Appendix B: Sample Forms, Plats and Projects

The samples included in Appendix B are from actual permits that were approved, and provide a variety of drawings that were adequate for approval, from hand drawn to professionally prepared schematics. These examples are for guidance purposes only. They may be used to help design your own project, and can be modified or emulated for specific needs.

The table below lists the examples included. To access a specific permit or drawings (plats), a shortcut link is provided by clicking highlighted text or clicking within the two columns on the right side of the table. The bookmarks panel on the side of the pdf will help navigate through the document as well.

1. **Vicinity map** – can be created by adding labels and information to a copy of a topographic or road map, by hand or digitally. They must include exact location of project site, name of all waterbodies and roads, north arrow and scale. DNR has a sample map that is included in this document, or at:
http://dnr.louisiana.gov/assets/docs/coastal/cup/sampleplats/1vicinity_map.pdf

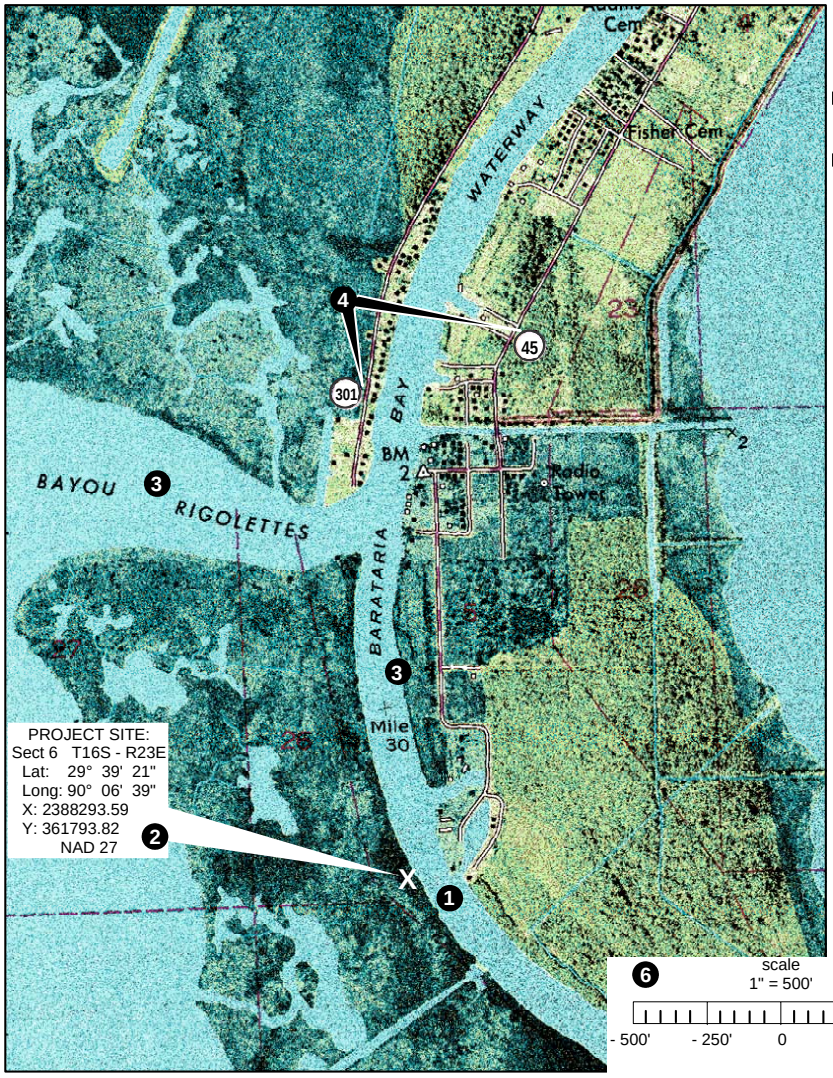
2. General Permit – on DNR website: Office of Coastal Management. General Permits take less time, but still require the same Joint Application Form and complete application packet with forms and plats used for a CUP. Within 5 days, if your project is determined to be inconsistent with the General Permit, you will be notified that it will be processed as an individual CUP.

	Permit Type	Permit Name	CUP No.	Permit	Plats
	Oil & Gas canal maintenance	GP-10		Permit	
	Maintenance dredging for private navigation	GP-15		Permit	
	Trenasse maintenance	GP-23		Permit	
	Trenasse clearing	Vermilion Corporation Trenasse Clearing	P20120494	Permit	Plats/drawings
	Trenasse maintenance	EA McIlhenny Trenasse Maintenance	P20121559	Permit	Plats/drawings
	Repair breach in levee	GP-28		Permit	Plats/drawings
3a. Hydrologic Restoration - Canal/Channel					
	Construction	Canal to irrigate crawfish ponds	P20120450	Permit	Plats/drawings
	Maintenance Dredging	EA McIlhenny Canal Maintenance Dredging	P20051608	Permit	Plats/drawings
	Prop-washing	Lobo Operating, Inc. Wheelwashing of existing pipeline canal	P20140002	Permit	Plats/drawings
	Debris removal	Vermilion Corp hurricane debris removal from trenasses	P20121401	Permit	Plats/drawings
	Plug	EA McIlhenny Plug Construction	P20070855	Permit	Plats/drawings
3b. Hydrologic Restoration - Typical WCS					
	Culvert	Aurore Ranch culverts and gaps through levees to facilitate the introduction of tidal waters and encourage establishment of fresh/intermediate marsh vegetation	P20110210	Permit	Plats/drawings
	Stop-log flap-gate	Drainage improvements on Sagrera Estates	P20130869	Permit	Plats/drawings
	Variable crest weir	Aurore Ranch Project manage waterlevels for waterfowl	P20120181	Permit	Plats/drawings
	Boat-bay weir	NFWF-approved structure			Plats/drawings
3c. Hydrologic Restoration - Levee					
	Levee construction	Enable management of waterfowl pond	P20100736	Permit	Plats/drawings
	Levee reconstruction	Forked Is Sports Club levee reconstruction	P20110617	Permit	Plats/drawings
	Spoil bank refurbishment	Spoil Bank refurbishment on Audubon, McIlhenny, Vermilion and Sagrera Estates	NFWF		Plats/drawings
	Levee repair/maintenance	EA McIlhenny Washout Repair Emergency Use Authorization (EUA)	P20100408	Permit	Plats/drawings
	Levee repair	ExxonMobil Levee Repair	P20090136	Permit	Plats/drawings

4. Marsh Creation/restoration					
	Terrace construction	Christian Marsh Terraces	P20100795	Permit	Plats/drawings
	Terrace construction	Energy Offshore Pecan Is Terraces	P20110781	Permit	Plats/drawings
	Dredge/fill; small-scale	Audubon Marsh creation using a small dredge	P20090649	Permit	Plats/drawings
5. Marsh Management					
	Marsh management	McIlhenny Resources Marsh Management	P20081541	Permit	Plats/drawings
	Marsh management	Chenier au Tigre Marsh Management (with stop-log culvert)	P20020507 (amended)	Permit	Plats/drawings
6. Bankline stabilization/ protection					
	Rock	Avoca Island bank line protection	P20120425	Permit	Plats/drawings
	Rock dike	FW Bayou Bank Stabilization (TV-11b)	P20100240	Permit	Plats/drawings
		Bayou Casmer bankline stabilization	P20111117	Permit	Plats/drawings
	Infill behind riprap	CHEVRON MIDSTREAM PIPELINES, LLC riprap, earthen fill, concrete mats erosion control	P20131514	Permit	Plats/drawings
7. Shoreline protection					
	Segmented Breakwater	Vermilion Parish Police Jury segmented oyster reef breakwaters	P20121454	Permit	Plats/drawings
	Oyster reef Breakwater	Vermilion Parish Police Jury Artificial oyster reef breakwater	P20101450	Permit	Plats/drawings
	Oyster reef	TNC artificial oyster reef breakwater	P20090622		Plats/drawings
	armoring	Broussard Bros, Inc riprap and fill along existing canal	P20110124	Permit	Plats/drawings
8. Structures					
	bulkhead	Avery Guard House bulkhead	P20031357	Permit	Plats/drawings
	Bulkhead with tiebacks	Broussard Bros bulkhead construction with tiebacks	P20111429	Permit	Plats/drawings
	Wharf/pier/boathouse	Camp and wharf on Boston Canal	P20121112	Permit	Plats/drawings
9. Oil & Gas					
	exploration	CGG Veritas Seismic Survey	P20111579	Permit	Plats/drawings
	Structure removal	Chevron O&G Structure Removal	P20090983	Permit	Plats/drawings
	Plug and abandonment	ExxonMobil P&A	P20090022	Permit	Plats/drawings



VICINITY MAP



Vicinity map should include:

A vicinity map can be obtained from one of these sources:
a copy from a USGS 7.5 minute (1" = 2,000') quad map (**preferred**);
a copy of a road map, with scale (is generally acceptable);
or a map can be downloaded from the following websites:
Mapquest.com, Topozone.com, or Yahoo.com.
(Please remove extraneous advertisements from map before submitting)

1. Exact location of work site
2. Latitude/Longitude in degrees°- minutes'- seconds" format, and where available, Section - Township - Range {UTM (Universal Transverse Mercadum) can be provided for informational purposes but is not required, and should include whether the reference is NAD27 or NAD83}
3. Name of all major waterbodies in project vicinity
4. Roadway names and/or numbers
5. North Arrow
6. A drawing scale (i. e. 1" = 100', 1" = 2,000', etc) is preferred.

PLUS IF AVAILABLE:

- Access route from the nearest navigation channel to the project location
- Access route from shoreline to project location if in marsh
- Water depth at frequent intervals along the access route

Sample Plats # **1**

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT
P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

Coastal Use Permit – General Permit-10 (GP-10) (Amended)

Name and Address: Louisiana Department of Natural Resources; Office of Coastal Management P.O. Box 44487, Baton Rouge, LA 70804-4487

LOCATION: In the Louisiana Coastal Parishes of Ascension, Assumption, Calcasieu, Cameron, Iberia, Jefferson, Lafourche, Livingston, Orleans, Plaquemines, St. Bernard, St. Charles, St. James, St. John the Baptist, St. Martin, St. Mary, St. Tammany, Tangipahoa, Terrebonne and Vermilion.

DESCRIPTION: This Amended General Permit provides for the maintenance of existing channels, canals and slips that are used for access to oil, gas, and salt water disposal wells and production facilities within the Coastal Zone of Louisiana.

AMENDMENT: Revision to language in **II. Operating Conditions – A. and V. Special Conditions – B.**

This Amended permit supersedes the original permit which was issued July 16, 2012.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, operate and maintain the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources. Please be advised that a separate coastal use permit may be required for maintenance activities.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter, or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved, or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The permittee will notify the Office of Coastal Management (OCM) of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The permittee shall notify the OCM by mailing the enclosed green initiation card on the date of initiation of the coastal use.

10. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

I. General Conditions

A. The Secretary of DNR has determined that full individual permit processing by OCM is in the public interest in order to determine whether proposed activities qualify for authorization under the authority of this Amended General Permit. This full individual permit processing will consist of review by the staff of OCM of each authorization request. Therefore, pursuant to the Rules and Procedures for Coastal Use Permits, Title 43, Subpart 723.C.3.a, of the Louisiana Code of Administrative Procedure, an application fee will be assessed for activities proposed for authorization under the authority of this Amended General Permit. If appropriate, permit processing fees and appropriate mitigation plan processing fees also will be assessed.

B. A standard Joint Application Form shall be completed and submitted to OCM along with drawings depicting the location and character of work proposed for approval under the authority of this Amended General Permit. The applicant shall submit a complete application packet (forms and plats) to OCM. The application shall be accompanied by the application fee in effect at the time of application submittal. This Amended General Permit shall not apply if the proposed work is determined not to meet the criteria. The applicant shall be advised within five (5) calendar days of receipt of the complete application that the application shall be processed as an individual CUP if the determination is made that the proposed activity is not consistent with this Amended General Permit.

C. Individual written approvals from OCM must be obtained prior to the commencement of any individual activity proposed under the authority of this Amended General Permit.

D. Prior to issuance of authorization for an individual activity under the authority of this Amended General Permit, the following agencies shall have a ten (10) calendar day period to review the proposed activity: the Louisiana Departments of Wildlife and Fisheries; Health and Hospitals; Environmental Quality; Office of Coastal Protection and Restoration; Culture Recreation, and Tourism; Transportation and Development; State Land Office; and the approved Parish Local Program, if applicable. OCM may issue authorization for the proposed activity after the designated review period or after receiving notification by each of the agencies, either in writing or by telephone, that there are no objections to the proposed activity. However, the final decision for the issuance of authorization for individual activities under the authority of this Amended General Permit, to issue approval with modifications or additional Operating Conditions, or to deny approval for the proposed work, shall be made by the Secretary of DNR, or his designee.

E. Should it be deemed in the public interest, the Secretary shall deny authorization to perform work under the authority of this Amended General Permit and require the applicant to obtain an individual CUP for the proposed activity.

F. Unless otherwise specified in the Amended General Permit or specific work approval, authorization for work under the authority of this Amended General Permit shall expire if the work is not initiated and completed within two (2) years from the date of issuance of the original written individual approval. Initiation of the Coastal Use, for purposes of this Amended General Permit, means the actual physical beginning of the use or activity for which the permit

is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. All activities authorized under the authority of this General Permit must be completed within 90 days of initiation of the work, with a one-time mobilization, unless a different time schedule is specifically approved by OCM.

G. The term to initiate and complete an individual authorization issued under the authority of this Amended General Permit may be extended for up to an additional two (2) years beyond the initial two (2) year term. Extension requests shall be in the form of a written letter which shall refer to the original coastal use permit application number and specifically state that a permit extension is desired. Submission of extension requests via the online application system also is acceptable. A nonrefundable extension request fee in the amount of $80 shall be included with such a request, and the request must be received by the Permits, Mitigation and Support Division no sooner than 180 days and no later than 60 days prior to the expiration of the individual authorization in question. Requests received later than 60 days prior to the expiration date of the permit shall be eligible for consideration for extension, however a permittee who fails to make a timely request for an extension shall not engage in any activity requiring a coastal use permit past the original permit expiration date until an extension of the lapsed permit or a new permit is granted.

H. The Term of this Amended General Permit shall be five (5) years from the date of issuance, except as provided for in LAC 43 Subpart 723.E.3.b.

I. The permittee shall notify OCM of commencement of activities which are authorized under the authority of this Amended General Permit. The permittee shall notify OCM by either providing the information in writing or entering the information through the online system, within three (3) days of the date of initiation of the authorized work.

J. Issuance of approval under the authority of this Amended General Permit does not relieve the permittee of obtaining other lawfully required permits (local, state, or federal) before commencing work.

K. The permittee shall allow representatives of OCM or authorized agents to make periodic, unannounced inspections to assure the activity is being performed in accordance with the conditions of the permit.

L. Work carried out under the authority of this Amended General Permit shall conform to all appropriate state and federal safety regulations.

M. An authorization issued under the authority of this Amended General Permit may not be transferred to another party without giving prior notice to, and receiving written approval from, the OCM Administrator. A transfer form can be downloaded at http://dnr.louisiana.gov/assets/docs/coastal/cup/transfer.pdf or can be provided upon request.

N. Work carried out under the authority of this Amended General Permit shall be performed in full compliance with the rules and regulations of DNR which exist at the time of approval for that work.

O. Permittee shall provide legal representation and indemnification to State agencies for any and all lawsuits and/or claims whether they be legal or otherwise that may be filed or made against State agencies as a result of the activities by Permittee.

II. Operating Conditions

A. All logs, stumps and other debris encountered during dredging activities shall be removed from the site during or immediately after the activity and disposed of in accordance with all applicable laws and regulations.

B. Spoil shall not be placed in or block any tidal sloughs.

C. This Amended General Permit does not convey any property rights, mineral rights, or exclusive privileges, nor does it authorize injury to property.

D. If archaeological, historical or other cultural resources are encountered during activities authorized under the authority of this Amended General Permit, work shall cease and the permittee shall immediately notify the Division of Archaeology, Louisiana Department of Culture, Recreation, and Tourism (CRT) (P. O. Box 44247, Baton Rouge, LA 70804) and OCM (P. O. Box 44487, Baton Rouge, LA 70804-4487, (225) 342-7591). Work may not resume until written approval is obtained from CRT.

E. The permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall not be discharged into any of the streams or adjacent waters of the area without authorization from DHH and/or LDEQ or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code and LDEQ regulations. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals (DHH) for purpose of review and approval prior to any utilization of such provisions.

F. The permittee shall comply with all applicable laws regarding the need to contact the Louisiana One Call System (811) or online at http://www.laonecall.com/how_to_use_us.htm to locate any buried cables and pipelines.

G. The permittee is subject to all laws related to damages which are demonstrated to have been caused by the permitted activities.

H. All activities involving any discharge of pollutants must be consistent with applicable water quality standards and any necessary permits issued through the Department of Environmental Quality/Office of Water Resources must be obtained.

I. Dredging and/or filling activities authorized under the authority of this Amended General Permit shall not exceed the volume specified in the project description of the individual authorization.

J. When adverse impacts to vegetated wetlands may result from the proposed activity, and/or when otherwise determined necessary by OCM, the applicant and OCM shall negotiate, in consultation with the owner(s) of land on which the permitted activity is proposed to occur, and those other natural resource agencies deemed appropriate by OCM, a compensatory mitigation plan, and the applicant shall implement that plan. That plan shall fulfill the requirements of Louisiana Revised Statute 49:214.41 and those rules and regulations adopted thereunder. Unless otherwise stated the expiration of the term of this Amended General Permit, or the revocation or expiration of approval to perform work under the authority of this Amended General Permit, shall not absolve the permittee, its transferees, or assignees from the obligation and responsibility of implementing and maintaining the compensatory mitigation plan.

K. If applicable, the requirement for compensatory mitigation for impacts to wetlands resulting from the referenced project may be determined after one full growing season (March 1 to November 1) following the completion of the permitted activities. This assessment shall include both primary impacts and secondary impacts which may result from the permitted activities.

If OCM determines that compensatory mitigation is required, permittee shall submit a compensatory mitigation plan for approval within 30 days of notification of the compensatory mitigation requirements by OCM. All necessary approvals shall be obtained for the compensatory mitigation plan and the plan shall be implemented as directed by OCM. Permittee should be aware that compensatory mitigation projects may be required to be maintained for as many as 20 years for marsh mitigation projects and 50 years for forested wetland mitigation projects. A processing fee will be assessed for the determination of compensatory mitigation requirements and evaluation of the proposed compensatory mitigation plan in accordance with LAC Title 43, Part I, Chapter 7, §724.D. This fee shall apply regardless of which compensatory mitigation option is selected and does not include the cost incurred to implement the required compensatory mitigation.

L. Individual activities authorized under the authority of this Amended General Permit and occurring on LDWF identified Public Oyster Seed Grounds or Reservations shall be conditioned as agreed upon per the Memorandum of Understanding between the LDNR and LDWF, and all subsequent amendments to said document. This document can be found at http://dnr.louisiana.gov/index.cfm?md=pagebuilder&tmp=home&pid=96.

M. Individual activities authorized under the authority of this Amended General Permit shall be carried out on a one-time basis, during a one-time mobilization, except in situations where sequential phases (e.g., use of different types of dredging techniques, or phased construction) may be specified in the work statement of the individual authorization. Additional authorizations may be necessary for maintenance activities or work beyond the scope of the authorized activities.

N. If the project authorized under the authority of this Amended General Permit is located on the aboriginal homelands of the Chitimacha Tribe of Louisiana and/or at any time during the course of work any traditional cultural properties are discovered, the permittee shall immediately contact the Chitimacha Tribe of Louisiana, P.O. Box 661, Charenton, LA 70523 - phone (337) 923-7215.

III. This Amended General Permit does not apply in the following locations without prior written authorization from the appropriate agencies:

A. Work under the authority of this Amended General Permit shall not be approved in the following areas, unless the applicant first provides a letter of no objection from the Louisiana Department of Wildlife and Fisheries:

1. Within the boundary of a currently productive oyster seed ground, oyster seed reservation or public oyster harvesting area; or

2. Within the boundaries of a LDWF owned or managed Wildlife Management Area or Wildlife Refuge.

3. Within 1,000 feet, or other distance deemed appropriate by LDWF, of a known bald eagle nest.

4. Within 1,500 feet, or other distance deemed appropriate by LDWF, of a known bird rookery area.

5. Within the officially designated critical habitat of a threatened or endangered species.

B. Work under the authority of this Amended General Permit shall not be approved in the following areas, unless the applicant first provides a letter of no objection from the Louisiana Department of Culture, Recreation, and Tourism:

1. Within a State Park, State Recreation Area or State Commemorative Area; or

2. Within any known historic or archaeological site or within the boundaries of an historical district.

C. Within 1,000 feet of an established navigation channel or fairway constructed, owned, operated, or maintained by federal, state or local governments, or with federal, state or local government funds, without written consent of each appropriate agency or governing body. An authorization request that is not accompanied by such written permission shall be processed as an application for an individual CUP. If, however, there is a physical barrier at the project site that isolates the Coastal Use from the navigation channel or fairway and effectively prevents any interchange between the two, this restriction does not apply.

D. Within 1,500 feet of the Mississippi River or Atchafalaya River levees or within 300 feet of all other levees or other flood control structures which are owned, operated or maintained by the federal government, or with federal funds, without the written consent of each appropriate agency or governing body.

E. Within 1,000 feet of levees or other flood control facilities constructed, owned, operated or maintained by state or local governments, or with state or local government funds, without the written consent of each appropriate agency or governing body.

F. Within 1,500 feet of a barrier island, barrier island feature, chenier or other coastal feature without the approval of the appropriate resource agencies that OCM determines to have programmatic interests.

IV. This Amended General Permit does NOT apply in the following situations:

A. Within 1,000 feet of an area determined to be a unique ecological feature by the Secretary of DNR.

B. Within Special Significance Areas designated pursuant to R.S. 49:214.41(F) and those rules and regulations adopted thereunder, where applicable.

C. Within the boundaries of a national park or monument, national wildlife refuge or established buffer zone for any such national site.

V. Special Conditions

A. This Amended General Permit authorizes maintenance dredging activities to deepen an existing oil and gas canal, channel or slip to provide access for water-borne equipment used for the exploration or production of petroleum reserves. This Amended General Permit does not authorize the re-establishment of a channel, canal or slip when dredging of 80% or more of the original cross-sectional area of the channel is required.

B. This Amended General Permit authorizes maintenance dredging, in existing canals and open water channels, of a navigation passage with a maximum allowable bottom width of 70 feet and a maximum allowable depth of -8 feet below the mean water level. The maximum dimensions of maintenance dredging activities proposed to occur in existing slips which will be authorized under the authority of this Amended General Permit shall be 160 feet bottom width by 375 feet bottom length by -8 feet depth below the mean water level, with a 90 foot by 90 foot wing.

C. The permittee shall provide OCM with the following information for each individual maintenance operation proposed for authorization under the authority of this Amended General Permit:

1. Specific dredging locations, including canal, channel and slip dimensions and anticipated date of proposed maintenance;

2. Proposed dredging method;

3. Anticipated volume of dredged material;

4. Specific spoil disposal techniques and locations relative to existing uplands, wetland and open water areas; and

5. Reason(s) for requested access (i.e., new well, plug and abandon, re-entry/workover, etc.).

D. Spoil may be disposed of by one, or a combination, of the following methods:

1. Placed upon existing spoil banks;

2. Placed upon areas previously impacted by the authorized dredging or maintenance dredging of the slips, channels or canals currently being proposed for maintenance dredging;

3. Used to repair existing spoil banks;

4. Subject to the approval of the landowner, placed in enclosed marsh ponds to a height suitable for the establishment of marsh vegetation, using a bucket or hydraulic dredge;

5. Sprayed in a shallow layer over the marsh. The shallow layer shall not exceed six (6) inches during and upon completion of application;

5. Propwashed;

6. Spread in open water to a depth of no more than six (6) inches;

7. Placed in abandoned oil field canals; or

8. Subject to the approval of, or at the direction of, State and Federal resource agencies, other techniques may be used to create or otherwise benefit wetlands.

E. Locations may be accessed by pulling in a barge to displace accumulated sediment in existing channels and canals. In channels in open water, this method must not result in the creation of spoil ridges higher than six (6) inches.

F. Any canal plug removed in the performance of the work authorized under the authority of this Amended General Permit shall be restored to its pre-removal condition within one hundred and twenty (120) days of abandonment of the well site. Any canal plug removed in the performance of work under this Amended General Permit shall be restored to have, after settling and subsidence, a minimum elevation of not less than thirty (30) feet at mean water level, and side slopes of not less than three (3) to one (1). The plug may be inspected by OCM to determine if it is operating to prevent water movement within two (2) years of plug construction, or within five (5) years of the date of the issuance of written approval, whichever is longer. Should the plug not be operating in a satisfactory manner at the time of inspection, the permittee shall be required to restore the plug to proper functioning and the above minimum dimensions.

G. Long-term management and beneficial use of spoil deposition:

1. A strategic plan for the beneficial use of dredged material will be required for dredging 25,000 to 500,000 cubic yards of material, in accordance with OCM rules and regulations.

2. A long term management strategy plan will be required for any channel or canal greater than one mile in length and/or for dredging and disposal of greater than 500,000 cubic yards of material under the referenced permit in accordance with amended and reenacted RS 49:214.30.H.(1) and (2), and enacted RS 49:214.30.H.(3). The long term management strategy plan should address the current stability of the existing bankline, plans to insure the integrity of the bankline, plans for spoil placement, and future plans should dredging become necessary to re-access these sites.

**********END OF CONDITIONS**********

By accepting this amended permit the permittee agrees to its terms and conditions.

I affix my signature and issue this amended permit this 26th day of October, 2012.

DEPARTMENT OF NATURAL RESOURCES

Karl L. Morgan

Karl L. Morgan, Administrator
Office of Coastal Management

This agreement becomes binding when signed by the Administrator of the Office of Coastal Management, Department of Natural Resources.

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT
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(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

Coastal Use Permit – General Permit-15 (CUP-GP-15) (Revised)

Name and Address: Louisiana Department of Natural Resources; Office of Coastal Management P.O. Box 44487, Baton Rouge, LA 70804-4487

LOCATION: In the Louisiana Coastal Parishes of Ascension, Assumption, Calcasieu, Cameron, Iberia, Jefferson, Lafourche, Livingston, Orleans, Plaquemines, St. Bernard, St. Charles, St. James, St. John the Baptist, St. Martin, St. Mary, St. Tammany, Tangipahoa, Terrebonne and Vermilion.

DESCRIPTION: This Revised General Permit provides for the maintenance dredging of existing channels, canals, ditches and slips that are utilized for commercial purposes or private navigation within the Louisiana Coastal Zone.

REVISION: Condition V.A has been changed to allow dredging of slips to at 15' depth instead of the original 8' depth.

This revised permit supersedes the original permit which was issued July 16, 2012.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, operate and maintain the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources. Please be advised that a separate Coastal Use Permit (CUP) may be required for maintenance activities.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter, or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved, or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The permittee shall notify the Office of Coastal Management (OCM) of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the OCM by mailing the enclosed green initiation card on the date of initiation of the coastal use.

10. The following special conditions must also be met in order for the use to meet the guidelines of the Louisiana Coastal Resources Program:

I. General Conditions

A. The Secretary of DNR has determined that full individual permit processing by OCM is in the public interest in order to determine whether proposed activities qualify for authorization under the authority of this Revised General Permit. This full individual permit processing will consist of review by the staff of OCM of each authorization request. Therefore, pursuant to the Rules and Procedures for Coastal Use Permits, Title 43, Subpart 723.C.3.a, of the Louisiana Code of Administrative Procedure, an application fee will be assessed for activities proposed for authorization under the authority of this Revised General Permit. If appropriate, permit processing fees and appropriate mitigation plan processing fees also will be assessed.

B. A standard Joint Application Form shall be completed and submitted to OCM along with drawings depicting the location and character of work proposed for approval under the authority of this Revised General Permit. The applicant shall submit a complete application packet (forms and plats) to OCM. The application shall be accompanied by the application fee in effect at the time of application submittal. This Revised General Permit shall not apply if the proposed work is determined not to meet the criteria. The applicant shall be advised within five (5) calendar days of receipt of the complete application that the application shall be processed as an individual CUP if the determination is made that the proposed activity is not consistent with this Revised General Permit.

C. Individual written approvals from OCM must be obtained prior to the commencement of any individual activity proposed under the authority of this Revised General Permit.

D. Should OCM deem that they may have an interest in the project, prior to issuance of authorization for an individual activity under the authority of this Revised General Permit, the following agencies shall have a five (5) calendar day period to review the proposed activity: the Louisiana Department of Wildlife and Fisheries (LDWF); Department of Health and Hospitals (DHH); Department of Environmental Quality (DEQ); Coastal Protection and Restoration Authority (CPRA); Department of Culture Recreation, and Tourism (CRT); Department of Transportation and Development (DOTD); State Land Office (SLO); and the approved Local (Parish) Coastal Zone Management Program (LCP), if applicable. OCM may issue authorization for the proposed activity after the designated review period or after receiving notification by each of the agencies, either in writing or by telephone, that there are no objections to the proposed activity. However, the final decision for the issuance of authorization for individual activities under the authority of this Revised General Permit, to issue approval with modifications or additional Operating Conditions, or to deny approval for the proposed work, shall be made by the Secretary of DNR, or his designee.

E. Should it be deemed in the public interest, the Secretary shall deny authorization to perform work under the authority of this Revised General Permit and require the applicant to obtain an individual CUP for the proposed activity.

F. Unless otherwise specified in the General Permit or specific work approval, authorization for work under the authority of this Revised General Permit shall expire if the work is not initiated and completed within two (2) years from the date of issuance of the original written individual

approval. Initiation of the Coastal Use, for purposes of this Revised General Permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. All activities authorized under the authority of this Revised General Permit must be completed within 90 days of initiation of the work, with a one-time mobilization, unless a different time schedule is specifically approved by OCM.

G. The term to initiate and complete an individual authorization issued under the authority of this Revised General Permit may be extended for up to an additional two (2) years beyond the initial two (2) year term. Extension requests shall be in the form of a written letter which shall refer to the original coastal use permit application number and specifically state that a permit extension is desired. Submission of extension requests via the online application system also is acceptable. A nonrefundable extension request fee in the amount of $80 shall be included with such a request, and the request must be received by the Permits and Mitigation Division of OCM no sooner than 180 days and no later than 60 days prior to the expiration of the individual authorization in question. Requests received later than 60 days prior to the expiration date of the permit shall be eligible for consideration for extension, however a permittee who fails to make a timely request for an extension shall not engage in any activity requiring a CUP past the original permit expiration date until an extension of the lapsed permit or a new permit is granted

H. The Term of this Revised General Permit shall be five (5) years from the date of issuance of the original permit which was July 16, 2012, except as provided for in LAC 43 Subpart 723.E.3.b.

I. The permittee shall notify OCM of commencement of activities which are authorized under the authority of this Revised General Permit. The permittee shall notify OCM by either providing the information in writing or entering the information through the online system, within three (3) days of the date of initiation of the authorized work.

J. Issuance of approval under the authority of this Revised General Permit does not relieve the applicant of obtaining other lawfully required permits (local, state, or federal) before commencing work.

K. The permittee shall allow representatives of OCM or authorized agents to make periodic, unannounced inspections to assure the activity is being performed in accordance with the conditions of the permit.

L. Work performed under the authority of this Revised General Permit shall conform to all appropriate state and federal safety regulations.

M. An authorization issued under the authority of this Revised General Permit may not be transferred to another party without giving prior notice to, and receiving written approval from, the OCM Administrator. A transfer form can be downloaded at http://dnr.louisiana.gov/assets/OCM/permits/Transfer_FORM.pdf, or can be provided upon request.

N. Work carried out under the authority of this Revised General Permit shall be performed in full compliance with the rules and regulations of DNR which exist at the time of approval for that work.

O. Permittee shall provide legal representation and indemnification to State agencies for any and all lawsuits and/or claims whether they be legal or otherwise that may be filed or made against State agencies as a result of the activities by Applicant.

II. Operating Conditions

A. All logs, stumps and other debris encountered during dredging activities shall be removed from the site during or immediately after the permitted activity and disposed of in accordance with all applicable laws and regulations.

B. Spoil shall not be placed in or block any tidal sloughs.

C. This Revised General Permit does not convey any property rights, mineral rights, or exclusive privileges, nor does it authorize injury to property.

D. If archaeological, historical or other cultural resources are encountered during activities authorized under the authority of this Revised General Permit, work shall cease and the applicant shall immediately notify the Division of Archaeology, CRT (P. O. Box 44247, Baton Rouge, LA 70804) and OCM (P. O. Box 44487, Baton Rouge, LA 70804-4487, (225) 342-7591). Work may not resume until written approval is obtained from CRT.

E. The permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall not be discharged into any of the streams or adjacent waters of the area without authorization from DHH and/or DEQ or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code and DEQ regulations. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to DHH for purpose of review and approval prior to any utilization of such provisions.

F. The permittee shall comply with all applicable laws regarding the need to contact the Louisiana One Call System (811) or online at http://www.laonecall.com/how_to_use_us.htm to locate any buried cables and pipelines.

G. The permittee is subject to all laws related to damages which are demonstrated to have been caused by the permitted activities.

H. All activities involving any discharge of pollutants must be consistent with applicable water quality standards, and any necessary permits issued through the DEQ, Office of Water Resources must be obtained.

I. Dredging and/or filling activities authorized under the authority of this Revised General Permit shall not exceed the volume specified in the project description of the individual authorization.

J. When adverse impacts to vegetated wetlands may result from the proposed activity, and/or when otherwise determined necessary by OCM, the applicant and OCM shall negotiate, in consultation with the owner(s) of land on which the permitted activity is proposed to occur, and those other natural resource agencies deemed appropriate by OCM, a compensatory mitigation plan, and the applicant shall implement that plan. That plan shall fulfill the requirements of Louisiana Revised Statute 49:214.41 and those rules and regulations adopted thereunder. Unless otherwise stated the expiration of the term of this Revised General Permit, or the revocation or expiration of approval to perform work under the authority of this Revised General Permit, shall not absolve the permittee, its transferees, or assignees from the obligation and responsibility of implementing and maintaining the compensatory mitigation plan.

K. If applicable, the requirement for compensatory mitigation for impacts to wetlands resulting from the referenced project may be determined after one full growing season (March 1 to November 1) following the completion of the permitted activities. This assessment shall include both primary impacts and secondary impacts which may result from the permitted activities.

   If OCM determines that compensatory mitigation is required, permittee shall submit a compensatory mitigation plan for approval within 30 days of notification of the compensatory mitigation requirements by OCM. All necessary approvals shall be obtained for the compensatory mitigation plan and the plan shall be implemented as directed by OCM. The permittee should be aware that compensatory mitigation projects may be required to be maintained for as many as 20 years for marsh mitigation projects and 50 years for forested wetland mitigation projects. A processing fee will be assessed for the determination of compensatory mitigation requirements and evaluation of the proposed compensatory mitigation plan in accordance with LAC Title 43, Part I, Chapter 7, §724.D. This fee shall apply regardless of which compensatory mitigation option is selected and does not include the cost incurred to implement the required compensatory mitigation.

L. Individual activities authorized under the authority of this Revised General Permit and occurring on LDWF identified Public Oyster Seed Grounds or Reservations shall be conditioned as agreed upon per the Memorandum of Understanding between the LDNR and LDWF, and all subsequent amendments to said document. This document can be found at http://dnr.louisiana.gov/index.cfm?md=pagebuilder&tmp=home&pid=96.

M. Individual activities authorized under the authority of this Revised General Permit shall be carried out on a one-time basis, during a one-time mobilization, except in situations where sequential phases (e.g., use of different types of dredging techniques, or phased construction) may be specified in the work statement of the individual authorization. Additional authorizations may be necessary for maintenance activities or work beyond the scope of the authorized activities.

N. If the project authorized under the authority of this Revised General Permit is located on the aboriginal homelands of the Chitimacha Tribe of Louisiana and/or at any time during the course of work any traditional cultural properties are discovered, the permittee shall

immediately contact the Chitimacha Tribe of Louisiana, P.O. Box 661, Charenton, LA 70523 - phone (337) 923-7215.

III. This Revised General Permit does not apply in the following locations without prior written authorization from the appropriate agencies:

A. Work under the authority of this Revised General Permit shall not be approved in the following areas, unless the applicant first provides a letter of no objection from the LDWF:

1. Within the boundary of a currently productive oyster seed ground, oyster seed reservation or public oyster harvesting area; or

2. Within the boundaries of a LDWF owned or managed Wildlife Management Area (WMA) or Wildlife Refuge (WR).

3. Within 1,000 feet, or other distance deemed appropriate by LDWF, of a known bald eagle nest.

4. Within 1,500 feet, or other distance deemed appropriate by LDWF, of a known bird rookery area.

5. Within the officially designated critical habitat of a threatened or endangered species.

B. Work under the authority of this Revised General Permit shall not be approved in the following areas, unless the applicant first provides a letter of no objection from CRT:

1. Within a State Park, State Recreation Area or State Commemorative Area; or

2. Within any known historic or archaeological site or within the boundaries of an historical district.

C. Within 1,000 feet of an established navigation channel or fairway constructed, owned, operated, or maintained by federal, state or local governments, or with federal, state or local government funds, without written consent of each appropriate agency or governing body. An authorization request that is not accompanied by such written permission shall be processed as an application for an individual CUP. If, however, there is a physical barrier at the project site that isolates the Coastal Use from the navigation channel or fairway and effectively prevents any interchange between the two, this restriction does not apply.

D. Within 1,500 feet of the Mississippi River or Atchafalaya River levees or within 300 feet of all other levees or other flood control structures which are owned, operated or maintained by the federal government, or with federal funds, without the written consent of each appropriate agency or governing body.

E. Within 1,000 feet of levees or other flood control facilities constructed, owned, operated or maintained by state or local governments, or with state or local government funds, without the written consent of each appropriate agency or governing body.

F. Within 1,500 feet of a barrier island, barrier island feature, chenier or other coastal feature without the approval of the appropriate resource agencies that OCM determines to have programmatic interests.

IV. This Revised General Permit does NOT apply in the following situations:

A. Within 1,000 feet of an area determined to be a unique ecological feature by the Secretary of DNR.

B. Within Special Significance Areas designated pursuant to R.S. 49:214.41(F) and those rules and regulations adopted thereunder, where applicable.

C. Within the boundaries of a national park or monument, national wildlife refuge or established buffer zone for any such national site.

V. Special Conditions

A. This Revised General Permit authorizes maintenance dredging of the existing channels, canals, ditches and slips to a depth and width previously authorized by a Coastal Use Permit up to a maximum of 200 feet in bottom width x 15 feet below the mean water level. The maximum combined length of channels, canals, ditches and slips that may be authorized, as an individual activity, under the authority of this Revised General Permit is 1,500 feet. This Revised General Permit does not authorize the re-establishment of a channel, canal, ditch or slip when 80% or more of the original volume of dredging must be done.

B. This Revised General Permit does not authorize new construction or enlargement of existing channels, canals, ditches or slips.

C. The permittee shall provide OCM with the following information for each individual maintenance operation proposed for authorization under the authority of this Revised General Permit:

1. Specific dredging locations, including canal, channel and ditch dimensions and anticipated date of proposed maintenance;

2. Proposed dredging method;

3. Anticipated volume of dredged material; and

4. Specific spoil disposal techniques and locations relative to existing uplands, wetland and open water areas.

D. Spoil may be disposed of by one, or a combination, of the following methods:

1. Placed upon existing sub-aerial spoil banks;

2. Placed upon areas previously impacted by the authorized dredging or maintenance dredging of the slips, channels, or canals currently being proposed for maintenance dredging;

3. Used to repair existing spoil banks;

4. Placed in enclosed marsh ponds to a height suitable for the establishment of marsh vegetation, using a bucket or hydraulic dredge;

5. Sprayed in a shallow layer over the marsh;

6. Propwashed;

7. Spread in open water to a depth of no more than six (6) inches;

8. Placed in abandoned oil field canals; and/or

9. Subject to the approval of, or at the direction of, the interagency review team, other techniques may be used to create or otherwise benefit wetlands.

E. Long-term management and beneficial use of spoil deposition:

1. In accordance with amended and reenacted RS 49:214.30.H.(2), a strategic plan for the beneficial use of dredged material will be required for dredging channels and canals involving 25,000 to 500,000 cubic yards of material.

2. In accordance with amended and reenacted RS 49:214.30.H.(1) and (2), and enacted RS 49:214.30.H.(3), a long term management strategy plan will be required for any channel or canal greater than one mile in length and/or for dredging and disposal of greater than 500,000 cu. yds. of material under the referenced permit. The long term management strategy plan should address current plans for spoil placement, as well as future plans should dredging become necessary to re-access these sites. This plan should also include an analysis that addresses beneficial use of the dredged material.

F. Representative drawings showing the channels, canals, ditches and/or slips dredged and the placement of spoil shall be submitted within thirty (30) days of completion of individual maintenance activities authorized under the authority of this Revised General Permit to the Louisiana Department of Natural Resources, Coastal Management Division, P.O. Box 44487, Baton Rouge, LA 70804-4487.

**********END OF CONDITIONS**********

By accepting this permit the applicant agrees to its terms and conditions.

I affix my signature and issue this permit this 7th day of October, 2013.

DEPARTMENT OF NATURAL RESOURCES

Karl L Morgan

Karl L. Morgan, Administrator
Office of Coastal Management
This agreement becomes binding when signed by the Administrator of the Office of Coastal Management, Department of Natural Resources.

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT
P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

Coastal Use Permit – Amended General Permit-23 (GP-23) (Amended)

Name and Address: Louisiana Department of Natural Resources; Office of Coastal Management P.O. Box 44487, Baton Rouge, LA 70804-4487

LOCATION: In the Louisiana Coastal Parishes of Ascension, Assumption, Calcasieu, Cameron, Iberia, Jefferson, Lafourche, Livingston, Orleans, Plaquemines, St. Bernard, St. Charles, St. James, St. John the Baptist, St. Martin, St. Mary, St. Tammany, Tangipahoa, Terrebonne and Vermilion.

DESCRIPTION: This Amended General Permit provides for the maintenance of existing trenasses within the coastal zone of Louisiana. Trenasses may be maintenance dredged to a maximum of three (3) feet deep and to a maximum top width of six (6) feet. This Amended General Permit does not authorize the construction of new trenasses or the extension of the linear dimensions of existing trenasses.

AMENDMENT: Revision to language in **II. Operating Conditions – A.**

This Amended permit supersedes the original permit which was issued July 16, 2012.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, operate and maintain the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources. Please be advised that a separate coastal use permit may be required for maintenance activities.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter, or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved, or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This amended permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.

9. The permittee will notify the Office of Coastal Management (OCM) of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The permittee shall notify the OCM by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

I. General Conditions

A. The Secretary of DNR has determined that full individual permit processing by OCM is in the public interest in order to determine whether proposed activities qualify for authorization under the authority of this Amended General Permit. This full individual permit processing will consist of review by the staff of OCM of each authorization request. Therefore, pursuant to the Rules and Procedures for Coastal Use Permits, Title 43, Subpart 723.C.3.a, of the Louisiana Code of Administrative Procedure, an application fee will be assessed for activities proposed for authorization under the authority of this Amended General Permit. If appropriate, permit processing fees and appropriate mitigation plan processing fees also will be assessed.

B. A standard Joint Application Form shall be completed and submitted to OCM along with drawings depicting the location and character of work proposed for approval under the authority of this Amended General Permit. The applicant shall submit a complete application packet (forms and plats) to OCM. The application shall be accompanied by the application fee in effect at the time of application submittal. This Amended General Permit shall not apply if the proposed work is determined not to meet the criteria. The applicant shall be advised within five (5) calendar days of receipt of the complete application that the application shall be processed as an individual CUP if the determination is made that the proposed activity is not consistent with this Amended General Permit.

C. Individual written approvals from OCM must be obtained prior to the commencement of any individual activity proposed under the authority of this Amended General Permit.

D. Should OCM deem that they may have an interest in the project, prior to issuance of authorization for an individual activity under the authority of this Amended General Permit, the following agencies shall have a five (5) calendar day period to review the proposed activity: the Louisiana Departments of Wildlife and Fisheries; Health and Hospitals; Environmental Quality; Office of Coastal Protection and Restoration; Culture Recreation, and Tourism; Transportation and Development; State Land Office; and the approved Parish Local Program, if applicable. OCM may issue authorization for the proposed activity after the designated review period or after receiving notification by each of the agencies, either in writing or by telephone, that there are no objections to the proposed activity. However, the final decision for the issuance of authorization for individual activities under the authority of this Amended General Permit, to issue approval with modifications or additional Operating Conditions, or to deny approval for the proposed work, shall be made by the Secretary of DNR, or his designee.

E. Should it be deemed in the public interest, the Secretary shall deny authorization to perform work under the authority of this Amended General Permit and require the applicant to obtain an individual CUP for the proposed activity.

F. Unless otherwise specified in the Amended General Permit or specific work approval, authorization for work under the authority of this Amended General Permit shall expire if the

work is not initiated and completed within two (2) years from the date of issuance of the original written individual approval. Initiation of the Coastal Use, for purposes of this Amended General Permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. All activities authorized under the authority of this Amended General Permit must be completed within 90 days of initiation of the work, with a one-time mobilization, unless a different time schedule is specifically approved by OCM.

G. The term to initiate and complete an individual authorization issued under the authority of this Amended General Permit may be extended for up to an additional two (2) years beyond the initial two (2) year term. Extension requests shall be in the form of a written letter which shall refer to the original coastal use permit application number and specifically state that a permit extension is desired. Submission of extension requests via the online application system also is acceptable. A nonrefundable extension request fee in the amount of $80 shall be included with such a request, and the request must be received by the Permits, Mitigation and Support Division no sooner than 180 days and no later than 60 days prior to the expiration of the individual authorization in question. Requests received later than 60 days prior to the expiration date of the permit shall be eligible for consideration for extension, however a permittee who fails to make a timely request for an extension shall not engage in any activity requiring a coastal use permit past the original permit expiration date until an extension of the lapsed permit or a new permit is granted.

H. The Term of this Amended General Permit shall be five (5) years from the date of issuance, except as provided for in LAC 43 Subpart 723.E.3.b.

I. The permittee shall notify OCM of commencement of activities which are authorized under the authority of this Amended General Permit. The permittee shall notify OCM by either providing the information in writing or entering the information through the online system, within three (3) days of the date of initiation of the authorized work.

J. Issuance of approval under the authority of this Amended General Permit does not relieve the permittee of obtaining other lawfully required permits (local, state, or federal) before commencing work.

K. The permittee shall allow representatives of OCM or authorized agents to make periodic, unannounced inspections to assure the activity is being performed in accordance with the conditions of the permit.

L. Work carried out under the authority of this Amended General Permit shall conform to all appropriate state and federal safety regulations.

M. An authorization issued under the authority of this Amended General Permit may not be transferred to another party without giving prior notice to, and receiving written approval from, the OCM Administrator. A transfer form can be downloaded at http://dnr.louisiana.gov/assets/docs/coastal/cup/transfer.pdf, or can be provided upon request.

N. Work carried out under the authority of this Amended General Permit shall be performed in full compliance with the rules and regulations of DNR which exist at the time of approval for that work.

O. Permittee shall provide legal representation and indemnification to State agencies for any and all lawsuits and/or claims whether they be legal or otherwise that may be filed or made against State agencies as a result of the activities by Permittee.

II. Operating Conditions

A. All logs, stumps and other debris encountered during dredging activities shall be removed from the site during or immediately after the activity and disposed of in accordance with all applicable laws and regulations.

B. Spoil shall not be placed in or block any tidal sloughs.

C. This Amended General Permit does not convey any property rights, mineral rights, or exclusive privileges, nor does it authorize injury to property.

D. If archaeological, historical or other cultural resources are encountered during activities authorized under the authority of this Amended General Permit, work shall cease and the permittee shall immediately notify the Division of Archaeology, Louisiana Department of Culture, Recreation, and Tourism (CRT) (P. O. Box 44247, Baton Rouge, LA 70804) and OCM (P. O. Box 44487, Baton Rouge, LA 70804-4487, (225) 342-7591). Work may not resume until written approval is obtained from CRT.

E. The permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall not be discharged into any of the streams or adjacent waters of the area without authorization from DHH and/or LDEQ or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code and LDEQ regulations. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals (DHH) for purpose of review and approval prior to any utilization of such provisions.

F. The permittee shall comply with all applicable laws regarding the need to contact the Louisiana One Call System (811) or online at http://www.laonecall.com/how_to_use_us.htm to locate any buried cables and pipelines.

G. The permittee is subject to all laws related to damages which are demonstrated to have been caused by the permitted activities.

H. All activities involving any discharge of pollutants must be consistent with applicable water quality standards and any necessary permits issued through the Department of Environmental Quality/Office of Water Resources must be obtained.

I. Dredging and/or filling activities authorized under the authority of this Amended General Permit shall not exceed the volume specified in the project description of the individual authorization.

J. When adverse impacts to vegetated wetlands may result from the proposed activity, and/or when otherwise determined necessary by OCM, the applicant and OCM shall negotiate, in consultation with the owner(s) of land on which the permitted activity is proposed to occur, and those other natural resource agencies deemed appropriate by OCM, a compensatory mitigation plan, and the applicant shall implement that plan. That plan shall fulfill the requirements of Louisiana Revised Statute 49:214.41 and those rules and regulations adopted thereunder. Unless otherwise stated the expiration of the term of this Amended General Permit, or the revocation or expiration of approval to perform work under the authority of this Amended General Permit, shall not absolve the permittee, its transferees, or assignees from the obligation and responsibility of implementing and maintaining the compensatory mitigation plan.

K. If applicable, the requirement for compensatory mitigation for impacts to wetlands resulting from the referenced project may be determined after one full growing season (March 1 to November 1) following the completion of the permitted activities. This assessment shall include both primary impacts and secondary impacts which may result from the permitted activities.

If OCM determines that compensatory mitigation is required, permittee shall submit a compensatory mitigation plan for approval within 30 days of notification of the compensatory mitigation requirements by OCM. All necessary approvals shall be obtained for the compensatory mitigation plan and the plan shall be implemented as directed by OCM. Permittee should be aware that compensatory mitigation projects may be required to be maintained for as many as 20 years for marsh mitigation projects and 50 years for forested wetland mitigation projects. A processing fee will be assessed for the determination of compensatory mitigation requirements and evaluation of the proposed compensatory mitigation plan in accordance with LAC Title 43, Part I, Chapter 7, §724.D. This fee shall apply regardless of which compensatory mitigation option is selected and does not include the cost incurred to implement the required compensatory mitigation.

L. Individual activities authorized under the authority of this Amended General Permit and occurring on LDWF identified Public Oyster Seed Grounds or Reservations shall be conditioned as agreed upon per the Memorandum of Understanding between the LDNR and LDWF, and all subsequent amendments to said document. This document can be found at http://dnr.louisiana.gov/index.cfm?md=pagebuilder&tmp=home&pid=96.

M. Individual activities authorized under the authority of this Amended General Permit shall be carried out on a one-time basis, during a one-time mobilization, except in situations where sequential phases (e.g., use of different types of dredging techniques, or phased construction) may be specified in the work statement of the individual authorization. Additional authorizations may be necessary for maintenance activities or work beyond the scope of the authorized activities.

N. If the project authorized under the authority of this Amended General Permit is located on the aboriginal homelands of the Chitimacha Tribe of Louisiana and/or at any time during the course of work any traditional cultural properties are discovered, the permittee shall immediately contact the Chitimacha Tribe of Louisiana, P.O. Box 661, Charenton, LA 70523 - phone (337) 923-7215.

III. This Amended General Permit does not apply in the following locations without prior written authorization from the appropriate agencies:

A. Work under the authority of this Amended General Permit shall not be approved in the following areas, unless the applicant first provides a letter of no objection from the Louisiana Department of Wildlife and Fisheries:

1. Within the boundary of a currently productive oyster seed ground, oyster seed reservation or public oyster harvesting area; or

2. Within the boundaries of a LDWF owned or managed Wildlife Management Area or Wildlife Refuge.

3. Within 1,000 feet, or other distance deemed appropriate by LDWF, of a known bald eagle nest.

4. Within 1,500 feet, or other distance deemed appropriate by LDWF, of a known bird rookery area.

5. Within the officially designated critical habitat of a threatened or endangered species.

B. Work under the authority of this Amended General Permit shall not be approved in the following areas, unless the applicant first provides a letter of no objection from the Louisiana Department of Culture, Recreation, and Tourism:

1. Within a State Park, State Recreation Area or State Commemorative Area; or

2. Within any known historic or archaeological site or within the boundaries of an historical district.

C. Within 1,000 feet of an established navigation channel or fairway constructed, owned, operated, or maintained by federal, state or local governments, or with federal, state or local government funds, without written consent of each appropriate agency or governing body. An authorization request that is not accompanied by such written permission shall be processed as an application for an individual CUP. If, however, there is a physical barrier at the project site that isolates the Coastal Use from the navigation channel or fairway and effectively prevents any interchange between the two, this restriction does not apply.

D. Within 1,500 feet of the Mississippi River or Atchafalaya River levees or within 300 feet of all other levees or other flood control structures which are owned, operated or maintained by the federal government, or with federal funds, without the written consent of each appropriate agency or governing body.

E. Within 1,000 feet of levees or other flood control facilities constructed, owned, operated or maintained by state or local governments, or with state or local government funds, without the written consent of each appropriate agency or governing body.

F. Within 1,500 feet of a barrier island, barrier island feature, chenier or other coastal feature without the approval of the appropriate resource agencies that OCM determines to have programmatic interests.

IV. This Amended General Permit does NOT apply in the following situations:

A. Within 1,000 feet of an area determined to be a unique ecological feature by the Secretary of DNR.

B. Within Special Significance Areas designated pursuant to R.S. 49:214.41(F) and those rules and regulations adopted thereunder, where applicable.

C. Within the boundaries of a national park or monument, national wildlife refuge or established buffer zone for any such national site.

V. Special Conditions

A. Work may be performed within existing trenasses subject to the following:

1. Maximum top width of trenasses shall be six feet.

2. Maximum depth to which trenasses may be excavated is three feet.

B. Material excavated from the trenasses must be deposited so as not to impede normal water interchange in the area.

1. No material may be deposited into any watercourse crossed by trenasses.

2. Material shall be deposited on alternate sides of trenasses, with the maximum length of any single spoil bank not exceeding 500 feet.

3. Use of machines to maintain trenasses whereby the dredged material is widely scattered and not deposited in piles is acceptable.

C. Trenasses may not be extended to connect with bayous, canals, lakes, lagoons, ponds, or other open water bodies. A plug, natural, or manmade barrier with a minimum width of 100 feet shall be maintained to separate the trenasse from the other water body.

D. Construction of new trenasses is not authorized by this Amended General Permit.

E. The permittee shall provide OCM with the following information for each individual maintenance operation proposed for authorization under the authority of this Amended General Permit:

1. Specific dredging locations, dimensions and anticipated date of proposed maintenance:

2. Proposed dredging method;

3. Anticipated volume of dredged material; and

4. Specific spoil disposal techniques and locations relative to existing uplands, wetland and open water areas.

F. If the dredged material is spread so that it is stacked more than six (6) inches in height upon application, an evaluation of adverse impacts to vegetated wetlands will be made by OCM after one complete growing season to determine the need for compensatory mitigation for the impacts. Should OCM determine that mitigation is required, the permittee shall, within 60 days after being so notified, submit a mitigation plan for the adverse impacts that meets OCM's approval. The permittee shall initiate the mitigation plan at the appropriate time, if it has been determined that timing is necessary, or within 60 days of being advised that the mitigation plan is acceptable otherwise.

**********END OF CONDITIONS**********

By accepting this amended permit the permittee agrees to its terms and conditions.

I affix my signature and issue this amended permit this 26th day of October, 2012.

DEPARTMENT OF NATURAL RESOURCES

Karl L Morgan

Karl L. Morgan, Administrator
Office of Coastal Management

This agreement becomes binding when signed by the Administrator of the Office of Coastal Management, Department of Natural Resources.

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT

P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: **P20120494**

C.O.E. No.: **MVN- 2012- 01291- WLL**

NAME: **VERMILION CORPORATION**
115 TIVOLI STREET
ABBEVILLE, LA 70510
Attn: W. P. Edwards, III

LOCATION: **Vermilion Parish, LA**
Section 22, 27, T16S-R2E; (POB Reach 1) Lat. 29º 37' 53"N, Long. -92º 14' 32"W; (POB Reach 2) Lat. 29º 36' 26"N, Long. -92º 14' 11"W.

DESCRIPTION: Proposed clean out 8,300' of existing trenasses. Approximately 3,000 cubic yards of native material will be displaced by excavator and stacked along the adjancent bankline.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, and/or operate the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Office of Coastal Management of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Office of Coastal Management by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two years from the date of the signature of the Secretary or his designee. If the coastal use is not initiated within this two year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for the purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith, and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

a. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

b. The water bottom shall not be disturbed during access to the proposed work location, other than that authorized and shown on the attached project plats, whether it be by dredging, wheel washing, propwashing, jetting, mucking, plowing, bull dozing or any other means of moving bottom material. Powered vessels shall be operated so as not to disturb the water bottom by propeller or jet action.

c. All logs, stumps and other debris encountered during dredging activities shall be removed from the site during or

immediately after the activity and disposed of in accordance with all applicable laws and regulations.

d. That permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary treatment (30 mg/l BOD5) with disinfection prior to discharge into any of the streams or adjacent waters of the area or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.

e. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

f. The requirement for compensatory mitigation for impacts to marsh habitat resulting from the referenced project will be determined after one full growing season (March 1 to November 1) following the completion of the permitted activities. This assessment shall include both primary impacts and secondary impacts which may result from the permitted activities.

If OCM determines that compensatory mitigation is required, permittee shall submit a compensatory mitigation plan for approval within 30 days of notification of the compensatory mitigation requirements by OCM. All necessary approvals shall be obtained for the compensatory mitigation plan and the plan shall be implemented as directed by OCM. Permittee should be aware that compensatory mitigation projects may be required to be maintained for as many as 20 years for marsh mitigation projects and 50 years for forested wetland mitigation projects. A processing fee will be assessed for the determination of compensatory mitigation requirements and evaluation of the proposed compensatory mitigation plan in accordance with LAC Title 43, Part I, Chapter 7, §724.D. This fee shall apply regardless of which compensatory mitigation option is selected and does not include the cost incurred to implement the required compensatory mitigation.

g. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.

h. Permittee shall allow representatives of the Office of Coastal Management or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.

i. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.

j. This permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted

pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D.). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

The expiration date of this permit is five (5) years from the date of the signature of the Secretary or his designee.

Upon expiration of this permit, a new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

********** End of Conditions **********

By accepting this permit the applicant agrees to its terms and conditions.

I affix my signature and issue this permit this 17th day of July, 2012.

THE DEPARTMENT OF NATURAL RESOURCES

Karl L. Morgan, Administrator
Office of Coastal Management

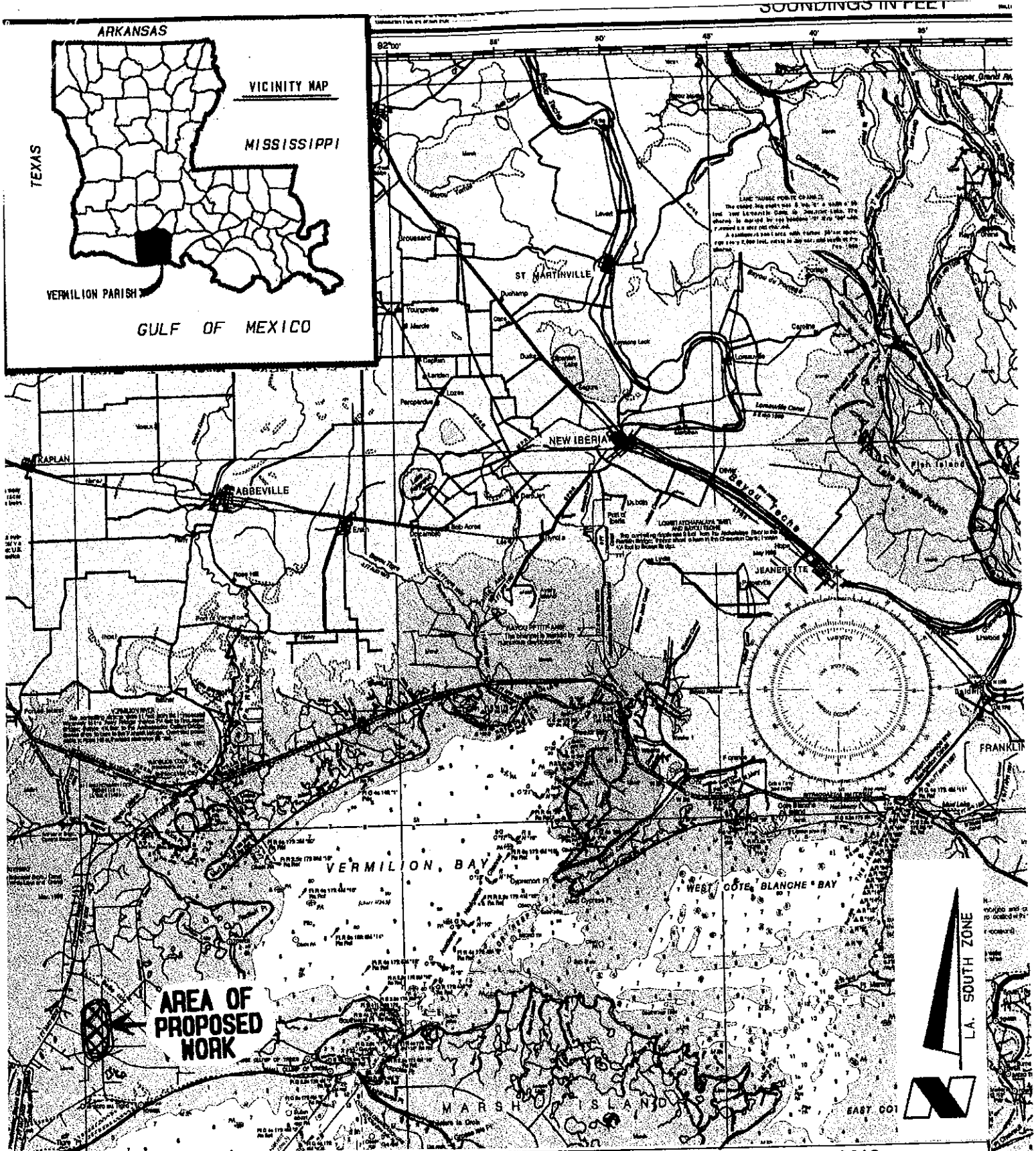
This agreement becomes binding when signed by Administrator of
the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

Attachments

Final Plats:

1) P20120494 Final Plats 05/21/2012

cc: Pete Serio, COE w/attachments
Dave Butler, LDWF w/attachments
Stephen Broussard, LED w/attachments
Jessica Diez, OCM w/attachments
Charlie Mestayer, OCM/FI w/attachments



Application by:

Vermilion Corporation
115 Tivoli Street
Abbeville, La. 70510

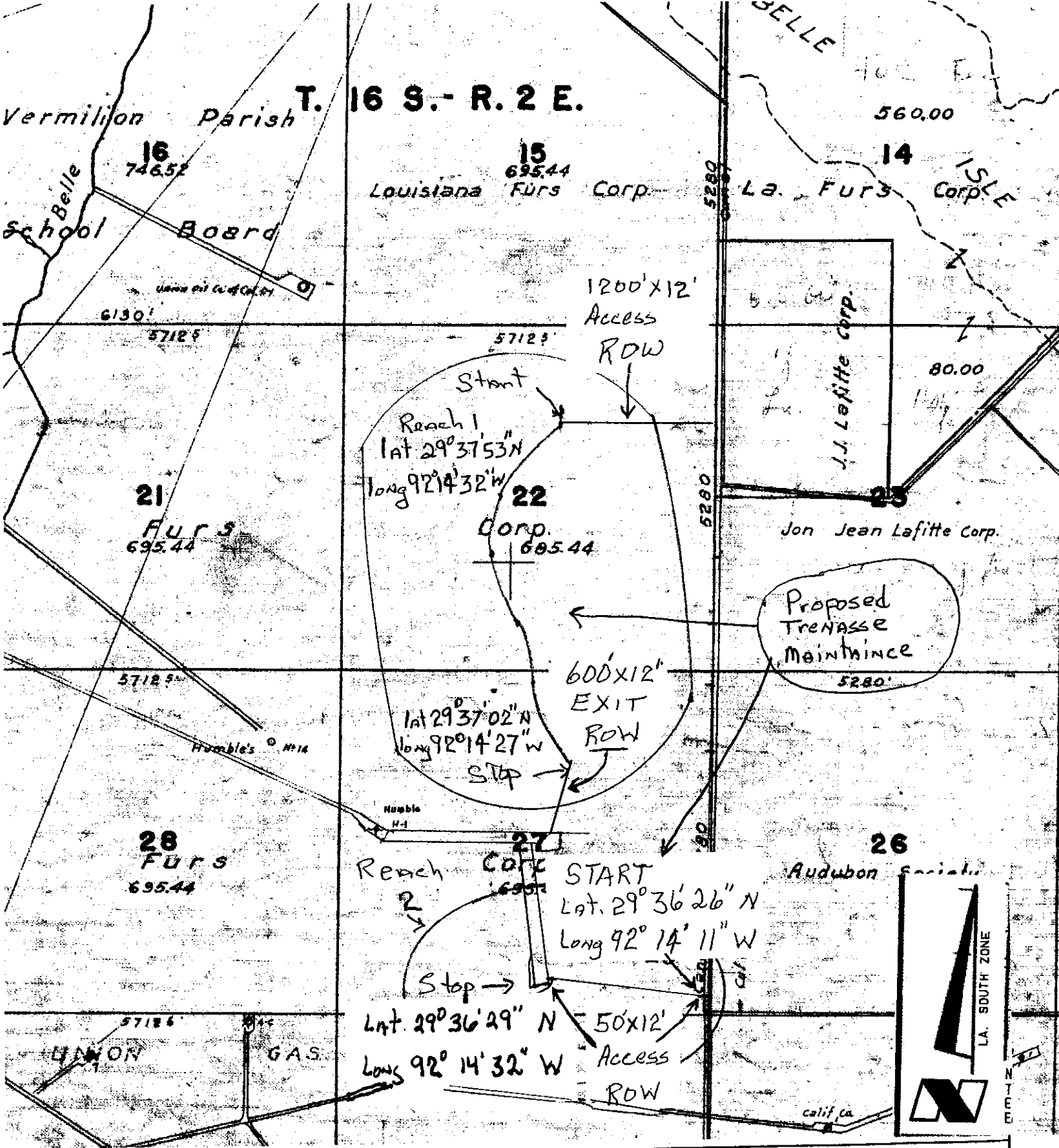
Vermilion Corporation Trenasse Maintenance 2012
Scale 1" = 6 miles
Located

in Vermilion Parish, Louisiana

DATE: 4/02/2012

REVISED: 5-16-12

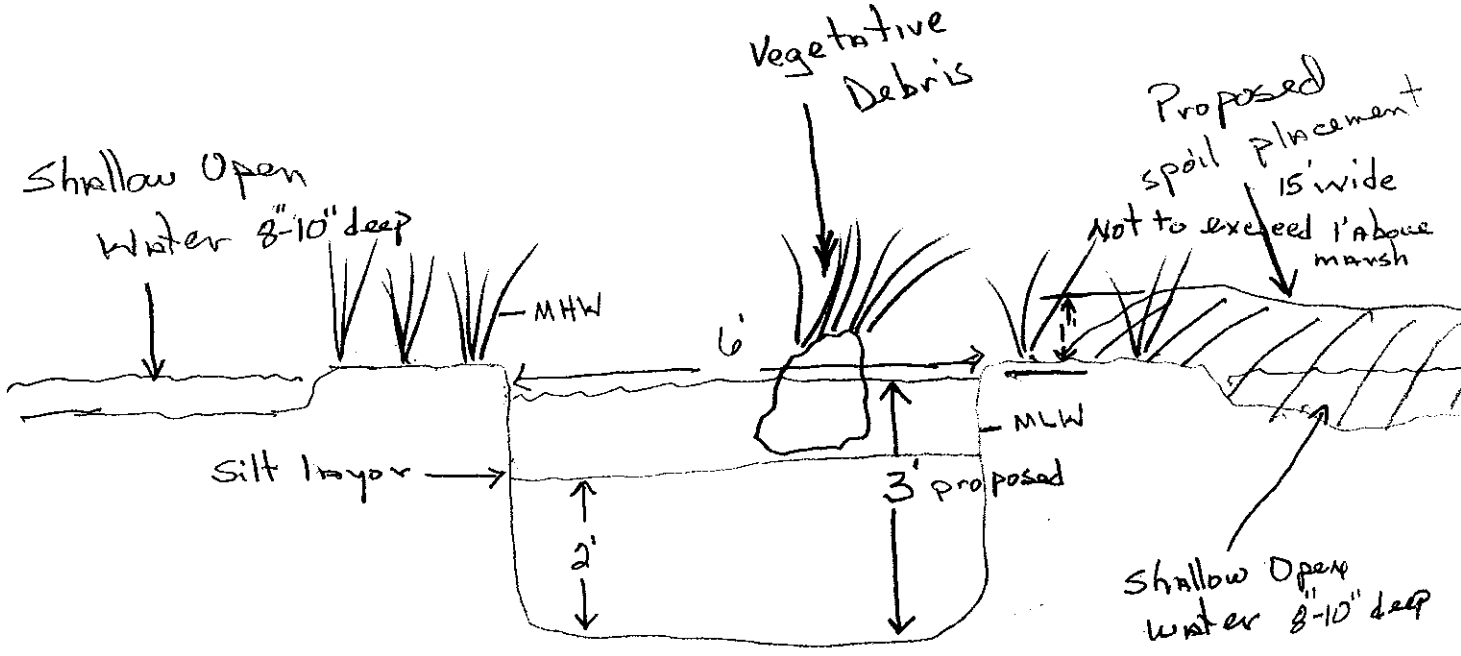
SHEET 1 OF 4



Application by:	Vermilion Corporation Trenasse Maintenance 2012
	Scale 1" = 1000'
Vermilion Corporation 115 Tivoli Street Abbeville, La. 70510	Located , in Vermilion Parish, Louisiana
DATE: 4/02/2012	REVISED: 5-16-12 SHEET 2 OF 4

CROSS SECTIONAL VIEW

Mean High Water 2.8 NAVD 88
Mean Low Water 1.4 NAVD 88



Typical Cross Section

~ NO SCALE ~

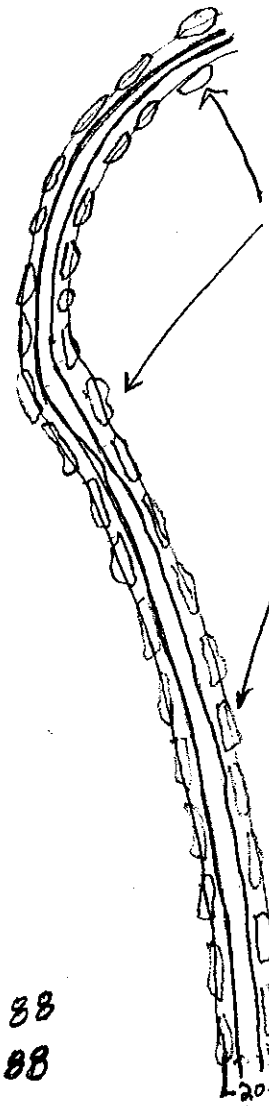
Application by: Vermilion Corporation 115 Tivoli Street Abbeville, La. 70510	Vermilion Corporation Trenasse Maintenance 2012 NO Scale Located in Vermilion Parish, Louisiana
DATE: 4/02/2012	REVISED: 5-16-12 SHEET 3 OF 4

PLAN VIEW

Trenasse will be cleared 6 feet wide & 3 feet deep

Spoil will be placed adjacent to trenasse in shallow open water and broken marsh

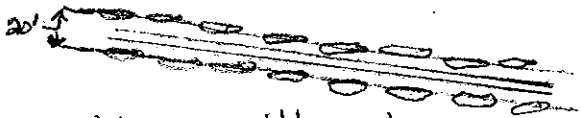
Reach 1 - 5,500' x 6' Appx.



Proposed spoil placement with some marsh creation and nourishment

maximum length of spoil placement shall not exceed 500'

Reach 2 2800' x 6' Appx.



Marshbuggy will work on land & water & will track on a 20' wide Right of Way
Buggy is 12' wide

mean high water 2.8' NAVD 88
mean low water 1.4 NAVD 88

20'

marsh buggy excavator will track within 10' of trenasse centerline
marshbuggy access will be from nearest canal. See sheet 2 of 4. Exit Also.
Access & Exit ROW will be only 12' wide

Application by:	Vermilion Corporation Trenasse Maintenance 2012 Scale "linier 1"=1,000' width 1"=666'
Vermilion Corporation 115 Tivoli Street Abbeville, La. 70510	Located , in Vermilion Parish, Louisiana
DATE: 4/02/2012	REVISED: 5-16-12 SHEET 4 OF 4

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT
P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487

(225) 342-7591
1-800-267-4019

COASTAL USE AUTHORIZATION/CONSISTENCY DETERMINATION

C.U.P No.: **P20121559**

NAME : **E. A. MCILHENNY ENTERPRISES**
RANDY MOERTLE & ASSOCIATES, INC.
1008 MAR DR.
LOCKPORT, LA 70374
Attn: Randy Moertle

LOCATION: **Vermilion Parish, LA**
Lat. 29º 34' 35.05"N and Long. 92º 11' 46.05"W; Sections 1 - 21; T17S-R2E; Freshwater City; approximately 16 miles southwest from Intracoastal City.

DESCRIPTION: Proposed equipment access on land and clean-out of trenasse ditches for boat access, to allow water flow to water control structures, and water exchange (Chenier Au Tigre Trenasse maintenance). Marsh excavator will straddle the trenasse and position tracks 5 feet on either side of ditch. Approximately 36,000 cubic yards of material will be excavated. Excavated material will be staggered with 500 feet maximum total length and 4 feet wide with broadcast not to exceed 1 foot above marsh.

Pursuant to the Louisiana Administrative Code, Title 43, §723.E, you are hereby notified that the referenced activity is authorized by Coastal Use Permit(s) GP - 23. As stated in condition 10.I.D. of GP - 23, Office of Coastal Management may issue approval under the authority of this General Permit with additional Operating Conditions. This authorization is valid, therefore, only if the permittee adheres to the following condition(s):

a. All logs, stumps and other debris encountered during dredging activities shall be removed from the site during or immediately after the activity and disposed of in accordance with all applicable laws and regulations.

b. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

c. That should changes in the location or the section of the existing waterways, or in the generally prevailing conditions in the vicinity be required in the future, in the public interest, Permittee shall make such changes in the project concerned or in the arrangement thereof as may be necessary to satisfactorily meet the situation and shall bear the cost thereof. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for project modifications.

d. The requirement for compensatory mitigation for impacts to marsh habitat resulting from the referenced project will be determined after one full growing season (March 1 to November 1) following the

completion of the permitted activities. This assessment shall include both primary impacts and secondary impacts which may result from the permitted activities.

