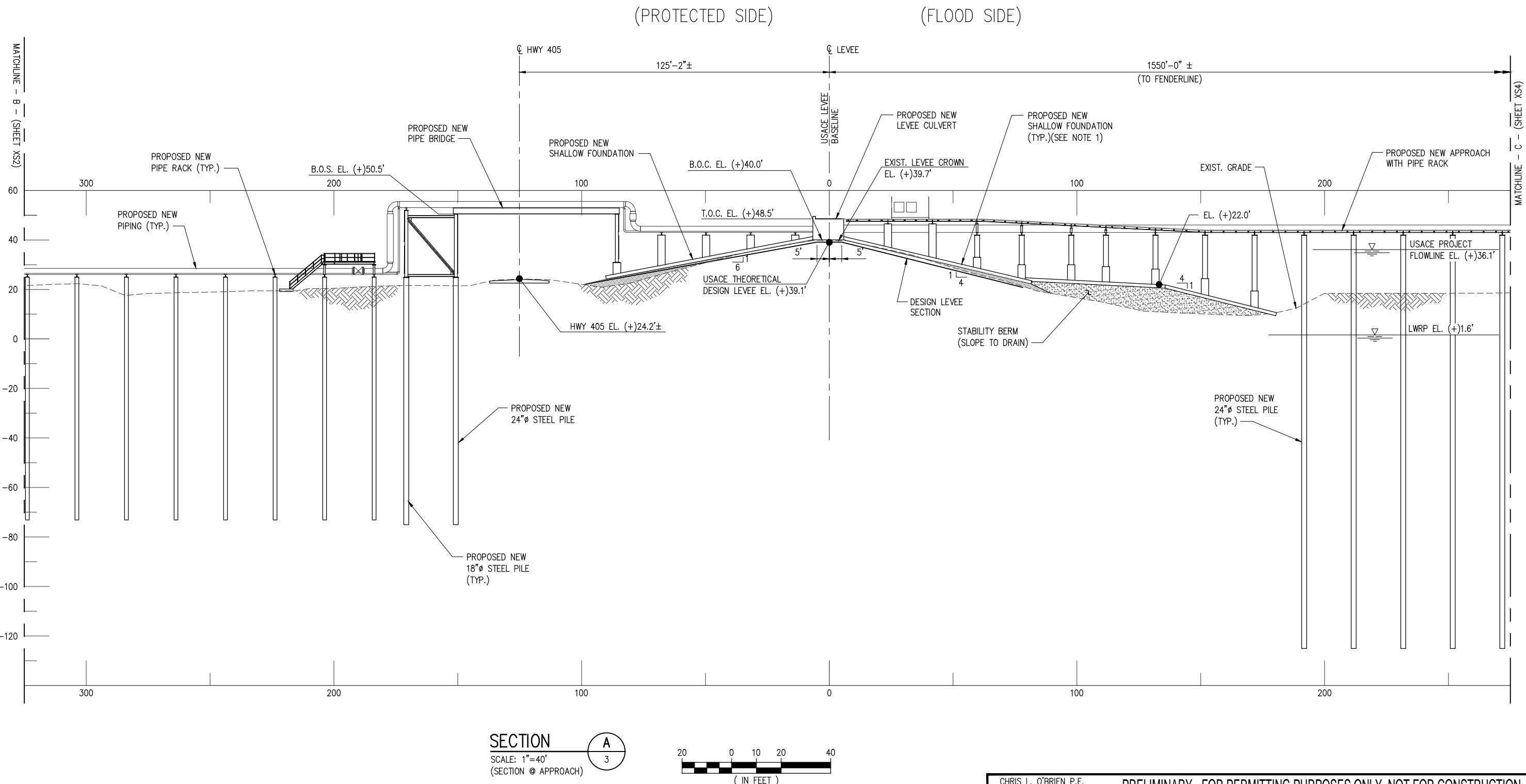
DATE DEC. 22'  
SHT SIZE 11"x17"  
DESIGN ETW  
DRAWN TPM  
CHECK CLO  
APPR'D JTM  
JOB NO 12117

CF INDUSTRIES BLUE POINT, LLC  
ASCENSION PARISH  
BLUE AMMONIA PLANT PROJECT  
NEW MARINE TERMINAL  
CROSS SECTION @ APPROACH (2 OF 7)

SHEET NO.  
XS2

NOTES:

1. THE BOTTOM OF THE PROPOSED NEW SHALLOW FOUNDATION ON THE LEVEE WILL BE A MINIMUM OF 6" ABOVE THE DESIGN LEVEE SECTION TO ACCOUNT FOR SETTLEMENT.
2. ADDITIONAL LEVEE FILL MUST HAVE AN ORGANIC CONTENT OF NO GREATER THAN 12%, AS DETERMINED BY ASTM D2974, METHOD C. THE PLASTICITY INDEX OF THE NEW FILL MUST BE 10 OR MORE BY ATTERBERG LIMITS BY ASTM D4318, AND THAT THE MATERIAL IS CLASSIFIED AS EITHER A CH OR CL BY ASTM D2487, WITH LESS THAN 35% SAND RETAINED ON THE NO. 200 SIEVE BY ASTM D1140.



*	REV	DATE	BY	DESCRIPTION	*	REV	DATE	BY	DESCRIPTION

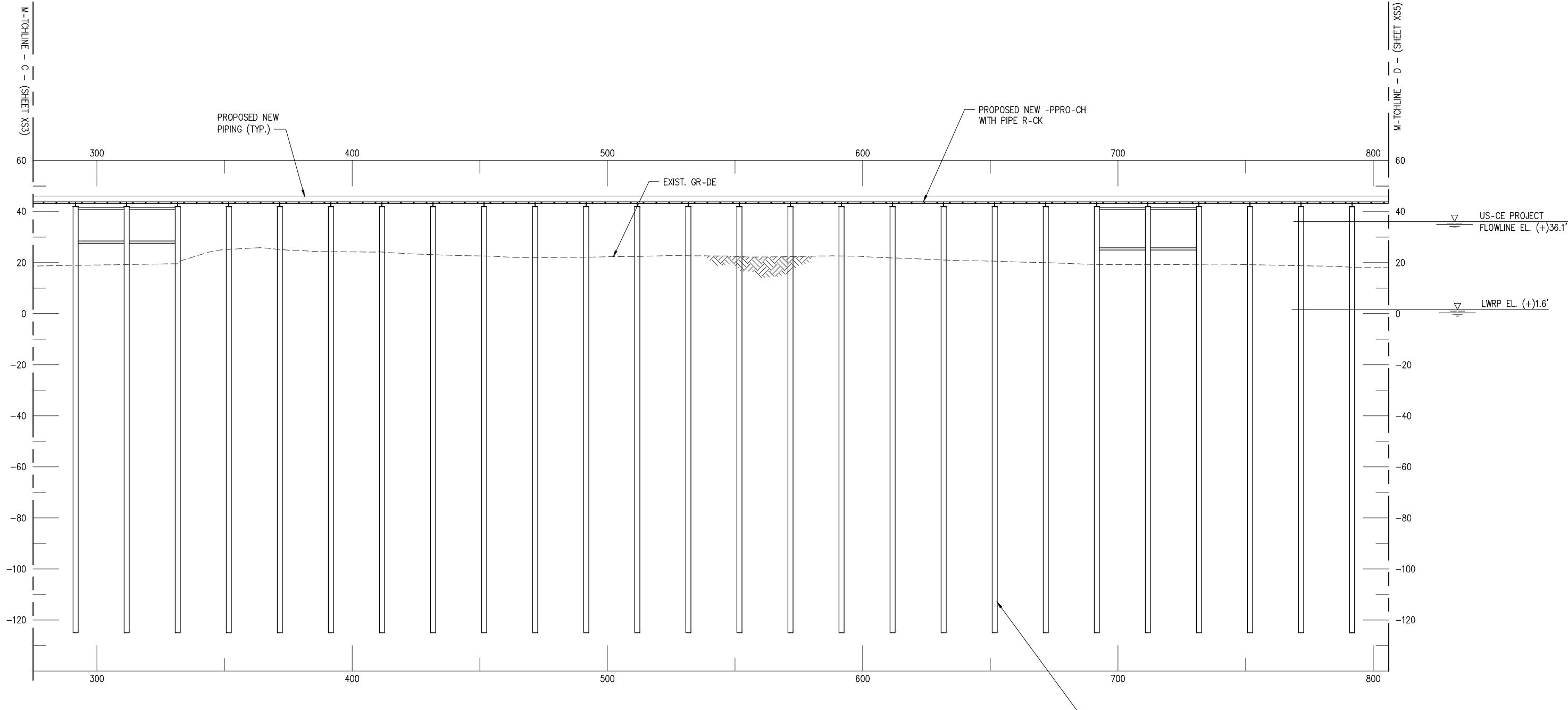
CHRIS L. O'BRIEN P.E.  
33945

PRELIMINARY - FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION

DATE DEC. 22'  
SHT SIZE 11"x17"  
DESIGN ETW  
DRAWN TPM  
CHECK CLO  
APPR'D JTM  
JOB NO 12117

CF INDUSTRIES BLUE POINT, LLC  
ASCENSION PARISH  
BLUE AMMONIA PLANT PROJECT  
NEW MARINE TERMINAL  
CROSS SECTION @ APPROACH (3 OF 7)

SHEET NO.  
**XS3**



(FLOOD SIDE)

SECTION

SC LE: 1"-40'  
(SECTION @ -PPRO-CH)-  
320 0 10 20 40  
( IN FEET )

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CONSULTING ENGINEERS  
INCORPORATED  
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*			*			*		
REV	DATE	BY	DESCRIPTION	REV	DATE	BY	DESCRIPTION	

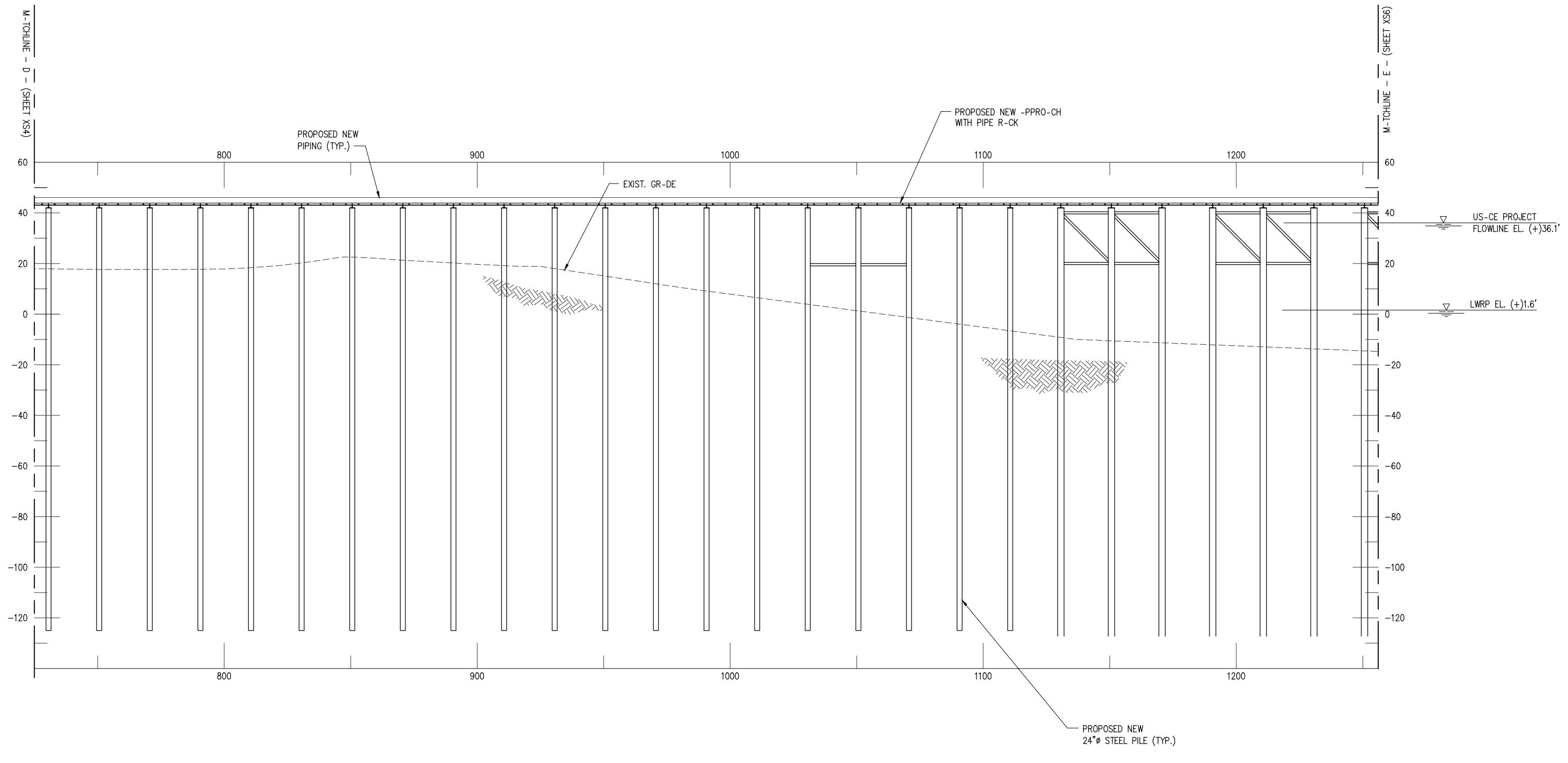
CHRIS L. O'BRIEN P.E.  
33945

PRELIMINARY - FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION

DATE DEC. 22'  
SHT SIZE 11"x17"  
DESIGN ETW  
DRAWN TPM  
CHECK CLO  
APPR'D JTM  
JOB NO 12117

CF INDUSTRIES BLUE POINT, LLC  
ASCENSION PARISH  
LOUISIANA  
BLUE AMMONIA PLANT PROJECT  
NEW MARINE TERMINAL  
CROSS SECTION @ APPROACH (4 OF 7)

SHEET NO.  
**XS4**

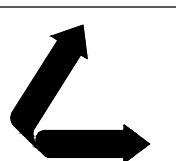


## SECTION

SC-LE: 1"=40'  
(SECTION @ -PP)

