



DEPARTMENT OF THE ARMY  
CORPS OF ENGINEERS, NEW ORLEANS DISTRICT  
7400 LEAKE AVE  
NEW ORLEANS LA 70118-3651

FEB 27 2019

Operations Division  
Western Evaluation Section

**SUBJECT:** MVN-2014-1349-WJJ

Coastal Protection and Restoration Authority  
P.O. Box 44027  
Baton Rouge, Louisiana 70804

Gentlemen:

The proposed work, to excavate and deposit fill within inland areas to create and nourish 708 acres of wetlands for the Cameron Meadows Marsh Creation and Terracing Project (CS-0066), located west of Cameron Meadows Oil Field Road in southwest Cameron Parish, Louisiana (29.80479, -93.6474), as shown on the enclosed drawings, is authorized under **Category II** of the **Programmatic General Permit** provided that all conditions of the permit are met.

In addition to the enclosed standard PGP conditions dated May 16, 2017, the following special conditions are made part of this authorization:

1. The permittee is responsible for ensuring that all contractors and/or workers associated with project construction and implementation, are equally aware of the authorized plans, conditions, and/or restrictions associated with this approval.
2. All work shall be done in accordance with the approved plans and confined to the permitted work area(s) represented within the attached drawings. If the project requires modifications to the authorized plan, the permittee shall contact this office to obtain a permit amendment and/or review and decision on the plans, prior to commencement of those alterations.
3. The (attached) Standard Manatee Conditions for In-Water Activities are hereby made a part of this authorization.
4. Impacts to existing wetlands during construction access shall be avoided to the greatest extent possible. Any inadvertent temporary impacts to wetlands shall be immediately restored to pre-project conditions and contours following work within that area, and/or upon project completion. Authorized staging areas and air bridge crossings in wetlands will be restored to pre-project conditions following the point of time in which there is no longer a need for those areas to construct, manage and/or monitor the project.

This authorization has a blanket water quality certification from the Louisiana Department of Environmental Quality (DEQ); therefore, no additional authorization from DEQ is required.

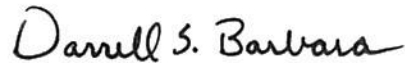
However, prior to commencing work on your project, you must obtain approvals from state and local agencies as required by law and by the terms of this permit. These approvals include, but are not limited to, a permit, consistency determination or determination of "no direct or significant impact (NDSI) on coastal waters" from the Louisiana Department of Natural Resources, Office of Coastal Management.

This approval to perform work is valid for 5 years from the date of this letter.

Permittee is aware that this office may reevaluate its decision on this permit at any time the circumstances warrant.

Should you have any further questions concerning this matter, please contact Mr. Bobby Quebedeaux with this office at (504) 862-2224 or at [bobby.d.quebedeaux@usace.army.mil](mailto:bobby.d.quebedeaux@usace.army.mil).

Sincerely,

A handwritten signature in black ink that reads "Darrell S. Barbara". The signature is written in a cursive style with a large, looped 'D' and a trailing flourish.

for Martin S. Mayer  
Chief, Regulatory Branch

Enclosures

## **STANDARD MANATEE CONDITIONS FOR IN-WATER ACTIVITIES**

During in-water work in areas that potentially support manatees, all personnel associated with the project shall be instructed and aware of the potential presence of manatees, manatee speed zones, and the need to avoid collisions with, and injury to, manatee. All personnel shall be advised that there are civil and criminal penalties for harming, harassing, or killing manatees which are protected under the Marine Mammal Protection Act of 1972 and the Endangered Species Act of 1973. Additionally, personnel shall be instructed not to attempt to feed or otherwise interact with the animal.

All on-site personnel are responsible for observing water-related activities for the presence of manatee(s). To minimize potential impacts to manatees in areas of their potential presence, the permittee shall insure the following are adhered to:

- All work, equipment, and vessel operation shall cease if a manatee is spotted within a 50-foot radius (buffer zone) of the active work area. Once the manatee has left the buffer zone on its own accord (manatees must not be herded or harassed into leaving), or after 30 minutes have passed without additional sightings of manatee(s) in the buffer zone, in-water work can resume under careful observation for manatee(s).
- If a manatee(s) is sighted in or near the project area, all vessels associated with the project shall operate at "no wake/idle" speeds within the construction area and at all times while in waters where the draft of the vessel provides less than a four-foot clearance from the bottom. Vessels shall follow routes of deep water whenever possible.
- If used, siltation or turbidity barriers shall be properly secured, made of material in which manatees cannot become entangled, and be monitored to avoid manatee entrapment or impeding their movement.
- Temporary signs concerning manatees shall be posted prior to and during all in-water project activities and removed upon completion. Each vessel involved in construction activities shall display at the vessel control station or in a prominent location, visible to all employees operating the vessel, a temporary sign at least 8½" X 11" reading language similar to the following: "CAUTION BOATERS: MANATEE AREA/ IDLE SPEED IS REQUIRED IN CONSTRUCTION AREA AND WHERE THERE IS LESS THAN FOUR FOOT BOTTOM CLEARANCE WHEN MANATEE IS PRESENT". A second temporary sign measuring 8½" X 11" shall be posted at a location prominently visible to all personnel engaged in water-related activities and shall read language similar to the following: "CAUTION: MANATEE AREA/ EQUIPMENT MUST BE SHUTDOWN IMMEDIATELY IF A MANATEE COMES WITHIN 50 FEET OF OPERATION".
- Collisions with, injury to, or sightings of manatees shall be immediately reported to the U.S. Fish and Wildlife Service's, Louisiana Ecological Services Office (337/291-3100) and the Louisiana Department of Wildlife and Fisheries, Natural Heritage Program (225/765-2821). Please provide the nature of the call (i.e., report of an incident, manatee sighting, etc.); time of incident/sighting; and the approximate location, including the latitude and longitude coordinates, if possible.



1. Activities authorized under this general permit shall not be used for piecemeal work and shall be applied to single and complete projects. All components of a single and complete project shall be treated together as constituting one single and complete project. All planned phases of multi-phased projects shall be treated together as constituting one single and complete project. This general permit shall not be used for any activity that is part of an overall project for which an individual permit is required.
2. No activity is authorized under this general permit which may adversely affect significant cultural resources listed or eligible for listing in the National Register of Historic Places until the requirements for Section 106 of the National Historic Preservation Act are met. Upon discovery of the presence of previously unknown historic and/or prehistoric cultural resources, all work must cease and the permittee must notify the State Historic Preservation Office and the Corps of Engineers. The authorization is suspended until it is determined whether or not the activity will have an adverse effect on cultural resources. The authorization may be reactivated or modified through specific conditions if necessary, if it is determined that the activity will have no adverse effect on cultural resources. The PGP authorization will be revoked if it is determined that cultural resources would be adversely affected, and an individual permit may be necessary.
3. There shall be no unreasonable interference with navigation by the existence or use of the activity authorized herein. The permittee will, at his or her expense, install and maintain any safety lights, signals, and signs prescribed by the United States Coast Guard, through regulations or otherwise, on authorized facilities or on equipment used in performing work under the authorization.
4. No activity may substantially disrupt the movement of those species of aquatic life indigenous to the water body, including those species which normally migrate through the area, unless the activity's primary purpose is to block or impound water.
5. If the **authorized** activity involves the installation of aerial transmission lines, submerged cable, or submerged pipelines across navigable waters of the United States the following is applicable:

The National Ocean Service (NOS) has been notified of this authorization. You must notify NOS and this office in writing, at least two weeks before you begin work and upon completion of the activity authorized by this permit. Your notification of completion must include a drawing which certifies the location and configuration of the completed activity (a certified permit drawing may be used). Notification to NOS will be sent to the following address: National Ocean Service, Office of Coast Survey, N/CS261, 1315 East West Highway, Silver Spring, Maryland 20910-3282.



6. For pipelines under an anchorage or a designated fairway in the Gulf of Mexico the following is applicable: The NOS has been notified of this authorization. You must notify NOS and this office in writing, at least two weeks before you begin work and upon completion of the activity authorized by this permit. Within 30 days of completion of the pipeline, 'as built' drawings certified by a professional engineer registered in Louisiana or by a registered surveyor shall be furnished to this office, the Commander (dpw), Eighth Coast Guard District, Hale Boggs Federal Building, 500 Poydras Street, Room 1230, New Orleans, Louisiana 70130, and to the Director, National Ocean Service, Office of Coast Survey, N/CS261, 1315 East West Highway, Silver Spring, Maryland 20910-3282. The plans must include the location, configuration and actual burial depth of the completed pipeline project.

7. If the **authorized** project, or future maintenance work, involves the use of floating construction equipment (barge mounted cranes, barge mounted pile driving equipment, floating dredge equipment, dredge discharge pipelines, etc.) in the waterway, you are advised to notify the Eighth Coast Guard District so that a Notice to Mariners, if required, may be prepared. Notification with a copy of your permit approval and drawings should be mailed to the Commander (dpw), Eighth Coast Guard District, Hale Boggs Federal Building, 500 Poydras Street, Room 1230, New Orleans, Louisiana 70130, about 1 month before you plan to start work. Telephone inquiries can be directed to the Eighth Coast Guard District, Waterways Management at (504) 671-2107.

8. All activities authorized herein shall, if they involve, during their construction or operation, any discharge of pollutants into waters of the United States, be at all times consistent with applicable water quality standards, effluent limitations and standards of performance, prohibitions, pretreatment standards and management practices established pursuant to the Clean Water Act (PL 92-500:86 Stat 816), or pursuant to applicable state and local laws.

9. Substantive changes to the Louisiana Coastal Resources Program may require immediate suspension and revocation of this permit in accordance with 33 CFR 325.7.

10. Irrespective of whether a project meets the other conditions of this permit, the Corps of Engineers retains discretionary authority to require an individual Department of the Army permit when circumstances of the proposal warrant this requirement.

11. Any individual authorization granted under this permit may be modified, suspended, or revoked in whole or in part if the Secretary of the Army or his authorized representative determines that there has been a violation of any of the terms or conditions of this permit or that such action would otherwise be in the public interest.

12. The Corps of Engineers may suspend, modify, or revoke this general permit if it is found in the public interest to do so.

13. Activities proposed for authorization under the PGP must comply with all other necessary federal, state, and/or local permits, licenses, or approvals. Failure to do so would result in a violation of the terms and conditions of PGP.

14. The permittee shall permit the District Commander or his authorized representative(s) or designee(s) to make periodic inspections of the project site(s) and disposal site(s) if different from the project site(s) at any time deemed necessary in order to assure that the activity being performed under authority of this permit is in accordance with the terms and conditions prescribed herein.

15. This general permit does not convey any property rights, either in real estate or material, or any exclusive privileges; and it does not authorize any injury to property or invasion of rights or any infringement of federal, state, or local laws or regulations nor does it obviate the requirements to obtain state or local assent required by law for the activity authorized herein.

16. In issuing authorizations under this permit, the federal government will rely upon information and data supplied by the applicant. If, subsequent to the issuance of an authorization, such information and data prove to be false, incomplete, or inaccurate, the authorization may be modified, suspended, or revoked, in whole or in part.

17. For activities resulting in sewage generation at the project site, such sewage shall be processed through a municipal sewage treatment system or, in areas where tie-in to a municipal system is not practical, the on-site sewerage system must be approved by the local parish sanitarian before construction.

18. Any modification, suspension, or revocation of the PGP, or any individual authorization granted under this permit, will not be the basis for any claim for damages against the United States.

19. Additional conditions deemed necessary to protect the public interest may be added to the general permit by the District Commander at any time. If additional conditions are added, the public will be advised by public notice. Individual authorizations under the PGP may include special conditions deemed necessary to ensure minimal impact and compliance with the PGP.

20. The PGP is subject to periodic formal review by MVN and OCM in coordination with the Environmental Protection Agency, US Fish and Wildlife Service, the National Marine Fisheries Service, and the Louisiana Department of Wildlife and Fisheries. Comments from reviewing agencies will be considered in determination as to whether modifications to the general permit are needed. Should the District Commander make a determination not to incorporate a change proposed by a reviewing agency, after normal negotiations between the respective agencies, the District Commander will explain in writing to the reviewing agency the basis and rationale for his decision.

21. CEMVN retains discretion to review the PGP, its terms, conditions, and processing procedures, and decide whether to modify, reissue, or revoke the permit. If the PGP is not modified or reissued within 5 years of its effective date, it automatically expires and becomes null and void.



22. The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

23. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party as described in Special Condition 25 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.

24. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and State coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

25. If you sell the property associated with this permit, you must provide this office with a copy of the permit and a letter noting your agreement to transfer the permit to the new owner and the new owner's agreement to accept the permit and abide by all conditions of the permit. This letter must be signed by both parties.

26. Many local governing bodies have instituted laws and/or ordinances in order to regulate dredge and/or fill activities in floodplains to assure maintenance of floodwater storage capacity and avoid disruption of drainage patterns that may affect surrounding properties. Your project involves dredging and/or placement of fill; therefore, you must contact the local municipal and/or parish governing body regarding potential impacts to floodplains and compliance of your proposed activities with local floodplain ordinances, regulations or permits.

27. In issuing authorizations under this permit, the federal government does not assume any liability for: damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes; damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest; damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit, and; design or construction deficiencies associated with the permitted work.

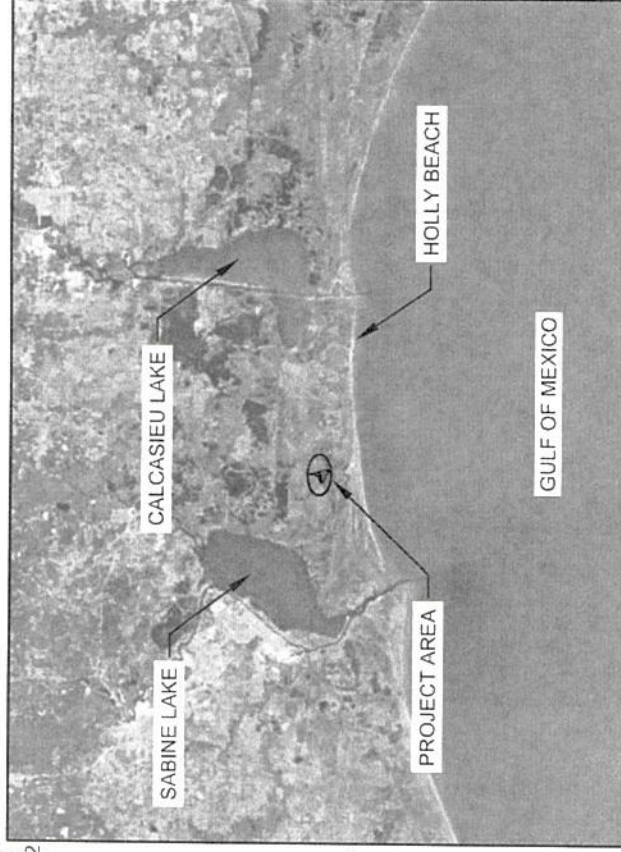
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## STATE OF LOUISIANA COASTAL PROTECTION AND RESTORATION AUTHORITY