Permittee shall provide on-ground pre- and post-construction photographic documentation that clearly shows the entire permitted work area. The post-construction photos should be taken at the same location and in the same direction as the pre-construction photos. The post-construction documentation shall be acquired (photos actually taken) and submitted within 60 days of the end of the first full growing season following completion of the project. Permittee shall notify OCM of the date of completion of permitted activities within 5 working days of completion.

If OCM determines that compensatory mitigation is required, permittee shall submit a compensatory mitigation plan for approval within 30 days of notification of the compensatory mitigation requirements by OCM. All necessary approvals shall be obtained for the compensatory mitigation plan and the plan shall be implemented as directed by OCM. Permittee should be aware that compensatory mitigation projects may be required to be maintained for as many as 20 years for marsh mitigation projects and 50 years for forested wetland mitigation projects. A processing fee will be assessed for the determination of compensatory mitigation requirements and evaluation of the proposed compensatory mitigation plan in accordance with LAC Title 43, Part I, Chapter 7, §724.D. This fee shall apply regardless of which compensatory mitigation option is selected and does not include the cost incurred to implement the required compensatory mitigation.

e. Dredging shall be limited to the trenasse ditches as depicted on the plats. All other water bottoms shall not be disturbed during access to the proposed work location, other than that authorized and shown on the attached project plats, whether it be by dredging, wheel washing, propwashing, jetting, mucking, plowing, bull dozing or any other means of moving bottom material. Powered vessels shall be operated so as not to disturb the water bottom by propeller or jet action.

f. No other 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 Louisiana Natural Heritage Program (LNHP) has compiled data on rare, endangered, or otherwise significant plant and animal species, plant communities, and other natural features throughout the State of Louisiana. LNHP reports summarize the existing information known at the time of the request regarding the location in question. LNHP 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 LNHP tracked species are encountered within the project area, please contact our biologist at 225-765-2643.

This determination is valid for two (2) years from the date of this letter. If the proposed activity is not initiated within this two year period, this determination will expire. The applicant will notify the Office of Coastal Management of the date on which initiation of the proposed activity began by entering a commencement date through the online system, or by mailing said information to OCM. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

This determination has been made based on the information provided in your application showing that either no

dredging or limited dredging would be necessary to access to the work site. Dredging beyond that described in your application, including prop washing, wheel washing, or otherwise displacing water bottom material is not authorized by this determination. If site conditions are such that dredging beyond that authorized is necessary, a revised determination including agency or public notice if applicable, will be required.

This determination has been made on the basis of information provided by your application. If it is later established that you furnished erroneous data, you may be directed to alter or modify your plans, to remove structures you have installed, and/or to restore the work area to pre-project conditions at your own expense. If it is established that you knowingly furnished erroneous data, you could also be subject to legal action.

This determination does not eliminate the need to obtain a permit from the United States Army, Corps of Engineers or any other Federal, state or local approval that may be required by law. The drawings submitted with your referenced application are attached hereto and made a part of the record. If you have any questions regarding this authorization, please contact our office (225) 342-7591 or (800) 267-4019.

******* End of Determination *******

By accepting this determination the applicant agrees to its terms and conditions.

I affix my signature and issue this determination this 20th day of March, 2013.

DEPARTMENT OF NATURAL RESOURCES

Karl L Morgan

_____

Karl L. Morgan, Administrator
Office of Coastal Management

This agreement becomes binding when signed by the Administrator of
the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

Attachments

Final Plats:

1) P20121559 Final Plats 12/05/2012

cc: Martin Mayer, COE w/attachments
Dave Butler, LDWF w/attachments
Stephen Broussard, LED w/attachments
Jessica Diez, OCM w/attachments
Darin Thomassee, OCM/FI w/attachments

E. A. MCILHENNY ENTERPRISES w/attachments

GP-23 Conditions

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permitted agrees to:

1. Carry out, perform, operate and maintain the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources. Please be advised that a separate coastal use permit may be required for maintenance activities.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter, or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The permittee will notify the Office of Coastal Management (OCM) of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The permittee shall notify the OCM by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

I. General Conditions

A. The Secretary of DNR has determined that full individual permit processing by OCM is in the public interest in order to determine whether proposed activities qualify for authorization under the authority of this Amended General Permit. This full individual permit processing will consist of review by the staff of OCM of each authorization request. Therefore, pursuant to the Rules and Procedures for Coastal Use Permits, Title 43, Subpart 723.C.3.a, of the Louisiana Code of Administrative Procedure, an application fee will be assessed for activities proposed for authorization under the authority of this Amended General Permit. If appropriate, permit processing fees and appropriate mitigation plan processing fees also will be assessed.

B. A standard Joint Application Form shall be completed and submitted to OCM along with drawings depicting the location and character of work proposed for approval under the authority of this Amended General Permit. The applicant shall submit a complete application packet (forms and plats) to OCM. The application shall be accompanied by the application fee in effect at the time of application submittal. This Amended General Permit shall not apply if the proposed work is determined not to meet the criteria. The applicant shall be advised within five (5) calendar days of receipt of the complete application that the application shall be processed as an individual CUP if the determination is made that the proposed activity is not consistent with this Amended General Permit.

C. Individual written approvals from OCM must be obtained prior to the commencement of any individual activity proposed under the authority of this Amended General Permit.

D. Should OCM deem that they may have an interest in the project, prior to issuance of authorization for an individual activity under the authority of this Amended General Permit, the following agencies shall have a five (5) calendar day period to review the proposed activity: the Louisiana Departments of Wildlife and Fisheries; Health and Hospitals; Environmental Quality; Office of Coastal Protection and Restoration; Culture Recreation, and Tourism; Transportation and Development; State Land Office; and the approved Parish Local Program, if applicable. OCM may issue authorization for the proposed activity after the designated review period or after receiving notification by each of the agencies, either in writing or by telephone, that there are no objections to the proposed activity. However, the final decision for the issuance of authorization for individual activities under the authority of this Amended General Permit, to issue approval with modifications or additional Operating Conditions, or to deny approval for the proposed work, shall be made by the Secretary of DNR, or his designee.

E. Should it be deemed in the public interest, the Secretary shall deny authorization to perform work under the authority of this Amended General Permit and require the applicant to obtain an individual CUP for the proposed activity.

F. Unless otherwise specified in the Amended General Permit or specific work approval, authorization for work under the authority of this Amended General Permit shall expire if the work is not initiated and completed within two (2) years from the date of issuance of the original written individual approval. Initiation of the Coastal Use, for purposes of this Amended General Permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. All activities authorized under the authority of this Amended General Permit must be completed within 90 days of initiation of the work, with a one-time mobilization, unless a different time schedule is specifically approved by OCM.

G. The term to initiate and complete an individual authorization issued under the authority of this Amended General Permit may be extended for up to an additional two (2) years beyond the initial two (2) year term. Extension requests shall be in the form of a written letter which shall refer to the original coastal use permit application number and specifically state that a permit extension is desired. Submission of extension requests via the online application system also is acceptable. A nonrefundable extension request fee in the amount of $80 shall be included with such a request, and the request must be received by the Permits, Mitigation and Support Division no sooner than 180 days and no later than 60 days prior to the expiration of the individual authorization in question. Requests received later than 60 days prior to the expiration date of the permit shall be eligible for consideration for extension, however a permittee who fails to make a timely request for an extension shall not engage in any activity requiring a coastal use permit past the original permit expiration date until an extension of the lapsed permit or a new permit is granted.

H. The Term of this Amended General Permit shall be five (5) years from the date of issuance, except as provided for in LAC 43 Subpart 723.E.3.b.

I. The permittee shall notify OCM of commencement of activities which are authorized under the authority of this Amended General Permit. The permittee shall notify OCM by either providing the information in writing or entering the information through the online system, within three (3) days of the date of initiation of the authorized work.

J. Issuance of approval under the authority of this Amended General Permit does not relieve the permittee of obtaining other lawfully required permits (local, state, or federal) before commencing work.

K. The permittee shall allow representatives of OCM or authorized agents to make periodic, unannounced inspections to assure the activity is being performed in accordance with the conditions of the permit.

L. Work carried out under the authority of this Amended General Permit shall conform to all appropriate state and federal safety regulations.

M. An authorization issued under the authority of this Amended General Permit may not be transferred to another party without giving prior notice to, and receiving written approval from, the OCM Administrator. A transfer form can be downloaded at http://dnr.louisiana.gov/assets/docs/coastal/cup/transfer.pdf, or can be provided upon request.

N. Work carried out under the authority of this Amended General Permit shall be performed in full compliance with the rules and regulations of DNR which exist at the time of approval for that work.

O. Permittee shall provide legal representation and indemnification to State agencies for any and all lawsuits and/or claims whether they be legal or otherwise that may be filed or made against State agencies as a result of the activities by Permittee.

II. Operating Conditions

A. All logs, stumps and other debris encountered during dredging activities shall be removed from the site during or immediately after the activity and disposed of in accordance with all applicable laws and regulations.

B. Spoil shall not be placed in or block any tidal sloughs.

C. This Amended General Permit does not convey any property rights, mineral rights, or exclusive privileges, nor does it authorize injury to property.

D. If archaeological, historical or other cultural resources are encountered during activities authorized under the authority of this Amended General Permit, work shall cease and the permittee shall immediately notify the Division of Archaeology, Louisiana Department of Culture, Recreation, and Tourism (CRT) (P. O. Box 44247, Baton Rouge, LA 70804) and OCM (P. O. Box 44487, Baton Rouge, LA 70804-4487, (225) 342-7591). Work may not resume until written approval is obtained from CRT.

E. The permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall not be discharged into any of the streams or adjacent waters of the area without authorization from DHH and/or LDEQ or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code and LDEQ regulations. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals (DHH) for purpose of review and approval prior to any utilization of such provisions.

F. The permittee shall comply with all applicable laws regarding the need to contact the Louisiana One Call System (811) or online at http://www.laonecall.com/how_to_use_us.htm to locate any buried cables and pipelines.

G. The permittee is subject to all laws related to damages which are demonstrated to have been caused by the permitted activities.

H. All activities involving any discharge of pollutants must be consistent with applicable water quality standards and any necessary permits issued through the Department of Environmental Quality/Office of Water Resources must be obtained.

I. Dredging and/or filling activities authorized under the authority of this Amended General Permit shall not exceed the volume specified in the project description of the individual authorization.

J. When adverse impacts to vegetated wetlands may result from the proposed activity, and/or when otherwise determined necessary by OCM, the applicant and OCM shall negotiate, in consultation with the owner(s) of land on which the permitted activity is proposed to occur, and those other natural resource agencies deemed appropriate by OCM, a compensatory mitigation plan, and the applicant shall implement that plan. That plan shall fulfill the requirements of Louisiana Revised Statute 49:214.41 and those rules and regulations adopted thereunder. Unless otherwise stated the expiration of the term of this Amended General Permit, or the revocation or expiration of approval to perform work under the authority of this Amended General Permit, shall not absolve the permittee, its transferees, or assignees from the obligation and responsibility of implementing and maintaining the compensatory mitigation plan.

K. If applicable, the requirement for compensatory mitigation for impacts to wetlands resulting from the referenced project may be determined after one full growing season (March 1 to November 1) following the completion of the permitted activities. This assessment shall include both primary impacts and secondary impacts which may result from the permitted activities.

If OCM determines that compensatory mitigation is required, permittee shall submit a compensatory mitigation plan for approval within 30 days of notification of the compensatory mitigation requirements by OCM. All necessary approvals shall be obtained for the compensatory mitigation plan and the plan shall be implemented as directed by OCM. Permittee should be aware that compensatory mitigation projects may be required to be maintained for as many as 20 years for marsh mitigation projects and 50 years for forested

wetland mitigation projects. A processing fee will be assessed for the determination of compensatory mitigation requirements and evaluation of the proposed compensatory mitigation plan in accordance with LAC Title 43, Part I, Chapter 7, §724.D. This fee shall apply regardless of which compensatory mitigation option is selected and does not include the cost incurred to implement the required compensatory mitigation.

L. Individual activities authorized under the authority of this Amended General Permit and occurring on LDWF identified Public Oyster Seed Grounds or Reservations shall be conditioned as agreed upon per the Memorandum of Understanding between the LDNR and LDWF, and all subsequent amendments to said document. This document can be found at http://dnr.louisiana.gov/index.cfm?md=pagebuilder&tmp=home&pid=96.

M. Individual activities authorized under the authority of this Amended General Permit shall be carried out on a one-time basis, during a one-time mobilization, except in situations where sequential phases (e.g., use of different types of dredging techniques, or phased construction) may be specified in the work statement of the individual authorization. Additional authorizations may be necessary for maintenance activities or work beyond the scope of the authorized activities.

N. If the project authorized under the authority of this Amended General Permit is located on the aboriginal homelands of the Chitimacha Tribe of Louisiana and/or at any time during the course of work any traditional cultural properties are discovered, the permittee shall immediately contact the Chitimacha Tribe of Louisiana, P.O. Box 661, Charenton, LA 70523 - phone (337) 923-7215.

III. This Amended General Permit does not apply in the following locations without prior written authorization from the appropriate agencies:

A. Work under the authority of this Amended General Permit shall not be approved in the following areas, unless the applicant first provides a letter of no objection from the Louisiana Department of Wildlife and Fisheries:

1. Within the boundary of a currently productive oyster seed ground, oyster seed reservation or public oyster harvesting area; or

2. Within the boundaries of a LDWF owned or managed Wildlife Management Area or Wildlife Refuge.

3. Within 1,000 feet, or other distance deemed appropriate by LDWF, of a known bald eagle nest.

4. Within 1,500 feet, or other distance deemed appropriate by LDWF, of a known bird rookery area.

5. Within the officially designated critical habitat of a threatened or endangered species.

B. Work under the authority of this Amended General Permit shall not be approved in the following areas, unless the applicant first provides a letter of no objection from the Louisiana Department of Culture, Recreation, and Tourism:

1. Within a State Park, State Recreation Area or State Commemorative Area; or

2. Within any known historic or archaeological site or within the boundaries of an historical district.

C. Within 1,000 feet of an established navigation channel or fairway constructed, owned, operated, or maintained by federal, state, or local governments, or with federal, state, or local government funds, without written consent of each appropriate agency or governing body. An authorization request that is not accompanied by

such written permission shall be processed as an application for an individual CUP. If however, there is a physical barrier at the project site that isolates the Coastal Use from the navigation channel or fairway and effectively prevents any interchange between the two, this restriction does not apply.

D. Within 1,500 feet of the Mississippi River or Atchafalaya River levees or within 300 feet of all other levees or other flood control structures which are owned, operated or maintained by the federal government, or with federal funds, without the written consent of each appropriate agency or governing body.

E. Within 1,000 feet of levees or other flood control facilities constructed, owned, operated or maintained by state or local governments, or with state or local government funds, without the written consent of each appropriate agency or governing body.

F. Within 1,500 feet of a barrier island, barrier island feature, chenier or other coastal feature without the approval of the appropriate resource agencies that OCM determines to have programmatic interests.

IV. This Amended General Permit does NOT apply in the following situations:

A. Within 1,000 feet of an area determined to be a unique ecological feature by the Secretary of DNR.

B. Within Special Significance Areas designated pursuant to R.S. 49:214.41(F) and those rules and regulations adopted thereunder, where applicable.

C. Within the boundaries of a national park or monument, national wildlife refuge or established buffer zone for any such national site.

V. Special Conditions

A. Work may be performed within existing trenasses subject to the following:

1. Maximum top width of trenasses shall be six feet.

2. Maximum depth to which trenasses may be excavated is three feet.

B. Material excavated from the trenasses must be deposited so as not to impede normal water interchange in the area.

1. No material may be deposited into any watercourse crossed by trenasses.

2. Material shall be deposited on alternate sides of trenasses, with the maximum length of any single spoil bank not exceeding 500 feet.

3. Use of machines to maintain trenasses whereby the dredged material is widely scattered and not deposited in piles is acceptable.

C. Trenasses may not be extended to connect with bayous, canals, lakes, lagoons, ponds, or other open water bodies. A plug, natural, or manmade barrier with a minimum width of 100 feet shall be maintained to separate the trenasse from the other water body.

D. Construction of new trenasses is not authorized by this Amended General Permit.

E. The permittee shall provide OCM with the following information for each individual maintenance operation proposed for authorization under the authority of this Amended General Permit:

1. Specific dredging locations, dimensions and anticipated date of proposed maintenance:

2. Proposed dredging method;

3. Anticipated volume of dredged material; and

4. Specific spoil disposal techniques and locations relative to existing uplands, wetland and open water areas.

F. If the dredged material is spread so that it is stacked more than six (6) inches in height upon application, an evaluation of adverse impacts to vegetated wetlands will be made by OCM after one complete growing season to determine the need for compensatory mitigation for the impacts. Should OCM determine that mitigation is required, the permittee shall, within 60 days after being so notified, submit a mitigation plan for the adverse impacts that meets OCM's approval. The permittee shall initiate the mitigation plan at the appropriate time, if it has been determined that timing is necessary, or within 60 days of being advised that the mitigation plan is acceptable otherwise.



Project Title: Chenier Au Tigre Trenasse Maintenance
Purpose: Clean-out of trenasse ditches for access and water exchange.

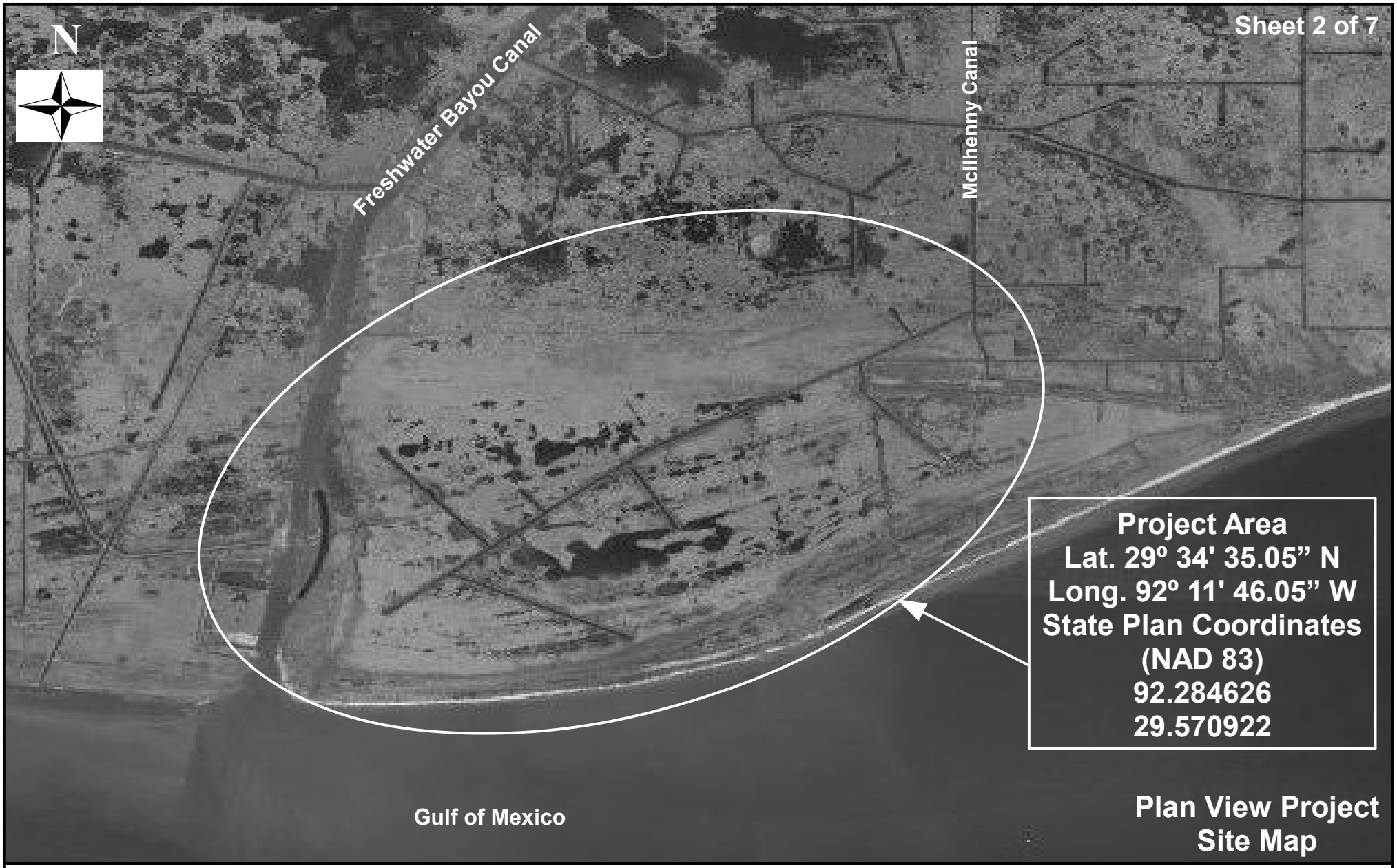
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Date: 11/15/2012

0 15,000 30,000 ft.

Source: Aerial Imagery 4/23/2012
Location: T17S-R2E; Sec. 1 - 21

Application by:
E. A. McIlhenny Enterprises

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 Mar Drive Lockport, La 70374



Project Title: Chenier Au Tigre Trenasse Maintenance
Purpose: Clean-out of trenasse ditches for access and water exchange.

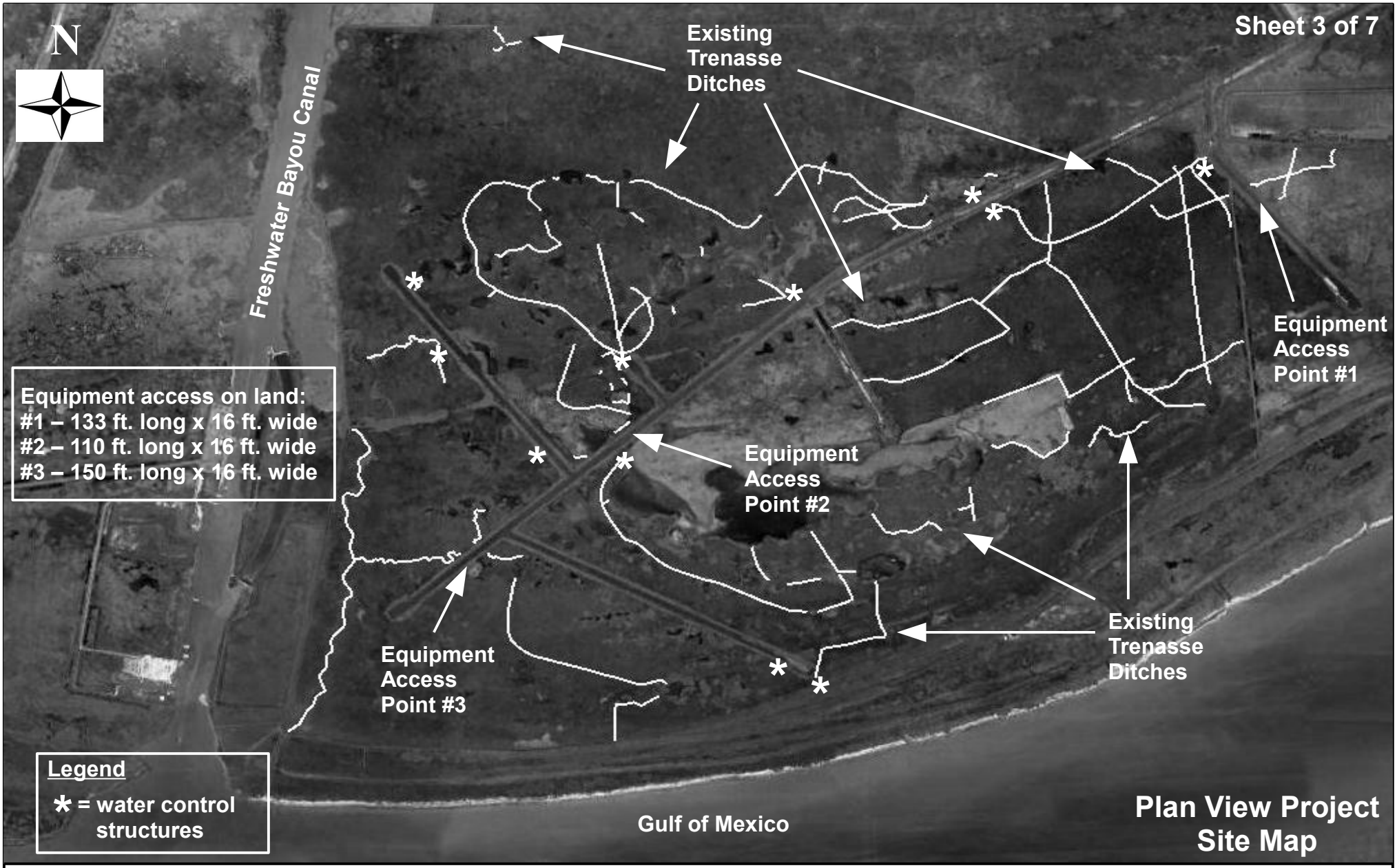
Location: 16 miles southwest from Intracoastal City, Vermilion Parish, Louisiana
Date: 11/15/2012

0 8,000 16,000 ft.

Source: LDNR 2008 Aerial Imagery
Location: T17S-R2E; Sec. 1 - 21

Application by:
E.A. McIlhenny Enterprises

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 Mar Drive Lockport, La 70374



Project Title: Chenier Au Tigre Trenasse Maintenance
Purpose: Clean-out of trenasse ditches for access and water exchange.

Location: 16 miles southwest from Intracoastal City, Vermilion Parish, Louisiana
Date: 11/15/2012 **Revised:** 12/5/2012

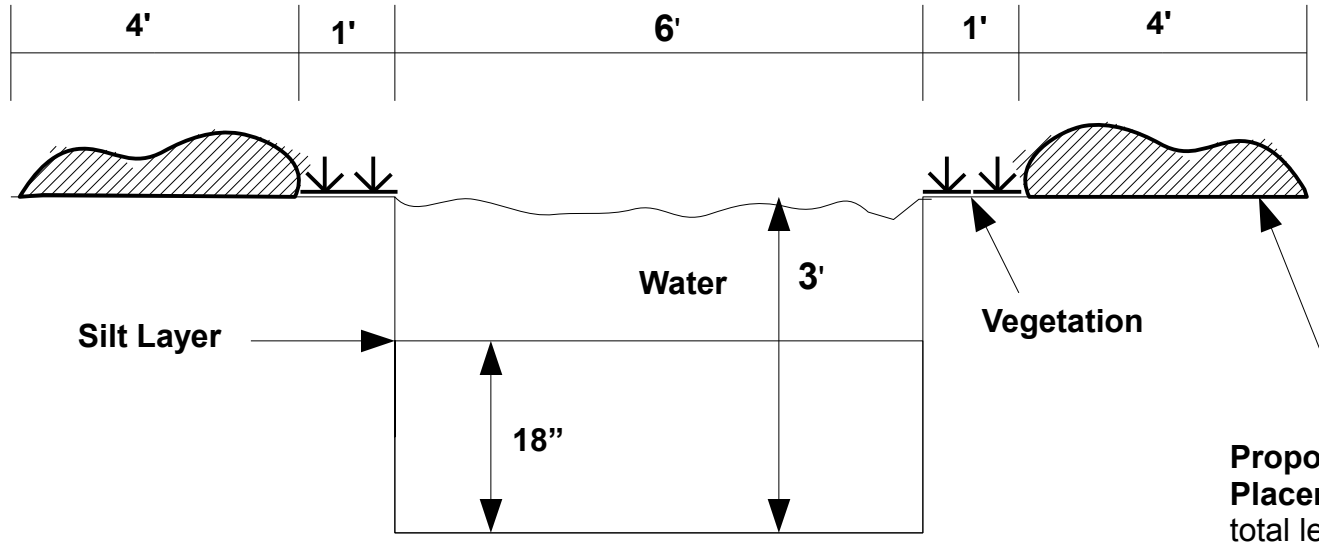
0 2,000 4,000 ft.

Source: Aerial Imagery 4/23/2012
Location: T17S-R2E, Sec. 1 - 21

Application by:
E.A. McIlhenny Enterprises

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 Mar Drive Lockport, La 70374

N



Typical Cross Section (not to scale)

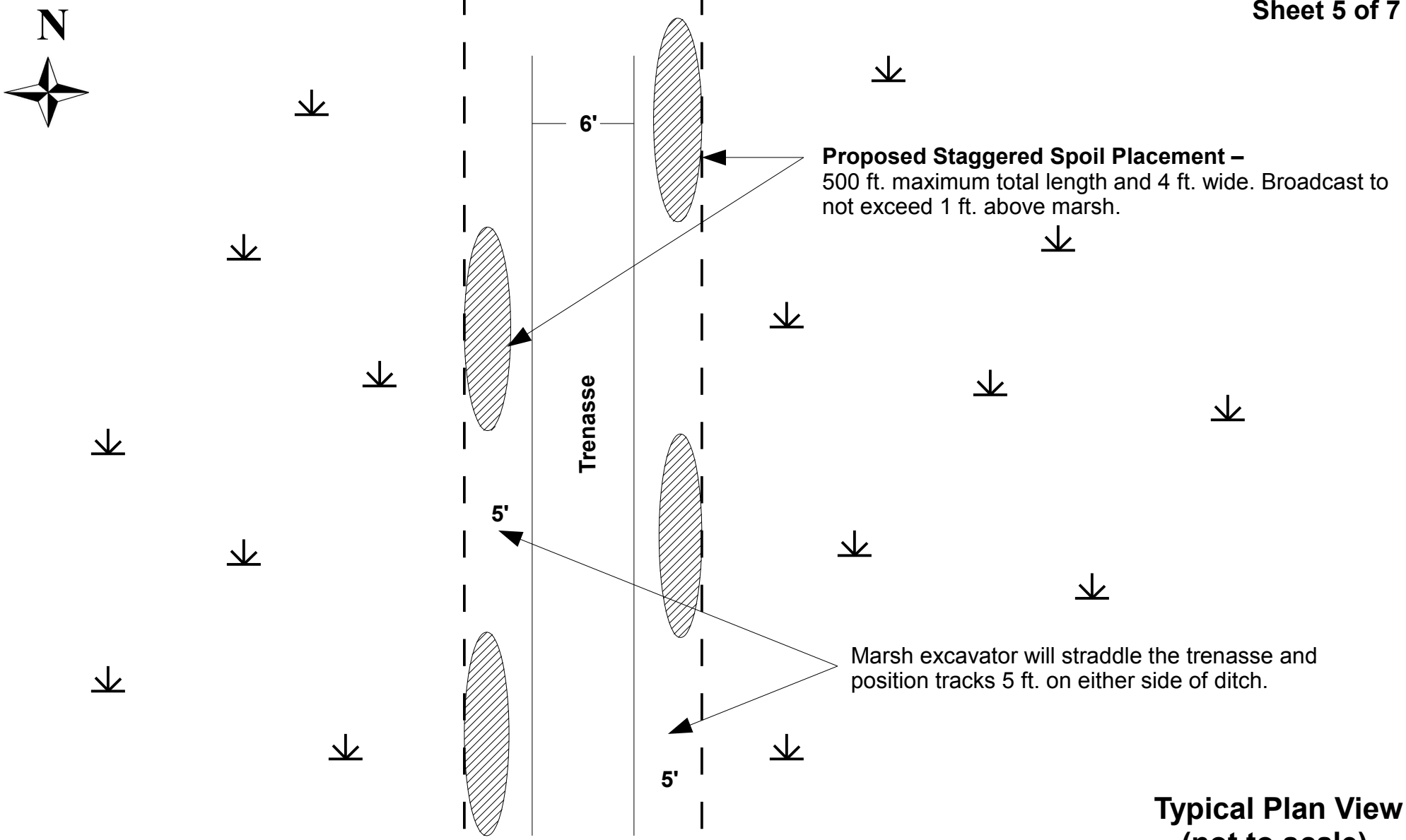
Project Title: Chenier Au Tigre Trenasse Maintenance
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Location: T17S-R2E; Sec. 1 - 21

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Environmental and Landowner Services
1008 Mar Drive Lockport, La 70374



Typical Plan View (not to scale)

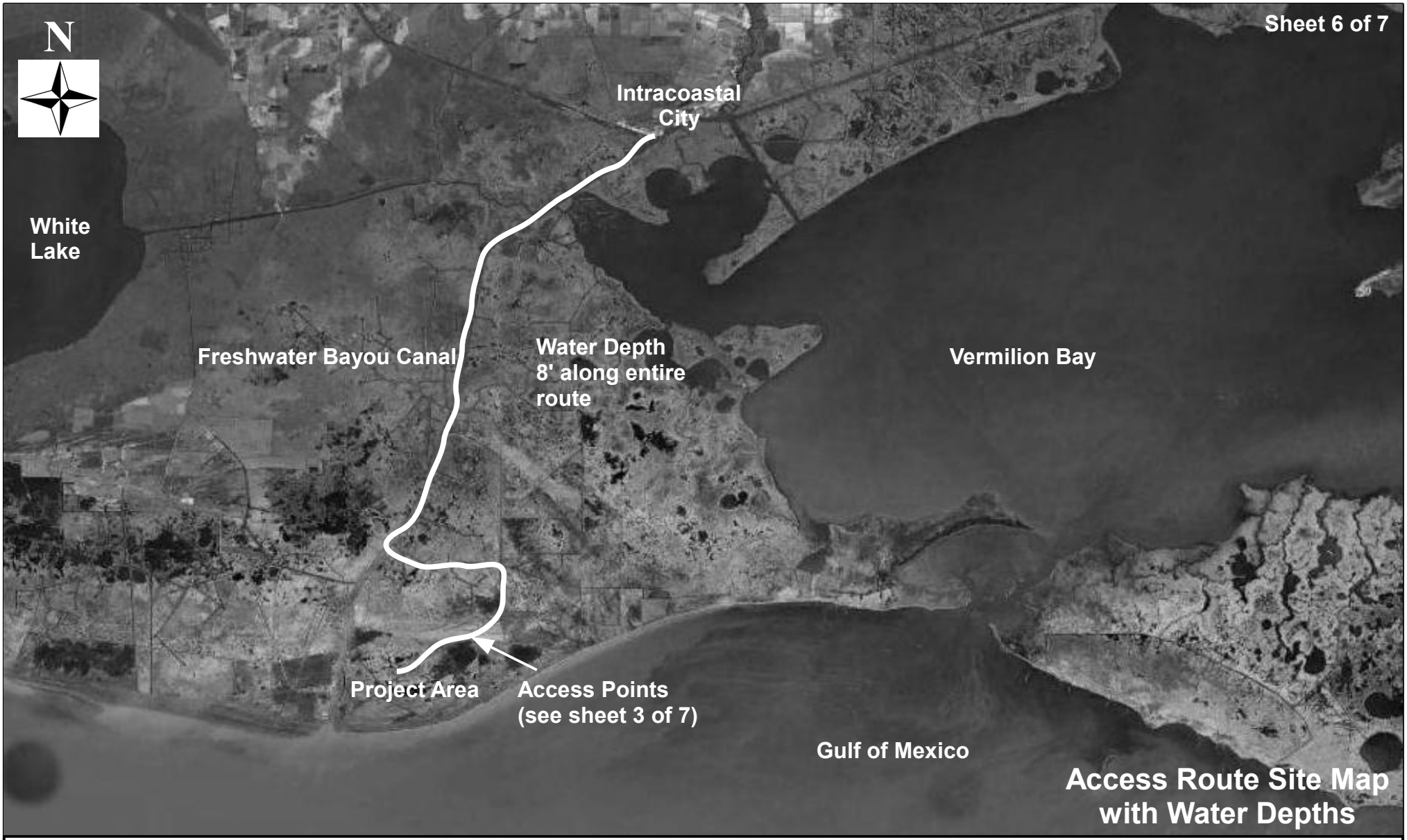
Project Title: Chenier Au Tigre Trenasse Maintenance
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Location: 16 miles southwest of Intracoastal City, Vermilion Parish, Louisiana
Date: 11/15/2012

Location: T17S-R2E; Sec. 1 - 21

Application by:
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Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 Mar Drive Lockport, La 70374



Access Route Site Map with Water Depths

Project Title: Chenier Au Tigre Trenasse Maintenance
Purpose: Clean-out of trenasse ditches for access and water exchange.

Location: 16 miles southwest of Intracoastal City, Vermilion Parish, Louisiana.
Date: 11/15/2012

0 — 15,000 — 30,000 ft.

Source: Aerial Imagery, 4/23/2012
Location: T17S-R2E, Sec. 1 & 21

Application by:
E.A. McIlhenny Enterprises

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 Mar Drive Lockport, La 70374

GENERAL NOTES

1. All trenasses to be cleaned are existing and are 6 ft. wide. They will not be widened, deepened, or elongated as part of this project. They will be maintained 6 ft. wide and will be cleaned to a depth of 3 ft.

2. There will be 108,000 lf of trenasse ditch maintenance with the removal of 18 inches of water bottom material for a total of 36,000 cy of silty material removed.

3. Clean-out of spoil material will only be done on existing trenasse ditches with a marsh excavator. There will be no excavation of existing marsh or creation of new trenasse ditches. Spoil will be placed on opposite sides of each ditch at 500 ft. intervals. Spoil will be broadcast to an elevation not to exceed 1 foot over existing marsh and/or water bottoms.

4. Benefits include: marsh nourishment with dredge spoil material and enhancement of water exchange for estuarine fisheries access.

5.Equipment will be barged to project area within existing location canals. Water depths of canals are 8 ft. Sheet 6 of 7.

6. Access for marsh excavator will be across location canal spoil banks for a total distance of 393 ft. and into existing trenasse ditches as shown on sheet 3 of 7.

7 This permit should qualify for General Permit 23 (GP-23).

Project Title: Chenier Au Tigre Trenasse Maintenance
Purpose: Clean-out of trenasse ditches for access and water exchange.

Location: 16 miles southwest of Intracoastal City, Vermilion Parish, Louisiana.
Date: 11/15/2012 **Revised:** 12/5/2012

Location: T17S-R2E, Sec. 1 - 21

Application by:
E.A. McIlhenny Enterprises

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 Mar Drive Lockport, La 70374

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT
P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

Coastal Use Permit – General Permit-28 (CUP-GP-28)

Name and Address: Louisiana Department of Natural Resources; Office of Coastal Management P.O. Box 44487, Baton Rouge, LA 70804-4487

LOCATION: In the Louisiana Coastal Parishes of Ascension, Assumption, Calcasieu, Cameron, Iberia, Jefferson, Lafourche, Livingston, Orleans, Plaquemines, St. Bernard, St. Charles, St. James, St. John the Baptist, St. Martin, St. Mary, St. Tammany, Tangipahoa, Terrebonne and Vermilion.

DESCRIPTION: This General Permit provides for the repair of breaches in existing spoil banks located wholly on privately owned lands; and for the repair/replacement of existing water control structures located wholly on privately owned lands.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, operate and maintain the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources. Please be advised that a separate coastal use permit may be required for maintenance activities.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter, or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved, or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Office of Coastal Management (OCM) of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the OCM by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

I. General Conditions

A. The Secretary of DNR has determined that full individual permit processing by OCM is in the public interest in order to determine whether proposed activities qualify for authorization under the authority of this General Permit. This full individual permit processing will consist of review by the staff of OCM of each authorization request. Therefore, pursuant to the Rules and Procedures for Coastal Use Permits, Title 43, Subpart 723.C.3.a, of the Louisiana Code of Administrative Procedure, an application fee will be assessed for activities proposed for authorization under the authority of this General Permit. If appropriate, permit processing fees and appropriate mitigation plan processing fees also will be assessed.

B. A standard Joint Application Form shall be completed and submitted to OCM along with drawings depicting the location and character of work proposed for approval under the authority of this General Permit. The applicant shall submit a complete application packet (forms and plats) to OCM. The application shall be accompanied by the application fee in effect at the time of application submittal. This General Permit shall not apply if the proposed work is determined not to meet the criteria. The applicant shall be advised within five (5) calendar days of receipt of the complete application that the application shall be processed as an individual CUP if the determination is made that the proposed activity is not consistent with this General Permit.

C. Individual written approvals from OCM must be obtained prior to the commencement of any individual activity proposed under the authority of this General Permit.

D. Prior to issuance of authorization for an individual activity under the authority of this General Permit, the following agencies shall have a ten (10) calendar day period to review the proposed activity: the Louisiana Departments of Wildlife and Fisheries; Health and Hospitals; Environmental Quality; Office of Coastal Protection and Restoration; Culture Recreation, and Tourism; Transportation and Development; State Land Office; and the approved Parish Local Program, if applicable. OCM may issue authorization for the proposed activity after the designated review period or after receiving notification by each of the agencies, either in writing or by telephone, that there are no objections to the proposed activity. However, the final decision for the issuance of authorization for individual activities under the authority of this General Permit, to issue approval with modifications or additional Operating Conditions, or to deny approval for the proposed work, shall be made by the Secretary of DNR, or his designee.

E. Should it be deemed in the public interest, the Secretary shall deny authorization to perform work under the authority of this General Permit and require the applicant to obtain an individual CUP for the proposed activity.

F. Unless otherwise specified in the General Permit or specific work approval, authorization for work under the authority of this General Permit shall expire if the work is not initiated and completed within two (2) years from the date of issuance of the original written individual approval. Initiation of the Coastal Use, for purposes of this General Permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith and with due diligence,

reasonably progress toward completion of the project once the Coastal Use has been initiated. All activities authorized under the authority of this General Permit must be completed within 90 days of initiation of the work, with a one-time mobilization, unless a different time schedule is specifically approved by OCM.

G. The term to initiate and complete an individual authorization issued under the authority of this General Permit may be extended for up to an additional two (2) years beyond the initial two (2) year term. Extension requests shall be in the form of a written letter which shall refer to the original coastal use permit application number and specifically state that a permit extension is desired. Submission of extension requests via the online application system also is acceptable. A nonrefundable extension request fee in the amount of $80 shall be included with such a request, and the request must be received by the Permits, Mitigation and Support Division no sooner than 180 days and no later than 60 days prior to the expiration of the individual authorization in question. Requests received later than 60 days prior to the expiration date of the permit shall be eligible for consideration for extension, however a permittee who fails to make a timely request for an extension shall not engage in any activity requiring a coastal use permit past the original permit expiration date until an extension of the lapsed permit or a new permit is granted

H. The Term of this General Permit shall be five (5) years from the date of issuance, except as provided for in LAC 43 Subpart 723.E.3.b.

I. The permittee shall notify OCM of commencement of activities which are authorized under the authority of this General Permit. The permittee shall notify OCM by either providing the information in writing or entering the information through the online system, within three (3) days of the date of initiation of the authorized work.

J. Issuance of approval under the authority of this General Permit does not relieve the applicant of obtaining other lawfully required permits (local, state, or federal) before commencing work.

K. The permittee shall allow representatives of OCM or authorized agents to make periodic, unannounced inspections to assure the activity is being performed in accordance with the conditions of the permit.

L. Work carried out under the authority of this General Permit shall conform to all appropriate state and federal safety regulations.

M. An authorization issued under the authority of this General Permit may not be transferred to another party without giving prior notice to, and receiving written approval from, the OCM Administrator. A transfer form can be downloaded at http://dnr.louisiana.gov/assets/OCM/permits/Transfer_FORM.pdf, or can be provided upon request.

N. Work carried out under the authority of this General Permit shall be performed in full compliance with the rules and regulations of DNR which exist at the time of approval for that work.

O. Permittee shall provide legal representation and indemnification to State agencies for any and all lawsuits and/or claims whether they be legal or otherwise that may be filed or made against State agencies as a result of the activities by Applicant.

II. Operating Conditions

A. All logs, stumps and other debris encountered during dredging activities shall be removed from the site during or immediately after the activity and disposed of in accordance with all applicable laws and regulations.

B. This General Permit does not convey any property rights, mineral rights, or exclusive privileges, nor does it authorize injury to property.

C. If archaeological, historical or other cultural resources are encountered during activities authorized under the authority of this General Permit, work shall cease and the applicant shall immediately notify the Division of Archaeology, Louisiana Department of Culture, Recreation, and Tourism (CRT) (P. O. Box 44247, Baton Rouge, LA 70804) and OCM (P. O. Box 44487, Baton Rouge, LA 70804-4487, (225) 342-7591). Work may not resume until written approval is obtained from CRT.

D. The permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall not be discharged into any of the streams or adjacent waters of the area without authorization from DHH and/or LDEQ or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code and LDEQ regulations. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals (DHH) for purpose of review and approval prior to any utilization of such provisions.

E. The permittee shall comply with all applicable laws regarding the need to contact the Louisiana One Call System (811) or online at http://www.laonecall.com/how_to_use_us.htm to locate any buried cables and pipelines.

F. The permittee is subject to all laws related to damages which are demonstrated to have been caused by the permitted activities.

G. All activities involving any discharge of pollutants must be consistent with applicable water quality standards and any necessary permits issued through the Department of Environmental Quality/Office of Water Resources must be obtained.

H. Dredging and/or filling activities authorized under the authority of this General Permit shall not exceed the volume specified in the project description of the individual authorization.

I. When adverse impacts to vegetated wetlands may result from the proposed activity, and/or when otherwise determined necessary by OCM, the applicant and OCM shall negotiate, in consultation with the owner(s) of land on which the permitted activity is proposed to occur, and

those other natural resource agencies deemed appropriate by OCM, a compensatory mitigation plan, and the applicant shall implement that plan. That plan shall fulfill the requirements of Louisiana Revised Statute 49:214.41 and those rules and regulations adopted thereunder. Unless otherwise stated the expiration of the term of this General Permit, or the revocation or expiration of approval to perform work under the authority of this General Permit, shall not absolve the permittee, its transferees, or assignees from the obligation and responsibility of implementing and maintaining the compensatory mitigation plan.

J. If applicable, the requirement for compensatory mitigation for impacts to wetlands resulting from the referenced project may be determined after one full growing season (March 1 to November 1) following the completion of the permitted activities. This assessment shall include both primary impacts and secondary impacts which may result from the permitted activities.

   If OCM determines that compensatory mitigation is required, permittee shall submit a compensatory mitigation plan for approval within 30 days of notification of the compensatory mitigation requirements by OCM. All necessary approvals shall be obtained for the compensatory mitigation plan and the plan shall be implemented as directed by OCM. permittee should be aware that compensatory mitigation projects may be required to be maintained for as many as 20 years for marsh mitigation projects and 50 years for forested wetland mitigation projects. A processing fee will be assessed for the determination of compensatory mitigation requirements and evaluation of the proposed compensatory mitigation plan in accordance with LAC Title 43, Part I, Chapter 7, §724.D. This fee shall apply regardless of which compensatory mitigation option is selected and does not include the cost incurred to implement the required compensatory mitigation.

K. Individual activities authorized under the authority of this General Permit and occurring on LDWF identified Public Oyster Seed Grounds or Reservations shall be conditioned as agreed upon per the Memorandum of Understanding between the LDNR and LDWF, and all subsequent amendments to said document. This document can be found at http://dnr.louisiana.gov/index.cfm?md=pagebuilder&tmp=home&pid=96.

L. Individual activities authorized under the authority of this General Permit shall be carried out on a one-time basis, during a one-time mobilization, except in situations where sequential phases (e.g., use of different types of dredging techniques, or phased construction) may be specified in the work statement of the individual authorization. Additional authorizations may be necessary for maintenance activities or work beyond the scope of the authorized activities.

M. If the project authorized under the authority of this General Permit is located on the aboriginal homelands of the Chitimacha Tribe of Louisiana and/or at any time during the course of work any traditional cultural properties are discovered, the permittee shall immediately contact the Chitimacha Tribe of Louisiana, P.O. Box 661, Charenton, LA 70523 - phone (337) 923-7215.

III. This General Permit does not apply in the following locations without prior written authorization from the appropriate agencies:

A. Work under the authority of this General Permit shall not be approved in the following areas, unless the applicant first provides a letter of no objection from the Louisiana Department of Wildlife and Fisheries:

1. Within the boundary of a currently productive oyster seed ground, oyster seed reservation or public oyster harvesting area; or

2. Within the boundaries of a LDWF owned or managed Wildlife Management Area or Wildlife Refuge.

3. Within 1,000 feet, or other distance deemed appropriate by LDWF, of a known bald eagle nest.

4. Within 1,500 feet, or other distance deemed appropriate by LDWF, of a known bird rookery area.

5. Within the officially designated critical habitat of a threatened or endangered species.

B. Work under the authority of this General Permit shall not be approved in the following areas, unless the applicant first provides a letter of no objection from the Louisiana Department of Culture, Recreation, and Tourism:

1. Within a State Park, State Recreation Area or State Commemorative Area; or

2. Within any known historic or archaeological site or within the boundaries of an historical district.

C. Within 1,000 feet of an established navigation channel or fairway constructed, owned, operated, or maintained by federal, state or local governments, or with federal, state or local government funds, without written consent of each appropriate agency or governing body. An authorization request that is not accompanied by such written permission shall be processed as an application for an individual CUP. If, however, there is a physical barrier at the project site that isolates the Coastal Use from the navigation channel or fairway and effectively prevents any interchange between the two, this restriction does not apply.

D. Within 1,500 feet of the Mississippi River or Atchafalaya River levees or within 300 feet of all other levees or other flood control structures which are owned, operated or maintained by the federal government, or with federal funds, without the written consent of each appropriate agency or governing body.

E. Within 1,000 feet of levees or other flood control facilities constructed, owned, operated or maintained by state or local governments, or with state or local government funds, without the written consent of each appropriate agency or governing body.

F. Within 1,500 feet of a barrier island, barrier island feature, chenier or other coastal feature without the approval of the appropriate resource agencies that OCM determines to have programmatic interests.

IV. This General Permit does NOT apply in the following situations:

A. Within 1,000 feet of an area determined to be a unique ecological feature by the Secretary of DNR.

B. Within Special Significance Areas designated pursuant to R.S. 49:214.41(F) and those rules and regulations adopted thereunder, where applicable.

C. Within the boundaries of a national park or monument, national wildlife refuge or established buffer zone for any such national site.

V. Special Conditions

A. This General Permit authorizes the filling of breaches in existing man-made canal banklines/spoil banks locate wholly on private property. The maximum length of a single breach cannot exceed 200 feet and the maximum width and height of fill is limited to the width and height of the existing bankline/spoil bank. Multiple breaches can be repaired under the authority of this General Permit but cannot exceed 2,500 feet cumulative length and each individual breach cannot exceed 200 feet in length.

B. This General Permit also authorizes the maintenance, repair and replacement of existing water control structures located wholly on private property. Maintenance and repair activities include the installation/replacement of rip rap or other erosion control materials around the structure and the repair/replacement of flap gates, stop logs and other operational equipment. Existing structures can be replaced with in-kind or similarly-sized/functional structures. New structures must be placed at the same bottom elevation as the existing structure, unless alteration is part of a previously authorized management plan (management plan must be provided with application). Maintenance and repair activities on water control structures cannot alter the intended function of the water control structure unless alteration is part of a previously authorized management plan (management plan must be provided with application).

C. Material to fill a breach must be hauled in or excavated from the area immediately adjacent to the breach. Material must be free of contaminants and debris. Dredging shall not exceed a depth of 8 feet. Excavation on State owned property or in vegetated wetlands is not permitted.

D. Dredging for access is not permitted under the authority of this General Permit unless all of the material dredged for access is used to repair breaches, to repair/replace water control structures or used beneficially in an effort to create vegetated wetlands. The maximum cumulative length of access dredging allowed under these conditions is 2,500 feet, the maximum width of dredging is 70 feet and the maximum depth of dredging is 8 feet.

E. Tidal exchange and fisheries access to areas behind or within the spoil bank must be maintained unless alteration is part of a previously authorized management plan (management plan must be provided with application).

F. Applicants requesting consideration for bankline/spoil bank repair under the authority of this General Permit must provide OCM with the following information:

1. Specific dredge and fill locations, volumes and dimensions;

2. Access route, water depth along that route and fully loaded vessel draft if using water borne access; alignment, dimension and material details of any route improvements if using land access;

3. Proposed dredge method, type and capabilities of dredge that will be utilized;

4. Specific dredged material placement techniques;

5. Relation of dredged material placement to existing bankline and surrounding marsh elevations;

6. Estimate of when the breach occurred.

G. Applicants requesting consideration for water control structure replacement under the authority of this General Permit must provide OCM with the following information:

1. Specific location of the structure and map showing the area over which the structure has influence, with boundaries specifically delineated;

2. Access route, water depth along that route and fully loaded vessel draft if using water borne access; alignment, dimension and material details of any route improvements if using land access

3. Type, dimensions, functional capacity and bottom elevation of the existing and proposed structures;

4. Current management strategy/operational plan for the structure, including goals/objectives of the strategy/plan; and

5. Location/source, dimensions and volume of any dredge and/or fill (permanent and temporary) that may be required to replace the structure.

**********END OF CONDITIONS**********

By accepting this permit the applicant agrees to its terms and conditions.

I affix my signature and issue this permit this 5th day of February, 2014.

DEPARTMENT OF NATURAL RESOURCES

Karl L. Morgan, Administrator
Office of Coastal Management

This agreement becomes binding when signed by the Administrator of the Office of Coastal Management, Department of Natural Resources.

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT

P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: **P20120450**

C.O.E. No.: **MVN- 2005- 03792- WLL**

NAME: **MILLER, JOHN W.**
228 AMELIA STREET
LAFAYETTE, LA 70501
Attn: John W. Miller

LOCATION: **Vermilion Parish, LA**
Highway 82; Forked Island-7th Ward Canal. Section 14; T14S-R2E. Lat. 29° 49' 30"N, Long. 92° 13' 30"W.

DESCRIPTION: Proposed construction of a canal 620' x 20' x 4' to irrigate crawfish ponds. Approximately 2,856 cubic yards of material will be displaced during excavation activities. Spoil will be placed adjacent to the canal at a height of 2' and width of 10'.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, and/or operate the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Office of Coastal Management of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Office of Coastal Management by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two years from the date of the signature of the Secretary or his designee. If the coastal use is not initiated within this two year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for the purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith, and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

a. All logs, stumps and other debris encountered during dredging activities shall be removed from the site during or immediately after the activity and disposed of in accordance with all applicable laws and regulations.

b. That permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary treatment (30 mg/l BOD5) with disinfection prior to discharge into any of the streams or adjacent waters of the area or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions)

scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.

c. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

d. All structures built under the authorization and conditions of this permit shall be removed from the site within 120 days of abandonment of the facilities for the herein permitted use, or when these structures fall into a state of disrepair such that they can no longer function as intended. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for such removal activities.

e. A total of 0.285 acres of fresh marsh will be lost due to project activities. The Office of Coastal Management is in receipt of proof that permittee has purchased 1.33 linear feet of bankline stabilization from Burlington Resources for their Bayou Carencro Bankline Restoration project (P19960223) located in Terrebonne Parish, for the unavoidable loss of ±0.173 acres of fresh marsh habitat. The permittee mitigated for 0.112 acres of fresh marsh under (P20051197) by purchasing 1 linear foot of bankline stabilization from Burlington Resources for their Carencro Bayou Mitigation Project (P19960223) located in Terrebonne Parish. These purchases will satisfy the requirements for compensatory mitigation and allow permittee to conduct the activities authorized under this permit.

f. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

g. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.

h. Permittee shall allow representatives of the Office of Coastal Management or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.

i. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.

j. This permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D.). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

The expiration date of this permit is five (5) years from the date of the signature of the Secretary or his designee.

Upon expiration of this permit, a new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

********** End of Conditions **********

By accepting this permit the applicant agrees to its terms and conditions.

I affix my signature and issue this permit this 5th day of December, 2012.

THE DEPARTMENT OF NATURAL RESOURCES

Karl L Morgan

Karl L. Morgan, Administrator
Office of Coastal Management

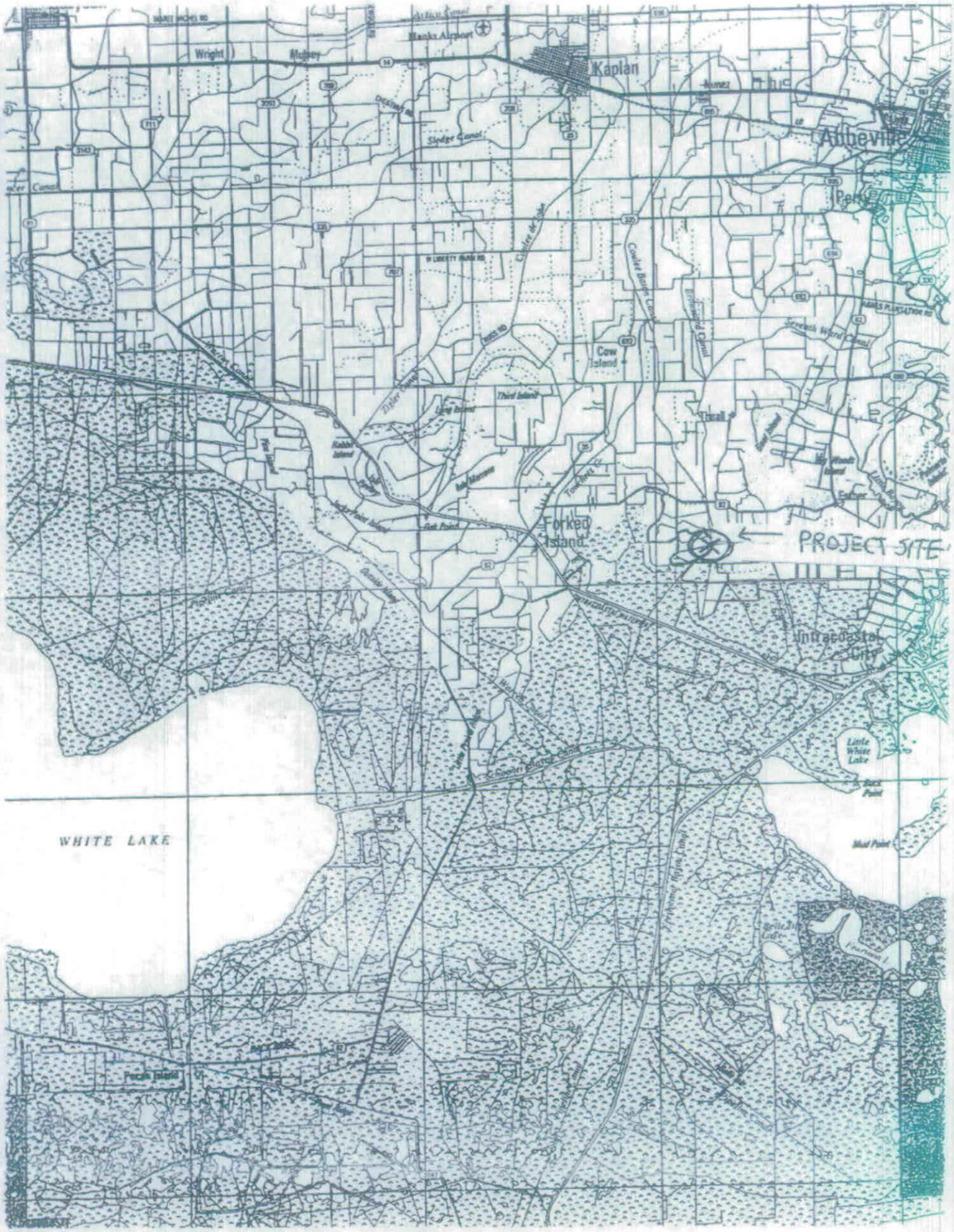
This agreement becomes binding when signed by Administrator of
the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

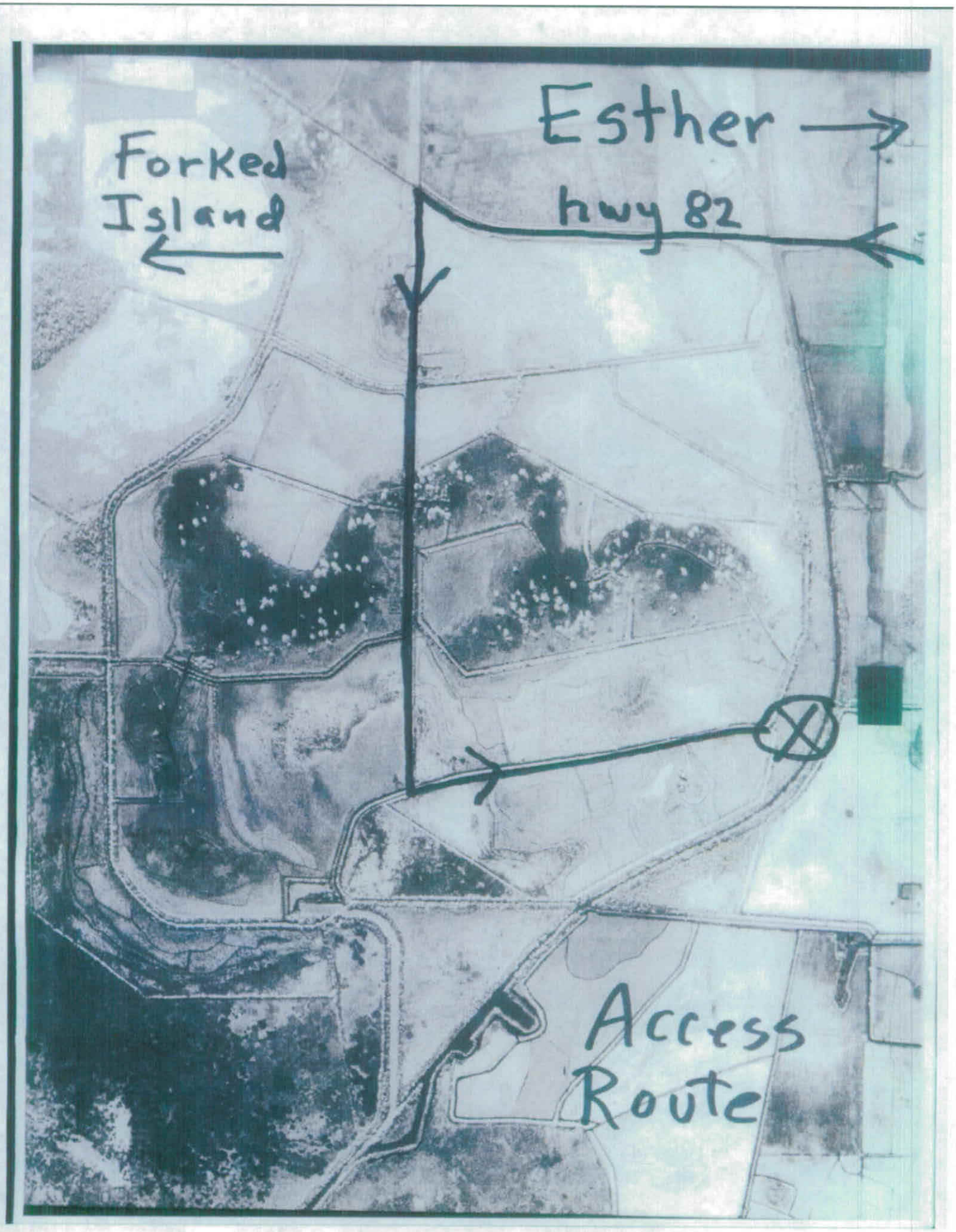
Attachments

Final Plats:

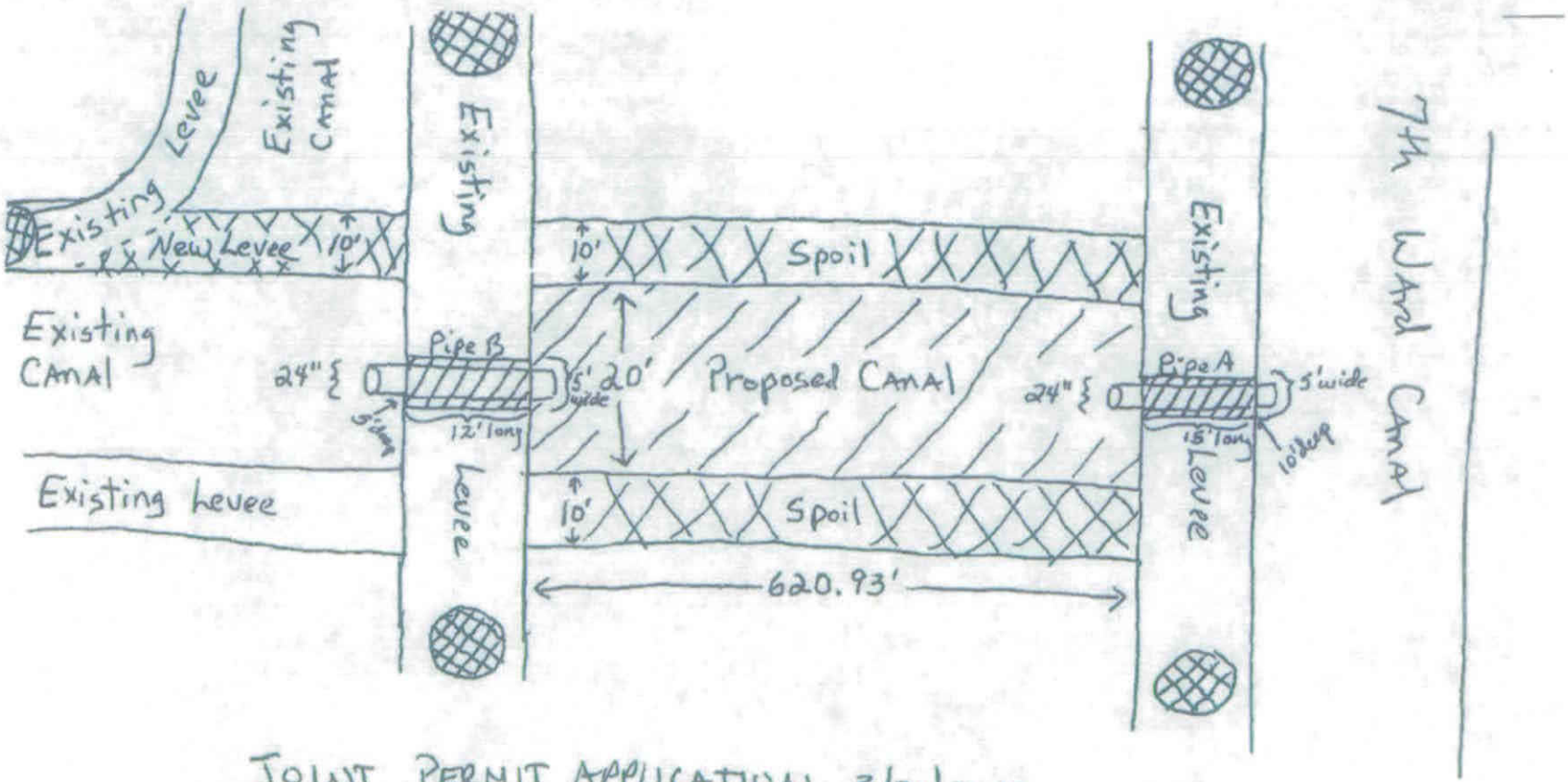
1) P20120450 Final Plats 10/23/2012

cc: Pete Serio, COE w/attachments
Dave Butler, LDWF w/attachments
Stephen Broussard, LED w/attachments
Jessica Diez, OCM w/attachments
Charlie Mestayer, OCM/FI w/attachments


Kaplan
Abbeville
Forked Island
PROJECT SITE
WHITE LAKE
Intracoastal City
Cow Island
Third Island
Little White Lake
Mud Point
Back Point
Pecan Island


Esther →
hwy 82
Forked Island ←
Access Route


N



JOINT PERMIT APPLICATION 3/31/2012

Legend: Temporary Backfill Area - 10' diameter

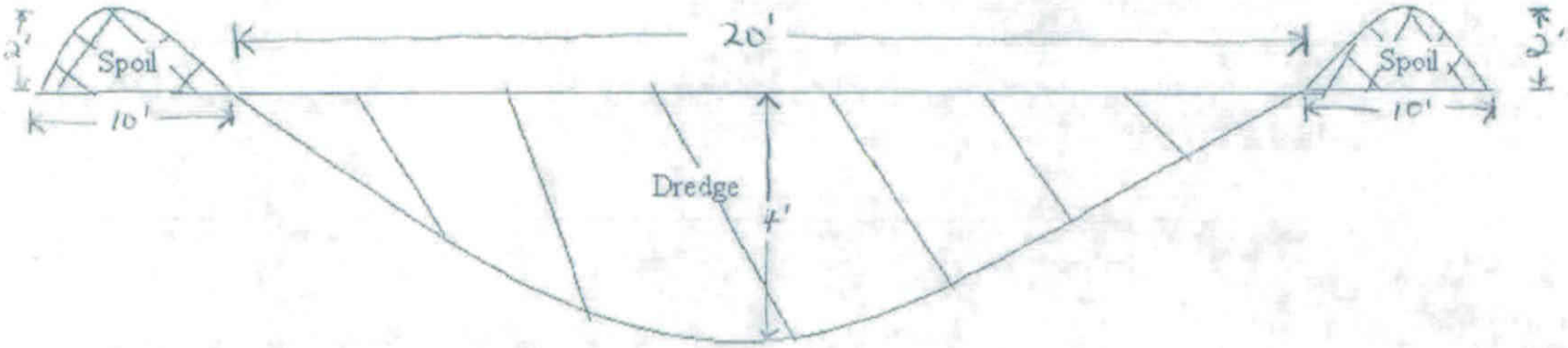
N

Pipe A placed under existing levee to transport water - 30' long, 24" diameter

Pipe B placed under existing levee to control water - 30' long, 24" diameter with drop gate at each end.

- Temporary pipe excavation - See Cross Sections

CROSS - SECTION
Proposed Canal



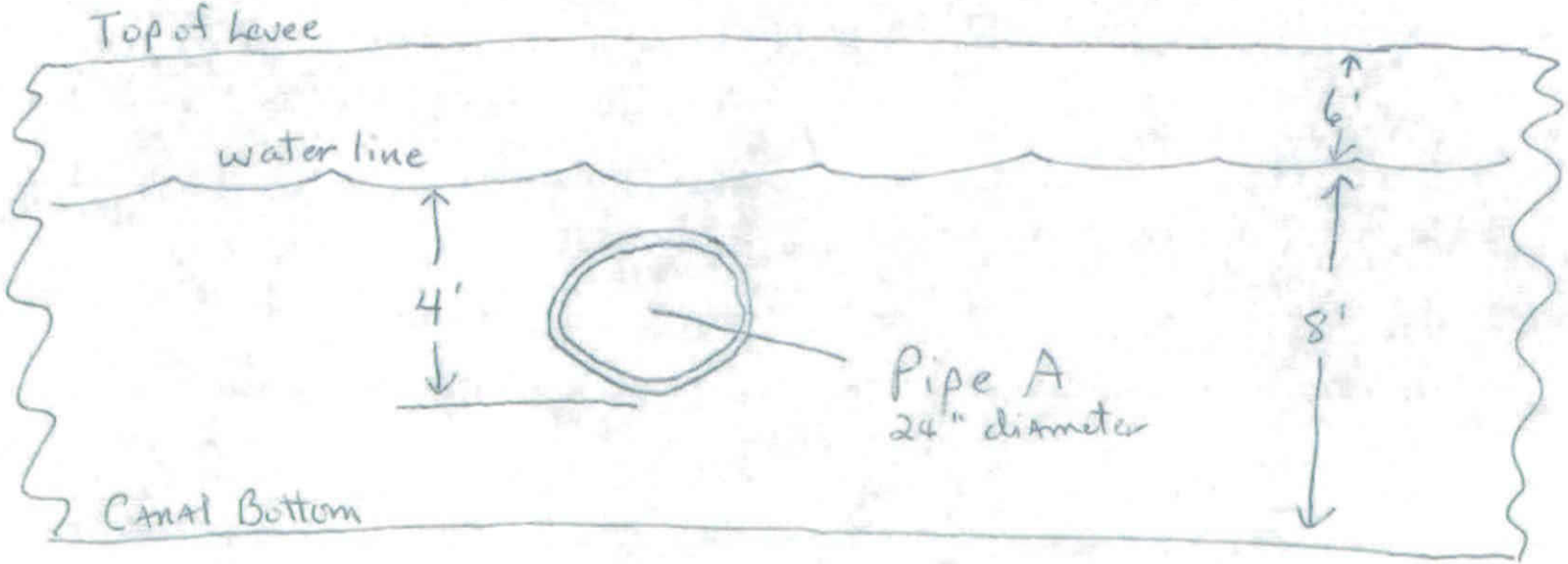
Dredging new canal for irrigation/drainage purposes. Dredging will be by excavator. Approximately 2,759.69 cubic yards will be excavated and placed on both the south and north sides of canal.