CHRIS L. O'BRIEN P.  
33945

PRELIMINARY - FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION



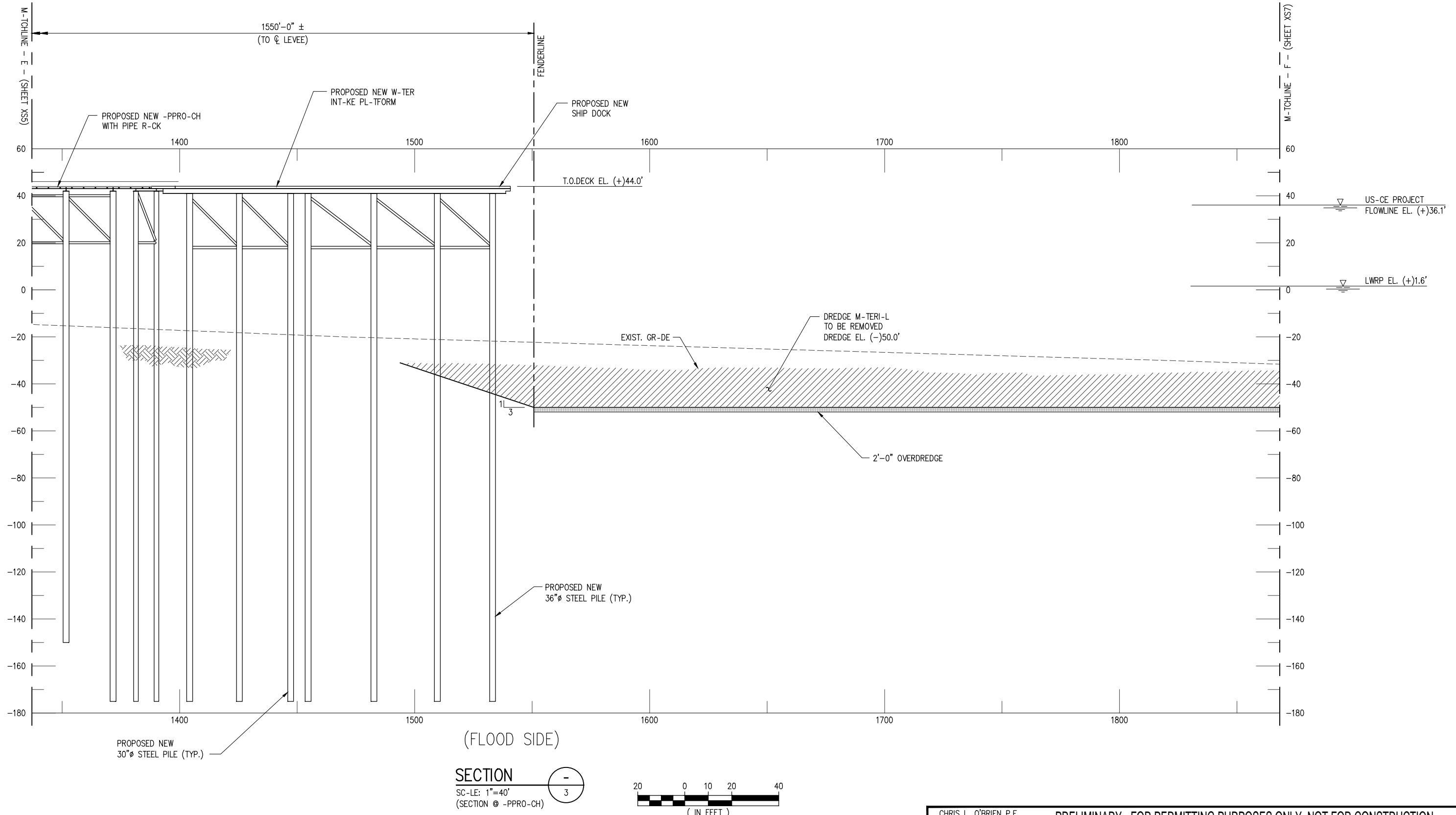
# LANIER & ASSOCIATES CONSULTING ENGINEERS

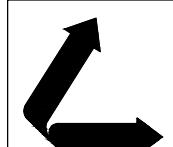
INCORPORATED  
LA: EF-1120 TX: F-2981  
NEW ORLEANS • BEAUMONT • CORPUS CHRISTI • HOUSTON

DATE	DEC. 22'
SHT SIZE	11" x 17"
DESIGN	ETW
DRAWN	TPM
CHECK	CLO
APPR'D	JTM
JOB NO	12117

CF INDUSTRIES BLUE POINT, LLC  
SCENSION PARISH LOUISIANA

SHEET NO.  
**XS5**



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CONSULTING ENGINEERS  
INCORPORATED  
LA: EF-1120 TX: F-2981  
NEW ORLEANS • BEAUMONT • CORPUS CHRISTI • HOUSTON

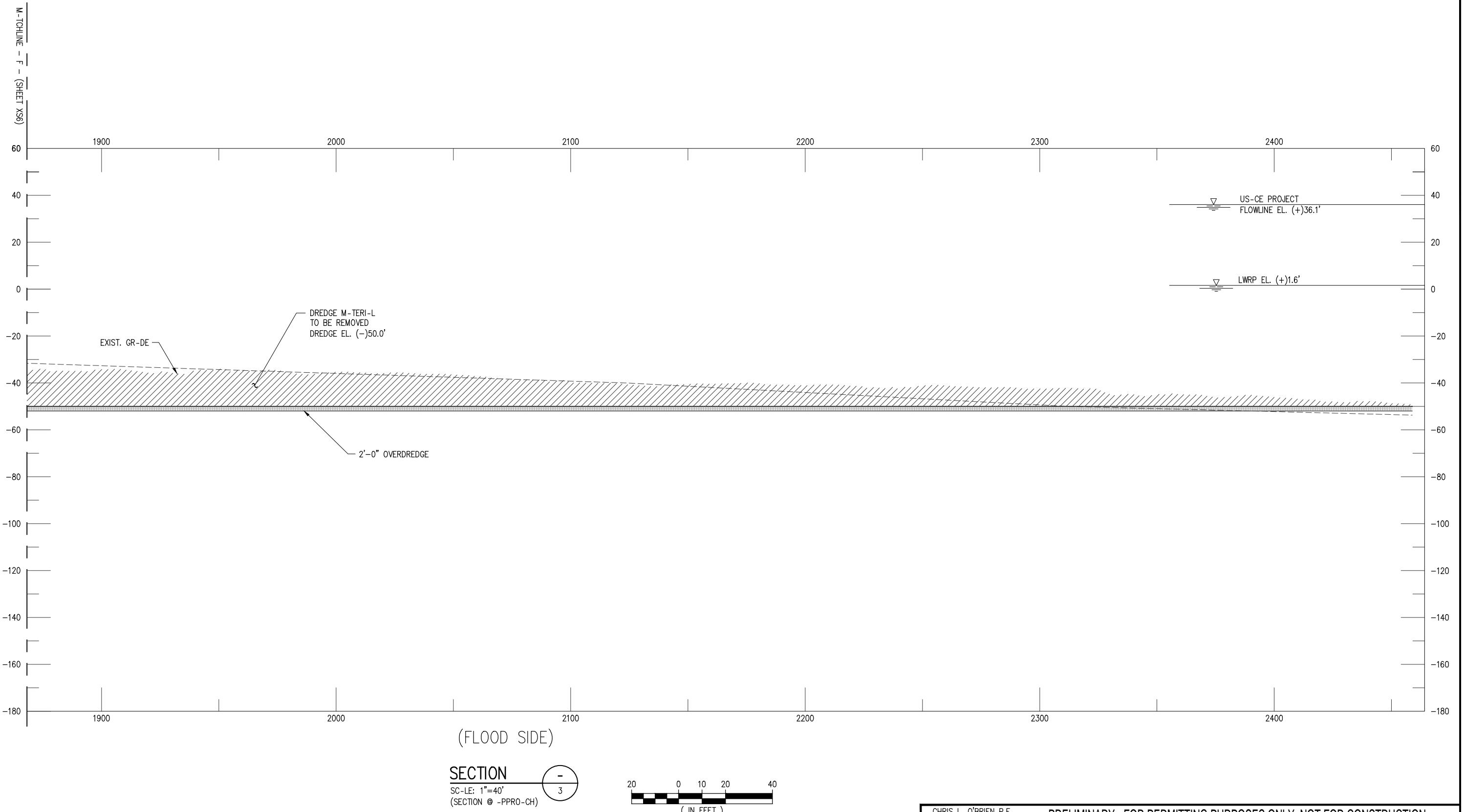
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REV	DATE	BY	DESCRIPTION	REV	DATE	BY	DESCRIPTION	

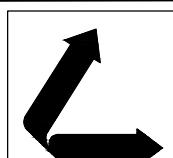
CHRIS L. O'BRIEN P.E.  
33945

PRELIMINARY - FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION

CF INDUSTRIES BLUE POINT, LLC ASCENSION PARISH	LOUISIANA
BLUE AMMONIA PLANT PROJECT NEW MARINE TERMINAL	
CROSS SECTION @ APPROACH (6 OF 7)	

SHEET NO.  
**XS6**



  
**LANIER & ASSOCIATES**  
 CONSULTING ENGINEERS  
 INCORPORATED  
 LA: EF-1120 TX: F-2981  
 NEW ORLEANS • BEAUMONT • CORPUS CHRISTI • HOUSTON

*			*			
REV	DATE	BY	DESCRIPTION	REV	DATE	BY

CHRIS L. O'BRIEN P.E.  
33945

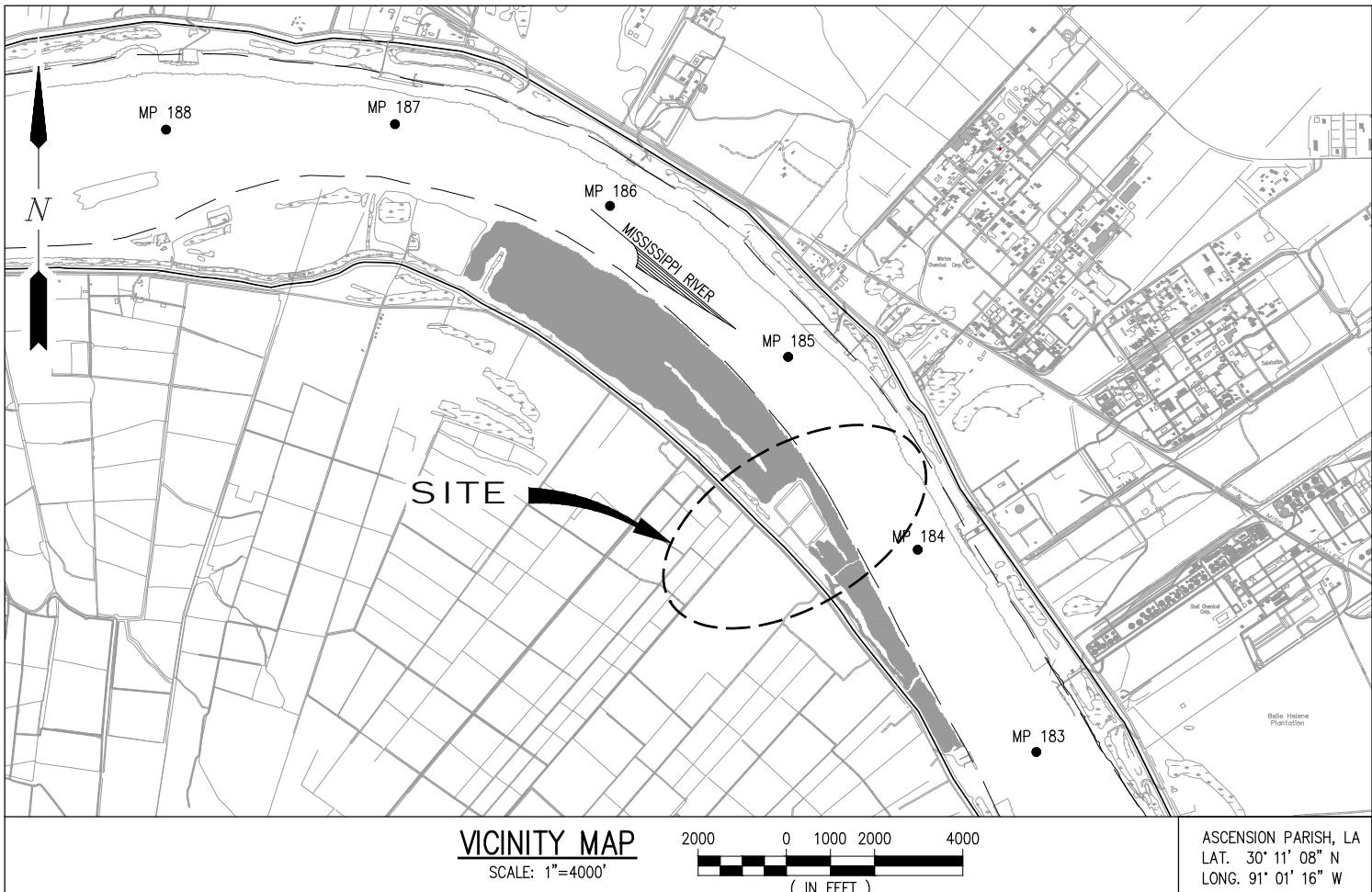
PRELIMINARY - FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION

DATE DEC. 22'	SHT SIZE 11"x17"
DESIGN ETW	DRAWN TPM
CHECK CLO	APPR'D JTM
JOB NO 12117	

CF INDUSTRIES BLUE POINT, LLC  
ASCENSION PARISH  
LOUISIANA

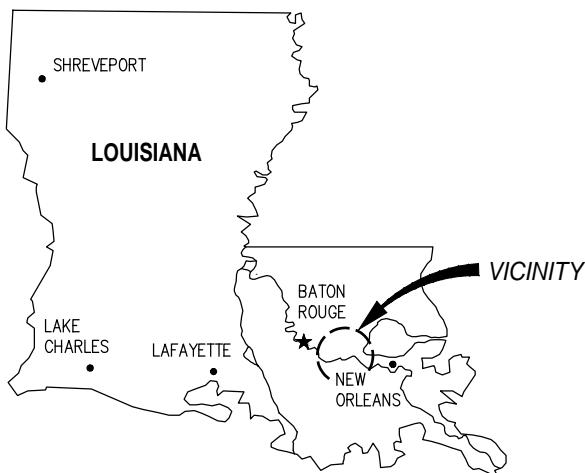
BLUE AMMONIA PLANT PROJECT  
NEW MARINE TERMINAL  
CROSS SECTION @ APPROACH (7 OF 7)

SHEET NO.  
**XS7**



#### 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, WELLS, 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 DATUM REFERENCED TO LOUISIANA STATE PLANE NAD83.
6. ALL ELEVATIONS ARE EXPRESSED IN FEET AND TENTHS AND ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88). UNLESS NOTED OTHERWISE.
7. NO IMPACTS TO RARE, THREATENED OR ENDANGERED SPECIES OR CRITICAL HABITATS ARE ANTICIPATED FROM THE PROPOSED PROJECT. NO STATE OR FEDERAL PARKS, WILDLIFE REFUGES, WILDLIFE MANAGEMENT AREAS OR SCENIC RIVERS ARE KNOWN AT THE SPECIFIED SITE OR WITHIN ¼ MILE OF THE PROPOSED PROJECT. THE WILDLIFE DIVERSITY PROGRAM (WDP) REPORTS SUMMARIZE THE EXISTING INFORMATION KNOWN AT THE TIME OF THE REQUEST REGARDING THE LOCATION IN QUESTION. WDP REPORTS SHOULD NOT BE CONSIDERED FINAL STATEMENTS ON THE BIOLOGICAL ELEMENTS OR AREAS BEING CONSIDERED, NOR SHOULD THEY BE SUBSTITUTED FOR ON-SITE SURVEYS REQUIRED FOR ENVIRONMENTAL ASSESSMENTS. IF AT ANY TIME WDP TRACKED SPECIES ARE ENCOUNTERED WITHIN THE PROJECT AREA, PLEASE CONTACT OUR BIOLOGIST AT 225-763-3554.