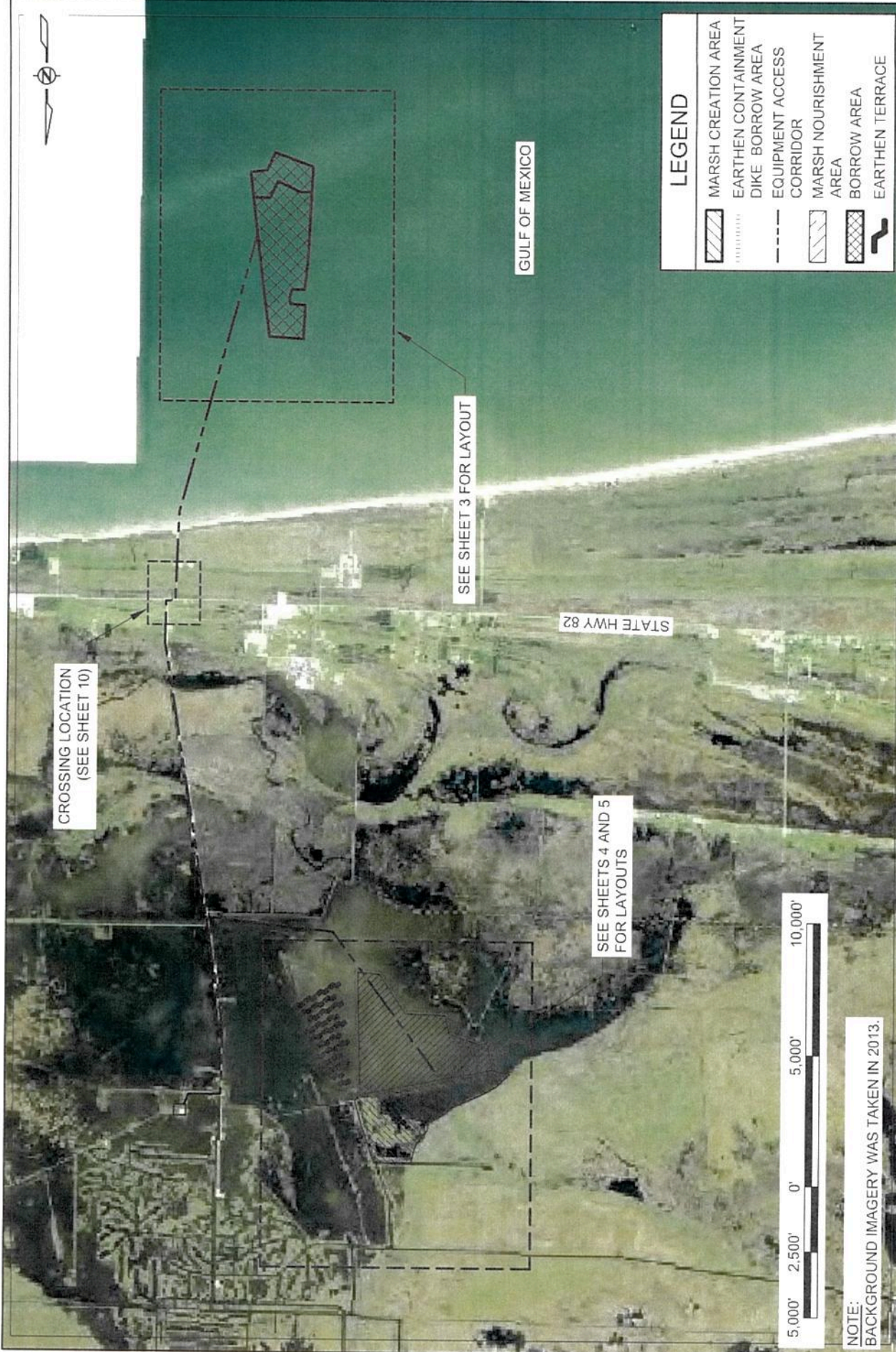
### CAMERON MEADOWS MARSH CREATION AND TERRACING CS-0066 CAMERON PARISH



**FOR PERMITTING ONLY**  
DOCUMENTS ARE NOT TO BE USED FOR  
CONSTRUCTION, BIDDING, RECORDATION,  
CONVEYANCE, OR SALES.

<p>APPLICATION BY: COASTAL PROTECTION &amp; RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LA 70802</p>	<p><b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802</p>	<p>CAMERON MEADOWS MARSH CREATION AND TERRACING</p>	<p>TITLE SHEET</p>
<p>DRAWN BY: SHANE FAUST</p>	<p>DESIGNED BY: TYE FITZGERALD, P.E. - PE.0038153</p>	<p>STATE PROJECT NUMBER: CS-0066 APPROVED BY: RUDY SIMONEAUX, P.E.</p>	<p>DATE: JULY 2018 SHEET 1 OF 36</p>





NOTE:  
BACKGROUND IMAGERY WAS TAKEN IN 2013.

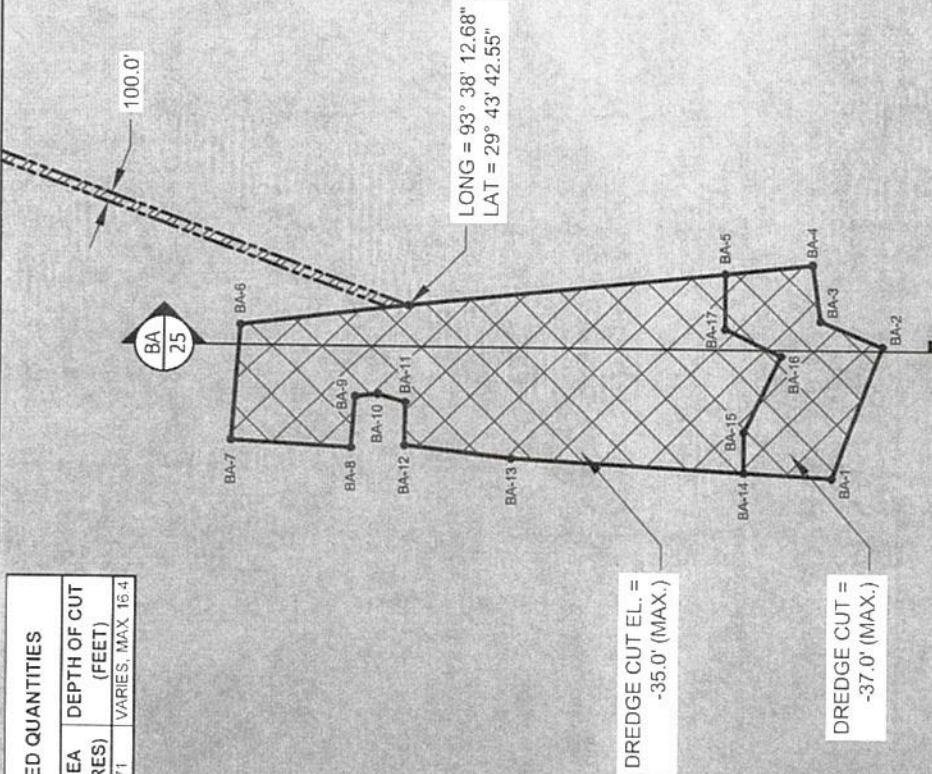
LEGEND	
	MARSH CREATION AREA
	EARTHEN CONTAINMENT DIKE BORROW AREA
	EQUIPMENT ACCESS CORRIDOR
	MARSH NOURISHMENT AREA
	BORROW AREA
	EARTHEN TERRACE

APPLICATION BY: COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LA 70802	COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802		CAMERON MEADOWS MARSH CREATION AND TERRACING	PROJECT LAYOUT
	DESIGNED BY: TYE FITZGERALD, P.E. - PE 0038153		STATE PROJECT NUMBER: CS-0066	DATE: JULY 2018
	DRAWN BY: SHANE FAUST		APPROVED BY: RUDY SIMONEAUX, P.E.	SHEET 2 OF 36



ESTIMATED QUANTITIES			
VOLUME (CY)	AREA (ACRES)	DEPTH OF CUT (FEET)	
6,382.344	271	VARIES MAX 16.4	

BORROW AREA COORDINATES		
POINT	LONG.	LAT.
BA-1	93° 38' 32.52"	29° 42' 56.65"
BA-2	93° 38' 16.13"	29° 42' 51.64"
BA-3	93° 38' 13.06"	29° 42' 58.39"
BA-4	93° 38' 06.11"	29° 42' 59.39"
BA-5	93° 38' 07.53"	29° 43' 08.74"
BA-6	93° 38' 15.69"	29° 44' 00.21"
BA-7	93° 38' 30.04"	29° 44' 00.82"
BA-8	93° 38' 30.52"	29° 43' 48.17"
BA-9	93° 38' 24.21"	29° 43' 47.88"
BA-10	93° 38' 23.82"	29° 43' 45.52"
BA-11	93° 38' 24.75"	29° 43' 42.55"
BA-12	93° 38' 30.06"	29° 43' 42.53"
BA-13	93° 38' 31.22"	29° 43' 31.14"
BA-14	93° 38' 32.16"	29° 43' 05.15"
BA-15	93° 38' 27.21"	29° 43' 05.26"
BA-16	93° 38' 17.68"	29° 43' 02.49"
BA-17	93° 38' 14.42"	29° 43' 08.60"



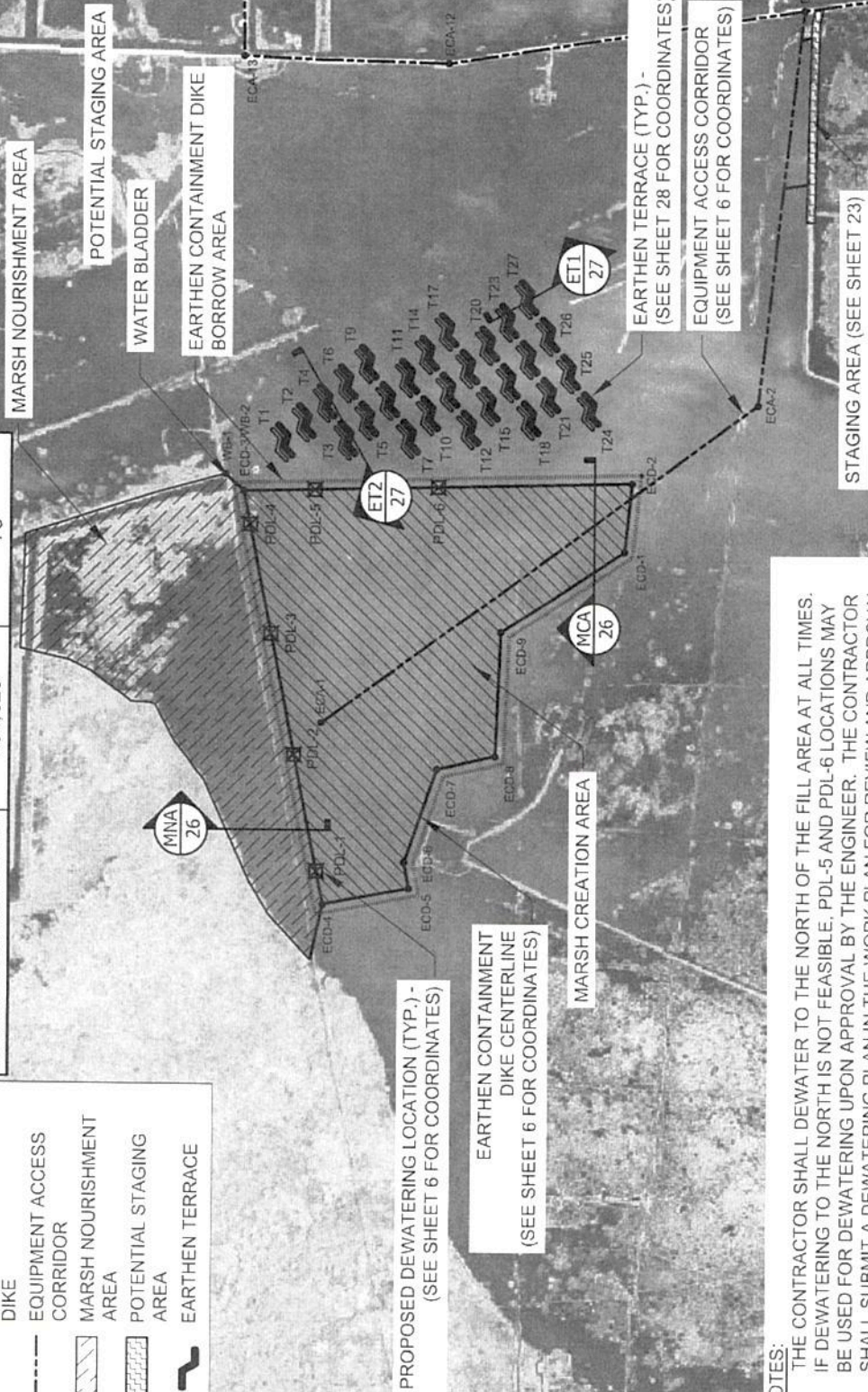
LEGEND	
	BORROW AREA
	EQUIPMENT ACCESS CORRIDOR

CAMERON MEADOWS MARSH CREATION AND TERRACING	COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	
	APPLICATION BY: COASTAL PROTECTION & RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LA 70802	BORROW AREA LAYOUT
	DESIGNED BY: SHANE FAUST  DATE: JULY 2018 SHEET 3 OF 36	STATE PROJECT NUMBER: CS-0066 APPROVED BY: RUDY SIMONEAUX, P.E.



ESTIMATED QUANTITIES		
SITE	VOLUME (CY)	AREA (ACRES)
MARSH CREATION	2,600,000	308
TERRACES	204,320	11
MARSH NOURISHMENT	204,320	75

- EARTHEN CONTAINMENT DIKE
- - - EQUIPMENT ACCESS CORRIDOR
- ▨ MARSH NOURISHMENT AREA
- ▤ POTENTIAL STAGING AREA
- EARTHEN TERRACE



#### NOTES:

1. THE CONTRACTOR SHALL DEWATER TO THE NORTH OF THE FILL AREA AT ALL TIMES. IF DEWATERING TO THE NORTH IS NOT FEASIBLE, PDL-5 AND PDL-6 LOCATIONS MAY BE USED FOR DEWATERING UPON APPROVAL BY THE ENGINEER. THE CONTRACTOR SHALL SUBMIT A DEWATERING PLAN IN THE WORK PLAN FOR REVIEW AND APPROVAL.
2. EARTHEN TERRACES SHALL BE CONSTRUCTED IN OPEN WATER.
3. EARTHEN CONTAINMENT DIKS WILL BE GAPPED OR DEGRADED NO LATER THAN THREE YEARS PAST CONSTRUCTION.

#### APPLICATION BY:

NATIONAL MARINE FISHERIES SERVICE  
LSU SOUTH STADIUM DRIVE  
BATON ROUGE, LA 70803

#### COASTAL PROTECTION AND RESTORATION AUTHORITY

150 TERRACE AVENUE  
BATON ROUGE, LOUISIANA 70802

CAMERON MEADOWS MARSH  
CREATION AND TERRACING

MARSH CREATION AND  
EARTHEN TERRACE LAYOUT -  
BASE BID

DESIGNED BY: TYE FITZGERALD, P.E. - PE.0038153

DRAWN BY: SHANE FAUST

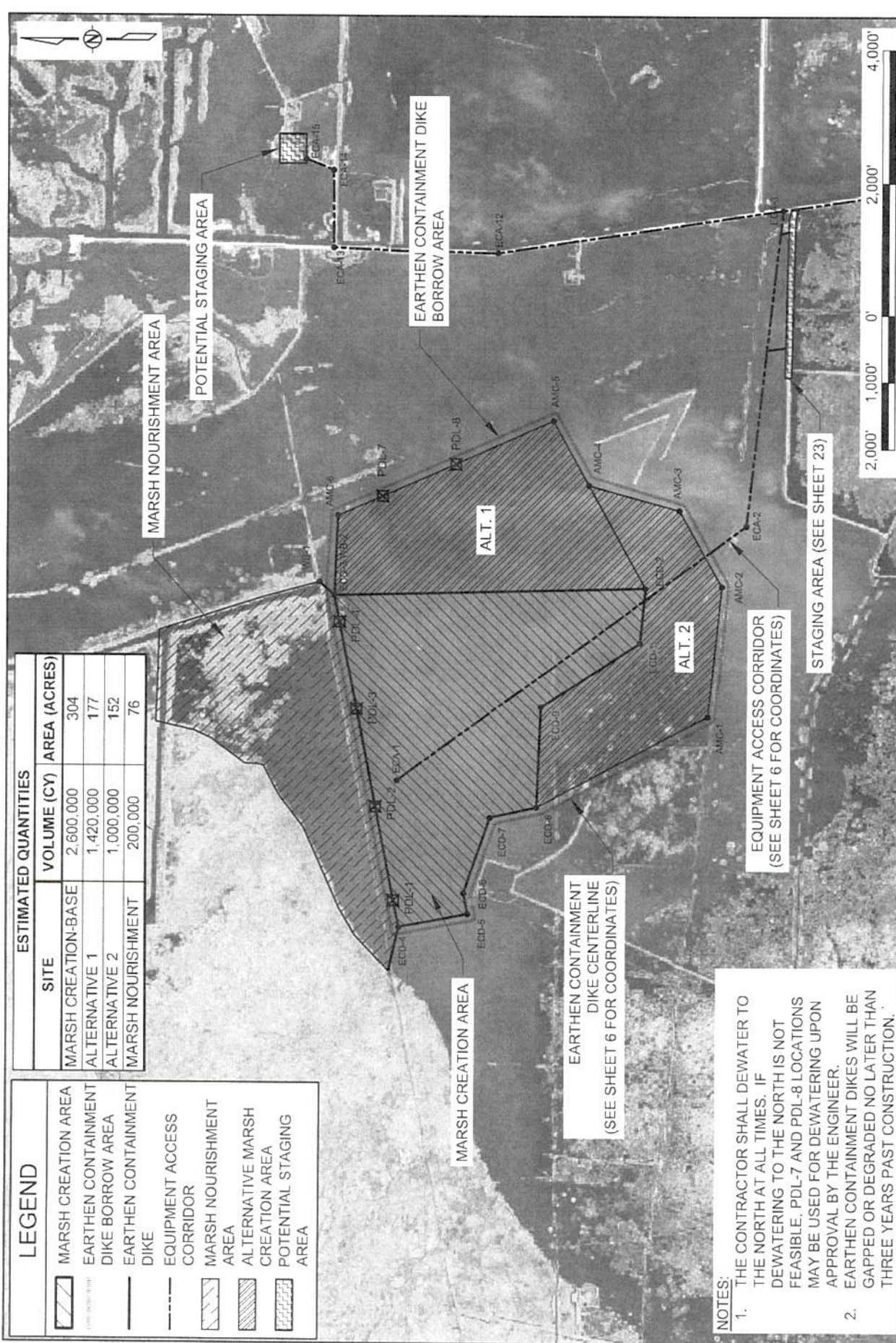
STATE PROJECT NUMBER: CS-0066

DATE: JULY 2018

SHEET 4 OF 36

APPROVED BY: RUDY SIMONEAUX, P.E.