Proposed Excavation

Proposed Spoil Placement

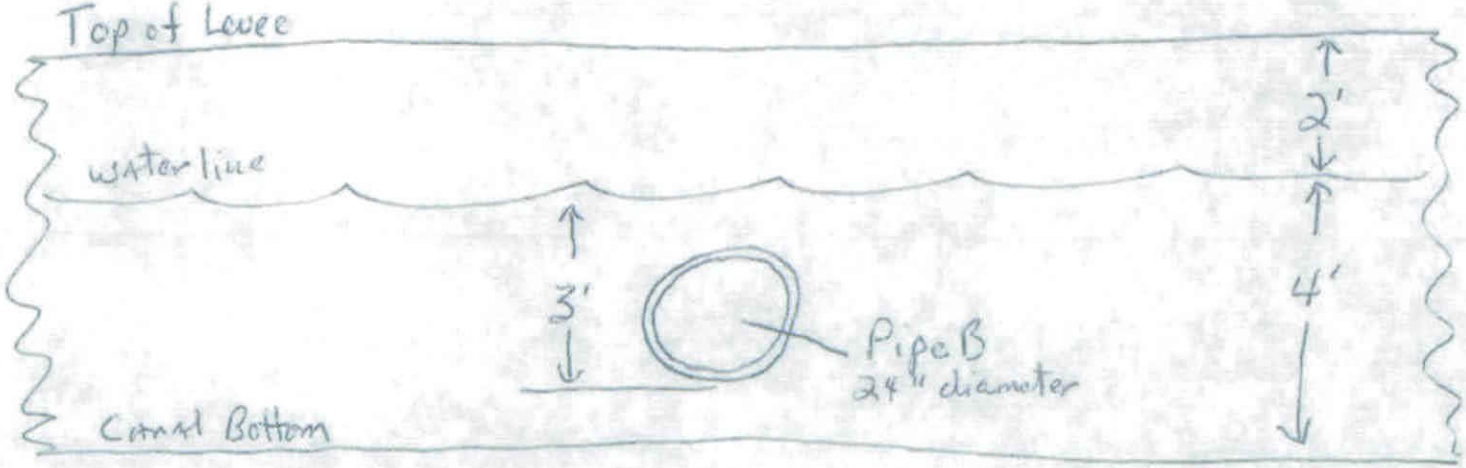
Joint Permit Application
03/31/2012

CROSS-SECTION
PIPE A
Joint Permit Application 03/21/2012



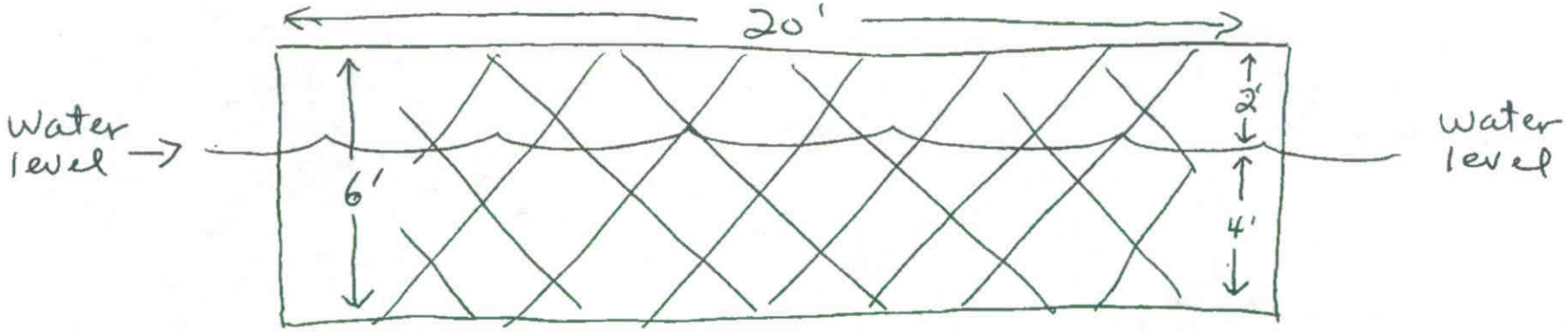
Pipe A will be installed in existing levee for 7th Ward Canal. The levee is 20' wide and rises 6' above mean water line. The levee runs for miles in either direction along western bank of 7th Ward Canal. The bottom of the pipe will be placed 4' below the mean water line and remain open at all times. Pipe A is 30' long with 24" diameter.

CROSS-SECTION
PIPE B
Joint Permit Application 03/31/2012



Pipe B will be installed in existing protection levee. The levee is 20' wide and rises 2' above mean water line. The levee runs entire eastern boundary of land in question. the bottom of pipe will be placed 3' below mean water line in canal. A drop gate will be installed on each end of Pipe B, which Pipe is 24" in diameter and 30' long. Operational Plan: Pipe B will be opened to flood rice field by use of pump. Otherwise Pipe B will be closed.

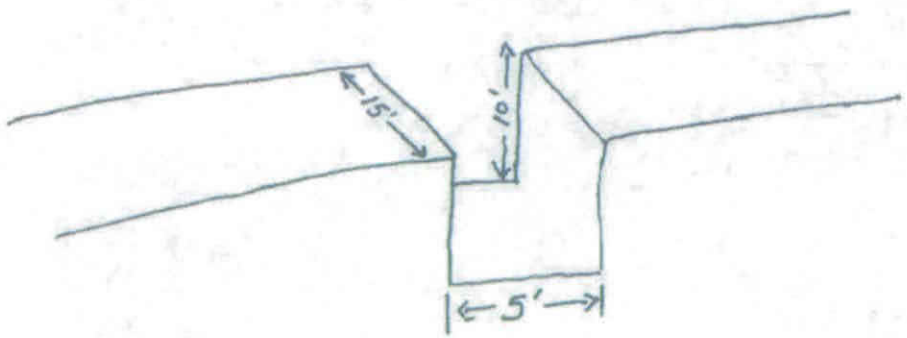
CROSS- SECTION
New Levee
JOINT PERMIT APPLICATION 3/31/2012



Legend: Proposed Soil Placement

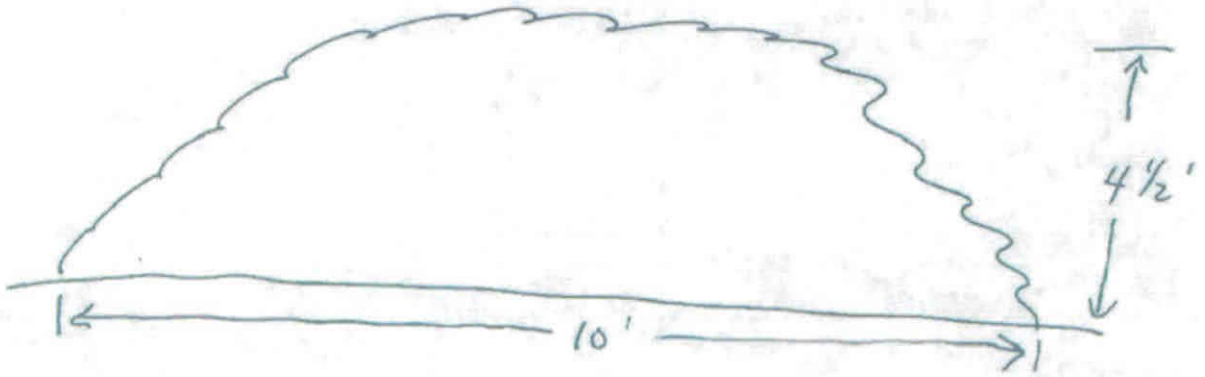
Propose building new levee 6' high, 20' long and 10' wide. The new levee is needed as a water/irrigation control. The existing irrigation canal to be leveed is wholly owned by me, to include the lands bordering the existing irrigation canal.

CROSS - SECTION
EXCAVATION FOR PIPE A
Joint Permit Application 3/31/2012



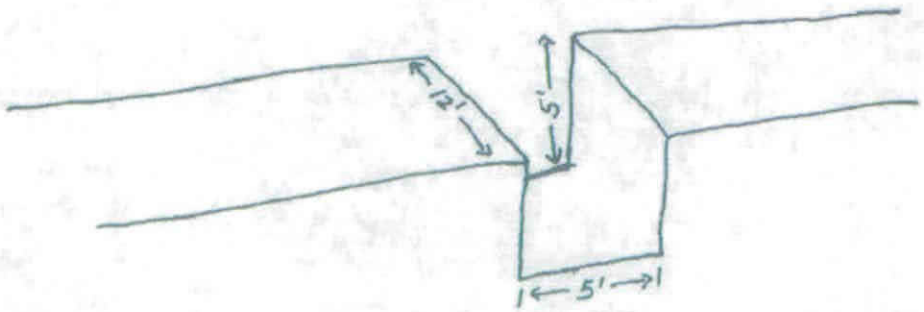
The excavation of existing levee for installation of Pipe A will be 15' long, 5' wide + 10' deep

CROSS - SECTION
TEMPORARY BACKFILL AREAS
Pipe A
Joint Permit Application 3/31/2012



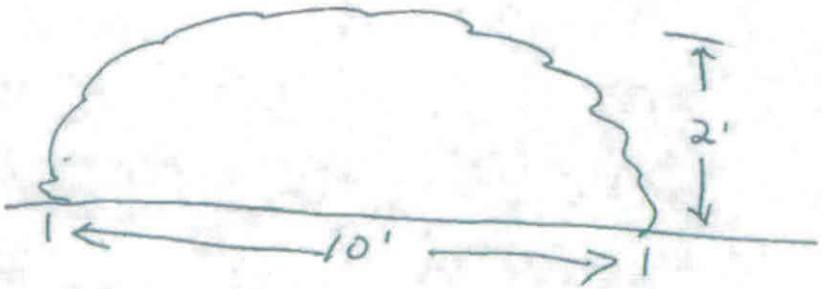
There will be two such temporary backfill areas to hold the ~~spoil~~ material excavated to install Pipe A.

CROSS- SECTION
EXCAVATION FOR PIPE B
JOINT PERMIT APPLICATION 3/31/2012

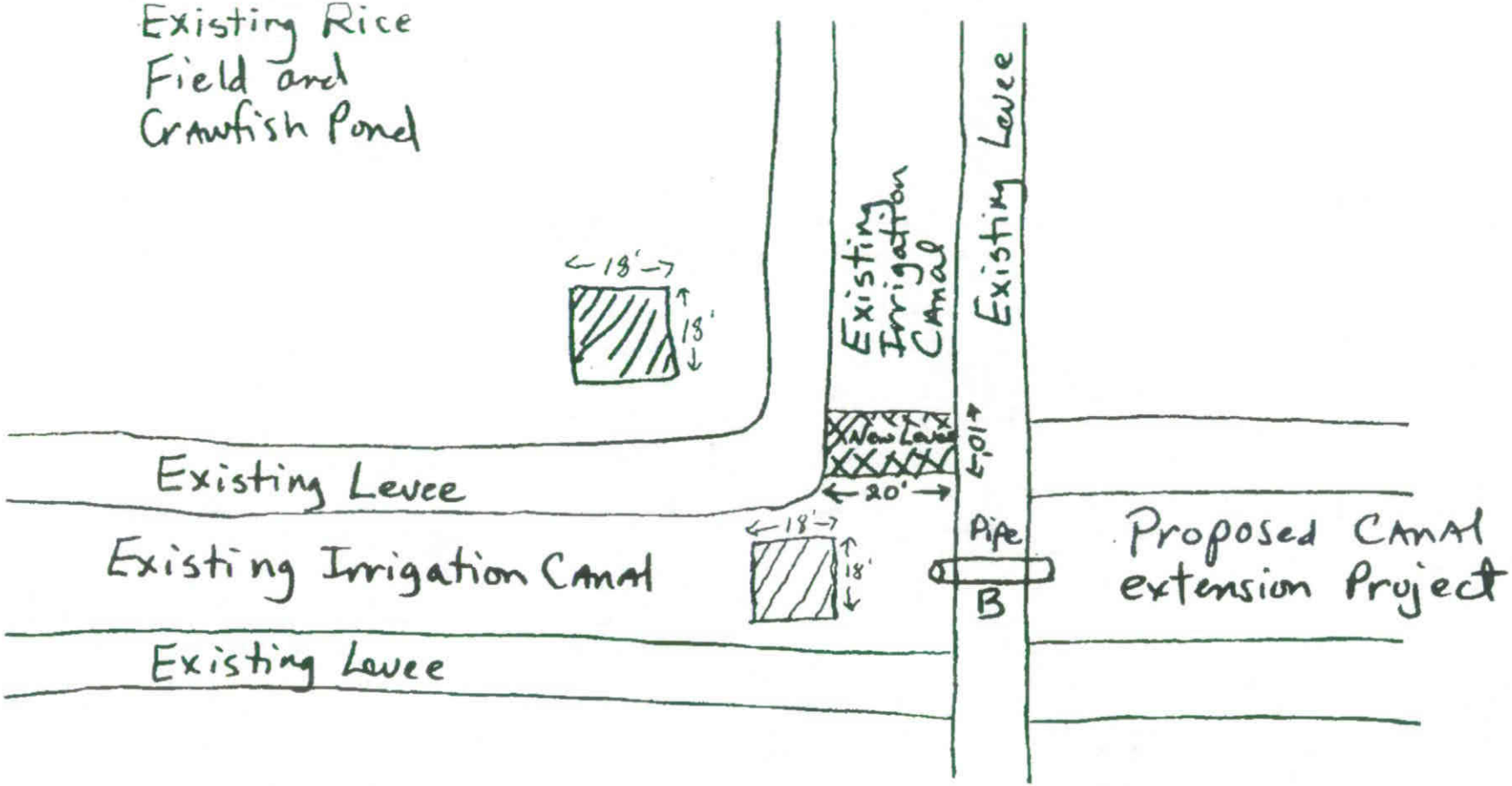


The excavation of existing protection levee for installation of pipe B will be 12' long, 5' wide and 5' deep.

CROSS - SECTION
TEMPORARY BACK FILL AREAS
PIPE B
Joint Application Permit 3/31/2012



There will be two (2) such temporary backfill areas to hold the ~~spoil~~ material excavated to install Pipe B



N

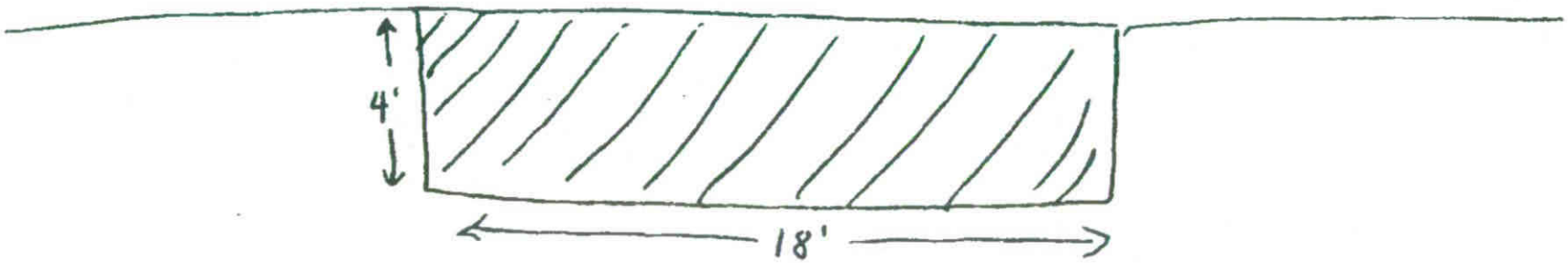
JOINT PERMIT APPLICATION 3/31/2012

Extension of Plan View to Adjacent Farm Lands

Legend: Excavation areas for new levee over existing irrigation canal. Dimensions are approx. 18 foot square by 4' deep. each.

CROSS - SECTION

Excavation Area
Bottom Existing Irrigation Canal
JOINT PERMIT APPLICATION 3/31/2012



The dimensions of the excavation area will be 18 feet square by 4' deep.

from bottom of existing irrigation canal.

DEPARTMENT OF NATURAL RESOURCES
COASTAL MANAGEMENT DIVISION

P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: **P20051608**

C.O.E. No.: **MVN- 2006- 33- WHH- 8**

NAME: **E. A. MCILHENNY ENTERPRISES**
c/o RANDY MOERTLE AND ASSOCIATES, INC.
1008 MAR DRIVE
LOCKPORT, LA 70374
Attn: Randy Moertle

LOCATION: **Vermilion Parish, LA**
Lat 29º33' 26.4"N / Long -92º16' 31.8"W; Section 2, 3,10 and 11; T17S R2E; Chenier au Tigre, approximately 12 miles southeasterly from Pecan Island, LA.

DESCRIPTION: Canal maintenance dredging to -7.0 NGVD and canal cleanout of debris from Hurricane Rita which has blocked access to property of E.A. McIlhenny Enterprises located north of Chenier au Tigre. Approximately 2 ft. of floating and sunken marsh debris will be removed within a 2,767 ft. location canal and the material will be placed on existing spoil banks. Approximately 12,298 cubic yards of debris will be removed from canal system as needed.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, and/or operate the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter, or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Coastal Management Division of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Coastal Management Division by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two years from the date of the signature of the Secretary or his designee. If the coastal use is not initiated within this two year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

    a. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

    b. Applicant will dispose of man-made debris at a state approved facility.

c. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

d. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.

e. Permittee shall allow representatives of the Coastal Management Division or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.

f. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.

g. This permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D.). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

The expiration date of this permit is five (5) years from the date of the signature of the Secretary or his designee.

Upon expiration of this permit, a new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

********** End of Conditions **********

By accepting this permit the applicant agrees to its terms and conditions.

I affix my signature and issue this permit this 24th day of October,2006

THE DEPARTMENT OF NATURAL RESOURCES

Jim Rives, Acting Administrator
Coastal Management Division

This agreement becomes binding when signed by Administrator of
the Coastal Management Division, Department of Natural Resources.

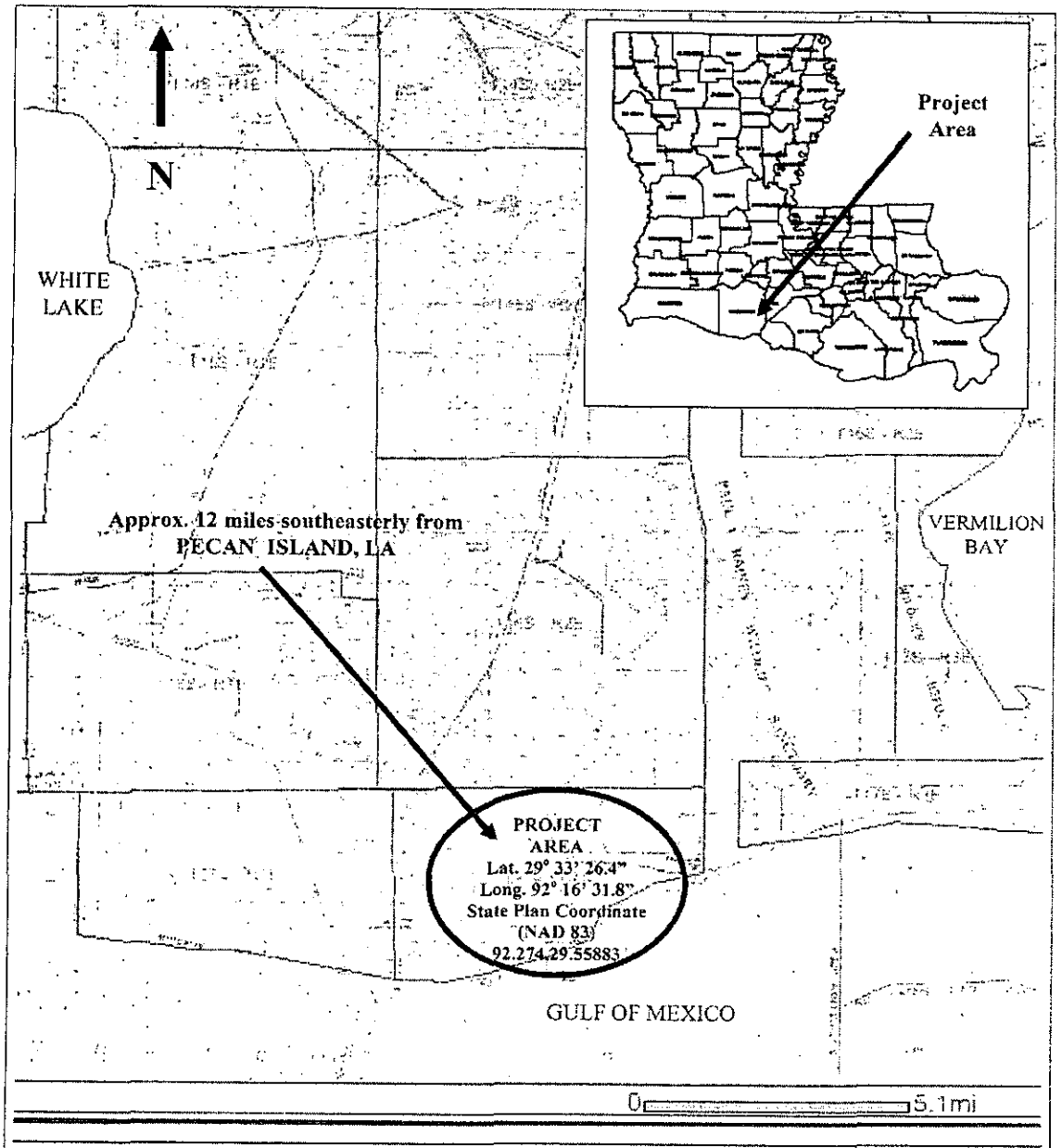
Attachments

Final Plats:

1) P20051608 Final Plats 08/17/2006

cc: Ron Ventola, COE w/attachments
Venise Ortego, LDWF w/attachments
Penny Landry, DNR/OC w/attachments
Karl Morgan, CMD/SS w/attachments
Charlie Mestayer, CMD/FI w/attachments

E.A. MCILHENNY ENTERPRISES w/attachments



E.A. McIlhenny Enterprises Canal Cleanout
Vermilion Parish, Louisiana
Vicinity Map

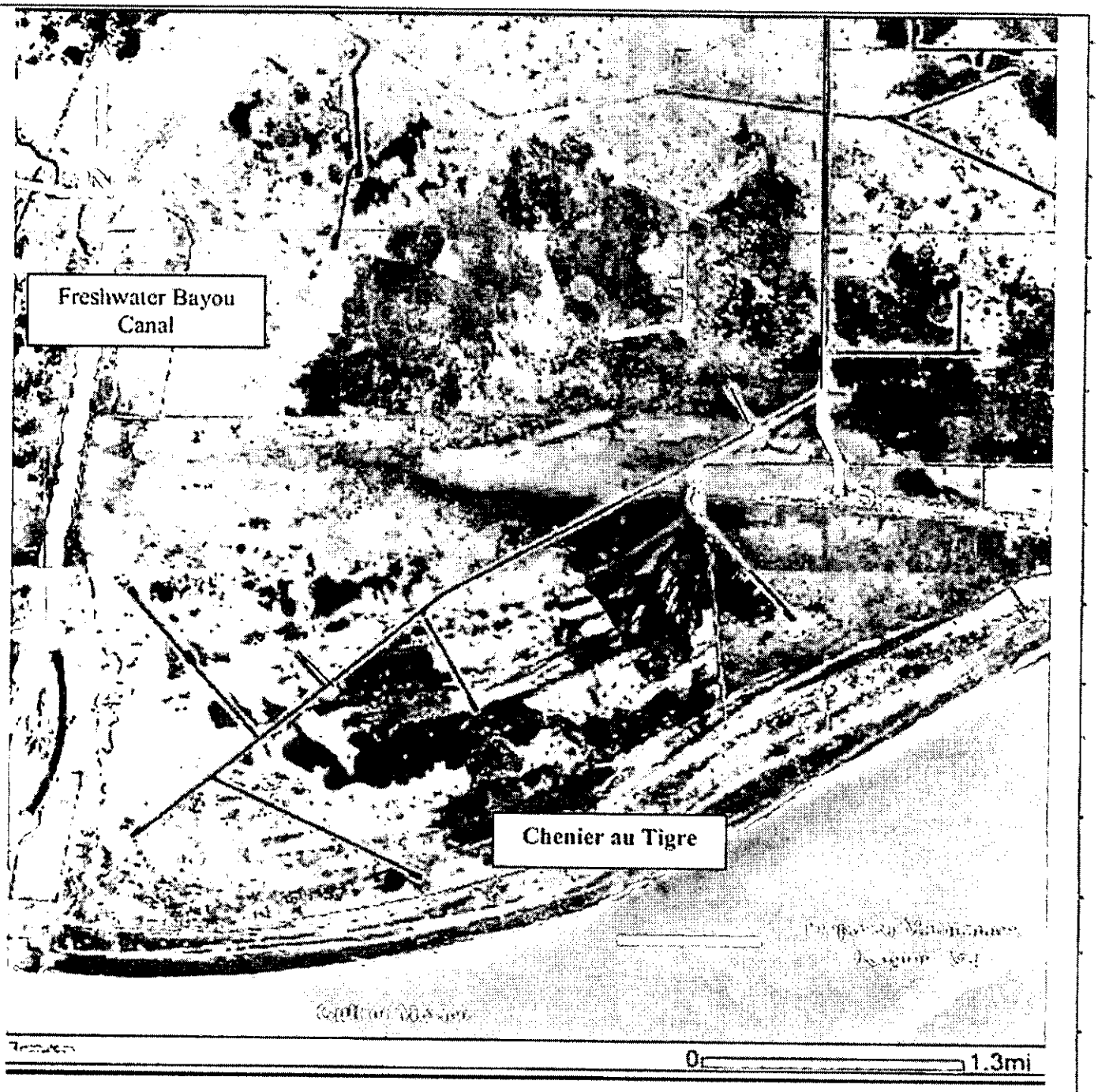
Randy Moertle and Associates, Inc.
1008 Mar Dr., Lockport, LA (986) 532-6388

Source:
U.S. Geological Survey - 1:10000

Location: Sec.3,7,8,9,10,17,18,19.20;
T-17-S, R-2-E

Sheet 1 of 4

224D



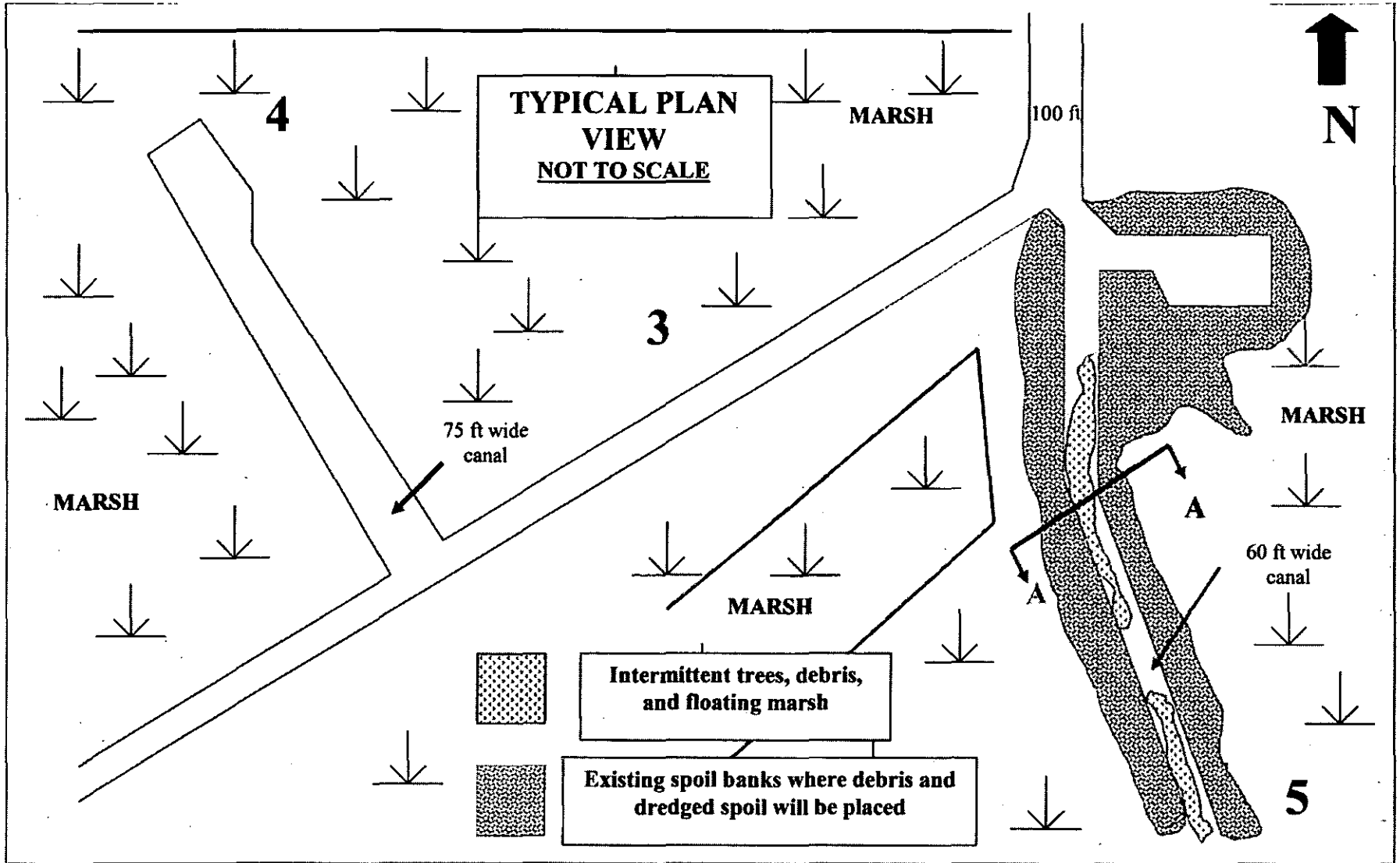
0 ——— 1.3mi

PLAN VIEW
CANALS TO BE MAINTENANCED

E.A. McIlhenny Enterprises Canal Cleanout
Vermilion Parish, Louisiana

1998 Digital Ortho Quarter Quad
Location: Sec. 3,7,8,9,10,17,18,19,20
T-17-S, R-2-E

Randy Moertle and Associates, Inc.
1008 Mar Dr., Lockport, LA (986) 532-6388
Revised drawing: 8/11/06



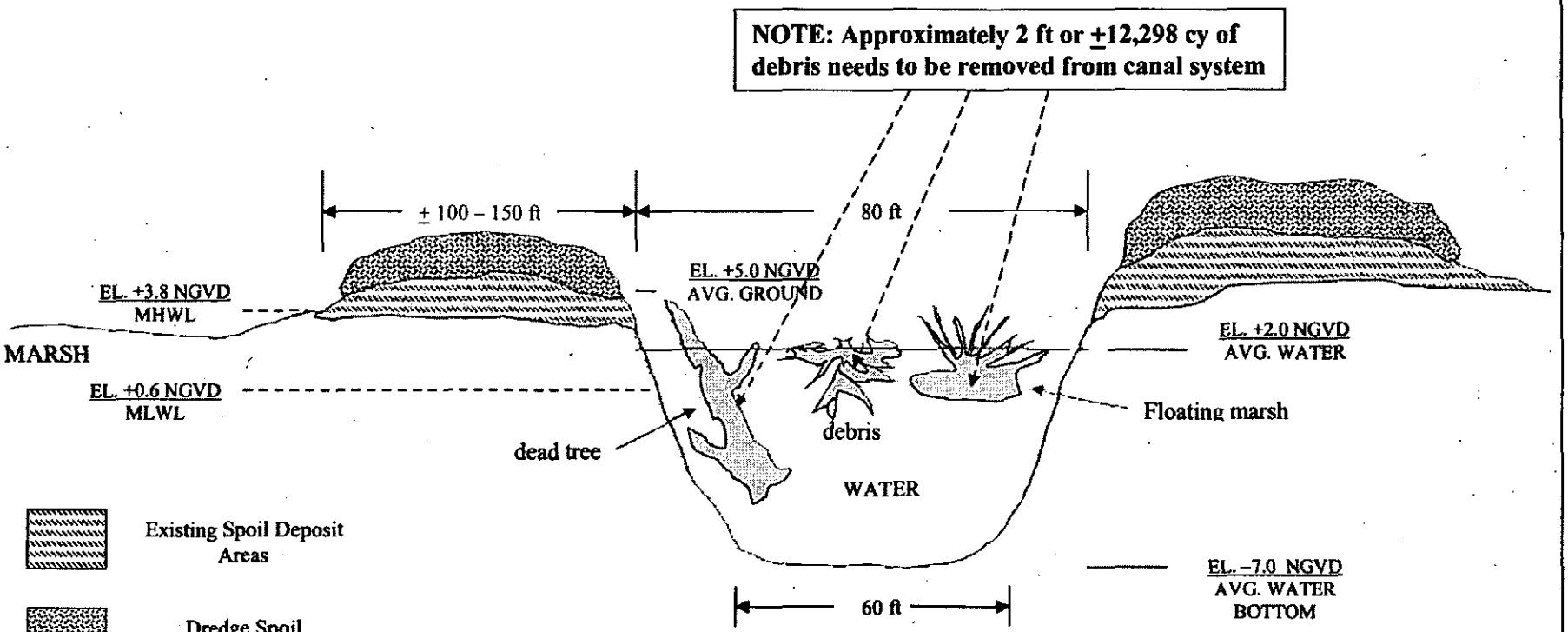
McIlhenny Enterprises Canal Cleanout
Vermilion Parish, Louisiana

± 12,298 cu yds of
debris removed as needed

Randy Moertle and Associates, Inc.
1008 Mar Dr., Lockport, LA 70374 (985) 532-6388

Location: Sec. 3,7,8,9,10,17,18,19,20;
T-17-S, R-2-E

Revised drawing: 8/11/06



TYPICAL CROSS SECTION A-A
CANAL MAINTENANCE DREDGING & CLEANOUT
NOT TO SCALE

McIlhenny Enterprises Canal Cleanout
Vermilion Parish, Louisiana

Randy Moertle and Associates, Inc.
1008 Mar Dr., Lockport, LA 70374 (985) 532-6388
Revised drawing: 8/11/06

Canal Maintenance Dredging & Cleanout
±12,298 cu yds of debris to be removed

Location: Sec.3,7,8,9,10,17,18,19.20;
T-17-S, R-2-E

Louisiana Department of Natural Resources
OFFICE OF COASTAL MANAGEMENT
Determination that No Coastal Use Permit is Required

Permit Application Number P20140002

A review of the permit application referenced above has shown that no Coastal Use Permit is required for the following reason(s):

____ 1. Activity is located outside of the coastal Zone. La. R.S. 49:214.25.E

____ 2. Activity is exempt from Coastal Use Permitting.

____ Activity is subject only to an In-Lieu Permit to drill an oil and gas well.
Title 43, Subpart 723.A.3 of the Louisiana Administrative Code (exempt code 6)

____ Activity is located at an elevation of 5' MSL or higher and/or in a fastland.
Title 43, Subpart 723.B.2 of the Louisiana Administrative Code (exempt code 1)

____ Activity is an emergency (threat to life, property, and/or the environment). A complete application is required within 30 days.
Title 43, Subpart 723.B.3 of the Louisiana Administrative Code

____ Activity is for normal maintenance and repair of an existing facility
Title 43, Subpart 723.B.4 of the Louisiana Administrative Code (exempt code 2)

____ Activity is for the construction of a residence or a camp.
Title 43, Subpart 723.B.5 of the Louisiana Administrative Code (exempt code 3)

____ Activity is for construction of navigational aids.
Title 43, Subpart 723.B.6 of the Louisiana Administrative Code (exempt code 4)

____ Activity is for Agricultural, Forestry, and Aquacultural Activities.
Title 43, Subpart 723.B.7 of the Louisiana Administrative Code (exempt code 5)

____ Activity was lawfully commenced prior to implementation of CUP process.
Title 43, Subpart 723.B.8.i of the Louisiana Administrative Code (exempt code 9)

____ 4. Activity is determined to be of No Direct and Significant Impact (NDSI) to coastal waters based upon its compliance with part (list number and letter)_____ of the October 4, 2012, NDSI criteria memo from Karl Morgan (OCM/PMD Administrator).
Title 43, Subpart 723.B.8.ii of the Louisiana Administrative Code

X 5. Activity is in compliance with the Office of Coastal Management General Permit, GP 10 & 6

____ 6. Other (explain in detail)_____.

Admin. Amendment: End wheelwashing coordinates

☒ MITIGATION IS REQUIRED.

Reviewed by:

Coastal Resources Analyst

2/10/2014
Date

Approved by:

Permit Section Coordinator

2/10/14
Date

Concurrence: (if applicable)

Mitigation Section Coordinator

Date

Fees Paid ___ Permit Processing ___ N/A ___ Mitigation Processing ___ N/A ___ Mitigation Contribution ___ N/A

9/22/99

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT
P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

CUP No.: **P20140002, (Administrative Amendment)**

NAME: **LOBO OPERATING, INC.**
ERIC G. RYALS, INC.
P. O. BOX 1258
MANDEVILLE, LA 70470
Attn: Kasey Hebert

LOCATION: **Vermilion Parish, LA**
Lat. 29° 35' 48"N / Long. 92° 23' 25"W (Begin Wheelwashing); Lat. 29° 32' 27" N / Long. 92° 23' 24" W (End Wheelwashing); Section 32, T16S-R1E; Section 6, T17S-R1E; Approximately 21 miles southwest of Intercoastal City, LA.

DESCRIPTION: Wheelwashing approximately 2,096' of an existing pipeline canal in order to access a pipeline (located on top of an existing platform) leak for repairs. Approximately 3,105 cubic yards of water bottom was excavated and placed onsite. An Emergency Use Authorization was issued for this work on November 5, 2013 (EUA 13-047).

ADMINISTRATIVE AMENDMENT: Corrected end wheel washing - Lat. 29° 35' 27" N / Long. 92° 23' 24" W

Pursuant to the Louisiana Administrative Code, Title 43, §723.E, you are hereby notified that the referenced activity is authorized by Coastal Use Permit(s) GP - 6 (pipeline repair), GP - 10 (maintenance dredging).

This administrative amended determination is valid for two (2) years from February 6th, 2014. If the proposed activity is not initiated within this two year period, this determination will expire and a new application will be required. The applicant will notify the Office of Coastal Management of the date on which initiation of the proposed activity began by entering a commencement date through the online system, or by mailing said information to OCM. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

This administrative amended determination has been made based on the information provided in your application showing that either no dredging or limited dredging would be necessary to access to the work site. Dredging beyond that described in your application, including prop washing, wheel

washing, or otherwise displacing water bottom material is not authorized by this determination. If site conditions are such that dredging beyond that authorized is necessary, a revised determination including agency or public notice if applicable, will be required.

This administrative amended determination has been made on the basis of information provided by your application. If it is later established that you furnished erroneous data, you may be directed to alter or modify your plans, to remove structures you have installed, and/or to restore the work area to pre-project conditions at your own expense. If it is established that you knowingly furnished erroneous data, you could also be subject to legal action.

This determination does not eliminate the need to obtain a permit from the United States Army, Corps of Engineers or any other Federal, state or local approval that may be required by law. The drawings submitted with your referenced application are attached hereto and made a part of the record. If you have any questions regarding this authorization, please contact our office (225) 342-7591 or (800) 267-4019.

**********END OF DETERMINATION**********

By accepting this administrative amended determination the applicant agrees to its terms and conditions.

I affix my signature and issue this administrative amended determination this 11th day of February, 2014.

DEPARTMENT OF NATURAL RESOURCES

Karl L. Morgan, Administrator
Office of Coastal Management

This agreement becomes binding when signed by the Administrator of the Office of Coastal Management, Department of Natural Resources.

KLM/bb

Attachments (plats, GP)
Enclosure (green card)

cc: Martin Mayer, COE w/attachments
Dave Butler, LDWF w/attachments
Stephen Broussard, LED w/attachments
James Mergist, DNR/OC w/attachments
Jessica Diez, OCM w/attachments
Darin Thomassee, OCM/FI w/attachments

LOBO OPERATING, INC. w/attachments

GP-6 Conditions

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permitted agrees to:

1. Carry out, perform, operate and maintain the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources. Please be advised that a separate coastal use permit may be required for maintenance activities.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter, or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The permittee will notify the Office of Coastal Management (OCM) of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The permittee shall notify the OCM by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

I. General Conditions

A. The Secretary of the Department of Natural Resources (DNR) has determined that full individual permit processing by the Coastal Management Division (CMD) is in the public interest in order to determine whether proposed activities qualify for authorization under this General Permit. This full individual permit processing will consist of review by the staff of CMD of each authorization request. Therefore, pursuant to the Rules and Procedures for Coastal Use Permits, Title 43, Subpart 723.C.3.a, of the Louisiana Code of Administrative Procedure, an application fee will be assessed for activities proposed for authorization under this General Permit and, if appropriate, processing fees and appropriate mitigation plan processing fees will also be assessed for activities approved under this General Permit.

B. A standard Joint Application Form shall be completed and submitted to CMD along with drawings depicting the location and character of work proposed for approval under the authority of this General Permit. The applicant shall submit a complete application packet (forms and plats) to CMD. The application shall be accompanied by the $100.00 application fee or the application fee in effect at the time of application submittal. This General Permit shall not apply if the proposed work is determined not to meet the criteria. The applicant shall be advised by letter within five (5) calendar days of receipt of the complete application that the application shall be processed as an individual Coastal Use Permit (CUP) if the determination is made that the proposed activity is not consistent with this General Permit.

C. Individual written approvals from CMD must be obtained prior to the commencement of any individual activity proposed under this General Permit.

D. Should CMD deem that they may have an interest in the project, prior to issuance of authorization for individual activities under this General Permit, the following agencies shall have a five (5) calendar day period to review the proposed activity: the Louisiana Departments of Wildlife and Fisheries; Health and Hospitals; Environmental Quality; Natural Resources, Coastal Restoration Division; Culture, Recreation and Tourism; Transportation and Development; the State Land Office, and the approved Parish Local Program, if applicable. CMD may issue authorization for the activity after the five day review period or after receiving notification by each of the agencies, either in writing or by telephone, that there are no objections to the proposed activity. However, the final decision for the issuance of authorization for individual activities under the authority of this General Permit, to issue approval with modifications or additional Operating Conditions, or to deny approval for the proposed work, shall be made by the Secretary of DNR.

E. Should it be deemed in the public interest, the Secretary shall deny authorization to perform work under the authority of this General Permit and require the applicant to obtain an individual CUP for the proposed activity.

F. Authorization for work under the authority of this General Permit shall expire if the work is not initiated and completed within two (2) years from the date of issuance of the original written approval. Initiation of the Coastal Use, for purposes of this General Permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. All activities authorized under the authority of this General Permit must be completed within 90 days of initiation of the work, with a one-time mobilization, unless a different time schedule is specifically approved by CMD.

G. The term of this General Permit shall be five (5) years from the date of issuance, except as provided for in LAC 43 Subpart 723.E.3.b. The term of individual authorizations issued under the authority of this General

Permit shall be two years from the date of issuance of the original individual authorization.

H. The permittee shall notify CMD of commencement of work which is authorized under the authority of this General Permit. The Permittee shall notify CMD by either providing the information in writing or entering the information through the online system, within three (3) days of the date of initiation of the authorized work.

I. Issuance of approval under the authority of this Coastal Use General Permit does not relieve the permittee of obtaining other lawfully required permits (local, state, or federal) before commencing work.

J. The permittee shall allow representatives of CMD or authorized agents to make periodic, unannounced inspections to assure the activity is being performed in accordance with the conditions of the permit.

K. Work carried out under the authority of this General Permit shall conform to all appropriate state and federal safety regulations.

L. An authorization issued under this General Permit may not be transferred to another party without giving prior notice to, and receiving written approval from, the CMD Administrator. A transfer form can be downloaded at http://dnr.louisiana.gov/crm/coastmgt/cup/cup.asp, or can be provided upon request.

M. Work carried out under the authority of this General Permit shall be performed in full compliance with the rules and regulations of DNR which exist at the time of approval for that work.

II. Operating Conditions

A. All logs and stumps unearthed during dredging shall be buried beneath the bottom of the waterway or removed to a disposal site on land.

B. Spoil shall not be placed in and shall not block any tidal sloughs.

C. The activities covered by this General Permit shall not adversely affect any threatened or endangered species. Adverse impacts on fish, wildlife and the environment shall be minimized.

D. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

E. The applicant shall notify the landowner(s), upon whose property the proposed work shall occur, of the fact that the application will be submitted. Copies of the initial notification letters sent to the landowner(s) shall be provided to CMD with the authorization request.

F. If archaeological, historical, or other cultural resources are encountered during activities authorized under the authority of this General Permit, work shall cease and the permittee shall immediately notify the Division of Archaeology, Louisiana Department of Culture, Recreation, and Tourism (P. O. Box 44247, Baton Rouge, LA 70804) and CMD (P. O. Box 44487, Baton Rouge, LA 70804-4487, (225) 342-7591). Work may not resume until written approval is obtained from CMD.

G. The permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary treatment (30 mg/l BOD5) with disinfection prior to discharge into any of the streams or adjacent waters of the area or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment

facilities, as is required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.

H. The permittee shall comply with all applicable laws regarding the need to contact the Louisiana One Call System ([800] 272-3020) to locate any buried cables and pipelines.

I. All activities, involving any discharge of pollutants, must be consistent with applicable water quality standards and any necessary permits issued through the Department of Environmental Quality/Office of Water Resources must be obtained.

J. Dredging and/or filling activities authorized under the authority of this General Permit shall not exceed the volume specified in the work statement of the individual authorization.

K. Activities authorized under the authority of this General Permit shall be carried out on a one-time basis, during a one-time mobilization, except in situations where sequential phases (e.g., use of different types of dredging techniques) may be specified in the work statement of the individual authorization. Additional authorizations may be necessary for maintenance activities or work beyond the scope of the authorized activities.

L. The requirement for compensatory mitigation for impacts to wetlands resulting from the referenced project will be determined after one full growing season (March 1 to November 1) following the completion of the permitted activities. This assessment shall include both primary impacts and secondary impacts which may result from the permitted activities.

If CMD determines that compensatory mitigation is required, Permittee shall submit a compensatory mitigation plan for approval within 30 days of notification of the compensatory mitigation requirements by CMD. All necessary approvals shall be obtained for the compensatory mitigation plan and the plan shall be implemented as directed by CMD. Permittee should be aware that compensatory mitigation projects may be required to be maintained for as many as 20 years for marsh mitigation projects and 50 years for forested wetland mitigation projects. A processing fee will be assessed for the determination of compensatory mitigation requirements and evaluation of the proposed compensatory mitigation plan in accordance with LAC Title 43, Part I, Chapter 7, §724.D. This fee shall apply regardless of which compensatory mitigation option is selected and does not include the cost incurred to implement the required compensatory mitigation.

M. When adverse impacts to vegetated wetlands may result from the proposed activity, and/or when otherwise determined necessary by CMD, the applicant and CMD shall negotiate, in consultation with the owner(s) of land on which the permitted activity is proposed to occur, and those other natural resource agencies deemed appropriate by CMD, a compensatory mitigation plan, and the applicant shall implement that plan. That plan shall fulfill the requirements of Louisiana Revised Statute 49:214.41 and those rules and regulations adopted thereunder. The compensatory mitigation plan shall be developed prior to the issuance of approval under the authority of this General Permit. The expiration of the term of this General Permit, or the revocation or expiration of approval to perform work under the authority of this General Permit, shall not absolve the permittee, its transferees, or assignees from the obligation and responsibility of implementing and maintaining the compensatory mitigation plan.

N. The applicant shall adhere to the following conditions if the project is within the boundaries of a public oyster seed ground:

1. Permittee shall be liable for, and shall compensate the state for, any damages to the oyster seed grounds caused by Permittee or Permittee's contractors during any work done under this permit. Prior to commencement of the permitted activity, Applicant will also provide the Louisiana Department of Wildlife and Fisheries (LDWF) with the name of an individual in authority who can be contacted regarding any work done under the permit.

2. Compensation for impacts to the public oyster seed grounds shall be in the form of the planting of cultch material (i.e. crushed concrete, limestone, oyster shell, etc) at the rate of 1 cubic yard per acre of impacted area for barren, non-supportive areas of the seed grounds, 50 cubic yards per acre of impacted area for supportive areas, and 187 cubic yards per acre of impacted area for reef areas plus the value of any living oyster resources destroyed. Applicant shall bear the expense of acquisition and deposition of cultch. The cultch shall be deposited by the Applicant, Applicant's contractor, or sub-contractor, under the direct supervision of LDWF, and shall be deposited at a time, place, and in a manner prescribed by the Department. In lieu of planting cultch material, the Applicant may make payment directly to the Public Oyster Seed Ground Development Account.

3. Permittee shall not discharge any drilling and/or workover effluent except for flocculated filtered water into the waters in the areas of the proposed activity. Discharge rate of water shall not exceed the rate of filtering.

4. Permittee shall not discharge any produced waters into the waters in the areas of proposed activity.

5. Permittee, Permittee's contractors and sub-contractors shall not discharge any human waste from any vessel that does not meet or exceed the requirements of the Department of Health and Hospitals.

6. If access route traverses a currently productive public oyster area, the Applicant shall secure approval of the access route from LDWF and shall ingress and egress to the project location only along the approved route.

7. Permittee shall establish and maintain, until the project is complete, along the access route appropriate access route markings for vessels traveling to and from the project location. These markings may be subject to applicable local, state, and federal navigation requirements. These markings shall be sufficient to be used during day and night operations as well as in any climatic and sea condition which may occur during permitted activities.

8. Permittee shall provide legal representation and indemnification to LDWF for any and all lawsuits and legal claims that may be filed or made against LDWF as a result of the activities by Applicant.

9. This permit specifically does not authorize prop washing, wheel washing, dredging, or jetting beyond what is shown in the application and drawings. Any changes or variances in the location, access route, volume of material moved and/or magnitude of the area of impact shall require formal application to, and prior written authorization from, DNR. The decision by DNR whether to authorize those changes will require consultation by DNR with LDWF in strict adherence to all applicable provisions of the February 3, 2005 Memorandum of Agreement between those two agencies.

10. Permittee shall have at the project location float booms for containing any spills.

11. At the discretion of the Secretary or Deputy Assistant Secretary of the LDWF, any activities may be suspended until more favorable conditions prevail.

12. Permittee shall provide a letter of completion and as-built drawings of the completed project to the LDWF no later than 60 days following completion of the permitted activity.

13. At the discretion of LDWF, a post-project bottom contour and side-scan survey may be required. The results of these surveys will be made available to the Department, upon request.

14. Permittee shall remove or spread any dredged material which is greater than 0.5 feet above original bottom contours.

15. At the discretion of LDWF, the Permittee may be required to return all or part of water bottoms to pre-project conditions.

16. All vessels utilized under this permit shall be of such size and loaded in such a manner as to not impact the water bottoms over which they pass.

17. Permittee shall provide to the LDWF a water bottom assessment (unless waived by LDWF) that meets LDWF water bottom assessment sampling protocol prior to commencement of permitted activity.

O. If the project authorized under the authority of this General Permit is located on the aboriginal homelands of the Chitimacha Tribe of Louisiana and/or at any time during the course of work any traditional cultural properties are discovered, the permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 AM - 5:00 PM. and on Friday between 7:30 AM and 11:30 PM. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

III. This General Permit does not apply in the following locations without prior written authorization from the appropriate agencies.

A. Work under the authority of this General Permit shall not be approved in the following areas, without prior written approval of the LDWF:

1.) Within one-quarter mile of the boundary of or within a currently productive oyster seed ground, oyster seed reservation or public oyster harvesting area; or

2.) Within the boundaries of a LDWF owned or managed wildlife refuge or wildlife management area; or

3.) Within 1,000 feet, or other distance deemed appropriate by LDWF, of a known bald eagle nest; or

4.) Within 1,500 feet, or other distance deemed appropriate by LDWF, of a known bird rookery area; or

5.) Within the officially designated critical habitat of a threatened or endangered species.

B. Work under the authority of this General Permit shall not be approved in the following areas, unless the applicant first provides a letter of no objection from the Louisiana Department of Culture, Recreation, and Tourism.

1.) Within a State Park, State Recreation Area or State Commemorative Area; or

2.) Within any known historic or archaeological site or within the boundaries of a historical district.

C. Within 1,000 feet of an established navigation channel or fairway constructed, owned, operated, or maintained

by federal, state, or local governments, or with federal, state, or local government funds, without written consent of each appropriate agency or governing body. An authorization request that is not accompanied by such written permission shall be processed as an application for an individual CUP. If, however, there is a physical barrier at the project site that isolates the Coastal Use from the navigation channel or fairway and effectively prevents any interchange between the two, this restriction does not apply.

D. Within 1,000 feet of a levee or other flood control facility constructed, owned, operated, or maintained by federal, state, or local governments, or with federal, state, or local government funds, without written consent of each appropriate agency or governing body. An authorization request that is not accompanied by such written permission shall be processed as an application for an individual CUP.

E. Within 1,500 feet of a barrier island, barrier island feature, chenier, or other coastal feature without the approval of the appropriate resource agencies that CMD determines to have programmatic interests.

IV. This General Permit does NOT apply in the following situations:

A. Within 1,000 feet of an area determined to be an unique ecological feature by the Secretary of the Department of Natural Resources.

B. Within Special Significance Areas designated pursuant to R. S. 49:214.41(F) and those rules and regulations adopted thereunder, where applicable.

C. Within the boundaries of a national park or monument, national wildlife refuge or established buffer zone at a national site.

V. Special Conditions

A. 12 inch maximum inside diameter and a maximum of 10,000 feet in length for pipelines to be authorized under the authority of this General Permit.

B. No dredging or propeller washing, including that required for access, is authorized under the authority of this General Permit.

C. Pipelines routes shall be located in non-wetland areas and existing disturbed corridors (e.g., spoil banks) whenever feasible and practicable, unless the Secretary determines that such location would have significant adverse impacts to contiguous wetlands.

D. In wetlands and on spoil banks, pipelines shall be laid on the surface of the ground, buried to a depth of no less than three feet below the existing ground surface, or placed on pipe bents, except as may be otherwise provided by the Secretary. If other pipelines are encountered along the installation route, the pipeline being installed shall be buried below the encountered pipeline(s) if necessary to meet the minimum burial depth requirement of three feet.

E. In open water areas, pipelines shall be buried (trenched, jetted, or directionally bored) to a minimum of three feet below the mudline, except as may be otherwise directed by the Secretary. If other pipelines are encountered along the installation route, the pipeline being installed shall be buried below the encountered pipeline(s) if necessary to meet the minimum burial depth requirement of three feet. Pipeline trenches shall be backfilled to within six inches of pre-project bottom contours upon completion of pipeline installation. Pipeline burial in such locations shall comply with Special Condition E. and F. Where it is determined to be necessary by the Secretary, an appropriate quantity of suitable erosion resistant material (rock or other

material approved by CMD) shall be placed on each canal bank, natural bank or shoreline at the location(s) of pipeline crossings. Such shoreline stabilization shall not extend further than 10' below MLW and shall be maintained for the life of the project.

F. Trenches dredged for the burial of pipelines shall be restricted to the minimum width required for safe working conditions; however, the top width of trenches shall not exceed 6 feet. Material dredged from the trenches shall be temporarily stockpiled adjacent to the trenches. Stockpiled material shall be clearly marked, and the markers shall be maintained, to minimize any possible hazard to navigation. Trenches shall be backfilled upon successful testing of the pipeline; however, all trenches shall be backfilled within thirty (30) days of dredging.

G. If replacement of an existing pipeline is authorized under the authority of this General Permit, that portion of the old pipeline to be replaced shall be removed, unless it is determined by the Secretary that deferring removal of the pipeline would be in the public interest, provided that the applicant agrees to retain liability for the pipeline and that letter(s) of no objection to leaving the pipeline in place is received from:

1.) LDWF for areas:

(a) within one-quarter of a mile or within the boundaries of an oyster lease, oyster seed ground, oyster seed reservation or public oyster harvesting area or other shell reef area; or

(b) within the boundaries of a LDWF owned or managed wildlife refuge or wildlife management area; or

(c) within an area designated as a natural and scenic river in accordance with the provisions of R. S. 56:1840.

2.) The Louisiana Department of Culture Recreation and Tourism for areas:

(a) within a State Park, State Recreation Area or State Commemorative Area; or

(b) within any known historic or archaeological site or within the boundaries of an historical district.

3.) The Louisiana Department of Natural Resources, Pipeline Operations Division; and

4.) The State Land Office.

H. Pipelines installed under the authority of this general permit shall be removed within one hundred (120) days of abandonment unless it is determined by the Secretary that deferring removal of the pipeline would be in the public interest, provided that the applicant agrees to retain liability for the pipeline and that letter(s) of no objection to leaving the pipeline in place is received from:

1.) LDWF for areas:

(a) within one-quarter of a mile or within the boundaries of an oyster lease, oyster seed ground, oyster seed reservation or public oyster harvesting area or other shell reef area; or

(b) within the boundaries of a LDWF owned or managed wildlife refuge or wildlife management area; or

(c) within an area designated as a natural and scenic river in accordance with the provisions of R. S. 56:1840.

2.) The Louisiana Department of Culture Recreation and Tourism for areas:

(a) within a State Park, State Recreation Area or State Commemorative Area; or

(b) within any known historic or archaeological site or within the boundaries of an historical district.

3.) The Louisiana Department of Natural Resources, Pipeline Operations Division; and

4.) The State Land Office

I. If the applicant has a clearly identifiable need to leave the pipeline in place (i.e., possible future use, conflicting activities, etc.), the Secretary may authorize the permittee to allow the pipeline to remain in place for a period of 1 year. During this period of time, the authorization shall not be transferred without specific acceptance of the responsibility to remove the pipeline as agreed. In order for the Secretary to consider authorizing a delay in removing an abandoned pipeline, the applicant must provide detailed justification timing for the delay in removing the pipeline.

J. All pipelines removed under the authority of this General Permit shall be disposed of in accordance with applicable federal and state regulations and guidelines, and the pipeline trench shall be completely backfilled in accordance with Special Condition E.

K. All pipelines removed under the authority of this General Permit shall be purged at the time of removal in accordance with applicable federal and state regulations and guidelines.

L. As-built drawings shall be submitted within 30 days of completion of this project to the Louisiana Department of Natural Resources, Office of Conservation, Pipeline Division, P. O. Box 94275, Baton Rouge, La. 70804 and to the Louisiana Department of Natural Resources, Coastal Management Division, P.O. Box 44487, Baton Rouge, La. 70804-4487.

M. Trenches, up to 1,000 feet long, authorized for the lowering and/or repair of existing pipelines, not limited to12 inches in inside diameter, shall be restricted to the minimum width required for safe working conditions; however, the top width of trenches shall not exceed 12 feet. Material dredged from the trenches shall be temporarily stockpiled adjacent to the trenches. Stockpiled material shall be clearly marked, and the markers shall be maintained, to minimize any possible hazard to navigation. Trenches shall be backfilled upon successful testing of the pipeline; however, all trenches shall be backfilled within thirty (30) days of dredging.

N. Work areas required for pipelines crossing other pipelines, metering stations, corrosion protection facilities, and to tie into other pipelines shall be no larger than 30 feet wide x 30 feet long x 9 feet deep; directional drilling locations for the installation of pipelines shall be no larger than 30 feet wide x 75 feet long x 9 feet deep, are authorized under the authority of this General Permit. Material dredged from the trenches shall be temporarily stockpiled adjacent to the trenches. Stockpiled material shall be clearly marked, and the markers shall be maintained, to minimize any possible hazard to navigation. Trenches shall be backfilled upon successful testing of the pipeline; however, all trenches shall be backfilled within thirty (30) days of dredging.

VI. Definitions

A. As used in this general permit, the following terms shall have the meaning ascribed to them:

1.) "Pipelines" shall refer to lines 12 inches or less in inside diameter which carry oil, gas, and salt water. Lines which carry sulphur, caustics, or other hazardous or toxic substances shall not be authorized by this General Permit.

2.) "Wetlands" means an open water area or an area that is inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and under normal circumstances does support, a prevalence of vegetation typically adapted for life in saturated soil conditions which occur within the designated coastal zone of the state. Wetlands generally include swamps, marshes, bogs, and similar areas.

3.) "Abandonment" occurs when something is no longer used for the purpose in which it was authorized.

4.) "Push Pull Method" refers to the method of pushing and/or pulling a pipeline from a staging or construction area without using wheeled or tracked vehicles on the marsh.

GP-10 Conditions

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permitted agrees to:

1. Carry out, perform, operate and maintain the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources. Please be advised that a separate coastal use permit may be required for maintenance activities.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter, or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The permittee will notify the Office of Coastal Management (OCM) of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The permittee shall notify the OCM by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

I. General Conditions

A. The Secretary of DNR has determined that full individual permit processing by OCM is in the public interest in order to determine whether proposed activities qualify for authorization under the authority of this Amended General Permit. This full individual permit processing will consist of review by the staff of OCM of each authorization request. Therefore, pursuant to the Rules and Procedures for Coastal Use Permits, Title 43, Subpart 723.C.3.a, of the Louisiana Code of Administrative Procedure, an application fee will be assessed for activities proposed for authorization under the authority of this Amended General Permit. If appropriate, permit processing fees and appropriate mitigation plan processing fees will also be assessed.

B. A standard Joint Application Form shall be completed and submitted to OCM along with drawings depicting the location and character of work proposed for approval under the authority of this Amended General Permit. The applicant shall submit a complete application packet (forms and plats) to OCM. The application shall be accompanied by the application fee in effect at the time of application submittal. This Amended General Permit shall not apply if the proposed work is determined not to meet the criteria. The applicant shall be advised within five (5) calendar days of receipt of the complete application that the application shall be processed as an individual CUP if the determination is made that the proposed activity is not consistent with this Amended General Permit.

C. Individual written approvals from OCM must be obtained prior to the commencement of any individual activity proposed under the authority of this Amended General Permit.

D. Prior to issuance of authorization for an individual activity under the authority of this Amended General Permit, the following agencies shall have a ten (10) calendar day period to review the proposed activity: the Louisiana Departments of Wildlife and Fisheries; Health and Hospitals; Environmental Quality; Office of Coastal Protection and Restoration; Culture Recreation, and Tourism; Transportation and Development; State Land Office; and the approved Parish Local Program, if applicable. OCM may issue authorization for the proposed activity after the designated review period or after receiving notification by each of the agencies, either in writing or by telephone, that there are no objections to the proposed activity. However, the final decision for the issuance of authorization for individual activities under the authority of this Amended General Permit, to issue approval with modifications or additional Operating Conditions, or to deny approval for the proposed work, shall be made by the Secretary of DNR, or his designee.

E. Should it be deemed in the public interest, the Secretary shall deny authorization to perform work under the authority of this Amended General Permit and require the applicant to obtain an individual CUP for the proposed activity.

F. Unless otherwise specified in the Amended General Permit or specific work approval, authorization for work under the authority of this Amended General Permit shall expire if the work is not initiated and completed within two (2) years from the date of issuance of the original written individual approval. Initiation of the Coastal Use, for purposes of this Amended General Permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. All activities authorized under the authority of this General Permit must be completed within 90 days of initiation of the work, with a one-time mobilization, unless a different time schedule is specifically approved by OCM.

G. The term to initiate and complete an individual authorization issued under the authority of this Amended General Permit may be extended for up to an additional two (2) years beyond the initial two (2) year term.

Extension requests shall be in the form of a written letter which shall refer to the original coastal use permit application number and specifically state that a permit extension is desired. Submission of extension requests via the online application system also is acceptable. A nonrefundable extension request fee in the amount of $80 shall be included with such a request, and the request must be received by the Permits, Mitigation and Support Division no sooner than 180 days and no later than 60 days prior to the expiration of the individual authorization in question. Requests received later than 60 days prior to the expiration date of the permit shall be eligible for consideration for extension, however a permittee who fails to make a timely request for an extension shall not engage in any activity requiring a coastal use permit past the original permit expiration date until an extension of the lapsed permit or a new permit is granted.

H. The Term of this Amended General Permit shall be five (5) years from the date of issuance, except as provided for in LAC 43 Subpart 723.E.3.b.

I. The permittee shall notify OCM of commencement of activities which are authorized under the authority of this Amended General Permit. The permittee shall notify OCM by either providing the information in writing or entering the information through the online system, within three (3) days of the date of initiation of the authorized work.

J. Issuance of approval under the authority of this Amended General Permit does not relieve the permittee of obtaining other lawfully required permits (local, state, or federal) before commencing work.

K. The permittee shall allow representatives of OCM or authorized agents to make periodic, unannounced inspections to assure the activity is being performed in accordance with the conditions of the permit.

L. Work carried out under the authority of this Amended General Permit shall conform to all appropriate state and federal safety regulations.

M. An authorization issued under the authority of this Amended General Permit may not be transferred to another party without giving prior notice to, and receiving written approval from, the OCM Administrator. A transfer form can be downloaded at http://dnr.louisiana.gov/assets/docs/coastal/cup/transfer.pdf, or can be provided upon request.

N. Work carried out under the authority of this Amended General Permit shall be performed in full compliance with the rules and regulations of DNR which exist at the time of approval for that work.

O. Permittee shall provide legal representation and indemnification to State agencies for any and all lawsuits and/or claims whether they be legal or otherwise that may be filed or made against State agencies as a result of the activities by Permittee.

II. Operating Conditions

A. All logs, stumps and other debris encountered during dredging activities shall be removed from the site during or immediately after the activity and disposed of in accordance with all applicable laws and regulations.

B. Spoil shall not be placed in or not block any tidal sloughs.

C. This Amended General Permit does not convey any property rights, mineral rights, or exclusive privileges, nor does it authorize injury to property.

D. If archaeological, historical, or other cultural resources are encountered during activities authorized under the

authority of this Amended General Permit, work shall cease and the permittee shall immediately notify the Division of Archaeology, Louisiana Department of Culture, Recreation, and Tourism (CRT) (P. O. Box 44247, Baton Rouge, LA 70804) and OCM (P. O. Box 44487, Baton Rouge, LA 70804-4487, (225) 342-7591). Work may not resume until written approval is obtained from CRT.

E. The permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall not be discharged into any of the streams or adjacent waters of the area without authorization from DHH and/or LDEQ or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code and LDEQ regulations. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals (DHH) for purpose of review and approval prior to any utilization of such provisions.

F. The permittee shall comply with all applicable laws regarding the need to contact the Louisiana One Call System (811) or online at http://www.laonecall.com/how_to_use_us.htm to locate any buried cables and pipelines.

G. The permittee is subject to all laws related to damages which are demonstrated to have been caused by the permitted activities.

H. All activities involving any discharge of pollutants must be consistent with applicable water quality standards and any necessary permits issued through the Department of Environmental Quality/Office of Water Resources must be obtained.

I. Dredging and/or filling activities authorized under the authority of this Amended General Permit shall not exceed the volume specified in the project description of the individual authorization.

J. When adverse impacts to vegetated wetlands may result from the proposed activity, and/or when otherwise determined necessary by OCM, the applicant and OCM shall negotiate, in consultation with the owner(s) of land on which the permitted activity is proposed to occur, and those other natural resource agencies deemed appropriate by OCM, a compensatory mitigation plan, and the applicant shall implement that plan. That plan shall fulfill the requirements of Louisiana Revised Statute 49:214.41 and those rules and regulations adopted thereunder. Unless otherwise stated the expiration of the term of this Amended General Permit, or the revocation or expiration of approval to perform work under the authority of this Amended General Permit, shall not absolve the permittee, its transferees, or assignees from the obligation and responsibility of implementing and maintaining the compensatory mitigation plan.

K. If applicable, the requirement for compensatory mitigation for impacts to wetlands resulting from the referenced project may be determined after one full growing season (March 1 to November 1) following the completion of the permitted activities. This assessment shall include both primary impacts and secondary impacts which may result from the permitted activities.

If OCM determines that compensatory mitigation is required, permittee shall submit a compensatory mitigation plan for approval within 30 days of notification of the compensatory mitigation requirements by OCM. All necessary approvals shall be obtained for the compensatory mitigation plan and the plan shall be implemented as directed by OCM. Permittee should be aware that compensatory mitigation projects may be required to be maintained for as many as 20 years for marsh mitigation projects and 50 years for forested wetland mitigation projects. A processing fee will be assessed for the determination of compensatory

mitigation requirements and evaluation of the proposed compensatory mitigation plan in accordance with LAC Title 43, Part I, Chapter 7, §724.D. This fee shall apply regardless of which compensatory mitigation option is selected and does not include the cost incurred to implement the required compensatory mitigation.

L. Individual activities authorized under the authority of this Amended General Permit and occurring on LDWF identified Public Oyster Seed Grounds or Reservations shall be conditioned as agreed upon per the Memorandum of Understanding between the LDNR and LDWF, and all subsequent amendments to said document. This document can be found at http://dnr.louisiana.gov/index.cfm?md=pagebuilder&tmp=home&pid=96.

M. Individual activities authorized under the authority of this Amended General Permit shall be carried out on a one-time basis, during a one-time mobilization, except in situations where sequential phases (e.g., use of different types of dredging techniques, or phased construction) may be specified in the work statement of the individual authorization. Additional authorizations may be necessary for maintenance activities or work beyond the scope of the authorized activities.

N. If the project authorized under the authority of this Amended General Permit is located on the aboriginal homelands of the Chitimacha Tribe of Louisiana and/or at any time during the course of work any traditional cultural properties are discovered, the permittee shall immediately contact the Chitimacha Tribe of Louisiana, P.O. Box 661, Charenton, LA 70523 - phone (337) 923-7215.

III. This Amended General Permit does not apply in the following locations without prior written authorization from the appropriate agencies:

A. Work under the authority of this Amended General Permit shall not be approved in the following areas, unless the applicant first provides a letter of no objection from the Louisiana Department of Wildlife and Fisheries:

1. Within the boundary of a currently productive oyster seed ground, oyster seed reservation or public oyster harvesting area; or
2. Within the boundaries of a LDWF owned or managed Wildlife Management Area or Wildlife Refuge.
3. Within 1,000 feet, or other distance deemed appropriate by LDWF, of a known bald eagle nest.
4. Within 1,500 feet, or other distance deemed appropriate by LDWF, of a known bird rookery area.
5. Within the officially designated critical habitat of a threatened or endangered species.

B. Work under the authority of this Amended General Permit shall not be approved in the following areas, unless the applicant first provides a letter of no objection from the Louisiana Department of Culture, Recreation, and Tourism:

1. Within a State Park, State Recreation Area or State Commemorative Area; or
2. Within any known historic or archaeological site or within the boundaries of an historical district.

C. Within 1,000 feet of an established navigation channel or fairway constructed, owned, operated, or maintained by federal, state, or local governments, or with federal, state, or local government funds, without written consent of each appropriate agency or governing body. An authorization request that is not accompanied by such written permission shall be processed as an application for an individual CUP. If, however, there is a physical barrier at the project site that isolates the Coastal Use from the navigation channel or fairway and effectively prevents any interchange between the two, this restriction does not apply.

D. Within 1,500 feet of the Mississippi River or Atchafalaya River levees or within 300 feet of all other levees or other flood control structures which are owned, operated or maintained by the federal government, or with

federal funds, without the written consent of each appropriate agency or governing body.

E. Within 1,000 feet of levees or other flood control facilities constructed, owned, operated or maintained by state or local governments, or with state or local government funds, without the written consent of each appropriate agency or governing body.

F. Within 1,500 feet of a barrier island, barrier island feature, chenier or other coastal feature without the approval of the appropriate resource agencies that OCM determines to have programmatic interests.

IV. This Amended General Permit does NOT apply in the following situations:

A. Within 1,000 feet of an area determined to be a unique ecological feature by the Secretary of DNR.

B. Within Special Significance Areas designated pursuant to R.S. 49:214.41(F) and those rules and regulations adopted thereunder, where applicable.

C. Within the boundaries of a national park or monument, national wildlife refuge or established buffer zone for any such national site.

V. Special Conditions

A. This Amended General Permit authorizes maintenance dredging activities to deepen an existing oil and gas canal, channel or slip to provide access for water-borne equipment used for the exploration or production of petroleum reserves. This Amended General Permit does not authorize the re-establishment of a channel, canal or slip when dredging of 80% or more of the original cross-sectional area of the channel is required.

B. This Amended General Permit authorizes maintenance dredging, in existing canals and open water channels, of a navigation passage with a maximum allowable bottom width of 70 feet and a maximum allowable depth of -8 feet below the mean water level. The maximum dimensions of maintenance dredging activities proposed to occur in existing slips which will be authorized under the authority of this Amended General Permit shall be 160 feet bottom width by 375 feet bottom length by -8 feet depth below the mean water level, with a 90 foot by 90 foot wing.

C. The permittee shall provide OCM with the following information for each individual maintenance operation proposed for authorization under the authority of this Amended General Permit:

1. Specific dredging locations, including canal, channel and slip dimensions and anticipated date of proposed maintenance;

2. Proposed dredging method;

3. Anticipated volume of dredged material;

4. Specific spoil disposal techniques and locations relative to existing uplands, wetland and open water areas; and

5. Reason(s) for requested access (i.e., new well, plug and abandon, re-entry/workover, etc.).

D. Spoil may be disposed of by one, or a combination, of the following methods:

1. Placed upon existing spoil banks;

2. Placed upon areas previously impacted by the authorized dredging or maintenance dredging of the slips, channels or canals currently being proposed for maintenance dredging;

3. Used to repair existing spoil banks;

4. Subject to the approval of the landowner, placed in enclosed marsh ponds to a height suitable for the establishment of marsh vegetation, using a bucket or hydraulic dredge;

5. Sprayed in a shallow layer over the marsh. The shallow layer shall not exceed six (6) inches during and upon completion of application;

5. Propwashed;

6. Spread in open water to a depth of no more than six (6) inches;

7. Placed in abandoned oil field canals; or

8. Subject to the approval of, or at the direction of, State and Federal resource agencies, other techniques may be used to create or otherwise benefit wetlands.

E. Locations may be accessed by pulling in a barge to displace accumulated sediment in existing channels and canals. In channels in open water, this method must not result in the creation of spoil ridges higher than six (6) inches.

F. Any canal plug removed in the performance of the work authorized under the authority of this Amended General Permit shall be restored to its pre-removal condition within one hundred and twenty (120) days of abandonment of the well site. Any canal plug removed in the performance of work under this Amended General Permit shall be restored to have, after settling and subsidence, a minimum elevation of not less than thirty (30) feet at mean water level, and side slopes of not less than three (3) to one (1). The plug may be inspected by OCM to determine if it is operating to prevent water movement within two (2) years of plug construction, or within five (5) years of the date of the issuance of written approval, whichever is longer. Should the plug not be operating in a satisfactory manner at the time of inspection, the permittee shall be required to restore the plug to proper functioning and the above minimum dimensions.

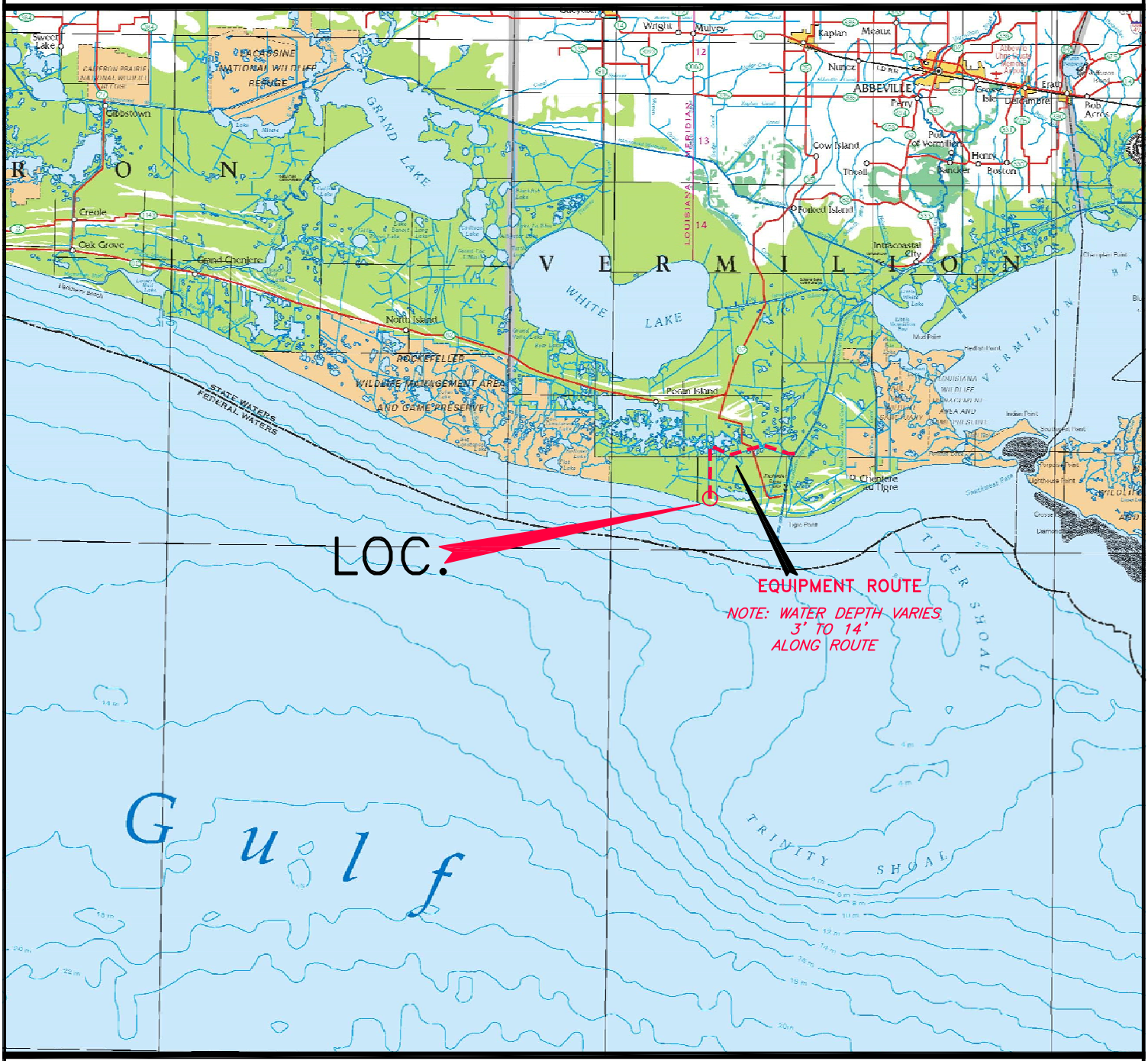
G. Long-term management and beneficial use of spoil deposition:

1. A strategic plan for the beneficial use of dredged material will be required for dredging 25,000 to 500,000 cubic yards of material, in accordance with OCM rules and regulations.

