



REPLY TO
ATTENTION OF:

Operations Division
Eastern Evaluation Section

DEPARTMENT OF THE ARMY
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS
P.O. BOX 60267
NEW ORLEANS, LOUISIANA 70160-0267

AUG 12 2011

Subject: MVN 2011-1980 EBB

Fugro Consultants, Inc.
4233 Rhoda
Baton Rouge, Louisiana 70816

Gentlemen:

The proposed work, performing eighteen soil borings and twenty-four Cone Penetrometer soundings, all to obtain geotechnical information for the Mississippi River Long Distance Sediment Pipeline Project, located from the Mississippi River to the Barataria Waterway, Sections 47, 48 & 49; T16S-R24E, in Jefferson Parish, Louisiana, as shown on the enclosed drawings, is authorized under **Category I** of the **Programmatic General Permit** provided that all conditions of the permit are met. In addition, the following special condition is made part of this authorization:

1. Any wetlands that are disturbed during project implementation, including the temporary crossing of wetland areas, will be restored to their preproject elevations and conditions, including replanting.

This authorization has a blanket water quality certification from the Louisiana Department of Environmental Quality; 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 terms of this permit. These approvals include, but are not limited to, a permit or waiver from the Coastal Management Division of the Louisiana Department of Natural Resources.

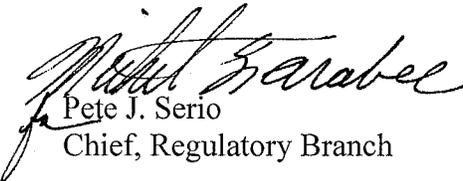
If the work is initiated within two (2) years of the date of this letter, the authorization remains valid for a total of five (5) years from the date of this letter. If the work is not initiated within two (2) years, this authorization becomes null and void.

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

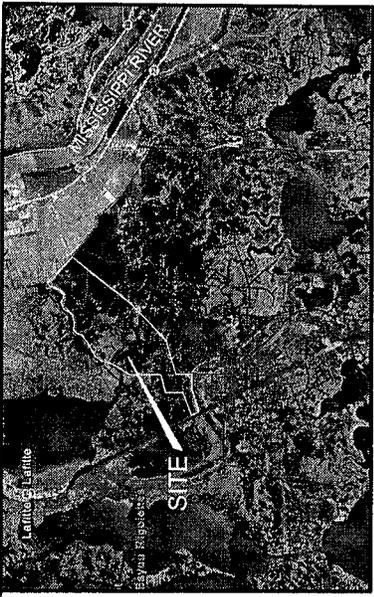
The New Orleans District Regulatory Branch is committed to providing quality and timely service to our customers. In an effort to improve customer service, please take a moment to complete and return the attached Customer Service Survey or go to the survey found on our web site at <http://per2.nwp.usace.army.mil/survey.html>.

Should you have any further questions concerning this matter, please call Jennifer Burkett of this office at (504) 862-2045.