# LEGEND

SITE	VOLUME (CY)	AREA (ACRES)
MARSH CREATION-BASE	2,600,000	304
ALTERNATIVE 1	1,420,000	177
ALTERNATIVE 2	1,000,000	152
MARSH NOURISHMENT	200,000	76

	MARSH CREATION AREA
	EARTHEN CONTAINMENT DIKE BORROW AREA
	EARTHEN CONTAINMENT DIKE
	EQUIPMENT ACCESS CORRIDOR
	MARSH NOURISHMENT AREA
	ALTERNATIVE MARSH CREATION AREA
	POTENTIAL STAGING AREA

**NOTES:**

1. THE CONTRACTOR SHALL DEWATER TO THE NORTH AT ALL TIMES. IF DEWATERING TO THE NORTH IS NOT FEASIBLE, PDL-7 AND PDL-8 LOCATIONS MAY BE USED FOR DEWATERING UPON APPROVAL BY THE ENGINEER.
2. EARTHEN CONTAINMENT DIKES WILL BE GAPPED OR DEGRADED NO LATER THAN THREE YEARS PAST CONSTRUCTION.

APPLICATION BY: COASTAL PROTECTION & RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LA. 70802	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	CAMERON MEADOWS MARSH CREATION AND TERRACING	MARSH CREATION AND EARTHEN TERRACE LAYOUT - ALT. 1 AND ALT 2
DRAWN BY: SHANE FAUST	DESIGNED BY: TYE FITZGERALD, P.E. - PE 0038153	STATE PROJECT NUMBER: CS-0066	DATE: JULY 2018
		APPROVED BY: RUDY SIMONEAUX, P.E.	SHEET 5 OF 36



EARTHEN CONTAINMENT DIKE COORDINATES			
POINT	LONG.	LAT.	
ECD-1	93° 39' 09.89"	29° 47' 59.24"	
ECD-2	93° 39' 00.56"	29° 47' 58.56"	
ECD-3	93° 39' 03.03"	29° 48' 44.71"	
ECD-4	93° 39' 59.49"	29° 48' 34.04"	
ECD-5	93° 39' 57.00"	29° 48' 23.84"	
ECD-6	93° 39' 53.49"	29° 48' 24.49"	
ECD-7	93° 39' 40.55"	29° 48' 20.85"	
ECD-8	93° 39' 38.63"	29° 48' 13.98"	
ECD-9	93° 39' 21.44"	29° 48' 13.69"	

ALTERNATIVE MARSH CREATION AREA COORDINATES			
POINT	LONG.	LAT.	
AMC-1	93° 39' 22.37"	29° 47' 48.90"	
AMC-2	93° 38' 59.96"	29° 47' 47.28"	
AMC-3	93° 38' 47.15"	29° 47' 53.81"	
AMC-4	93° 38' 43.19"	29° 48' 07.34"	
AMC-5	93° 38' 32.38"	29° 48' 12.80"	
AMC-6	93° 39' 00.76"	29° 48' 46.96"	

EQUIPMENT CORRIDOR ACCESS CENTERLINE COORDINATES			
POINT	LONG.	LAT.	
ECA-1	93° 39' 17.96"	29° 48' 37.89"	
ECA-2	93° 38' 49.50"	29° 47' 43.88"	
ECA-3	93° 37' 55.48"	29° 47' 39.53"	
ECA-12	93° 38' 03.93"	29° 48' 26.62"	
ECA-13	93° 38' 03.62"	29° 48' 45.97"	
ECA-14	93° 37' 50.25"	29° 48' 46.27"	
ECA-15	93° 37' 48.48"	29° 48' 50.36"	

PROPOSED DEWATERING COORDINATES			
POINT	LONG.	LAT.	
PDL-1	93° 39' 55.00"	29° 48' 34.91"	
PDL-2	93° 38' 39.14"	29° 48' 37.92"	
PDL-3	93° 39' 22.51"	29° 48' 41.03"	
PDL-4	93° 39' 07.51"	29° 48' 43.84"	
PDL-5	93° 39' 02.58"	29° 48' 43.84"	
PDL-6	93° 39' 01.79"	29° 48' 21.63"	
PDL-7	93° 38' 45.88"	29° 48' 37.93"	
PDL-8	93° 38' 40.10"	29° 48' 27.17"	

WATER BLADDER COORDINATES			
POINT	LONG.	LAT.	
WB-1	93° 39' 00.76"	29° 48' 46.96"	
WB-2	93° 39' 03.03"	29° 48' 44.71"	

APPLICATION BY: COASTAL PROTECTION & RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LA. 70802	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802		CAMERON MEADOWS MARSH CREATION AND TERRACING	PROJECT COORDINATES
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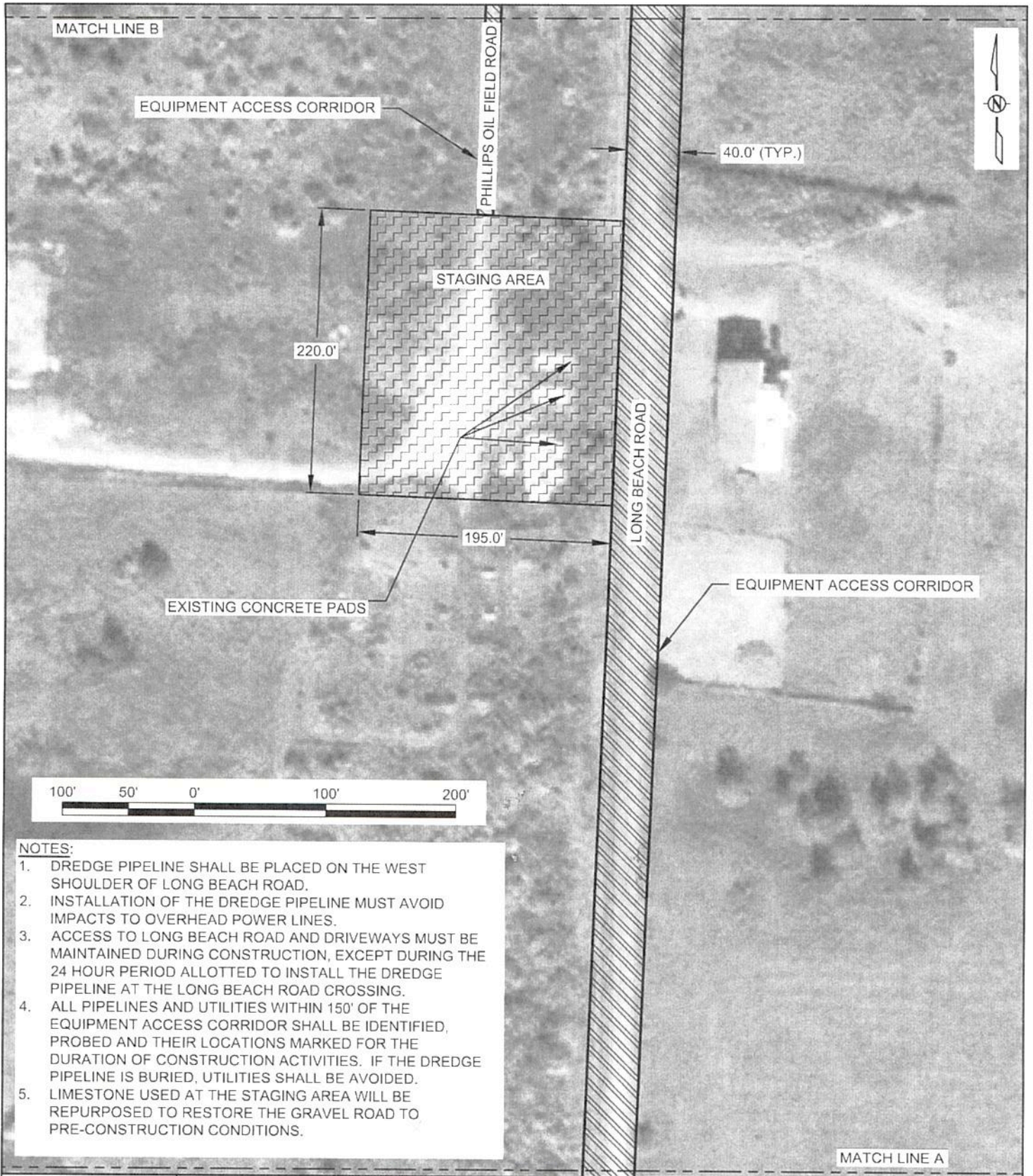
**NOTES:**

1. DREDGE PIPELINE SHALL BE PLACED ON THE WEST SHOULDER OF LONG BEACH ROAD.
2. INSTALLATION OF THE DREDGE PIPELINE MUST AVOID IMPACTS TO OVERHEAD POWER LINES.
3. ACCESS TO LONG BEACH ROAD AND DRIVEWAYS MUST BE MAINTAINED DURING CONSTRUCTION, EXCEPT DURING THE 24 HOUR PERIOD ALLOTTED TO INSTALL THE DREDGE PIPELINE AT THE LONG BEACH ROAD CROSSING.
4. ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.
5. BIRD ABATEMENT PLAN TO BE PROVIDED.
6. BEACH TO BE RESTORED TO PRE-EXISTING CONDITIONS AT THE END OF CONSTRUCTION.
7. LIMESTONE USED AT THE BOOSTER PUMP LOCATION WILL BE REPURPOSED TO RESTORE THE GRAVEL ROAD TO PRE-CONSTRUCTION CONDITIONS.



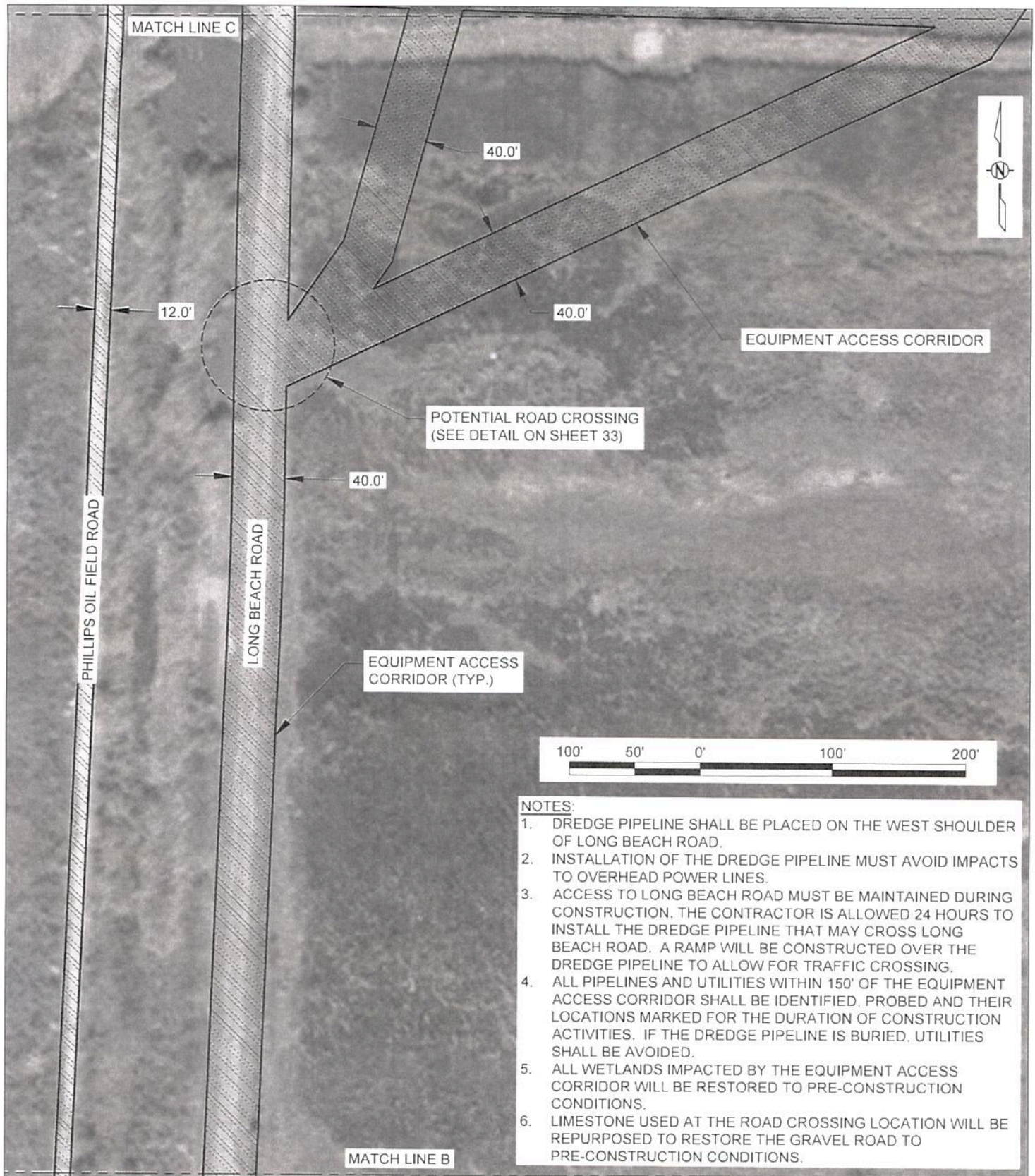
APPLICATION BY: CPRA 150 TERRACE AVENUE BATON ROUGE, LA 70802	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	CAMERON MEADOWS MARSH CREATION AND TERRACING	EQUIPMENT ACCESS CORRIDOR LAYOUT
DRAWN BY: SHANE FAUST		STATE PROJECT NUMBER: CS-0066	DATE: JULY 2018
DESIGNED BY: TYE FITZGERALD, P.E. - PE.0038153		APPROVED BY: RUDY SIMONEAUX, P.E.	SHEET 7 OF 36





APPLICATION BY: CPRA 150 TERRACE AVENUE BATON ROUGE, LA 70802	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	CAMERON MEADOWS MARSH CREATION AND TERRACING  STATE PROJECT NUMBER: CS-0066	<b>EQUIPMENT ACCESS CORRIDOR LAYOUT</b>  DATE: JULY 2018
DRAWN BY: SHANE FAUST	DESIGNED BY: TYE FITZGERALD, P.E. - PE.0038153	APPROVED BY: RUDY SIMONEAUX, P.E.	SHEET 8 OF 36





APPLICATION BY CPRA 150 TERRACE AVENUE BATON ROUGE, LA 70802	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	CAMERON MEADOWS MARSH CREATION AND TERRACING  STATE PROJECT NUMBER CS-0066	<b>EQUIPMENT ACCESS CORRIDOR LAYOUT</b>  DATE JULY 2018
DRAWN BY: SHANE FAUST	DESIGNED BY: TYE FITZGERALD, P.E. - PE.0038153	APPROVED BY: RUDY SIMONEAUX, P.E.	SHEET 9 OF 36



**NOTES:**

1. DREDGE PIPELINE SHALL BE PLACED ON THE EAST SHOULDER OF CAMERON MEADOWS OIL FIELD ROAD, NORTH OF THE CROSSING.
2. INSTALLATION OF THE DREDGE PIPELINE MUST AVOID IMPACTS TO OVERHEAD POWER LINES.
3. ACCESS TO CAMERON MEADOWS OIL FIELD ROAD AND DRIVEWAYS MUST BE MAINTAINED DURING CONSTRUCTION. THE CONTRACTOR IS ALLOWED 24 HOURS TO INSTALL THE DREDGE PIPELINE THAT MAY CROSS CAMERON MEADOWS OIL FIELD ROAD. A RAMP WILL BE CONSTRUCTED OVER THE DREDGE PIPELINE TO ALLOW FOR 18 WHEELER TRAFFIC CROSSING.
4. ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.
5. ALL WETLANDS IMPACTED BY THE EQUIPMENT ACCESS CORRIDOR WILL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS.
6. LIMESTONE USED AT THE ROAD CROSSING LOCATION WILL BE REPURPOSED TO RESTORE THE GRAVEL ROAD TO PRE-CONSTRUCTION CONDITIONS.