2. A long term management strategy plan will be required for any channel or canal greater than one mile in length and/or for dredging and disposal of greater than 500,000 cubic yards of material under the referenced permit in accordance with amended and reenacted RS 49:214.30.H.(1) and (2), and enacted RS 49:214.30.H.(3). The long term management strategy plan should address the current stability of the existing bankline, plans to insure the integrity of the bankline, plans for spoil placement, and future plans should dredging become necessary to re-access these sites.

PROJ. No. 2013153

APPROXIMATELY 21 MILES SOUTHWESTERLY OF INTRACOASTAL CITY, LA.



LOBO OPERATING, INC.

AFTER THE FACT PERMIT FOR EUA 13-047

TO

ACCESS AND REPAIR PIPELINE LEAK

LOCATED IN

PECAN ISLAND FIELD VERMILION PARISH, LOUISIANA

SCALE: 1" = 10 MILES DECEMBER 19, 2013

APPLICATION BY:

LOBO OPERATING, INC.
67201 INDUSTRY LANE
COVINGTON, LOUISIANA 70433
PH: (985)809-9292

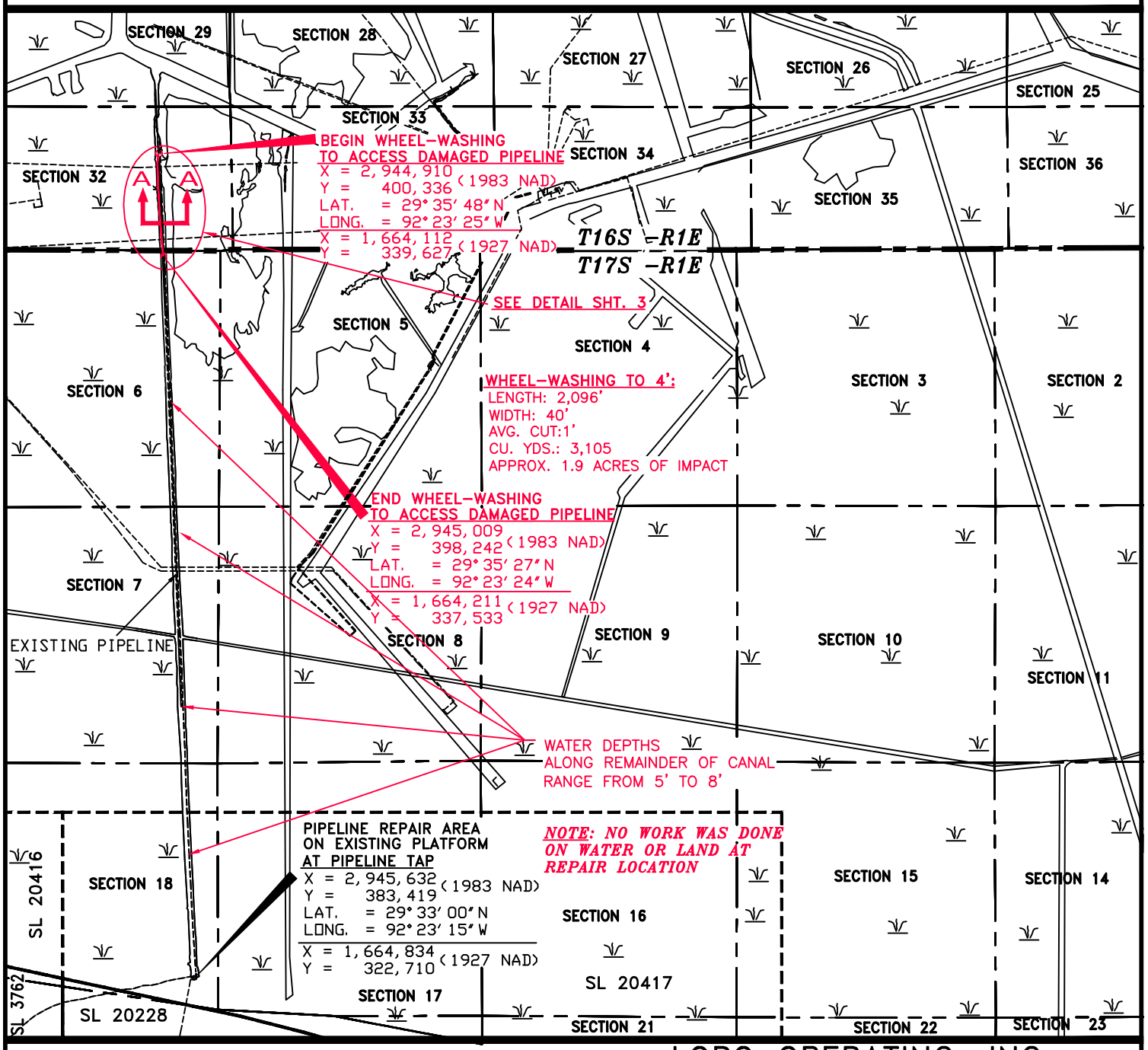
ERIC G. RYALS, INC.
P.O. BOX 1258
MANDEVILLE, LA 70470
PH: (985)626-7044

SHEET 1

PROJ. No. 2013153

3000' 0' 3000' 6000'

SCALE



NOTE: ADDITIONAL PIPELINES MAY EXIST.

ALL COORDINATES AND BEARINGS ARE GRID, AND ARE ON THE LOUISIANA LAMBERT PLANE COORDINATE SYSTEM, SOUTH ZONE, 1983 NORTH AMERICAN DATUM.

NOTE: 1927 NAD COORDINATES ALSO SHOWN.

LOBO OPERATING, INC.

AFTER THE FACT PERMIT FOR EUA 13-047

TO

ACCESS AND REPAIR PIPELINE LEAK

LOCATED IN

PECAN ISLAND FIELD
VERMILION PARISH, LOUISIANA

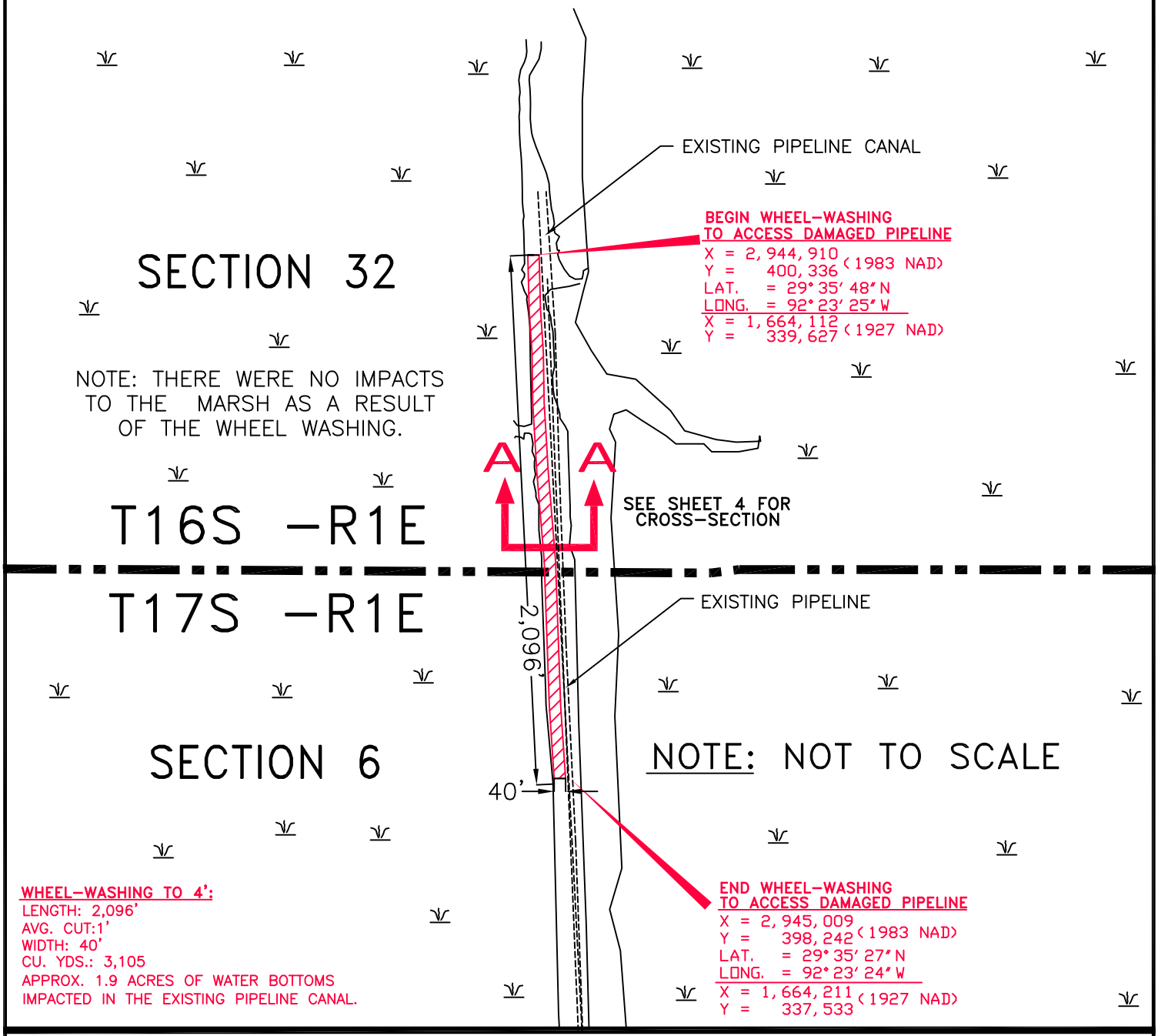
SCALE: 1" = 3,000' DECEMBER 19, 2013

APPLICATION BY:

LOBO OPERATING, INC.
67201 INDUSTRY LANE
COVINGTON, LOUISIANA 70433
PH: (985)809-9292

ERIC G. RYALS, INC.
P.O. BOX 1258
MANDEVILLE, LA 70470
PH: (985)626-7044

PROJ. No. 2013153



NOTE: ADDITIONAL PIPELINES MAY EXIST.

ALL COORDINATES AND BEARINGS ARE GRID, AND ARE ON THE LOUISIANA LAMBERT PLANE COORDINATE SYSTEM, SOUTH ZONE, 1983 NORTH AMERICAN DATUM.

NOTE: 1927 NAD COORDINATES ALSO SHOWN.

LOBO OPERATING, INC.

AFTER THE FACT PERMIT
FOR EUA 13-047
TO
ACCESS AND REPAIR
PIPELINE LEAK
LOCATED IN
PECAN ISLAND FIELD
VERMILION PARISH, LOUISIANA

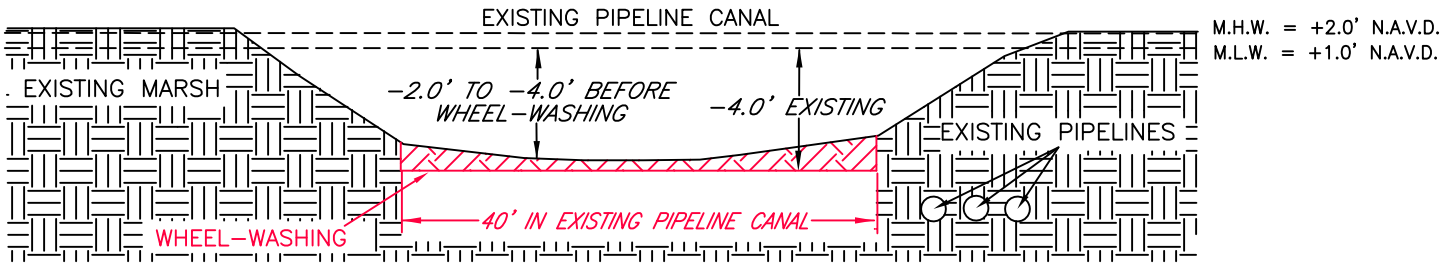
NO SCALE DECEMBER 19, 2013

APPLICATION BY:

LOBO OPERATING, INC.
67201 INDUSTRY LANE
COVINGTON, LOUISIANA 70433
PH: (985)809-9292

ERIC G. RYALS, INC.
P.O. BOX 1258
MANDEVILLE, LA 70470
PH: (985)626-7044

PROJ. No. 2013153



SECTION "A-A"
OF
WHEEL-WASHING IN EXISTING PIPELINE CANAL
NO SCALE

NOTES:

1. Approximately 3,105 cubic yards of material was displaced by wheel-washing.
2. Approximately 1.9 acres of water bottom was displaced by wheel-washing in the existing pipeline canal.
3. These plans were prepared exclusively for obtaining regulatory permits. These plans are not engineering or construction drawings and should not be used as such.
4. This is not a property boundary survey as defined by the Louisiana Professional Engineering and Land Surveying Board.

LOBO OPERATING, INC.

AFTER THE FACT PERMIT
FOR EUA 13-047
TO
ACCESS AND REPAIR
PIPELINE LEAK
LOCATED IN
PECAN ISLAND FIELD
VERMILION PARISH, LOUISIANA
NO SCALE DECEMBER 19, 2013

APPLICATION BY:

LOBO OPERATING, INC.
67201 INDUSTRY LANE
COVINGTON, LOUISIANA 70433
PH: (985)809-9292

ERIC G. RYALS, INC.
P.O. BOX 1258
MANDEVILLE, LA 70470
PH: (985)626-7044

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT
P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487

(225) 342-7591
1-800-267-4019

COASTAL USE AUTHORIZATION/CONSISTENCY DETERMINATION

C.U.P No.: **P20121401**

NAME : **VERMILION CORPORATION**
ROYAL ENGINEERS & CONSULTANTS
3909A AMBASSADOR CAFFERY PARKWAY
LAFAYETTE, LA 70503
Attn: Ralph Libersat

LOCATION: **Vermilion Parish, LA**
Intracoastal City, LA. Site 1: POB: Lat. 29º 47' 21.667"N, Long. 92º 15' 24.356"W; POE: Lat. 29º 47' 34.6872"N, Long. 92º 14' 52.937"W; Site 2 (B-B1) POB: Lat. 29º 33' 1.7804"N, Long. 92º 20' 32.4348"W; POE: Lat. 29º 33' 0.7755"N, Long. 92º 20' 27.7467"W; (C-C1) POB: Lat. 29º 33' 0.8648"N, Long. 92º 20' 26.8174"W; POE: Lat. 29º 33' 3.8034"N, Long. 92º 20' 23.1772"W; (D-D1) POB: Lat. 29º 33' 3.6687"N, Long. 92º 20' 21.1085"W; POE: Lat. 29º 33' 3.3027"N, Long. 92º 20' 19.2481"W; (E-E1) POB: Lat. 29º 33' 2.853"N, Long. 92º 20' 16.5065"W; POE: Lat. 29º 33' 3.3187"N, Long. 92º 20' 13.385"W.

DESCRIPTION: Proposed cleaning of debris deposited by past hurricanes out of existing trenasses at two sites (Site 1 A-A1: 3,171' and Site 2-B-B1: 426', C-C1: 438', D-D1:170' & E-E1: 280'). These trenasses will be cleaned to maximum depth of 3' and a maximum top width of 6'. Approximately 1,324 cubic yards of material will be displaced. The material will be deposited on alternate sides of trenasses, with maximum length of any single spoil bank not exceeding 500'.

Pursuant to the Louisiana Administrative Code, Title 43, §723.E, you are hereby notified that the referenced activity is authorized by Coastal Use Permit(s) GP - 23. As stated in condition 12.I.D. of GP - 23, Office of Coastal Management may issue approval under the authority of this General Permit with additional Operating Conditions. This authorization is valid, therefore, only if the permittee adheres to the following condition(s):

a. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

b. The requirement for compensatory mitigation for impacts to marsh habitat resulting from the referenced project will be determined after one full growing season (March 1 to November 1) following the completion of the permitted activities. This assessment shall include both primary impacts and secondary impacts which may result from the permitted activities.

Permittee shall provide on-ground pre- and post-construction scaled photographic documentation at a scale that clearly shows the entire permitted work area. The pre- and post-construction photos should be at the same scale. The post-construction documentation shall be acquired (photos actually taken) and

submitted within 60 days of the end of the first full growing season following completion of the project. Permittee shall notify OCM of the date of completion of permitted activities within 5 working days of completion.

If OCM determines that compensatory mitigation is required, permittee shall submit a compensatory mitigation plan for approval within 30 days of notification of the compensatory mitigation requirements by OCM. All necessary approvals shall be obtained for the compensatory mitigation plan and the plan shall be implemented as directed by OCM. Permittee should be aware that compensatory mitigation projects may be required to be maintained for as many as 20 years for marsh mitigation projects and 50 years for forested wetland mitigation projects. A processing fee will be assessed for the determination of compensatory mitigation requirements and evaluation of the proposed compensatory mitigation plan in accordance with LAC Title 43, Part I, Chapter 7, §724.D. This fee shall apply regardless of which compensatory mitigation option is selected and does not include the cost incurred to implement the required compensatory mitigation.

c. Marsh buggy usage shall remain within the 8' wide access routes as depicted on the plats and be limited to one pass ingress and one pass egress not to fall in the same tract.

This determination is valid for two (2) years from the date of this letter. If the proposed activity is not initiated within this two year period, this determination will expire. The applicant will notify the Office of Coastal Management of the date on which initiation of the proposed activity began by entering a commencement date through the online system, or by mailing said information to OCM. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

This determination has been made based on the information provided in your application showing that either no dredging or limited dredging would be necessary to access to the work site. Dredging beyond that described in your application, including prop washing, wheel washing, or otherwise displacing water bottom material is not authorized by this determination. If site conditions are such that dredging beyond that authorized is necessary, a revised determination including agency or public notice if applicable, will be required.

This determination has been made on the basis of information provided by your application. If it is later established that you furnished erroneous data, you may be directed to alter or modify your plans, to remove structures you have installed, and/or to restore the work area to pre-project conditions at your own expense. If it is established that you knowingly furnished erroneous data, you could also be subject to legal action.

Permittee shall, prior to commencement of the herein permitted activities, contact Rhonda Braud (phone: 225-342-4553, email: rhonda.braud@la.gov) to determine if a construction permit will be required from the local levee district. This determination does not eliminate the need to obtain a permit from the United States Army, Corps of Engineers or any other Federal, state or local approval that may be required by law. The drawings submitted with your referenced application are attached hereto and made a part of the record. If you have any questions regarding this authorization, please contact our office (225) 342-7591 or (800) 267-4019.

******* End of Determination *******

By accepting this determination the applicant agrees to its terms and conditions.

I affix my signature and issue this determination this 13th day of November, 2012.

DEPARTMENT OF NATURAL RESOURCES

Karl L Morgan

Karl L. Morgan, Administrator
Office of Coastal Management

This agreement becomes binding when signed by the Administrator of
the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

Attachments

Final Plats:

1) P20121401 Final Plats 10/30/2012

cc: Pete Serio, COE w/attachments
Dave Butler, LDWF w/attachments
Stephen Broussard, LED w/attachments
Jessica Diez, OCM w/attachments
Charlie Mestayer, OCM/FI w/attachments

VERMILION CORPORATION w/attachments

GP-23 Conditions

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permitted agrees to:

1. Carry out, perform, operate and maintain the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources. Please be advised that a separate coastal use permit may be required for maintenance activities.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter, or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The permittee will notify the Office of Coastal Management (OCM) of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The permittee shall notify the OCM by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

I. General Conditions

A. The Secretary of DNR has determined that full individual permit processing by OCM is in the public interest in order to determine whether proposed activities qualify for authorization under the authority of this General Permit. This full individual permit processing will consist of review by the staff of OCM of each authorization request. Therefore, pursuant to the Rules and Procedures for Coastal Use Permits, Title 43, Subpart 723.C.3.a, of the Louisiana Code of Administrative Procedure, an application fee will be assessed for activities proposed for authorization under the authority of this General Permit. If appropriate, permit processing fees and appropriate mitigation plan processing fees also will be assessed.

B. A standard Joint Application Form shall be completed and submitted to OCM along with drawings depicting the location and character of work proposed for approval under the authority of this General Permit. The applicant shall submit a complete application packet (forms and plats) to OCM. The application shall be accompanied by the application fee in effect at the time of application submittal. This General Permit shall not apply if the proposed work is determined not to meet the criteria. The applicant shall be advised within five (5) calendar days of receipt of the complete application that the application shall be processed as an individual CUP if the determination is made that the proposed activity is not consistent with this General Permit.

C. Individual written approvals from OCM must be obtained prior to the commencement of any individual activity proposed under the authority of this General Permit.

D. Should OCM deem that they may have an interest in the project, prior to issuance of authorization for an individual activity under the authority of this General Permit, the following agencies shall have a five (5) calendar day period to review the proposed activity: the Louisiana Departments of Wildlife and Fisheries; Health and Hospitals; Environmental Quality; Office of Coastal Protection and Restoration; Culture Recreation, and Tourism; Transportation and Development; State Land Office; and the approved Parish Local Program, if applicable. OCM may issue authorization for the proposed activity after the designated review period or after receiving notification by each of the agencies, either in writing or by telephone, that there are no objections to the proposed activity. However, the final decision for the issuance of authorization for individual activities under the authority of this General Permit, to issue approval with modifications or additional Operating Conditions, or to deny approval for the proposed work, shall be made by the Secretary of DNR, or his designee.

E. Should it be deemed in the public interest, the Secretary shall deny authorization to perform work under the authority of this General Permit and require the applicant to obtain an individual CUP for the proposed activity.

F. Unless otherwise specified in the General Permit or specific work approval, authorization for work under the authority of this General Permit shall expire if the work is not initiated and completed within two (2) years from the date of issuance of the original written individual approval. Initiation of the Coastal Use, for purposes of this General Permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. All activities authorized under the authority of this General Permit must be completed within 90 days of initiation of the work, with a one-time mobilization, unless a different time schedule is specifically approved by OCM.

G. The term to initiate and complete an individual authorization issued under the authority of this General Permit

may be extended for up to an additional two (2) years beyond the initial two (2) year term. Extension requests shall be in the form of a written letter which shall refer to the original coastal use permit application number and specifically state that a permit extension is desired. Submission of extension requests via the online application system also is acceptable. A nonrefundable extension request fee in the amount of $80 shall be included with such a request, and the request must be received by the Permits, Mitigation and Support Division no sooner than 180 days and no later than 60 days prior to the expiration of the individual authorization in question. Requests received later than 60 days prior to the expiration date of the permit shall be eligible for consideration for extension, however a permittee who fails to make a timely request for an extension shall not engage in any activity requiring a coastal use permit past the original permit expiration date until an extension of the lapsed permit or a new permit is granted.

H. The Term of this General Permit shall be five (5) years from the date of issuance, except as provided for in LAC 43 Subpart 723.E.3.b.

I. The permittee shall notify OCM of commencement of activities which are authorized under the authority of this General Permit. The permittee shall notify OCM by either providing the information in writing or entering the information through the online system, within three (3) days of the date of initiation of the authorized work.

J. Issuance of approval under the authority of this General Permit does not relieve the permittee of obtaining other lawfully required permits (local, state, or federal) before commencing work.

K. The permittee shall allow representatives of OCM or authorized agents to make periodic, unannounced inspections to assure the activity is being performed in accordance with the conditions of the permit.

L. Work carried out under the authority of this General Permit shall conform to all appropriate state and federal safety regulations.

M. An authorization issued under the authority of this General Permit may not be transferred to another party without giving prior notice to, and receiving written approval from, the OCM Administrator. A transfer form can be downloaded at http://dnr.louisiana.gov/assets/docs/coastal/cup/transfer.pdf, or can be provided upon request.

N. Work carried out under the authority of this General Permit shall be performed in full compliance with the rules and regulations of DNR which exist at the time of approval for that work.

O. Permittee shall provide legal representation and indemnification to State agencies for any and all lawsuits and/or claims whether they be legal or otherwise that may be filed or made against State agencies as a result of the activities by Permittee.

II. Operating Conditions

A. All logs and stumps unearthed during dredging shall be buried a minimum of 3¿ beneath the bottom of the waterway. (Please note that a separate permit may be required for burial activities.)

B. Spoil shall not be placed in or block any tidal sloughs.

C. This General Permit does not convey any property rights, mineral rights, or exclusive privileges, nor does it authorize injury to property.

D. If archaeological, historical or other cultural resources are encountered during activities authorized under the authority of this General Permit, work shall cease and the permittee shall immediately notify the Division of Archaeology, Louisiana Department of Culture, Recreation, and Tourism (CRT) (P. O. Box 44247, Baton Rouge, LA 70804) and OCM (P. O. Box 44487, Baton Rouge, LA 70804-4487, (225) 342-7591). Work may not resume until written approval is obtained from CRT.

E. The permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall not be discharged into any of the streams or adjacent waters of the area without authorization from DHH and/or LDEQ or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code and LDEQ regulations. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals (DHH) for purpose of review and approval prior to any utilization of such provisions.

F. The permittee shall comply with all applicable laws regarding the need to contact the Louisiana One Call System (811) or online at http://www.laonecall.com/how_to_use_us.htm to locate any buried cables and pipelines.

G. The permittee is subject to all laws related to damages which are demonstrated to have been caused by the permitted activities.

H. All activities involving any discharge of pollutants must be consistent with applicable water quality standards and any necessary permits issued through the Department of Environmental Quality/Office of Water Resources must be obtained.

I. Dredging and/or filling activities authorized under the authority of this General Permit shall not exceed the volume specified in the project description of the individual authorization.

J. When adverse impacts to vegetated wetlands may result from the proposed activity, and/or when otherwise determined necessary by OCM, the applicant and OCM shall negotiate, in consultation with the owner(s) of land on which the permitted activity is proposed to occur, and those other natural resource agencies deemed appropriate by OCM, a compensatory mitigation plan, and the applicant shall implement that plan. That plan shall fulfill the requirements of Louisiana Revised Statute 49:214.41 and those rules and regulations adopted thereunder. Unless otherwise stated the expiration of the term of this General Permit, or the revocation or expiration of approval to perform work under the authority of this General Permit, shall not absolve the permittee, its transferees, or assignees from the obligation and responsibility of implementing and maintaining the compensatory mitigation plan.

K. If applicable, the requirement for compensatory mitigation for impacts to wetlands resulting from the referenced project may be determined after one full growing season (March 1 to November 1) following the completion of the permitted activities. This assessment shall include both primary impacts and secondary impacts which may result from the permitted activities.

If OCM determines that compensatory mitigation is required, permittee shall submit a compensatory mitigation plan for approval within 30 days of notification of the compensatory mitigation requirements by OCM. All necessary approvals shall be obtained for the compensatory mitigation plan and the plan shall be implemented as directed by OCM. Permittee should be aware that compensatory mitigation projects may be required to be maintained for as many as 20 years for marsh mitigation projects and 50 years for forested

wetland mitigation projects. A processing fee will be assessed for the determination of compensatory mitigation requirements and evaluation of the proposed compensatory mitigation plan in accordance with LAC Title 43, Part I, Chapter 7, §724.D. This fee shall apply regardless of which compensatory mitigation option is selected and does not include the cost incurred to implement the required compensatory mitigation.

L. Individual activities authorized under the authority of this General Permit and occurring on LDWF identified Public Oyster Seed Grounds or Reservations shall be conditioned as agreed upon per the Memorandum of Understanding between the LDNR and LDWF, and all subsequent amendments to said document. This document can be found at http://dnr.louisiana.gov/index.cfm?md=pagebuilder&tmp=home&pid=96.

M. Individual activities authorized under the authority of this General Permit shall be carried out on a one-time basis, during a one-time mobilization, except in situations where sequential phases (e.g., use of different types of dredging techniques, or phased construction) may be specified in the work statement of the individual authorization. Additional authorizations may be necessary for maintenance activities or work beyond the scope of the authorized activities.

N. If the project authorized under the authority of this General Permit is located on the aboriginal homelands of the Chitimacha Tribe of Louisiana and/or at any time during the course of work any traditional cultural properties are discovered, the permittee shall immediately contact the Chitimacha Tribe of Louisiana, P.O. Box 661, Charenton, LA 70523 - phone (337) 923-7215.

III. This General Permit does not apply in the following locations without prior written authorization from the appropriate agencies:

A. Work under the authority of this General Permit shall not be approved in the following areas, unless the applicant first provides a letter of no objection from the Louisiana Department of Wildlife and Fisheries:

1. Within the boundary of a currently productive oyster seed ground, oyster seed reservation or public oyster harvesting area; or

2. Within the boundaries of a LDWF owned or managed Wildlife Management Area or Wildlife Refuge.

3. Within 1,000 feet, or other distance deemed appropriate by LDWF, of a known bald eagle nest.

4. Within 1,500 feet, or other distance deemed appropriate by LDWF, of a known bird rookery area.

5. Within the officially designated critical habitat of a threatened or endangered species.

B. Work under the authority of this General Permit shall not be approved in the following areas, unless the applicant first provides a letter of no objection from the Louisiana Department of Culture, Recreation, and Tourism:

1. Within a State Park, State Recreation Area or State Commemorative Area; or

2. Within any known historic or archaeological site or within the boundaries of an historical district.

C. Within 1,000 feet of an established navigation channel or fairway constructed, owned, operated, or maintained by federal, state, or local governments, or with federal, state, or local government funds, without written consent of each appropriate agency or governing body. An authorization request that is not accompanied by such written permission shall be processed as an application for an individual CUP. If however, there is a

physical barrier at the project site that isolates the Coastal Use from the navigation channel or fairway and effectively prevents any interchange between the two, this restriction does not apply.

D. Within 1,500 feet of the Mississippi River or Atchafalaya River levees or within 300 feet of all other levees or other flood control structures which are owned, operated or maintained by the federal government, or with federal funds, without the written consent of each appropriate agency or governing body.

E. Within 1,000 feet of levees or other flood control facilities constructed, owned, operated or maintained by state or local governments, or with state or local government funds, without the written consent of each appropriate agency or governing body.

F. Within 1,500 feet of a barrier island, barrier island feature, chenier or other coastal feature without the approval of the appropriate resource agencies that OCM determines to have programmatic interests.

IV. This General Permit does NOT apply in the following situations:

A. Within 1,000 feet of an area determined to be a unique ecological feature by the Secretary of DNR.

B. Within Special Significance Areas designated pursuant to R.S. 49:214.41(F) and those rules and regulations adopted thereunder, where applicable.

C. Within the boundaries of a national park or monument, national wildlife refuge or established buffer zone for any such national site.

V. Special Conditions

A. Work may be performed within existing trenasses subject to the following:

1. Maximum top width of trenasses shall be six feet.

2. Maximum depth to which trenasses may be excavated is three feet.

B. Material excavated from the trenasses must be deposited so as not to impede normal water interchange in the area.

1. No material may be deposited into any watercourse crossed by trenasses.

2. Material shall be deposited on alternate sides of trenasses, with the maximum length of any single spoil bank not exceeding 500 feet.

3. Use of machines to maintain trenasses whereby the dredged material is widely scattered and not deposited in piles is acceptable.

C. Trenasses may not be extended to connect with bayous, canals, lakes, lagoons, ponds, or other open water bodies. A plug, natural, or manmade barrier with a minimum width of 100 feet shall be maintained to separate the trenasse from the other water body.

D. Construction of new trenasses is not authorized by this General Permit.

E. The permittee shall provide OCM with the following information for each individual maintenance operation

proposed for authorization under the authority of this General Permit:

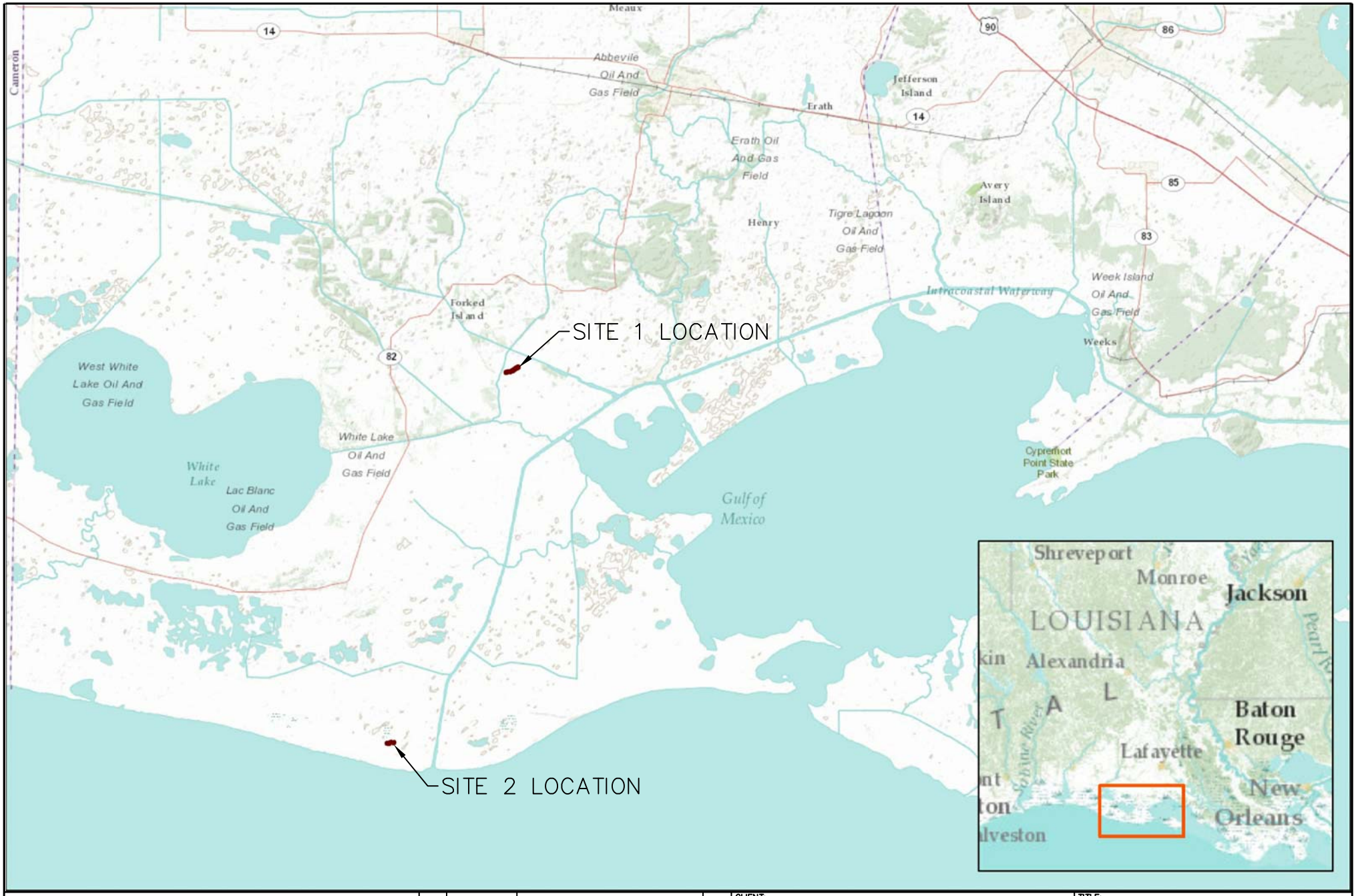
1. Specific dredging locations, dimensions and anticipated date of proposed maintenance:

2. Proposed dredging method;

3. Anticipated volume of dredged material; and

4. Specific spoil disposal techniques and locations relative to existing uplands, wetland and open water areas.

F. If the dredged material is spread so that it is stacked more than six (6) inches in height upon application, an evaluation of adverse impacts to vegetated wetlands will be made by OCM after one complete growing season to determine the need for compensatory mitigation for the impacts. Should OCM determine that mitigation is required, the permittee shall, within 60 days after being so notified, submit a mitigation plan for the adverse impacts that meets OCM¿s approval. The permittee shall initiate the mitigation plan at the appropriate time, if it has been determined that timing is necessary, or within 60 days of being advised that the mitigation plan is acceptable otherwise.



N

0 30,000' 60,000'

REV.	DATE	DESCRIPTION	BY

CLIENT:

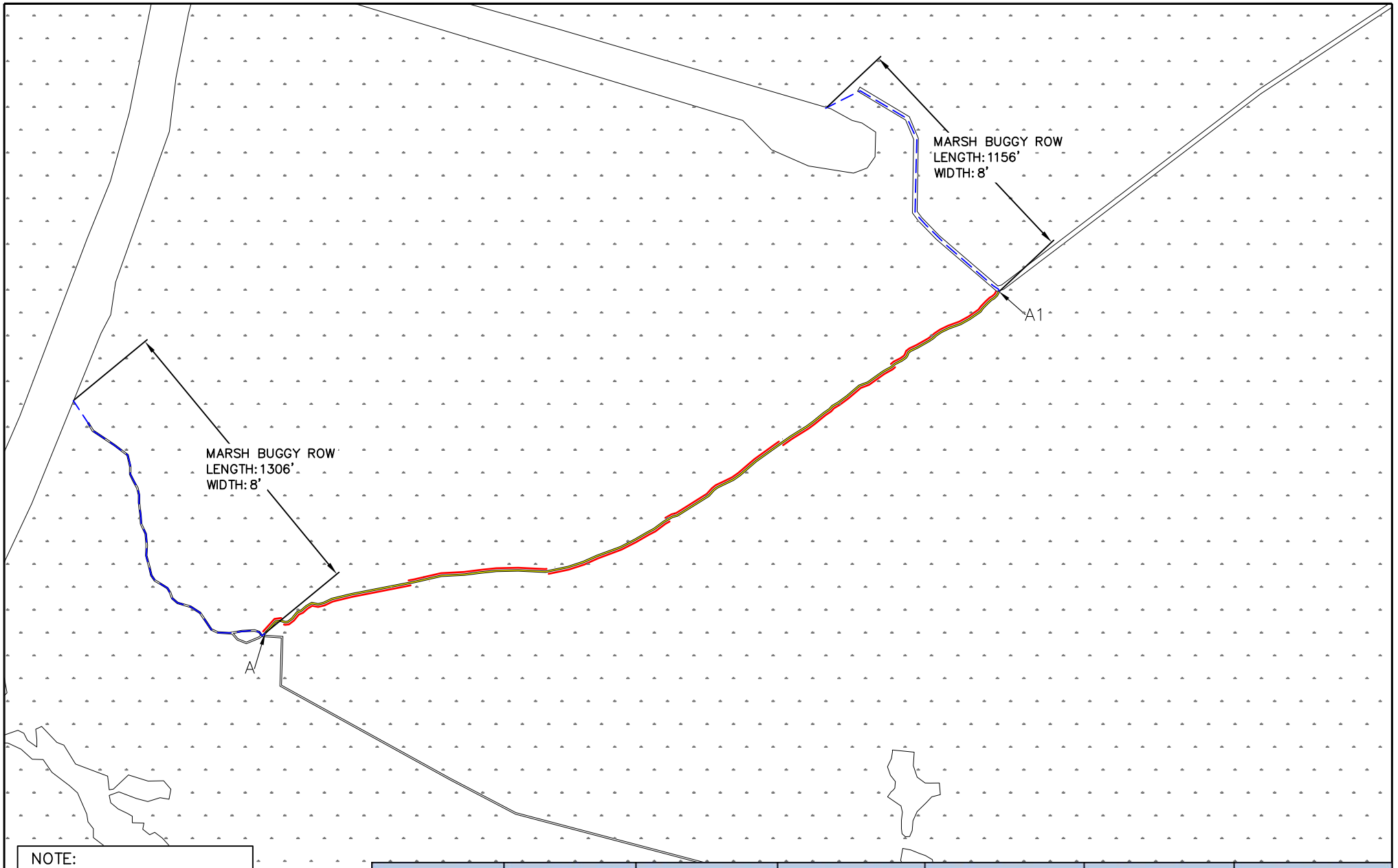
VERMILLION CORPORATION

TITLE:

VICINITY MAP

PROJ. NAME:	TRENASS MAINTENANCE		
DES:	SCALE:AS SHOWN		
DR:	JOB No.	SHEET NO.	REV.
CH:		1 OF 5	
APP:	DATE:		

FILE:



NOTE:
MARSH BUGGY ROW IS IN EXISTING WATERWAY

Trenasse	Length (In. ft.)	Spoil (cb. yds.)	Begin Lat	Begin Long	End Lat	End Long
A-A1	3171	936	29°47'21.667"N	92°15'24.356"W	29°47'34.6872"N	92°14'52.937"W

EXISTING TRENASSE
PROPOSED SPOIL PLACEMENT
MARSH BUGGY ROW ROUTE

N

0 500' 1000'

REV.	DATE	DESCRIPTION	BY

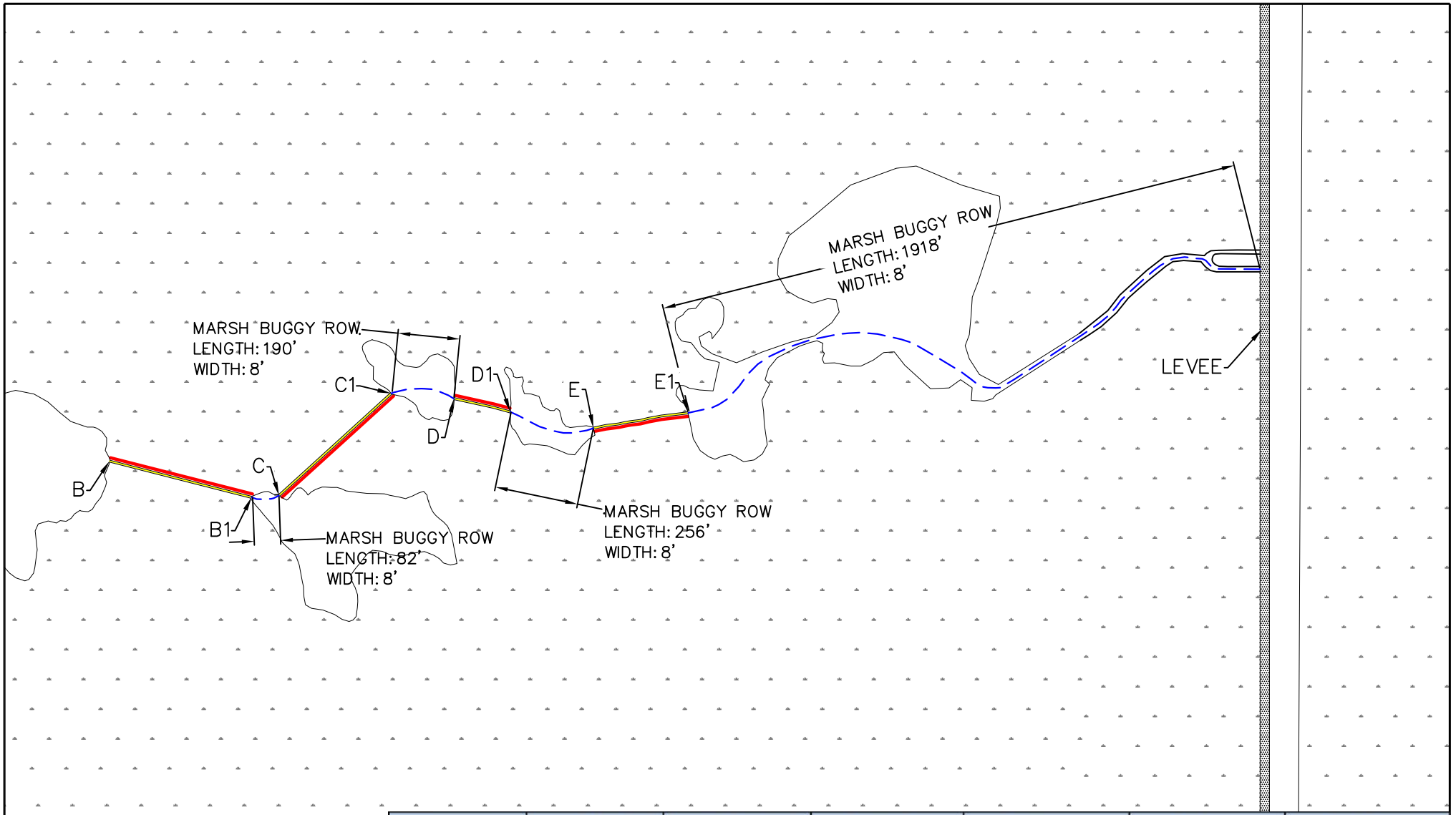
CLIENT:

VERMILLION CORPORATION

TITLE:
PLAN VIEW
SITE 1

PROJ. NAME:	TRENASS MAINTENANCE		
DES:	SCALE:AS SHOWN		
DR:	JOB No.	SHEET NO.	REV.
CH:		2 of 5	
APP:	DATE:		

FILE:



Trenasse	Length (In. ft.)	Spoil (cb. yds.)	Begin Lat	Begin Long	End Lat	End Long
B-B1	426	126	29°33'1.7804"N	92°20'32.4348"W	29°33'0.7755"N	92°20'27.7467"W
C-C1	438	129	29°33'0.8648"N	92°20'26.8174"W	29°33'3.8034"N	92°20'23.1772"W
D-D1	170	50	29°33'3.6687"N	92°20'21.1085"W	29°33'3.3027"N	92°20'19.2481"W
E-E1	280	83	29°33'2.853"N	92°20'16.5065"W	29°33'3.3187"N	92°20'13.385"W

NOTE:
MARSH BUGGY ROW IS IN EXISTING WATERWAY

EXISTING TRENASSE
PROPOSED SPOIL PLACEMENT
MARSH BUGGY ROW ROUTE

N

0 400' 800'

REV.	DATE	DESCRIPTION	BY

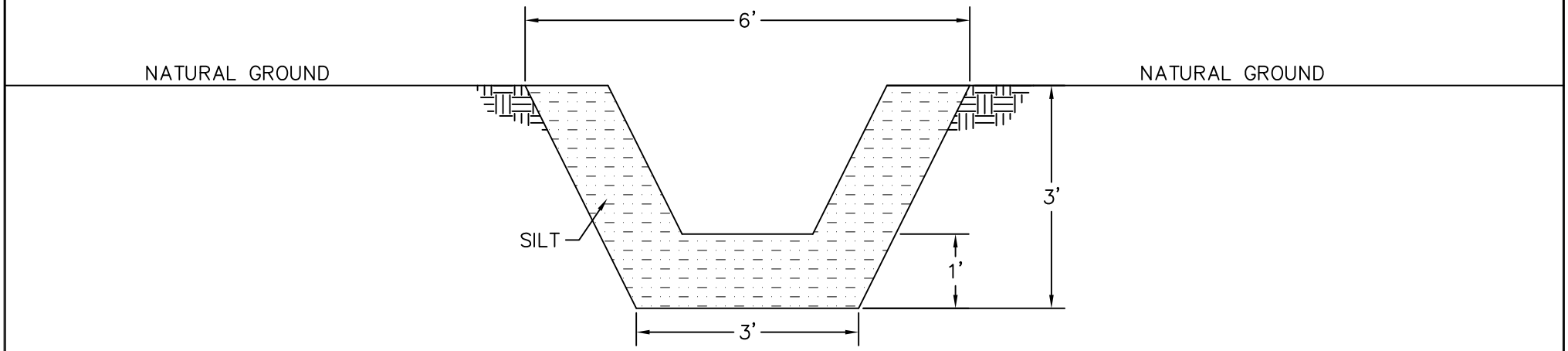
CLIENT:

VERMILLION CORPORATION

TITLE:
PLAN VIEW
SITE 2

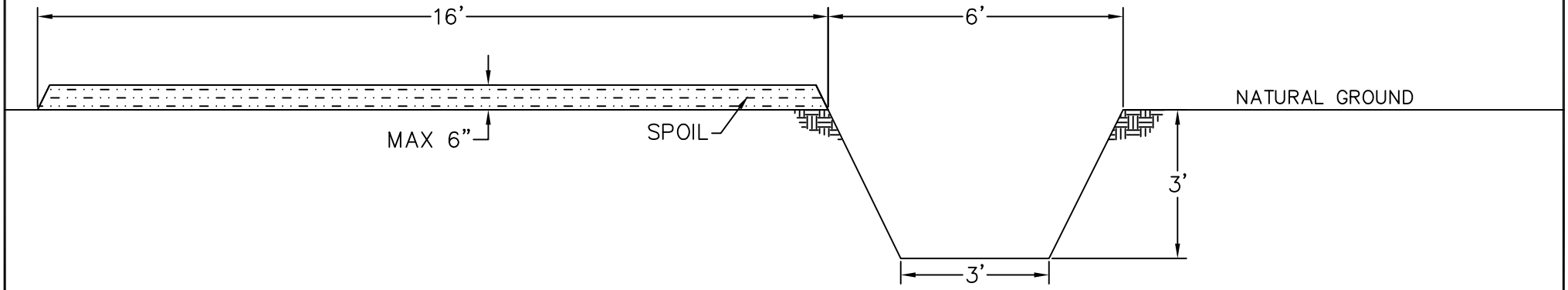
PROJ. NAME: TRENASS MAINTENANCE
DES:
DR:
CH:
APP:
SCALE:AS SHOWN
JOB No.
DATE:
SHEET NO. 3 of 5
REV.

FILE:



TYPICAL CROSS SECTION

SCALE: 1" = 2'



PROPSED CROSS SECTION

SCALE: 1" = 3'

REV.	DATE	DESCRIPTION	BY

CLIENT:

VERMILLION CORPORATION

TITLE:

TYPICAL CROSS SECTIONS

PROJ. NAME:	TRENASS MAINTENANCE		
DES:	SCALE:AS SHOWN		
DR:	JOB No.	SHEET NO.	REV.
CH:		4 of 5	
APP:	DATE:		

FILE:

GENERAL NOTES:

1. MAXIMUM TOP WIDTH OF TRENASSE SHALL BE 6 FEET. MAXIMUM DEPTH TO WHICH TRENASSE WILL BE EXCAVATED SHALL BE 3 FEET.

2. NO MATERIAL WILL BE DEPOSITED INTO ANY WATERCOURSE CROSSED BY TRENASSES. MATERIAL SHALL BE DEPOSITED ON ALTERNATE SIDES OF TRENASSES, WITH MAXIMUM LENGTH OF ANY SINGLE SPOIL BANK NOT EXCEEDING 500 FEET.

3. THE PERMITTEE WILL COMPLY WITH ALL APPLICABLE LAWS REGARDING THE NEED TO CONTACT THE LOUISIANA ONE CALL SYSTEM (811) OR OLINE AT http://www.laonecall.com/how_to_use_us.htm TO LOCATED ANY BURIED CABLES AND PIPELINES.

4. IF ARCHAELOGICAL, HISTORICAL OR OTHER CULTURAL RESOURCES ARE ENCOUNTERED DuRING ACTIVITIES AUTHORIZED UNDER THE AUTHORITY OF THIS GENERAL PERMIT, WORK SHALL CEASE AND THE PERMITTEE SHALL IMMEDIATELY NOTIFY THE DIVISION OF ARCHAEOLOGY, LOUISIANA DEPARTMENT OF CULTURE, RECREATION, & TOURISM (CRT), AND OCM. WORK WILL NOT RESUME UNTIL WRITTEN APPROVAL IS OBTAINED FROM CRT.

5. ALL LOGS AND STUMPS UNEARTHED DURING DREDGING SHALL BE BURIED A MINIMUM OF 3 FEET BENEATH THE BOTTOM OF THE WATERWAY.

6. SPOIL SHALL NOT BE PLACED IN OR BLOCK ANY TIDAL SLOUGHS.

REV.	DATE	DESCRIPTION	BY

CLIENT:

VERMILLION CORPORATION

TITLE:

GENERAL NOTES

PROJ. NAME:	TRENASS MAINTENANCE		
DES:	SCALE:AS SHOWN		
DR:	JOB No.	SHEET NO.	REV.
CH:	DATE:	5 of 5	
APP:			

FILE:

DEPARTMENT OF NATURAL RESOURCES
COASTAL MANAGEMENT DIVISION

P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: **P20070855**

C.O.E. No.: **MVN- 2007- 3104- WGG**

NAME: **E.A. MCILHENNY COMPANY**
c/o MOERTLE, RANDY
1008 MAR DR
LOCKPORT, LA 70374
Attn: Randy Moertle

LOCATION: **Iberia Parish, LA**
Lat 29º 52' 30.39"N / Long -91º 51' 41.10"W; Section 49 T13S R6E.

DESCRIPTION: E.A. McIlhenny Company has an ongoing water and marsh management program for it's properties south and southeast of Avery Island, LA. In 2005, Hurricane Rita brought storm surge waters in excess of +10 ft NGVD through the project area. As the flood waters subsided, a plug on the north bank of the Trunkline Pipeline Company canal was breached and has eroded away. The repair of this plug is necessary to prevent saline waters that enter the Commercial Canal from Vermilion Bay from entering the fresh to intermediate marshes east and south of project area through the Trunkline Pipeline Canal. Approximately 722 cu. yds. of water bottom material will be excavated to be used for plug construction.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, and/or operate the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter, or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Coastal Management Division of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Coastal Management Division by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two years from the date of the signature of the Secretary or his designee. If the coastal use is not initiated within this two year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

    a. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

    b. All logs, stumps and other debris unearthed during dredging shall be buried a minimum of one (1) foot beneath the

bottom of the waterway or removed to an approved disposal site on land.

c. That permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary treatment (30 mg/l BOD5) with disinfection prior to discharge into any of the streams or adjacent waters of the area or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.

d. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

e. As-built drawings shall be submitted within 30 days of completion of this project to the Louisiana Department of Natural Resources, Coastal Management Division, PO Box 44487, Baton Rouge, LA 70804-4487.

f. The following conditions have been added at the request of the Louisiana Department of Wildlife and Fisheries:

Please note that the Louisiana black bear (Ursus americanus luteolus) may occur in your general project area and is provided a threatened status on both federal and state species lists. The Louisiana black bear utilizes a variety of habitat types, including forested wetlands, marsh, spoil banks, and upland forests. We strongly urge workers and contractors to avoid bears, particularly if work is to be conducted during the non-denning season (April through December). Employees should be cautioned to not leave food or garbage in the field, as bears can become attracted and accustomed to human food easily. In addition, we recommend the use of bear proof garbage containers on site.

Our database indicates the presence of bird nesting colonies within one mile of this proposed project. Please be aware that entry into or disturbance of active breeding colonies is prohibited by the Louisiana Department of Wildlife and Fisheries (LDWF). In addition, LDWF prohibits work within a certain radius of an active nesting colony.

Nesting colonies can move from year to year and no current information is available on the status of these colonies. If work for the proposed project will commence during the nesting season, conduct a field visit to the worksite to look for evidence of nesting colonies. This field visit should take place no more than two weeks before the project begins. If no nesting colonies are found within 400 meters (700 meters for brown pelicans) of the proposed project, no further consultation with LDWF will be necessary. If active nesting colonies are found within the previously stated distances of the proposed project, further consultation with LDWF will be required. In addition, colonies should be surveyed by a qualified biologist to document species present and the extent of colonies. Provide LDWF with a survey report which is to include the following information:

qualifications of survey personnel;
survey methodology including dates, site characteristics, and size of survey area;
species of birds present, activity, estimates of number of nests present, and general vegetation type including digital photographs representing the site; and
topographic maps and ArcView shapefiles projected in UTM NAD83 Zone 15 to illustrate the location and extent of the colony.

Please mail survey reports on CD to: Louisiana Natural Heritage Program
La. Dept. of Wildlife & Fisheries
P.O. Box 98000

Baton Rouge, LA 70898-9000

To minimize disturbance to colonial nesting birds, the following restrictions on activity should be observed:

- For colonies containing nesting wading birds (i.e., herons, egrets, night-herons, ibis, roseate spoonbills, anhingas, and/or cormorants), all project activity occurring within 300 meters of an active nesting colony should be restricted to the non-nesting period (i.e., September 1 through February 15).

- For colonies containing nesting gulls, terns, and/or black skimmers, all project activity occurring within 400 meters (700 meters for brown pelicans) of an active nesting colony should be restricted to the non-nesting period (i.e., September 16 through April 1).

The Louisiana Natural Heritage Program (LNHP) has compiled data on rare, endangered, or otherwise significant plant and animal species, plant communities, and other natural features throughout the State of Louisiana. LNHP reports summarize the existing information known at the time of the request regarding the location in question. LNHP 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 LNHP tracked species are encountered within the project area, please contact our biologist at 225-765-2643.

g. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.

h. Permittee shall allow representatives of the Coastal Management Division or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.

i. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.

j. This permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D.). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

The expiration date of this permit is five (5) years from the date of the signature of the Secretary or his designee.

Upon expiration of this permit, a new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

********** End of Conditions **********

By accepting this permit the applicant agrees to its terms and conditions.

I affix my signature and issue this permit this 6th day of November,2007

THE DEPARTMENT OF NATURAL RESOURCES

Karl L Morgan

Jim Rives
Coastal Management Division

This agreement becomes binding when signed by Administrator of
the Coastal Management Division, Department of Natural Resources.

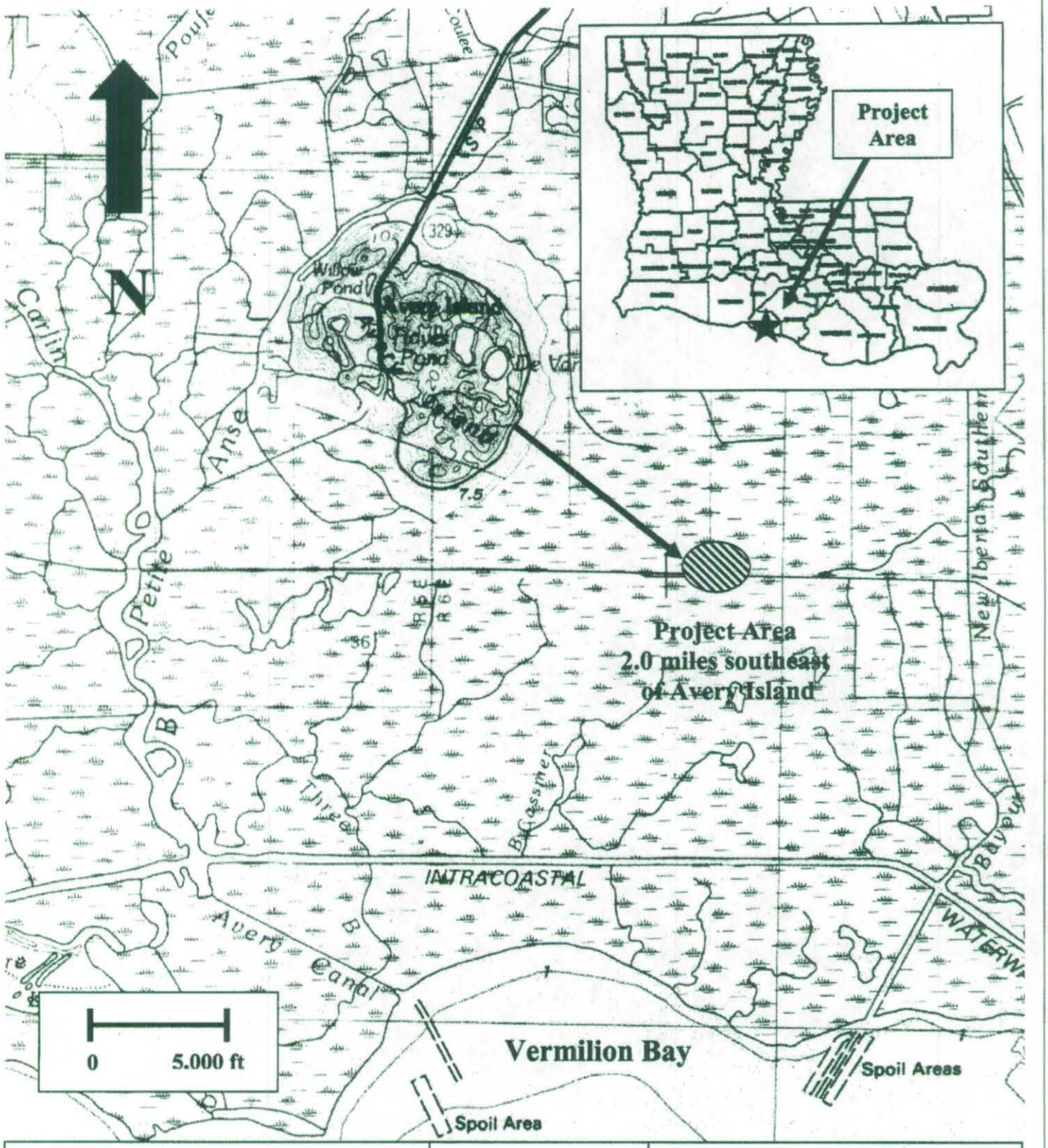
Attachments

Final Plats:

1) P20070855 Final Plats 09/12/2007

cc: Pete Serio, COE w/attachments
Venise Ortego, LDWF w/attachments
Karl Morgan, CMD/SS w/attachments
Charlie Mestayer, CMD/FI w/plats

E.A. MCILHENNY COMPANY w/attachments



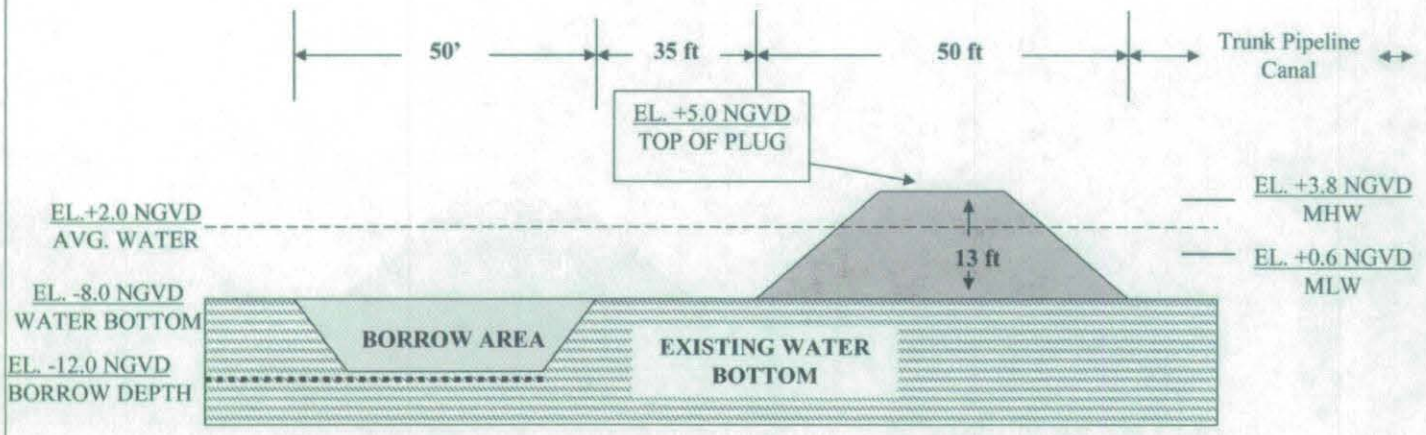
Trunk Pipeline Plug Refurbishment
2.0 miles southeast of Avery Island
Iberia Parish, Louisiana
Date: 6/15/07

Randy Moertle and Associates, Inc.
1008 Mar Dr., Lockport, LA 70374
(985) 532-6388

Vicinity Map

Source: U.S. Geological Survey
Derouen Quadrangle
15 Minute Series

Location: T13S-R6E, Sec. 49



NOTE: ± 722 cy of dredge material from private canal water bottoms needed to refurbish existing plug

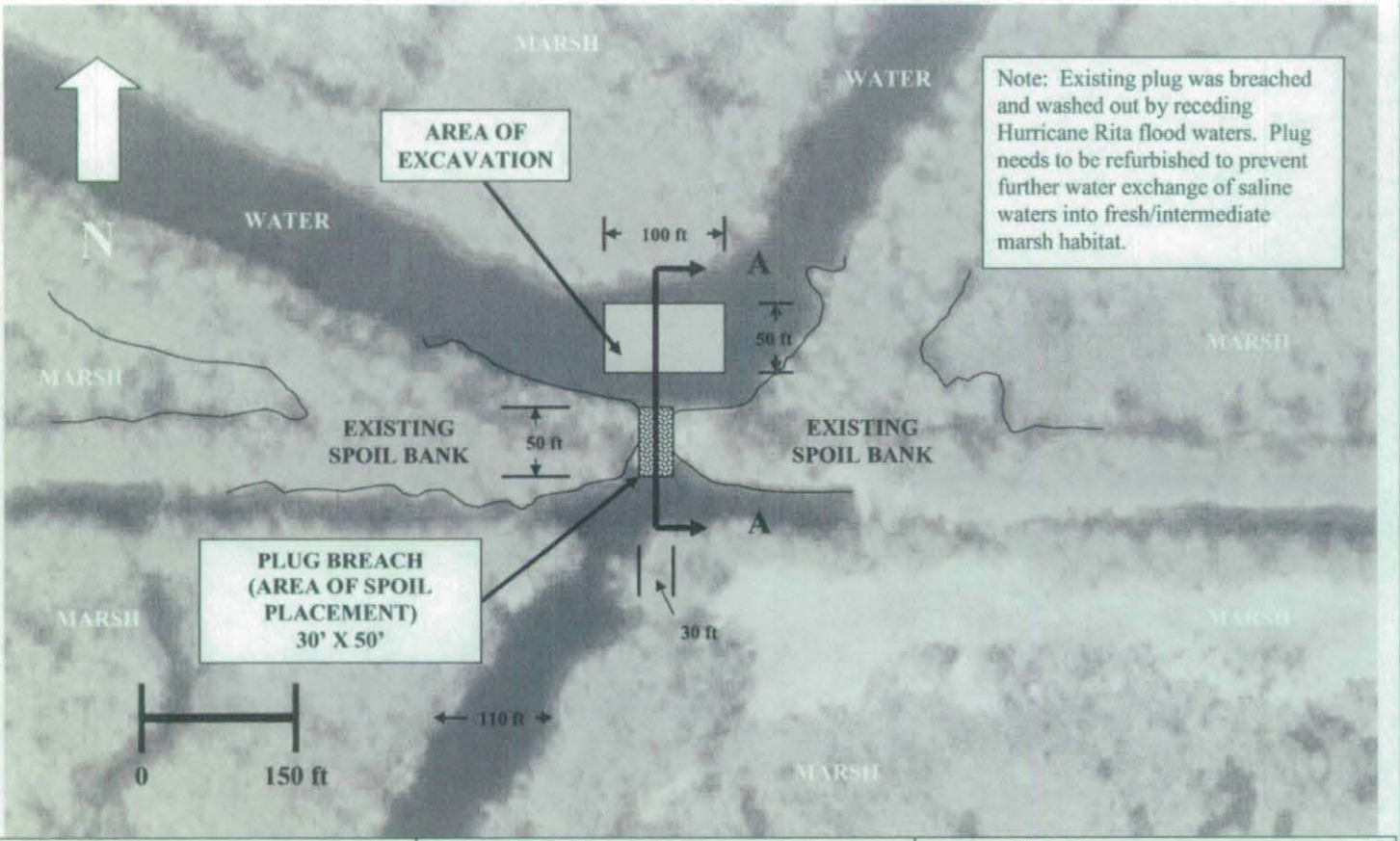
Trunk Pipeline Plug Refurbishment
2.0 miles southeast of Avery Island
Iberia Parish, Louisiana
Date: 6/15/07

Randy Moertle and Associates, Inc.
1008 Mar Dr., Lockport, LA 70374
(985) 532-6388

CROSS SECTION A – A
(Not to Scale)

Proposed Plug Refurbishment

Location: T13S-R6E, Sec. 49



Note: Existing plug was breached and washed out by receding Hurricane Rita flood waters. Plug needs to be refurbished to prevent further water exchange of saline waters into fresh/intermediate marsh habitat.

Trunk Pipeline Plug Refurbishment
2.0 miles southeast of Avery Island
Iberia Parish, Louisiana
Date: 6/15/07

Randy Moertle and Associates, Inc.
1008 Mar Dr., Lockport, LA 70374
(985) 532-6388

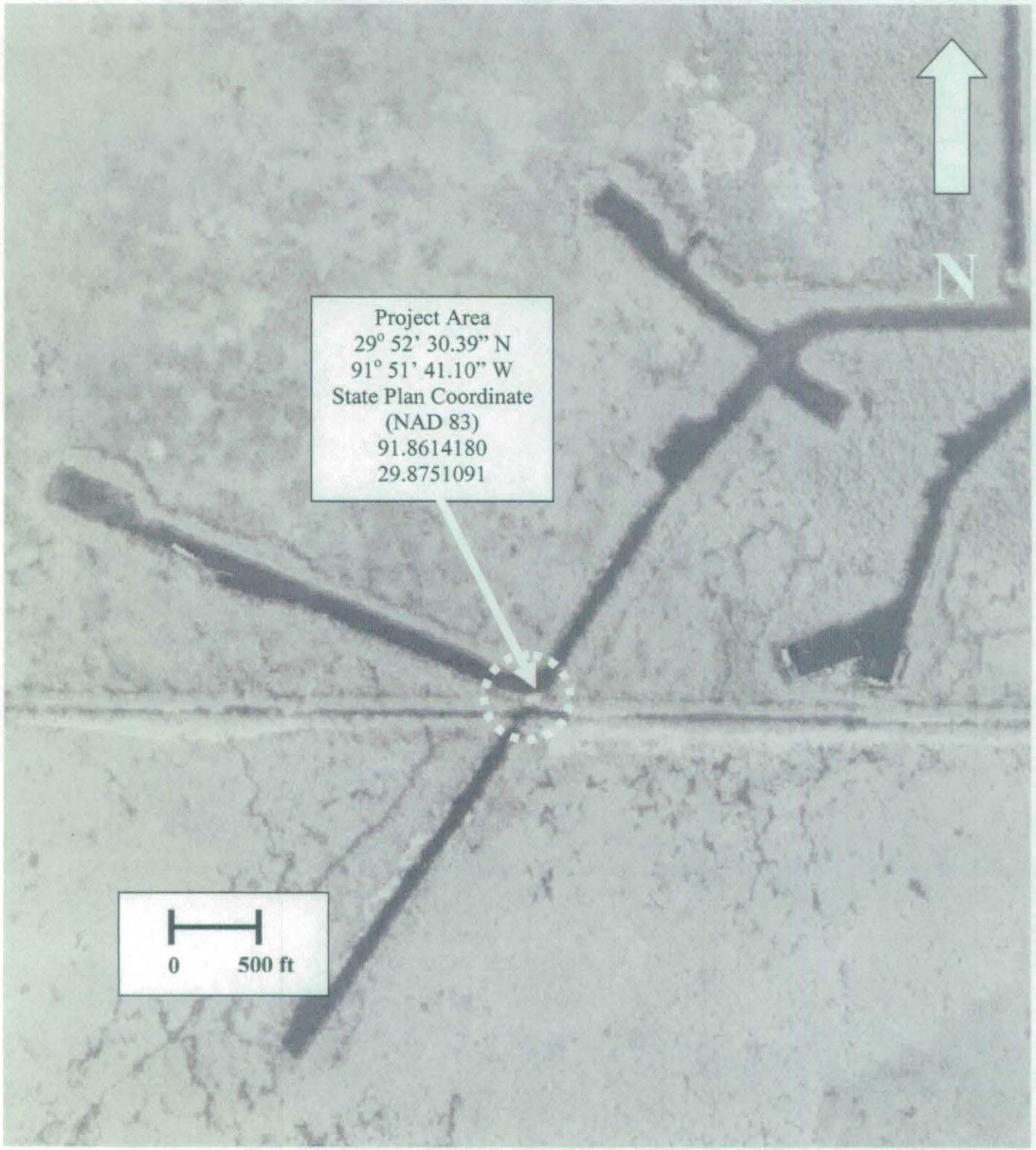
PLAN VIEW (Not to Scale)

Area of Excavation

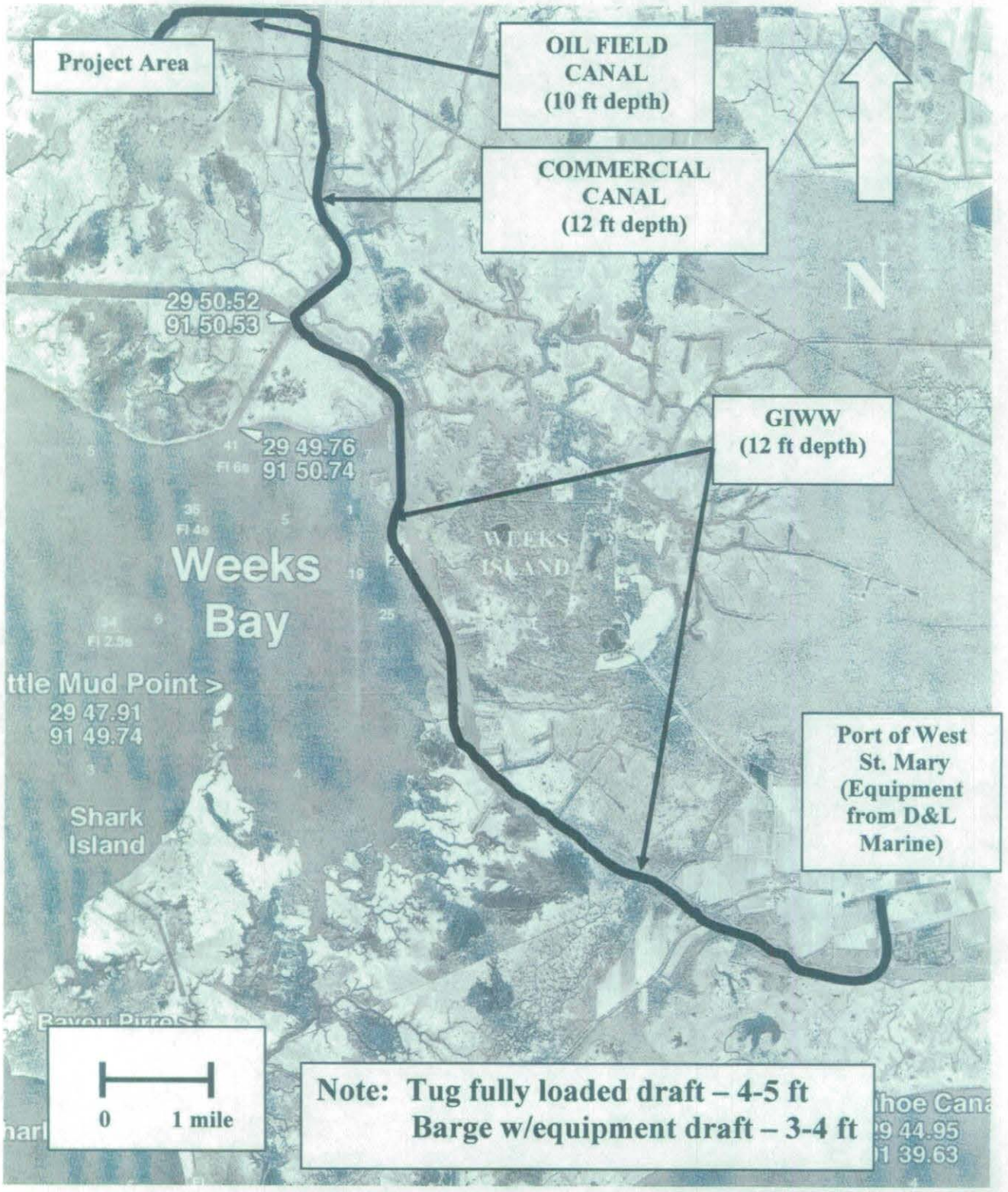
Proposed Existing Plug Refurbishment Location

Location: T13S-R6E, Sec. 49
NOTE: MHW = EL. +3.8 NGVD
MLW = EL. +0.6 NGVD
Avg. Water = EL. +2.0 NGVD

SHEET 3 OF 4



Trunk Pipeline Plug Refurbishment 2.0 miles southeast of Avery Island Iberia Parish, Louisiana Date: 6/15/07 **Randy Moertle and Associates, Inc.** 1008 Mar Dr., Lockport, LA 70374 (985) 532-6388	Plan View Project Site Map	Source: LDNR 2005 Aerial Imagery Location: T13S-R6E, Sec. 49 **SHEET 2 OF 4**



Trunk Pipeline Plug Refurbishment 2.0 miles southeast of Avery Island Iberia Parish, Louisiana Added Map - Date: 7/10/07 **Randy Moertle and Associates, Inc.** 1008 Mar Dr., Lockport, LA 70374 (985) 532-6388	Access Route Site Map with Water Depths and Equipment Drafts	Location: T13S-R6E, Sec. 49 **SHEET 5 OF 5**

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT

P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: **P20110210 (Amended)**

C.O.E. No.: **MVN 2005- 4471**

NAME: **AURORE RANCH**
c/o T. BAKER SMITH, INC.
107 GLOBAL CIRCLE SUITE 100
LAFAYETTE, LA 70503
Attn: Brady Trahan

LOCATION: **Vermilion Parish, LA**
Center Point: Lat 29º 50' 44"N / Long -92º 05' 05"W; Section 5, T14S-R04E; Section 6 T14S R04E; Approximately 4 miles northeasterly from Intracoastal City, LA.