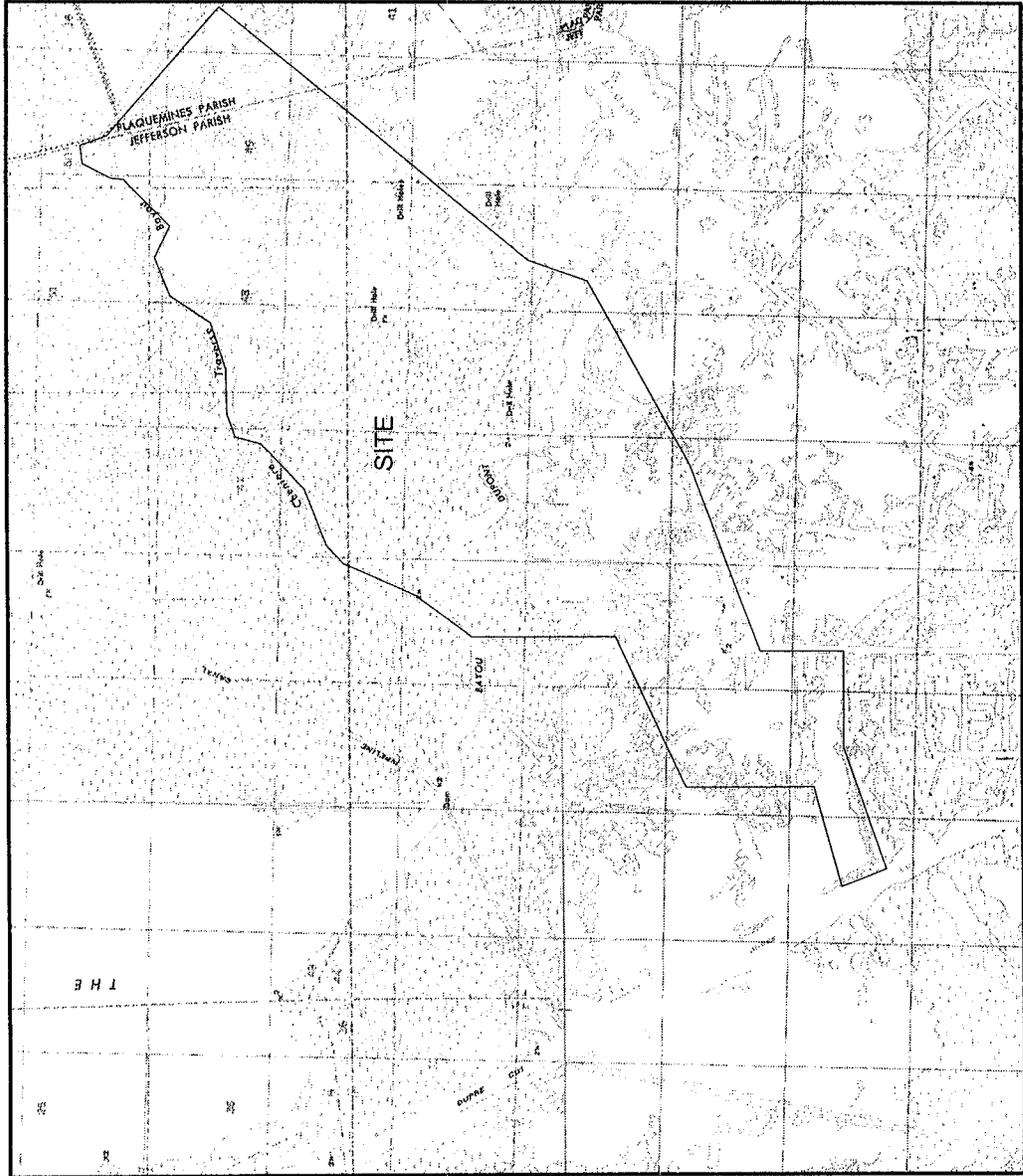
Sincerely,


Pete J. Serio
Chief, Regulatory Branch

Enclosures



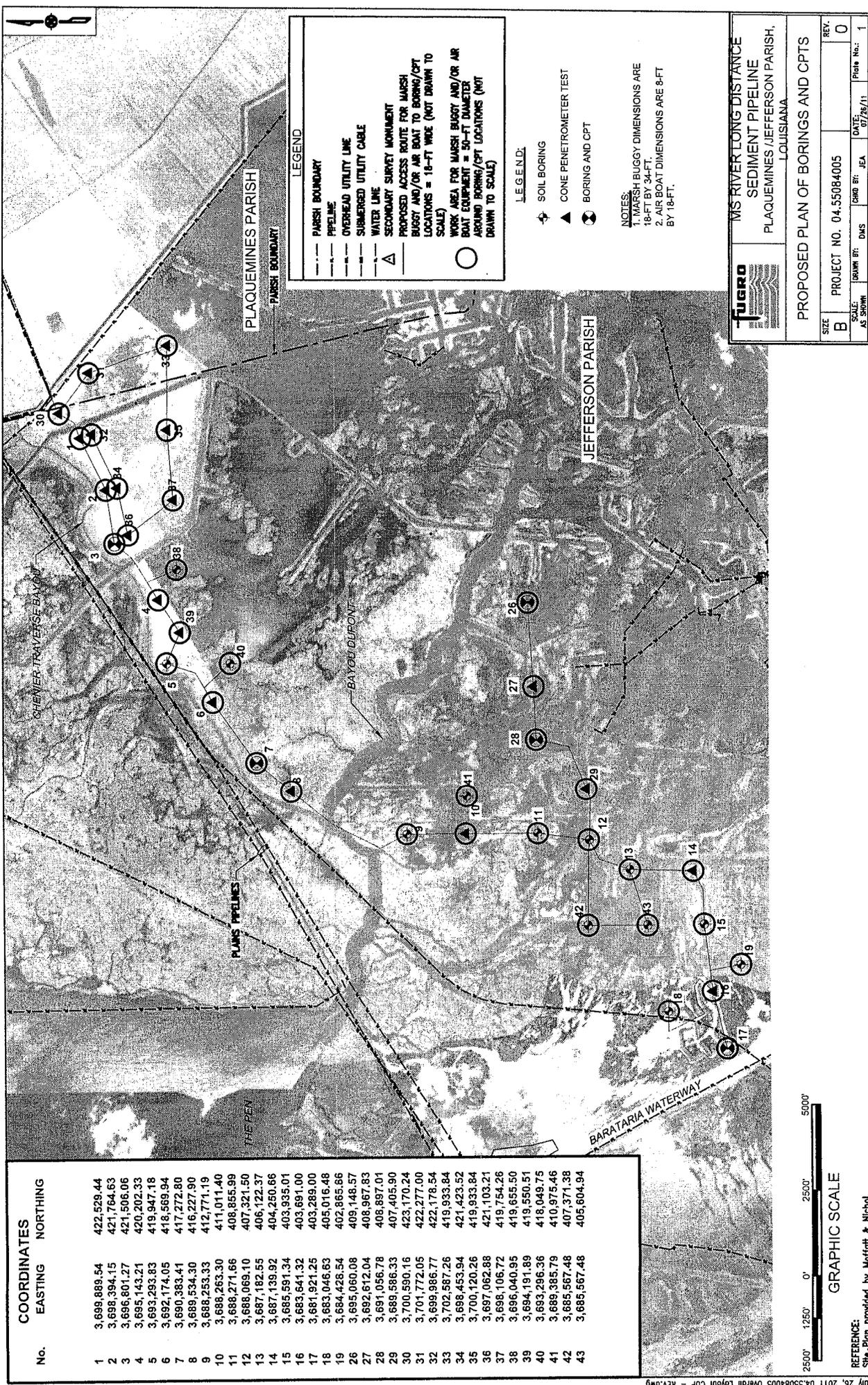
VICINITY MAP



0 3200±
(feet)
APPROXIMATE SCALE

REFERENCE:
Images by Google Earth Pro, USGS Quadrangle
Maps of Lafitte, Louisiana, 1995 edition and
Three Bayou Bay, Louisiana, 1998 edition.