#### AREA MAP

CHRIS L. O'BRIEN P.E.  
LA P.E. #33945

PRELIMINARY - FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION

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CONSULTING ENGINEERS, INC.

LA: EF-1120  
VF-185

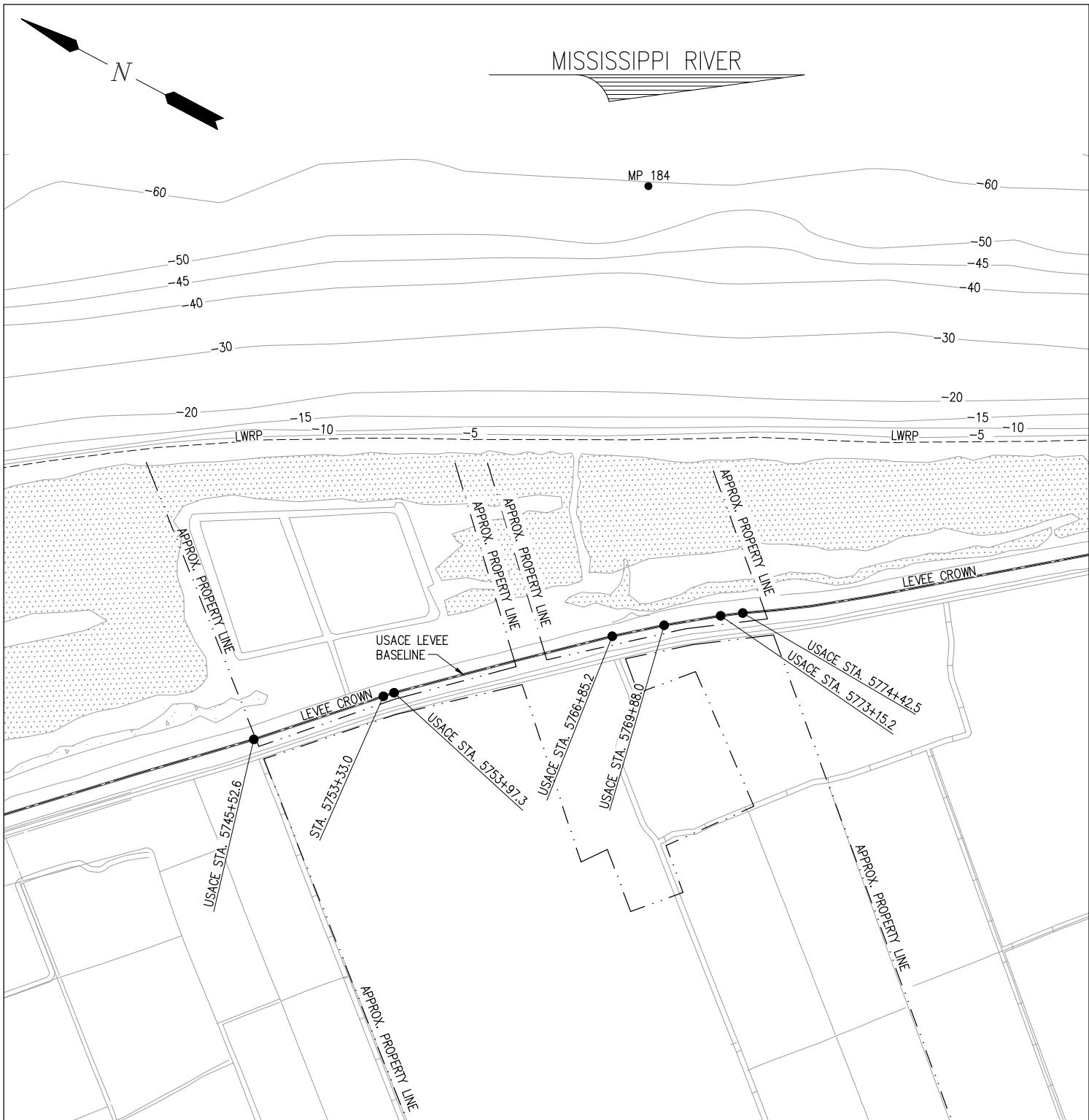
TX: F-2981  
LSF-10194817

NEW ORLEANS • BEAUMONT • CORPUS CHRISTI • HOUSTON • MANDEVILLE

CF INDUSTRIES BLUE POINT, LLC  
ASCENSION PARISH LOUISIANA

LOW CARBON AMMONIA PLANT  
HEAVY HAUL DOCK  
VICINITY MAP, AREA MAP & NOTES

DATE JAN. '25  
DESIGN CLO  
DRAWN JWB  
CHECK CLO  
JOB NO. 13484  
SHEET No.  
1 OF 16



## NOTES:

1. SURVEY DATA PROVIDED BY USACE 2020 REVETMENT SURVEY AND 2016 USACE LIDAR SURVEY INFORMATION.

OVERALL EXISTING SITE PLAN

SCALE: 1" = 800'  
 400 0 200 400 800  
 ( IN FEET )

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LA P.E. #33945

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CONSULTING ENGINEERS, INC.

LA: EF-1120  
VF-185

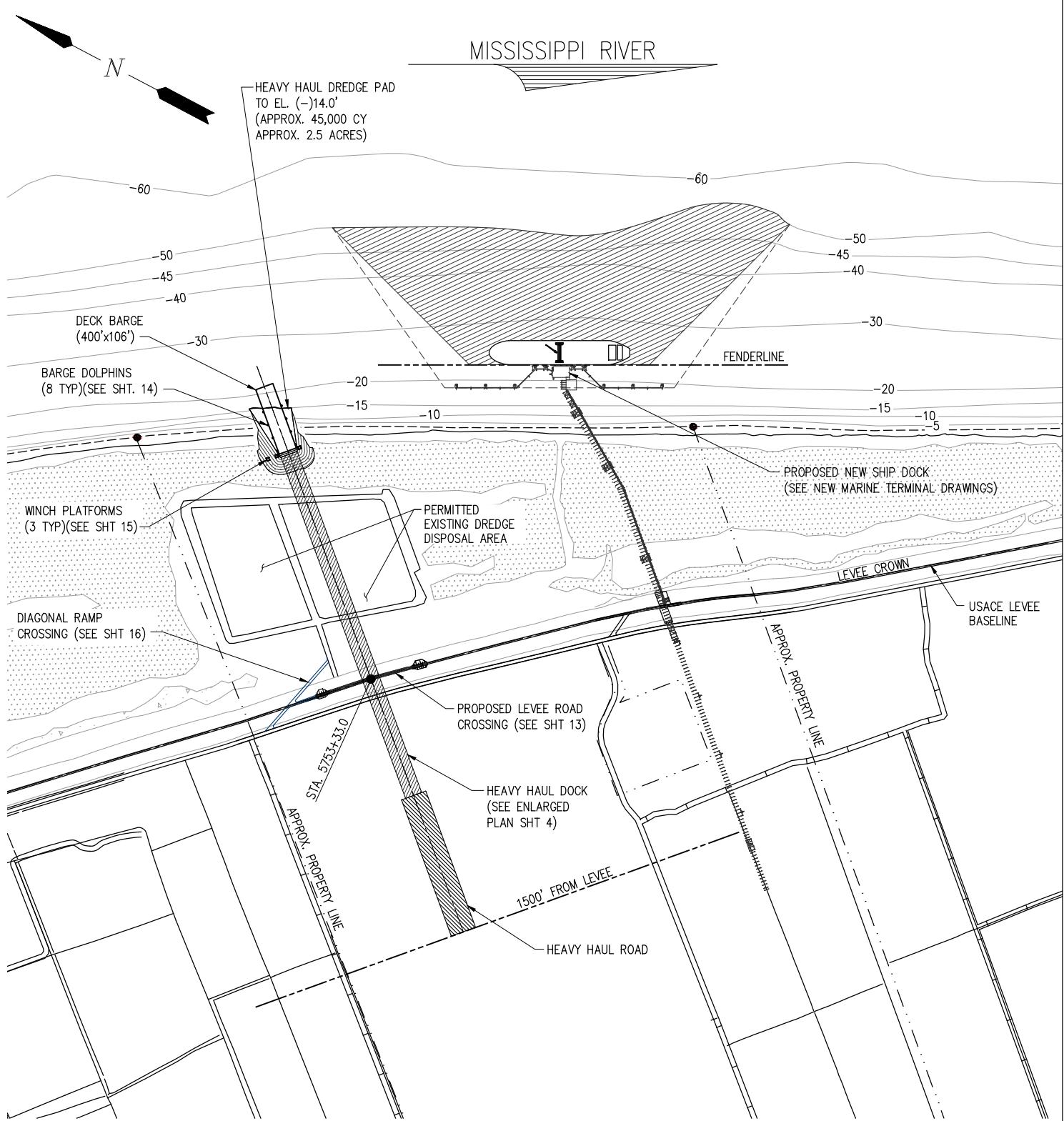
TX: F-2981  
LSF-10194817

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CF INDUSTRIES BLUE POINT, LLC  
ASCENSION PARISH LOUISIANA

LOW CARBON AMMONIA PLANT  
HEAVY HAUL DOCK  
OVERALL EXISTING SITE PLAN

DATE JAN. '25  
DESIGN CLO  
DRAWN JWB  
CHECK CLO  
JOB NO. 13484  
SHEET No.  
2 OF 16



### OVERALL NEW SITE PLAN

SCALE: 1" = 800'  
  
 ( IN FEET )

#### NOTES:

1. SURVEY DATA PROVIDED BY USACE 2020 REVETMENT SURVEY AND 2016 USACE LIDAR SURVEY INFORMATION.
2. DREDGE MATERIAL TO BE DISPOSED IN THE EXISTING PERMITTED DREDGE DISPOSAL AREA.

CHRIS L. O'BRIEN P.E.  
LA P.E. #33945

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CONSULTING ENGINEERS, INC.

LA: EF-1120  
VF-185

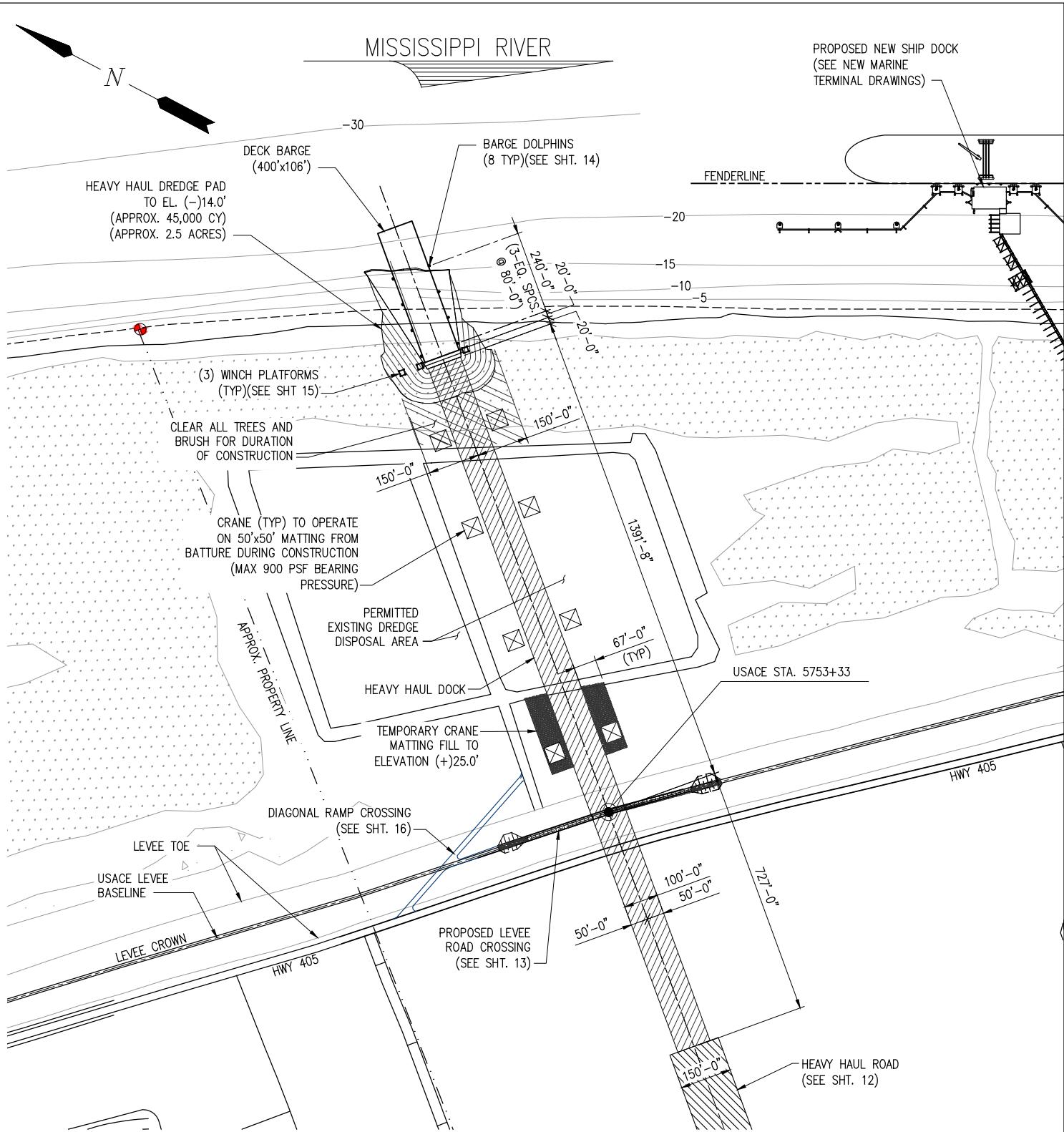
TX: F-2981  
LSF-10194817

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CF INDUSTRIES BLUE POINT, LLC  
ASCENSION PARISH LOUISIANA

LOW CARBON AMMONIA PLANT  
HEAVY HAUL DOCK  
ENLARGED NEW SITE PLAN

DATE	JAN. '25
DESIGN	CLO
DRAWN	JWB
CHECK	CLO
JOB NO.	12117-1
SHEET No.	
3	OF 16



### HEAVY HAUL DOCK ENLARGED PLAN

#### NOTES:

1. SURVEY DATA PROVIDED BY USACE 2020 REVETMENT SURVEY AND 2016 USACE LIDAR SURVEY INFORMATION.
2. DREDGE MATERIAL TO BE DISPOSED IN THE EXISTING PERMITTED DREDGE DISPOSAL AREA.