100' 50' 0' 100' 200'

MATCH LINE D

POTENTIAL  
DRIVEWAY  
CROSSING

CAMERON MEADOWS OIL FIELD ROAD

EQUIPMENT ACCESS  
CORRIDOR

40.0'

POTENTIAL ROAD CROSSING  
(SEE DETAIL ON SHEET 33)

POTENTIAL DRIVEWAY  
CROSSING

40.0'

40.0'

HIGHWAY CROSSING (TYP.)  
SEE HC ON SHEET 31

HIGHWAY 82

111.4'

MATCH LINE C

APPLICATION BY

CPRA  
150 TERRACE AVENUE  
BATON ROUGE, LA 70802

**COASTAL PROTECTION AND  
RESTORATION AUTHORITY**

150 TERRACE AVENUE  
BATON ROUGE, LOUISIANA 70802

CAMERON MEADOWS MARSH  
CREATION AND TERRACING

EQUIPMENT ACCESS  
CORRIDOR LAYOUT

STATE PROJECT NUMBER CS-0066

DATE JULY 2018

DRAWN BY SHANE FAUST

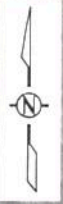
DESIGNED BY TYE FITZGERALD, P.E. - PE 0038153

APPROVED BY RUDY SIMONEAUX, P.E.

SHEET 10 OF 36



MATCH LINE E



EQUIPMENT ACCESS CORRIDOR

CAMERON MEADOWS OIL FIELD ROAD

85.0'

150.0'

BOOSTER PUMP LOCATION

100' 50' 0' 100' 200'

**NOTES:**

1. DREDGE PIPELINE SHALL BE PLACED ON THE EAST SHOULDER OF CAMERON MEADOWS OIL FIELD ROAD. INSTALLATION OF THE DREDGE PIPELINE MUST AVOID IMPACTS TO OVERHEAD POWER LINES.
2. ACCESS TO CAMERON MEADOWS OIL FIELD ROAD AND DRIVEWAYS MUST BE MAINTAINED DURING CONSTRUCTION, EXCEPT DURING THE 24 HOUR PERIOD ALLOTTED TO INSTALL THE DREDGE PIPELINE AT THE CAMERON MEADOWS OIL FIELD ROAD CROSSING.
3. ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.
4. LIMESTONE USED AT THE BOOSTER PUMP LOCATION WILL BE REPURPOSED TO RESTORE THE GRAVEL ROAD TO PRE-CONSTRUCTION CONDITIONS.

40.0' (TYP.)

POTENTIAL DRIVEWAY CROSSING

MATCH LINE D

APPLICATION BY

CPRA  
150 TERRACE AVENUE  
BATON ROUGE, LA 70802

**COASTAL PROTECTION AND  
RESTORATION AUTHORITY**

150 TERRACE AVENUE  
BATON ROUGE, LOUISIANA 70802

CAMERON MEADOWS MARSH  
CREATION AND TERRACING

EQUIPMENT ACCESS  
CORRIDOR LAYOUT

STATE PROJECT NUMBER CS-0066

DATE JULY 2018

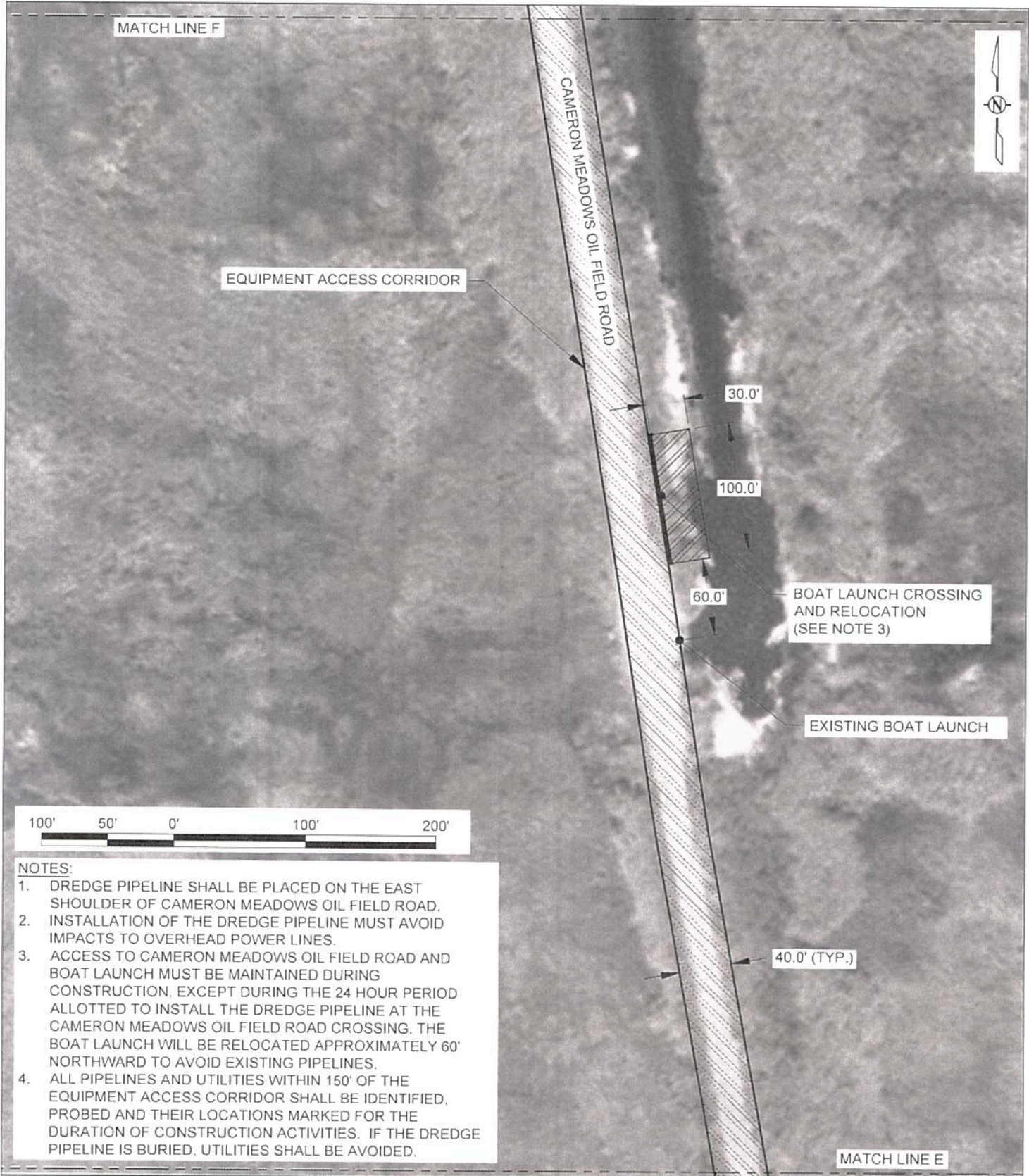
DRAWN BY: SHANE FAUST

DESIGNED BY: TYE FITZGERALD, P.E. - PE.0038153

APPROVED BY: RUDY SIMONEAUX, P.E.

SHEET 11 OF 36

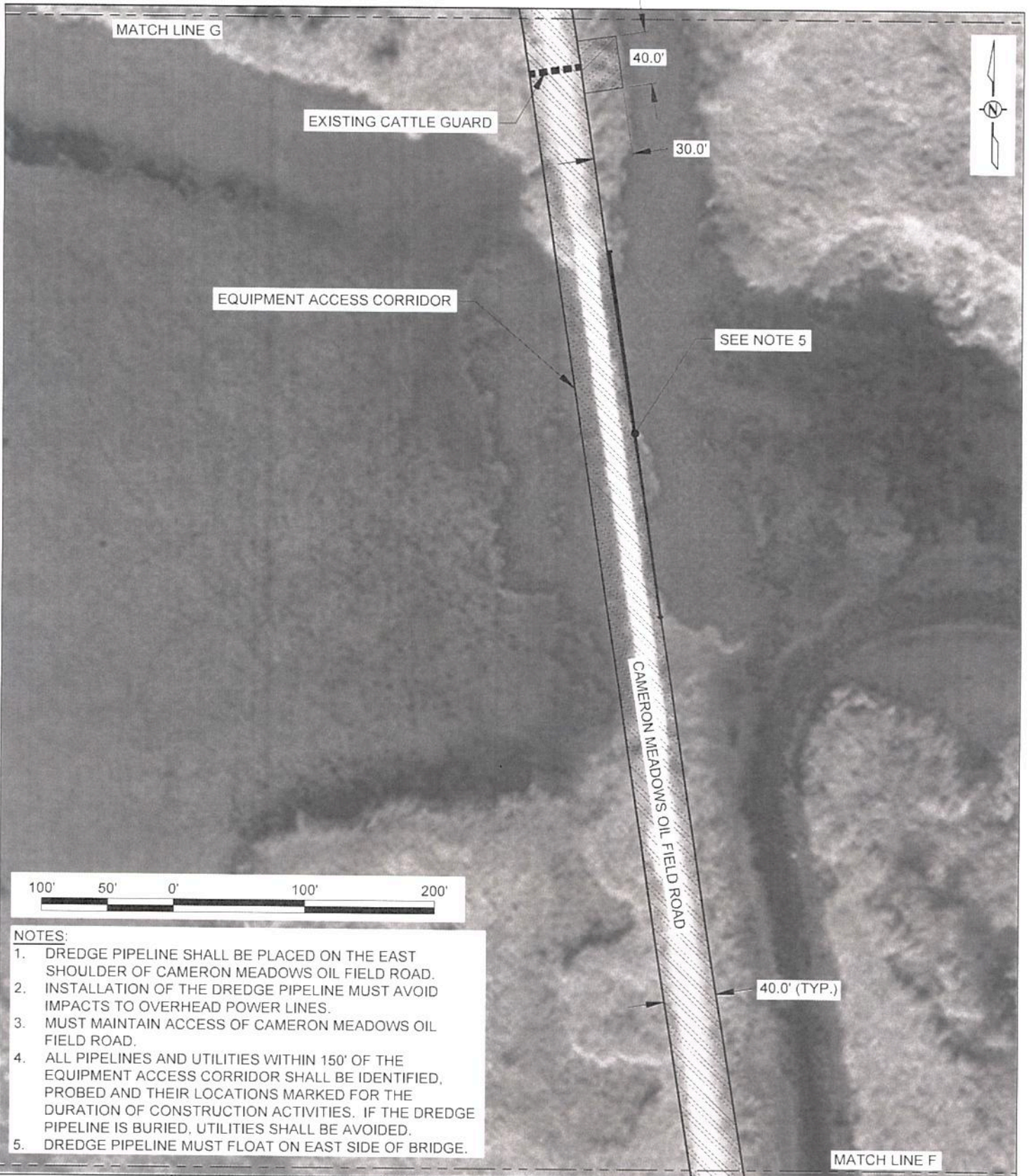




- NOTES:
1. DREDGE PIPELINE SHALL BE PLACED ON THE EAST SHOULDER OF CAMERON MEADOWS OIL FIELD ROAD.
  2. INSTALLATION OF THE DREDGE PIPELINE MUST AVOID IMPACTS TO OVERHEAD POWER LINES.
  3. ACCESS TO CAMERON MEADOWS OIL FIELD ROAD AND BOAT LAUNCH MUST BE MAINTAINED DURING CONSTRUCTION, EXCEPT DURING THE 24 HOUR PERIOD ALLOTTED TO INSTALL THE DREDGE PIPELINE AT THE CAMERON MEADOWS OIL FIELD ROAD CROSSING. THE BOAT LAUNCH WILL BE RELOCATED APPROXIMATELY 60' NORTHWARD TO AVOID EXISTING PIPELINES.
  4. ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.

APPLICATION BY: CPRA 150 TERRACE AVENUE BATON ROUGE, LA 70802	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	CAMERON MEADOWS MARSH CREATION AND TERRACING	EQUIPMENT ACCESS CORRIDOR LAYOUT
DRAWN BY: SHANE FAUST		STATE PROJECT NUMBER CS-0066	DATE JULY 2018
	DESIGNED BY: TYE FITZGERALD, P.E. - PE.0038153	APPROVED BY: RUDY SIMONEAUX, P.E.	SHEET 12 OF 36





**NOTES:**

1. DREDGE PIPELINE SHALL BE PLACED ON THE EAST SHOULDER OF CAMERON MEADOWS OIL FIELD ROAD.
2. INSTALLATION OF THE DREDGE PIPELINE MUST AVOID IMPACTS TO OVERHEAD POWER LINES.
3. MUST MAINTAIN ACCESS OF CAMERON MEADOWS OIL FIELD ROAD.
4. ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.
5. DREDGE PIPELINE MUST FLOAT ON EAST SIDE OF BRIDGE.

APPLICATION BY CPRA 150 TERRACE AVENUE BATON ROUGE, LA 70802	COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	CAMERON MEADOWS MARSH CREATION AND TERRACING	EQUIPMENT ACCESS CORRIDOR LAYOUT
		STATE PROJECT NUMBER CS-0066	DATE JULY 2018
DRAWN BY: SHANE FAUST	DESIGNED BY: TYE FITZGERALD, P.E. - PE.0038153	APPROVED BY: RUDY SIMONEAUX, P.E.	SHEET 13 OF 36



MATCH LINE H

40.0' (TYP.)

EQUIPMENT ACCESS CORRIDOR

CAMERON MEADOWS OIL FIELD ROAD

MATCH LINE G

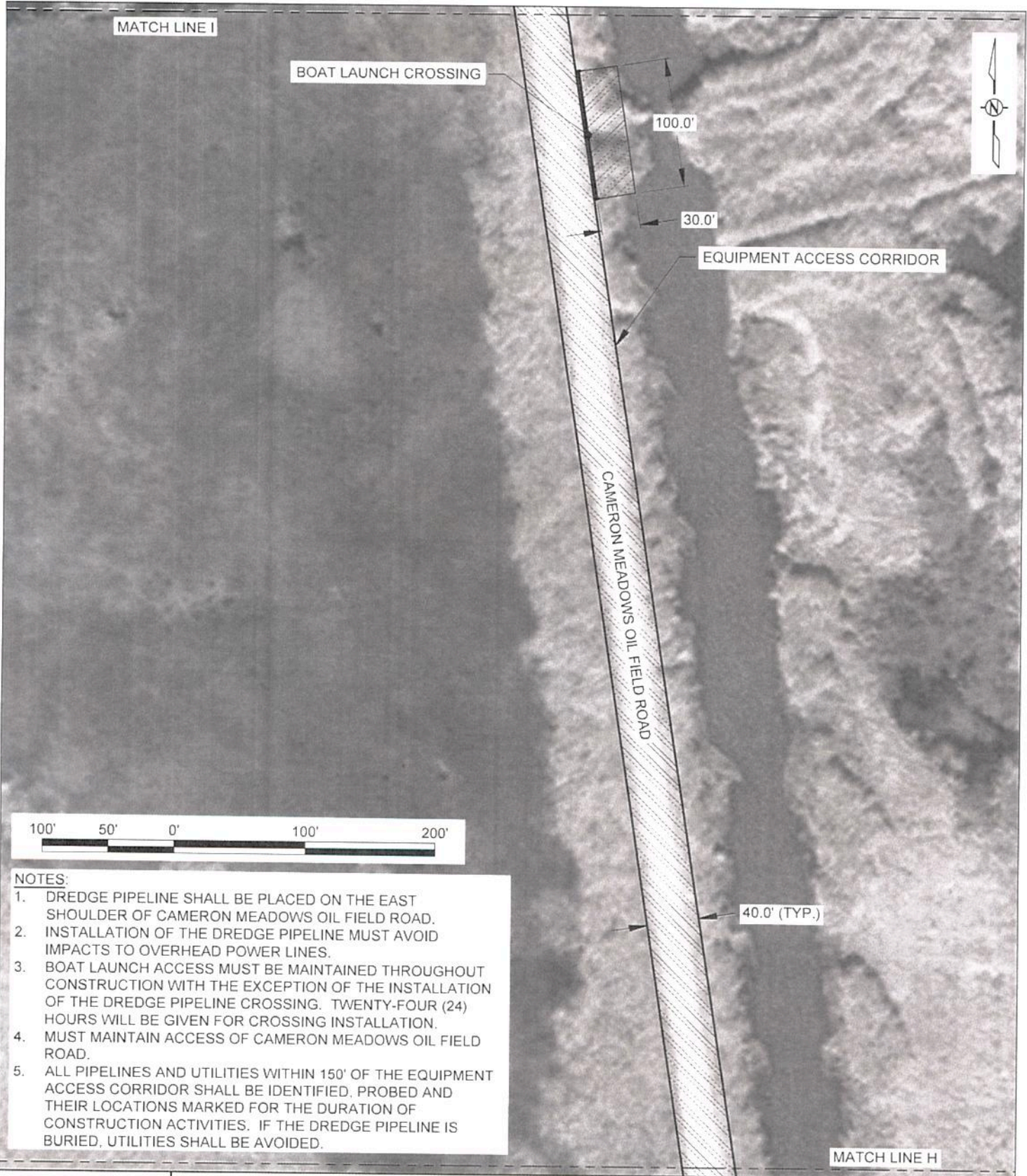
100' 50' 0' 100' 200'

**NOTES:**

1. DREDGE PIPELINE SHALL BE PLACED ON THE EAST SHOULDER OF CAMERON MEADOWS OIL FIELD ROAD.
2. INSTALLATION OF THE DREDGE PIPELINE MUST AVOID IMPACTS TO OVERHEAD POWER LINES.
3. MUST MAINTAIN ACCESS OF CAMERON MEADOWS OIL FIELD ROAD.
4. ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.