		MS RIVER LONG DISTANCE SEDIMENT PIPELINE PLAQUEMINES PARISH, LOUISIANA	
SITE AND VICINITY MAPS			
SIZE B	PROJECT NO. 04.55084005	REV. 0	DATE 07/25/11
SCALE: AS SHOWN	DRAWN BY: DMS	CHECK BY: JEA	PLOT No.: 1



No.	COORDINATES	
	EASTING	NORTHING
1	3,699,869.54	422,529.44
2	3,698,394.15	421,764.63
3	3,696,801.27	421,506.06
4	3,695,143.21	420,202.33
5	3,693,293.83	419,947.18
6	3,692,174.05	418,569.94
7	3,690,383.41	417,272.80
8	3,689,534.30	416,227.90
9	3,688,253.33	412,771.19
10	3,688,263.30	411,011.40
11	3,688,274.66	408,855.99
12	3,688,069.10	407,321.50
13	3,687,182.55	406,122.37
14	3,687,139.92	404,250.66
15	3,685,591.34	403,935.01
16	3,683,641.32	403,691.00
17	3,681,921.25	403,289.00
18	3,683,046.63	405,016.48
19	3,684,426.54	402,865.66
20	3,695,060.08	409,148.57
21	3,692,612.04	408,967.83
22	3,691,056.78	408,897.01
23	3,689,586.33	407,405.90
24	3,700,590.16	423,170.24
25	3,701,772.05	422,277.00
26	3,699,986.77	422,178.54
27	3,702,587.26	419,933.84
28	3,698,453.94	421,423.52
29	3,700,120.26	419,933.84
30	3,697,062.88	421,103.21
31	3,698,106.72	419,754.26
32	3,696,040.95	419,655.50
33	3,694,191.89	419,550.51
34	3,693,296.36	418,049.75
35	3,689,385.79	410,975.46
36	3,685,567.48	407,371.38
37	3,685,567.48	405,604.94

LEGEND:

- PARISH BOUNDARY
- PIPELINE
- OVERHEAD UTILITY LINE
- SUBMERGED UTILITY CABLE
- WATER LINE
- △ SECONDARY SURVEY MONUMENT
- PROPOSED ACCESS ROUTE FOR MARSH BUGGY AND/OR AIR BOAT TO BORING/CPT LOCATIONS = 18-FT WIDE (NOT DRAWN TO SCALE)
- WORK AREA FOR MARSH BUGGY AND/OR AIR BOAT EQUIPMENT = 50-FT DIAMETER AROUND BORING/CPT LOCATIONS (NOT DRAWN TO SCALE)

LEGEND:

- ⊕ SOIL BORING
- ▲ CONE PENETROMETER TEST
- ⊗ BORING AND CPT

NOTES:

- MARSH BUGGY DIMENSIONS ARE 18-FT BY 34-FT.
- AIR BOAT DIMENSIONS ARE 8-FT BY 18-FT.