DESCRIPTION: Proposed installation of eight (8) 24"-36" x 40' culverts and excavation of nine (9) 50' gaps through existing levees to facilitate the introduction of tidal waters and encourage establishment of fresh/intermediate marsh vegetation for the proposed ± 534 acre Aurore Ranch Mitigation Area. Approximately 148 cubic yards and 1,665 cubic yards of excavated/fill material will result from the installation of culverts and the excavation of gaps respectively. Project will be completed in phases with an initial 157.2 acres planned for Phase I and the completion of each subsequent phase dependent on the success of the previous phase and need for wetland credits.

AMENDMENT 1: Amendment includes replacing five (5) previously proposed 24" - 36" x 40' culvert installations with 50' gaps, one additional culvert installation, and the addition/adjustment in locations of tidal gauges within the project area. Breaches of a minimum of 50' every 500' in the interior/minor dikes shall remain. Proposed revisions will result in an increase in excavation/fill amounts from 1,813 cubic yards to 4,521 cubic yards.

This amended permit supersedes the original permit which was issued July 19, 2011.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, and/or operate the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This amended permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Office of Coastal Management of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Office of Coastal Management by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this amended permit, this amended permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee on the original permit which was July 19, 2011. If the coastal use is not initiated within this two (2) year period, then this amended permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for the purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith, and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources

Program:

a. This amended permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

b. All logs, stumps and other debris unearthed during dredging shall be removed to an approved disposal site on land.

c. Permittee/Sponsor shall not begin construction activities of the above referenced Mitigation Bank unless approval has been received from the Interagency Review Team (IRT) or a final Mitigation Banking Instrument (MBI) has been approved by the IRT.

The Permittee shall not sell any credits associated with this authorized Mitigation Bank until final approval has been received from the IRT and a MBI has been executed. Once executed the MBI shall become a part of the administrative record and an enforceable provision of this permit.

The period of operation, monitoring responsibilities, maintenance, and remedial actions of the Mitigation Bank shall be in accordance with the IRT approved MBI.

Monitoring reports shall be submitted to the OCM for approval according to the schedule specified in the IRT approved MBI.

The Permittee/Sponsor shall maintain the Mitigation Bank for a minimum of (20) twenty years for marsh habitats and (50) fifty years for forested habitats.

Permittee/Sponsor shall cease credit sales if the IRT or OCM determines that the permittee/Sponsor is in default of any provision of the IRT approved MBI. The sale of credits shall be suspended until the appropriate deficiencies have been remedied and approved by the IRT.

Permittee shall contact the OCM Field Investigator, Charlie Mestayer at 337-262-5656 no later than ten (10) days prior to initiation for each phase of construction activities of the Mitigation Bank. In addition, Permittee shall notify Charlie Mestayer no later than ten (10) days after completion of each phase of the construction activities of the Mitigation Bank.

The expiration of the term of this Coastal Use Permit does not absolve the Permittee/Sponsor, its transferees, or assignees from the obligation and responsibility of implementing and maintaining the Mitigation Bank.

d. Spoil shall be placed upon existing earthen levees as depicted on the permit plats and shall not be placed upon vegetated wetlands.

e. 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 Louisiana Natural Heritage Program (LNHP) has compiled data on rare, endangered, or otherwise significant plant and animal species, plant communities, and other natural features throughout the State of Louisiana. LNHP reports summarize the existing information known at the time of the request regarding the location in question. LNHP 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 LNHP tracked species are encountered within the project area, please contact our biologist at 225-765-2643.

f. Permittee shall obtain a Water Quality Certification, should one be required, from the LA Department of Environmental Quality prior to initiation of any construction activities.

g. The following conditions have been provided by the Department of Health and Hospitals/ Office of Public Health:

The applicant shall be aware of and comply with any and all applicable Louisiana State Sanitary Code regulations (LAC 51, as applicable). Furthermore, should additional project data become available to this office that in any way amend the information upon which this office's response has been based, we reserve the right of additional comment on the referenced project(s).

In the event of any future discovery of evidence of non-compliance with the Louisiana Administrative Code Title 51 (Public Health-Sanitary Code) and the Title 48 (Public Health-General) regulations or any applicable public health laws or statutes which may have escaped our awareness during the course of this cursory review, please be advised that this office's preliminary determination of the project(s) shall not be construed as absolving the applicant of responsibility, if any, with respect to compliance with the Louisiana Administrative Code Title 51 (Public Health-Sanitary Code) and the Title 48 (Public Health-General) regulations or any other applicable public health laws or statutes.

h. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

i. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.

j. Permittee shall allow representatives of the Office of Coastal Management or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.

k. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.

l. This amended permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee on the original permit which was July 19, 2011. Initiation of the Coastal Use, for purposes of this amended permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D.). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

The expiration date of this amended permit is five (5) years from the date of the signature of the Secretary or his designee on the original permit which was July 19, 2011.

Upon expiration of this amended permit, a new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

********** End of Conditions **********

By accepting this amended permit the applicant agrees to its terms and conditions.

I affix my signature and issue this amended permit this 23rd day of May, 2012.

THE DEPARTMENT OF NATURAL RESOURCES

Karl L. Morgan, Administrator
Office of Coastal Management

This agreement becomes binding when signed by Administrator of
the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

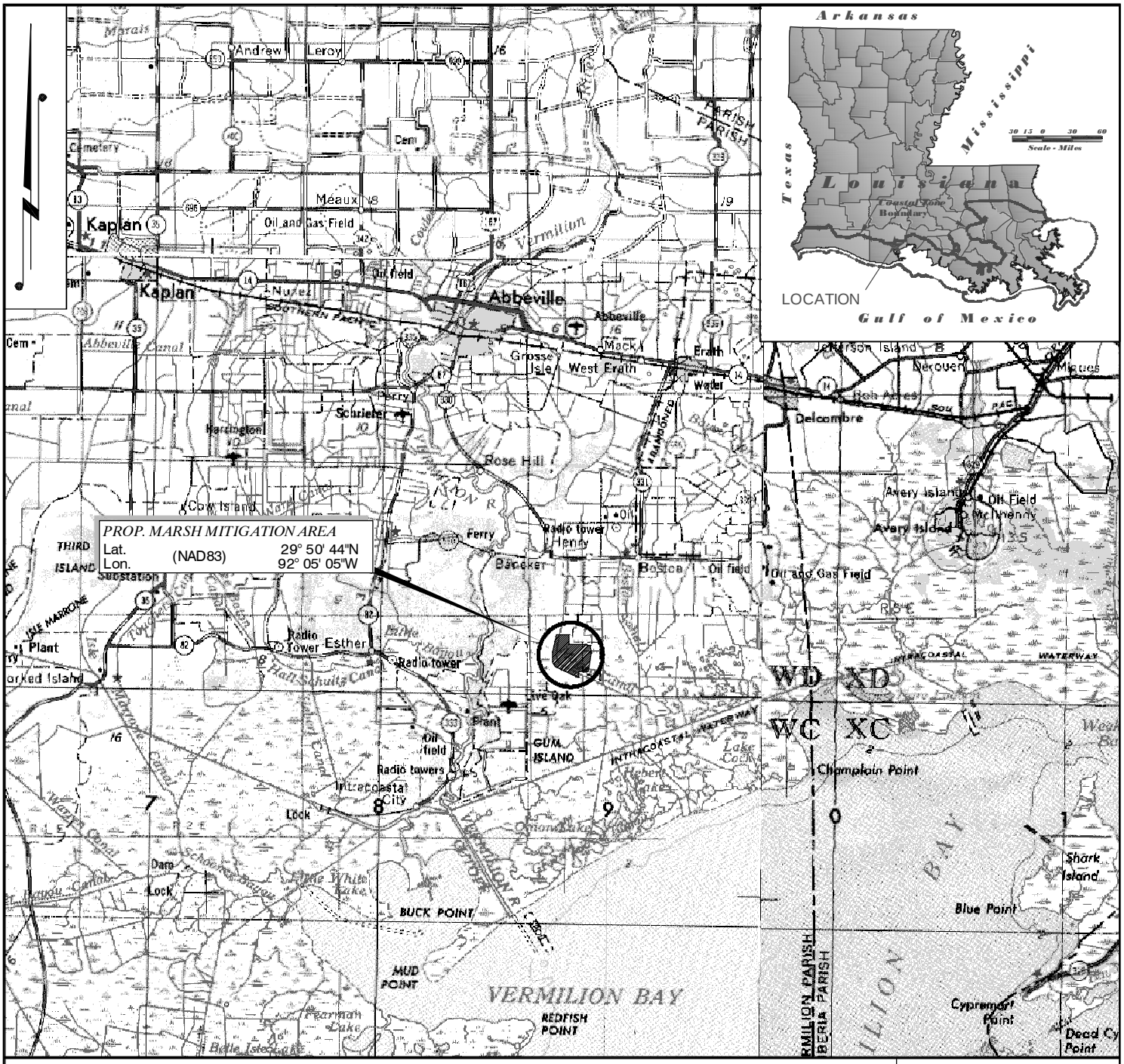
Attachments

Final Plats:

1) P20110210 Final Plats 05/08/2012

cc: Pete Serio, COE w/attachments
Dave Butler, LDWF w/attachments
Stephen Broussard, LED w/attachments
Jessica Diez, OCM w/attachments
Charlie Mestayer, OCM/FI w/attachments

AURORE RANCH w/attachments



SCALE IN FEET

4MI 2MI 0 4MI

VICINITY MAP

GEODETIC DATUM: NAD83
PROJECTION: LOUISIANA SOUTH
GRID UNIT: US SURVEY FEET

AURORE RANCH

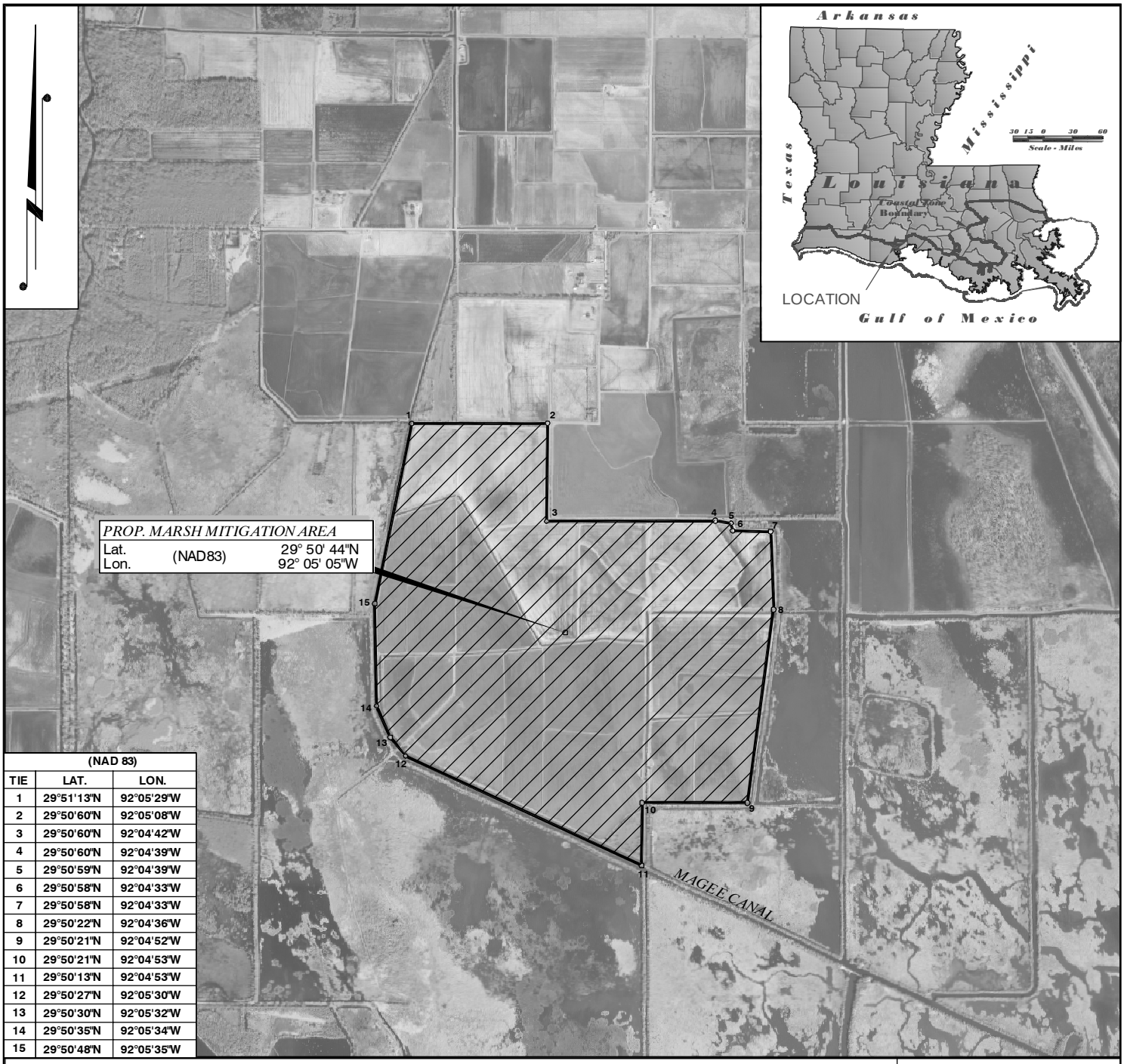
PROPOSED CULVERTS AND GAPS

LOCATED APPROXIMATELY 4 MILES NORTHEASTERLY FROM INTRACOASTAL CITY, LA
SECTIONS 5, 6, 7 & 8, T14S-R04E
VERMILION PARISH, LOUSIANA

REV. NO.	REV. DATE	REVISION DESC.	REV. BY:
11	05/08/12	REVISED PLAT PER CLIENT'S REQUEST	AZB

T. BAKER SMITH, LLC
SOLUTIONS START HERE
(337) 735-2800 www.tbsmith.com

DRAWN BY:	RRB	SHEET 1 OF 9	
APPROVED BY:	AZB	DRAWING NAME:	051438_C1_REV11.DWG
SCALE:	1:250,000	JOB NUMBER:	2005.1438
DATE:	02/11/11	MAP NUMBER:	



(NAD 83)		
TIE	LAT.	LON.
1	29°51'13"N	92°05'29"W
2	29°50'60"N	92°05'08"W
3	29°50'60"N	92°04'42"W
4	29°50'60"N	92°04'39"W
5	29°50'59"N	92°04'39"W
6	29°50'58"N	92°04'33"W
7	29°50'58"N	92°04'33"W
8	29°50'22"N	92°04'36"W
9	29°50'21"N	92°04'52"W
10	29°50'21"N	92°04'53"W
11	29°50'13"N	92°04'53"W
12	29°50'27"N	92°05'30"W
13	29°50'30"N	92°05'32"W
14	29°50'35"N	92°05'34"W
15	29°50'48"N	92°05'35"W

SCALE IN FEET

2,000' 1,000' 0 2,000'

AREA MAP

GEODETIC DATUM: NAD83
PROJECTION: LOUISIANA SOUTH
GRID UNIT: US SURVEY FEET

AURORE RANCH

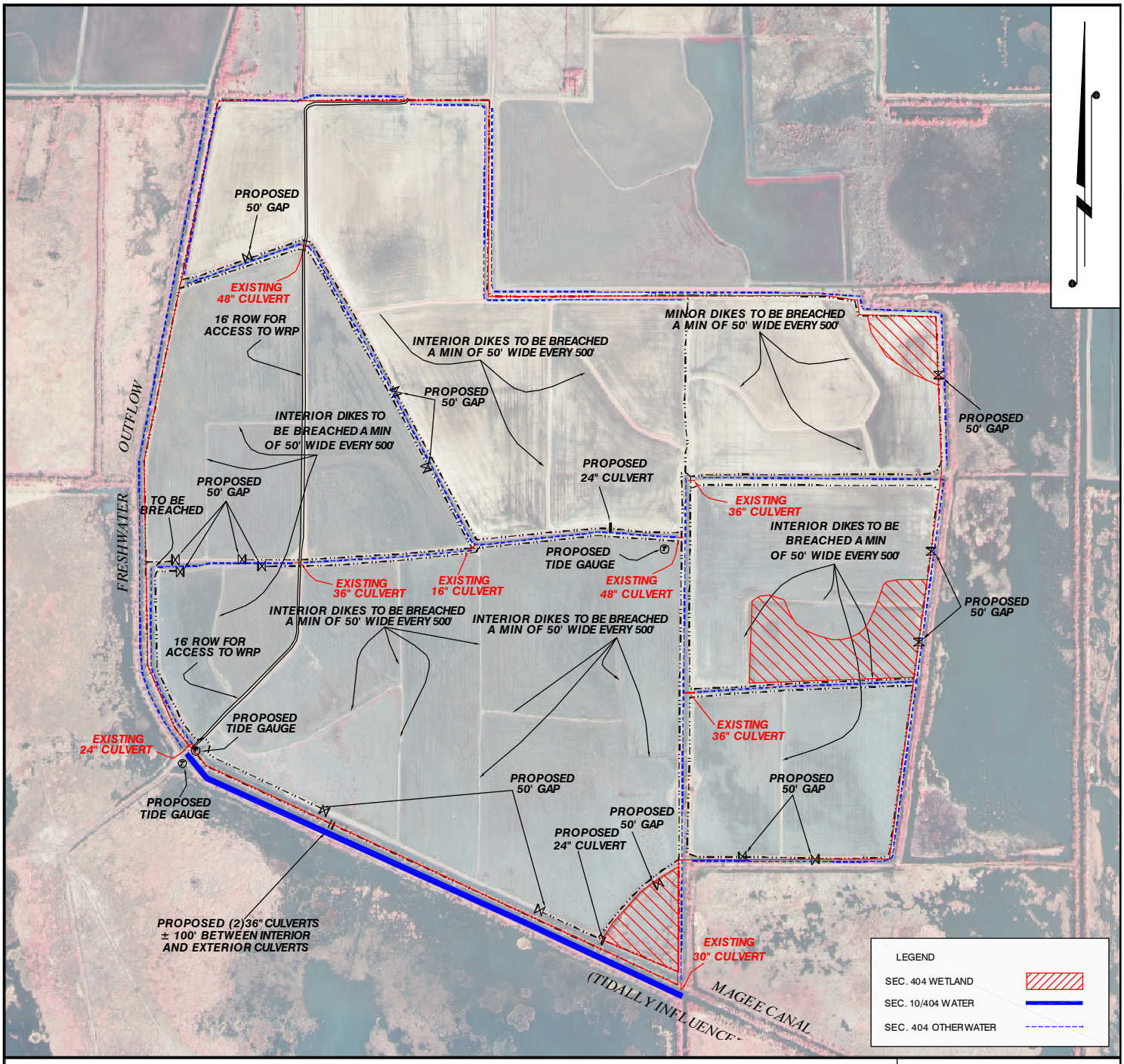
PROPOSED CULVERTS AND GAPS

LOCATED APPROXIMATELY 4 MILES NORTHEASTERLY FROM INTRACOASTAL CITY, LA
SECTIONS 5, 6, 7 & 8, T14S-R04E
VERMILION PARISH, LOUSIANA

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11	05/08/12	REVISED PLAT PER CLIENT'S REQUEST	AZB

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DRAWN BY:	RRB	SHEET 2 OF 9	
APPROVED BY:	AZB	DRAWING NAME:	051438_C2_REV11.DWG
SCALE:	1"=2,000'	JOB NUMBER:	2005.1438
DATE:	02/11/11	MAP NUMBER:	



SCALE IN FEET

1,000' 500' 0 1,000'

PLAN

GEODETIC DATUM: NAD83
PROJECTION: LOUISIANA SOUTH
GRID UNIT: US SURVEY FEET

AURORE RANCH

PROPOSED CULVERTS AND GAPS

LOCATED APPROXIMATELY 4 MILES NORTHEASTERLY FROM INTRACOASTAL CITY, LA
SECTIONS 5, 6, 7 & 8, T14S-R04E
VERMILION PARISH, LOUSIANA

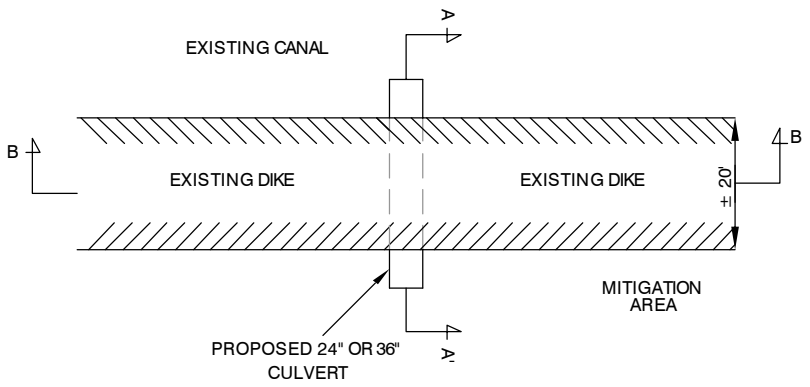
REV. NO.	REV. DATE	REVISION DESC.	REV. BY:
11	05/08/12	REVISED PLAT PER CLIENT'S REQUEST	AZB

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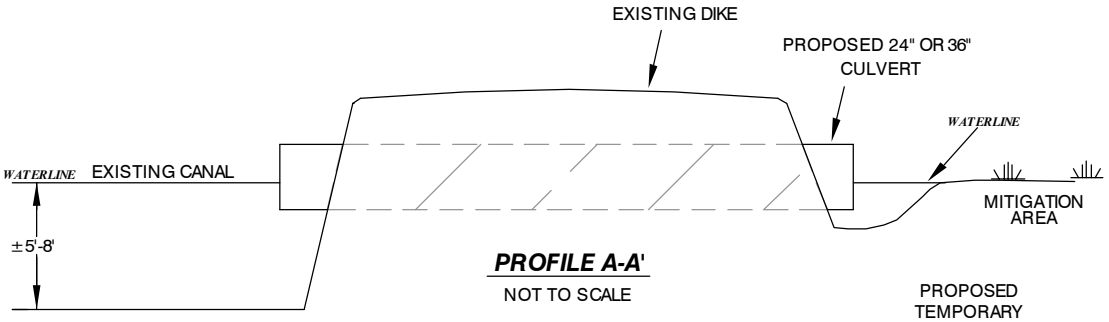
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DATE:	02/09/11	MAP NUMBER:	

PROPOSED 24" OR 36" CULVERTS

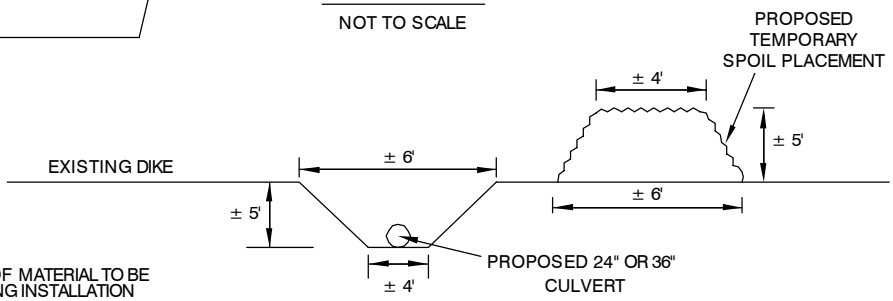
MHW +2.3 NGVD
MLW +0.8 NGVD



PLAN
NOT TO SCALE



PROFILE A-A'
NOT TO SCALE



PROFILE B-B'
NOT TO SCALE

NOTES:

APPROXIMATELY 18.5 CU. YDS. OF MATERIAL TO BE TEMPORARILY DISPLACED DURING INSTALLATION OF EACH CULVERT.

ELEVATION OF CULVERT TO BE ESTABLISHED IN COOPERATION WITH RESOURCE AGENCIES.

TEMPORARY SPOIL PLACEMENT TO BE BACKFILLED UPON COMPLETION OF PROPOSED CULVERT INSTALLATION.

TYPICAL

GEODETIC DATUM: NAD83
PROJECTION: LOUISIANA SOUTH
GRID UNIT: US SURVEY FEET

AURORE RANCH

PROPOSED CULVERTS AND GAPS

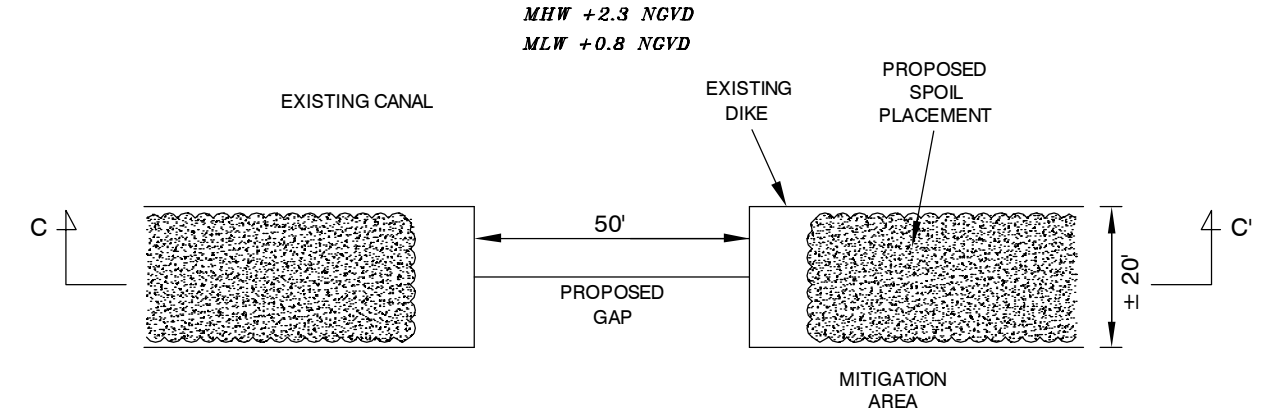
LOCATED APPROXIMATELY 4 MILES NORTHEASTERLY FROM INTRACOASTAL CITY, LA
SECTIONS 5, 6, 7 & 8, T14S-R04E
VERMILION PARISH, LOUSIANA

REV. NO.	REV. DATE	REVISION DESC.	REV. BY:
11	05/08/12	REVISED PLAT PER CLIENTS REQUEST	AZB

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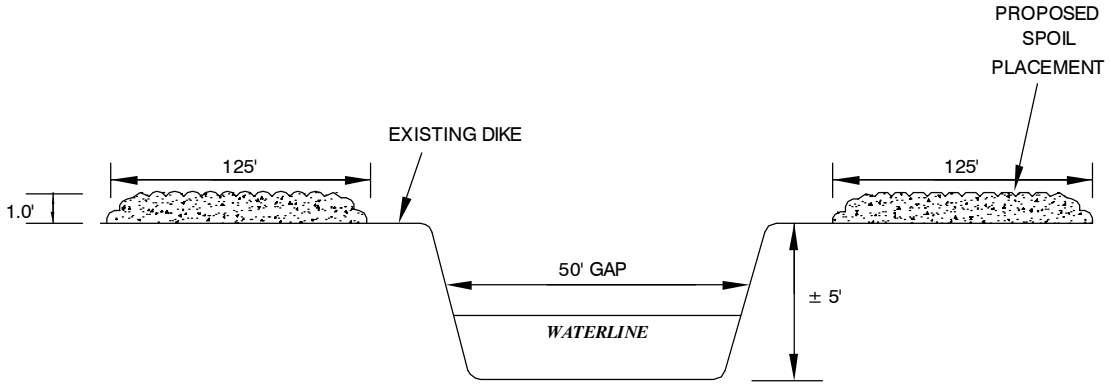
DRAWN BY:	RRB	SHEET 4 OF 9	
APPROVED BY:	AZB	DRAWING NAME:	051438_C4_REV11.DWG
SCALE:	NOT TO SCALE	JOB NUMBER:	2005.1438
DATE:	02/11/11	MAP NUMBER:	

PROPOSED GAPS ON MAIN DIKES



PLAN

NOT TO SCALE



PROFILE C-C'

NOT TO SCALE

NOTES:

APPROXIMATELY 185 CU. YDS. OF MATERIAL TO BE EXCAVATED FOR EACH PROPOSED GAP.

TYPICAL

GEODETIC DATUM: NAD83
PROJECTION: LOUISIANA SOUTH
GRID UNIT: US SURVEY FEET

AURORE RANCH

PROPOSED CULVERTS AND GAPS

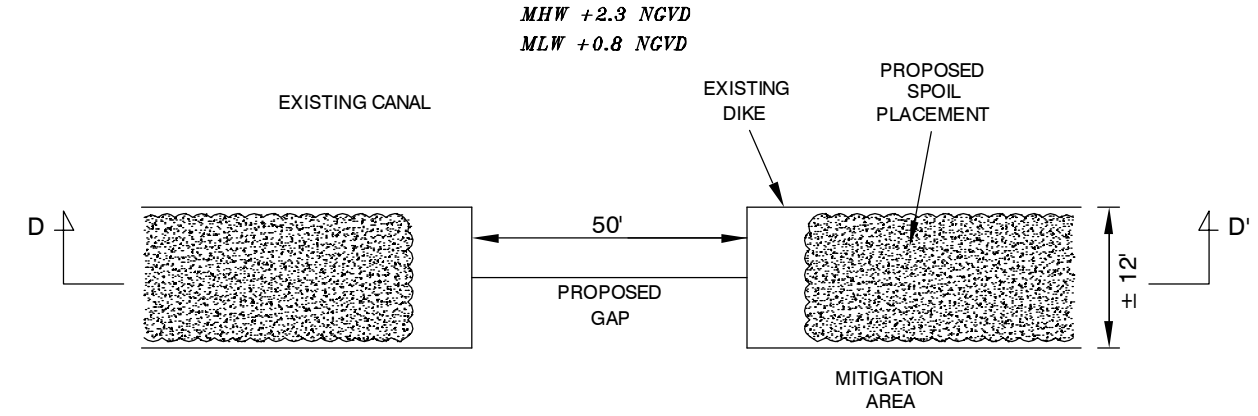
LOCATED APPROXIMATELY 4 MILES NORTHEASTERLY FROM INTRACOASTAL CITY, LA
SECTIONS 5, 6, 7 & 8, T14S-R04E
VERMILION PARISH, LOUSIANA

REV. NO.	REV. DATE	REVISION DESC.	REV. BY:
11	05/08/12	REVISED PLAT PER CLIENT'S REQUEST	AZB

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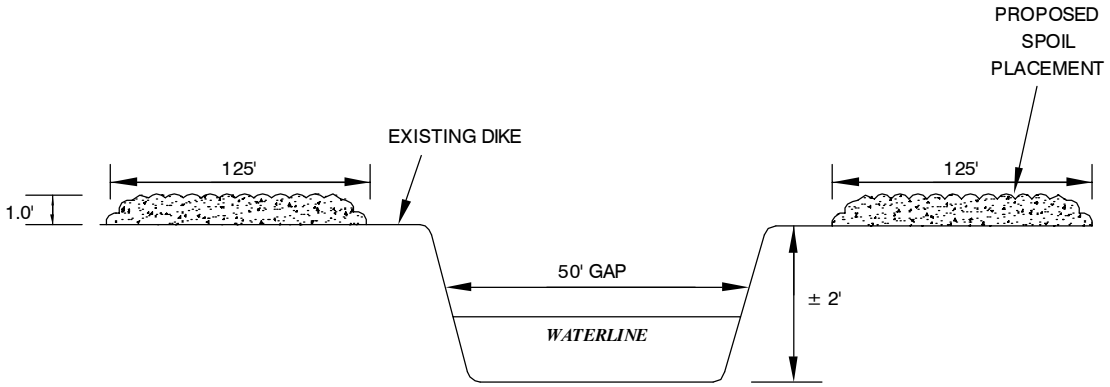
DRAWN BY:	RRB	SHEET 5 OF 9	
APPROVED BY:	AZB	DRAWING NAME:	051438_C5_REV11.DWG
SCALE:	NOT TO SCALE	JOB NUMBER:	2005.1438
DATE:	02/11/11	MAP NUMBER:	

PROPOSED GAPS ON INTERIOR DIKES



PLAN

NOT TO SCALE



PROFILE D-D'

NOT TO SCALE

NOTES:

APPROXIMATELY 44 CU. YDS. OF MATERIAL TO BE EXCAVATED FOR EACH PROPOSED GAP.

TYPICAL

GEODETIC DATUM: NAD83
PROJECTION: LOUISIANA SOUTH
GRID UNIT: US SURVEY FEET

AURORE RANCH

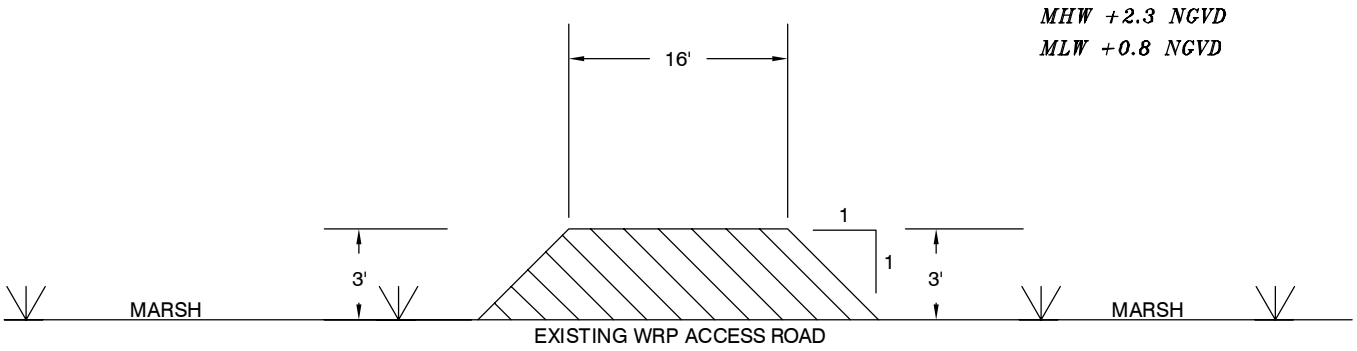
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SECTIONS 5, 6, 7 & 8, T14S-R04E
VERMILION PARISH, LOUSIANA

REV. NO.	REV. DATE	REVISION DESC.	REV. BY:
11	05/08/12	REVISED PLAT PER CLIENT'S REQUEST	AZB

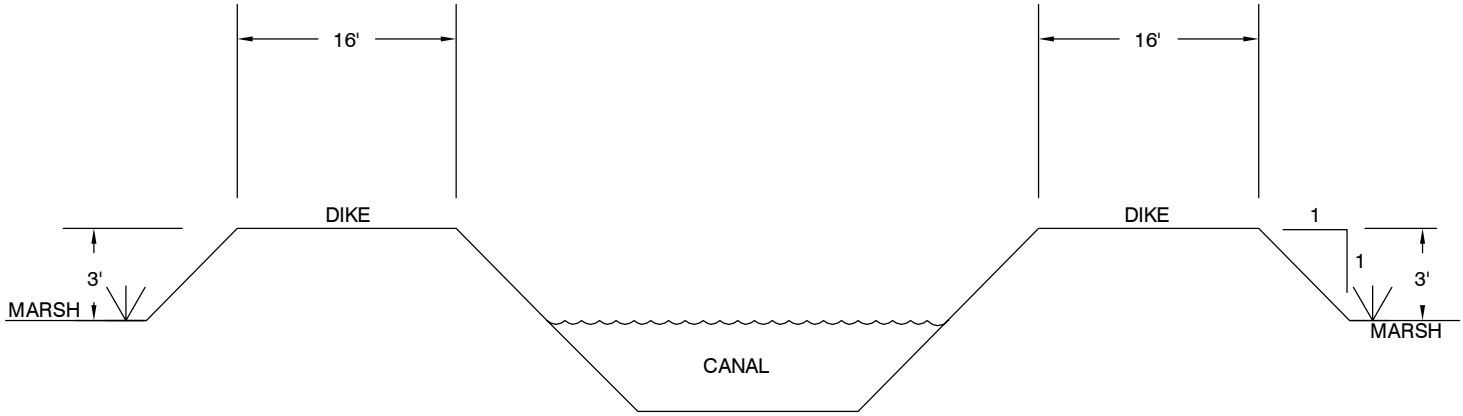
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DRAWN BY:	RRB	SHEET 6 OF 9	
APPROVED BY:	AZB	DRAWING NAME:	051438_C5_REV11.DWG
SCALE:	NOT TO SCALE	JOB NUMBER:	2005.1438
DATE:	02/11/11	MAP NUMBER:	



TYPICAL 16' WIDE ROW FOR WRP ACCESS ROAD

NOT TO SCALE



TYPICAL MAIN DIKE / ACCESS ROAD

NOT TO SCALE

TYPICAL

GEODETIC DATUM: NAD83
PROJECTION: LOUISIANA SOUTH
GRID UNIT: US SURVEY FEET

AURORE RANCH

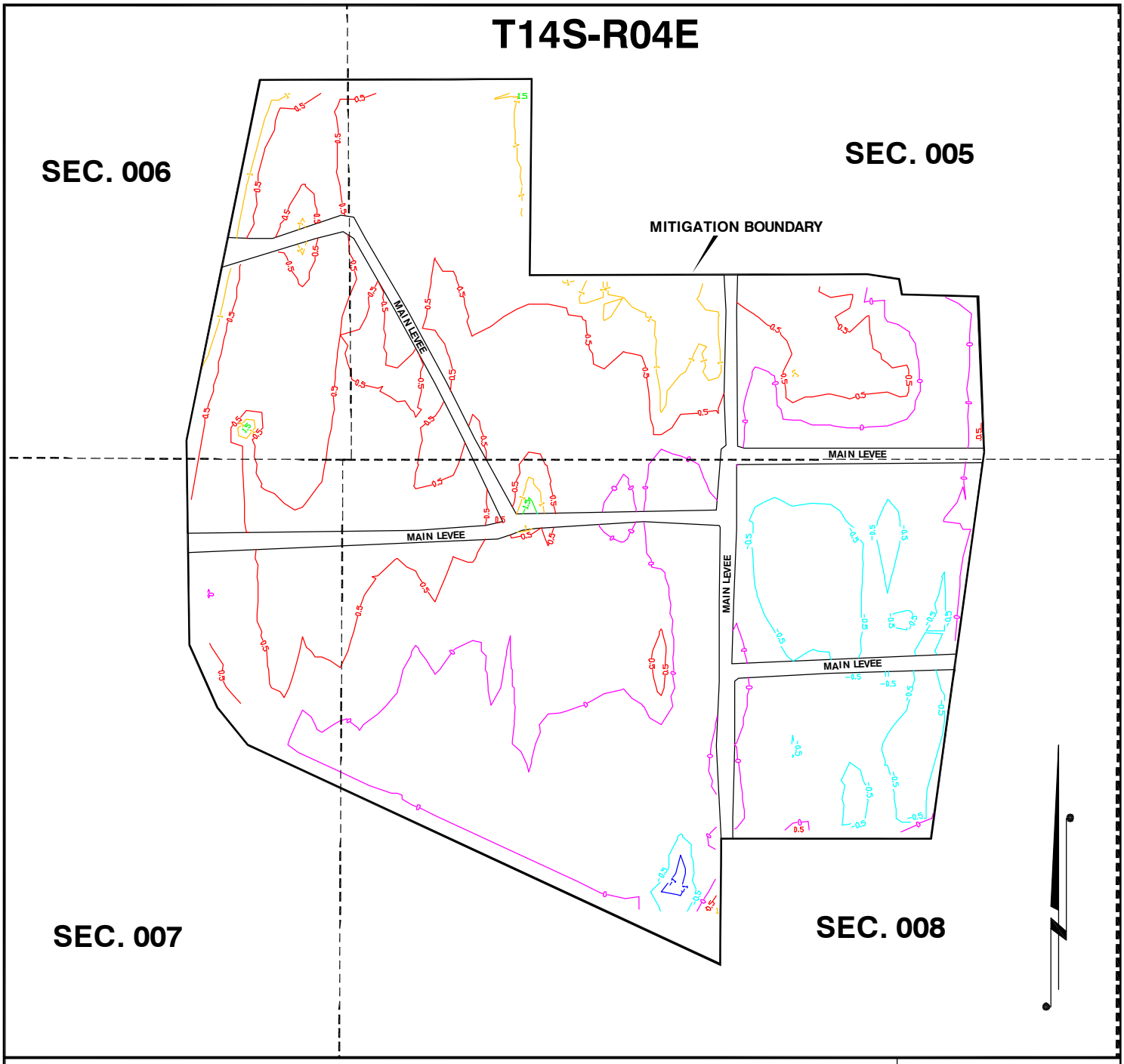
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SECTIONS 5, 6, 7 & 8, T14S-R04E
VERMILION PARISH, LOUSIANA

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11	05/08/12	REVISED PLAT PER CLIENTS REQUEST	AZB

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DRAWN BY:	NLC	SHEET 7 OF 9	
APPROVED BY:	AZB	DRAWING NAME:	051438_C5_REV11.DWG
SCALE:	NOT TO SCALE	JOB NUMBER:	2005.1438
DATE:	11/21/11	MAP NUMBER:	



SCALE IN FEET

1000' 500' 0 1000'

ELEVATION MAP

ELEVATIONS REFERENCED TO NAVD 88

GEODETIC DATUM: NAD83
PROJECTION: LOUISIANA SOUTH
GRID UNIT: US SURVEY FEET

LEGEND

- = CONTOUR LINE / -1.0' ELEVATION
- = CONTOUR LINE / -0.5' ELEVATION
- = CONTOUR LINE / 0.0' ELEVATION
- = CONTOUR LINE / 0.5' ELEVATION
- = CONTOUR LINE / 1.0' ELEVATION
- = CONTOUR LINE / 1.5' ELEVATION

AURORE RANCH

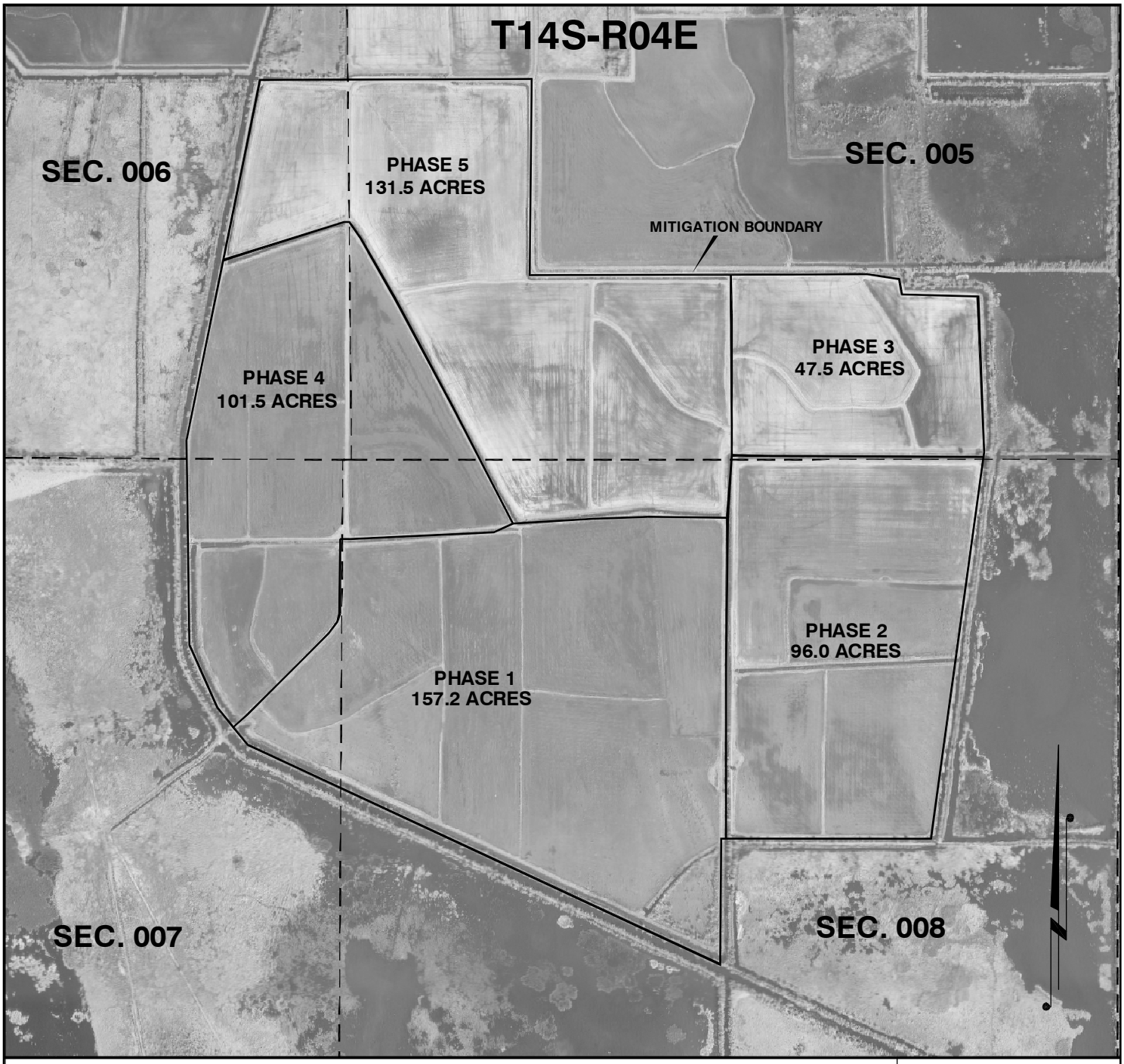
PROPOSED CULVERTS AND GAPS

LOCATED APPROXIMATELY 4 MILES NORTHEASTERLY FROM INTRACOASTAL CITY, LA
SECTIONS 5, 6, 7 & 8, T14S-R04E
VERMILION PARISH, LOUSIANA

REV NO.	REV DATE	REV DESC.	REV BY:
11	05/08/12	REVISED PLAT PER CLIENTS REQUEST	AZB

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(337) 735-2800 www.tbsmith.com

DRAWN BY:	NLC	SHEET 8 OF 9	
APPROVED BY:	BST	DRAWING NAME:	051438_C6_REV11.DWG
SCALE:	1"=1,000'	JOB NUMBER:	2005.1438
DATE:	03/17/11	MAP NUMBER:	



SCALE IN FEET

1000' 500' 0 1000'

PHASE MAP

REPRODUCED FROM 2008 DOQQ AERIAL PHOTOGRAPHS

GEODETIC DATUM: NAD83
PROJECTION: LOUISIANA SOUTH
GRID UNIT: US SURVEY FEET

AURORE RANCH

PROPOSED CULVERTS AND GAPS

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SECTIONS 5, 6, 7 & 8, T14S-R04E
VERMILION PARISH, LOUSIANA

REV. NO.	REV. DATE	REVISION DESC.	REV. BY:
11	05/08/12	REVISED PLAT PER CLIENT'S REQUEST	AZB

TBS T. BAKER SMITH, LLC
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DRAWN BY:	NLC	SHEET 9 OF 9	
APPROVED BY:	BST	DRAWING NAME:	051438_C7_REV11.DWG
SCALE:	1"=1,000'	JOB NUMBER:	2005.1438
DATE:	03/17/11	MAP NUMBER:	

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT

P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: **P20130869**

C.O.E. No.: **MVN- 2013- 02016 WKK**

NAME: **SAGRERA ESTATE**
12139 W. LA. HWY 82
ABBEVILLE, LA 70510
Attn: Sherrill Sagrera

LOCATION: **Vermilion Parish, LA**
POB dredging / 36" culvert: Lat 29º 34' 26.5"N / Long -92º 14' 3.20"W; 12" culvert: Lat 29º 34' 26.0"N / Long -92º 13' 34.1"W; POE dredging: Lat 29º 34' 26.1"N / Long -92º 13' 22.2"W; Section 11, T17-R2; Abbeville, 70510.

DESCRIPTION: Project includes the maintenance dredging of a 3,600' L x 20' W x 3' D area of an existing canal, installation of 36" culvert with flapgate in an existing plug, and the installation of a 12" culvert with flapgate in an existing spoil bank (8,029 cubic yards) to allow hydrologic flow to the east, increase fisheries access, and improve water quality by reducing salinity levels in the area.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, and/or operate the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Office of Coastal Management of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Office of Coastal Management by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two years from the date of the signature of the Secretary or his designee. If the coastal use is not initiated within this two year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for the purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith, and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

a. Dredge placement shall be limited to the areas designated on the permit plats and shall not impact or be placed upon adjacent vegetated wetland habitat.

b. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

c. All logs, stumps and other debris encountered during dredging activities shall be removed from the site during or immediately after the activity and disposed of in accordance with all applicable laws and regulations.

d. All structures built under the authorization and conditions of this permit shall be removed from the site within 120 days of abandonment of the facilities for the herein permitted use, or when these structures fall into a state of disrepair such that they can no longer function as intended. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for such removal activities.

e. That permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary treatment (30 mg/l BOD5) with disinfection prior to discharge into any of the streams or adjacent waters of the area or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.

f. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

g. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.

h. Permittee shall allow representatives of the Office of Coastal Management or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.

i. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.

j. This permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D.). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

The expiration date of this permit is five (5) years from the date of the signature of the Secretary or his designee.

Upon expiration of this permit, a new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

********** End of Conditions **********

By accepting this permit the applicant agrees to its terms and conditions.

I affix my signature and issue this permit this 18th day of October, 2013.

THE DEPARTMENT OF NATURAL RESOURCES

Karl L. Morgan, Administrator
Office of Coastal Management

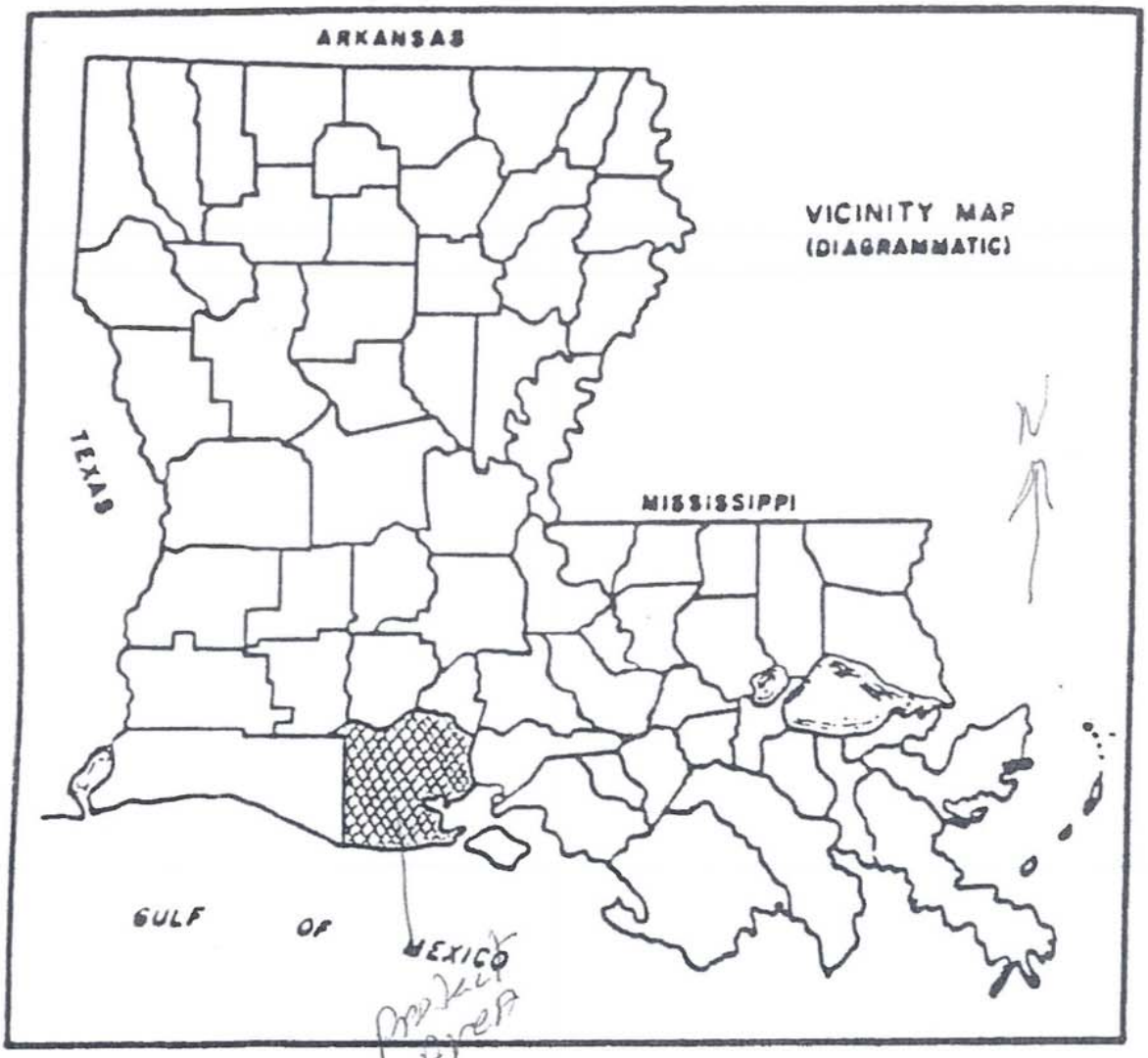
This agreement becomes binding when signed by Administrator of
the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

Attachments

Final Plats:

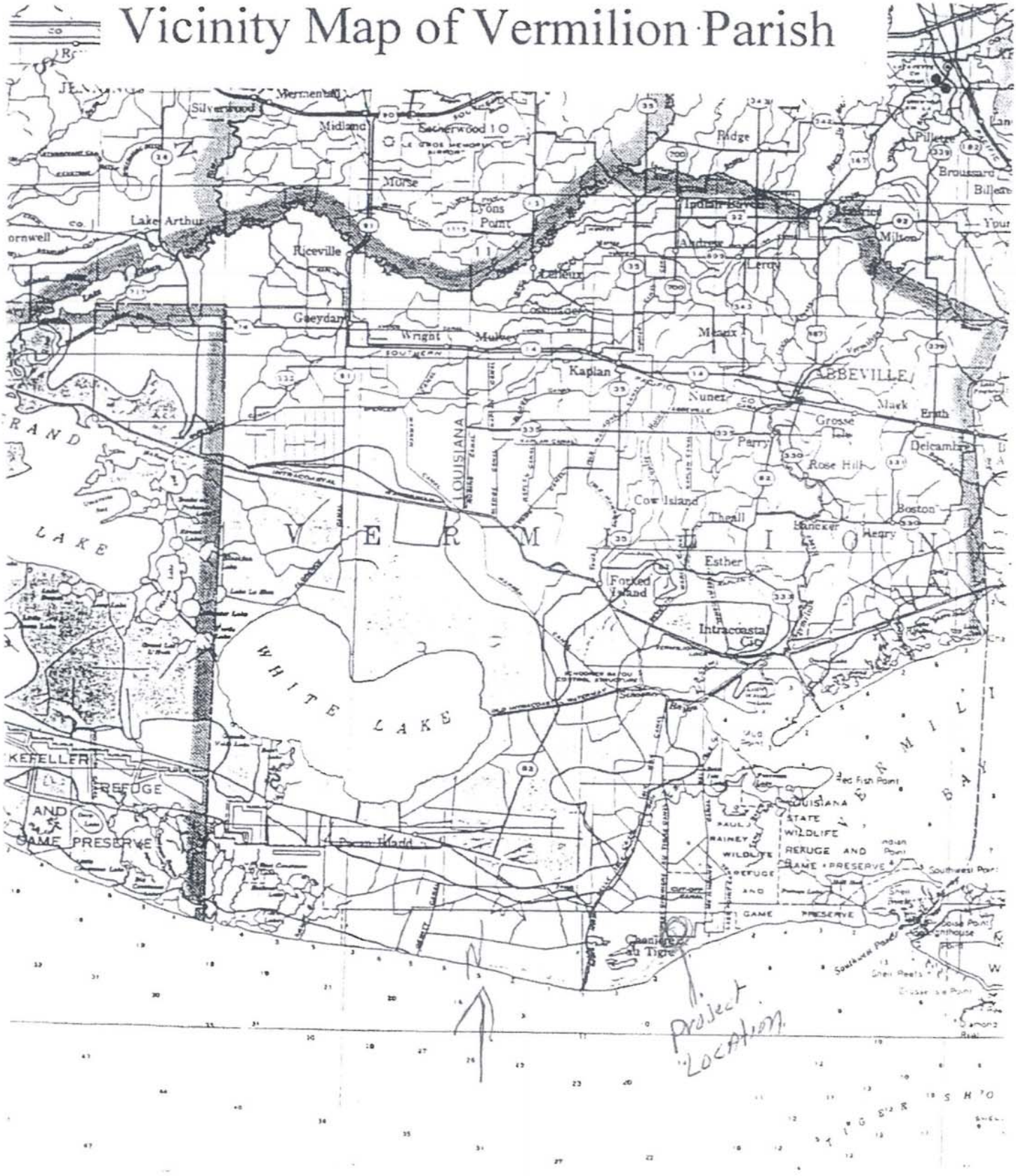
1) P20130869 Final Plats 10/01/2013

cc: Martin Mayer, COE w/attachments
Dave Butler, LDWF w/attachments
Stephen Broussard, LED w/attachments
Jessica Diez, OCM w/attachments
Darin Thomassee, OCM/FI w/attachments



VERMILION PARISH, LOUISIANA

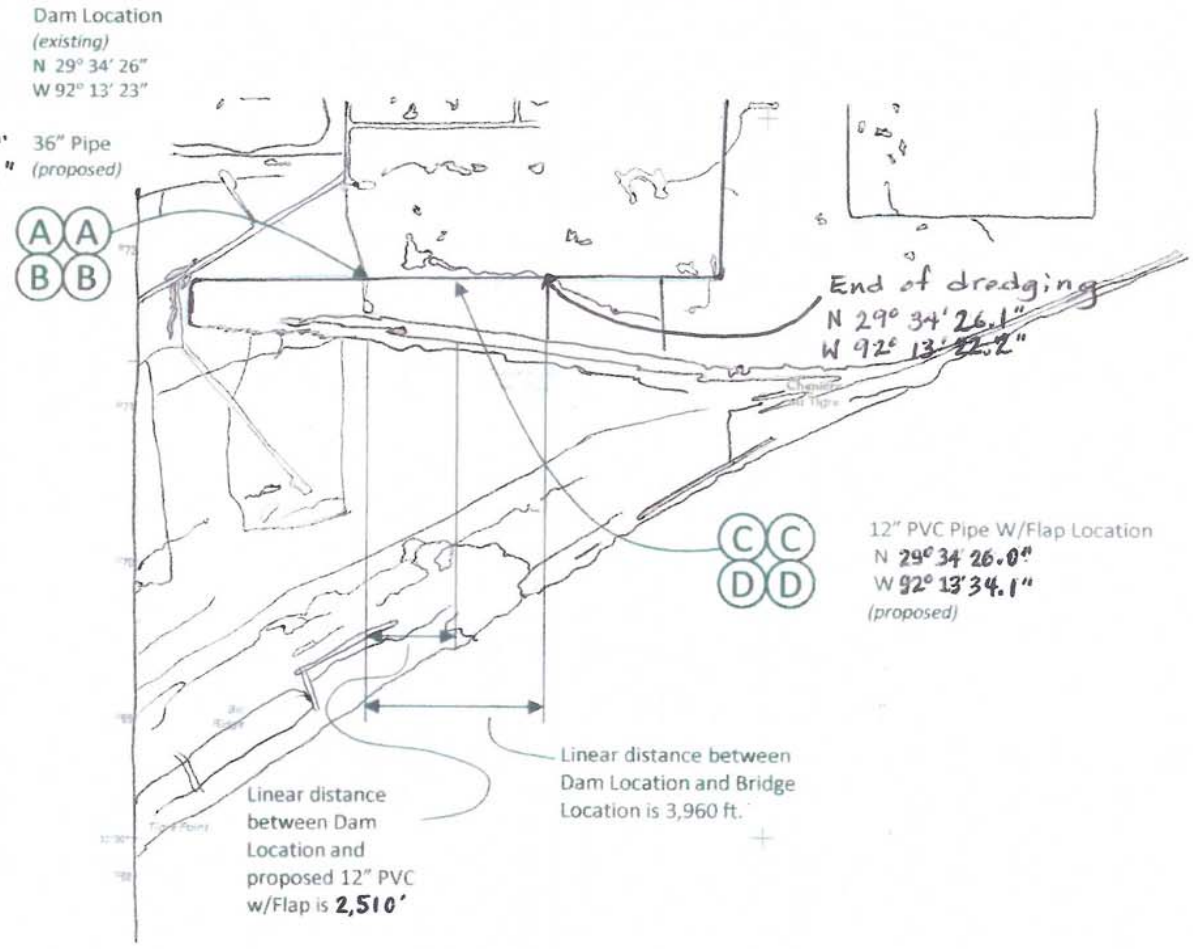
Vicinity Map of Vermilion Parish



Cheniere Au Tigre' Quadrangle

Vermilion Parish, Louisiana

7.5 Minute Series



Comments: _____

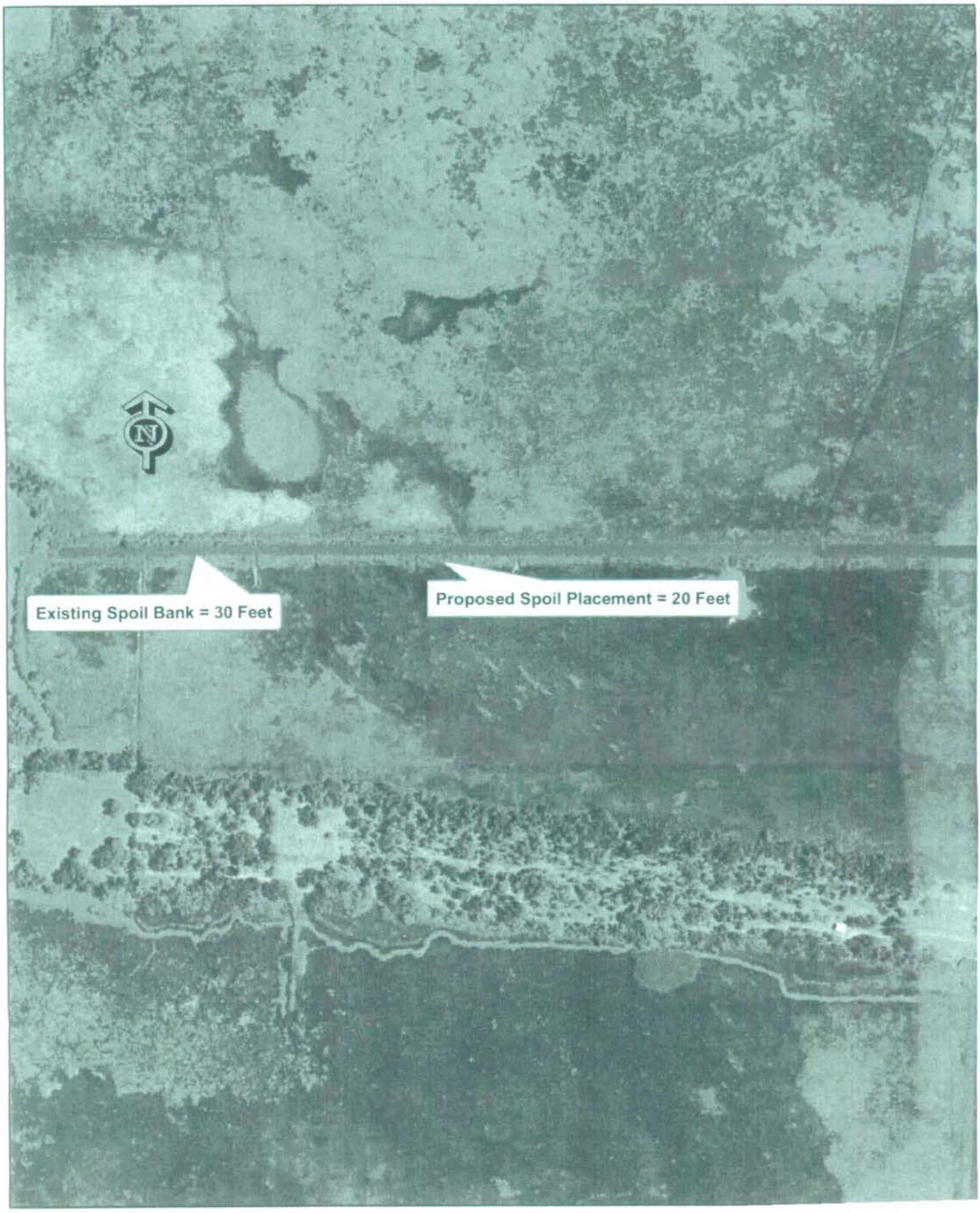
Project 20130869 Topographic Map Chenier Au Tigre'

Date: July 8, 2013

Sherrill Sagrera

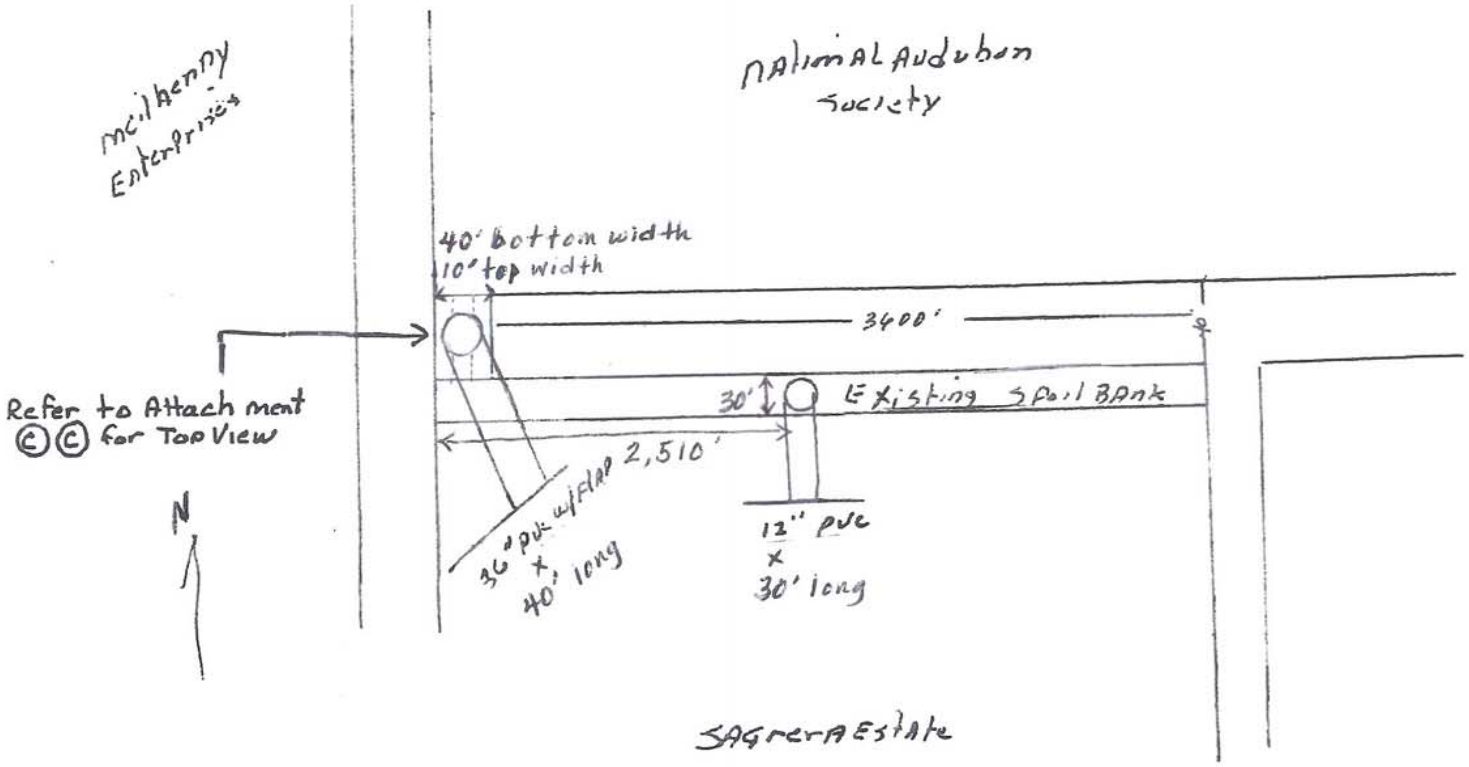
Permit 20130869

Spoil Bank Cross Section



Chenniere Au Tigre
HYDROLOGIC RESTORATION

Chenniere au tigre Ridge



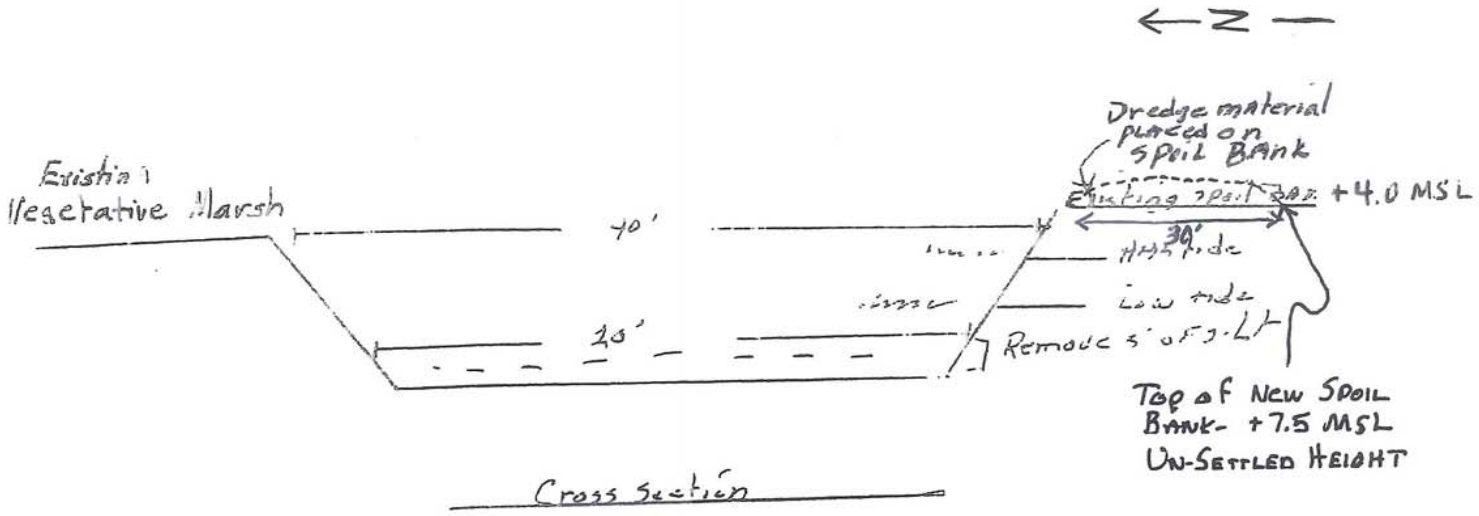
Remove 3' silt + storm Debris From CANAL

material will be placed on Existing Spoil Bank

note: Project is part of permit * CUP P2006ISG

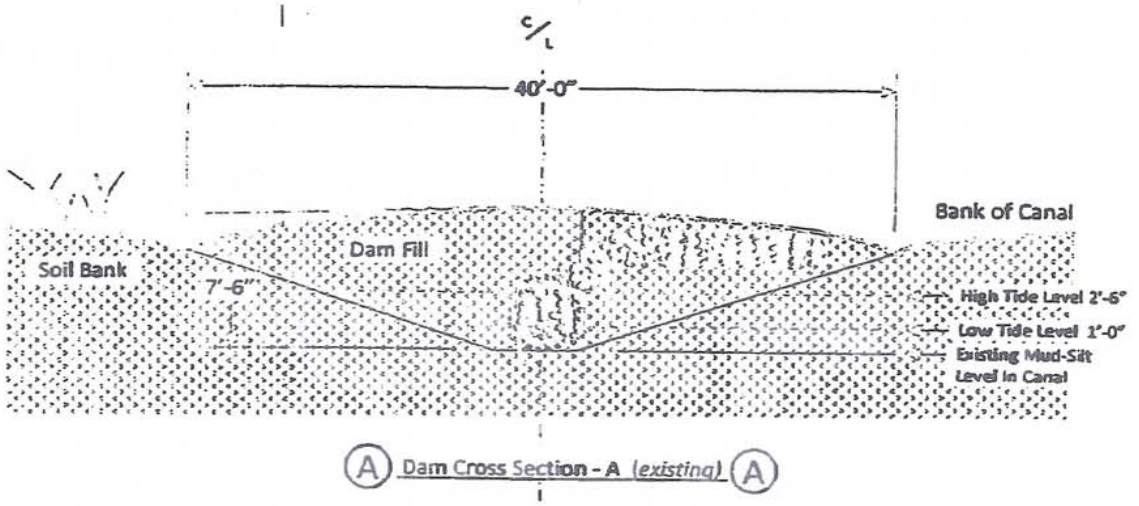
1.7 Acre of water bottoms will potentially be impacted

Cheniere Au Tigre
Hydrologic Restoration

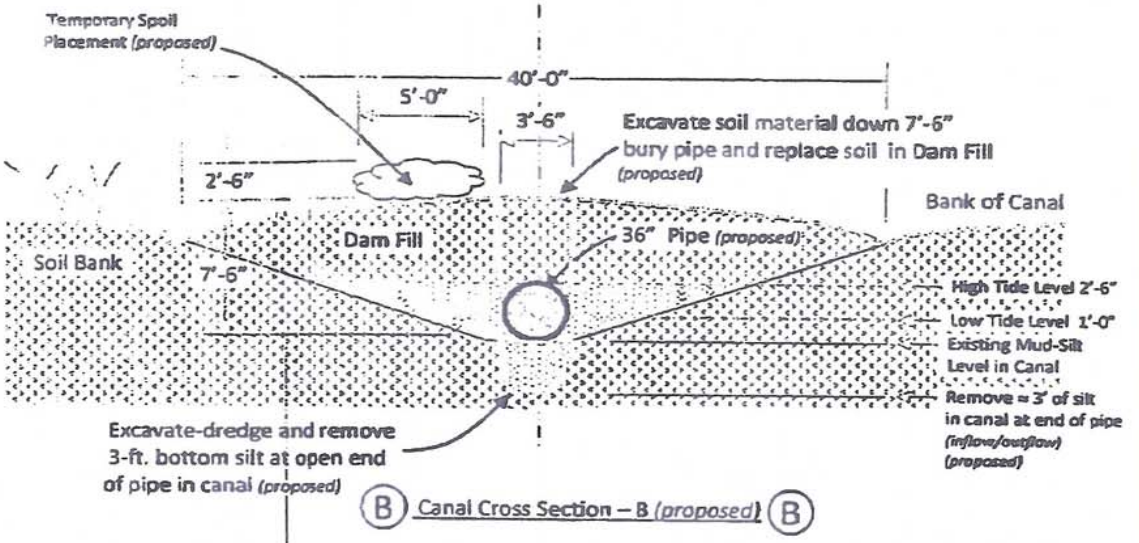


Cross Section

3' x 20' x 3600' ÷ 216,000 ÷ 27 = 3000 c.y.