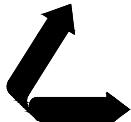
SCALE: 1" = 400'

200 0 100 200 400  
( IN FEET )

CHRIS L. O'BRIEN P.E.  
LA P.E. #33945

PRELIMINARY - FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION

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CONSULTING ENGINEERS, INC.

LA: EF-1120  
VF-185

TX: F-2981  
LSF-10194817

NEW ORLEANS • BEAUMONT • CORPUS CHRISTI • HOUSTON • MANDEVILLE

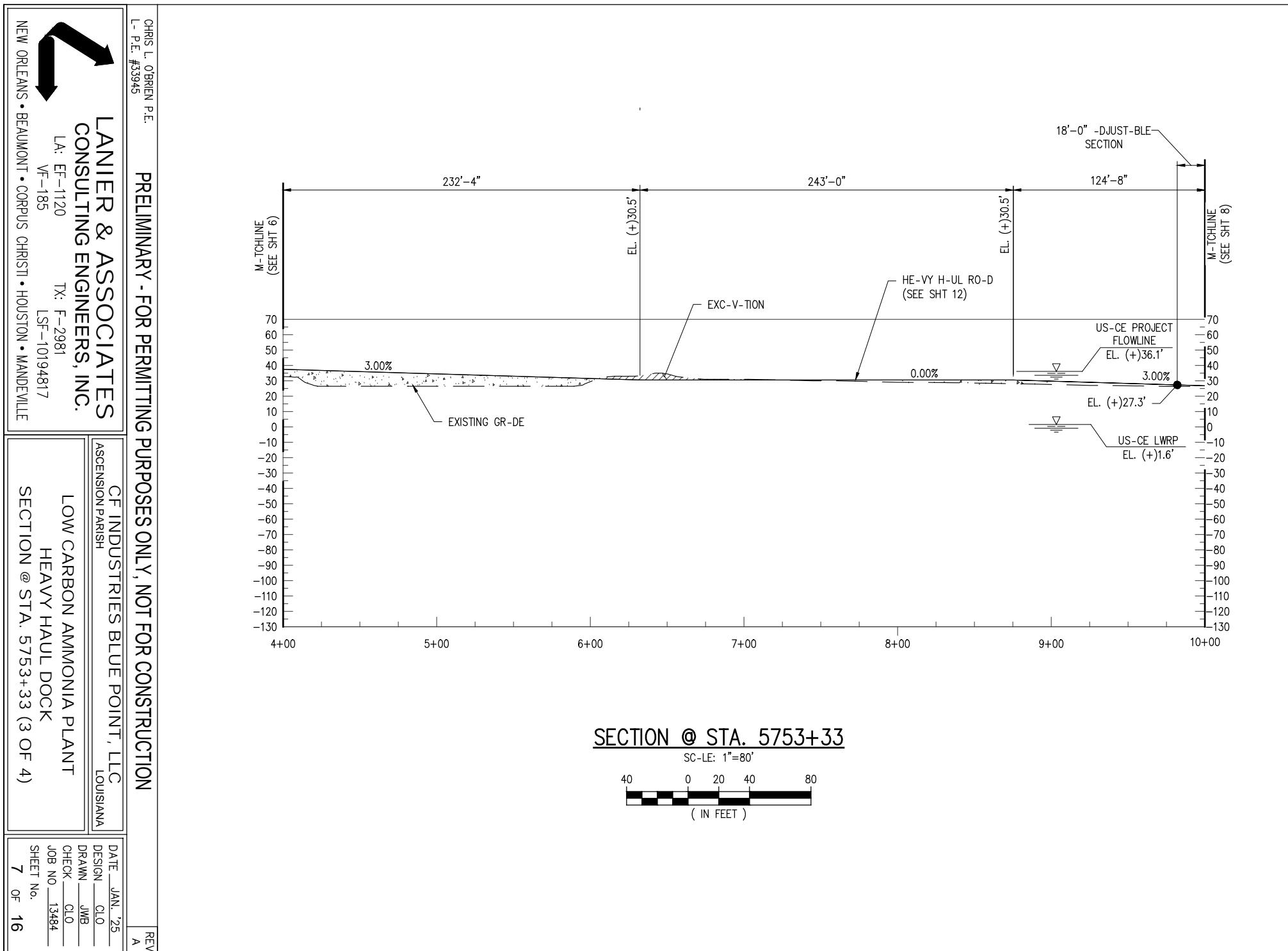
CF INDUSTRIES BLUE POINT, LLC  
ASCENSION PARISH LOUISIANA

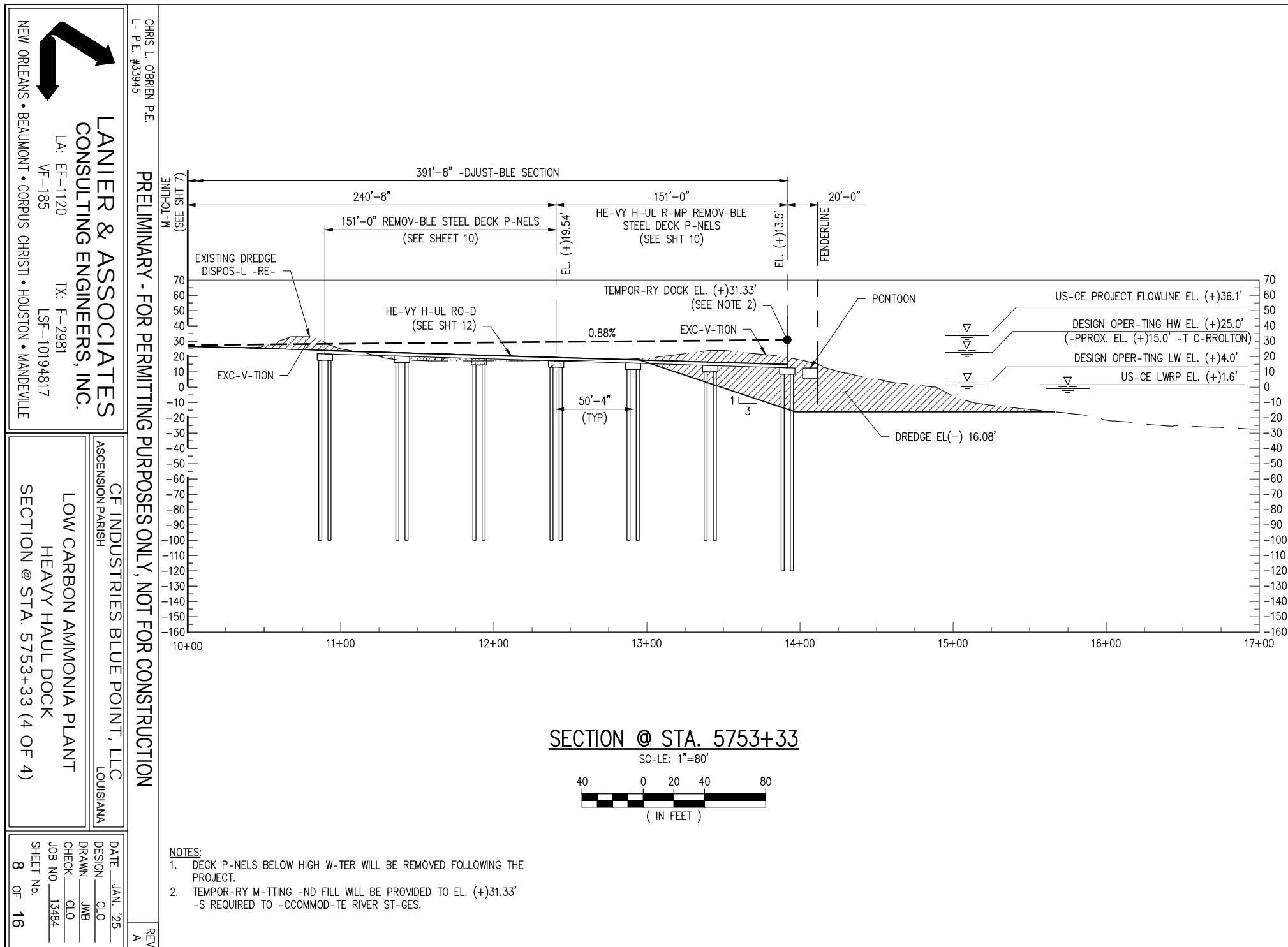
LOW CARBON AMMONIA PLANT  
HEAVY HAUL DOCK  
ENLARGED PLAN

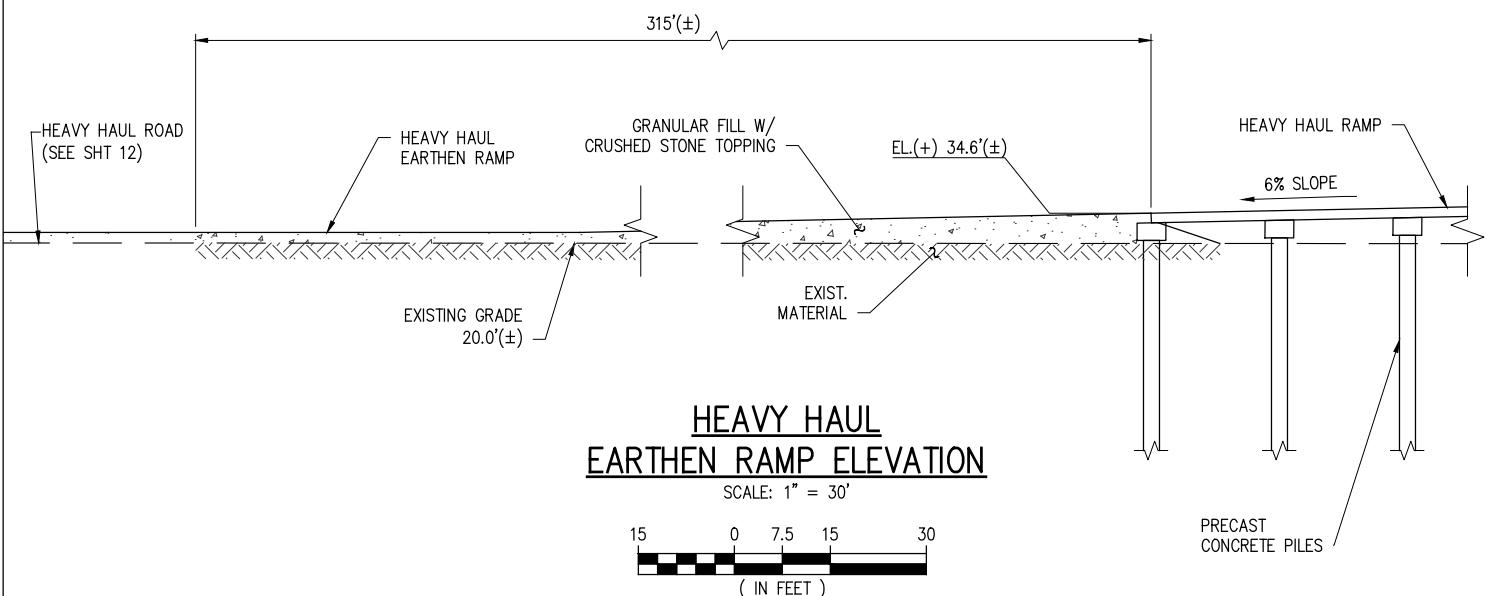
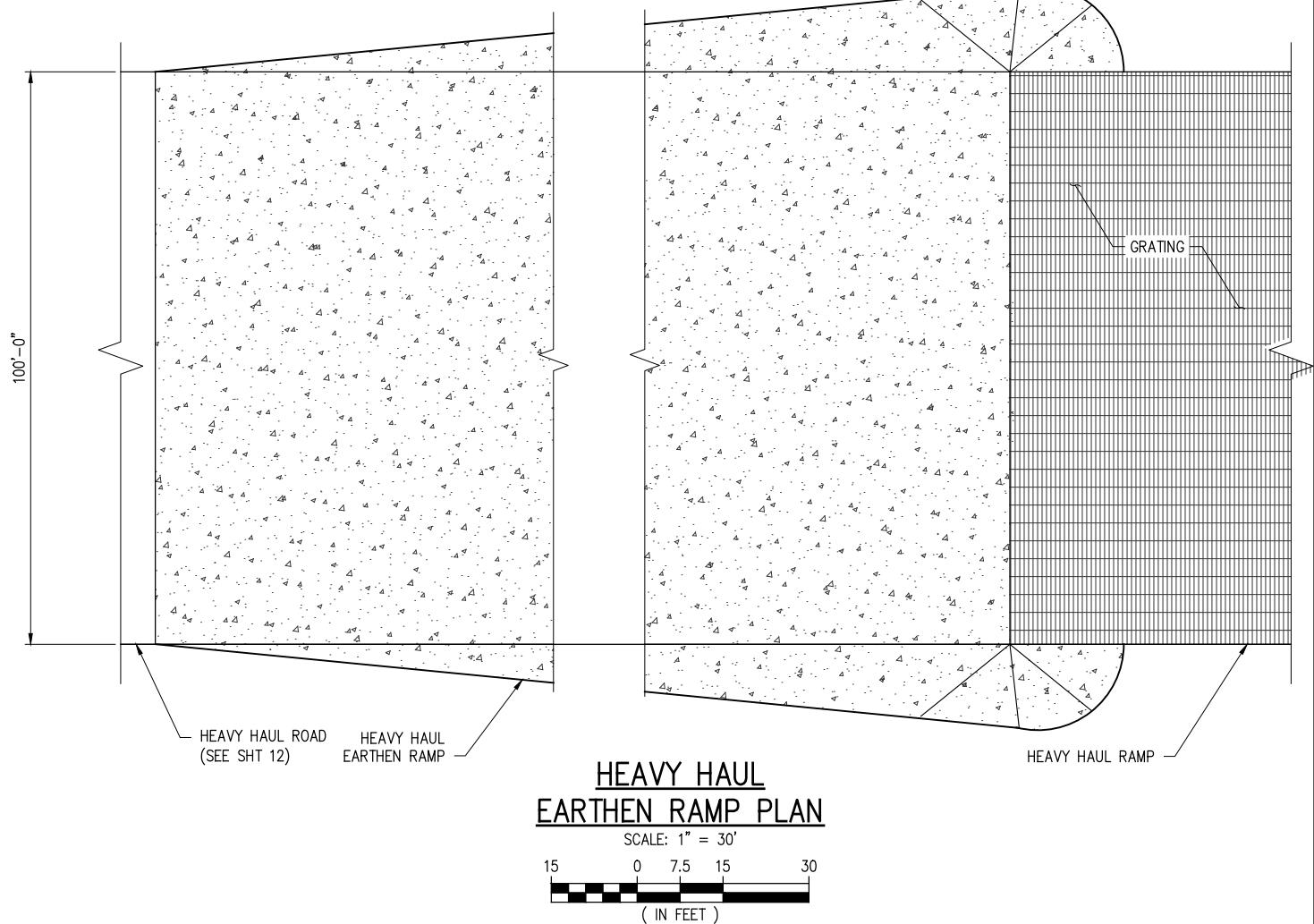
DATE JAN. '25  
DESIGN CLO  
DRAWN JWB  
CHECK CLO  
JOB NO. 13484  
SHEET No.  
4 OF 16