TUGRO
 CONSULTING ENGINEERS
 1000 PINE BLVD
 SUITE 200
 METairie, LA 70002

**MS RIVER LONG DISTANCE
 SEDIMENT PIPELINE
 PLAQUEMINES /JEFFERSON PARISH,
 LOUISIANA**

PROPOSED PLAN OF BORINGS AND CPTS

SIZE	PROJECT NO.	REV.
B	04.55084005	0
SCALE	DRAWN BY:	DATE
AS SHOWN	DMS	07/26/11
	CHECK BY:	PLATE NO.:
	JEA	1



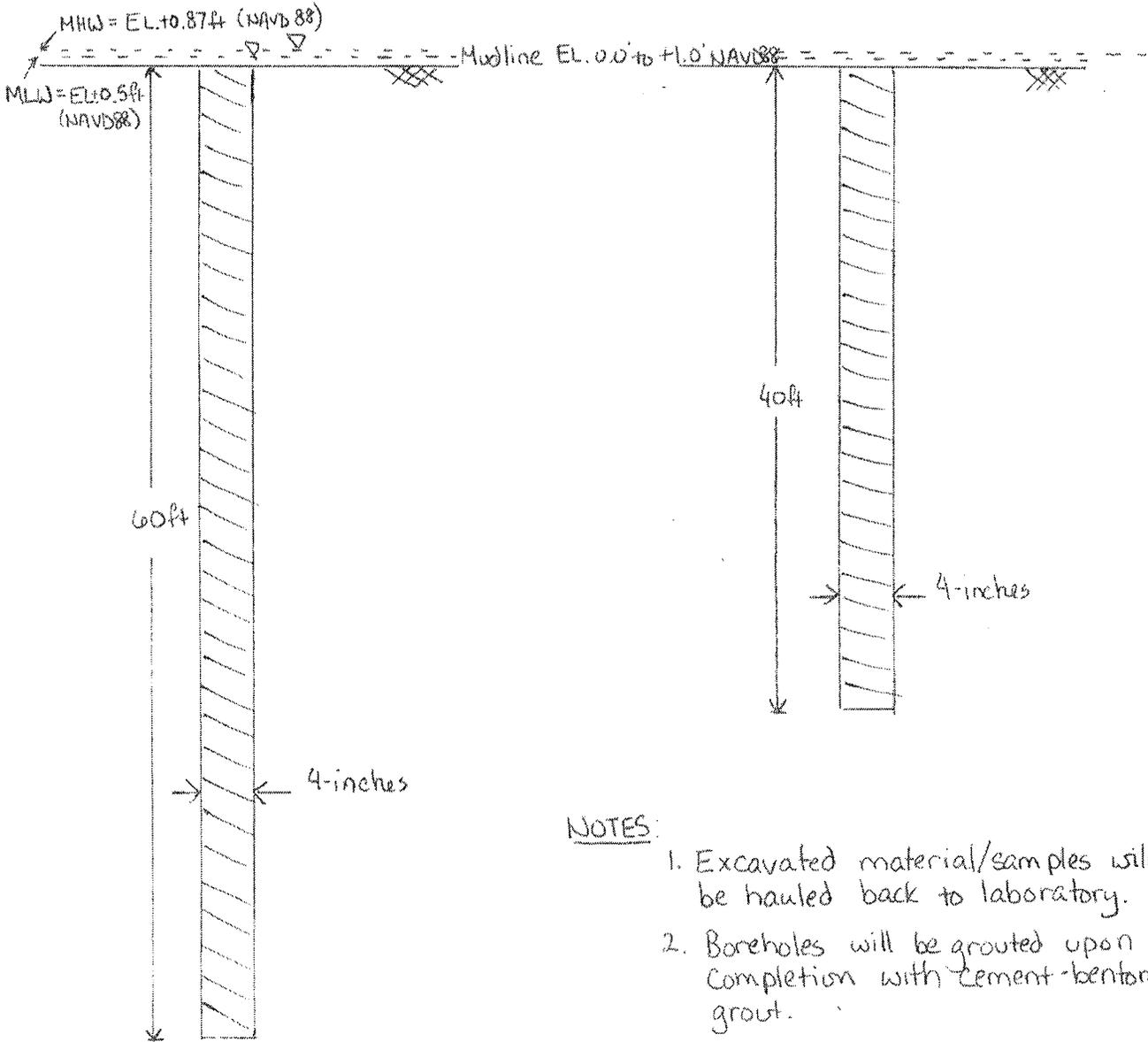
REFERENCE:
 Site Plan provided by Moffitt & Nichol.



Cross-Sections of Borings

BORING 1

BORING 2



NOTES:

1. Excavated material/samples will be hauled back to laboratory.
2. Boreholes will be grouted upon completion with cement-bentonite grout.
3. No dredging operations will be performed as part of our drilling operations.