APPLICATION BY CPRA 150 TERRACE AVENUE BATON ROUGE, LA 70802	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	CAMERON MEADOWS MARSH CREATION AND TERRACING  STATE PROJECT NUMBER CS-0066	EQUIPMENT ACCESS CORRIDOR LAYOUT  DATE JULY 2018
DRAWN BY: SHANE FAUST	DESIGNED BY: TYE FITZGERALD, P.E. - PE.0038153	APPROVED BY: RUDY SIMONEAUX, P.E.	SHEET 14 OF 36





- NOTES:
- 1. DREDGE PIPELINE SHALL BE PLACED ON THE EAST SHOULDER OF CAMERON MEADOWS OIL FIELD ROAD.
  - 2. INSTALLATION OF THE DREDGE PIPELINE MUST AVOID IMPACTS TO OVERHEAD POWER LINES.
  - 3. BOAT LAUNCH ACCESS MUST BE MAINTAINED THROUGHOUT CONSTRUCTION WITH THE EXCEPTION OF THE INSTALLATION OF THE DREDGE PIPELINE CROSSING. TWENTY-FOUR (24) HOURS WILL BE GIVEN FOR CROSSING INSTALLATION.
  - 4. MUST MAINTAIN ACCESS OF CAMERON MEADOWS OIL FIELD ROAD.
  - 5. ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.

APPLICATION BY CPRA 150 TERRACE AVENUE BATON ROUGE, LA 70802	COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	CAMERON MEADOWS MARSH CREATION AND TERRACING	EQUIPMENT ACCESS CORRIDOR LAYOUT
		STATE PROJECT NUMBER CS-0066	DATE JULY 2018
DRAWN BY: SHANE FAUST	DESIGNED BY: TYE FITZGERALD, P.E. - PE.0038153	APPROVED BY: RUDY SIMONEAUX, P.E.	SHEET 15 OF 36





NOTES:

- 1. DREDGE PIPELINE SHALL BE PLACED ON THE EAST SHOULDER OF CAMERON MEADOWS OIL FIELD ROAD.
- 2. INSTALLATION OF THE DREDGE PIPELINE MUST AVOID IMPACTS TO OVERHEAD POWER LINES.
- 3. MUST MAINTAIN ACCESS OF CAMERON MEADOWS OIL FIELD ROAD.
- 4. ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.

APPLICATION BY CPRA 150 TERRACE AVENUE BATON ROUGE, LA 70802	COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	CAMERON MEADOWS MARSH CREATION AND TERRACING	EQUIPMENT ACCESS CORRIDOR LAYOUT
		STATE PROJECT NUMBER CS-0066	DATE JULY 2018
DRAWN BY: SHANE FAUST	DESIGNED BY: TYE FITZGERALD, P.E. - PE.0038153	APPROVED BY: RUDY SIMONEAUX, P.E.	SHEET 16 OF 36



MATCH LINE K

40.0' (TYP.)

EQUIPMENT ACCESS CORRIDOR

CAMERON MEADOWS OIL FIELD ROAD

100' 50' 0' 100' 200'

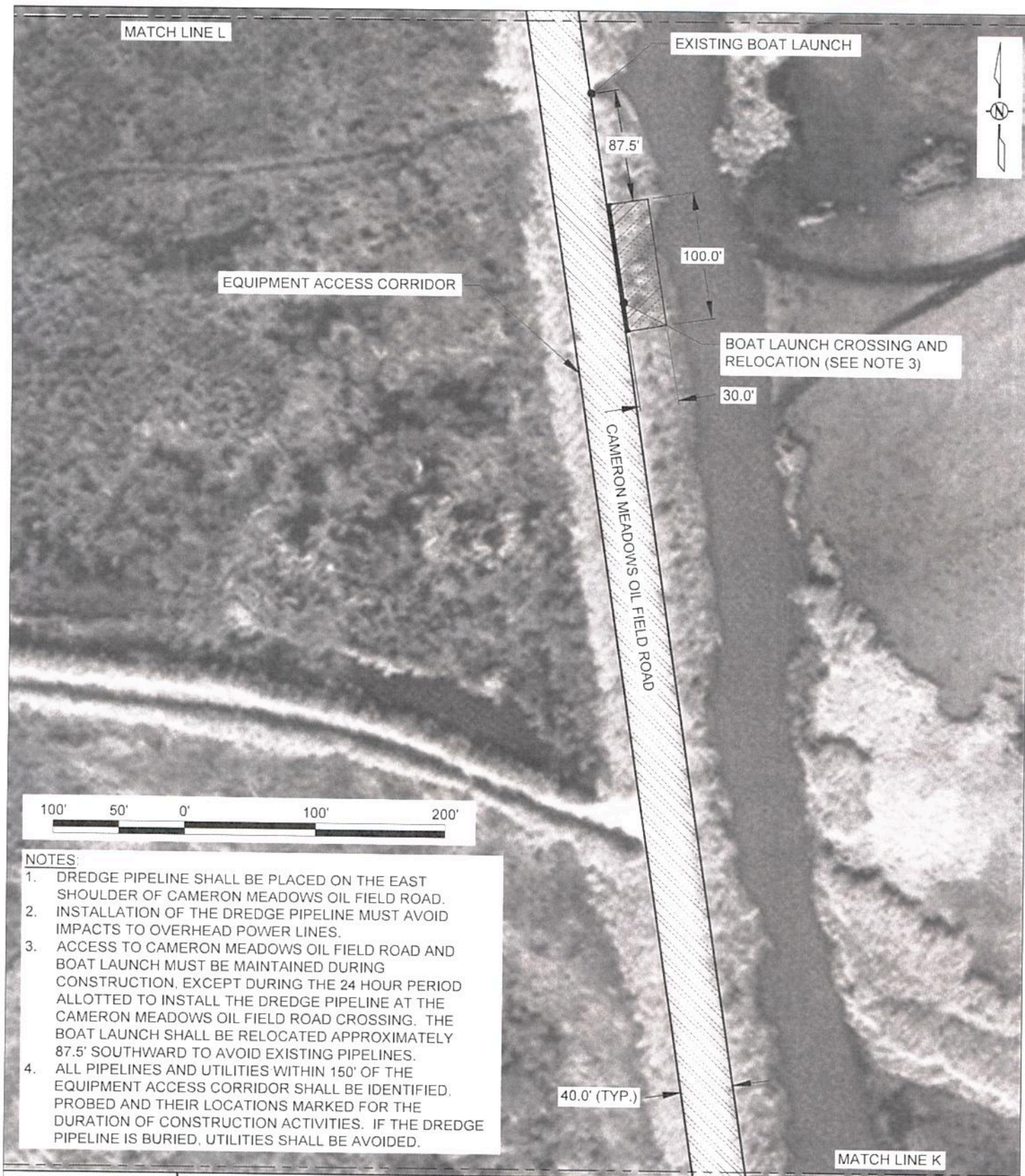
**NOTES:**

1. DREDGE PIPELINE SHALL BE PLACED ON THE EAST SHOULDER OF CAMERON MEADOWS OIL FIELD ROAD.
2. INSTALLATION OF THE DREDGE PIPELINE MUST AVOID IMPACTS TO OVERHEAD POWER LINES.
3. MUST MAINTAIN ACCESS OF CAMERON MEADOWS OIL FIELD ROAD.
4. ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.

MATCH LINE J

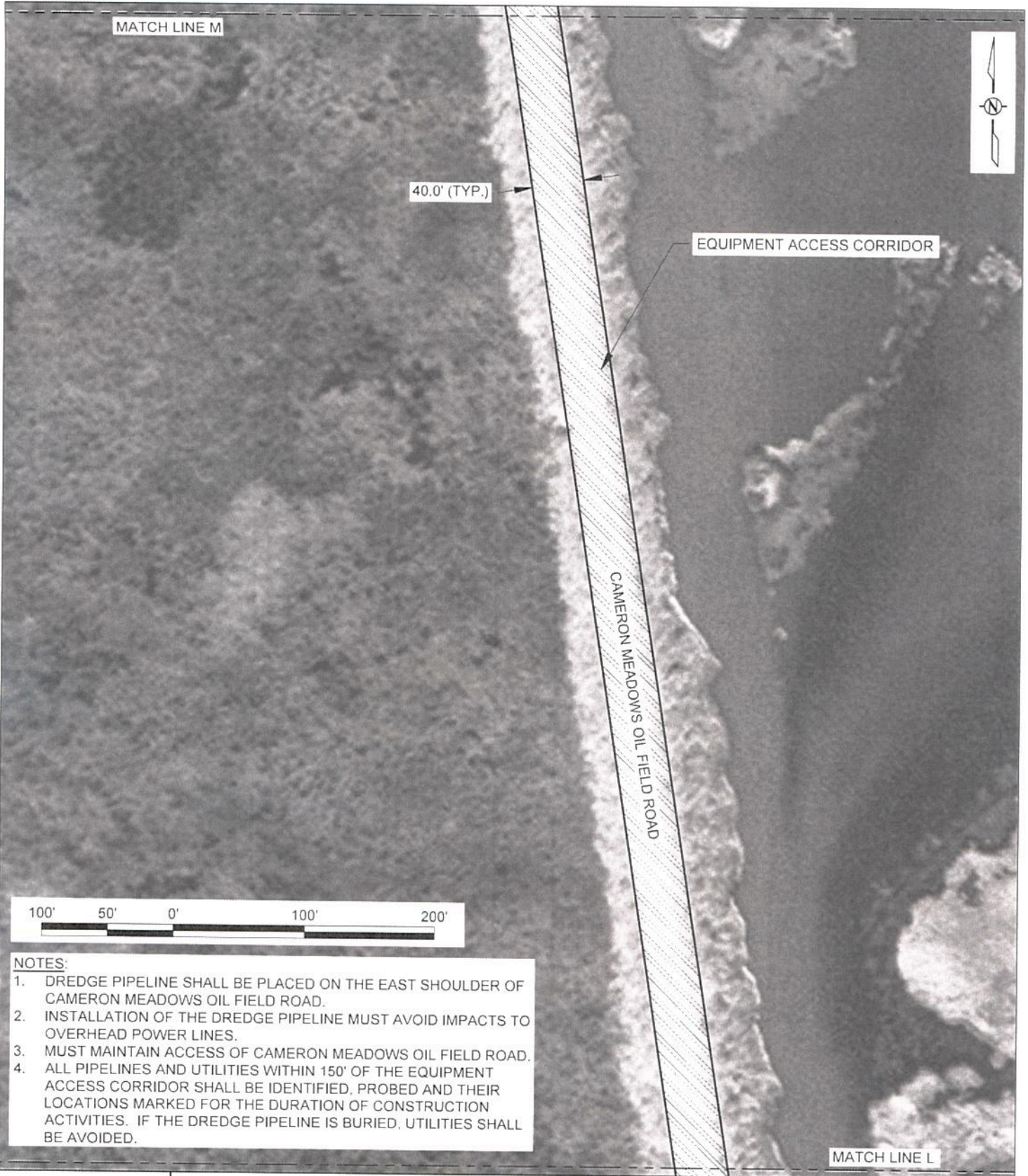
APPLICATION BY: CPRA 150 TERRACE AVENUE BATON ROUGE, LA 70802	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	CAMERON MEADOWS MARSH CREATION AND TERRACING	EQUIPMENT ACCESS CORRIDOR LAYOUT
		STATE PROJECT NUMBER CS-0066	DATE JULY 2018
DRAWN BY: SHANE FAUST	DESIGNED BY: TYE FITZGERALD, P.E. - PE 0038153	APPROVED BY: RUDY SIMONEAUX, P.E.	SHEET 17 OF 36





APPLICATION BY CPRA 150 TERRACE AVENUE BATON ROUGE, LA 70802	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	CAMERON MEADOWS MARSH CREATION AND TERRACING	EQUIPMENT ACCESS CORRIDOR LAYOUT
DRAWN BY SHANE FAUST	DESIGNED BY TYE FITZGERALD, P.E. - PE 0038153	STATE PROJECT NUMBER CS-0066 APPROVED BY RUDY SIMONEAUX, P.E.	DATE JULY 2018 SHEET 18 OF 36





APPLICATION BY CPRA 150 TERRACE AVENUE BATON ROUGE, LA 70802	COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	CAMERON MEADOWS MARSH CREATION AND TERRACING	EQUIPMENT ACCESS CORRIDOR LAYOUT
		STATE PROJECT NUMBER CS-0066	DATE JULY 2018
DRAWN BY: SHANE FAUST	DESIGNED BY: TYE FITZGERALD, P.E. - PE.0038153	APPROVED BY: RUDY SIMONEAUX, P.E.	SHEET 19 OF 36



MATCH LINE N

40.0' (TYP.)

EQUIPMENT ACCESS CORRIDOR

CAMERON MEADOWS OIL FIELD ROAD

100' 50' 0' 100' 200'

**NOTES:**

1. DREDGE PIPELINE SHALL BE PLACED ON THE EAST SHOULDER OF CAMERON MEADOWS OIL FIELD ROAD.
2. INSTALLATION OF THE DREDGE PIPELINE MUST AVOID IMPACTS TO OVERHEAD POWER LINES.
3. MUST MAINTAIN ACCESS OF CAMERON MEADOWS OIL FIELD ROAD.
4. ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.

MATCH LINE M

APPLICATION BY CPRA 150 TERRACE AVENUE BATON ROUGE, LA 70802	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	CAMERON MEADOWS MARSH CREATION AND TERRACING	EQUIPMENT ACCESS CORRIDOR LAYOUT
		STATE PROJECT NUMBER CS-0066	DATE JULY 2018
DRAWN BY SHANE FAUST	DESIGNED BY TYE FITZGERALD, P.E. - PE 0039153	APPROVED BY RUDY SIMONEAUX, P.E.	SHEET 20 OF 36





APPLICATION BY CPRA 150 TERRACE AVENUE BATON ROUGE, LA 70802	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	CAMERON MEADOWS MARSH CREATION AND TERRACING	EQUIPMENT ACCESS CORRIDOR LAYOUT
DRAWN BY: SHANE FAUST	DESIGNED BY: TYE FITZGERALD, P.E. - PE.0038153	STATE PROJECT NUMBER CS-0066	DATE JULY 2018
		APPROVED BY: RUDY SIMONEAUX, P.E.	SHEET 21 OF 36



MATCH LINE P

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40.0' (TYP.)

EQUIPMENT ACCESS CORRIDOR

CAMERON MEADOWS OIL FIELD ROAD

100' 50' 0' 100' 200'

**NOTES:**

1. DREDGE PIPELINE SHALL BE PLACED ON THE EAST SHOULDER OF CAMERON MEADOWS OIL FIELD ROAD.
2. INSTALLATION OF THE DREDGE PIPELINE MUST AVOID IMPACTS TO OVERHEAD POWER LINES.
3. MUST MAINTAIN ACCESS OF CAMERON MEADOWS OIL FIELD ROAD.
4. ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.