A Dam Cross Section - A *(existing)* A



B Canal Cross Section – B *(proposed)* B

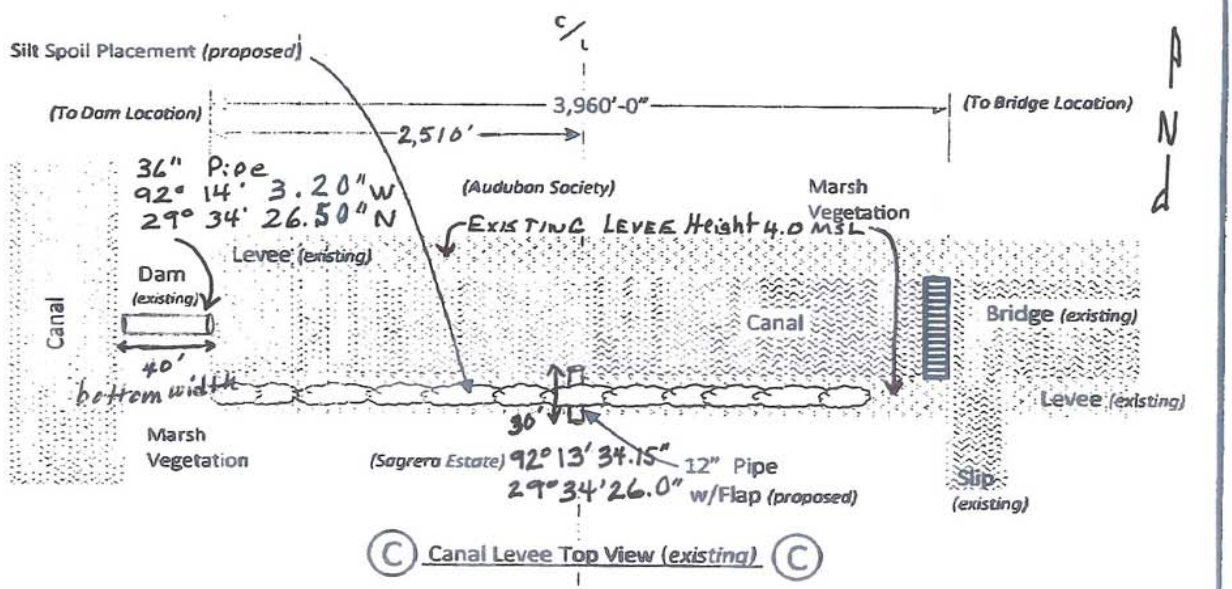
Comments: _____

Project 20130869 Cross Sections AA & BB

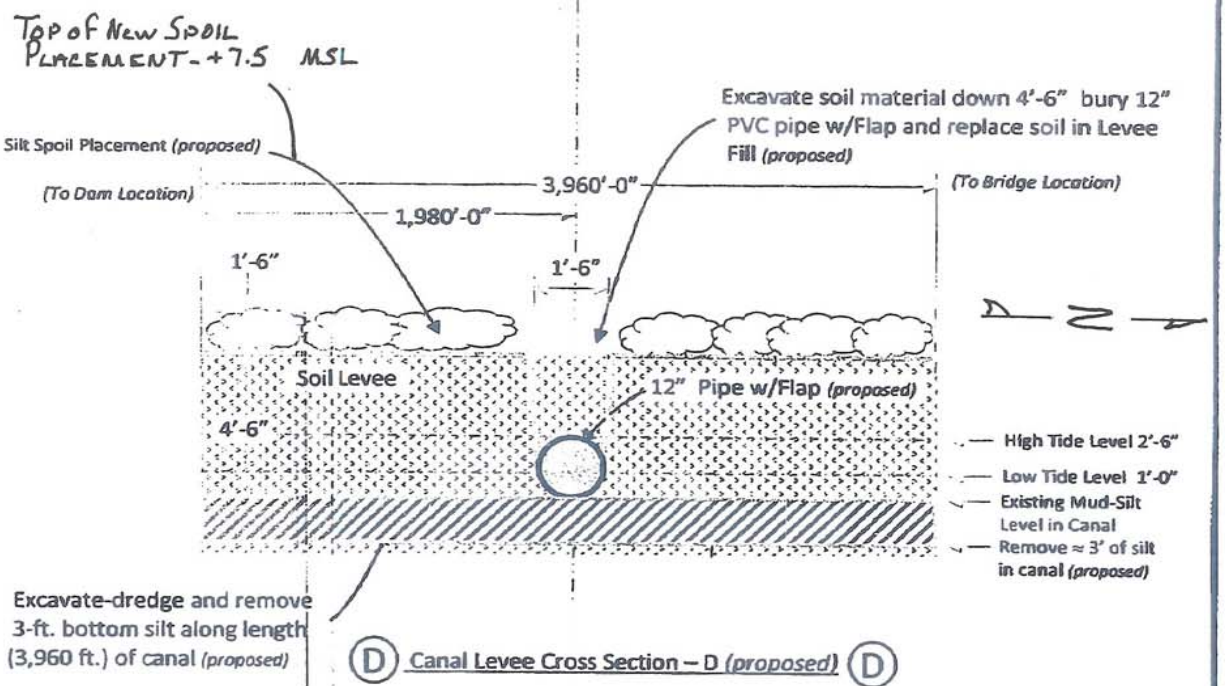
Date: July 2, 2013

Sherrill Sagrera

Jul 04 13 08:59p SHERRILL SAGRERA 337-893-0568 p.5



C Canal Levee Top View (existing) C



D Canal Levee Cross Section – D (proposed) D

Comments:

Project 20130869 Cross Sections CC & DD

Date: July 2, 2013

Sherrill Sagrera

Jul 04 13 08:59p SHERRILL SAGRERA 337-893-0368 p.2

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT

P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: **P20120181**

C.O.E. No.: **MVN- 2012- 1112- WJJ**

NAME: **HEBERT, HENRY**
PO BOX 61810
LAFAYETTE, LA 70596
Attn: Henry Hebert

LOCATION: **Vermilion Parish, LA**
Lat 29º 50' 17.17"N / Long -92º 05' 05.36"W; Section 8, T14S-R4E; @ the end of Magee Rd.; south of Abbeville near Henry, LA.

DESCRIPTION: Proposed Aurore Ranch Project for the installation of two 25" flap-gates and two variable crest weirs/stop log structures on two existing 25" pipes to provide critical waterfowl habitat under the Natural Resources Conservation Service (NRCS) Migratory Bird Habitat Initiative (MBHI) Program to +/- 570.2 acres (WRPs-1, 2, 3, & 5). Existing open-ended culverts were originally installed under Consistency Permit # C20000541 by the NRCS as part of the Wetland Reserve Program (WRP). Access proposed from an existing levee-top road. Operational schedule for the proposed water control structures included on permit plats. No dredge or fill proposed.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, and/or operate the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Office of Coastal Management of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Office of Coastal Management by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two years from the date of the signature of the Secretary or his designee. If the coastal use is not initiated within this two year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for the purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith, and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

a. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

b. The existing acreage of vegetated wetlands shall not decrease or be negatively impacted as a result of the installation/operation of the proposed structures.

c. The Operational Schedule for the proposed water control structures shall be in accordance with the final plats of this authorization which includes the placement of interior stop logs at +6 inches with flap gates operating from Sept 15 - May 31 and the removal of all interior stop logs with flaps locked open from June 1 - Sept 14 for each project year.

d. The permittee shall submit annual monitoring reports in accordance with requirements specified by the Office of Coastal Management and other interested natural resource and/or regulatory agencies by Sept 15 following completion of permitted activities for each year through year three and thereafter if determined necessary. The minimum monitoring requirements shall include quantitative changes in physical and biological characteristics observed. Reports should include comparative data regarding the acreage, health and function of the impounded marsh as well as current elevations inside and outside of the retention area prior to and following initiation of permitted activity. Reports should also include actual water control structure levels maintained during the year, fluctuations in salinity levels, available fisheries/wildlife data, frequency of prescribed burns (if applicable), and any additional data that may affect project performance (i.e. storm events) or reflect adverse environmental impacts.

e. At year three, following installation of all project features and commencement of management activities, OCM shall conduct a re-evaluation of the permitted water control structure(s). The Permittee shall submit estimates of marsh and open water acreage based on digitized aerial infrared photographs along with the third annual monitoring report. Estimates should include data regarding the acreage of marsh and open water upon the commencement of project compared to any changes in acreages after three years of implementation. These estimates will be utilized to re-evaluate the project to determine benefits and/or impacts resulting from the implementation of the permitted activity. Based on the results of the re-evaluation, annual monitoring reports may be required to continue and/or adaptive management measures may be prescribed to optimize project performance and minimize adverse environmental impacts. This authorization does not preclude the necessity of obtaining a separate Coastal Use Permit, should one be required, for adaptive management measures.

   If OCM determines that compensatory mitigation is required, permittee shall submit a compensatory mitigation plan for approval within 30 days of notification of the compensatory mitigation requirements by OCM. All necessary approvals shall be obtained for the compensatory mitigation plan and the plan shall be implemented as directed by OCM. Permittee should be aware that compensatory mitigation projects may be required to be maintained for as many as 20 years for marsh mitigation projects and 50 years for forested wetland mitigation projects. A processing fee will be assessed for the determination of compensatory mitigation requirements and evaluation of the proposed compensatory mitigation plan in accordance with LAC Title 43, Part I, Chapter 7, §724.D. This fee shall apply regardless of which compensatory mitigation option is selected and does not include the cost incurred to implement the required compensatory mitigation.

f. The following conditions have been provided by the Louisiana Department of Wildlife and Fisheries/Ecological Studies:

   A regular monitoring program will need to be implemented to reveal successes or failures of the management and to indicate what modifications may be needed. The applicant should be required to submit monitoring reports to the regulatory agencies. These reports should include comparative data regarding the health and function of the impacted (impounded) marsh, current elevations inside and outside of the managed area.

g. All structures built under the authorization and conditions of this permit shall be removed from the site within 120 days of abandonment of the facilities for the herein permitted use, or when these structures fall into a state of disrepair such that they can no longer function as intended. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for such removal activities.

h. That permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary treatment (30 mg/l BOD5) with disinfection prior to discharge into any of the streams or adjacent waters of the area or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions)

scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.

i. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

j. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.

k. Permittee shall allow representatives of the Office of Coastal Management or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.

l. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.

m. This permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D.). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

The expiration date of this permit is five (5) years from the date of the signature of the Secretary or his designee.

Upon expiration of this permit, a new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

********** End of Conditions **********

By accepting this permit the applicant agrees to its terms and conditions.

I affix my signature and issue this permit this 25th day of July, 2012.

THE DEPARTMENT OF NATURAL RESOURCES

Karl L. Morgan, Administrator
Office of Coastal Management

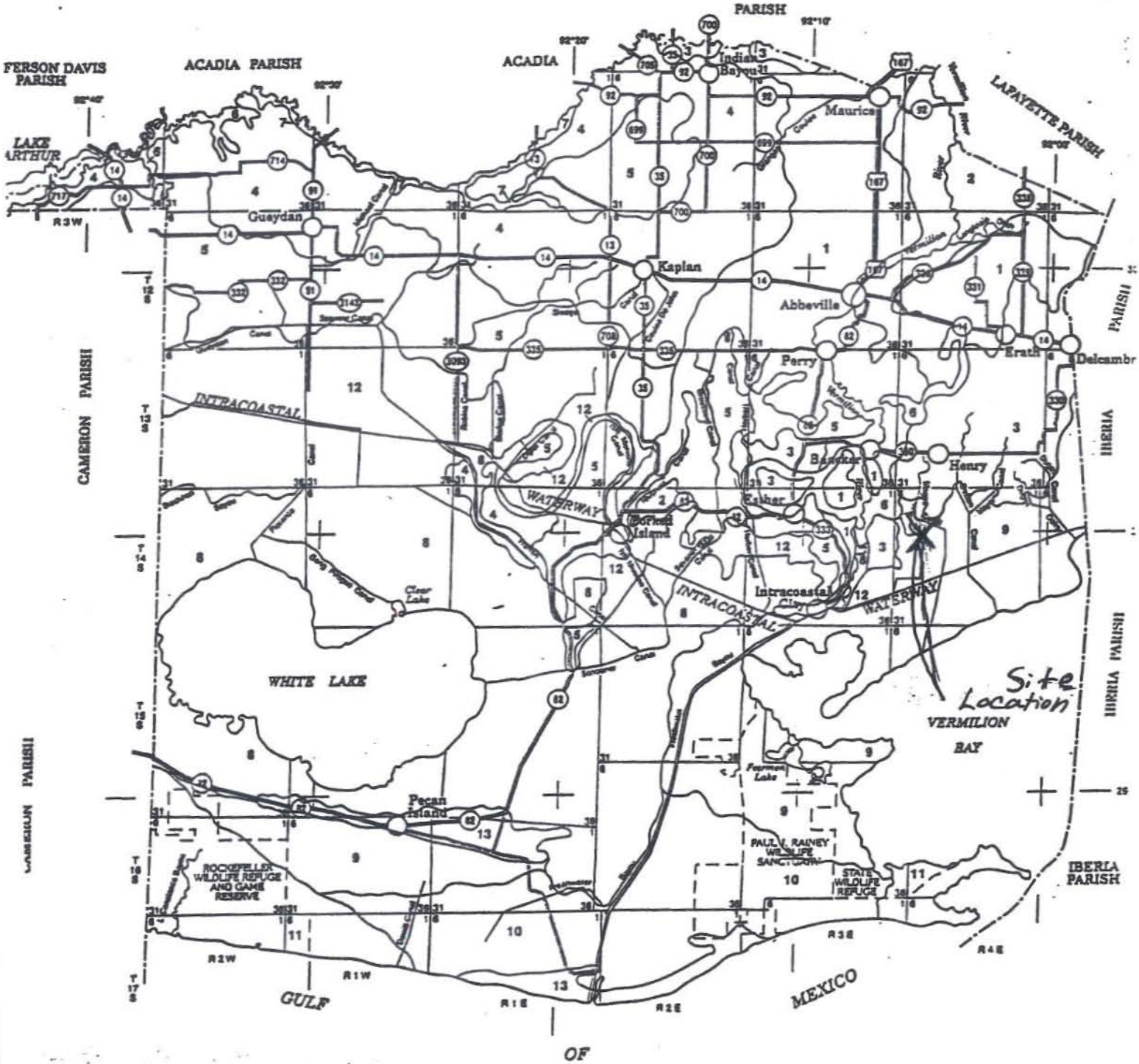
This agreement becomes binding when signed by Administrator of
the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

Attachments

Final Plats:

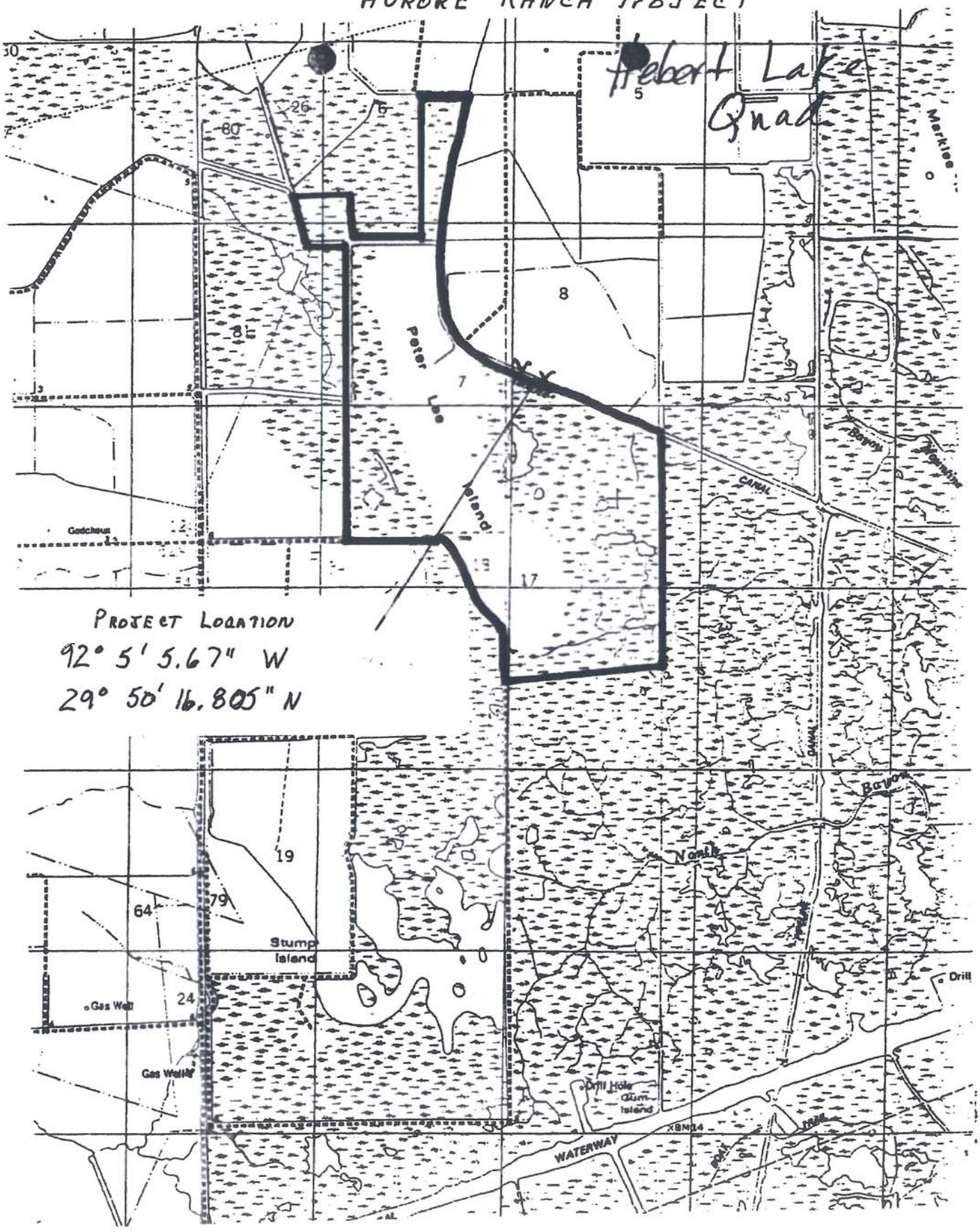
1) P20120181 Final Plats 07/16/2012

cc: Pete Serio, COE w/attachments
Dave Butler, LDWF w/attachments
Stephen Broussard, LED w/attachments
Jessica Diez, OCM w/attachments
Charlie Mestayer, OCM/FI w/attachments



Vermilion Parish
Vicinity Map

AURORE RANCH PROJECT

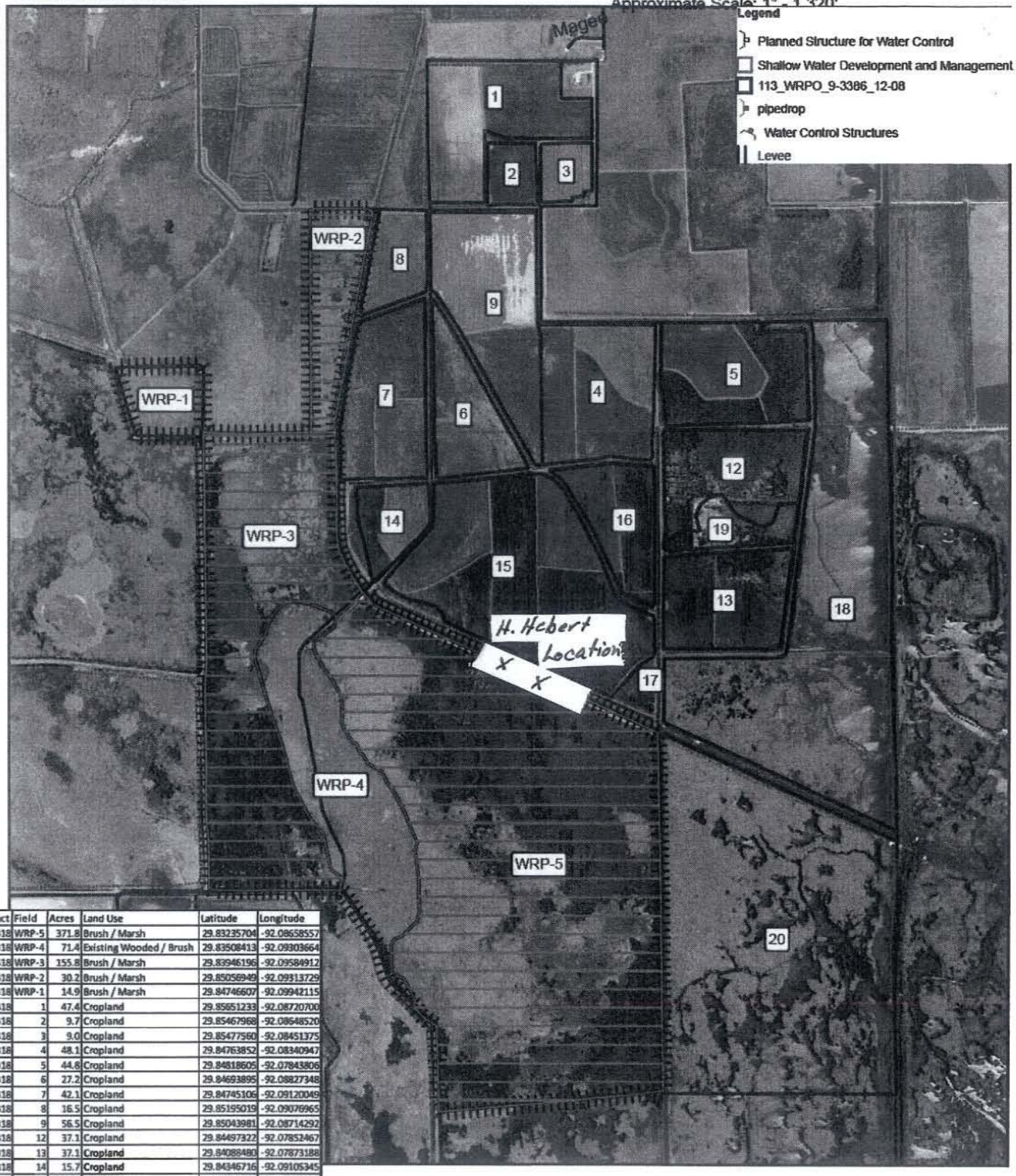


Conservation Plan Map

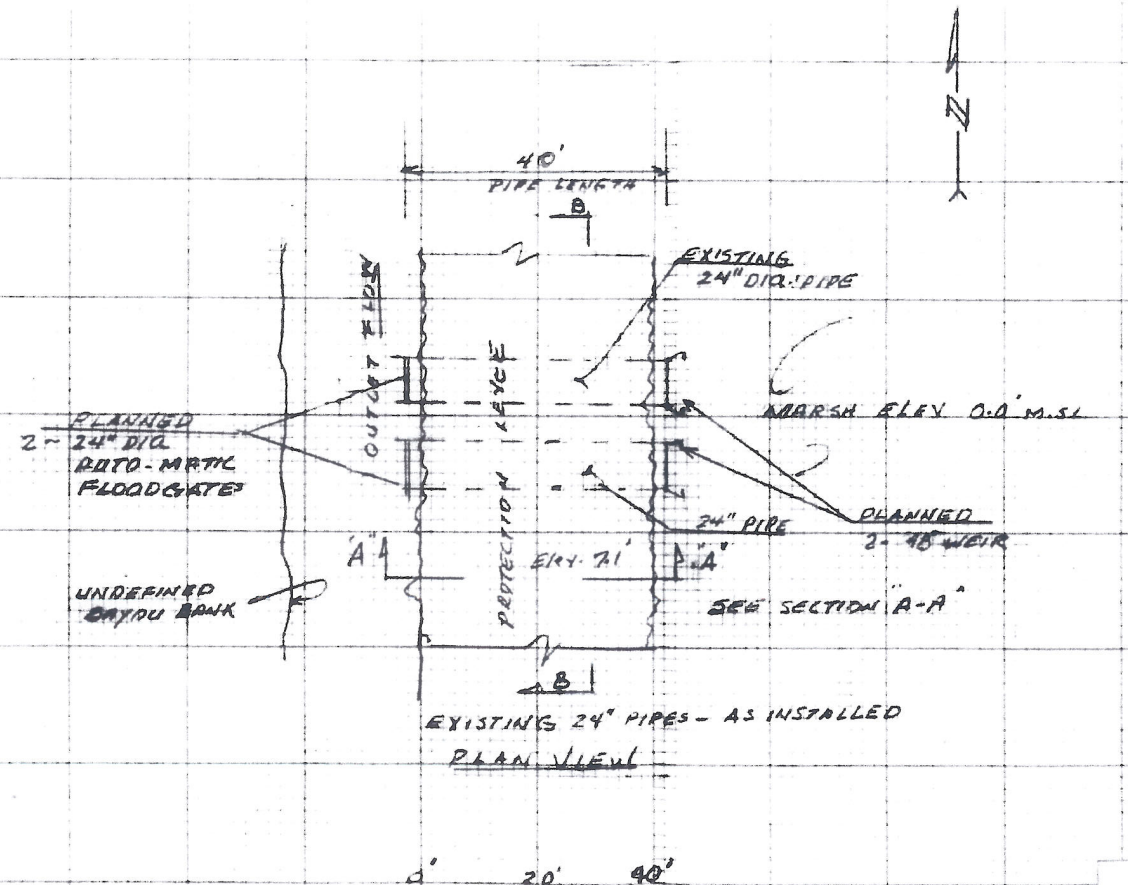
Customer(s): AURORE RANCH
District: VERMILION SOIL & WATER CONSERVATION DISTRICT
Approximate Acres: 641.6
WRP# 66-7217-9-3386

Date: 7/29/2010
Field Office: ABBEVILLE SERVICE CENTER
Agency: NRCS / Vermilion SWCD
Assisted By: D. Charles Stemmans II
Approximate Scale: 1" = 1,320'

N



Tract	Field	Acres	Land Use	Latitude	Longitude
3318	WRP-5	371.8	Brush / Marsh	29.83235704	-92.08658557
3318	WRP-4	71.4	Existing Wooded / Brush	29.83508413	-92.09303664
3318	WRP-3	155.8	Brush / Marsh	29.83946196	-92.09584912
3318	WRP-2	30.2	Brush / Marsh	29.85056949	-92.09313729
3318	WRP-1	14.9	Brush / Marsh	29.84746607	-92.09942115
3318	1	47.4	Cropland	29.85651233	-92.08720700
3318	2	9.7	Cropland	29.85467968	-92.08648520
3318	3	9.0	Cropland	29.85477560	-92.08451375
3318	4	48.1	Cropland	29.84763852	-92.08340947
3318	5	44.6	Cropland	29.84818605	-92.07843806
3318	6	27.2	Cropland	29.84693895	-92.08827348
3318	7	42.1	Cropland	29.84745106	-92.09120049
3318	8	16.5	Cropland	29.85195019	-92.09076965
3318	9	56.5	Cropland	29.85043981	-92.08714292
3318	12	37.1	Cropland	29.84497322	-92.07852467
3318	13	37.1	Cropland	29.84088480	-92.07873188
3318	14	15.7	Cropland	29.84346716	-92.09105345
3318	15	107.8	Cropland	29.84155948	-92.08611057
3318	16	26.7	Cropland	29.84348116	-92.08260376
3318	17	107.9	Headlands & Odd Areas	29.85605827	-92.08472212
3318	18	175.6	Wildlife	29.84057613	-92.07518700
3318	19	12.8	Cropland	29.84320188	-92.07841307
3318	20	225.7	Wildlife	29.82993248	-92.07713422
		1691.8	Total		



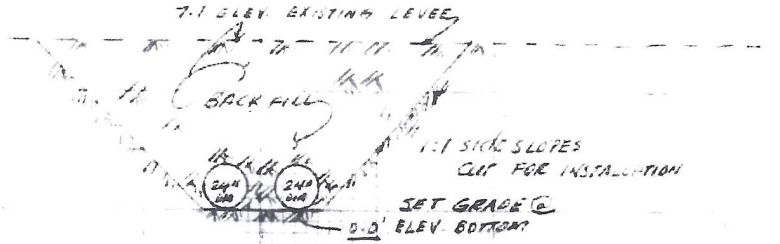
AURORE RANCH
PROPOSED REVISION
FLAP GATE / CREST WEIR

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

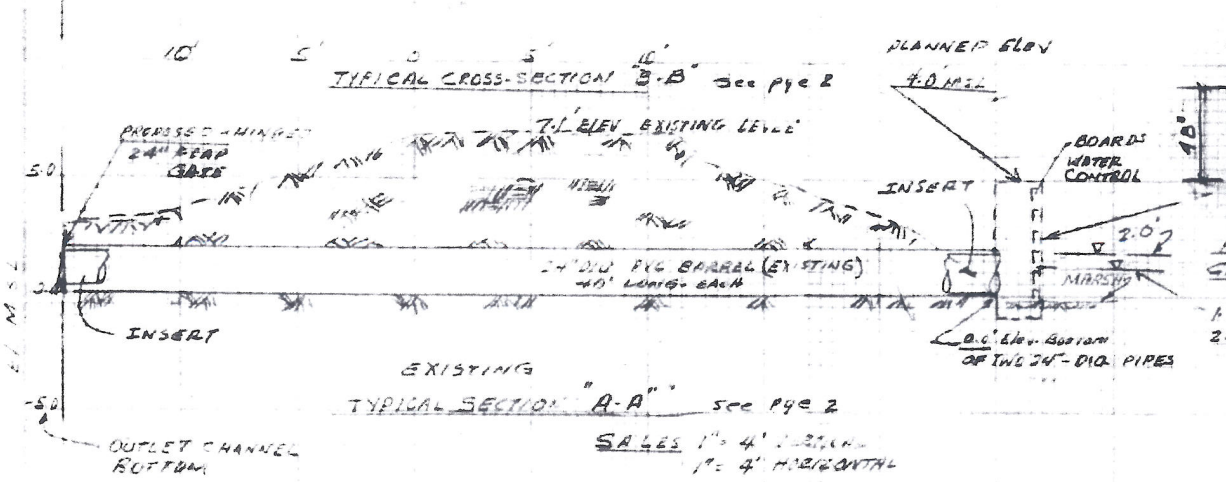
ROAL LATIOLAIS 2/27/12

2
2

SEE SECTION



TYPICAL CROSS-SECTION "B-B" See Pge 2



EXISTING
TYPICAL SECTION "A-A" See Pge 2

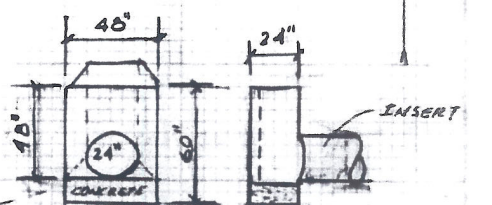
SCALES 1" = 4' VERTICAL
1" = 4' HORIZONTAL

0 5' 10' 15' 20' 25' 30' 35' 40'

SCOPE OF WORK

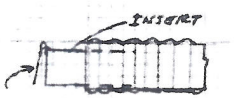
REVISION TO EXISTING SECONDARY WATER CONTROL STRUCTURE - AS SHOWN

1. INSTALL TO EXISTING 24" PIPE ON THE OUTLET END A 24" AUTO-MATIC FLAP GATE
2. INSTALL TO EXISTING 24" PIPE ON THE INLET END (MARSH SIDE) A 48" WIDE BY 48" HIGH VARIABLE CREST WEIR



FRONT VIEW CREST WEIR SIDE VIEW

1.3' Mean Low Water
2.0 Mean High Water



24" FLOODGATE

HURDLE RANCH
PROPOSED REVISION (ONLY)
FLAP GATE / CREST WEIR

SCALE: AS SHOWN

RON LATIOLAIS 2-9-11

Operational Schedule for Water-Control Structures

Revision 2 completed on July 10, 2012 by Michael Tullos, Soil Conservationist, NRCS

Project Goals: The proposed project, once implemented will serve to create suitable habitat for migratory waterfowl for five years beginning in the year 2012 and terminating in 2016.

Practice Definitions:

F-1- Shallow water (Average of 6 inches to 10 inches) Development and Management. Existing vegetation will be left standing, winter flood by September 15 hold/maintain until January 30.

FE-5- Extend winter flooded conditions. Start February 1 and hold/maintain until June 1.

Schedule

Year 1

September 15- Initiate F-1, hold/maintain water (until January 30).

Structure Settings: Interior stop-logs placed at a +6 inches, flap-gate operating.

October-F-1

November-F-1

December-F-1

January-End of F-1

Year2

February 1-Initiate FE-5 extension of F-1, hold/maintain water (until June 1)

Structure Settings: Same as F-1-Interior stop-logs placed at a +6 inches, flap-gate operating.

March-FE-5

April-FE-5

May-FE-5

June –End of FE-5

Structure Settings: All interior stop-logs removed, flap locked open (drawdown) *

Year 2 (Continued)

July-No practice –Structure Settings: All interior stop-logs removed, flap locked open*

August-No practice-Structure Settings: All interior stop-logs removed, flap locked open*

September 15- Initiate F-1, hold/maintain water (until January 30.)

Structure settings: Interior stop-logs placed at +6 inches, flap-gate operating.

This scenario will be duplicated for each year until the year of 2016, when the contract will terminate.

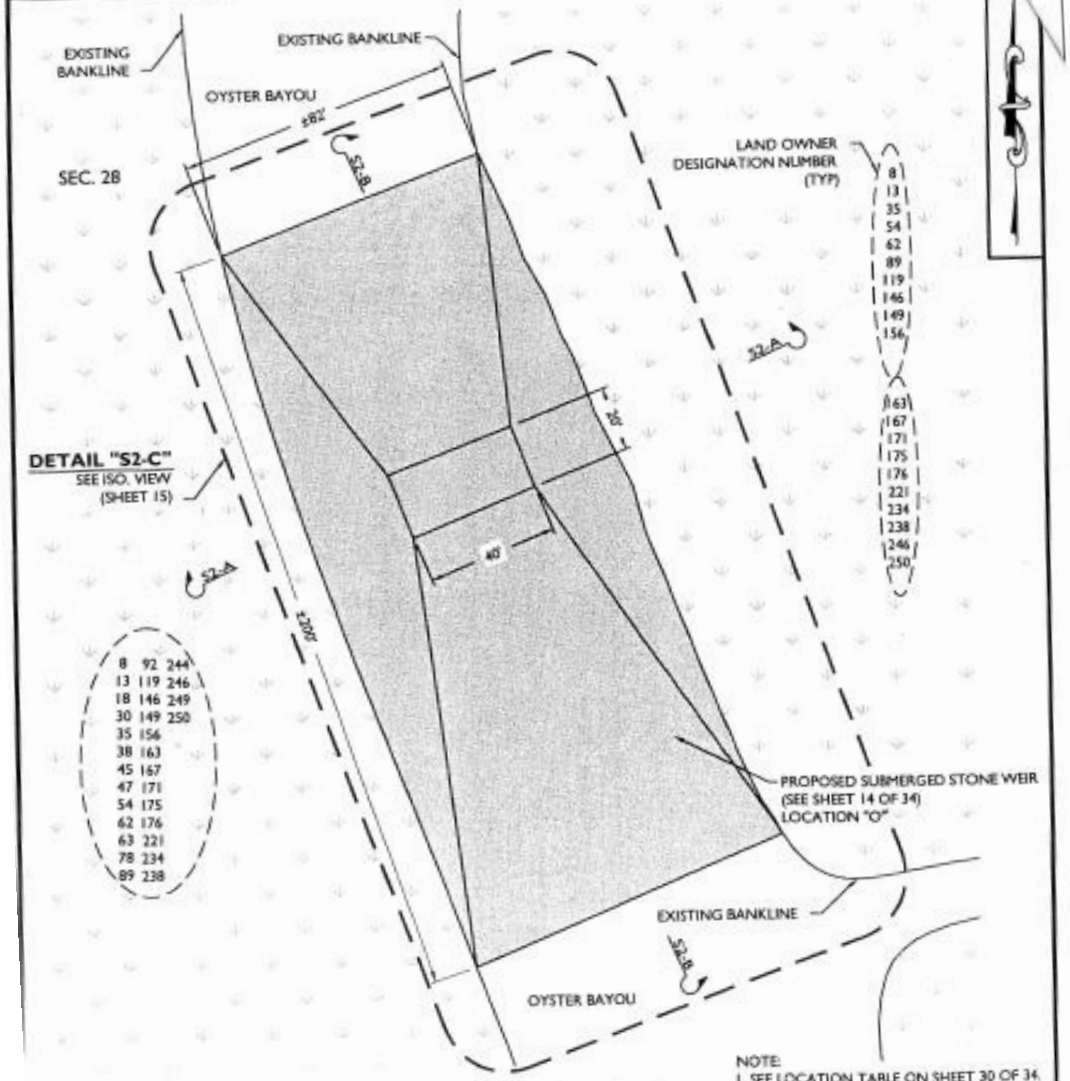
***Note:** Safety feature of closing the exterior flap-gate if salinity of tidal water exceeds target set for interior of wetland (maintained for a "intermediate" class wetland).

NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR ACQUISITION OF REGULATORY PERMITS.

REVISED: 03-29-2005
05-11-2005

SHEET 13 OF

T. 14 S. R. 10 W.



NOTE:
1. SEE LOCATION TABLE ON SHEET 30 OF 34.

PREPARED BY:

LONNIE G. HARPER
and Associates, Inc.
POST OFFICE BOX 329 GRAND CHENIER, LOUISIANA 70643

PROPOSED FRESHWATER INTRODUCTION PROJECT
IN THE OYSTER LAKE AREA
CAMERON PARISH, LOUISIANA

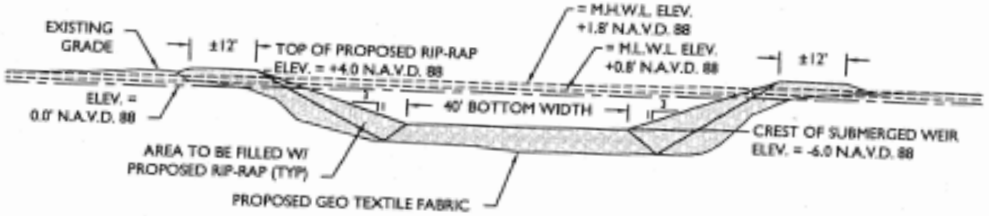
APPLICATION BY: GRAVITY DRAINAGE DISTRICT NO. 7
DATE: 10/29/2003 205 MIDDLE RIDGE RD. CAMERON, LA 70631

DETAIL "S2-1"

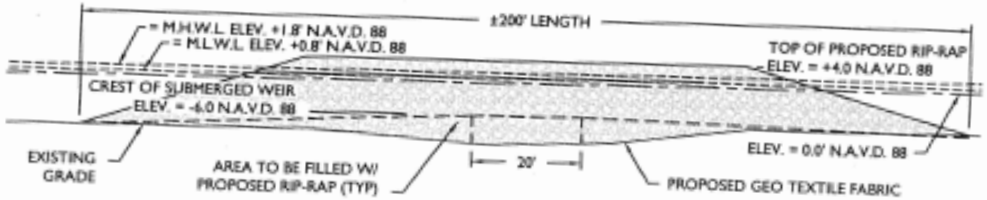
0 40
SCALE IN FEET

NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR ACQUISITION OF REGULATORY PERMITS.

REVISED: 03-29-2005
05-11-2005



SECTION "S2-A"
SCALE: 1" = 25'



PROFILE "S2-B"
SCALE: 1" = 25'

PREPARED BY:

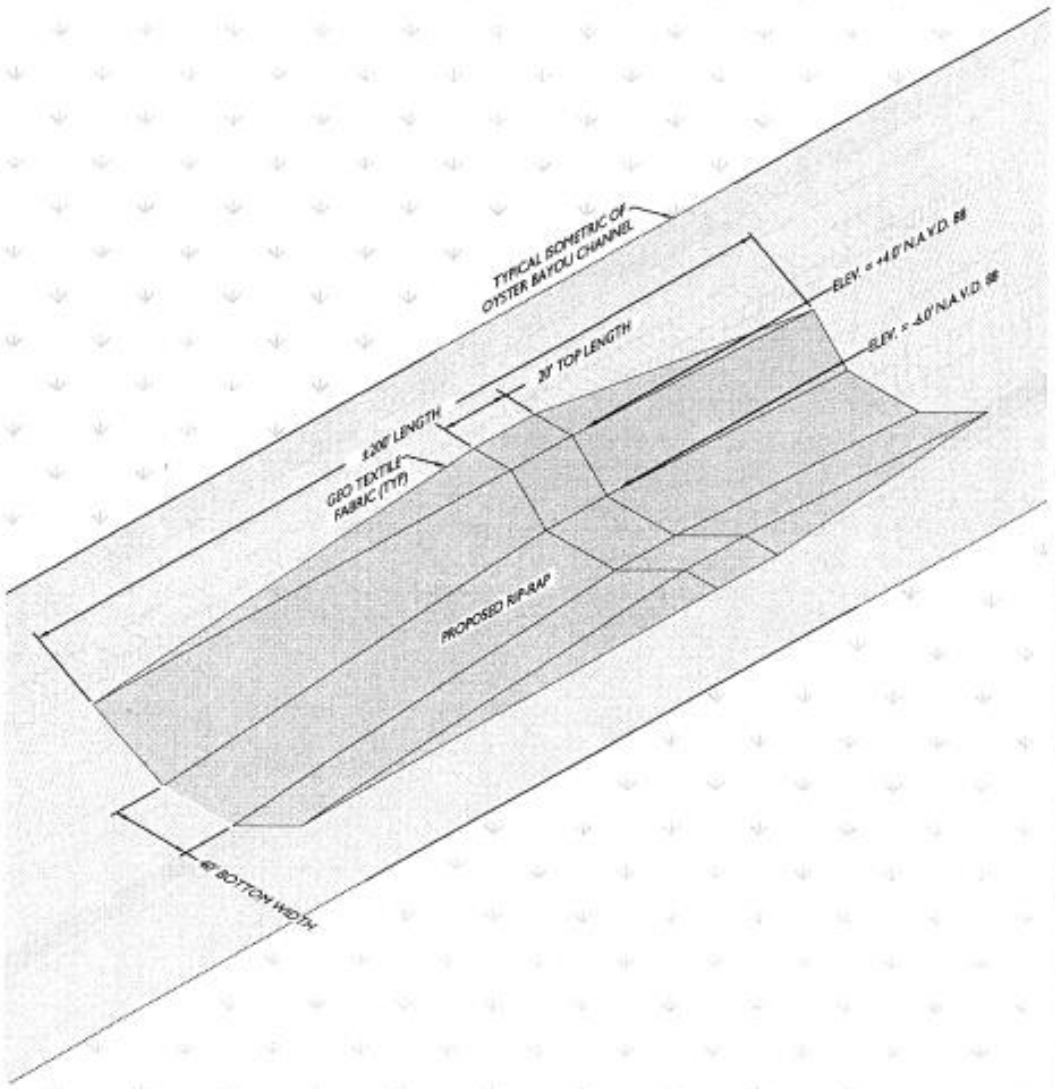
PROPOSED FRESHWATER INTRODUCTION PROJECT
IN THE OYSTER LAKE AREA
CAMERON PARISH, LOUISIANA

SECTIONS

NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR ACQUISITION OF REGULATORY PERMITS.

REVISED: 03-29-2005
05-11-2005

SHEET 15 OF



PREPARED BY:

LONNIE G. HARPER
and Associates, Inc.

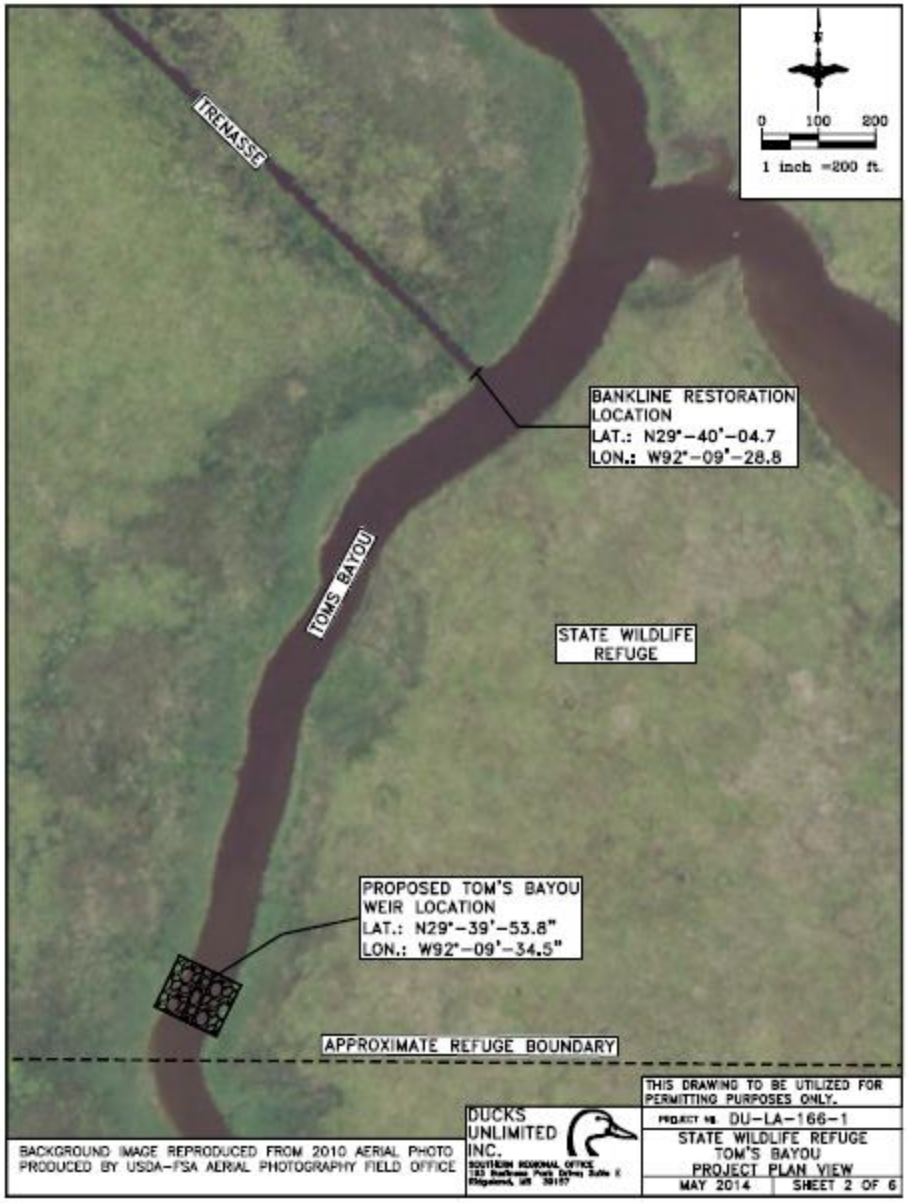
PROPOSED FRESHWATER INTRODUCTION PROJECT
IN THE OYSTER LAKE AREA
CAMERON PARISH, LOUISIANA

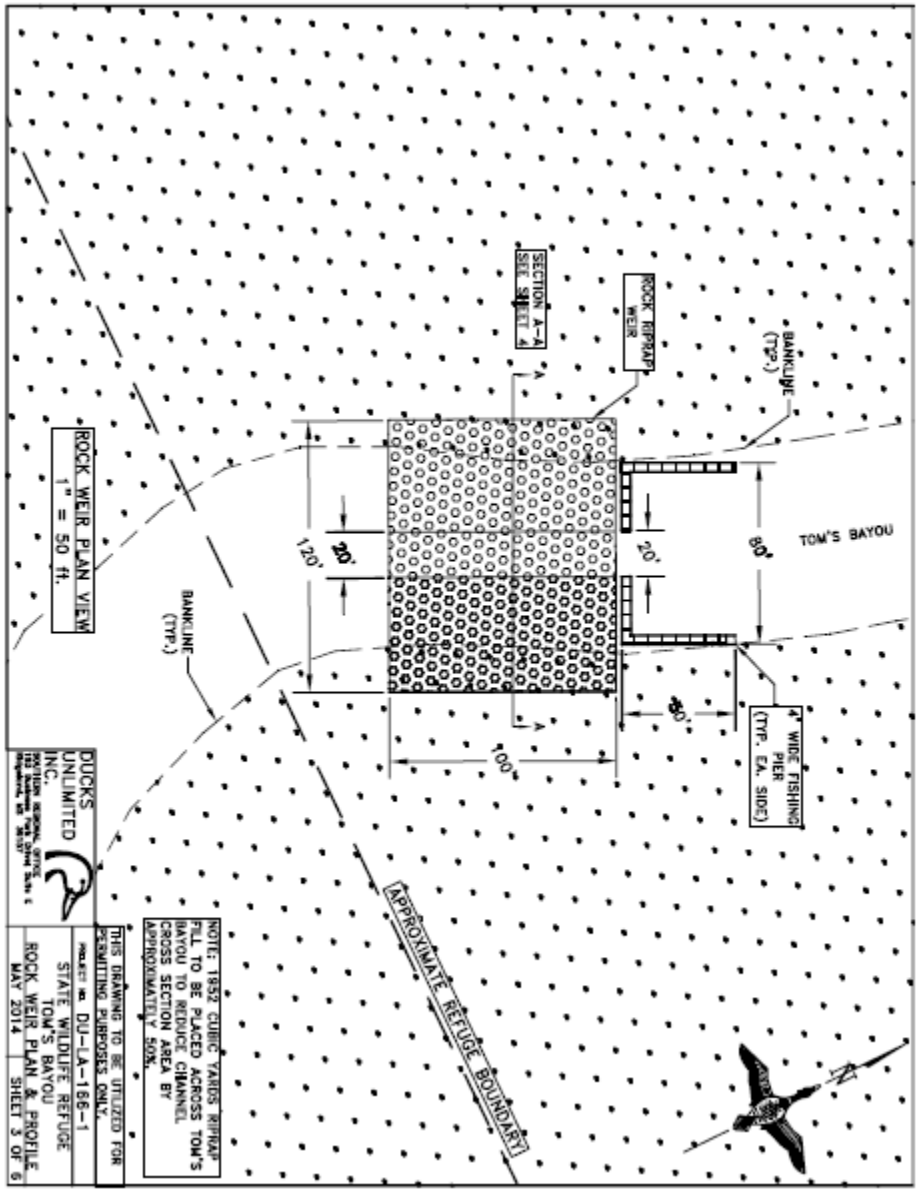
APPLICATION BY: GRAVITY DRAINAGE DISTRICT NO. 7

ISOMETRIC "S2-C"

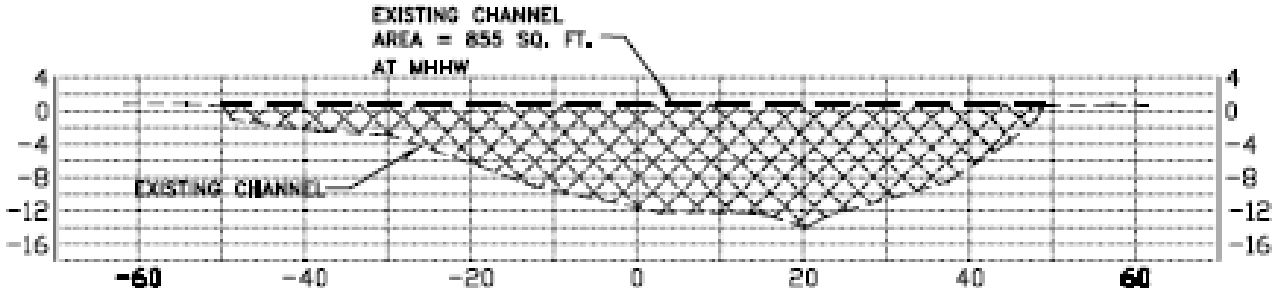
SCALE: N.T.S.

- April 10, 2014 Meeting with RCA and DU
- May 16, 2014 Updated permit plats from DU

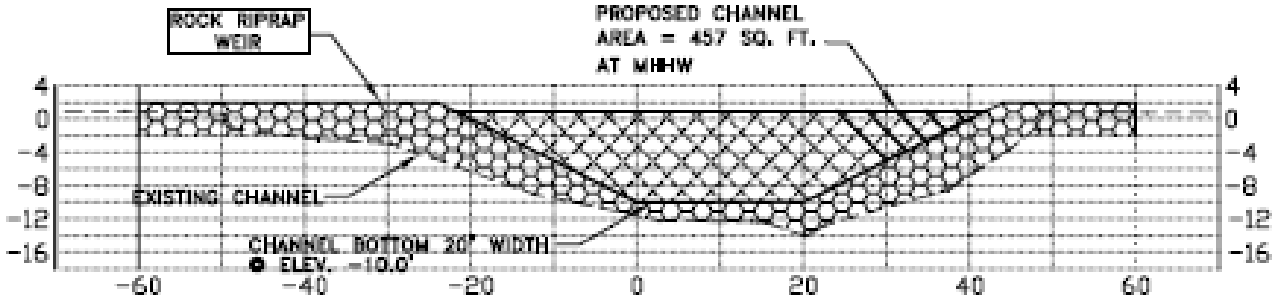




**MHHW: +0.91
**MLLW: -1.25
**ELEVATIONS ARE NAVD88 AND BASED ON TIDE GAGE AT FRESHWATER BAYOU LOCK



RIPRAP WEIR
EXISTING CHANNEL SECTION A-A



RIPRAP WEIR
PROPOSED CHANNEL SECTION A-A

NOTES:
1. 1952 CUBIC YARDS RIPRAP FILL TO BE PLACED ACROSS TOM'S BAYOU TO REDUCE CHANNEL CROSS SECTION AREA BY APPROXIMATELY 50%.

2. PROPOSED CHANNEL TYPICAL SECTION IS 20' BOTTOM WIDTH AT -10.0' ELEVATION AND 2:1 SIDE SLOPES.

THIS DRAWING TO BE UTILIZED FOR PERMITTING PURPOSES ONLY.

DUCKS UNLIMITED INC.
SOUTHERN REGIONAL OFFICE
182 Shoebox Park Drive Suite C
Ridgeland, MS 39157

PROJECT NO. DU-LA-166-1

STATE WILDLIFE REFUGE
TOM'S BAYOU
ROCK WEIR TYPICAL SECTION

MAY 2014 | SHEET 4 OF 6

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT
P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487

(225) 342-7591
1-800-267-4019

COASTAL USE AUTHORIZATION/CONSISTENCY DETERMINATION

C.U.P No.: **P20100736**

NAME : **JOHN REYNOLDS**
REYNOLDS, JOHN
405 CAMINO REAL RD.
LAFAYETTE, LA 70503

LOCATION: **Vermilion Parish, LA**
POB: Lat 29º 39' 27.5" N; Long -92º 23' 51.3" W; POE: Lat 29º 39' 24.0" N; Long -92º 22' 52.9" W; Section 32, T15S-R1E; Approximately 0.2 miles west of old Fire Station and 3.8 miles north of Hwy. 82 on Private Shale Rd., Pecan Island, LA.

DESCRIPTION: Proposed construction of 5,230' x 14' x 4.5' of levee, previously permitted/expired under CUP #P20010107, to enable the management of a ± 110 acre waterfowl pond within an existing pumped off pasture to enhance waterfowl and wading bird habitat. Proposed construction of levee will require approximately 9,375 cubic yards of excavation/fill. Proposed project also includes the installation of a 30' x 24" drainage pipe, the construction of two (2) 30' earthen ramps to provide levee access resulting in approximately 53 cubic yards of excavation/fill, the clean out/maintenance of existing pump-off canals, and repairs to the existing levee on southside of property.

Pursuant to the State and Local Coastal Resources Management Act of 1978, as amended (La. R.S. 49:214.34.A), the proposed activity is exempt and a Coastal Use Permit is not required.

This determination is valid for two (2) years from the date of this letter. If the proposed activity is not initiated within this two year period, this determination will expire and the applicant will be required to submit a new application. The applicant will notify the Office of Coastal Management of the date on which initiation of the proposed activity began by entering a commencement date through the online system, or by mailing said information to OCM. This determination does not eliminate the need to obtain a permit from the United States Army, Corps of Engineers or any other Federal, state, or local approval, that may be required by law.

This determination has been made on the basis of information provided by your application. If it is later established that you furnished erroneous data, you may be directed to alter or modify your plans, to remove structures you have installed, and/or to restore the work area to pre-project conditions at your own expense. If it is established that you knowingly furnished erroneous data, you could also be subject to legal action.

The drawings submitted with your referenced application are attached hereto and made a part of the record. If you have any questions regarding this authorization, please contact our office (225) 342-7591 or (800) 267-4019.

******* End of Determination *******

By accepting this determination the applicant agrees to its terms and conditions.

I affix my signature and issue this determination this 6th day of July, 2010.

DEPARTMENT OF NATURAL RESOURCES

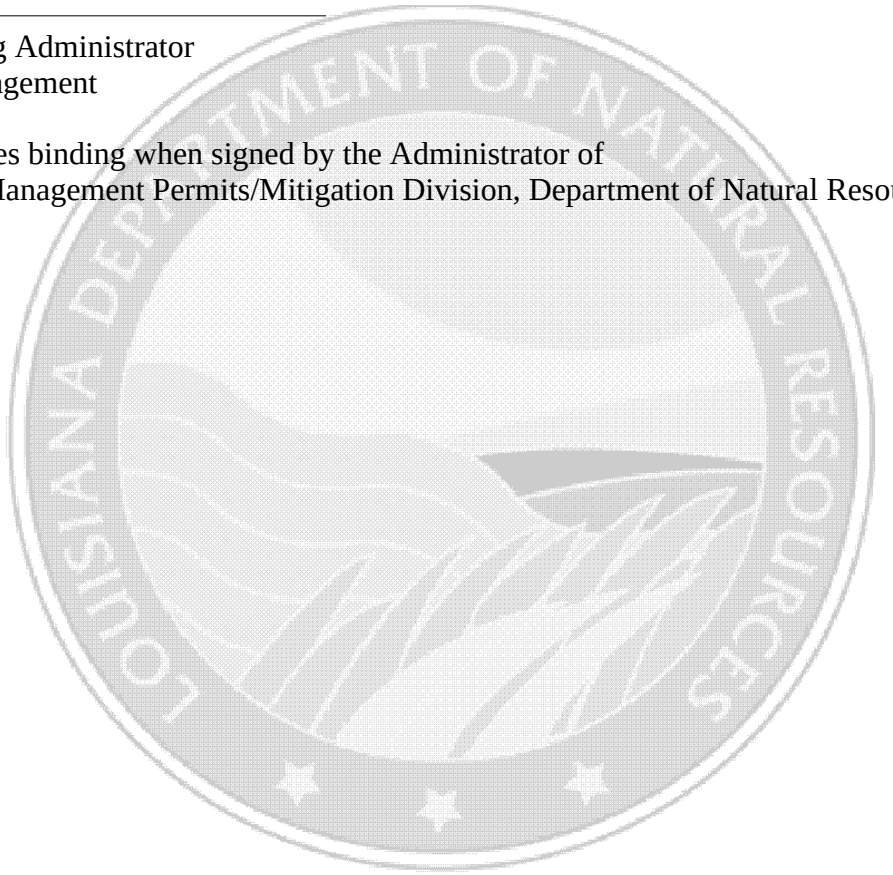
Karl L Morgan

_____

Karl L. Morgan, Acting Administrator
Office of Coastal Management

This agreement becomes binding when signed by the Administrator of
the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

Attachments

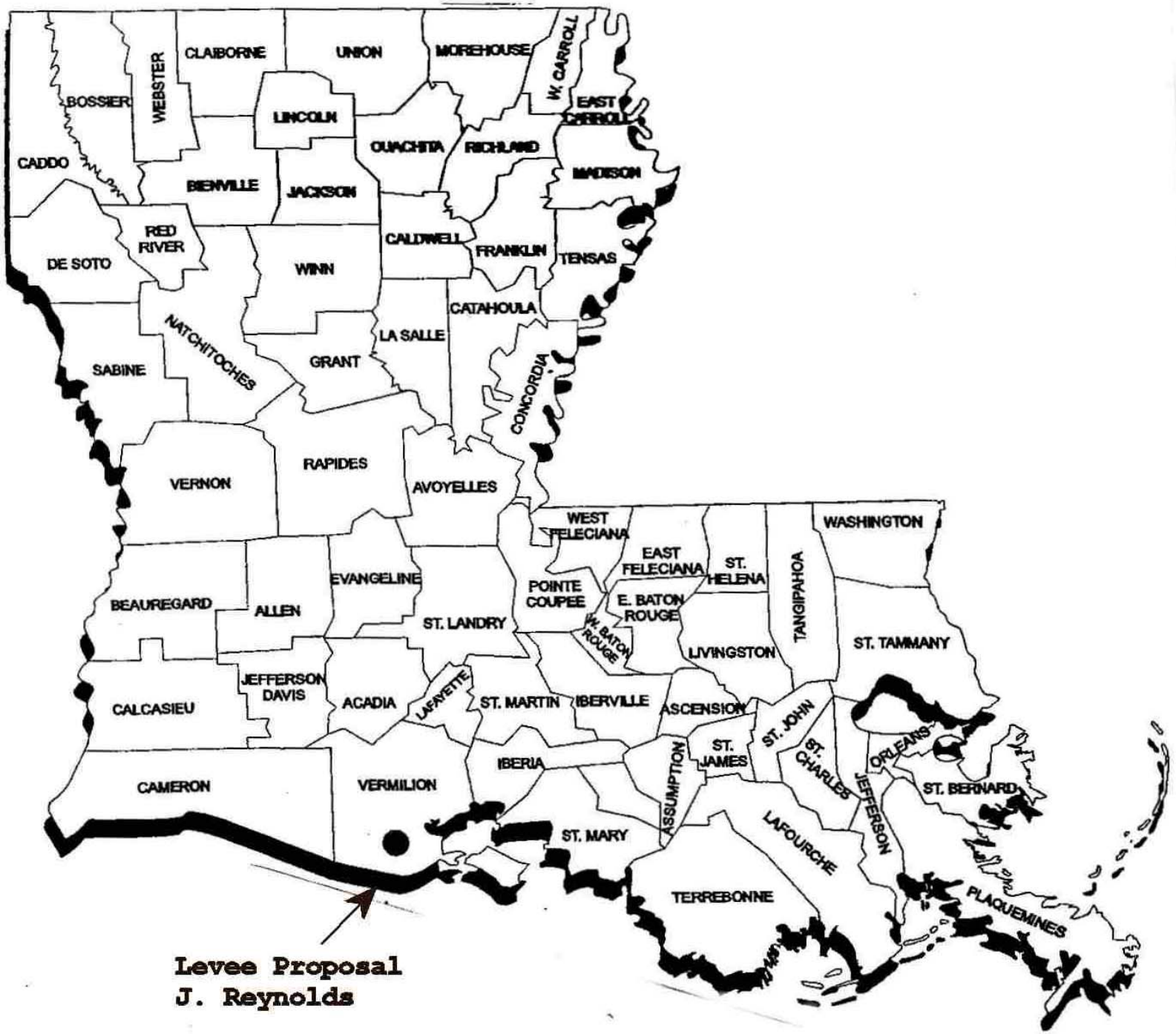


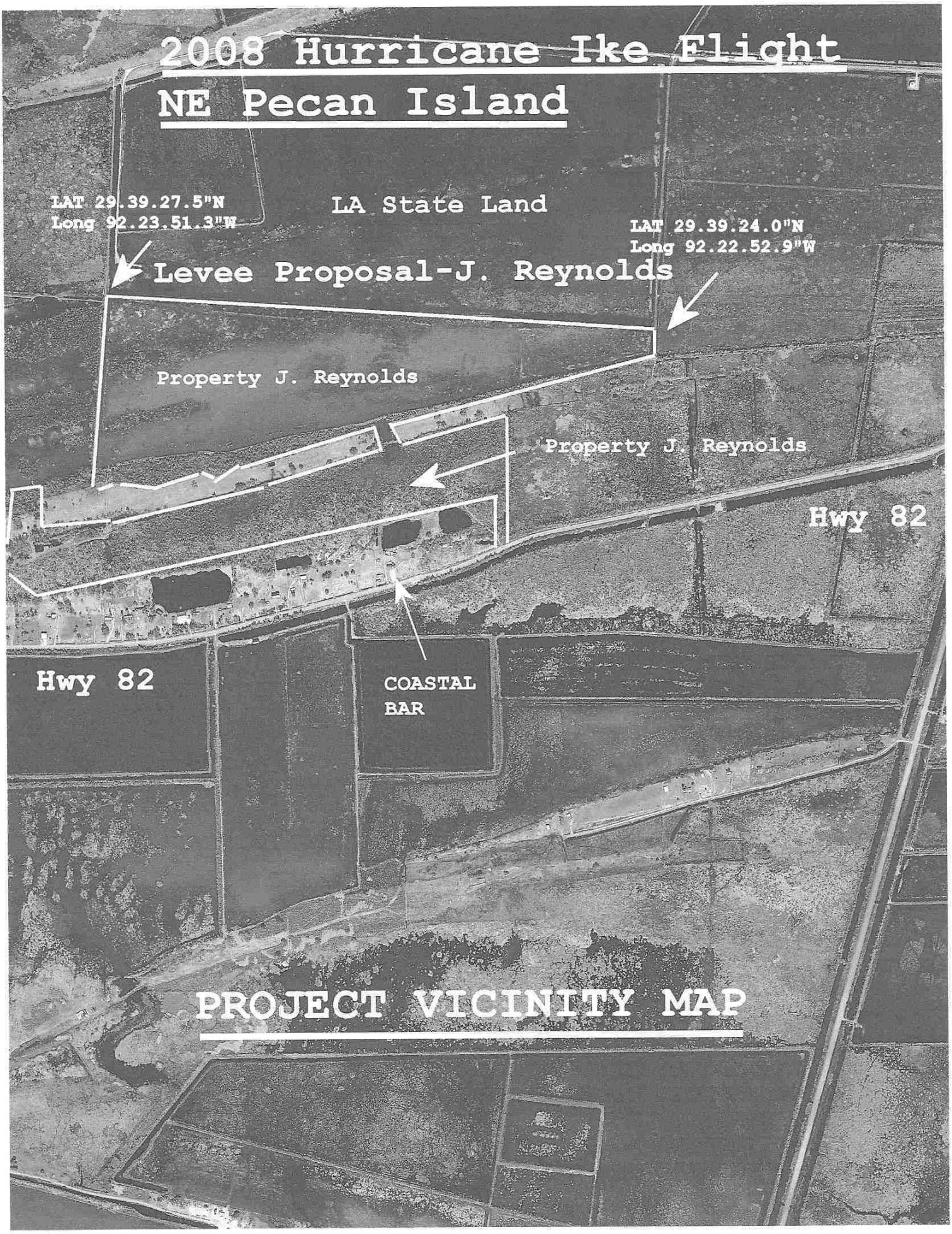
Final Plats:

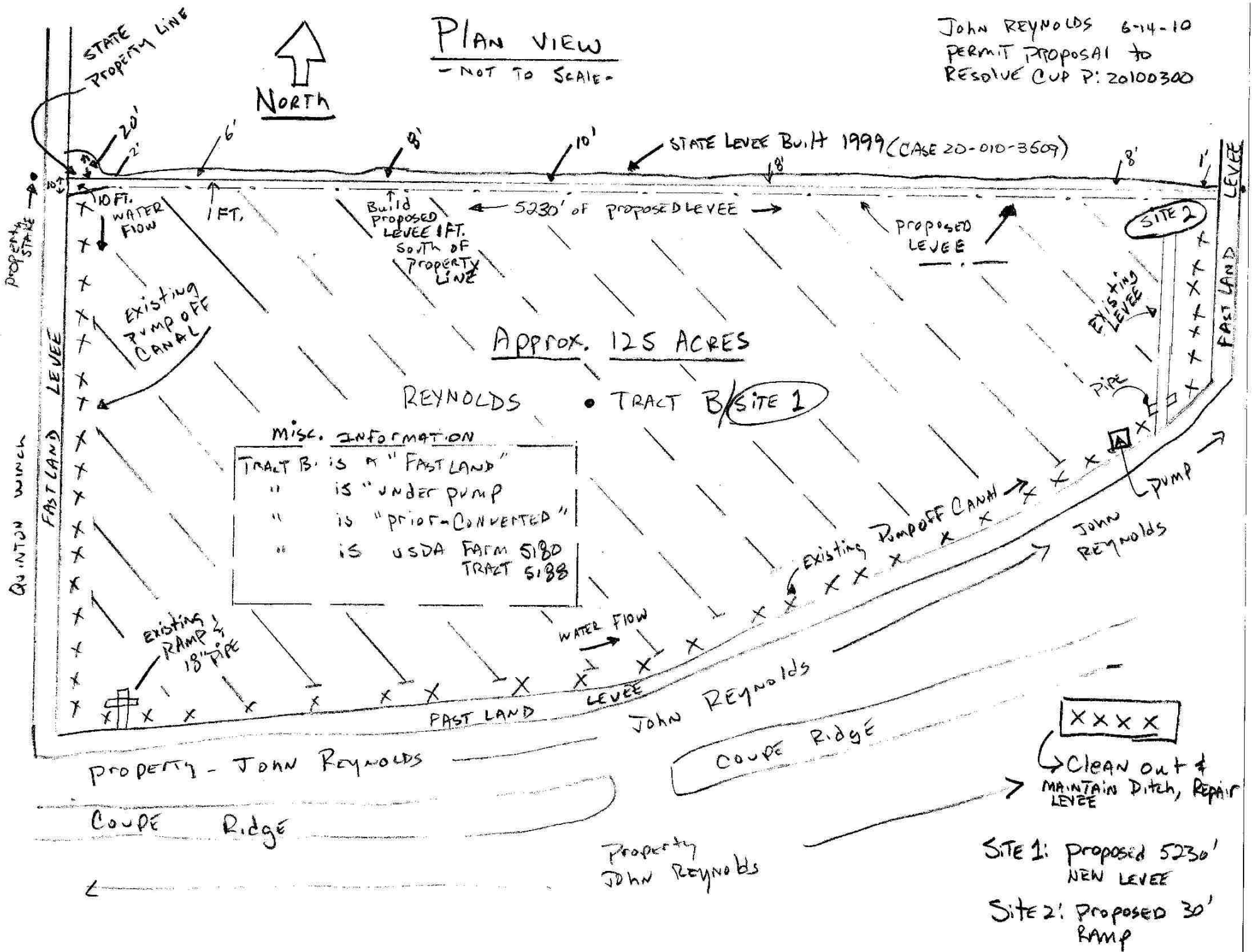
1) P20100736 Final Plats 06/16/2010

cc: Pete Serio, COE w/attachments
Dave Butler, LDWF w/attachments
Stephen Broussard, LED w/attachments
Peggy Rooney, OCM w/attachments
Charlie Mestayer, OCM/FI w/attachments

VICINITY MAP

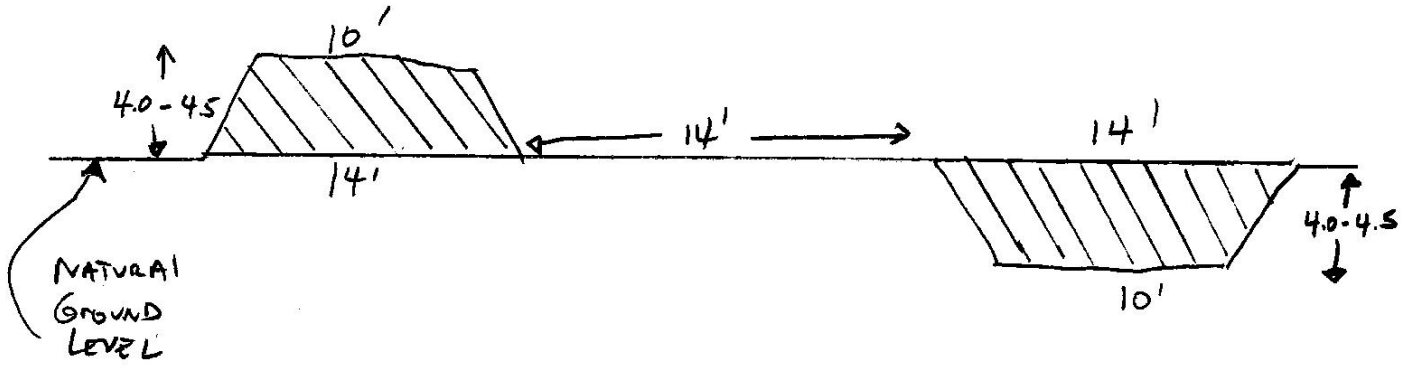



2008 Hurricane Ike Flight
NE Pecan Island
LAT 29.39.27.5"N
Long 92.23.51.3"W
LA State Land
LAT 29.39.24.0"N
Long 92.22.52.9"W
Levee Proposal-J. Reynolds
Property J. Reynolds
Property J. Reynolds
Hwy 82
Hwy 82
COASTAL
BAR
PROJECT VICINITY MAP


PLAN VIEW
- NOT TO SCALE -
JOHN REYNOLDS 6-14-10
PERMIT PROPOSAL to
RESOLVE CUP P: 20100300
NORTH
STATE PROPERTY LINE
20'
2'
6'
8'
10'
STATE LEVEE BUILT 1999 (CASE 20-010-3609)
8'
1'
EAST LAND LEVEE
10 FT. WATER FLOW
1 FT.
Build proposed LEVEE 1 FT. South of PROPERTY LINE
5230' of proposed LEVEE
proposed LEVEE
SITE 2
EXISTING LEVEE
PIPE
EXISTING PUMP OFF CANAL
Approx. 125 ACRES
REYNOLDS • TRACT B/SITE 1
MISC. INFORMATION
TRACT B is a "FAST LAND"
" is "UNDER PUMP
" is "prior-CONVERTED"
" is USDA FARM 5180 TRACT 5188
QUINTON WINCH
EAST LAND LEVEE
EXISTING RAMP & 18" PIPE
WATER FLOW
EXISTING PUMP OFF CANAL
PUMP
JOHN REYNOLDS
EAST LAND LEVEE
JOHN REYNOLDS
XXXX
Clean out & MAINTAIN Ditch, Repair LEVEE
PROPERTY - JOHN REYNOLDS
COUPE RIDGE
COUPE RIDGE
Property JOHN REYNOLDS
SITE 1: Proposed 5230' NEW LEVEE
SITE 2: Proposed 30' RAMP

John Reimers 6-14-10

Typical Levee Cross Section - Tract B - Site 1

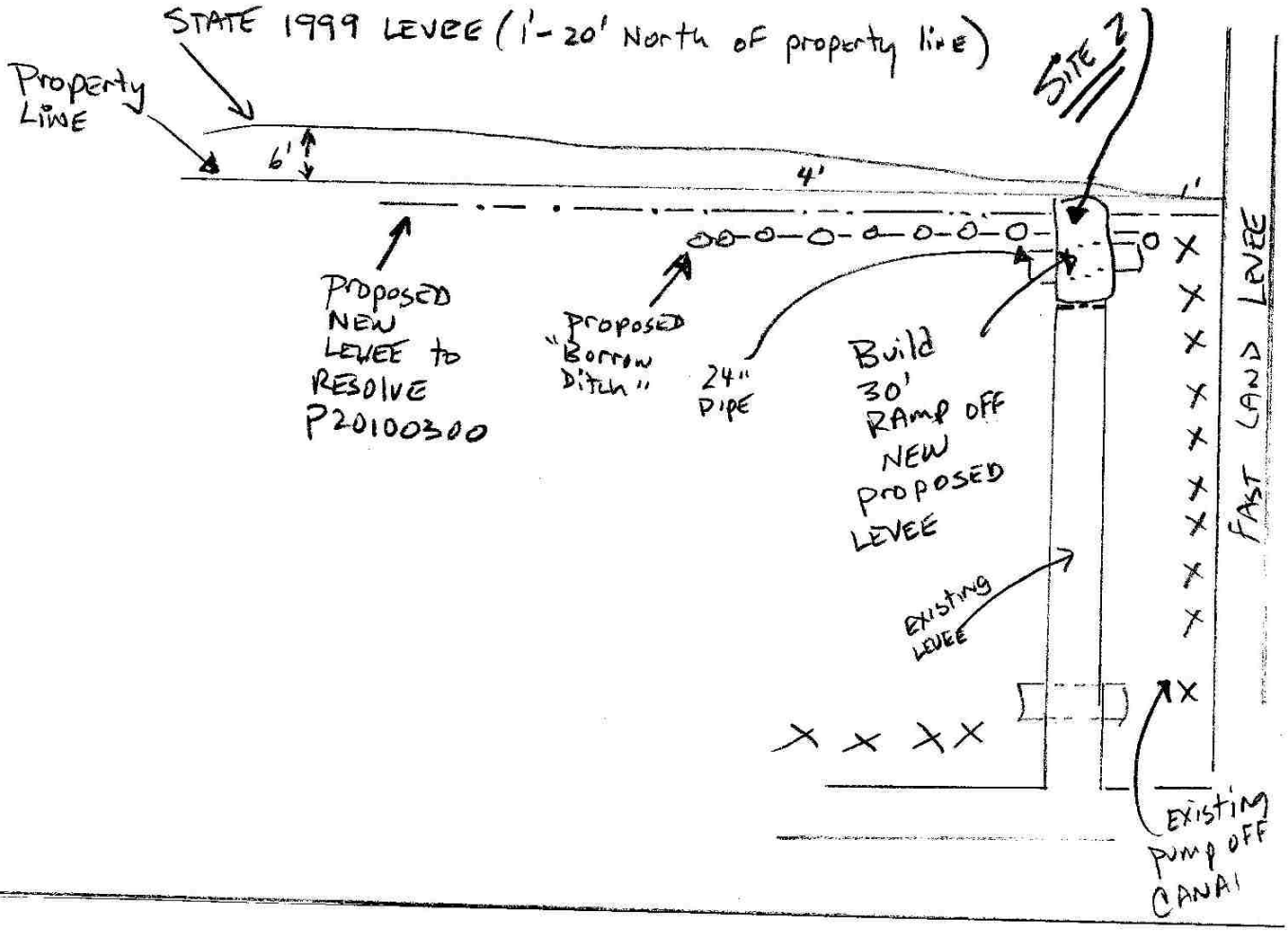


Approx 5230' Proposed levee = Approx. 9287 c/yds.