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VF-185 LSF-10194817

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CF INDUSTRIES BLUE POINT, LLC  
ASCENSION PARISH LOUISIANA

LOW CARBON AMMONIA PLANT  
HEAVY HAUL DOCK  
PROPOSED NEWW HEAVY HAUL STONE RAMP

DATE JAN. '25  
DESIGN CLO  
DRAWN JWB  
CHECK CLO  
JOB NO. 13484  
SHEET No.  
9 OF 16

CHRIS L. O'BRIEN P.E.  
L- P.E. #33945

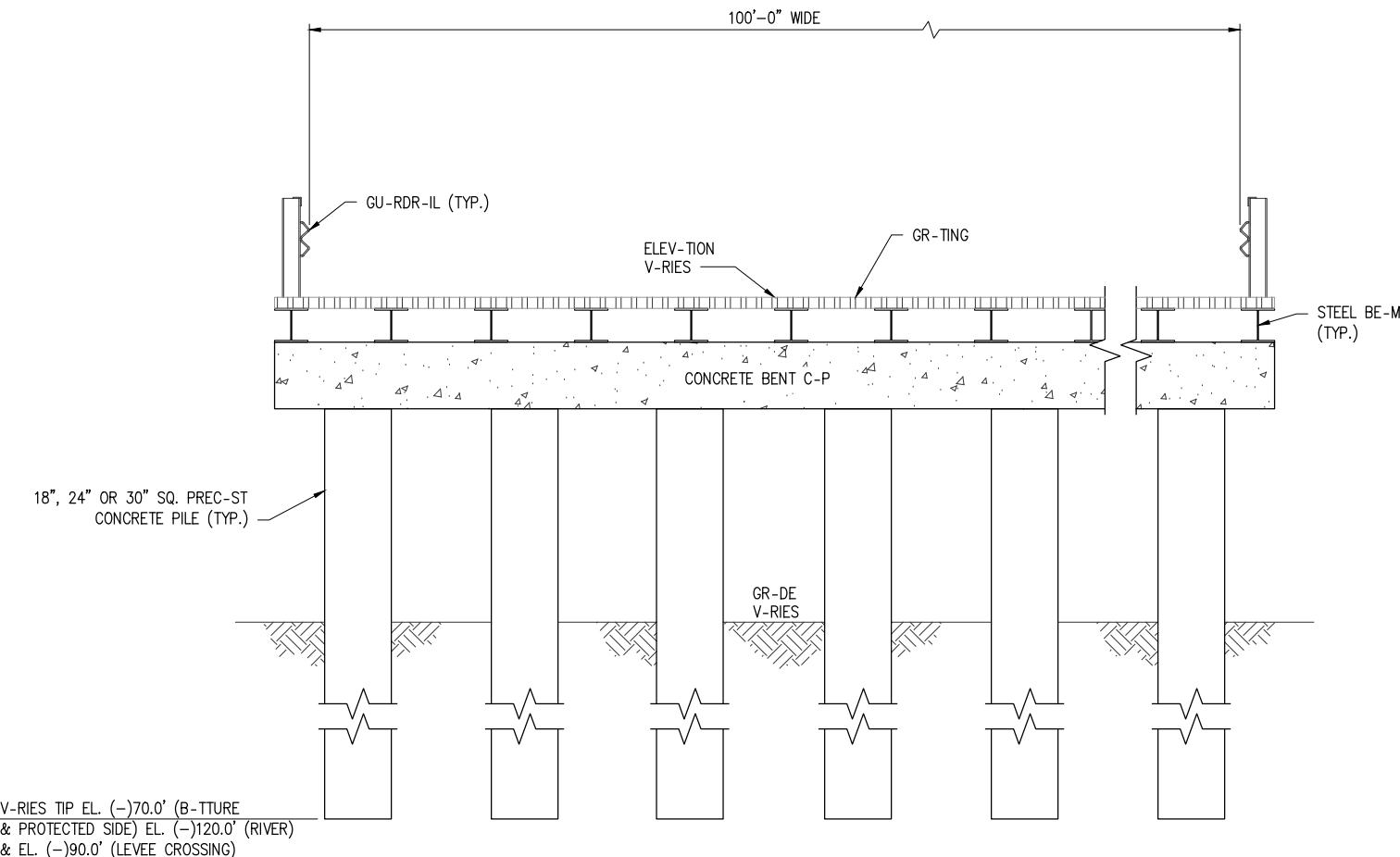
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TX: F-2981  
VF-185  
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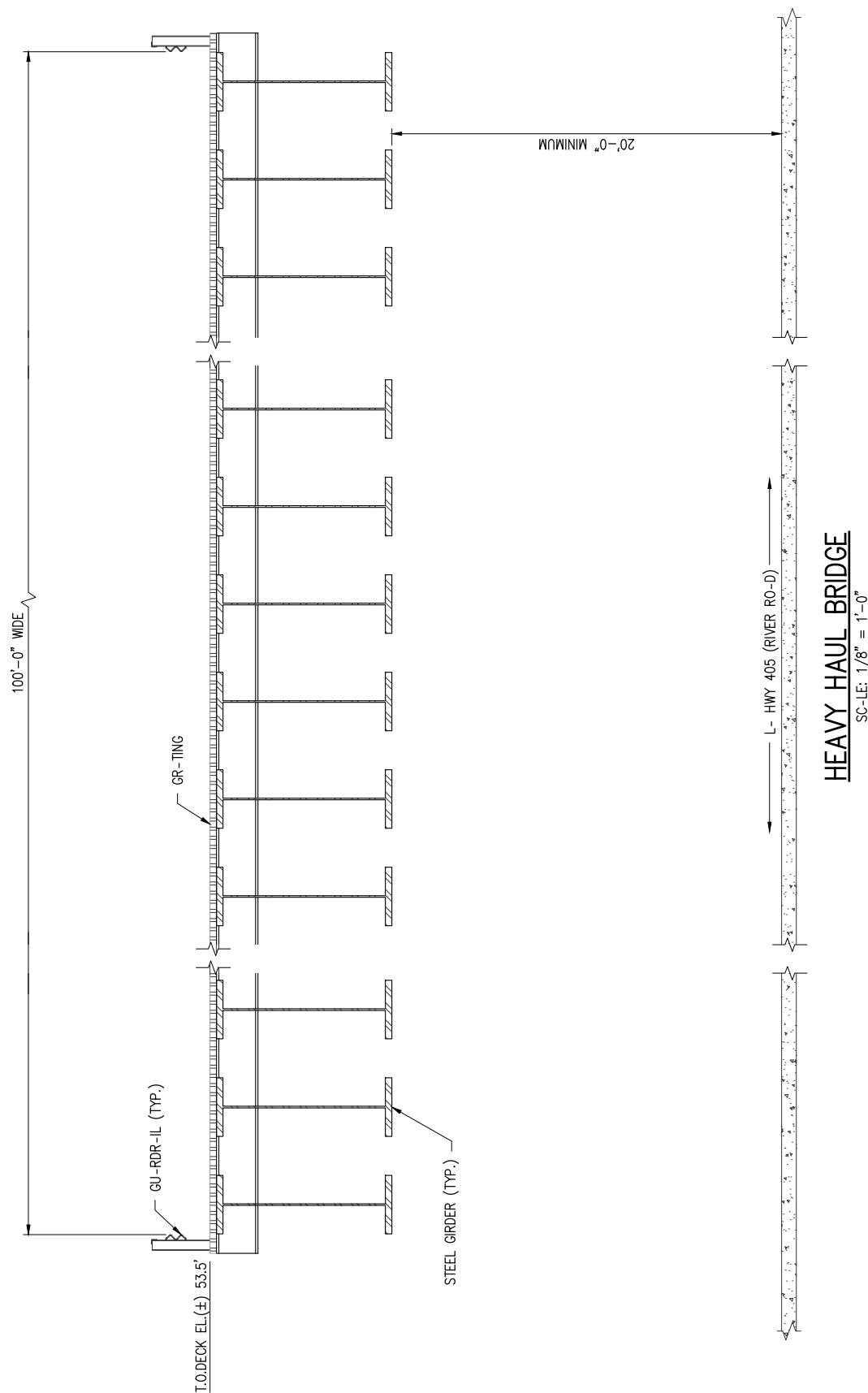
HEAVY HAUL RAMP TYPICAL BENT

SC-LE: 3/16" = 1'-0"

CF INDUSTRIES BLUE POINT, LLC  
ASCENSION PARISH  
LOUISIANA

LOW CARBON AMMONIA PLANT  
HEAVY HAUL RAMP

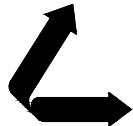
DATE JAN. 25  
DESIGN CLO  
DRAWN JWB  
CHECK CLO  
JOB NO 13484  
SHEET No. 10 OF 16



CHRIS L. O'BRIEN P.E.  
L. P.E. #33945

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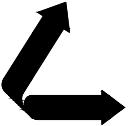
NEW ORLEANS • BEAUMONT • CORPUS CHRISTI • HOUSTON • MANDEVILLE

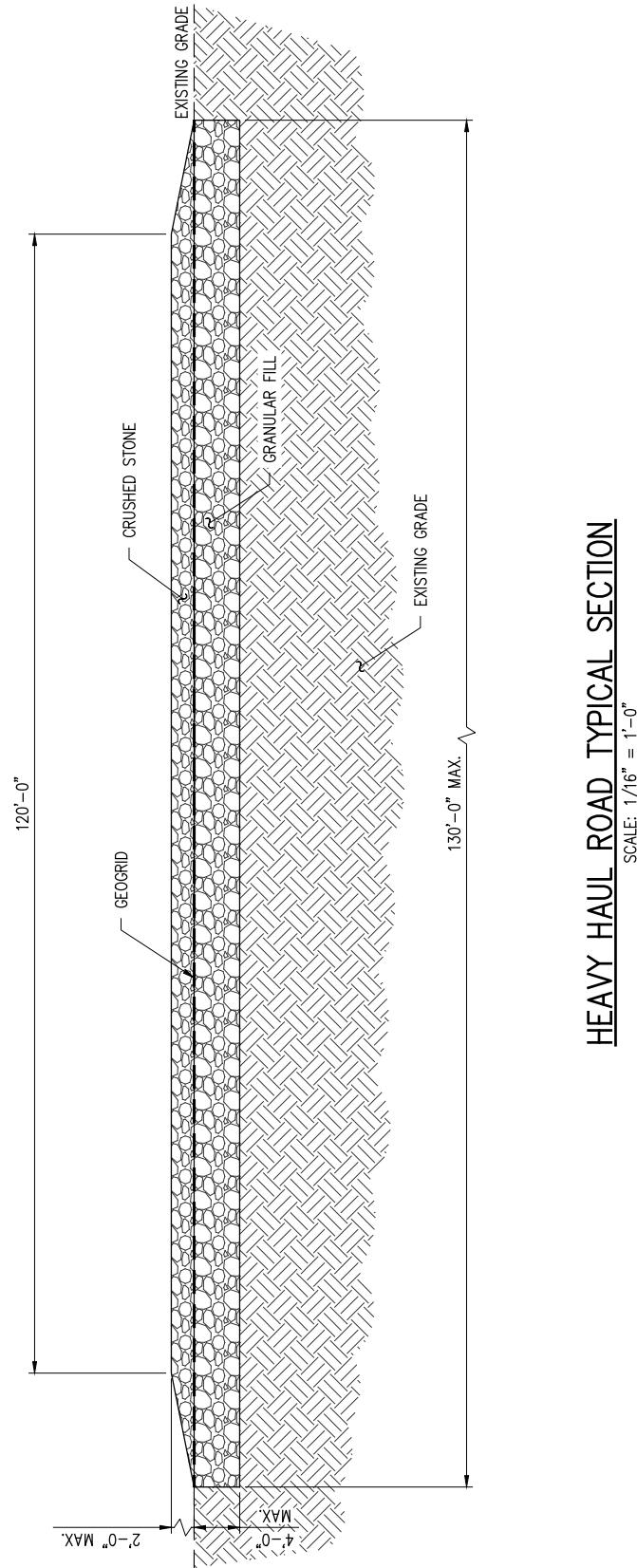
CF INDUSTRIES BLUE POINT, LLC  
ASCENSION PARISH LOUISIANA

LOW CARBON AMMONIA PLANT  
HEAVY HAUL DOCK  
HEAVY HAUL BRIDGE

DATE JAN. '25  
DESIGN CLO  
DRAWN JWB  
CHECK CLO  
JOB NO. 13484  
SHEET No.