MATCH LINE O

APPLICATION BY: CPRA 150 TERRACE AVENUE BATON ROUGE, LA 70802	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	CAMERON MEADOWS MARSH CREATION AND TERRACING	EQUIPMENT ACCESS CORRIDOR LAYOUT
		STATE PROJECT NUMBER CS-0066	DATE JULY 2018
DRAWN BY SHANE FAUST	DESIGNED BY TYE FITZGERALD, P.E. - PE 0038153	APPROVED BY RUDY SIMONEAUX, P.E.	SHEET 22 OF 36



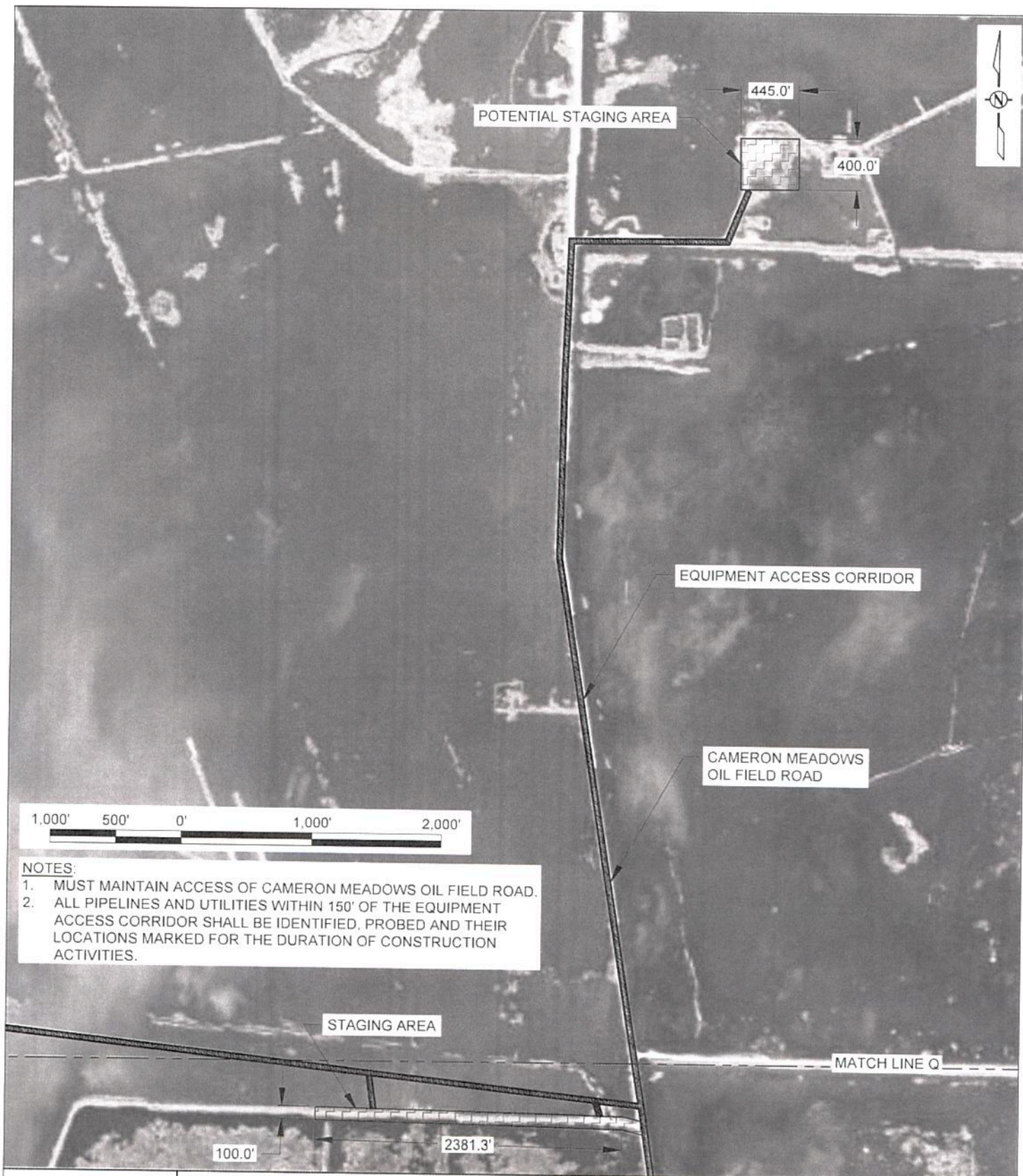


**NOTES:**

1. DREDGE PIPELINE SHALL BE PLACED ON THE EAST SHOULDER OF CAMERON MEADOWS OIL FIELD ROAD.
2. INSTALLATION OF THE DREDGE PIPELINE MUST AVOID IMPACTS TO OVERHEAD POWER LINES.
3. ACCESS TO CAMERON MEADOWS OIL FIELD ROAD MUST BE MAINTAINED DURING CONSTRUCTION. THE CONTRACTOR IS ALLOWED 24 HOURS TO INSTALL THE DREDGE PIPELINE THAT MAY CROSS CAMERON MEADOWS OIL FIELD ROAD. A RAMP WILL BE CONSTRUCTED OVER THE DREDGE PIPELINE TO ALLOW FOR 18 WHEELER TRAFFIC CROSSING.
4. ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.
5. LIMESTONE USED AT THE ROAD CROSSING LOCATION WILL BE REPURPOSED TO RESTORE THE GRAVEL ROAD TO PRE-CONSTRUCTION CONDITIONS.

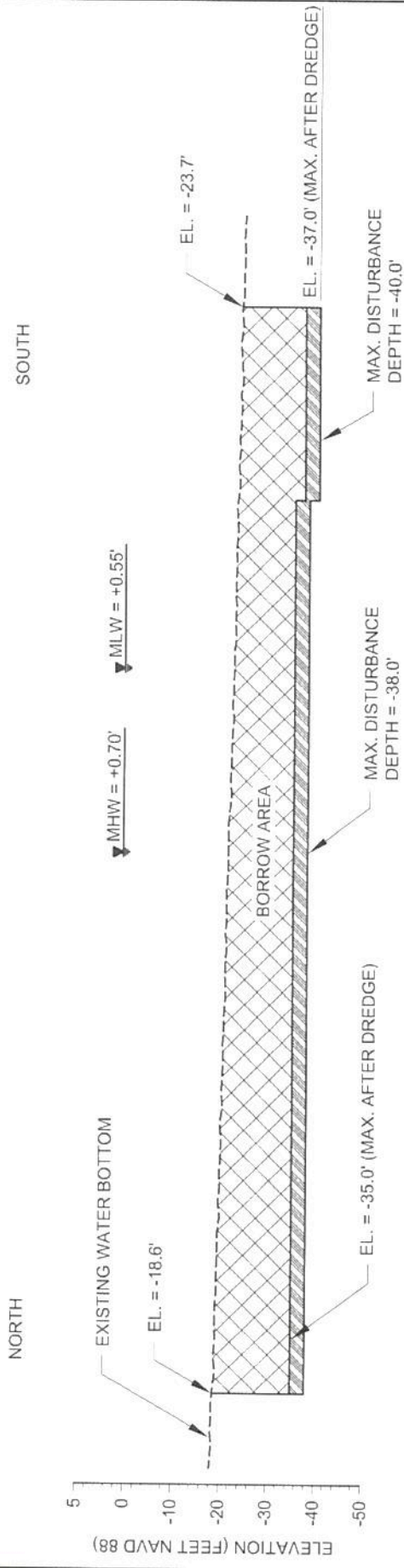
APPLICATION BY CPRA 150 TERRACE AVENUE BATON ROUGE, LA 70802	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	CAMERON MEADOWS MARSH CREATION AND TERRACING	EQUIPMENT ACCESS CORRIDOR LAYOUT
DRAWN BY: SHANE FAUST		STATE PROJECT NUMBER CS-0066 APPROVED BY: RUDY SIMONEAUX, P.E.	DATE JULY 2018 SHEET 23 OF 36



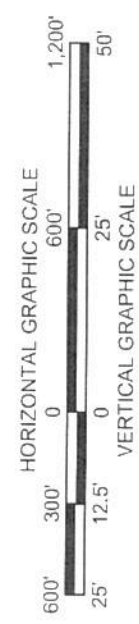


APPLICATION BY CPRA 150 TERRACE AVENUE BATON ROUGE, LA 70802	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	CAMERON MEADOWS MARSH CREATION AND TERRACING	EQUIPMENT ACCESS CORRIDOR LAYOUT
DRAWN BY SHANE FAUST	DESIGNED BY TYE FITZGERALD, P.E. - PE 0038153	STATE PROJECT NUMBER CS-0066 APPROVED BY RUDY SIMONEAUX, P.E.	DATE JULY 2018 SHEET 24 OF 36





**BORROW AREA**  
3 TYPICAL SECTION



- NOTES:**
1. THE CONTRACTOR MAY DISTURB UP TO THREE (3) FEET BENEATH AFTER DREDGE (AD) ELEVATION WITH THEIR EQUIPMENT.
  2. THE MAXIMUM AFTER DREDGE ELEVATIONS ARE THE MAXIMUM DEPTHS ALLOWED WITHIN THE BORROW AREA PER THE PERMITS AND BASED ON THE AFTER DREDGE SURVEYS.

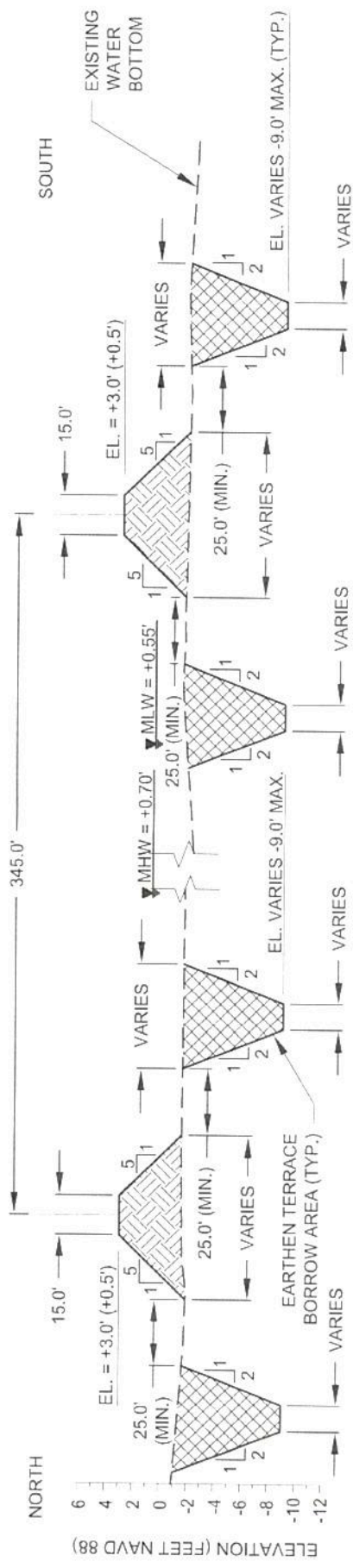
LEGEND	
	BORROW AREA
	MAX. DISTURBANCE DEPTH
	EXISTING WATER BOTTOM

APPLICATION BY: COASTAL PROTECTION & RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LA 70802	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	CAMERON MEADOWS MARSH CREATION AND TERRACING	TYPICAL BORROW AREA SECTION
DRAWN BY: SHANE FAUST	DESIGNED BY: TYE FITZGERALD, P.E. - PE.0038153	STATE PROJECT NUMBER: CS-0066 APPROVED BY: RUDY SIMONEAUX, P.E.	DATE: JULY 2018
			SHEET 25 OF 36

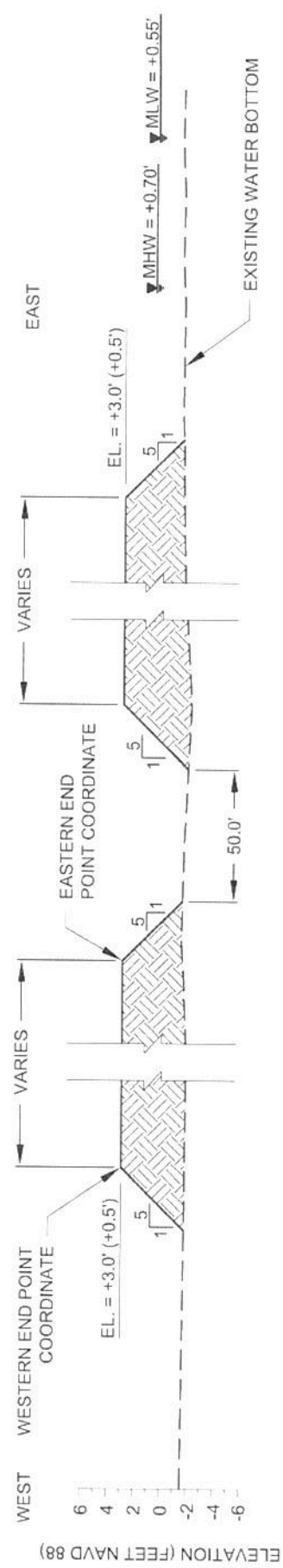




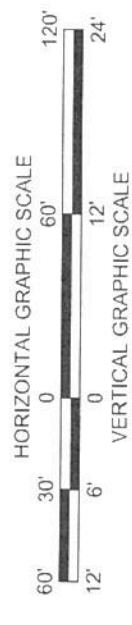




ET1  
4  
EARTHEN TERRACE  
TYPICAL SECTION



ET2  
4  
EARTHEN TERRACE  
TYPICAL SECTION



LEGEND	
[Pattern]	EARTHEN TERRACE
[Pattern]	EARTHEN TERRACE BORROW AREA
[Pattern]	EXISTING WATER BOTTOM

NOTE:  
THE EARTHEN TERRACES SHALL BE CONSTRUCTED USING IN-SITU MATERIAL.

APPLICATION BY: COASTAL PROTECTION & RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LA 70802	CAMERON MEADOWS MARSH CREATION AND TERRACING		TYPICAL EARTHEN TERRACE SECTIONS
	COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAURIE STREET BATON ROUGE, LOUISIANA 70801		STATE PROJECT NUMBER: CS-0066 DATE: JULY 2018
	DESIGNED BY: TYE FITZGERALD, P.E. - PE 0038153 DRAWN BY: SHANE FAUST		APPROVED BY: RUDY SIMONEAUX, P.E. SHEET 27 OF 36



# EARTHEN TERRACE INFLECTION POINT COORDINATES

TERRACE	COORDINATE	LONG.	LAT.	TERRACE	COORDINATE	LONG.	LAT.	TERRACE	COORDINATE	LONG.	LAT.
T1	1	93° 39' 09.89"	29° 47' 59.24"	T10	1	93° 38' 54.07"	29° 48' 31.86"	T19	1	93° 38' 49.08"	29° 48' 12.52"
	2	93° 38' 56.96"	29° 48' 40.07"		2	93° 38' 52.77"	29° 48' 22.89"		2	93° 38' 48.00"	29° 48' 13.45"
	3	93° 38' 55.30"	29° 48' 39.73"		3	93° 38' 51.11"	29° 48' 22.55"		3	93° 38' 46.35"	29° 48' 13.11"
	4	93° 38' 53.96"	29° 48' 40.89"		4	93° 38' 49.77"	29° 48' 23.71"		4	93° 38' 45.00"	29° 48' 14.27"
T2	1	93° 38' 55.51"	29° 48' 46.61"	T11	1	93° 38' 48.79"	29° 48' 24.56"	T20	1	93° 38' 44.03"	29° 48' 15.12"
	2	93° 38' 54.44"	29° 48' 47.54"		2	93° 38' 47.72"	29° 48' 25.49"		2	93° 38' 42.95"	29° 48' 16.05"
	3	93° 38' 52.55"	29° 48' 37.30"		3	93° 38' 46.06"	29° 48' 25.15"		3	93° 38' 41.30"	29° 48' 15.71"
	4	93° 38' 51.21"	29° 48' 38.46"		4	93° 38' 44.72"	29° 48' 26.31"		4	93° 38' 39.95"	29° 48' 16.87"
T3	1	93° 38' 57.58"	29° 48' 31.69"	T12	1	93° 38' 55.62"	29° 48' 17.09"	T21	1	93° 38' 50.86"	29° 48' 07.64"
	2	93° 38' 56.50"	29° 48' 32.62"		2	93° 38' 54.54"	29° 48' 18.02"		2	93° 38' 49.78"	29° 48' 08.58"
	3	93° 38' 54.84"	29° 48' 32.28"		3	93° 38' 52.89"	29° 48' 17.67"		3	93° 38' 48.12"	29° 48' 08.23"
	4	93° 38' 53.50"	29° 48' 33.44"		4	93° 38' 51.55"	29° 48' 18.83"		4	93° 38' 46.78"	29° 48' 09.39"
T4	1	93° 38' 52.53"	29° 48' 34.29"	T13	1	93° 38' 50.57"	29° 48' 19.68"	T22	1	93° 38' 45.81"	29° 48' 10.24"
	2	93° 38' 51.45"	29° 48' 35.22"		2	93° 38' 49.50"	29° 48' 20.61"		2	93° 38' 44.73"	29° 48' 11.17"
	3	93° 38' 49.79"	29° 48' 34.88"		3	93° 38' 47.83"	29° 48' 20.27"		3	93° 38' 43.08"	29° 48' 10.83"
	4	93° 38' 48.45"	29° 48' 36.04"		4	93° 38' 46.50"	29° 48' 21.43"		4	93° 38' 41.73"	29° 48' 11.99"
T5	1	93° 38' 54.82"	29° 48' 29.27"	T14	1	93° 38' 45.52"	29° 48' 22.28"	T23	1	93° 38' 40.76"	29° 48' 12.84"
	2	93° 38' 53.74"	29° 48' 30.20"		2	93° 38' 44.45"	29° 48' 23.21"		2	93° 38' 39.68"	29° 48' 13.77"
	3	93° 38' 52.09"	29° 48' 29.86"		3	93° 38' 42.79"	29° 48' 22.87"		3	93° 38' 38.03"	29° 48' 13.42"
	4	93° 38' 50.74"	29° 48' 31.02"		4	93° 38' 41.45"	29° 48' 24.03"		4	93° 38' 36.68"	29° 48' 14.58"
T6	1	93° 38' 49.77"	29° 48' 31.86"	T15	1	93° 38' 52.35"	29° 48' 14.80"	T24	1	93° 38' 52.64"	29° 48' 02.77"
	2	93° 38' 48.69"	29° 48' 32.79"		2	93° 38' 51.27"	29° 48' 15.73"		2	93° 38' 51.56"	29° 48' 03.70"
	3	93° 38' 47.04"	29° 48' 32.45"		3	93° 38' 49.62"	29° 48' 15.39"		3	93° 38' 49.90"	29° 48' 03.36"
	4	93° 38' 45.65"	29° 48' 31.63"		4	93° 38' 48.27"	29° 48' 16.55"		4	93° 38' 48.56"	29° 48' 04.52"
T7	1	93° 38' 57.11"	29° 48' 24.24"	T16	1	93° 38' 47.30"	29° 48' 17.40"	T25	1	93° 38' 47.59"	29° 48' 05.36"
	2	93° 38' 56.04"	29° 48' 25.17"		2	93° 38' 46.22"	29° 48' 18.33"		2	93° 38' 46.51"	29° 48' 06.29"
	3	93° 38' 54.37"	29° 48' 24.54"		3	93° 38' 44.57"	29° 48' 17.99"		3	93° 38' 44.85"	29° 48' 05.95"
	4	93° 38' 56.44"	29° 48' 25.93"		4	93° 38' 43.22"	29° 48' 19.15"		4	93° 38' 43.51"	29° 48' 07.11"
T8	1	93° 38' 52.06"	29° 48' 26.84"	T17	1	93° 38' 42.25"	29° 48' 19.99"	T26	1	93° 38' 42.54"	29° 48' 07.96"
	2	93° 38' 50.99"	29° 48' 27.77"		2	93° 38' 41.17"	29° 48' 20.92"		2	93° 38' 41.46"	29° 48' 08.89"
	3	93° 38' 49.33"	29° 48' 27.43"		3	93° 38' 39.52"	29° 48' 20.58"		3	93° 38' 39.80"	29° 48' 08.55"
	4	93° 38' 47.98"	29° 48' 28.59"		4	93° 38' 38.17"	29° 48' 21.74"		4	93° 38' 38.46"	29° 48' 09.71"
T9	1	93° 38' 47.01"	29° 48' 29.43"	T18	1	93° 38' 54.13"	29° 48' 09.93"	T27	1	93° 38' 37.47"	29° 48' 09.66"
	2	93° 38' 45.94"	29° 48' 30.36"		2	93° 38' 53.05"	29° 48' 10.86"		2	93° 38' 36.41"	29° 48' 11.48"
	3	93° 38' 44.28"	29° 48' 30.02"		3	93° 38' 51.40"	29° 48' 10.52"		3	93° 38' 34.75"	29° 48' 11.14"
	4	93° 38' 42.94"	29° 48' 31.18"		4	93° 38' 50.05"	29° 48' 11.68"		4	93° 38' 33.41"	29° 48' 12.30"