Vertical Scale: 1-inch = 10-ft

Horizontal Scale: 1-inch = 1-ft

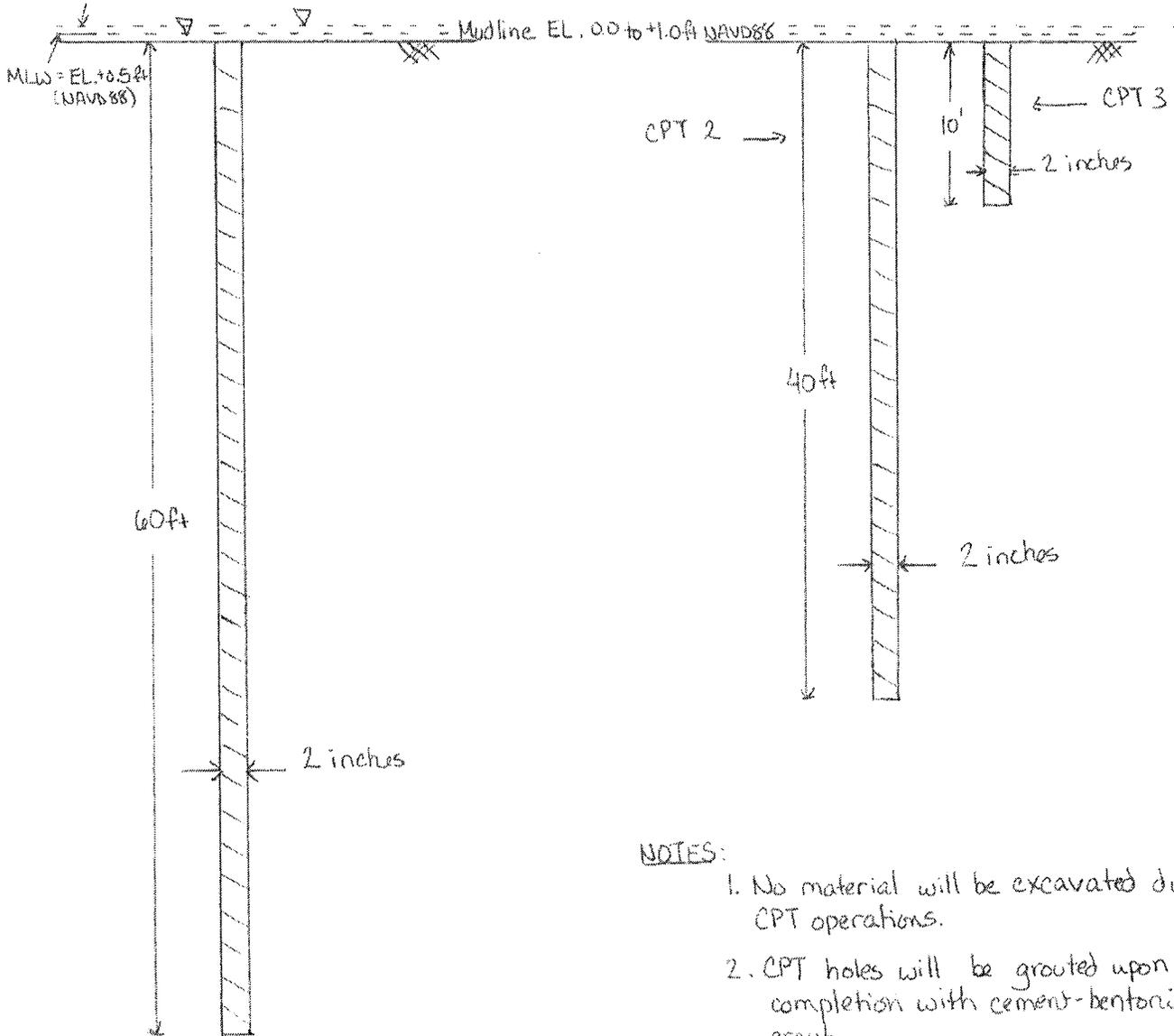


Cross-Sections of Cone Penetrometer Test Soundings

CPT 1

CPT 2 and 3

MHW = EL. +0.87ft (NAVD88)



Vertical Scale: 1-inch = 10-ft

Horizontal Scale: 1-inch = 1-ft

NOTES:

1. No material will be excavated during CPT operations.
2. CPT holes will be grouted upon completion with cement-bentonite grout.
3. No dredging operations will be performed as part of our CPT operations.