11 OF 16

CHRIS L. O'BRIEN P.E. LA P.E. #33945	PRELIMINARY - FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION			REV A
 <b>LANIER &amp; ASSOCIATES CONSULTING ENGINEERS, INC.</b> LA: EF-1120 TX: F-2981 VF-185 LSF-10194817 NEW ORLEANS • BEAUMONT • CORPUS CHRISTI • HOUSTON • MANDEVILLE		CF INDUSTRIES BLUE POINT, LLC ASCENSION PARISH <b>LOW CARBON AMMONIA PLANT HEAVY HAUL DOCK</b> <b>HEAVY HAUL RROAD TYPICAL SECTION</b>		DATE JAN. '25 DESIGN CLO DRAWN JWB CHECK CLO JOB NO. 13484 SHEET No. 12 OF 16



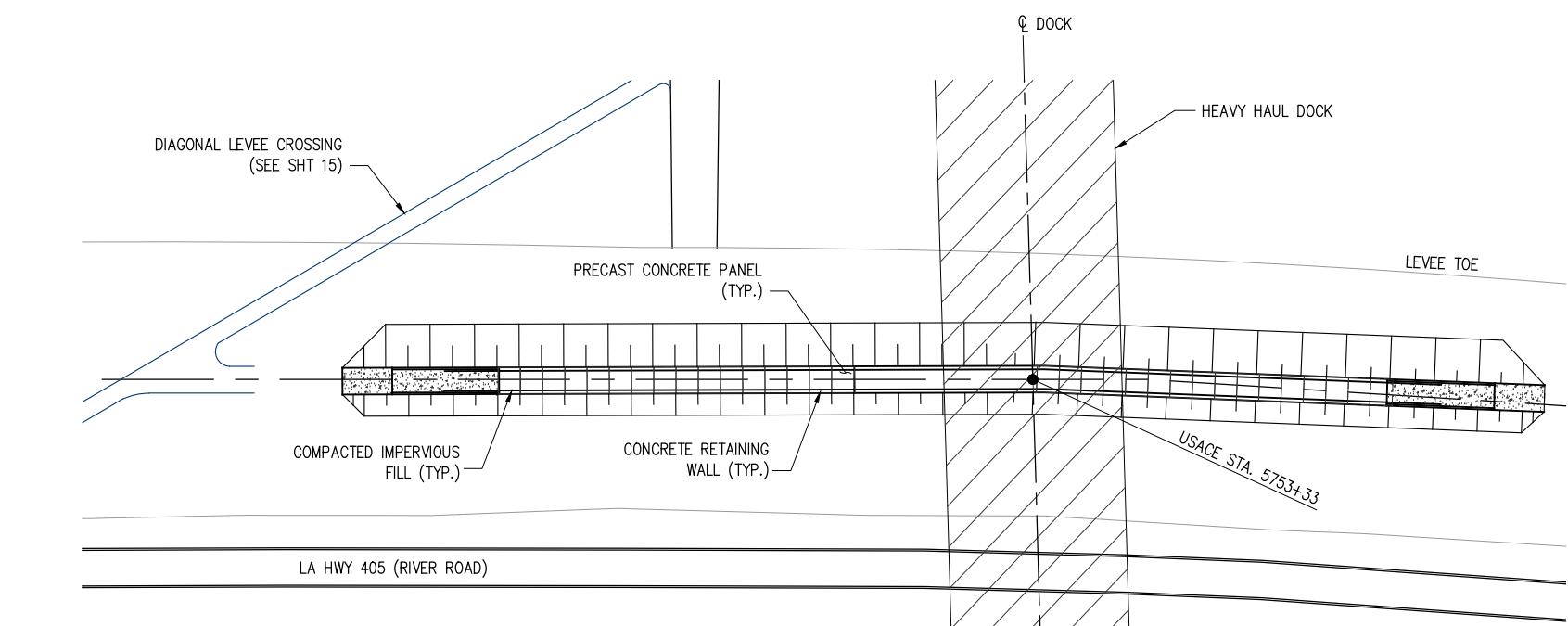
CHRIS L. O'BRIEN P.E.  
LA P.E. #33945

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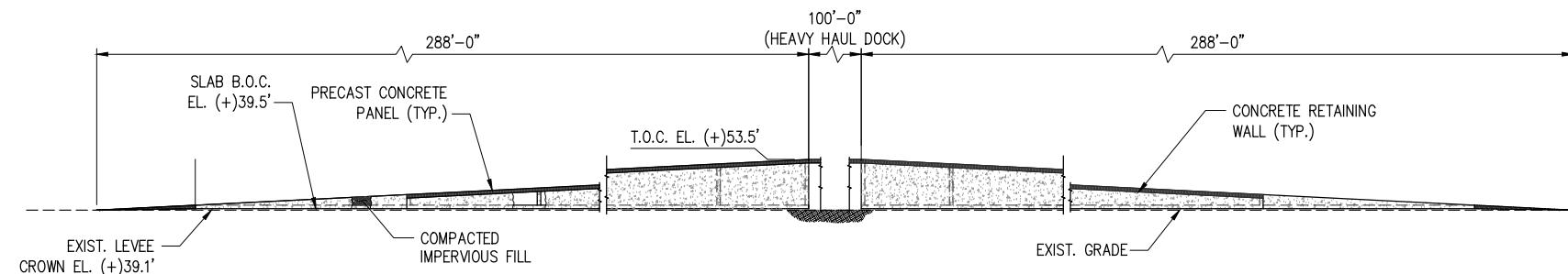
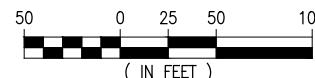
PRELIMINARY - FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION

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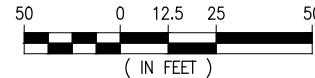
PROPOSED LEVEE ROAD CROSSING - ELEVATION

SCALE: 1" = 100'

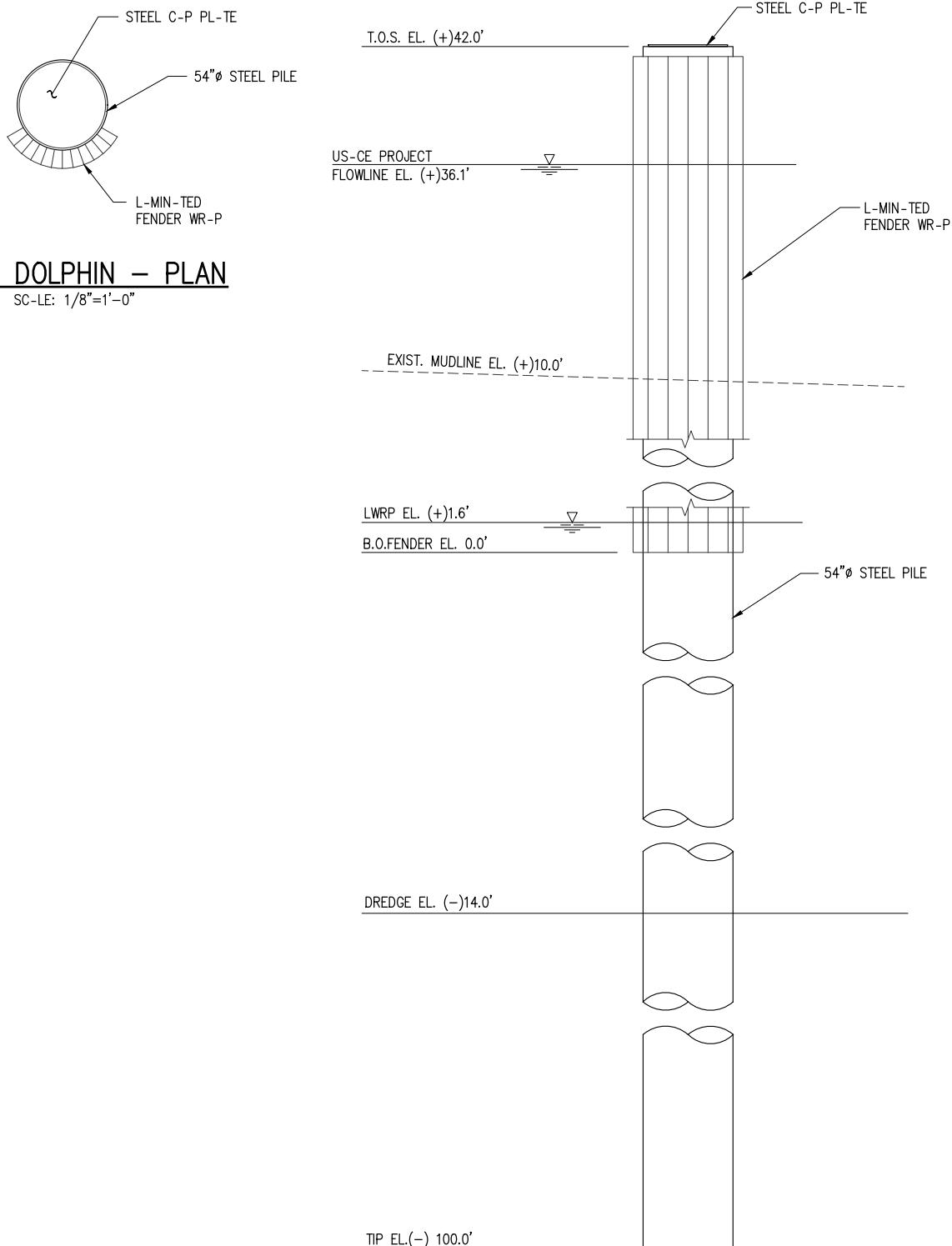


PROPOSED LEVEE ROAD CROSSING - ELEVATION

SCALE: 1" = 50'



DATE — JAN. 25  
DESIGN — CLO  
DRAWN — JWB  
CHECK — CLO  
JOB NO — 13484  
SHEET No.  
13 OF 16



### BARGE DOLPHIN – ELEVATION

SC-LE: 1/8"=1'-0"  
(8 REQUIRED)

CHRIS L. O'BRIEN P.E.  
L- P.E. #33945

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LA: EF-1120  
VF-185

TX: F-2981  
LSF-10194817

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CF INDUSTRIES BLUE POINT, LLC

ASCENSION PARISH LOUISIANA

LOW CARBON AMMONIA PLANT  
HEAVY HAUL DOCK  
BARGE DOLPHIN PLAN & ELEVATION

DATE JAN. '25

DESIGN CLO

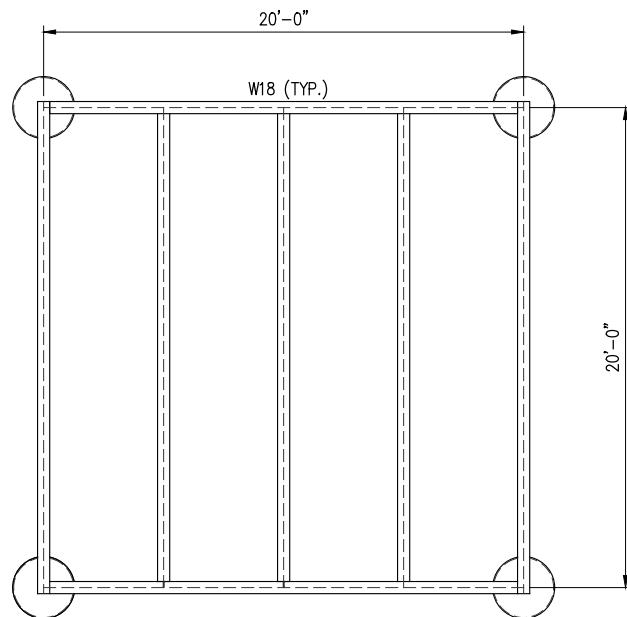
DRAWN JWB

CHECK CLO

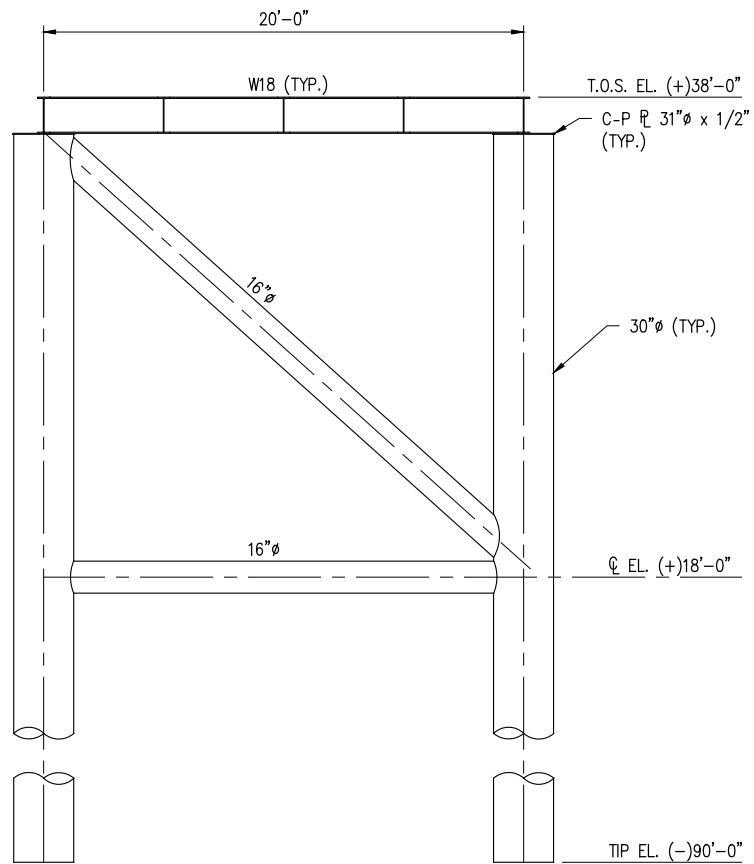
JOB NO. 13484

SHEET No.

14 OF 16

WINCH PLATFORM PLAN

SC-LE: 1/8" = 1'-0"

WINCH PLATFORM ELEVATION

SC-LE: 1/8" = 1'-0"

CHRIS L. O'BRIEN P.E.  
L. P.E. #33945

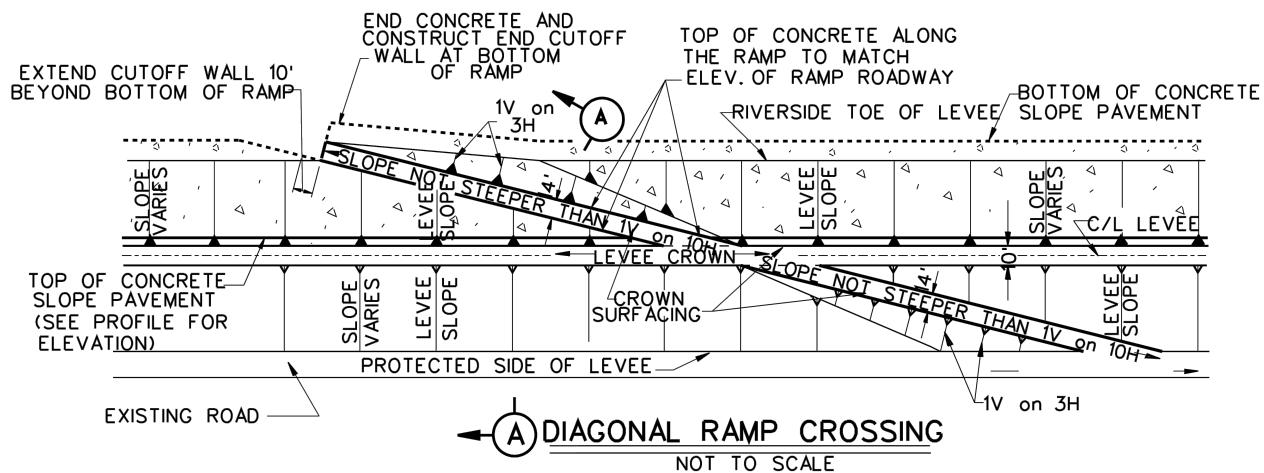
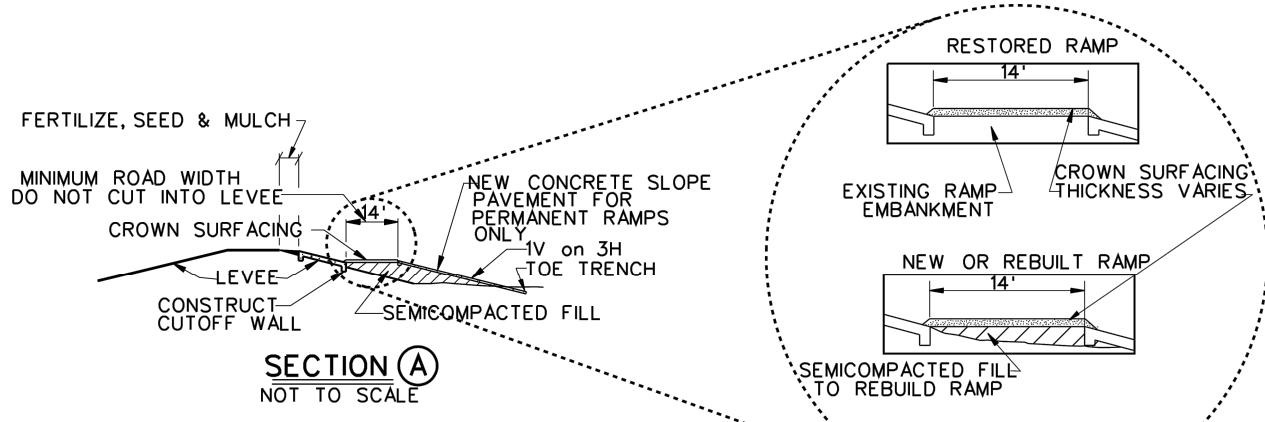
PRELIMINARY - FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION

REV  
ALANIER & ASSOCIATES  
CONSULTING ENGINEERS, INC.LA: EF-1120 TX: F-2981  
VF-185 LSF-10194817

NEW ORLEANS • BEAUMONT • CORPUS CHRISTI • HOUSTON • MANDEVILLE

CF INDUSTRIES BLUE POINT, LLC ASCENSION PARISH	LOUISIANA
LOW CARBON AMMONIA PLANT HEAVY HAUL DOCK	
WINCH PLATFORM PLAN & ELEVATION	

DATE	JAN. '25
DESIGN	CLO
DRAWN	JWB
CHECK	CLO
JOB NO.	13484
SHEET No.	
15 OF 16	



REFERENCE US-CE DR-WING:  
PIPE LINE CROSSINGS OVER LEVEES -ND FLOODW-LLS  
SURF-CE CROSSINGS TYPIC-L OF RIVER LEVEES  
FILE NUMBER H-8-29027, DR-WING 6 OF 9

CHRIS L. O'BRIEN P.E.  
L. P.E. #33945

PRELIMINARY - FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION

REV A



LANIER & ASSOCIATES  
CONSULTING ENGINEERS, INC.

LA: EF-1120  
VF-185

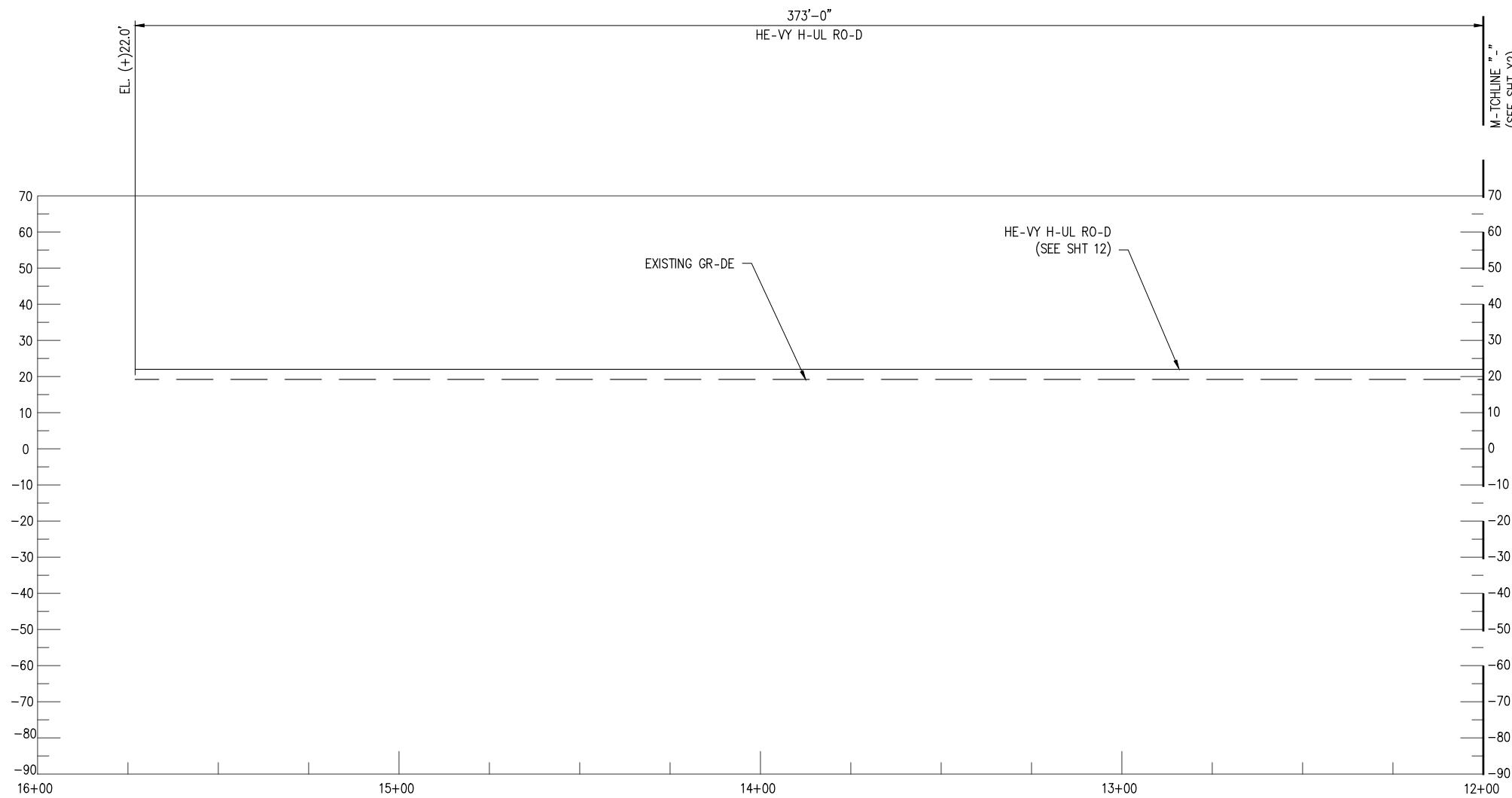
TX: F-2981  
LSF-10194817

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ASCENSION PARISH LOUISIANA

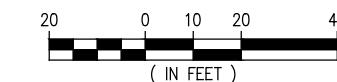
LOW CARBON AMMONIA PLANT  
HEAVY HAUL DOCK  
USACE LEVEE RAMP CROSSING DETAILS

DATE	JAN. '25
DESIGN	CLO
DRAWN	JWB
CHECK	CLO
JOB NO.	13484
SHEET No.	
16 OF 16	



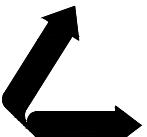
SECTION @ STA. 5753+33

SC-LE: 1'=40'



CHRIS L. O'BRIEN P.E.  
L- PE #3945

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 LA: EF-1120 TX: F-2981  
 VF-185 LSF-10194817  
 NEW ORLEANS • BEAUMONT • CORPUS CHRISTI • HOUSTON • MANDEVILLE

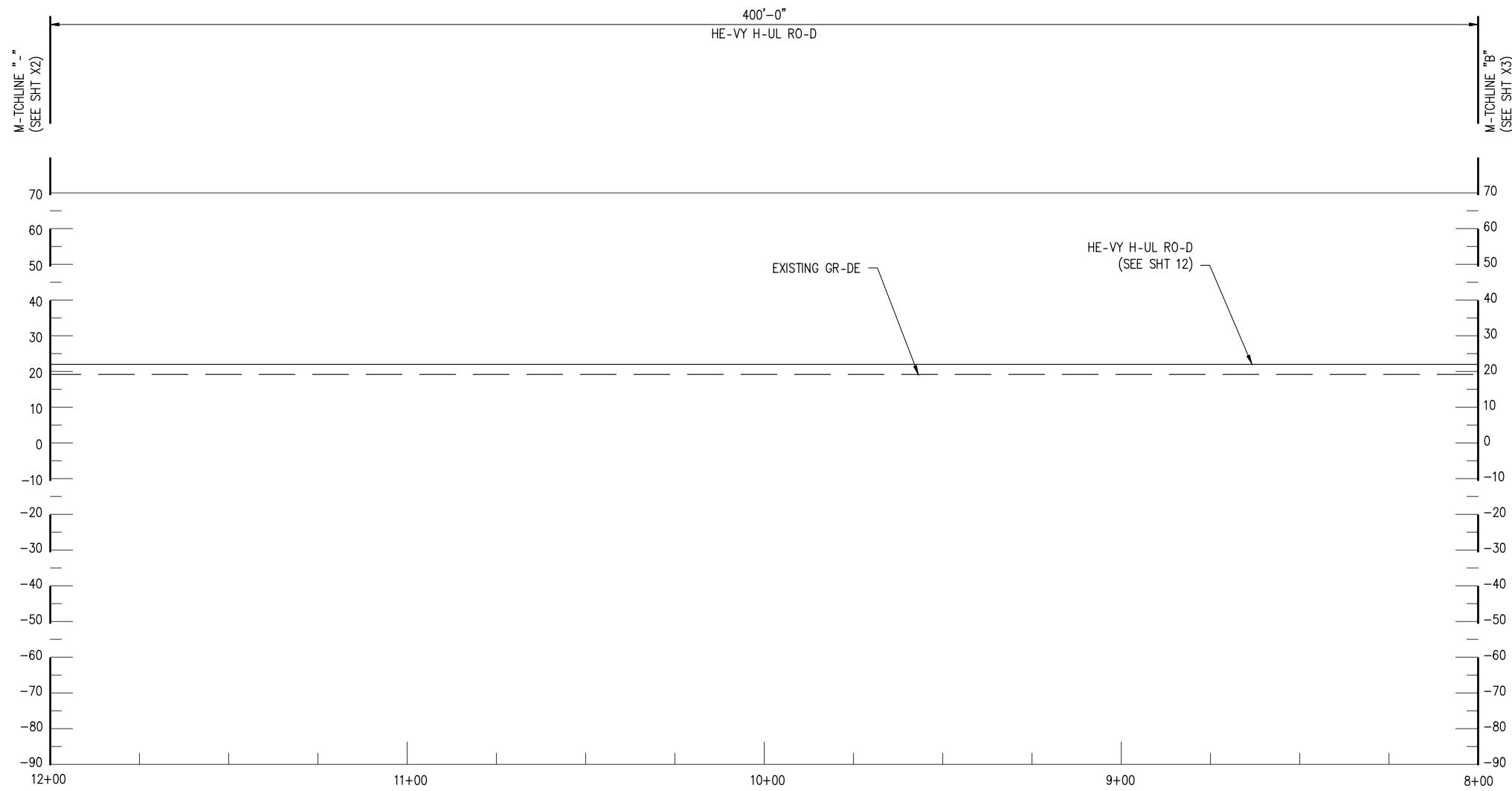
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PURPOSES.

DATE JAN. '25  
SHT SIZE 11"x17"  
DESIGN CLO  
DRAWN JWB  
CHECK CLO  
APPR'D CLO  
JOB NO 13484

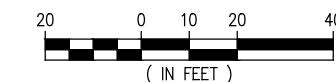
CF INDUSTRIES BLUE POINT, LLC  
ASCENSION PARISH  
  
LOW CARBON AMMONIA PLANT  
HEAVY HAUL DOCK  
SECTION @ STA. 5753+33 (1 OF 6)

SHEET NO.  
**X1**



SECTION @ STA. 5753+33

SC-LE: 1'=40'



CHRIS L. O'BRIEN P.E.  
L- PE #3945

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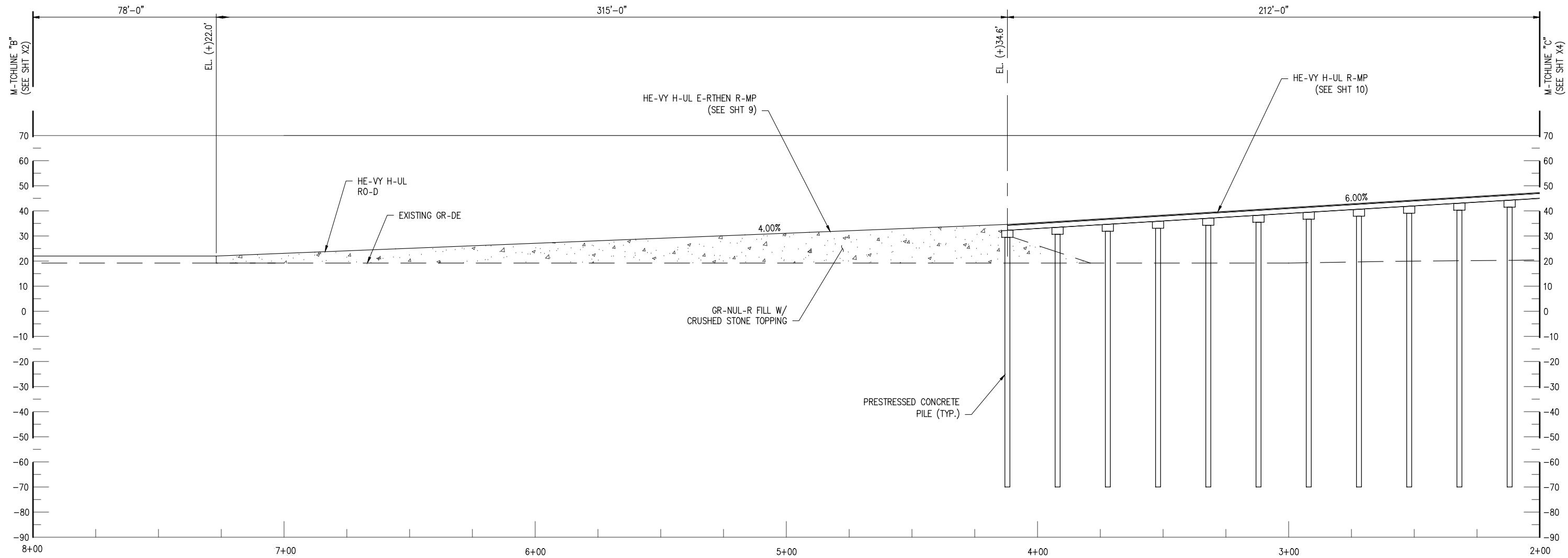
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DATE JAN. '25  
SHT SIZE 11"x17"  
DESIGN CLO  
DRAWN JWB  
CHECK CLO  
APPR'D CLO  
JOB NO 13484