APPLICATION BY:

COASTAL PROTECTION & RESTORATION AUTHORITY  
150 TERRACE AVENUE  
BATON ROUGE, LA 70802

COASTAL PROTECTION AND  
RESTORATION AUTHORITY  
450 LAUREL STREET  
BATON ROUGE, LOUISIANA 70801

CAMERON MEADOWS MARSH  
CREATION AND TERRACING

EARTHEN TERRACE  
COORDINATES

DRAWN BY: SHANE FAUST

DESIGNED BY: TYE FITZGERALD, P.E. - PE.0038153

HATON ROUGE, LOUISIANA 70801

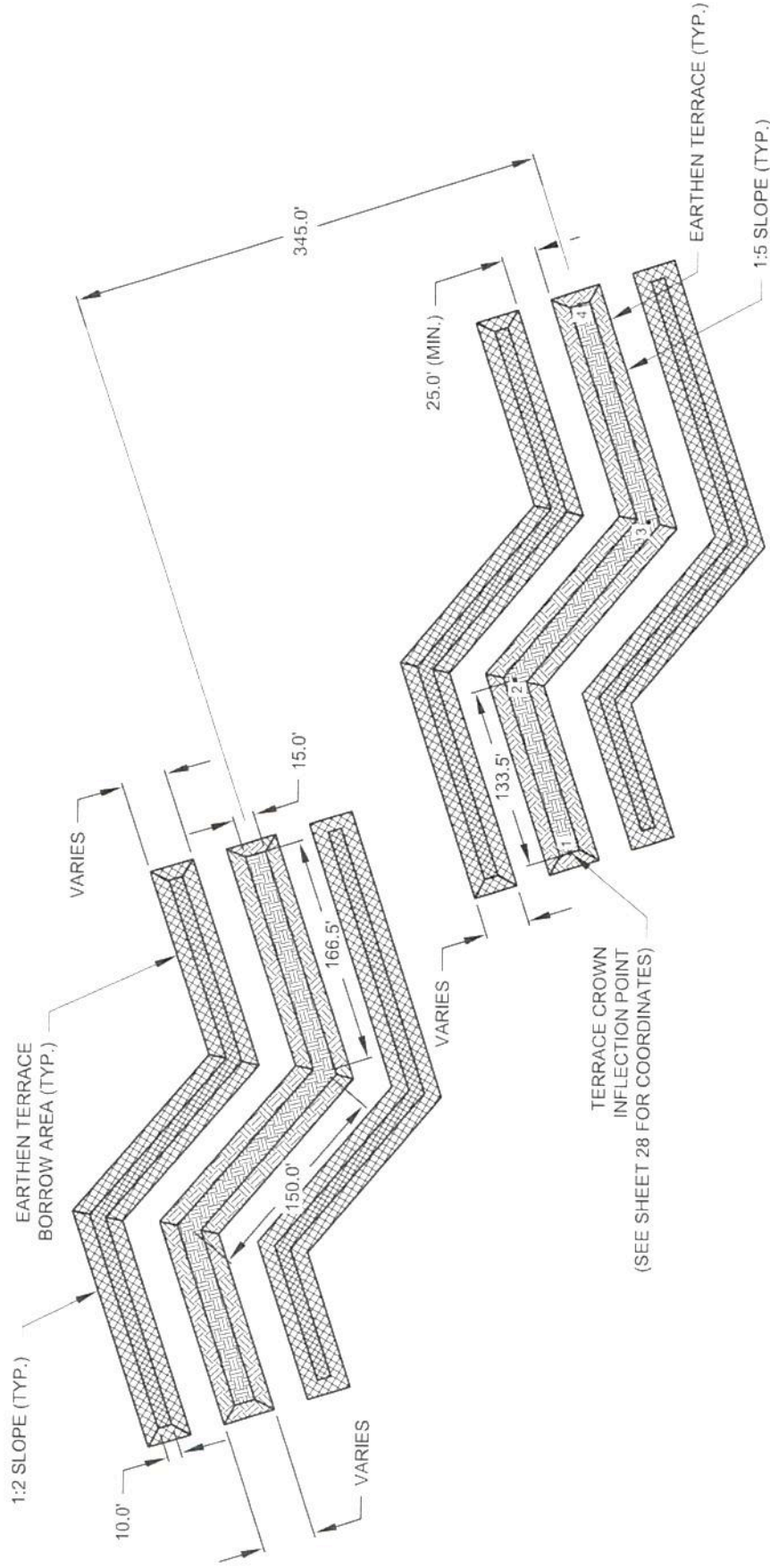
STATE PROJECT NUMBER: CS-0066

APPROVED BY: RUDY SIMONEAUX, P.E.

DATE: JULY 2018

SHEET 28 OF 36





TYPICAL EARTHEN TERRACE DETAIL  
PLAN VIEW

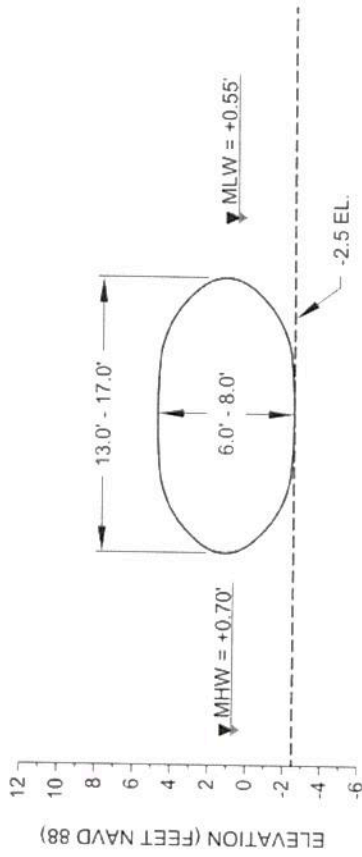


NOTE:  
THE EARTHEN TERRACES SHALL BE CONSTRUCTED USING IN-SITU MATERIAL.

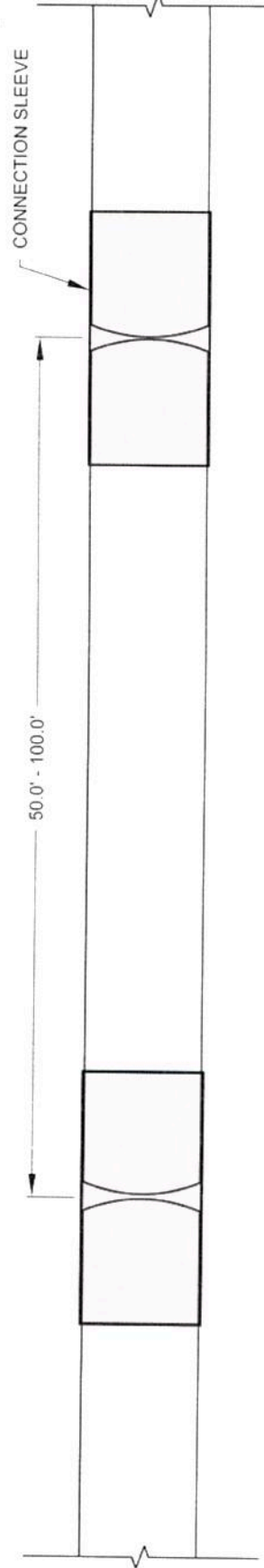
LEGEND	
	EARTHEN TERRACE
	EARTHEN TERRACE BORROW AREA

APPLICATION BY: COASTAL PROTECTION & RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LA 70802	CAMERON MEADOWS MARSH CREATION AND TERRACING		TYPICAL EARTHEN TERRACE DETAILS
	DESIGNED BY: TYE FITZGERALD, P.E. - PE.0038153	STATE PROJECT NUMBER: CS-0066	DATE: JULY 2018
DRAWN BY: SHANE FAUST	APPROVED BY: RUDY SIMONEAUX, P.E.	SHEET 29 OF 36	





**SECTION VIEW**

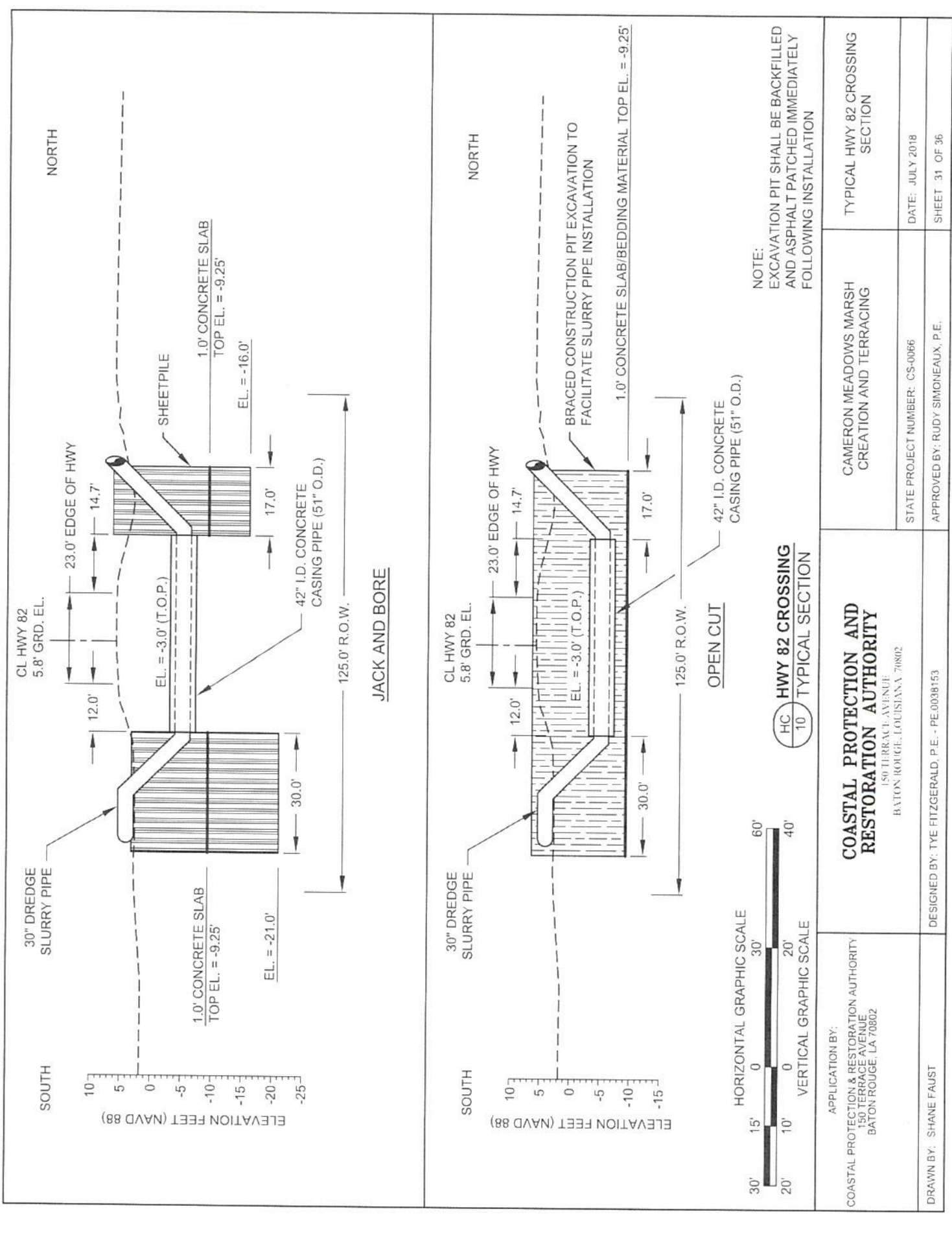


**PLAN VIEW**



APPLICATION BY: COASTAL PROTECTION & RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LA 70802	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	CAMERON MEADOWS MARSH CREATION AND TERRACING	WATER BLADDER DETAIL
DRAWN BY: KRISTI CANTU	DESIGNED BY: TYE FITZGERALD, P.E. · PE 0038153	STATE PROJECT NUMBER CS-0066 APPROVED BY: RUDY SIMONEAUX, P.E.	DATE: JULY 2018 SHEET 30 OF 36