JOHN REYNOLDS
6-14-10

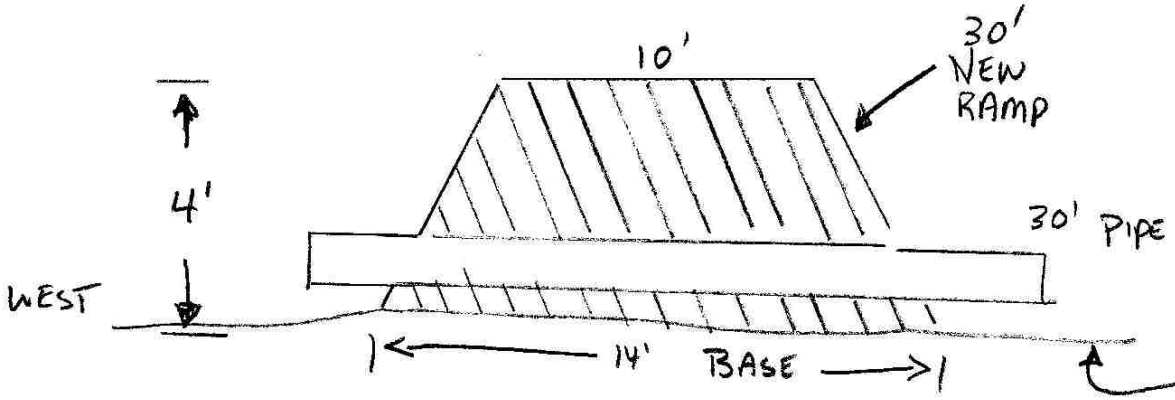
PLAN VIEW - Site 2 - 30 Ft. RAMP

- Not to scale -



Cross SECTION - Site 2 CONT.

NOT TO SCALE



- Approx 30' RAMP = 53 c/yds.

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT

P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: **P20110617**

C.O.E. No.: **MVN- 2011- 02263- WLL**

NAME: **FORKED ISLAND SPORTS CLUB, LLC**
PO BOX 61276
LAFAYETTE, LA 70596
Attn: Duane Delhomme

LOCATION: **Vermilion Parish, LA**
Forked Island, Section 16 T14S-R2E. Levee restoration P.O.B. at Lat 29º 49' 51.84"N / Long -92º 15' 40.01"W, and P.O.E. at Lat 29º 49' 04.18"N / Long -92º 15' 59.06"W. Proposed flap gate at Lat 29º 49' 51.84"N / Long -92º 15' 39.28"W, and at Lat 29º 49' 31.56"N / Long -92º 15' 58.81"W.

DESCRIPTION: Proposed marsh management plan of approximately 244 acres. An existing levee will be restored for the purpose of enhancing wetland habitat in the area and two watercontrol structures will be replaced. Approximately 1,868 cubic yards of native material will be excavated from an existing borrow canal and placed on an existing damaged levee.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, and/or operate the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Office of Coastal Management of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Office of Coastal Management by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two years from the date of the signature of the Secretary or his designee. If the coastal use is not initiated within this two year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for the purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith, and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

a. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

b. Permittee shall, prior to commencement of the herein permitted activities, contact Rhonda Braud (phone: 225-342-4553, email: rhonda.braud@la.gov) to determine if a construction permit will be required from the local levee district.

c. All logs, stumps and other debris encountered during dredging activities shall be removed from the site during or immediately after the activity and disposed of in accordance with all applicable laws and regulations.

d. That permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary treatment (30 mg/l BOD5) with disinfection prior to discharge into any of the streams or adjacent waters of the area or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.

e. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

f. All structures built under the authorization and conditions of this permit shall be removed from the site within 120 days of abandonment of the facilities for the herein permitted use, or when these structures fall into a state of disrepair such that they can no longer function as intended. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for such removal activities.

g. The requirement for compensatory mitigation for impacts to marsh habitat resulting from the referenced project will be determined after one full growing season (March 1 to November 1) following the completion of the permitted activities. This assessment shall include both primary impacts and secondary impacts which may result from the permitted activities.

Permittee shall provide on-ground pre- and post-construction scaled photographic documentation at a scale that clearly shows the entire permitted work area. The pre- and post-construction photos should be at the same scale. The post-construction documentation shall be acquired (photos actually taken) and submitted within 60 days of the end of the first full growing season following completion of the project. Permittee shall notify OCM of the date of completion of permitted activities within 5 working days of completion.

If OCM determines that compensatory mitigation is required, permittee shall submit a compensatory mitigation plan for approval within 30 days of notification of the compensatory mitigation requirements by OCM. All necessary approvals shall be obtained for the compensatory mitigation plan and the plan shall be implemented as directed by OCM. Permittee should be aware that compensatory mitigation projects may be required to be maintained for as many as 20 years for marsh mitigation projects and 50 years for forested wetland mitigation projects. A processing fee will be assessed for the determination of compensatory mitigation requirements and evaluation of the proposed compensatory mitigation plan in accordance with LAC Title 43, Part I, Chapter 7, §724.D. This fee shall apply regardless of which compensatory mitigation option is selected and does not include the cost incurred to implement the required compensatory mitigation.

h. Dredged material shall be stacked no more than six (6) inches along the side slopes of the south levee, the east levee and the eastern one third of the north levee.

i. If the applicant finishes construction of all project features and begins active management within five (5) years from the date of the signature of the Secretary or his designee, this Coastal Use Permit will be valid for the life of the project for

management and maintenance activities. A new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

j. The applicant shall submit monitoring reports to the Louisiana Department of Natural Resources documenting the amount of emergent vegetation vs. open water in the area managed.

k. No equipment shall be used on the marsh.

l. Water management activities for this project shall be in accordance with the water management plan attached as part of the plats.

m. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.

n. Permittee shall allow representatives of the Office of Coastal Management or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.

o. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.

p. This permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D.). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

The expiration date of this permit is five (5) years from the date of the signature of the Secretary or his designee.

Upon expiration of this permit, a new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

********** End of Conditions **********

By accepting this permit the applicant agrees to its terms and conditions.

I affix my signature and issue this permit this 17th day of April, 2012.

THE DEPARTMENT OF NATURAL RESOURCES

Karl L. Morgan, Administrator
Office of Coastal Management

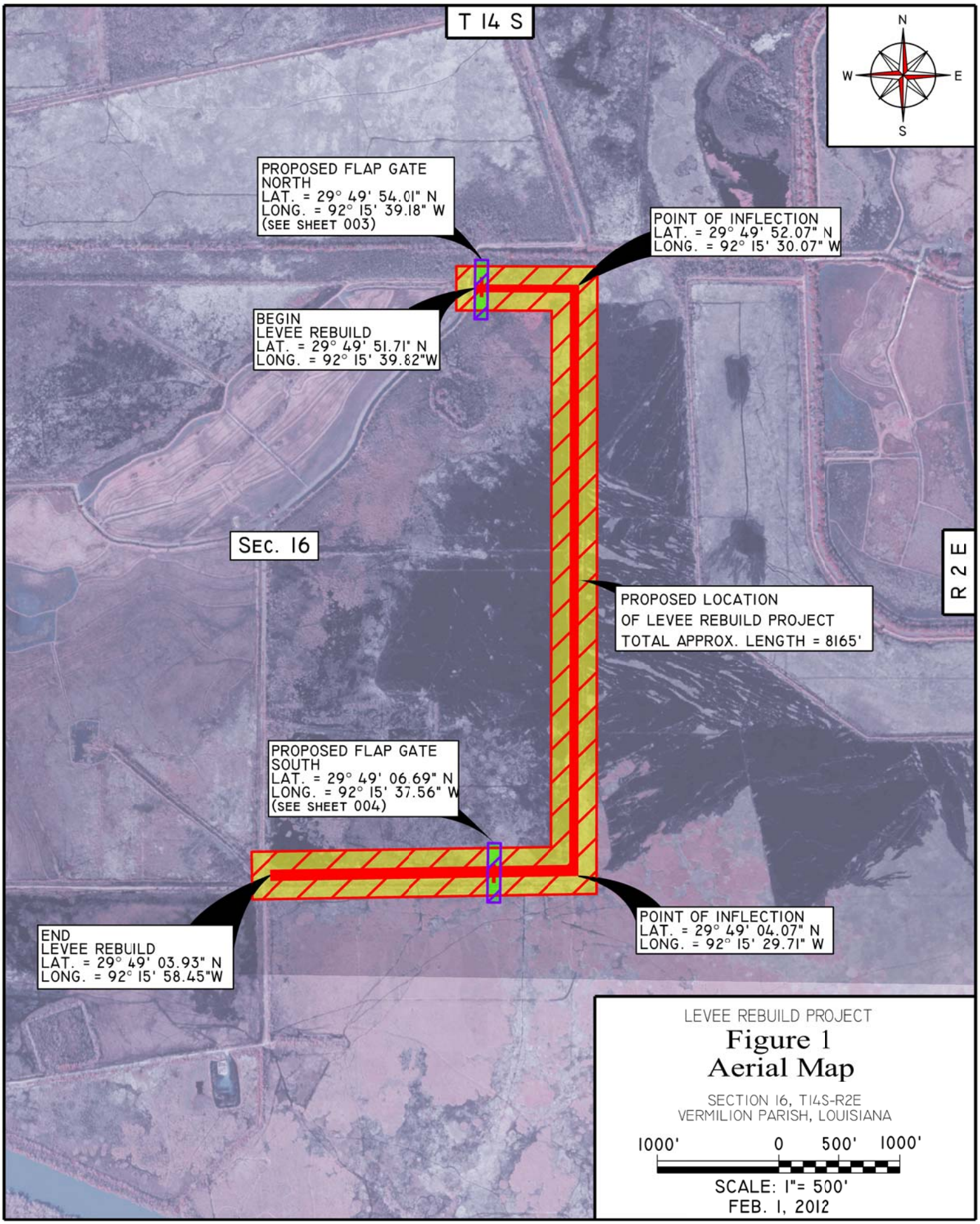
This agreement becomes binding when signed by Administrator of
the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

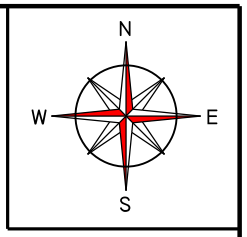
Attachments

Final Plats:

1) P20110617 Final Plats 02/27/2012

cc: Pete Serio, COE w/attachments
Dave Butler, LDWF w/attachments
Stephen Broussard, LED w/attachments
Jessica Diez, OCM w/attachments
Charlie Mestayer, OCM/FI w/attachments


T 14 S
N
W
E
S
PROPOSED FLAP GATE
NORTH
LAT. = 29° 49' 54.01" N
LONG. = 92° 15' 39.18" W
(SEE SHEET 003)
POINT OF INFLECTION
LAT. = 29° 49' 52.07" N
LONG. = 92° 15' 30.07" W
BEGIN
LEVEE REBUILD
LAT. = 29° 49' 51.71" N
LONG. = 92° 15' 39.82"W
SEC. 16
R 2 E
PROPOSED LOCATION
OF LEVEE REBUILD PROJECT
TOTAL APPROX. LENGTH = 8165'
PROPOSED FLAP GATE
SOUTH
LAT. = 29° 49' 06.69" N
LONG. = 92° 15' 37.56" W
(SEE SHEET 004)
END
LEVEE REBUILD
LAT. = 29° 49' 03.93" N
LONG. = 92° 15' 58.45"W
POINT OF INFLECTION
LAT. = 29° 49' 04.07" N
LONG. = 92° 15' 29.71" W
LEVEE REBUILD PROJECT
Figure 1
Aerial Map
SECTION 16, T14S-R2E
VERMILION PARISH, LOUISIANA
1000' 0 500' 1000'
SCALE: 1"= 500'
FEB. 1, 2012

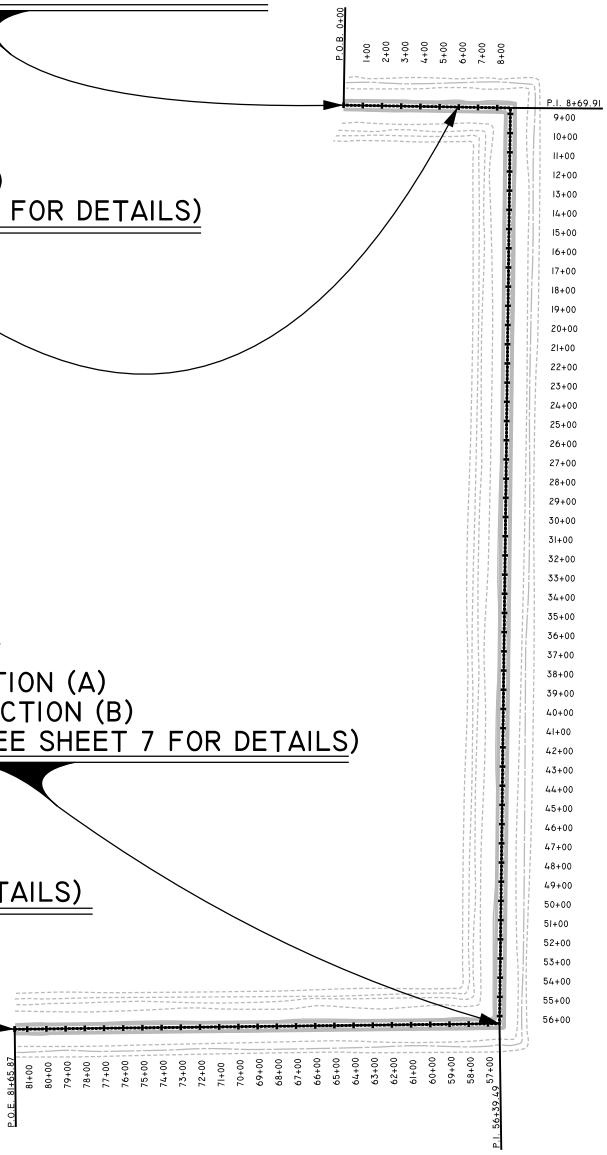


LEVEE ALIGNMENT
BEGIN TYPICAL SECTION (B)
STA. 0+00 (SEE SHEET 7 FOR DETAILS)

LEVEE ALIGNMENT
END TYPICAL SECTION (B)
BEGIN TYPICAL SECTION (A)
STA. 5+94.91 (SEE SHEET 7 FOR DETAILS)

LEVEE ALIGNMENT
END TYPICAL SECTION (A)
BEGIN TYPICAL SECTION (B)
STA. 56+39.49 (SEE SHEET 7 FOR DETAILS)

LEVEE ALIGNMENT
END TYPICAL SECTION (B)
STA. 81+65.87 (SEE SHEET 7 FOR DETAILS)



LEGEND
P.O.B. - POINT OF BEGINNING
P.I. - POINT OF INTERSECTION
P.O.E. - POINT OF END

NOTE:
1) ALL LINE WORK ON THIS SHEET IS APPROXIMATE.
2) ACCESS TO CONSTRUCTION AREA WILL BE BY FOOT ONLY. NO WATER ACCESS WILL TAKE PLACE.
3) SEE SHEET 007 FOR LEVEE REBUILD TYPICAL SECTIONS.

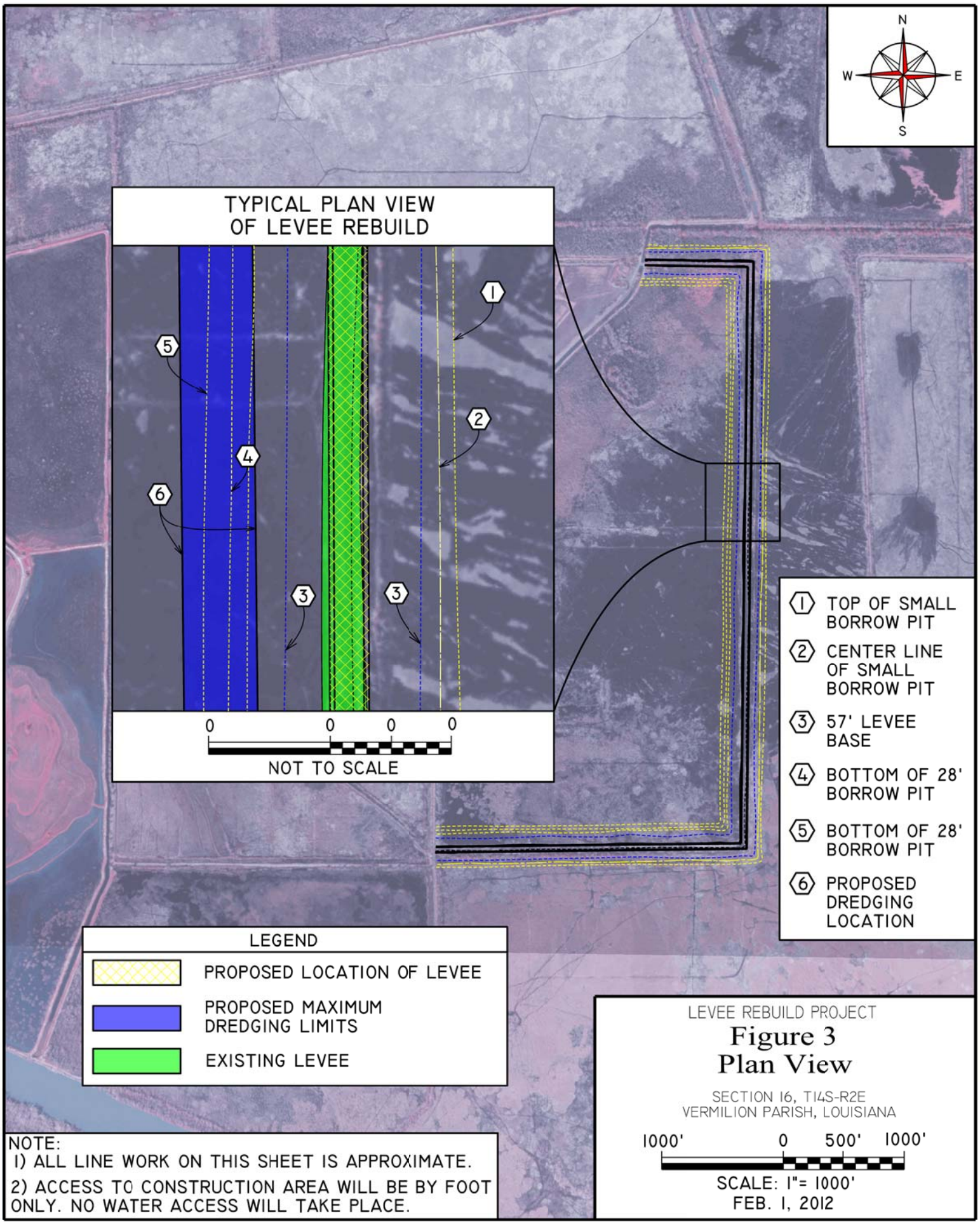
LEVEE REBUILD PROJECT

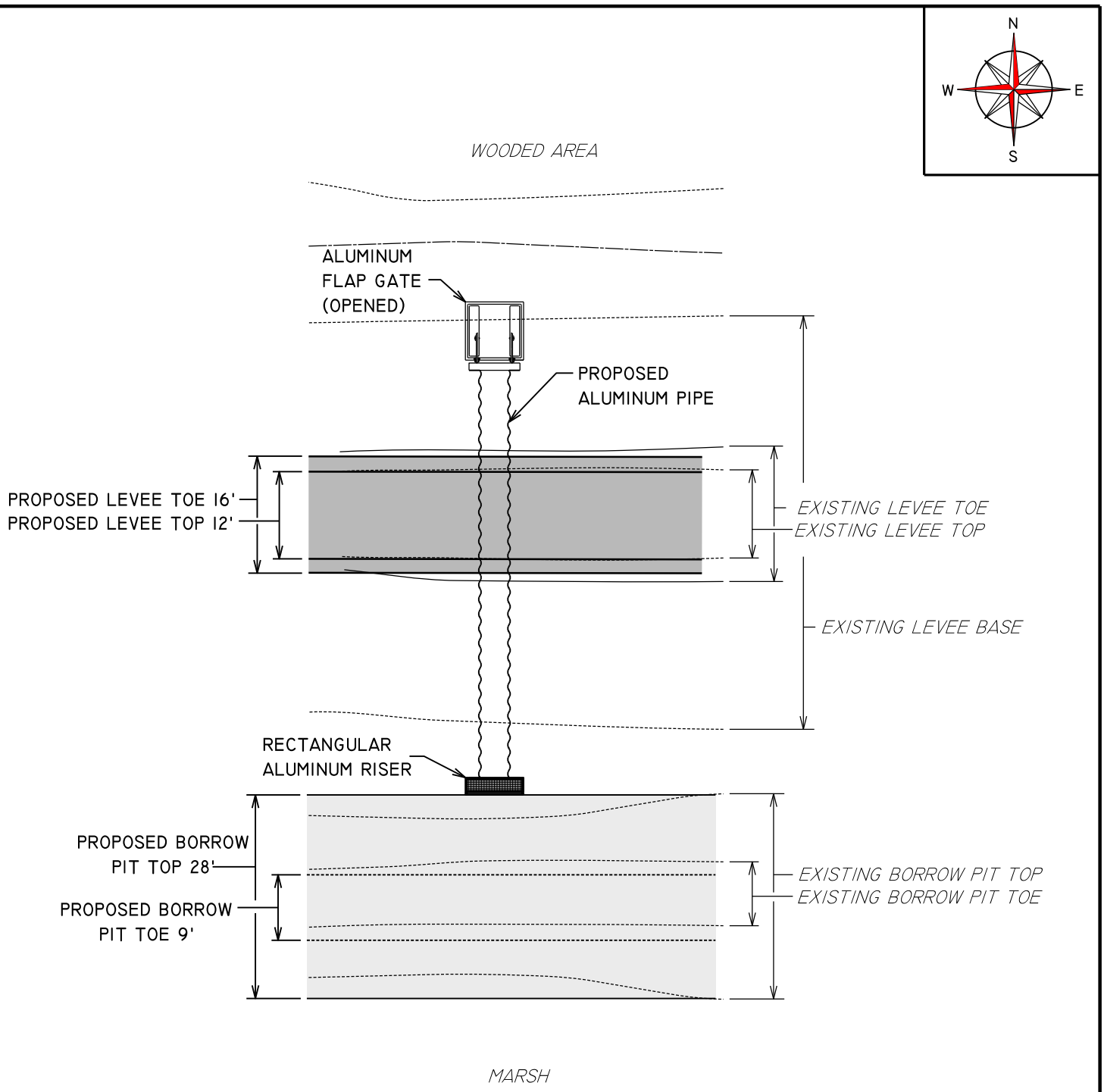
Figure 2
Project Alignment

SECTION 16, T14S-R2E
VERMILION PARISH, LOUISIANA

1000' 0 500' 1000'

SCALE: 1"= 1000'
FEB. 1, 2012


N
W
E
S
TYPICAL PLAN VIEW
OF LEVEE REBUILD
1
2
3
3
4
5
6
0
0
0
0
NOT TO SCALE
1 TOP OF SMALL BORROW PIT
2 CENTER LINE OF SMALL BORROW PIT
3 57' LEVEE BASE
4 BOTTOM OF 28' BORROW PIT
5 BOTTOM OF 28' BORROW PIT
6 PROPOSED DREDGING LOCATION
LEGEND
PROPOSED LOCATION OF LEVEE
PROPOSED MAXIMUM DREDGING LIMITS
EXISTING LEVEE
NOTE:
1) ALL LINE WORK ON THIS SHEET IS APPROXIMATE.
2) ACCESS TO CONSTRUCTION AREA WILL BE BY FOOT ONLY. NO WATER ACCESS WILL TAKE PLACE.
LEVEE REBUILD PROJECT
Figure 3
Plan View
SECTION 16, T14S-R2E
VERMILION PARISH, LOUISIANA
1000'
0
500'
1000'
SCALE: 1"= 1000'
FEB. 1, 2012



LEGEND	
PROPOSED FILL AREA	
PROPOSED MAXIMUM LIMITS OF DREDGING AREA	

NOTE:
1) ALL FLAP GATE DETAILS CAN BE FOUND ON FIGURES 006, 007 AND 008
2) ACCESS TO CONSTRUCTION AREA WILL BE BY FOOT ONLY. NO WATER ACCESS WILL TAKE PLACE.

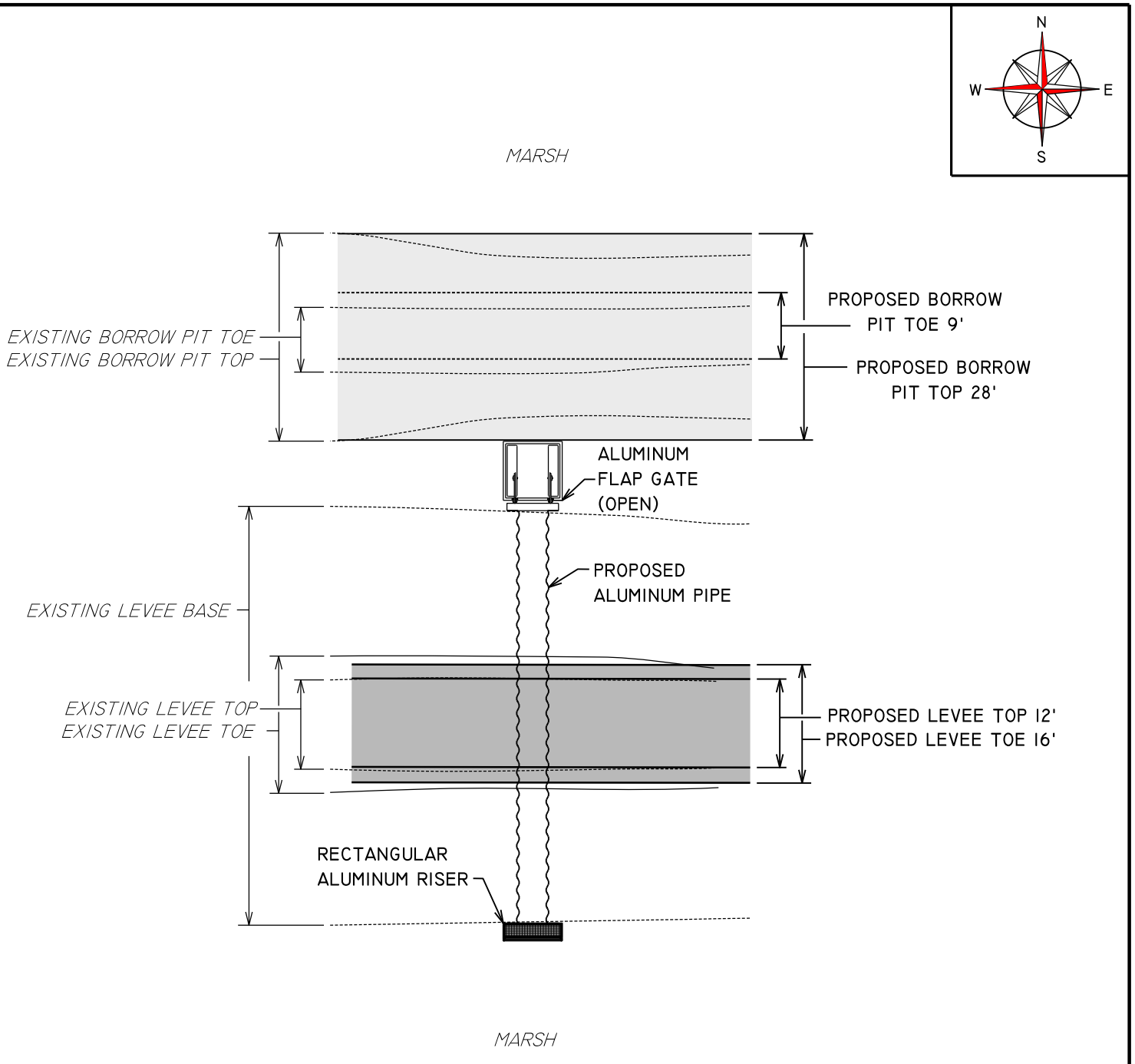
LEVEE REBUILD PROJECT

Figure 4
Flap Gate North
Plan View

SECTION 16, T14S-R2E
VERMILION PARISH, LOUISIANA

20' 0 10' 20'

SCALE: 1"= 20'
FEB. 1, 2012



LEGEND	
PROPOSED FILL AREA	
PROPOSED MAXIMUM LIMITS OF DREDGING AREA	

NOTE:

1) ALL FLAP GATE DETAILS CAN BE FOUND ON FIGURES 006, 007 AND 008
2) ACCESS TO CONSTRUCTION AREA WILL BE BY FOOT ONLY. NO WATER ACCESS WILL TAKE PLACE.

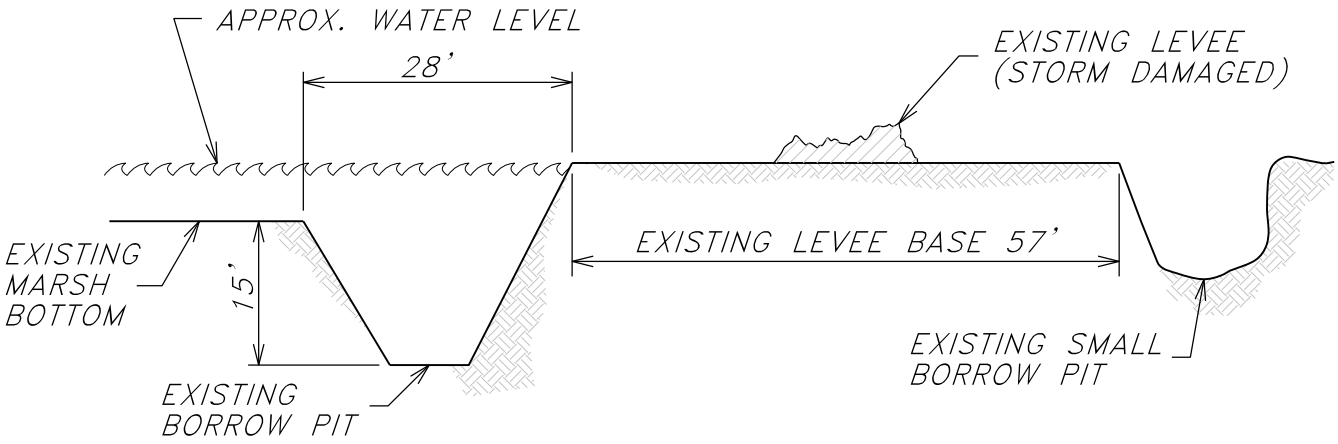
LEVEE REBUILD PROJECT

Figure 5
Flap Gate South Plan View

SECTION 16, T14S-R2E
VERMILION PARISH, LOUISIANA

20' 0 10' 20'

SCALE: 1"= 20'
FEB. 1, 2012



TYPICAL SECTION OF EXISTING LEVEE

SCALE: 1" = 20'

LEGEND	
	EXISTING LEVEE TO BE REMOVED
	EXISTING EARTH

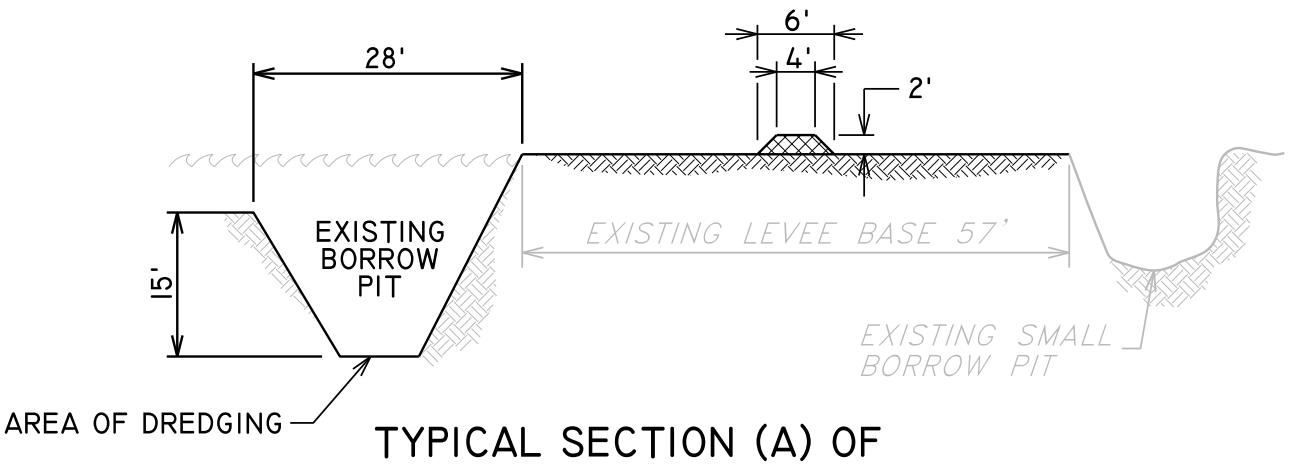
LEVEE REBUILD PROJECT

Figure 6
Typical Section

SECTION 16, T14S-R2E
VERMILION PARISH, LOUISIANA

20' 0 10' 20'

SCALE: 1"= 20'
FEB. 1, 2012

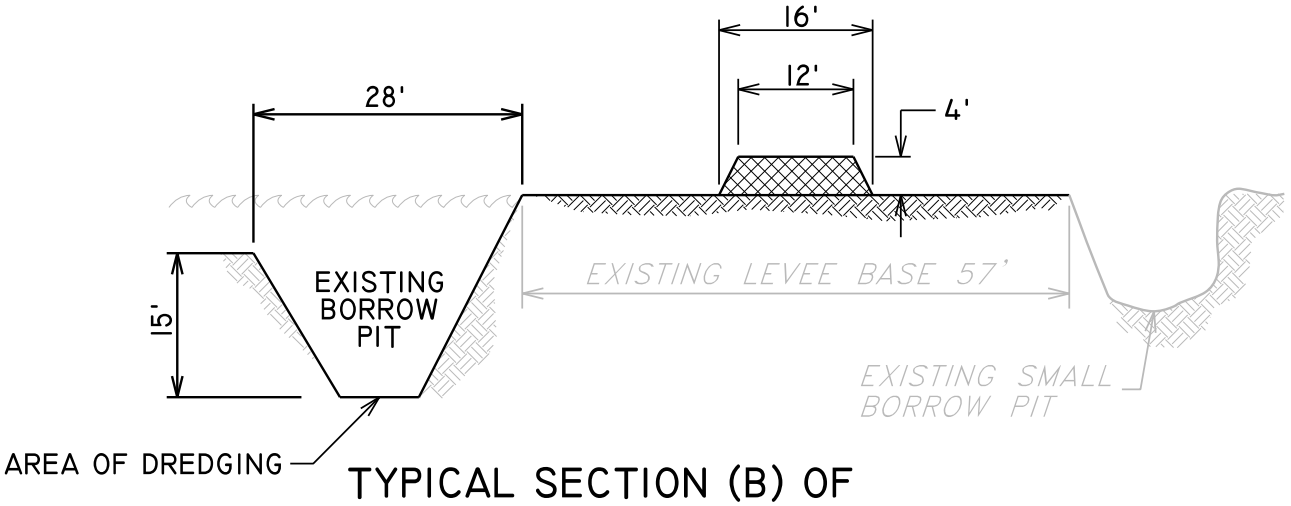


TYPICAL SECTION (A) OF PROPOSED LEVEE

SCALE: 1" = 20'

STA. 5+94.91 TO 56+39.49

NOTE:
MAXIMUM DREDGE TO BE 28'
OF THE EXISTING BORROW PIT



TYPICAL SECTION (B) OF PROPOSED LEVEE

SCALE: 1" = 20'

STA. 0+00.00 TO 5+94.91
STA. 56+39.49 TO 81+65.87

NOTE:
MAXIMUM DREDGE TO BE 28'
OF THE EXISTING BORROW PIT

LEGEND	
	PROPOSED LEVEE
	EXISTING EARTH

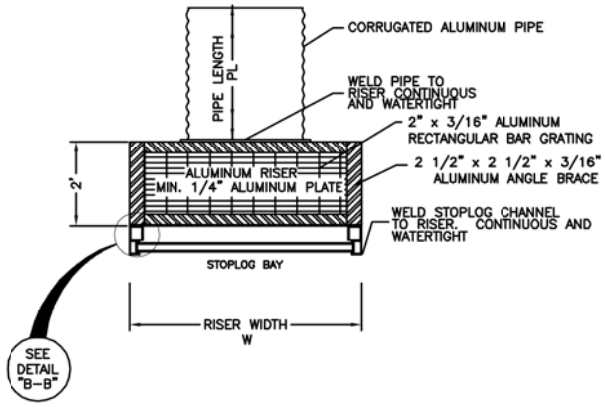
LEVEE REBUILD PROJECT

Figure 7
Proposed Typical Sections

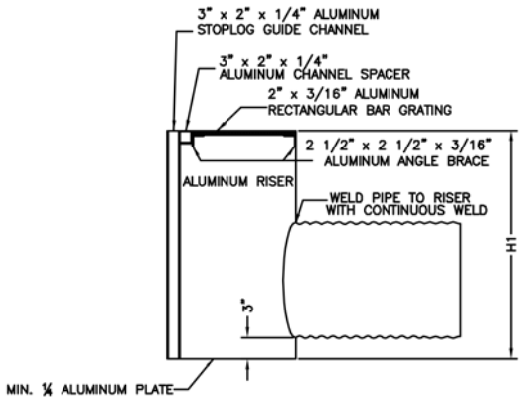
SECTION 16, T14S-R2E
VERMILION PARISH, LOUISIANA

20' 0 10' 20'

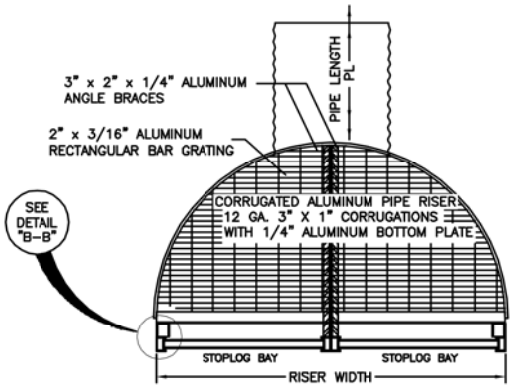
SCALE: 1"= 20'
FEB. 1, 2012



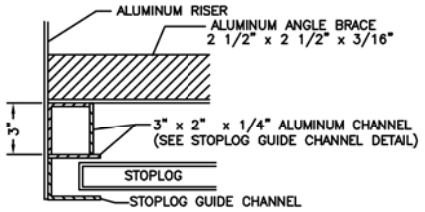
RECTANGULAR RISER PLAN VIEW
NOT TO SCALE



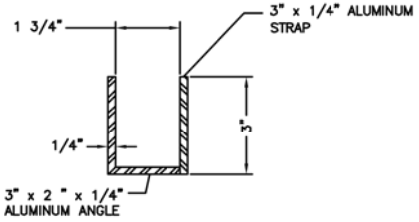
RISER SIDE VIEW
NOT TO SCALE



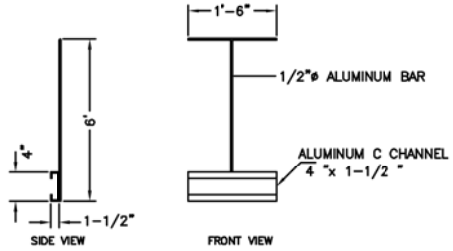
HALF-ROUND RISER PLAN VIEW
NOT TO SCALE



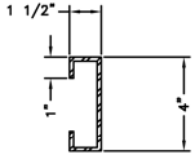
DETAIL "B-B"
NOT TO SCALE



STOPLOG GUIDE CHANNEL DETAIL
NOT TO SCALE

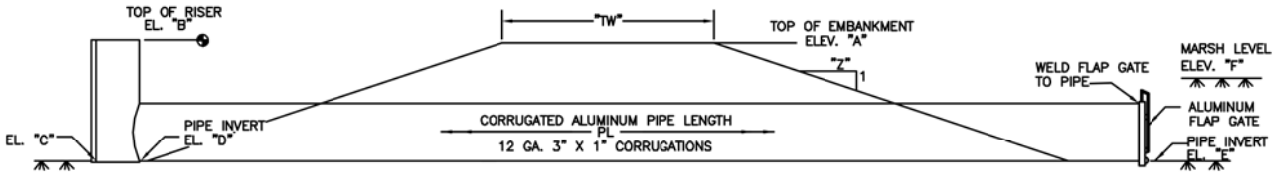


STOPLOG LIFTING HOOK DETAIL
NOT TO SCALE



NOTE: STOPLOGS TO BE ROLLED FORMED C CHANNEL 0.05" THICK ALUMINUM. LENGTH OF STOPLOGS SHALL BE 1/2" LESS THAN DISTANCE BETWEEN STOPLOG GUIDE CHANNELS.

ALUMINUM STOPLOG DETAIL
NOT TO SCALE



WATER CONTROL STRUCTURE TABLE

STRUCTURE	PIPE DIA.	PIPE GA.	PIPE LENGTH "PL"	RISER WIDTH W	RISER HEIGHT H1	EL. "A"	EL. "B"	EL. "C"	EL. "D"	EL. "E"	MARSH LEVEL EL. "F"	TOP WIDTH "TW"	SLOPES "Z"	NO OF STOPLOGS
1 BAY RISER	36"	12	40	4'	5'	X	X	X	X	X	X	X	X	15
2 BAY RISER	48"	12	40	8'	6'	X	X	X	X	X	X	X	X	18

ALL DRAWINGS ON THIS SHEET WERE PREPARED BY AN OUTSIDE PARTY.
BOB DEW WITH DUCKS UNLIMITED IS HEADING THIS PROJECT.

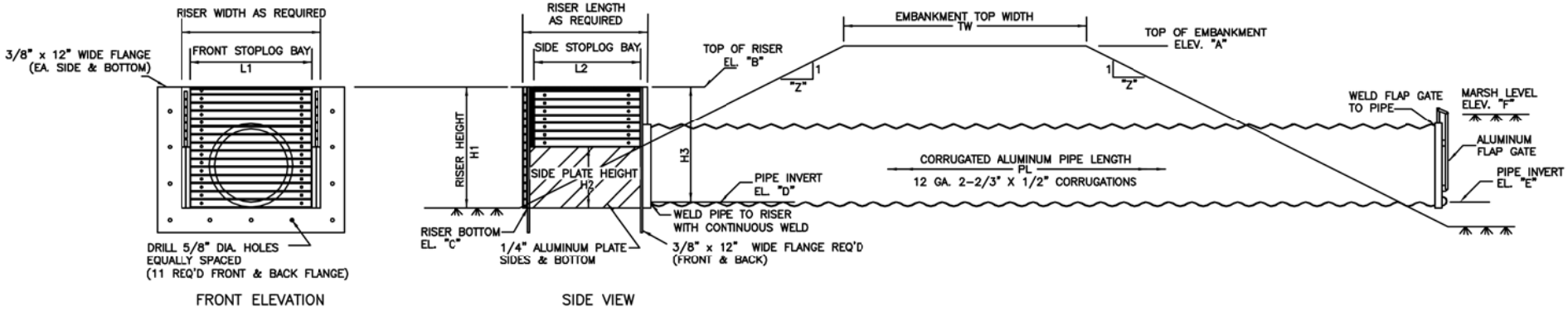
LEVEE REBUILD PROJECT

Figure 8
Aluminum Riser Permit

SECTION 16, T14S-R2E
VERMILION PARISH, LOUISIANA

0 0 0 0

NOT TO SCALE
FEB. 1, 2012



3 BAY ALUMINUM RISER STRUCTURE

NTS

WATER CONTROL STRUCTURE TABLE

STRUCTURE	PIPE DIA.	PIPE GA.	PIPE LENGTH "PL"	* STOPLOG BAY		RISER HEIGHT			EL. "A"	EL. "B"	EL. "C"	EL. "D"	EL. "E"	MARSH LEVEL EL. "F"	TOP WIDTH "TW"	SLOPES "Z"	NO OF STOPLOGS	
				L1	L2	H1	H2	H3									FRONT	SIDES
3 BAY RISER	36"	12	40	5'	4'	5'	2.5'	4'-9"	X	X	X	X	X	X	X	X	15	14

* STOPLOGS SHALL BE A MINIMUM OF 2" WIDER THAN THE BAY WIDTH

ALL DRAWINGS ON THIS SHEET WERE PREPARED BY AN OUTSIDE PARTY.
BOB DEW WITH DUCKS UNLIMITED IS HEADING THIS PROJECT.

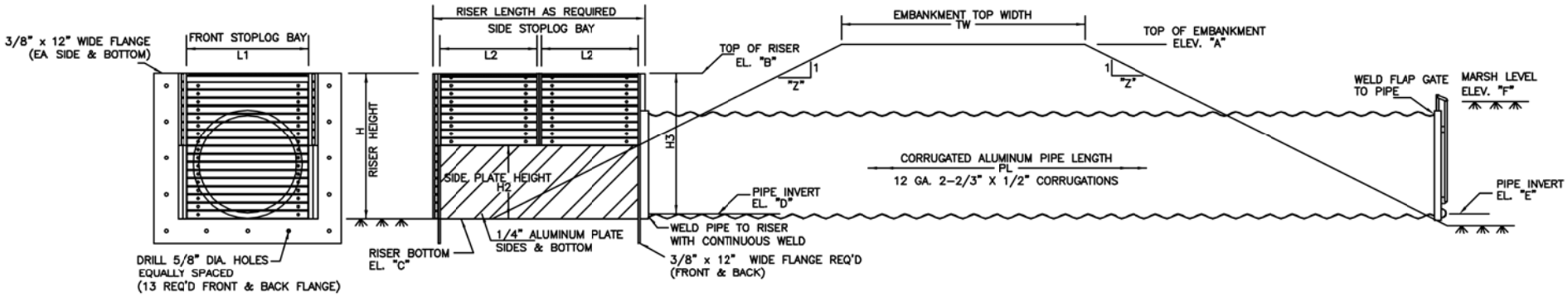
LEVEE REBUILD PROJECT

Figure 9 Aluminum Riser Permit

SECTION 16, T14S-R2E
VERMILION PARISH, LOUISIANA

0 0 0 0

NOT TO SCALE
FEB. 1, 2012



5 BAY ALUMINUM RISER STRUCTURE

NTS

WATER CONTROL STRUCTURE TABLE

STRUCTURE	PIPE DIA.	PIPE GA.	PIPE LENGTH "PL"	* STOPLOG BAY		RISER HEIGHT			EL."A"	EL."B"	EL."C"	EL."D"	EL."E"	MARSH LEVEL EL. "F"	TOP WIDTH "TW"	SLOPES "Z"	NO OF STOPLOGS	
				L1	L2	H1	H2	H3									FRONT	SIDES
5 BAY RISER	48"	12	40	5'	4'	6'	3'	5'-9"	X	X	X	X	X	X	X	X	18	36

* STOPLOGS SHALL BE A MINIMUM OF 2" WIDER THAN THE BAY WIDTH

MULTI-BAY ALUMINUM RISER
WATER CONTROL STRUCTURE

LEVEE REBUILD PROJECT

Figure 10 Aluminum Riser Permit

SECTION 16, T14S-R2E
VERMILION PARISH, LOUISIANA

0 0 0 0

NOT TO SCALE
FEB. 1, 2012

ALL DRAWINGS ON THIS SHEET WERE PREPARED BY AN OUTSIDE PARTY.
BOB DEW WITH DUCKS UNLIMITED IS HEADING THIS PROJECT.

Management Plan for Duane Delhomme Project

Alicia Wiseman, Biologist, Ducks Unlimited, John Hetherwick, Regional Engineer, Ducks Unlimited, Site visit: Wednesday, April 13, 2011,

Considering site characteristics, condition of existing marsh, and the goals for the property, this plan is provided through the cooperation of the Louisiana Waterfowl Project South (LWPS) program. The LWPS is a cooperative effort between Ducks Unlimited, Louisiana Department of Wildlife and Fisheries, Natural Resources Conservation Service, and U.S. Fish and Wildlife Service; and, contributes directly to the goals and objectives of the North American Waterfowl Management Plan, Gulf Coast Joint Venture: Chenier Plain Initiative and Mottled Duck Conservation Plans.

Site Description

The project site is located in Vermilion Parish Louisiana, north of the Intracoastal waterway, south of Hwy 82, between Forked Island and Esther (see vicinity map). This area is generally freshwater marsh, but is subject to tidal surges such as experienced during Hurricanes Rita (2005) and Ike (2008).

The project site includes a portion of Section 16 leased from the Parish school district. The entire section is approximately 640 acres; however, this plan only addresses the approximately 244 acres situated within the Northeast Unit (hereafter Unit). The remaining portion of section 16 is not considered in this plan.

Project Goal: Enhance/restore freshwater marsh habitats suitable for resident and migratory waterfowl, shorebirds, and waterbirds.

Objective 1: maintain proper water depths

Objective 2: maintain freshwater foraging habitats

Objective 3: reduce or eliminate undesirable/ invasive species

The project objectives can be accomplished through a combination of active water management, fire, and herbicide. In order to achieve active water management, proper management infrastructure is required. The 244 acre project unit currently has a semi-functioning levee system and water control structure. The levee system should be refurbished and water control structure(s) replaced.

The management regime for the 244 acre unit should target a dynamic wetland management regime. Additionally, current weather conditions should be considered and utilized when necessary (i.e., initiate drawdowns during dry years or take advantage of frequent rainfall).

Below is a management scenario that illustrates the desirable dynamic wetland management regime.

In winter, target water levels of 4-16inches. It is not recommended to have water depths greater than 18" as this may impact food availability for target species. If necessary as winter progress, slowly lower water as submerged aquatic vegetation becomes less available. This will allow wintering waterfowl to access more vegetation and seeds.

Hold the water to 4-16 inches through April 15. After April 15, release water until 10% -30% of the ponds are in mud-flat state. These mud flats will provide great feeding habitat for wading birds, shorebirds and other migrating waterbirds. Hold the water to this level until mid-May or June and begin catching rainwater to slowly raise the water levels back in time for fall migration and molting mottled ducks.

During some years, a complete drawdown may be necessary to manage cattails, maidencane and floating marsh. This will probably be necessary every 3 – 5 years but specific dates can be adjusted to respond to marsh conditions. A drawdown will allow for necessary removal of cattail and maidencane keeping ponds from becoming overgrown. In years when drawdown is necessary, a slow drawdown beginning February 1 is recommended. **If a burn is warranted, it will be conducted between the months of October and March** as requested by the permitting agency**.** The burn will remove dead cattail and maiden cane and stimulate growth of desirable annual plant communities. **As requested by the permitting agency, burn shall not be conducted when the ground is dry – the roots and soil must be saturated with water.** This will not be as effective in removing cattail as burning with a dry ground, but we can work within the regulations set by the permitting agency through the use of herbicides.

Approximately 3 weeks after the burn or once the vegetation begins to re-grow, follow up with herbicide application in targeted areas of pond edges, boat trails and canals as needed. Herbicide should be applied after burned vegetation has begun to re-sprout, while re-growth is still tender and young (approximately 3 weeks after the burn).

After herbicide application, it may be desirable to hold water over the entire unit to the deepest depth possible. Increased water depth will discourage the re-growth of cattails and increase the effectiveness of burning and herbicide application. This process should not be conducted more than every 3-5 years unless circumstances when all ponds close from the presence of cattails.

In the year after the burn, the above management outline should be followed to encourage the re-establishment of submerged aquatic vegetation. Submerged aquatic vegetation may return the same year the burn and herbicide application is conducted if water depths are managed correctly. Submerged aquatic vegetation abundance will be high the second year after the burn because of the newly opened ponds.

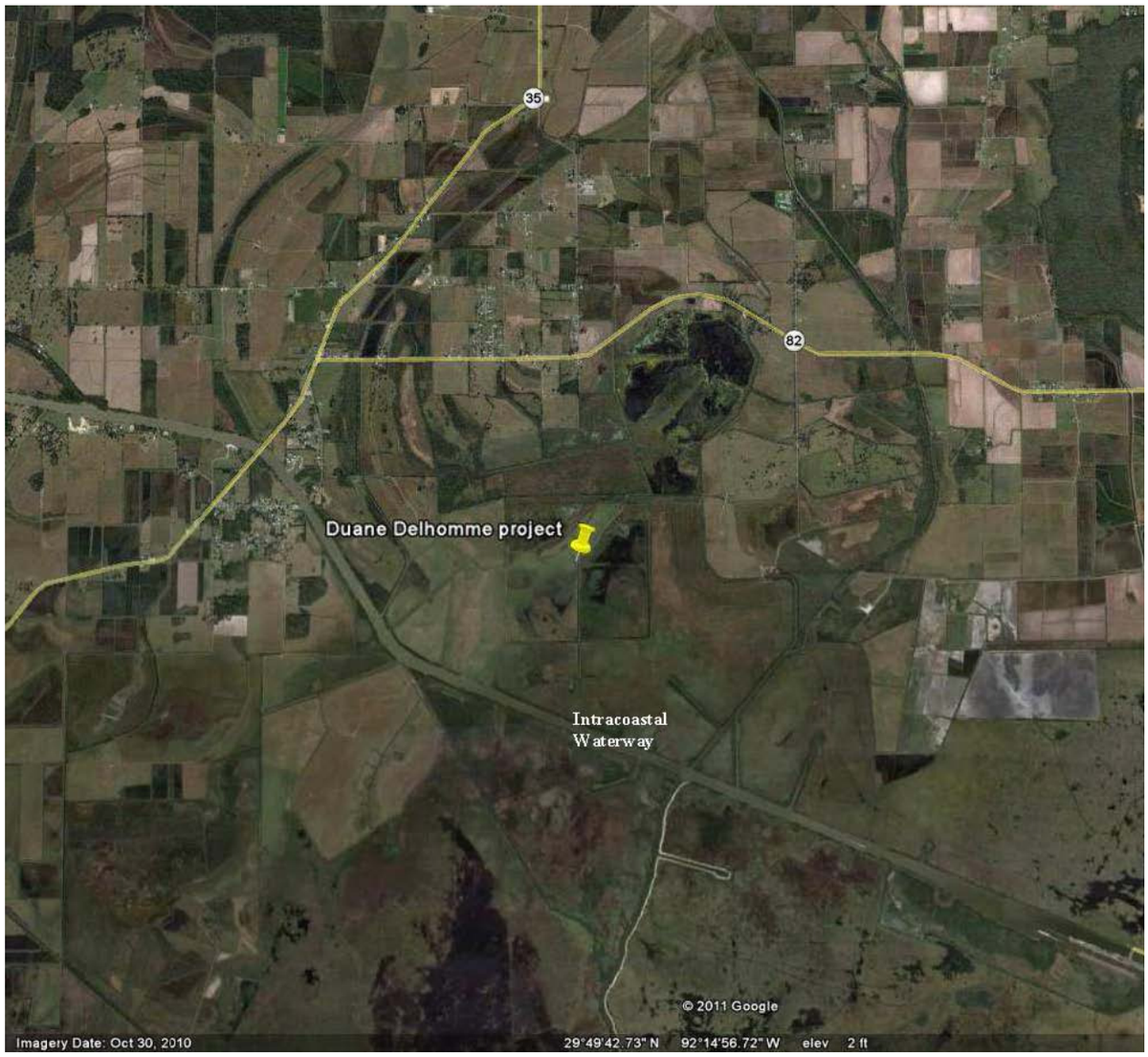
As requested by the permitting agency, monitoring reports will be sent to LDNR on an annual basis documenting the amount of emergent vegetation vs. open water in the area managed.

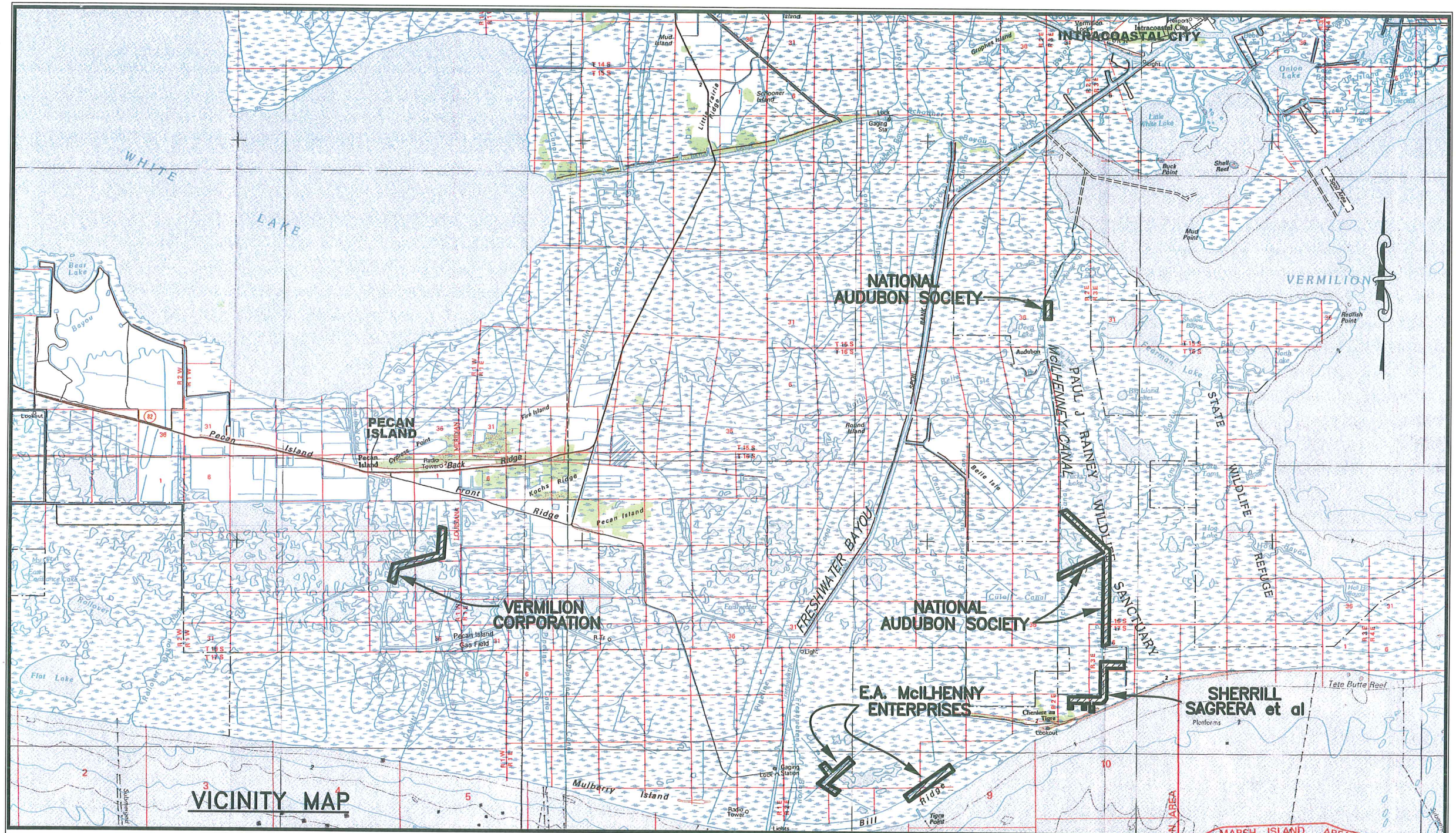
Duane Delhomme Project
16th Section
Vermilion Parish, LA



Project boundary
(244 acres)

0 500 1,000 2,000 Feet


35
82
Duane Delhomme project
Intracoastal
Waterway
© 2011 Google
Imagery Date: Oct 30, 2010
29°49'42.73" N 92°14'56.72" W elev 2 ft



VICINITY MAP

DATE	DESCRIPTION	BY
REVISION		
FILE: E:\CAD\10-859\02-VICINITY		
DESIGNED: DCR	DETAILED: DCR	TRACED:
CHECKED: LJC	CHECKED: LJC	CHECKED:
DATE: 09/20/2010		PROJECT:

SCALE:

SCALE IN FEET

10,000' 5,000' 0 10,000' 20,000' 30,000'

STAMP

SIGNATURE:

DATE:

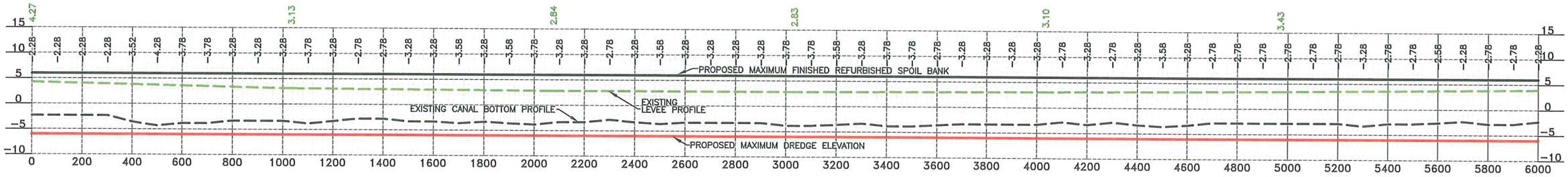
LEONARD CHAUVIN P.E., P.L.S., INC.
CIVIL ENGINEER – LAND SURVEYOR
627 JACKSON ST. THIBODAUX, LA.

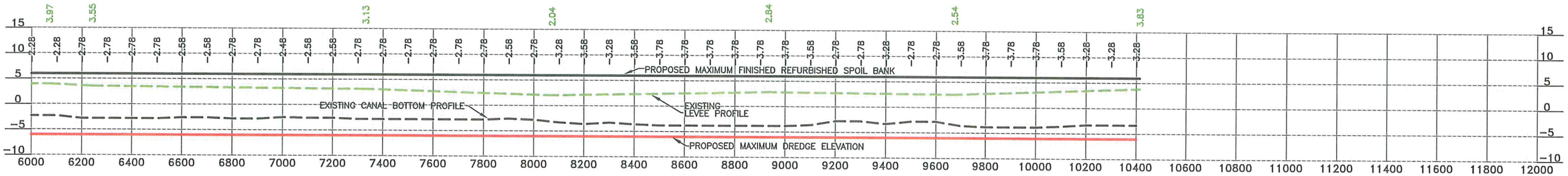
OWNER: NATIONAL AUDUBON SOCIETY

PROPOSED SPOIL BANK REFURBISHMENTS ON PROPERTY FOR NATIONAL AUDUBON SOCIETY, E.A. McILHENNEY ENTERPRISE, VERMILION CORPORATION, AND SHERRILL SAGRERA et al

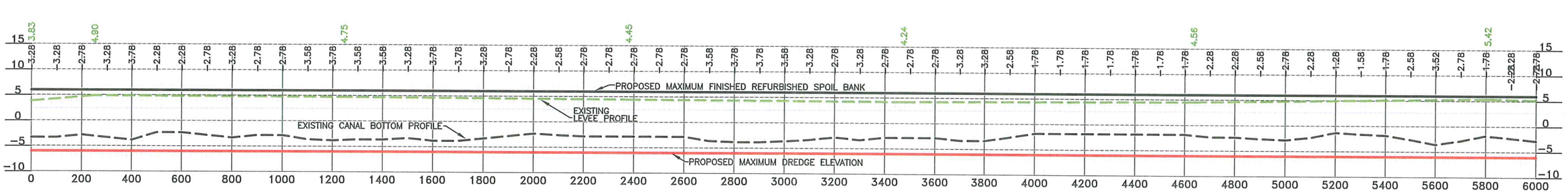
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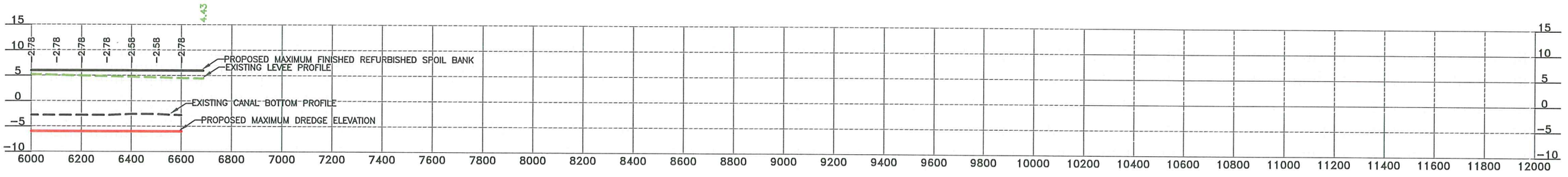
SHEET 2





REACH A





REACH B

PROFILE VIEW

DATE	DESCRIPTION	BY
	REVISION	
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CHECKED: LJC	CHECKED: LJC	CHECKED:
DATE: 09/20/2010		PROJECT:

SCALE:

SCALE IN FEET

400' 200' 0 400' 800' 1200'

STAMP

SIGNATURE:

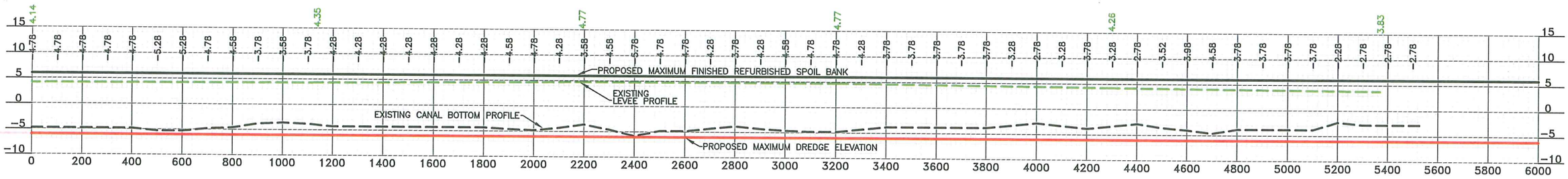
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CIVIL ENGINEER – LAND SURVEYOR
627 JACKSON ST. THIBODAUX, LA.

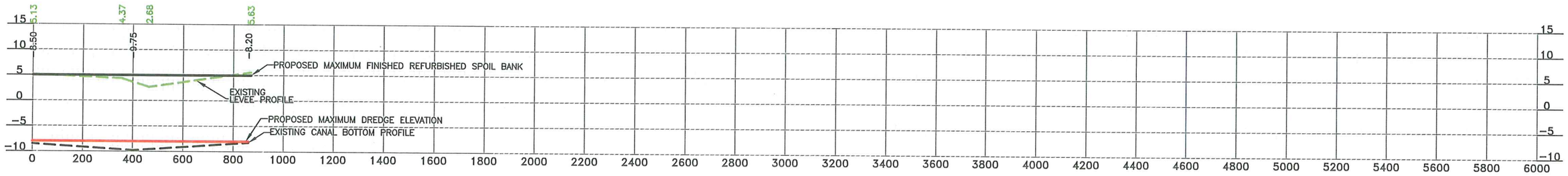
OWNER NATIONAL AUDUBON SOCIETY

PROJECT: PROPOSED SPOIL BANK REFURBISHMENTS ON PROPERTY FOR NATIONAL AUDUBON SOCIETY, E.A. McILHENNEY ENTERPRISE, VERMILION CORPORATION, AND SHERRILL SAGRERA et al

SHEET 5



REACH C



REACH D

PROFILE VIEW

DATE	DESCRIPTION	BY
REVISION		

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CHECKED: LJC	CHECKED: LJC	CHECKED:
DATE: 09/20/2010		PROJECT:

SCALE:

SCALE IN FEET

400' 200' 0 400' 800' 1200'

STAMP

SIGNATURE:

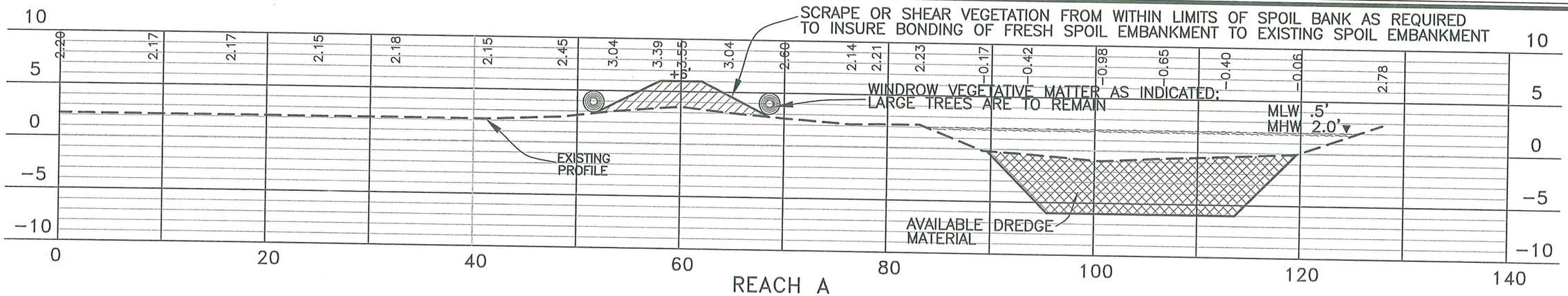
DATE:

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CIVIL ENGINEER – LAND SURVEYOR
627 JACKSON ST. THIBODAUX, LA.