PGP SPECIAL CONDITIONS

Rev 07/2011

1. Activities authorized under this programmatic general permit (PGP) 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 action. Multi-phased projects shall be treated 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 Army Corps of Engineers, New Orleans District Regulatory Branch (CEMVN). 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 CEMVN-PGP authorization will be revoked if it is determined that cultural resources would be adversely affected, and an individual permit may be necessary.

3. The Chitimacha Tribe of Louisiana has stated that the project area is part of the aboriginal Chitimacha homelands. If during the course of work at the site, prehistoric and/or historic aboriginal cultural materials are discovered, the permittee shall contact the Chitimacha Tribe of Louisiana at P.O. Box 661, Charenton, LA 70523, and the US Army Corps of Engineers, New Orleans District, Regulatory Branch (CEMVN). CEMVN, Regulatory Branch will initiate the required federal, state, and tribal coordination to determine the significance of the cultural materials and the need, if applicable, for additional cultural resource investigations.

4. 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.

5. No activity may substantially disrupt the movement of those species of aquatic life indigenous to the waterbody, including those species which normally migrate through the area, unless the activity's primary purpose is to block or impound water.

6. If the proposed 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 Springs, Maryland 20910-3282.

7. For pipelines under an anchorage or a designated fairway in the Gulf of Mexico the following is applicable:

The National Ocean Service 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 U.S. Coast Guard, Sector New Orleans Command Center, 201 Hammond Highway, Metairie, Louisiana 70005, and to the Director, National Ocean Service, Office of Coast Survey, N/CS261, 1315 East West Highway, Silver Springs, Maryland 20910-3282. The plans must include the location, configuration and actual burial depth of the completed pipeline project.

8. If the proposed 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 U.S. Coast Guard, about 1 month before you plan to start work, so that a Notice to Mariners, if required, may be prepared. Telephone inquiries can be directed to (504) 365-2282.

9. 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.

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

11. Irrespective of whether a project meets the criteria 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.

12. Any authorization granted under this permit may be either 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.

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

14. 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 CEMVN-PGP.

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

16. This general permit does not convey any property rights, either in real estate or material, or any exclusive privileges; nor does it 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 responsibility to obtain state or local assent required by law for the activity authorized herein.

17. The federal government will rely upon information and data supplied by the applicant in granting authorization under this permit. If information and data received subsequent to permit issuance prove to be false, incomplete, or inaccurate, the authorization may be modified, suspended, or revoked, in whole or in part.

18. Sewage generated through authorized activities 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.

19. Any modification, suspension, or revocation of this general permit, or actions granted under such, will not be the basis for any claim for damages against the United States.

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

21. A review of cumulative losses as authorized via this general permit will be accomplished yearly in or around the month of October. A report of losses will be furnished to the Environmental Protection Agency, the U.S. 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.

22. The New Orleans District will periodically review CEMVN-PGP and its terms, conditions, and processing procedures and will decide to either 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. Authorizations which have commenced or are under contract to commence prior to permit expiration will remain authorized provided the activity is completed within 12 months of the date of CEMVN-PGP expiration, modification, or revocation.

23. 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.

24. 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. 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.

25. 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 the find. We will initiate the Federal and State coordination required to determine if the discovery warrants a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

26. 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 owners agreement to accept the permit and abide by all conditions of the permit. This letter must be signed by both parties.

27. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit.

28. 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. If your project involves dredging and/or placement of fill, 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.

29. If the proposed work includes the installation of pipeline(s) in waterways, the permittee will maintain the burial depth below the mudline, as shown on the attached drawings. Maintenance operations under this permit include lowering the pipeline(s) to conform to erosive changes of the mudline contour. Burial of the pipeline(s) below the elevation shown on the drawings is authorized for maintenance of the required burial depth or if erosion is expected at the site.