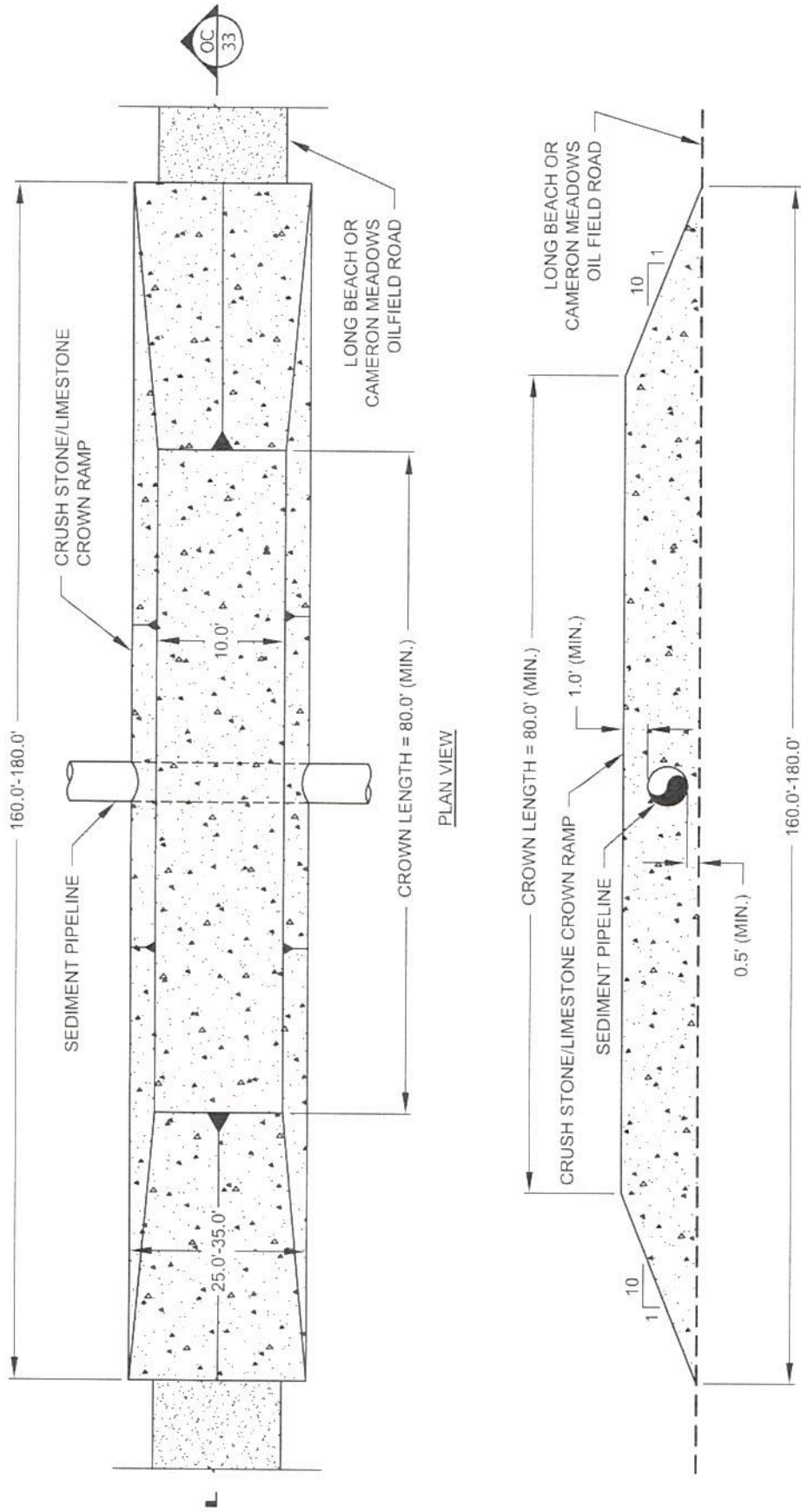










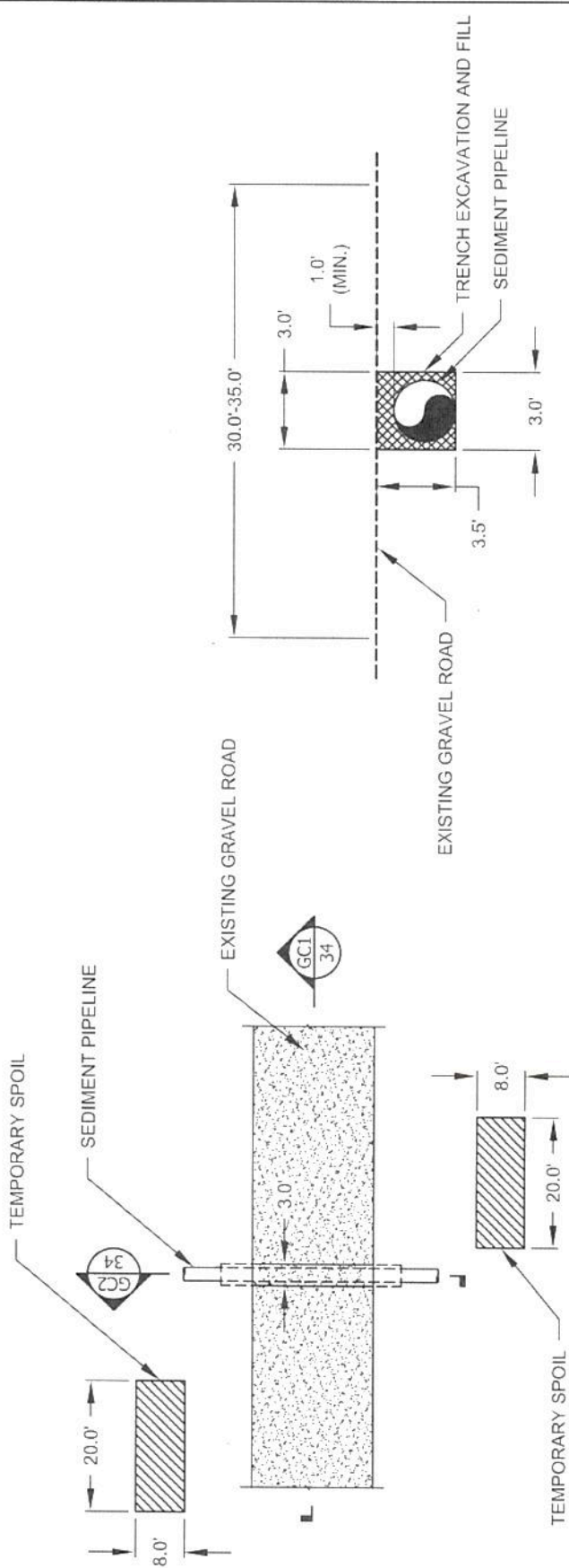


OC 33 ROAD CROSSING DETAIL  
NOT TO SCALE

NOTE:  
THE CROWN RAMP OVER THE PIPELINE CROSSINGS  
SHALL CONSIST OF CRUSHED STONE FOR FULL WIDTH  
AND LENGTH OF RAMP. THE CRUSH STONE MATERIAL  
SHALL CONFORM TO DOTD 2006 SPECIFICATION 1003.4 (a).

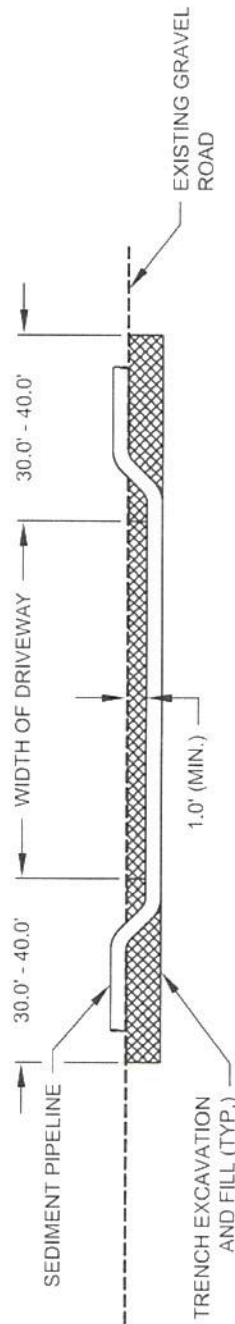
APPLICATION BY: COASTAL PROTECTION & RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LA 70802	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	CAMERON MEADOWS MARSH CREATION AND TERRACING	ROAD CROSSING DETAIL - LONG BEACH OR CAMERON MEADOWS OILFIELD ROAD
DRAWN BY: KRISTI CANTU	DESIGNED BY: TYE FITZGERALD, P.E. - PE.0038153	STATE PROJECT NUMBER: CS-0066	DATE: JULY 2018
		APPROVED BY: RUDY SIMONEAUX, P.E.	SHEET 33 OF 36





PLAN VIEW

GC1 BURIED CROSSING DETAIL 35 NOT TO SCALE

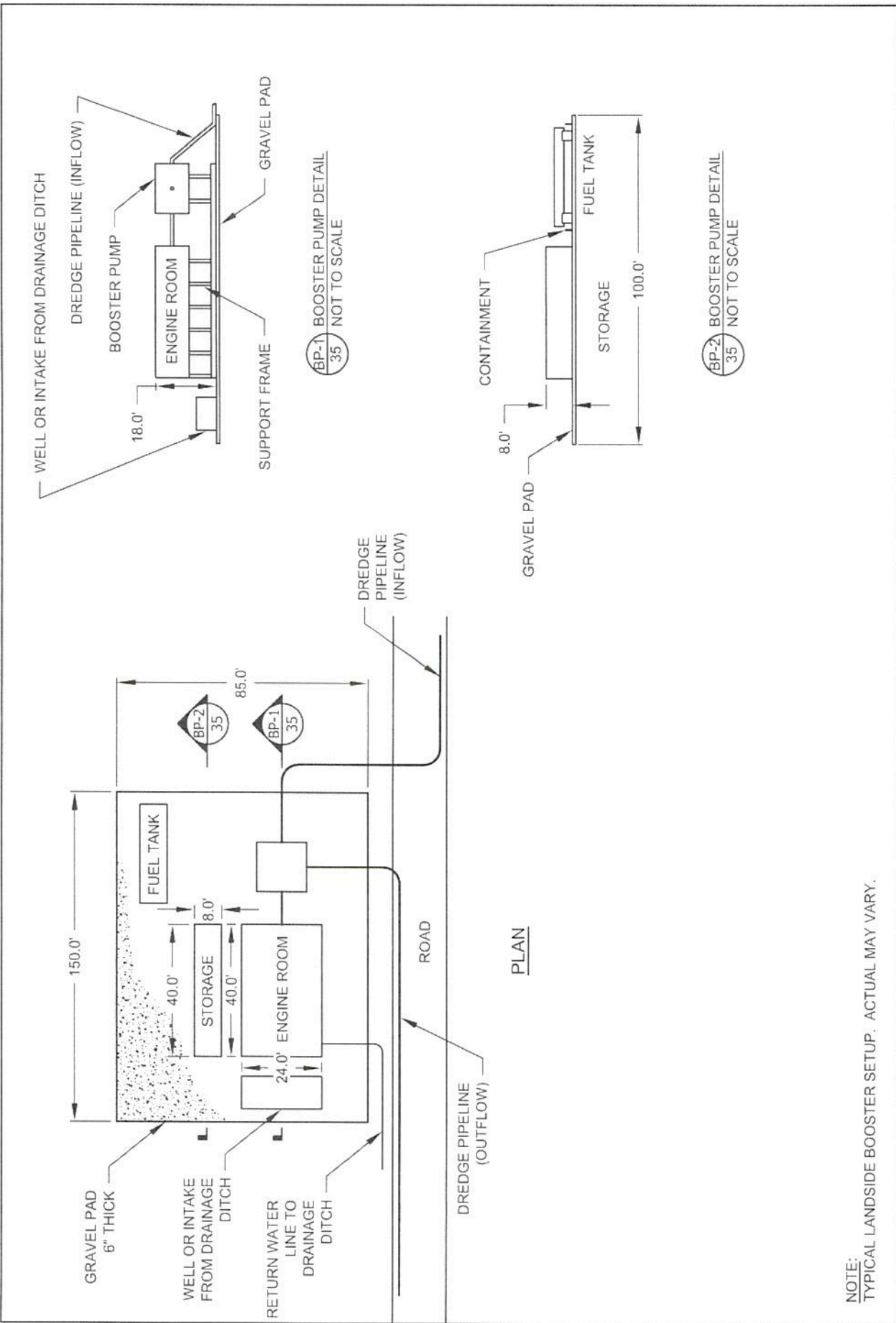


NOTE:  
TRENCH EXCAVATION SHALL BE BACK FILLED FROM THE  
TEMPORARY SPOIL AREAS.

GC2 BURIED CROSSING DETAIL 34 NOT TO SCALE

APPLICATION BY: COASTAL PROTECTION & RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LA 70802	CAMERON MEADOWS MARSH CREATION AND TERRACING	ROAD/DRIVEWAY CROSSING - BURIED
DRAWN BY: SHANE FAUST	STATE PROJECT NUMBER: CS-0066 APPROVED BY: RUDY SIMONEAUX, P.E.	DATE: JULY 2018 SHEET 34 OF 36

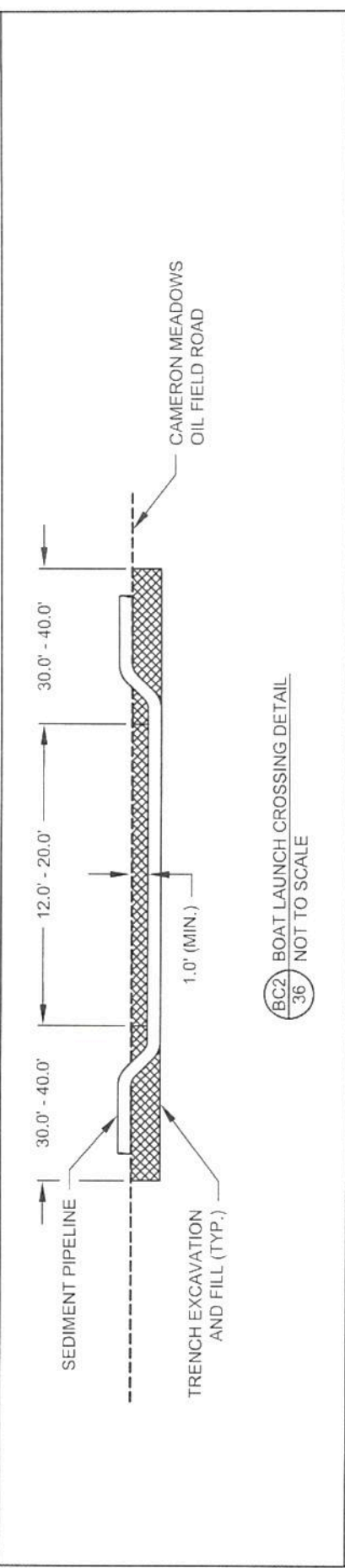
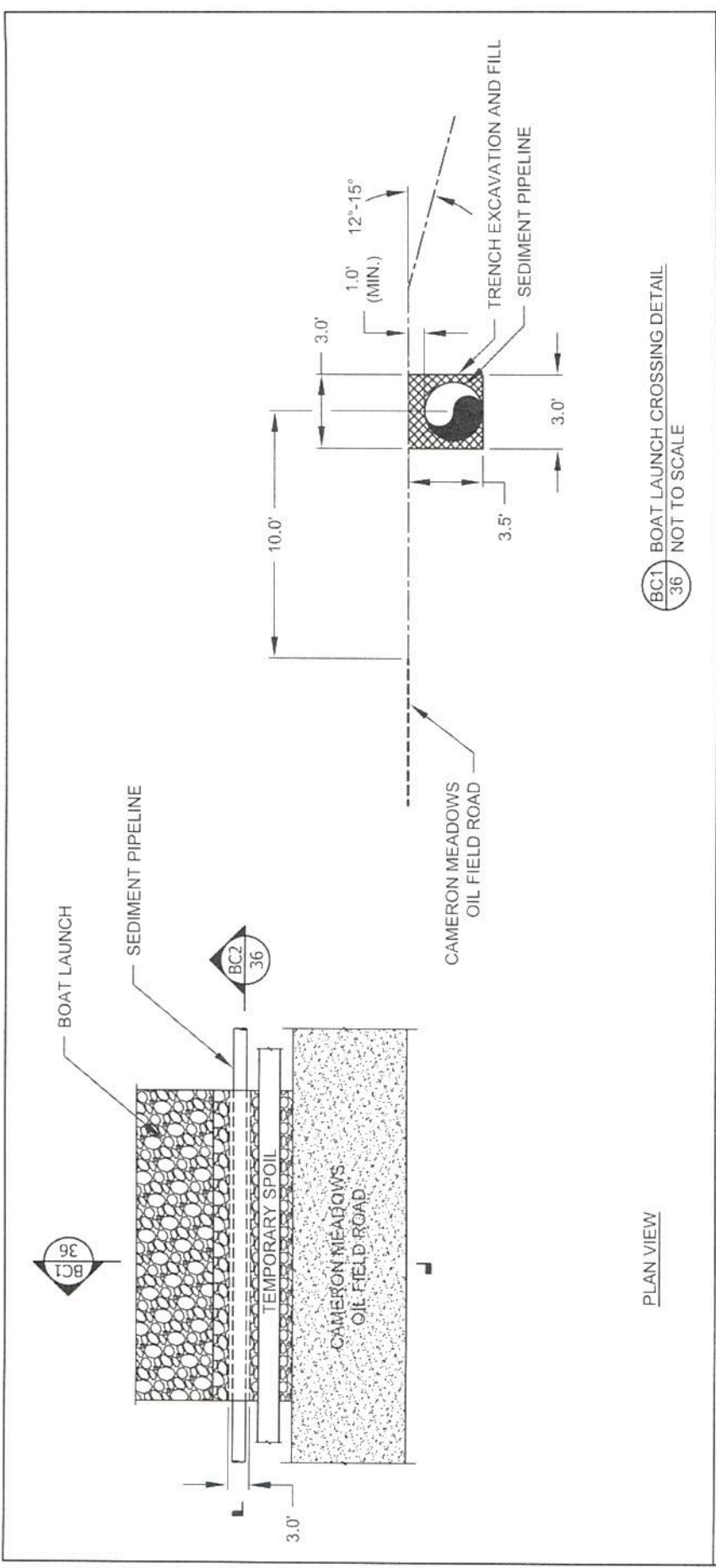




NOTE:  
TYPICAL LANDSIDE BOOSTER SETUP. ACTUAL MAY VARY.

APPLICATION BY: COASTAL PROTECTION & RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LA 70802	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	CAMERON MEADOWS MARSH CREATION AND TERRACING	LANDSIDE BOOSTER PUMP DETAIL
DRAWN BY: SHANE FAUST	DESIGNED BY: TYE FITZGERLAD, P.E. - PE.0038153	STATE PROJECT NUMBER: CS-0066	DATE: JULY 2018
		APPROVED BY: RUDY SIMONEAUX, P.E.	SHEET 35 OF 36





APPLICATION BY: COASTAL PROTECTION & RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LA 70802	<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	CAMERON MEADOWS MARSH CREATION AND TERRACING	BOAT LAUNCH CROSSING - BURIED
DRAWN BY: SHANE FAUST	DESIGNED BY: TYE FITZGERALD, P.E. - PE 0038153	STATE PROJECT NUMBER: CS-0066	DATE: JULY 2018
		APPROVED BY: RUDY SIMONEAUX, P.E.	SHEET 36 OF 36