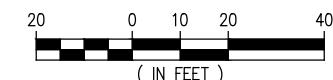
CF INDUSTRIES BLUE POINT, LLC  
ASCENSION PARISH  
LOW CARBON AMMONIA PLANT  
HEAVY HAUL DOCK  
SECTION @ STA. 5753+33 (2 OF 6)

SHEET NO.  
X1



SECTION @ STA. 5753+33

SC-LE: 1"=40'



CHRIS L. O'BRIEN P.E.  
L- PE #33945

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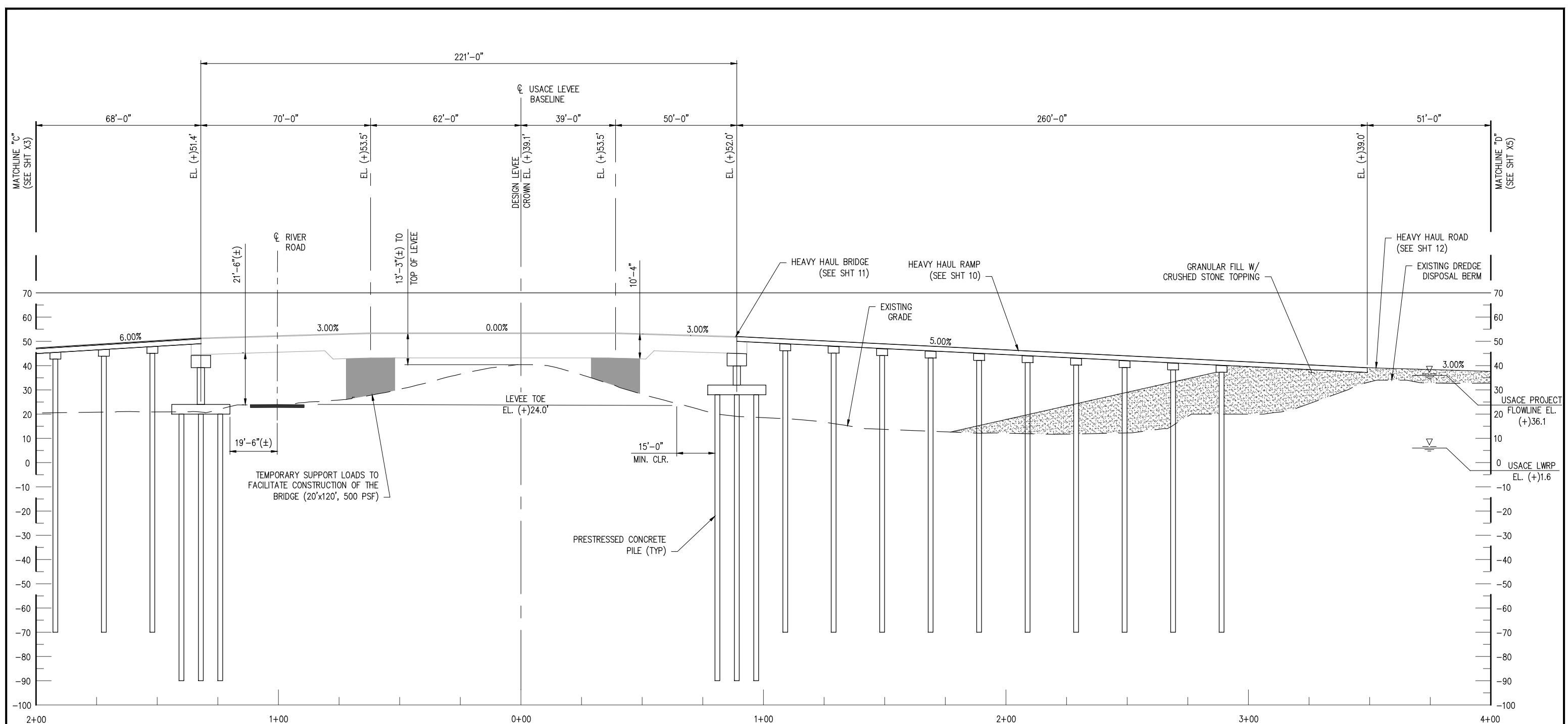
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DATE JAN. '25  
SHT SIZE 11"x17"  
DESIGN CLO  
DRAWN JWB  
CHECK CLO  
APPR'D CLO  
JOB NO 13484

CF INDUSTRIES BLUE POINT, LLC  
ASCENSION PARISH  
LOW CARBON AMMONIA PLANT  
HEAVY HAUL DOCK  
SECTION @ STA. 5753+33 (3 OF 6)

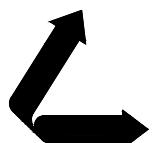
SHEET NO.  
**X1**



SECTION @ STA. 5753+33

SCALE: 1"=40

( IN FFT )



# LANIER & ASSOCIATES CONSULTING ENGINEERS, INC.

LA: EF-1120  
VF-185

TX: F-29  
LSF=

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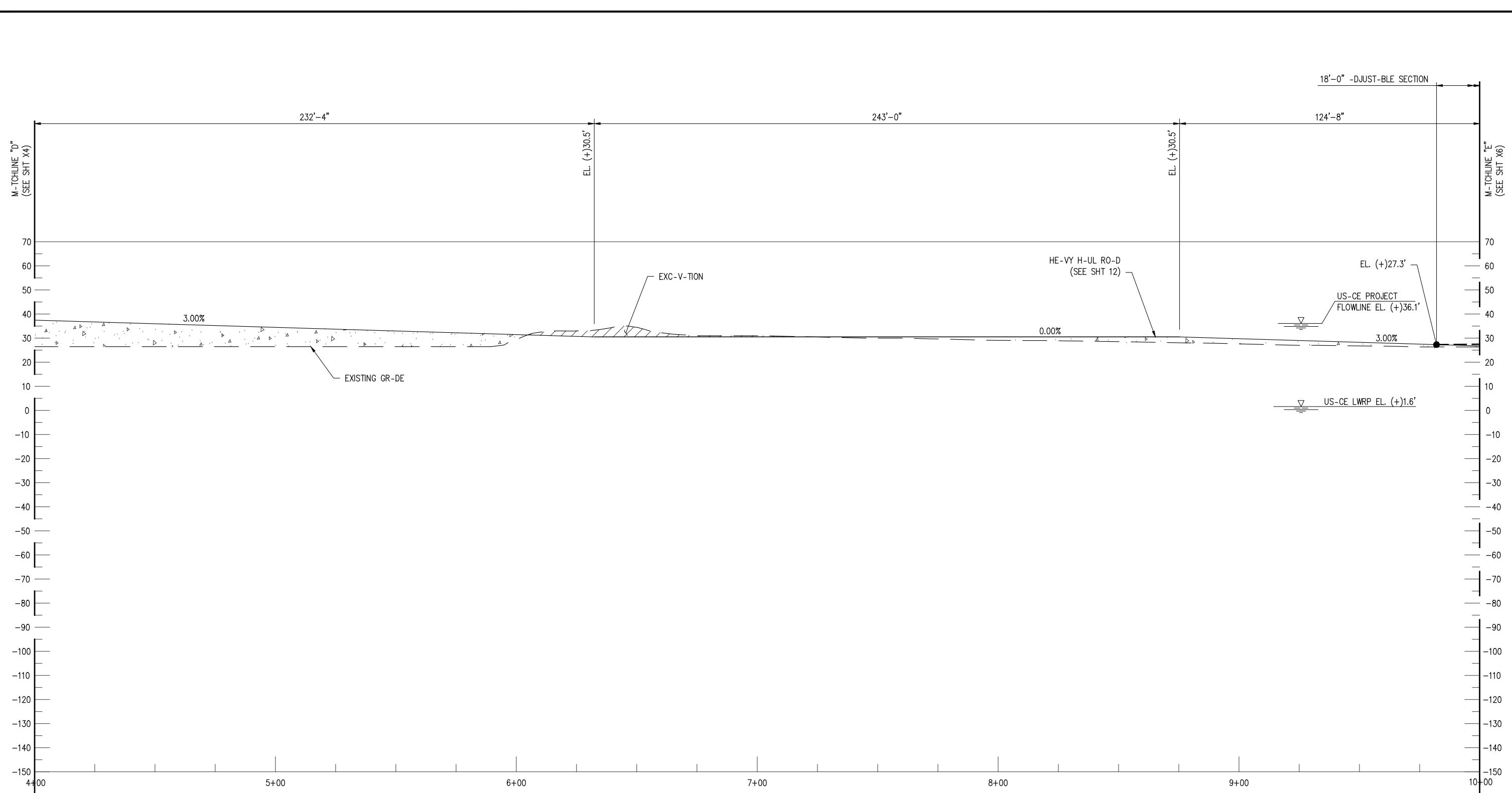
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OR CONSTRUCTION  
PURPOSES.

DATE	JAN. '25
SHT SIZE	11"x17"
DESIGN	CLO
DRAWN	JWB
CHECK	CLO
APPR'D	CLO
JOB NO.	13484

PRELIMINARY - FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION

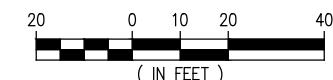
LOW CARBON AMMONIA PLANT  
HEAVY HAUL DOCK  
SECTION @ STA. 5753+33 (4 OF 6)

SHEET NO.  
X1



SECTION @ STA. 5753+33

SC-LE: 1"=40'



CHRIS L. O'BRIEN P.E.  
L- PE #3945

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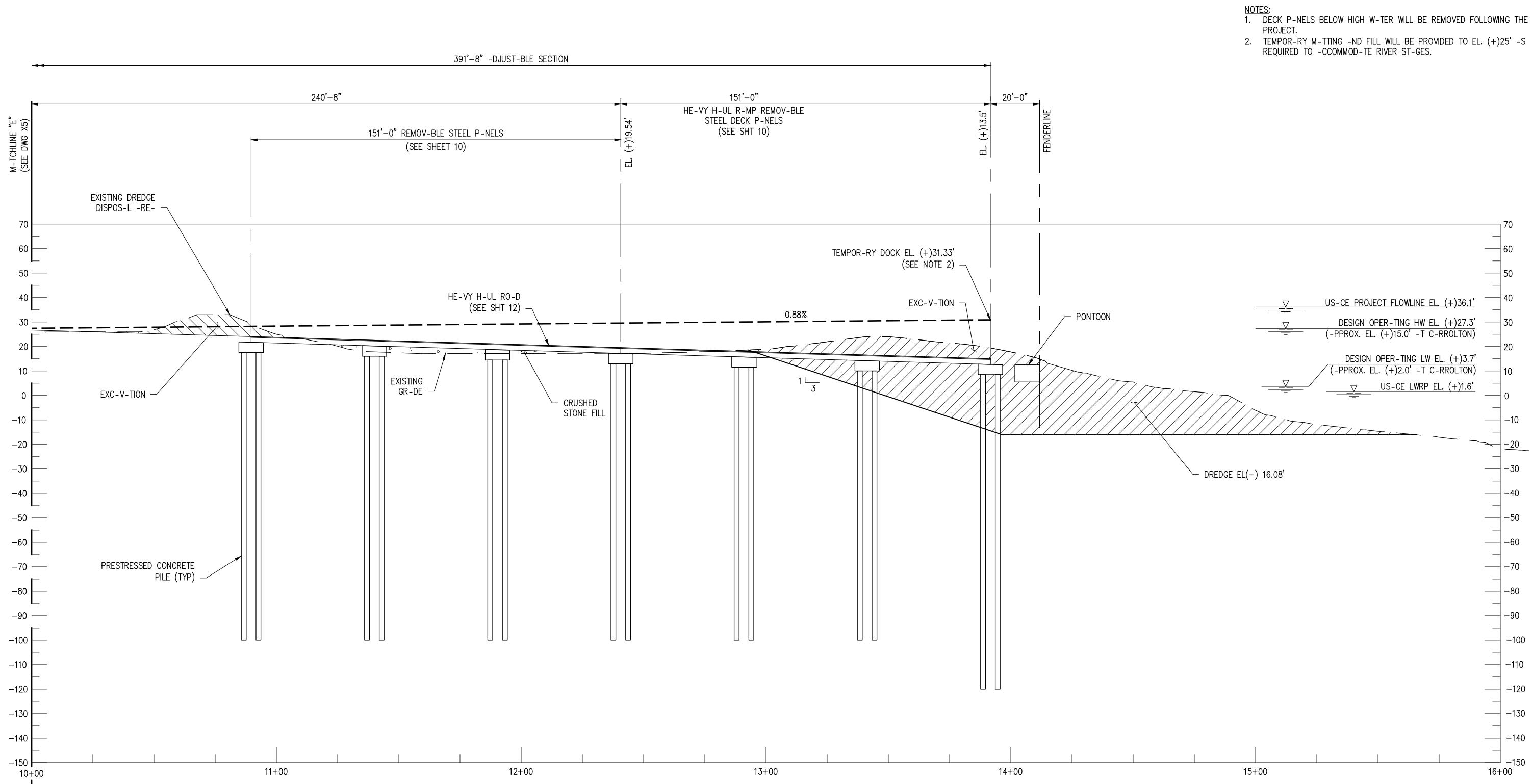
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PURPOSES.

DATE JAN. '25  
SHT SIZE 11"x17"  
DESIGN CLO  
DRAWN JWB  
CHECK CLO  
APPR'D CLO  
JOB NO 13484

CF INDUSTRIES BLUE POINT, LLC  
ASCENSION PARISH  
LOW CARBON AMMONIA PLANT  
HEAVY HAUL DOCK  
SECTION @ STA. 5753+33 (5 OF 6)

SHEET NO.  
**X1**



SECTION @ STA. 5753+33

SC-LE: 1"=40'

( IN FFT )



# LANIER & ASSOCIATES CONSULTING ENGINEERS, INC.

LA: EF-1120  
VF-185

TX: F-29  
LSF-

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PURPOSES

L- PE #33945  
DATE JAN. '25  
SHT SIZE 11" x 17"  
DESIGN CLO  
DRAWN JWB  
CHECK CLO  
APPR'D CLO  
127-14 17484

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CF INDUSTRIES BLUE POINT, LLC  
CENSUS PARISH LOUISIANA

LOW CARBON AMMONIA PLANT  
HEAVY HAUL DOCK  
SECTION @ STA. 5753+33 (6 OF 6)

SHEET NO.

x1