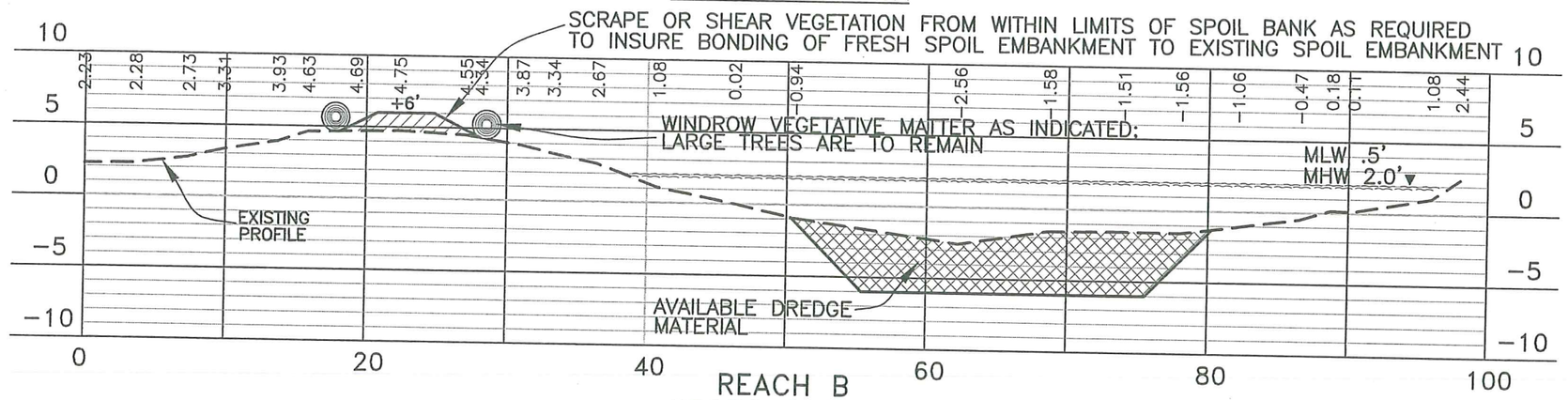
OWNER: NATIONAL AUDUBON SOCIETY

PROJECT: PROPOSED SPOIL BANK REFURBISHMENTS ON PROPERTY FOR NATIONAL AUDUBON SOCIETY, E.A. McILHENNEY ENTERPRISE, VERMILION CORPORATION, AND SHERRILL SAGRERA et al

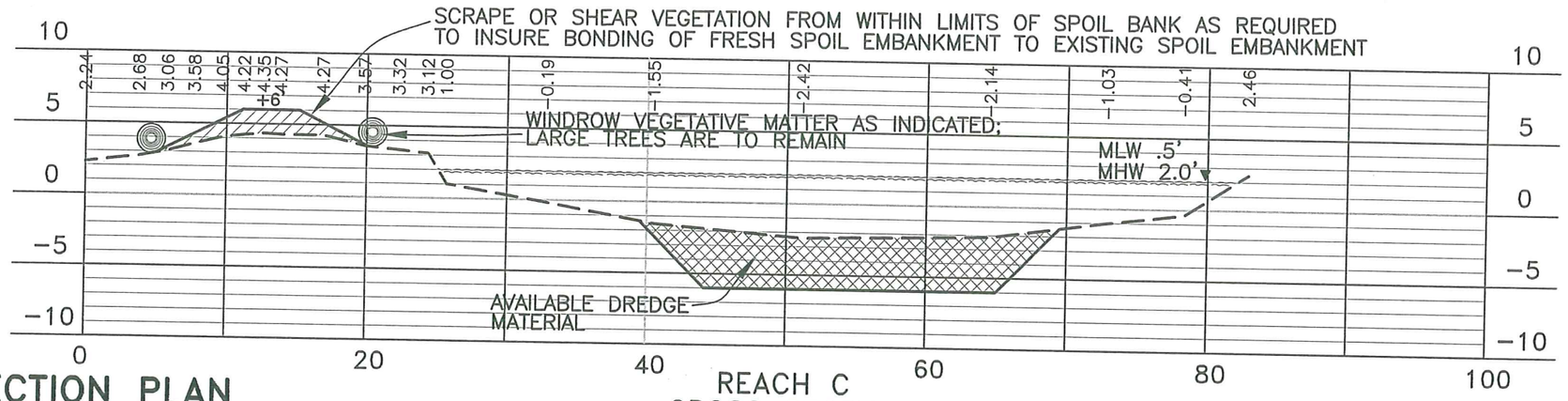
SHEET 6



REACH A
CROSS SECTION



REACH B
CROSS SECTION



REACH C
CROSS SECTION

CROSS SECTION PLAN

DATE	DESCRIPTION	BY
	REVISION	
FILE: E:\CAD\10-859\07-CROSS SECTION		

DESIGNED: DCR	DETAILED: DCR	TRACED:
CHECKED: LJC	CHECKED: LJC	CHECKED:
DATE: 09/20/2010		PROJECT:

SCALE:

SCALE IN FEET

10' 5' 0 10' 20' 30'

STAMP

SIGNATURE:

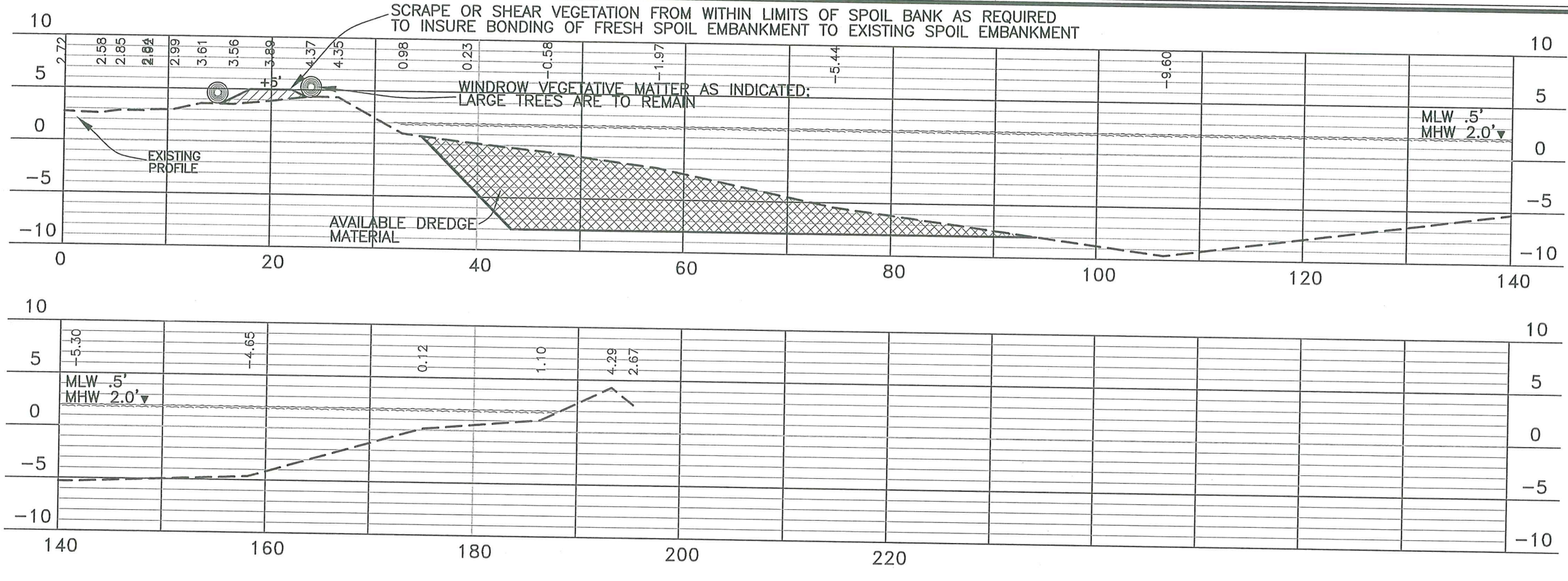
DATE:

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CIVIL ENGINEER – LAND SURVEYOR
627 JACKSON ST. THIBODAUX, LA.

OWNER: NATIONAL AUDUBON SOCIETY

PROJECT: PROPOSED SPOIL BANK REFURBISHMENTS ON PROPERTY FOR NATIONAL AUDUBON SOCIETY, E.A. McILHENNEY ENTERPRISE, VERMILLION CORPORATION, AND SHERRILL SAGRERA et al

SHEET 7



REACH D
CROSS SECTION

CROSS SECTION PLAN

DATE	DESCRIPTION	BY
	REVISION	
FILE: E:\CAD\10-659\07-CROSS SECTION		

DESIGNED: DCR	DETAILED: DCR	TRACED:
CHECKED: LJC	CHECKED: LJC	CHECKED:
DATE: 09/20/2010		PROJECT:

SCALE:

SCALE IN FEET

10' 5' 0 10' 20' 30'

STAMP

SIGNATURE:

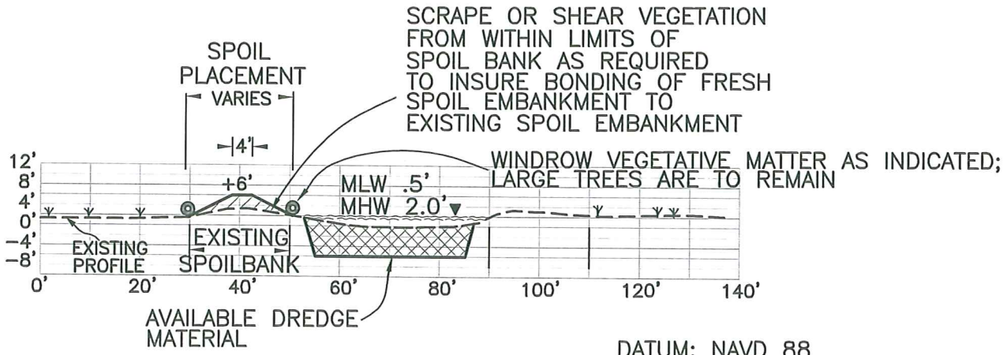
DATE:

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CIVIL ENGINEER – LAND SURVEYOR
627 JACKSON ST. THIBODAUX, LA.

OWNER: NATIONAL AUDUBON SOCIETY

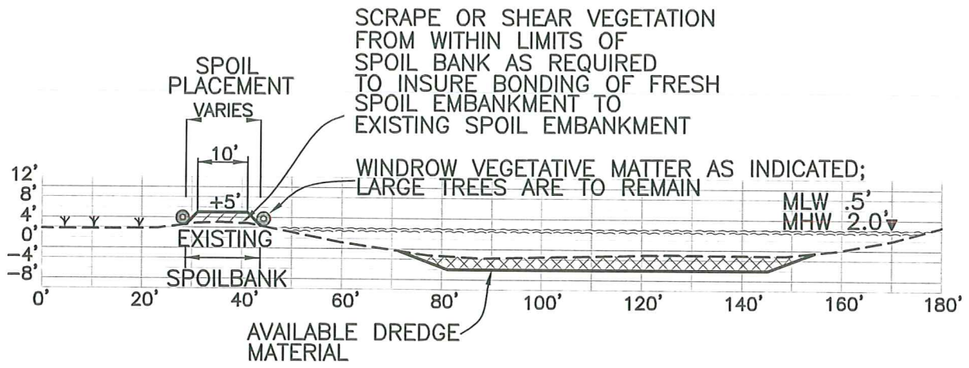
PROJECT: PROPOSED SPOIL BANK REFURBISHMENTS ON PROPERTY FOR NATIONAL AUDUBON SOCIETY, E.A. McILHENNEY ENTERPRISE, VERMILLION CORPORATION, AND SHERRILL SAGRERA et al

SHEET 8



DATUM: NAVD 88
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'

TYPICAL SECTION A
REACH A, B, AND C



DATUM: NAVD 88
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'

TYPICAL SECTION B
REACH D

GENERAL NOTES:

1) VERTICAL DATUM NAVD 88

2) GPS DATA PROCESSED USING GEOID 09

3) AVERAGE ELEVATION OF WATER IS +1.3'
MEAN HIGH WATER (MHW) +2.0'
MEAN LOW WATER (MLW) +0.5'

4) ALL PROPOSED WORK SHALL BE COMPLETED IN ACCORDANCE WITH LOUISIANA DEPARTMENT OF NATURAL RESOURCES PERMIT NUMBER P930665 AND APPLICABLE REVISIONS AND U.S. ARMY CORP OF ENGINEERS PERMIT NUMBER V.P.W. 5

5) DO NOT EXCEED LIMITS FOR SPOIL PLACEMENT INDICATED ON TYPICAL SECTION.

6) THE CONTRACTER SHALL FOLLOW NAVIGABLE ACCESS ROUTES AND SHALL NOT, AT ANYTIME, TREAD ON EXISTING MARSH OR VEGETATED WETLANDS OUTSIDE OF THE PROJECT BOUNDARIES UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

7) THE CONTRACTER SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ANY PIPELINES AND NOTIFYING PIPELINE OPERATORS 48 HOURS IN ADVANCE OF THE WORK, ALL PIPELINES SHALL BE MARKED WITH STAKES BY THE CONTRACTER. THE CONTRACTER SHALL MAINTAIN STAKES DURING CONSTRUCTION TO AVOID DREDGING OVER PIPELINE AREAS. THE CONTRACTER SHALL NOT ANCHOR OR EXCAVATE WITHIN ANY PIPELINE RIGHT OF WAY.

NOTICE: 48 HOURS BEFORE DREDGING CALL LOUISIANA ONE CALL AT 1−800−272−3020 TO LOCATE ANY OTHER PIPELINES OR UTILITIES.

8) EXCAVATION IS LIMITED TO OPEN WATER AREA. THERE WILL BE NO EXCAVATION OF MARSH.

DETAIL SHEET

DATE	DESCRIPTION	BY

REVISION
FILE: E:\CAD\10−859\02−VICINITY

DESIGNED: DCR	DETAILED: DCR	TRACED:
CHECKED: LJC	CHECKED: LJC	CHECKED:
DATE: 09/20/2010		PROJECT:

SCALE: NOTED

STAMP

SIGNATURE:

DATE:

LEONARD CHAUVIN P.E., P.L.S., INC.
CIVIL ENGINEER − LAND SURVEYOR
627 JACKSON ST. THIBODAUX, LA.

OWNER: NATIONAL AUDUBON SOCIETY

PROJECT: PROPOSED SPOIL BANK REFURBISHMENTS ON PROPERTY FOR NATIONAL AUDUBON SOCIETY, E.A. McILHENNEY ENTERPRISE, VERMILLION CORPORATION, AND SHERRILL SAGRERA et al

SHEET 9



PIC 1



PIC 2



PIC 3

T16S - R2E
T17S - R2E

T17S - R3E
T17S - R2E

McILHENNEY CANAL

REACH H 2451'

REACH I 50'

REACH J 50'

REACH K 50'

REACH G 3929'

REACH F 1269'

REACH D 326'

REACH B 1804'

REACH A 1118'

REACH E 1447'

1
2
6
7
11
12

X -2.91' 2.64' X -2.85' 2.84' X -3.04'

X -2.97' 2.59'

X -3.45'

X -3.31'

X -2.88'

-3.25' X 4.41' X 2.23' X -2.99' -3.15' X 2.41'

X -3.31' 3.89'

X -2.67' 2.33'

X -3.68'

X -2.43'

PIC 1

PIC 2

PIC 3

A A

REACHES A THROUGH H
SEE SHEETS 11, 12, AND 13 OF 13
FOR PROFILES, SECTION, AND DETAILS

PLAN VIEW
REACHES A THROUGH K

WASHOUTS I THROUGH K TO BE
REPAIRED AS PER TYPICAL SECTION A-A
SEE SHEETS 12 AND 13 OF 13
FOR TYPICAL SECTION AND DETAILS

LEGEND

- SPOIL BANK TO BE REFURBISHED
- WASHOUT TO BE REPAIRED
- X 4.27' EXISTING SPOIL BANK ELEVATION
- X-2.50' EXISTING WATER BOTTOM ELEVATION

IMAGE BASE 2005 D.O.Q.Q.

DATE	DESCRIPTION	BY

REVISION

FILE: E:\CAD\10-859\SAGRERA ENGINEERING DRAWINGS.DWG

DESIGNED: DCR	DETAILED: DCR	TRACED:
CHECKED: LJC	CHECKED: LJC	CHECKED:
DATE: 10/20/2010		PROJECT:

SCALE:

SCALE IN FEET

1,000' 500' 0 1,000' 1,500' 2,000'

STAMP

SIGNATURE:

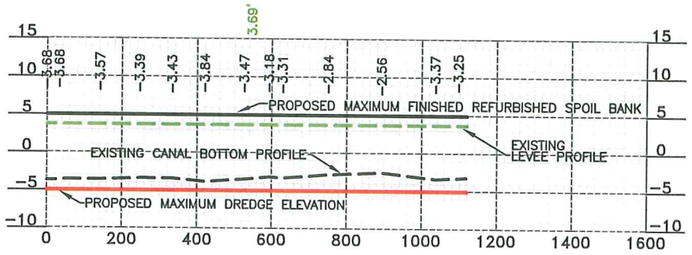
DATE:

LEONARD CHAUVIN P.E., P.L.S., INC.
CIVIL ENGINEER - LAND SURVEYOR
627 JACKSON ST. THIBODAUX, LA.

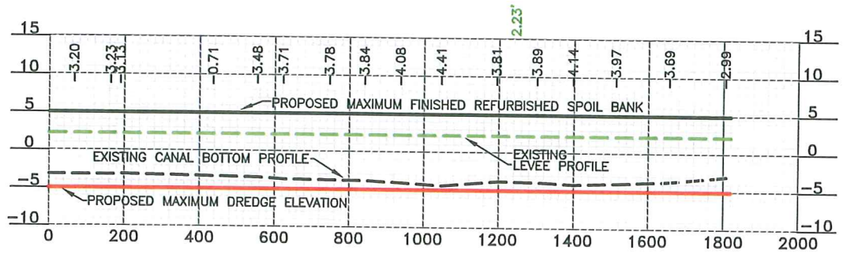
OWNER: NATIONAL AUDUBON SOCIETY

PROJECT: PROPOSED SPOIL BANK REFURBISHMENTS ON PROPERTY FOR NATIONAL AUDUBON SOCIETY, E.A. McILHENNEY ENTERPRISE, VERMILLION CORPORATION, AND SHERRILL SAGRERA et al

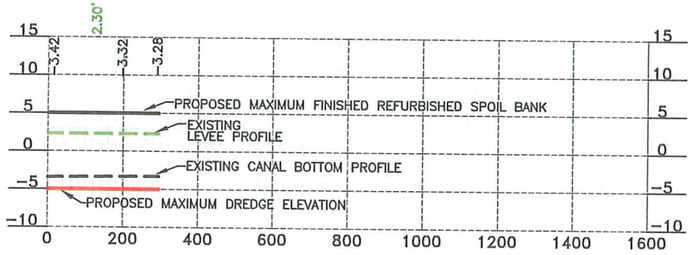
SHEET 10



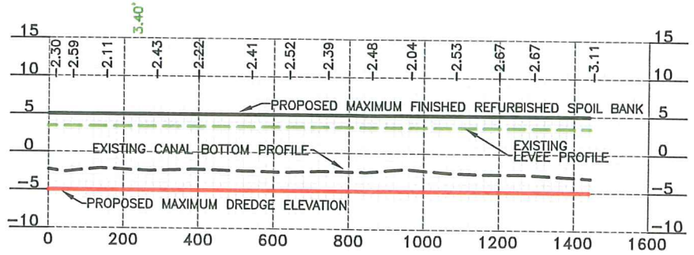
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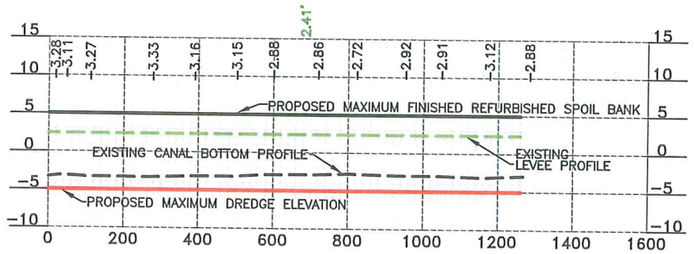
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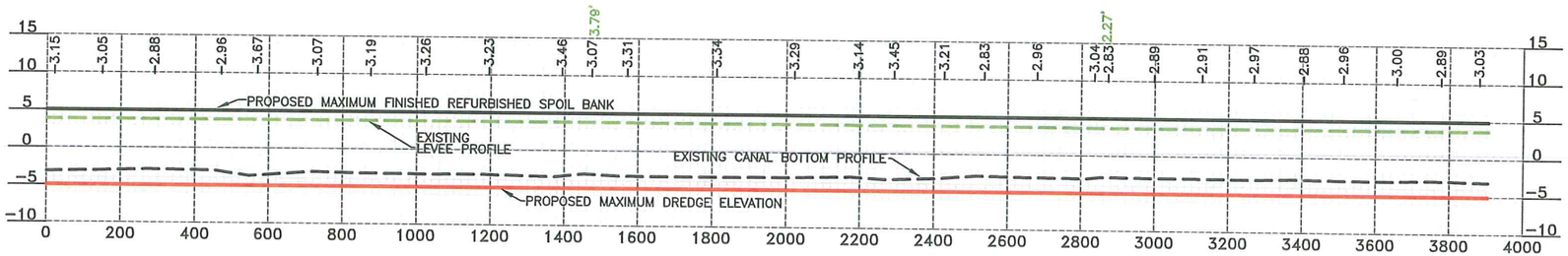
REACH D



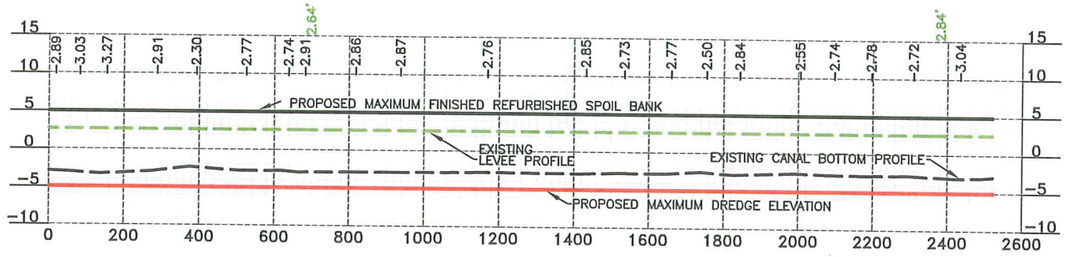
REACH E



REACH F



REACH G



REACH H

PROFILE VIEW

DATE	DESCRIPTION	BY

REVISION

FILE: E:\CAD\10-859\SAGRERA ENGINEERING DRAWINGS.DWG

DESIGNED: DCR	DETAILED: DCR	TRACED:
CHECKED: LJC	CHECKED: LJC	CHECKED:
DATE: 10/20/2010		PROJECT:

SCALE IN FEET

400' 200' 0 400' 800' 1,200'

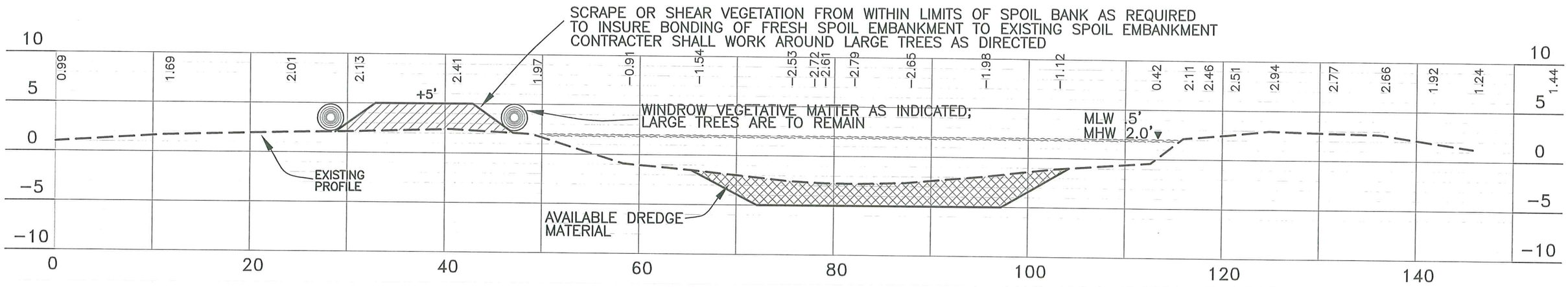
SIGNATURE:

DATE:

LEONARD CHAUVIN P.E., P.L.S., INC.
CIVIL ENGINEER – LAND SURVEYOR
627 JACKSON ST. THIBODAUX, LA.

OWNER: NATIONAL AUDUBON SOCIETY

PROJECT: PROPOSED SPOIL BANK REFURBISHMENTS ON PROPERTY FOR NATIONAL AUDUBON SOCIETY, E.A. McILHENNEY ENTERPRISE, VERMILLION CORPORATION, AND SHERRILL SAGRERA et al



TYPICAL CROSS SECTION A–A

CROSS SECTION

DATE	DESCRIPTION	BY

REVISION
FILE: E:\CAD\10-859\07-CROSS SECTION

DESIGNED: DCR	DETAILED: DCR	TRACED:
CHECKED: LJC	CHECKED: LJC	CHECKED:
DATE: 09/20/2010		PROJECT:

SCALE:

SCALE IN FEET

10' 5' 0 10' 20' 30'

STAMP

SIGNATURE:

DATE:

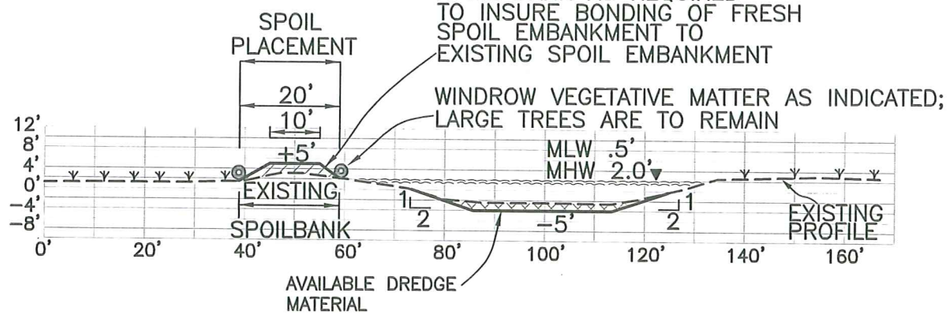
LEONARD CHAUVIN P.E., P.L.S., INC.
CIVIL ENGINEER – LAND SURVEYOR
627 JACKSON ST. THIBODAUX, LA.

OWNER: NATIONAL AUDUBON SOCIETY

PROJECT: PROPOSED SPOIL BANK REFURBISHMENTS ON PROPERTY FOR NATIONAL AUDUBON SOCIETY, E.A. McILHENNEY ENTERPRISE, VERMILLION CORPORATION, AND SHERRILL SAGRERA et al

SHEET 12

NOTE:
DIMENSIONS FOR SPOIL BANK DERIVED FROM PERMITS.



DATUM: NAVD 88
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'

TYPICAL SECTION B
REACHES A THROUGH K

GENERAL NOTES:

1) VERTICAL DATUM NAVD 88

2) GPS DATA PROCESSED USING GEOID 09

3) AVERAGE ELEVATION OF WATER IS +1.3'
MEAN HIGH WATER (MHW) +2.0'
MEAN LOW WATER (MLW) +0.5'

4) ALL PROPOSED WORK SHALL BE COMPLETED IN ACCORDANCE WITH LOUISIANA DEPARTMENT OF NATURAL RESOURCES PERMIT NUMBER P20061509 AND APPLICABLE REVISIONS AND U.S. ARMY CORP OF ENGINEERS PERMIT NUMBER WC-19-990-0081

5) DO NOT EXCEED LIMITS FOR SPOIL PLACEMENT INDICATED ON TYPICAL SECTION.

6) THE CONTRACTER SHALL FOLLOW NAVIGABLE ACCESS ROUTES AND SHALL NOT, AT ANYTIME, TREAD ON EXISTING MARSH OR VEGETATED WETLANDS OUTSIDE OF THE PROJECT BOUNDARIES UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

7) THE CONTRACTER SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ANY PIPELINES AND NOTIFYING PIPELINE OPERATORS 48 HOURS IN ADVANCE OF THE WORK, ALL PIPELINES SHALL BE MARKED WITH STAKES BY THE CONTRACTER. THE CONTRACTER SHALL MAINTAIN STAKES DURING CONSTRUCTION TO AVOID DREDGING OVER PIPELINE AREAS. THE CONTRACTER SHALL NOT ANCHOR OR EXCAVATE WITHIN ANY PIPELINE RIGHT OF WAY.

NOTICE: 48 HOURS BEFORE DREDGING CALL LOUISIANA ONE CALL AT 1-800-272-3020 TO LOCATE ANY OTHER PIPELINES OR UTILITIES.

8) EXCAVATION IS LIMITED TO OPEN WATER AREA. THERE WILL BE NO EXCAVATION OF MARSH.

DETAIL SHEET

DATE	DESCRIPTION	BY

REVISION
FILE: E:\CAD\10-859\SAGRERA ENGINEERING DRAWINGS

DESIGNED: DCR	DETAILED: DCR	TRACED:
CHECKED: LJC	CHECKED: LJC	CHECKED:
DATE: 10/20/2010		PROJECT:

SCALE: NOTED

STAMP
SIGNATURE:
DATE:

LEONARD CHAUVIN P.E., P.L.S., INC.
CIVIL ENGINEER - LAND SURVEYOR
627 JACKSON ST. THIBODAUX, LA.

OWNER: NATIONAL AUDUBON SOCIETY

PROJECT: PROPOSED SPOIL BANK REFURBISHMENTS ON PROPERTY FOR NATIONAL AUDUBON SOCIETY, E.A. McILHENNEY ENTERPRISE, VERMILLION CORPORATION, AND SHERRILL SAGRERA et al

SHEET 13



DATE	DESCRIPTION		BY
REVISION			
FILE: E:\CAD\10-659\McILHENNEY ENGINEERING DRAWINGS.DWG			
DESIGNED: DCR	DETAILED: DCR	TRACED:	
CHECKED: LJC	CHECKED: LJC	CHECKED:	
DATE: 10/25/2010		PROJECT:	

SCALE:

SCALE IN FEET

2,000' 1,000' 0 2,000' 4,000' 6,000'

STAMP

SIGNATURE:

DATE:

LEONARD CHAUVIN P.E., P.L.S., INC.
CIVIL ENGINEER – LAND SURVEYOR
627 JACKSON ST. THIBODAUX, LA.

OWNER: NATIONAL AUDUBON SOCIETY

PROJECT:

PROPOSED SPOIL BANK REFURBISHMENTS ON PROPERTY FOR NATIONAL AUDUBON SOCIETY, E.A. McILHENNEY ENTERPRISE, VERMILLION CORPORATION, AND SHERRILL SAGRERA et al

SHEET 14

REACHES A THROUGH F
SEE SHEETS 16, 19, AND 20 OF 20
FOR PROFILES, SECTION, AND DETAILS

REACH A 138'

REACH B 85'

REACH C 1051'

REACH D 256'

REACH E 377'

REACH F 7

REACH G
SEE SHEET 16 OF 20
FOR PLAN VIEW

FRESHWATER BAYOU

E. A. McILHENNEY ENTERPRISE

T17S – R2E / R1E

7 8 9 13 18 16 17 24 19 20

PIC 1 PIC 2 PIC 3 PIC 6

-5.07'X 2.00' -5.37'X -6.79'X -6.46'X -6.49'X -5.23'X -5.21'X

-4.89'X 2.77' X-6.70' 1.82' X-6.92' -6.20'X 2.09'A

1.88' 6.46'X 1.39'

LEGEND

SPOIL BANK TO BE REFURBISHED

X 4.27' EXISTING SPOIL BANK ELEVATION

X-2.50' EXISTING WATER BOTTOM ELEVATION

IMAGE BASE 2005 D.O.Q.Q.

DATE	DESCRIPTION	BY

REVISION

FILE: E:\CAD\10-859\McILHENNY ENGINEERING DRAWINGS.DWG

DESIGNED: DCR	DETAILED: DCR	TRACED:
CHECKED: LJC	CHECKED: LJC	CHECKED:
DATE: 10/25/2010		PROJECT:

SCALE:

SCALE IN FEET

1,000' 500' 0 1,000' 1,500' 2,000'

STAMP

SIGNATURE:

DATE:

LEONARD CHAUVIN P.E., P.L.S., INC.
CIVIL ENGINEER – LAND SURVEYOR
627 JACKSON ST. THIBODAUX, LA.

OWNER: NATIONAL AUDUBON SOCIETY

PROPOSED SPOIL BANK REFURBISHMENTS ON PROPERTY FOR NATIONAL AUDUBON SOCIETY, E.A. McILHENNEY ENTERPRISE, VERMILLION CORPORATION, AND SHERRILL SAGRERA et al

PROJECT:

SHEET 15



DATE	DESCRIPTION	BY

REVISION

FILE: E:\CAD\10-859\McILHENNY ENGINEERING DRAWINGS.DWG

DESIGNED: DCR	DETAILED: DCR	TRACED:
CHECKED: LJC	CHECKED: LJC	CHECKED:
DATE: 10/25/2010		PROJECT:

SCALE:

SCALE IN FEET

1,000' 500' 0 1,000' 1,500' 2,000'

STAMP

SIGNATURE:

DATE:

LEONARD CHAUVIN P.E., P.L.S., INC.
CIVIL ENGINEER – LAND SURVEYOR
627 JACKSON ST. THIBODAUX, LA.

OWNER NATIONAL AUDUBON SOCIETY

PROJECT: PROPOSED SPOIL BANK REFURBISHMENTS ON PROPERTY FOR NATIONAL AUDUBON SOCIETY, E.A. McILHENNEY ENTERPRISE, VERMILLION CORPORATION, AND SHERRILL SAGRERA et al

SHEET 16



PIC 1



PIC 2



PIC 3



PIC 4



PIC 5



PIC 6



PIC 7



PIC 8

DATE	DESCRIPTION	BY

REVISION

FILE: E:\CAD\10-859\McILHENNY ENGINEERING DRAWINGS.DWG

DESIGNED: DCR	DETAILED: DCR	TRACED:
CHECKED: LJC	CHECKED: LJC	CHECKED:
DATE: 10/25/2010		PROJECT:

SCALE:

SCALE IN FEET

1,000' 500' 0 1,000' 1,500' 2,000'

STAMP

SIGNATURE:

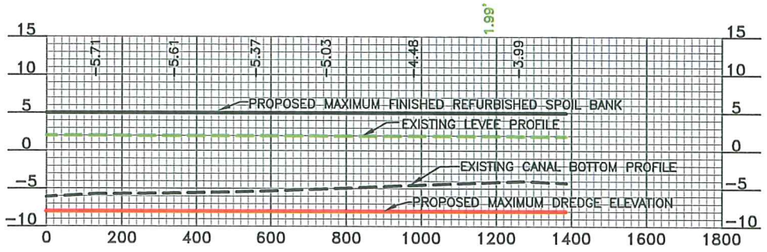
DATE:

LEONARD CHAUVIN P.E., P.L.S., INC.
CIVIL ENGINEER – LAND SURVEYOR
627 JACKSON ST. THIBODAUX, LA.

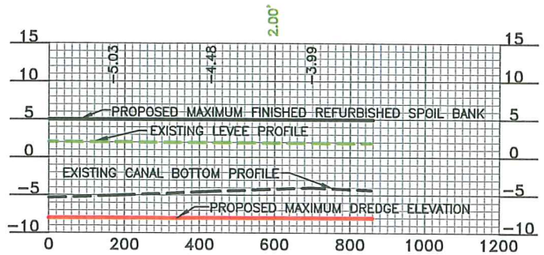
OWNER: NATIONAL AUDUBON SOCIETY

PROJECT: PROPOSED SPOIL BANK REFURBISHMENTS ON PROPERTY FOR NATIONAL AUDUBON SOCIETY, E.A. McILHENNEY ENTERPRISE, VERMILLION CORPORATION, AND SHERRILL SAGRERA et al

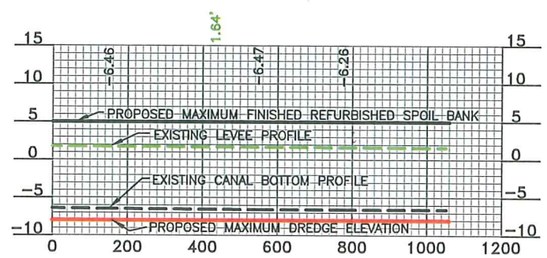
SHEET 17



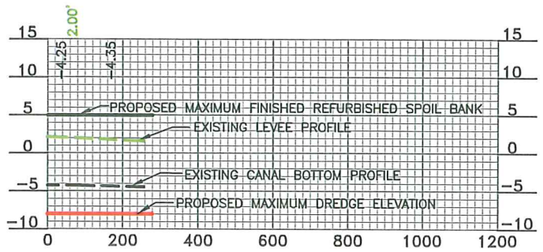
REACH A



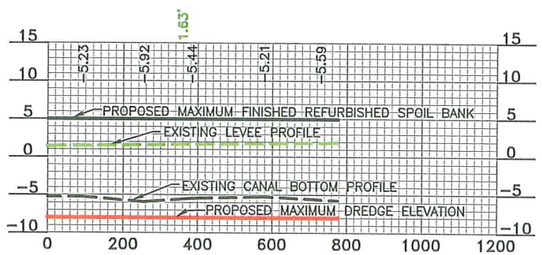
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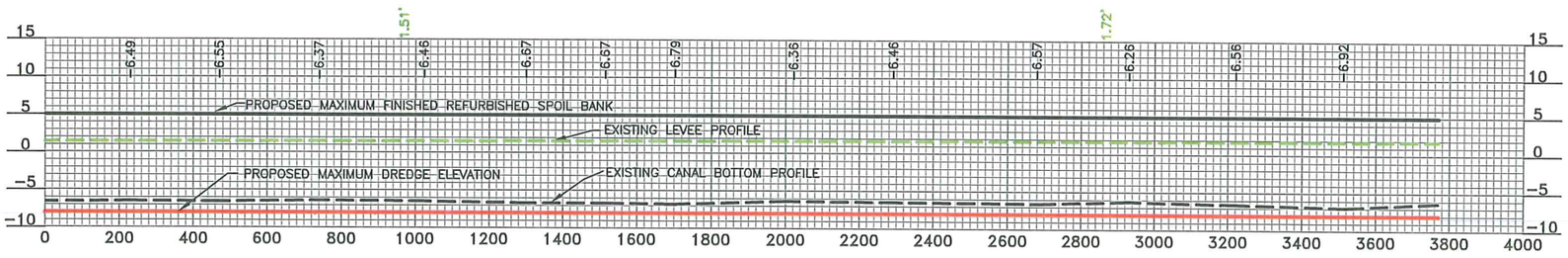
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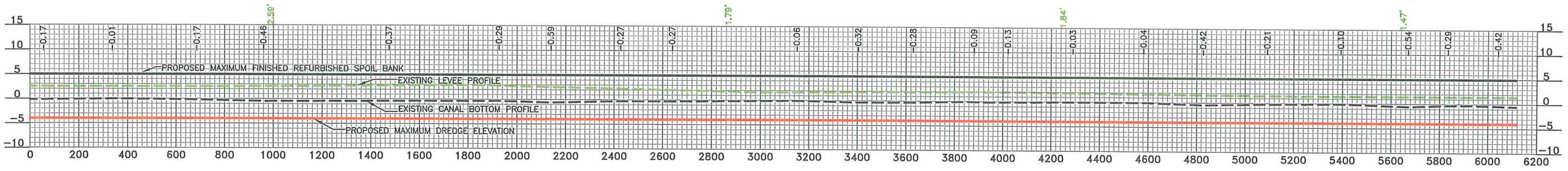
REACH D



REACH F



REACH E



REACH G

PROFILE VIEW

DATE	DESCRIPTION	BY

REVISION

FILE: E:\CAD\10-859\SAGRERA ENGINEERING DRAWINGS.DWG

DESIGNED: DCR	DETAILED: DCR	TRACED:
CHECKED: LJC	CHECKED: LJC	CHECKED:
DATE: 10/20/2010		PROJECT:

SCALE IN FEET

400' 200' 0 400' 800' 1,200'

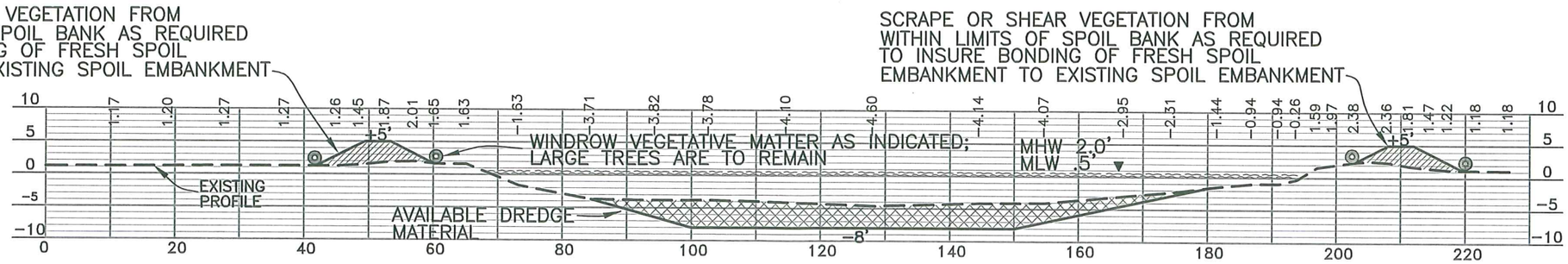
SIGNATURE:

DATE:

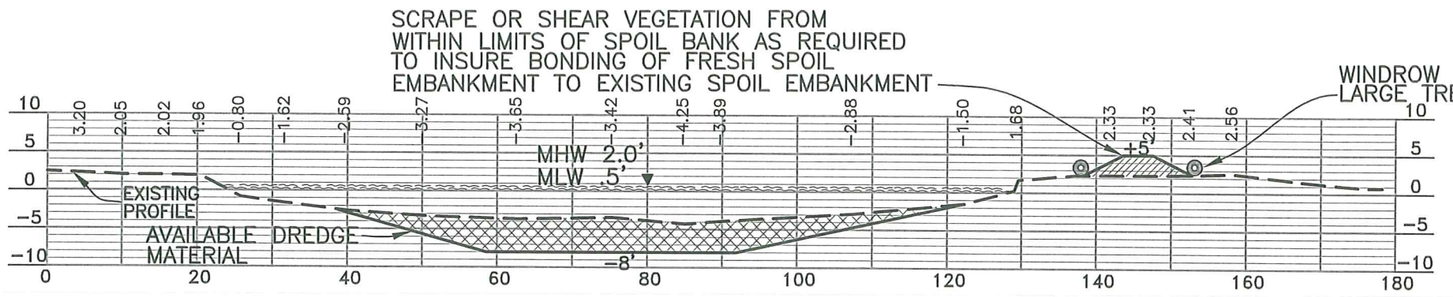
LEONARD CHAUVIN P.E., P.L.S., INC.
CIVIL ENGINEER – LAND SURVEYOR
627 JACKSON ST. THIBODAUX, LA.

OWNER: NATIONAL AUDUBON SOCIETY

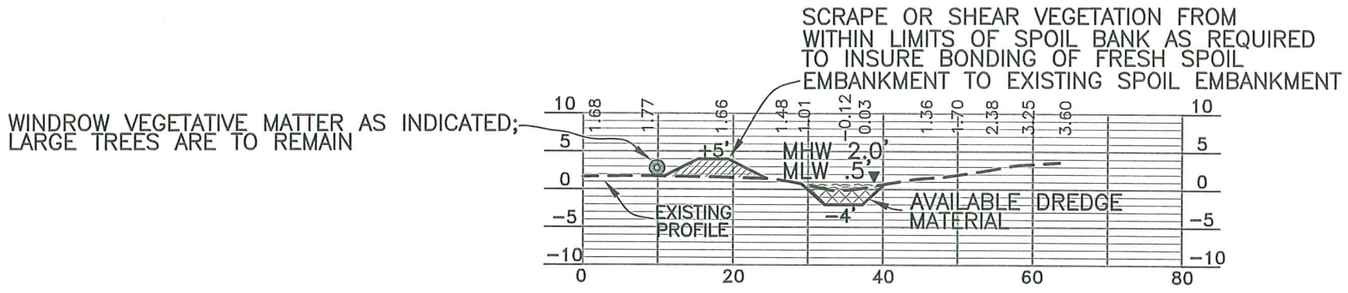
PROJECT: PROPOSED SPOIL BANK REFURBISHMENTS ON PROPERTY FOR NATIONAL AUDUBON SOCIETY, E.A. McILHENNEY ENTERPRISE, VERMILLION CORPORATION, AND SHERRILL SAGRERA et al



TYPICAL SECTION A–A



TYPICAL SECTION B–B



TYPICAL SECTION C–C

CROSS SECTION PLAN

DATE	DESCRIPTION	BY

REVISION

FILE: E:\CAD\10-859\McILHENNEY ENGINEERING PROFILE

DESIGNED: DCR	DETAILED: DCR	TRACED:
CHECKED: LJC	CHECKED: LJC	CHECKED:
DATE: 10/26/2010		PROJECT:

SCALE:

SCALE IN FEET

20' 10' 0 20' 40' 60'

STAMP

SIGNATURE:

DATE:

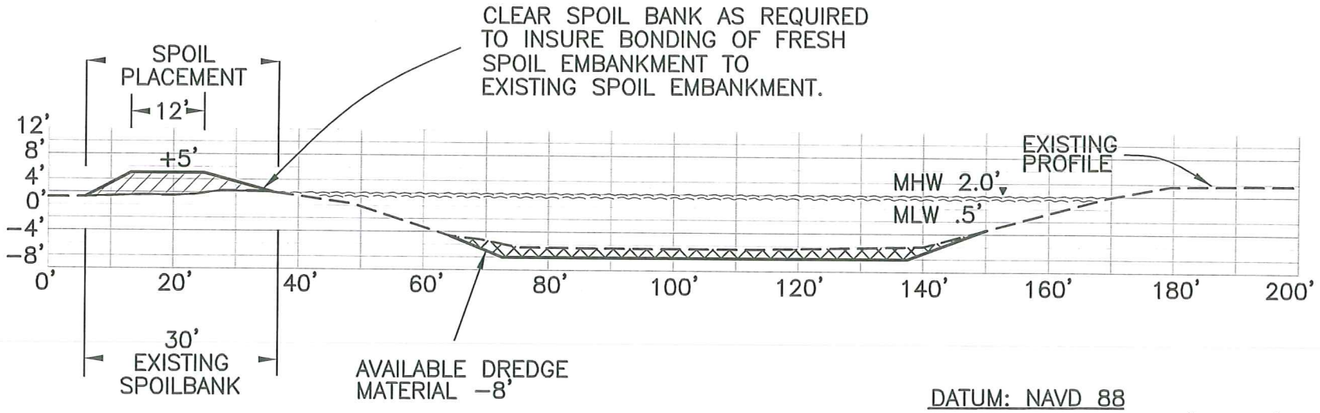
LEONARD CHAUVIN P.E., P.L.S., INC.
CIVIL ENGINEER – LAND SURVEYOR
627 JACKSON ST. THIBODAUX, LA.

OWNER: NATIONAL AUDUBON SOCIETY

PROJECT: PROPOSED SPOIL BANK REFURBISHMENTS ON PROPERTY FOR NATIONAL AUDUBON SOCIETY, E.A. McILHENNEY ENTERPRISE, VERMILLION CORPORATION, AND SHERRILL SAGRERA et al

SHEET 19

NOTE:
DIMENSIONS AND TYPICAL SECTION SHOWN FOR SPOIL BANK AND BORROW AREA, HAVE BEEN DERIVED FROM PERMITS.



DATUM: NAVD 88
HORIZONTAL SCALE: 1" = 30'
VERTICAL SCALE: 1" = 30'

TYPICAL SECTION
REACHES A THROUGH G

GENERAL NOTES:

1) VERTICAL DATUM NAVD 88

2) GPS DATA PROCESSED USING GEOID 09

3) AVERAGE ELEVATION OF WATER IS +1.3'
MEAN HIGH WATER (MHW) +2.0'
MEAN LOW WATER (MLW) +0.5'

4) ALL PROPOSED WORK SHALL BE COMPLETED IN ACCORDANCE WITH LOUISIANA DEPARTMENT OF NATURAL RESOURCES PERMIT NUMBER P20020507 AND APPLICABLE REVISIONS AND U.S. ARMY CORP OF ENGINEERS PERMIT NUMBER WI-19-990-2710-01

5) DO NOT EXCEED LIMITS FOR SPOIL PLACEMENT INDICATED ON TYPICAL SECTION.

6) THE CONTRACTER SHALL FOLLOW NAVIGABLE ACCESS ROUTES AND SHALL NOT, AT ANYTIME,

WETLANDS OUTSIDE OF THE PROJECT BOUNDARIES UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

7) THE CONTRACTER SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ANY PIPELINES AND NOTIFYING PIPELINE OPERATORS 48 HOURS IN ADVANCE OF THE WORK, ALL PIPELINES SHALL BE MARKED WITH STAKES BY THE CONTRACTER. THE CONTRACTER SHALL MAINTAIN STAKES DURING CONSTRUCTION TO AVOID DREDGING OVER PIPELINE AREAS. THE CONTRACTER SHALL NOT ANCHOR OR EXCAVATE WITHIN ANY PIPELINE RIGHT OF WAY.

NOTICE: 48 HOURS BEFORE DREDGING CALL LOUISIANA ONE CALL AT 1-800-272-3020 TO LOCATE ANY OTHER PIPELINES OR UTILITIES.

8) EXCAVATION IS LIMITED TO OPEN WATER AREA. THERE WILL BE NO EXCAVATION OF MARSH.

9) REACH G SHALL BE COMPLETED WITH A MARSH BUGGY EXCAVATOR. MARSH BUGGY SHALL ACCESS REACH G ALONG ACCESS ROUTE SHOWN ON SHEET 14 OF 20.

DETAIL SHEET

DATE	DESCRIPTION	BY
	REVISION	

FILE: E:\CAD\10-859\02-VICINITY

DESIGNED: DCR	DETAILED: DCR	TRACED:
CHECKED: LJC	CHECKED: LJC	CHECKED:
DATE: 09/20/2010		PROJECT:

SCALE: NOTED

STAMP
SIGNATURE:
DATE:

LEONARD CHAUVIN P.E., P.L.S., INC.
CIVIL ENGINEER - LAND SURVEYOR
627 JACKSON ST. THIBODAUX, LA.

OWNER: NATIONAL AUDUBON SOCIETY

PROJECT: PROPOSED SPOIL BANK REFURBISHMENTS ON PROPERTY FOR NATIONAL AUDUBON SOCIETY, E.A. McILHENNEY ENTERPRISE, VERMILLION CORPORATION, AND SHERRILL SAGRERA et al

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT

P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: **P20100408**

C.O.E. No.: **MVN- 2010- 00797- MV**

NAME: **E.A. MCILHENNY**
c/o LEONARD CHAUVIN P.E., P.L.S., INC.
627 JACKSON ST.
THIBODAUX, LA 70301
Attn: Dustin Rabalais

LOCATION: **Vermilion Parish, LA**
Section 1, T16S-R2E; Lat. 29º 39' 58.44"N, Long. -92º 12' 18.48"W.

DESCRIPTION: After the fact permit for repair of a 60' x 10' washout in existing spoil levee that was carried out under EUA 10-026. Approximately 35 cubic yards of material was excavated by barge-mounted excavator from a 20' x 25' area in the adjacent waterbottom and placed on the levee. The barge drafted a maximum of 3' and no access dredging was required. No additional dredge or fill was required.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, and/or operate the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Office of Coastal Management of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Office of Coastal Management by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two years from the date of the signature of the Secretary or his designee. If the coastal use is not initiated within this two year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for the purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith, and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

a. The water bottom shall not be disturbed during access to the proposed work location, or by the authorized activities, except as depicted on the plats, whether it be by dredging, wheel washing, propwashing, jetting, mucking, plowing, bull dozing or any other means of moving bottom material. Powered vessels shall be operated so as not to disturb the water bottom by propeller or jet action.

b. All logs, stumps and other debris unearthed during dredging shall be removed to an approved disposal site on land.

c. That permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary treatment (30 mg/l BOD5) with disinfection prior to discharge into any of the streams or adjacent waters of the area or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.

d. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

e. As-built drawings shall be submitted within 30 days of completion of this project to the Louisiana Department of Natural Resources, Office of Coastal Management, PO Box 44487, Baton Rouge, LA 70804-4487.

f. That should changes in the location or the section of the existing waterways, or in the generally prevailing conditions in the vicinity be required in the future, in the public interest, Permittee shall make such changes in the project concerned or in the arrangement thereof as may be necessary to satisfactorily meet the situation and shall bear the cost thereof. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for project modifications.

g. The following conditions have been provided by the Louisiana Department of Wildlife and Fisheries:

Ecological Studies:
Access to the site should be from the adjacent canal or non-wetland areas, borrow material should not be allowed to cover existing marsh, and equipment should remain outside of wetland areas.

Louisiana Natural Heritage Program:
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 Louisiana Natural Heritage Program (LNHP) has compiled data on rare, endangered, or otherwise significant plant and animal species, plant communities, and other natural features throughout the State of Louisiana. LNHP reports summarize the existing information known at the time of the request regarding the location in question. LNHP 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 LNHP tracked species are encountered within the project area, please contact our biologist at 225-765-2643.

h. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

i. No wheeled or tracked vehicles or airboats are to be used in any phase (pulling pipe, transporting people moving equipment and/or materials, etc.) of the authorized work across vegetated wetland areas. Spoil shall only be placed on non-wet areas as depicted on the plats.

j. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.

k. Permittee shall allow representatives of the Office of Coastal Management or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.

l. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.

m. This permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D.). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

The expiration date of this permit is five (5) years from the date of the signature of the Secretary or his designee.

Upon expiration of this permit, a new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

********** End of Conditions **********

By accepting this permit the applicant agrees to its terms and conditions.

I affix my signature and issue this permit this 25th day of October, 2010.

THE DEPARTMENT OF NATURAL RESOURCES

Karl L. Morgan, Acting Administrator
Office of Coastal Management

This agreement becomes binding when signed by Administrator of
the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

Attachments

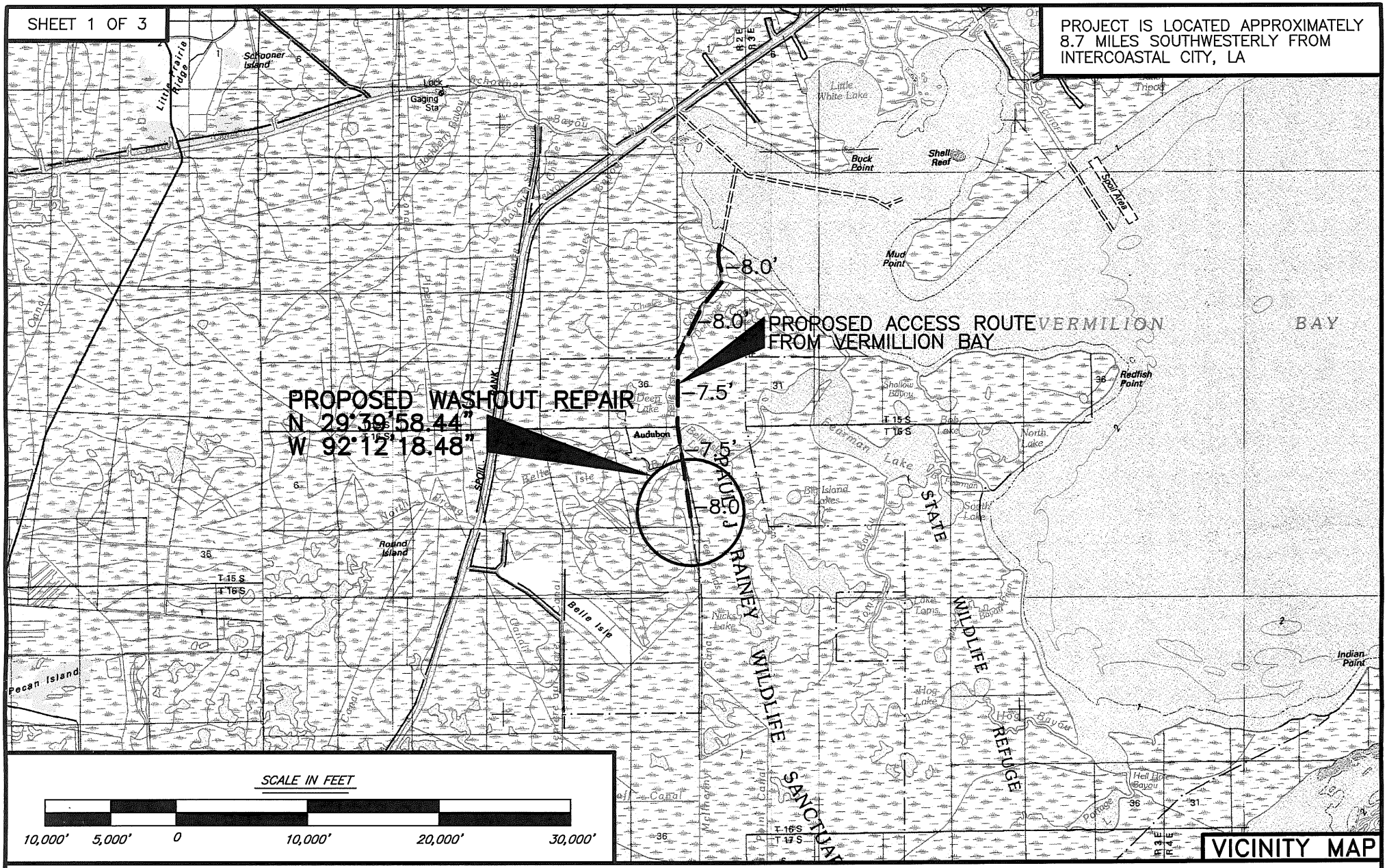
Final Plats:

1) P20100408 Final Plats 08/30/2010

cc: Pete Serio, COE w/attachments
Dave Butler, LDWF w/attachments
Stephen Broussard, LED w/attachments
Peggy Rooney, OCM w/attachments
Charlie Mestayer, OCM/FI w/attachments

E.A. MCILHENNEY w/attachments

PROJECT IS LOCATED APPROXIMATELY 8.7 MILES SOUTHWESTERLY FROM INTERCOASTAL CITY, LA



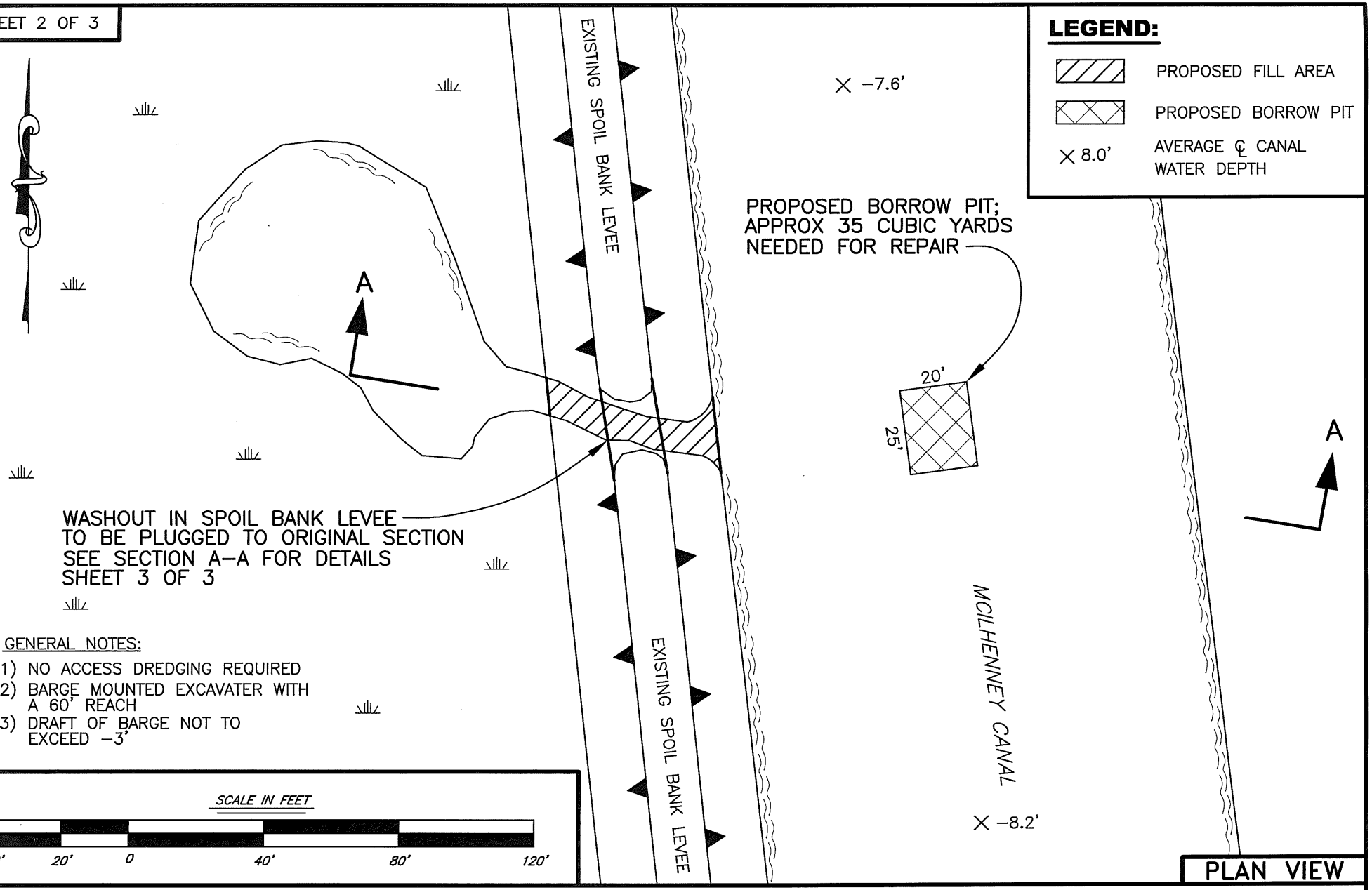
PURPOSE: PREVENT DAMAGED MARSH FROM ERODING THROUGH THE REFERENCED WASHOUT.

EMERGENCY USE AUTHORIZATION

PROPOSED WASHOUT REPAIR LOCATED SECTION 1; T16S–R2E VERMILLION PARISH, LOUISIANA

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 MAR DRIVE LOCKPORT, LA

APPLICATION BY: E.A. MCILHENNEY
DATE: APRIL 1, 2010 REV: AUGUST 15, 2010



GENERAL NOTES:

1) NO ACCESS DREDGING REQUIRED
2) BARGE MOUNTED EXCAVATER WITH A 60' REACH
3) DRAFT OF BARGE NOT TO EXCEED −3'

PURPOSE: PREVENT DAMAGED MARSH FROM ERODING THROUGH THE REFERENCED WASHOUT.

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 MAR DRIVE LOCKPORT, LA

PERMIT PLAT

PROPOSED WASHOUT REPAIR LOCATED SECTION 1; T16S–R2E VERMILLION PARISH, LOUISIANA

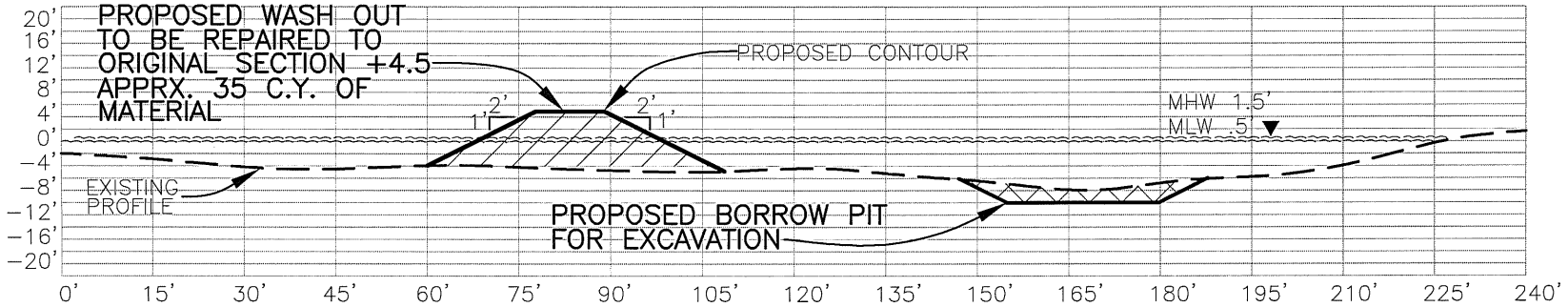
APPLICATION BY: E.A. MCILHENNEY
DATE: APRIL 1, 2010

REV: AUGUST 15, 2010

LEGEND:

PROPOSED FILL AREA

PROPOSED BORROW PIT



DATUM: NAVD 83

SCALE IN FEET

30' 15' 0 30' 60' 90'

TYPICAL SECTION

PURPOSE: PREVENT DAMAGED MARSH FROM ERODING THROUGH THE REFERENCED WASHOUT.

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 MAR DRIVE LOCKPORT, LA

EMERGENCY USE AUTHORIZATION

PROPOSED WASHOUT REPAIR LOCATED SECTION 1; T16S–R2E VERMILLION PARISH, LOUISIANA

APPLICATION BY: E.A. MCILHENNEY
DATE: APRIL 1, 2010

REV: AUGUST 15, 2010

DEPARTMENT OF NATURAL RESOURCES
COASTAL MANAGEMENT DIVISION

P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: **P20090136**

C.O.E. No.: **MVN- 2009- 01433- WJJ**

NAME: **EXXONMOBIL PRODUCTION COMPANY**
P.O. BOX 4358
HOUSTON, TX 77210-4358
Attn: Michael Barbella

LOCATION: **Vermilion Parish, LA**
Lat. 29º 36' 47"N, Long. -92º 20' 22"W. (coordinates for additional locations are indicated on the plats)

DESCRIPTION: Proposed levee repairs due to washouts in 42 separate locations in the Pecan Island Field, Vermilion Parish, Louisiana. Approximately 1,387 cubic yards of fill will be excavated from the adjacent canals in order to make the repairs. Dimensions of the excavation sites will be 10-16'x20'x3' in size. Access to shallow depth areas will be accomplished by using a marsh buggy with 20' right-of-way. Other work will be carried out with shallow draft barges. No additional dredge or fill is required.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, and/or operate the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Coastal Management Division of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Coastal Management Division by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two years from the date of the signature of the Secretary or his designee. If the coastal use is not initiated within this two year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for the purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themseleves do not require a permit. In addition, the permittee must, in good faith, and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

a. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

b. All logs, stumps and other debris unearthed during dredging shall be buried a minimum of one (1) foot beneath the bottom of the waterway or removed to an approved disposal site on land.

c. That permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject

project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary treatment (30 mg/l BOD5) with disinfection prior to discharge into any of the streams or adjacent waters of the area or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.

d. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

e. All structures, facilities, wells, and pipelines/flowlines occurring in open water areas or in oil field 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, for such removal activities.

   Site clearance of abandoned oil and gas facilities located in Louisiana State waters is also subject to authorization by the Office of Conservation pursuant to La. R.S. 30:4(J). The Site Clearance and Verification for Abandoned Oil and Gas Structures Regulations became effective December 20, 1992. The Pipeline Division (225/342-5505) within the Office of Conservation is the designated regulatory agency for this regulation.

f. All structures built under the authorization and conditions of this permit shall be removed from the site within 120 days of abandonment of the facilities for the herein permitted use, or when these structures fall into a state of disrepair such that they can no longer function as intended. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for such removal activities.

g. As-built drawings shall be submitted within 30 days of completion of this project to the Louisiana Department of Natural Resources, Coastal Management Division, PO Box 44487, Baton Rouge, LA 70804-4487.

h. Structures must be marked/lighted in accordance with U. S. Coast Guard regulations.

i. That should changes in the location or the section of the existing waterways, or in the generally prevailing conditions in the vicinity be required in the future, in the public interest, Permittee shall make such changes in the project concerned or in the arrangement thereof as may be necessary to satisfactorily meet the situation and shall bear the cost thereof. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for project modifications.

j. The project may be inspected by Coastal Management Division within two (2) years of the construction to determine if the project components (plugs, gaps, canal, water control structures, etc.) are operating in a satisfactory manner. Should the plug or other project components not be functioning at that time Permittee shall be required to perform maintenance activities needed to return the project to proper functioning; (such as returning the plug to its intended water blocking function).

k. No wheeled or tracked vehicles are to be used in any phase of the levee repair process across vegetated wetland areas.

l. Excavated material shall not be placed on the marsh.

m. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.

n. Permittee shall allow representatives of the Coastal Management Division or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.

o. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.

p. This permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D.). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

The expiration date of this permit is five (5) years from the date of the signature of the Secretary or his designee.

Upon expiration of this permit, a new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

********** End of Conditions **********

By accepting this permit the applicant agrees to its terms and conditions.

I affix my signature and issue this permit this 22nd day of July, 2009.

THE DEPARTMENT OF NATURAL RESOURCES

Karl L. Morgan, Acting Administrator
Coastal Management Division

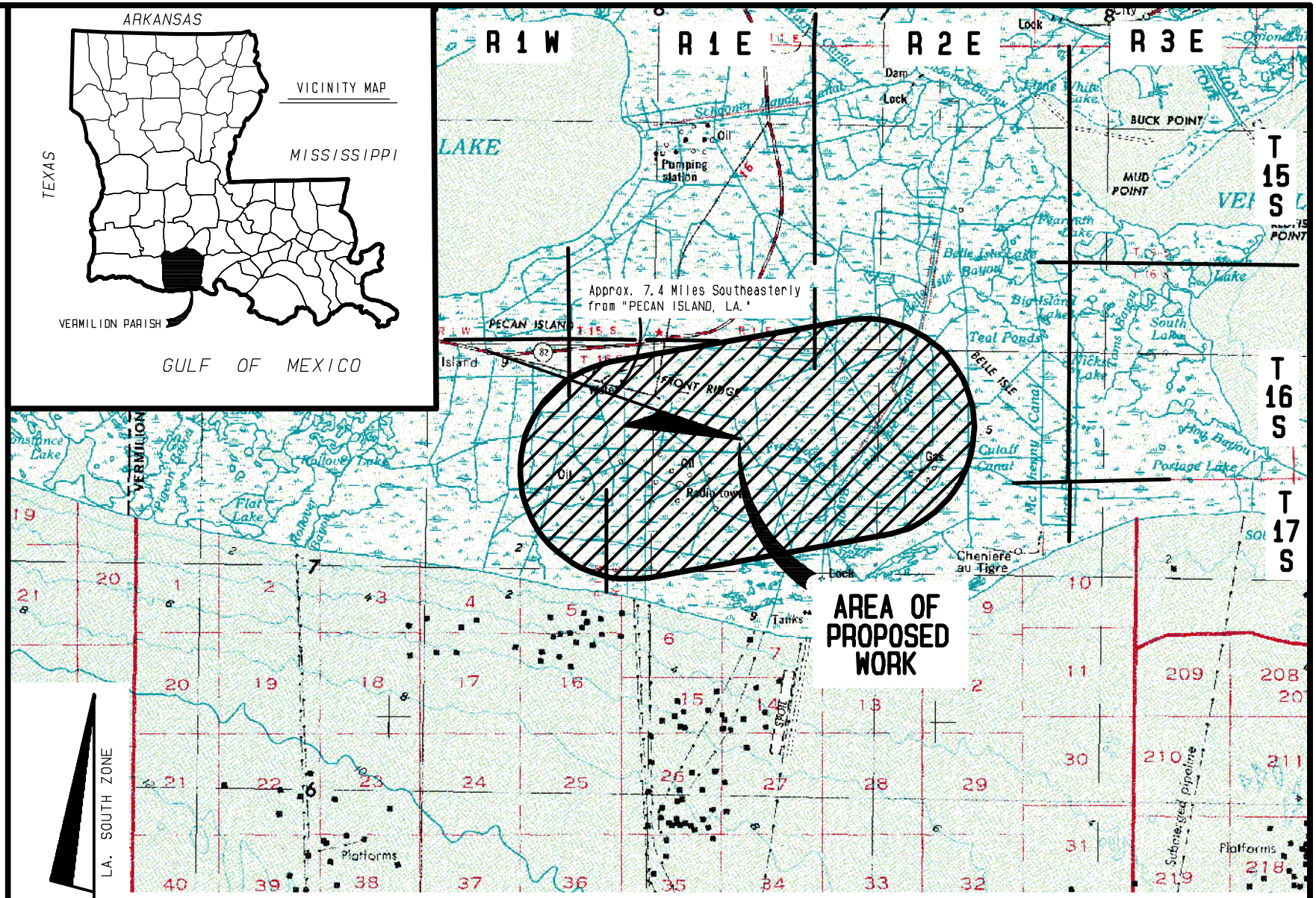
This agreement becomes binding when signed by Administrator of
the Coastal Management Division, Department of Natural Resources.

Attachments

Final Plats:

1) P20090136 Final Plats 05/28/2009

cc: Pete Serio, COE w/attachments
Dave Butler, LDWF w/attachments
Chuck Spears, CMD/SS w/attachments
Charlie Mestayer, CMD/FI w/attachments



NOTE:
THE CONTENTS OF THESE PLANS ARE INTENDED EXCLUSIVELY FOR THE PURPOSE OF OBTAINING ENVIRONMENTAL COMPLIANCE PERMITS.

Topography obtained from U S. Geological Survey Map "PORT ARTHUR, TEXAS; LOUISIANA", 1956 Edition, Revised 1973.

VICINITY MAP

Scale: 1: 250, 000

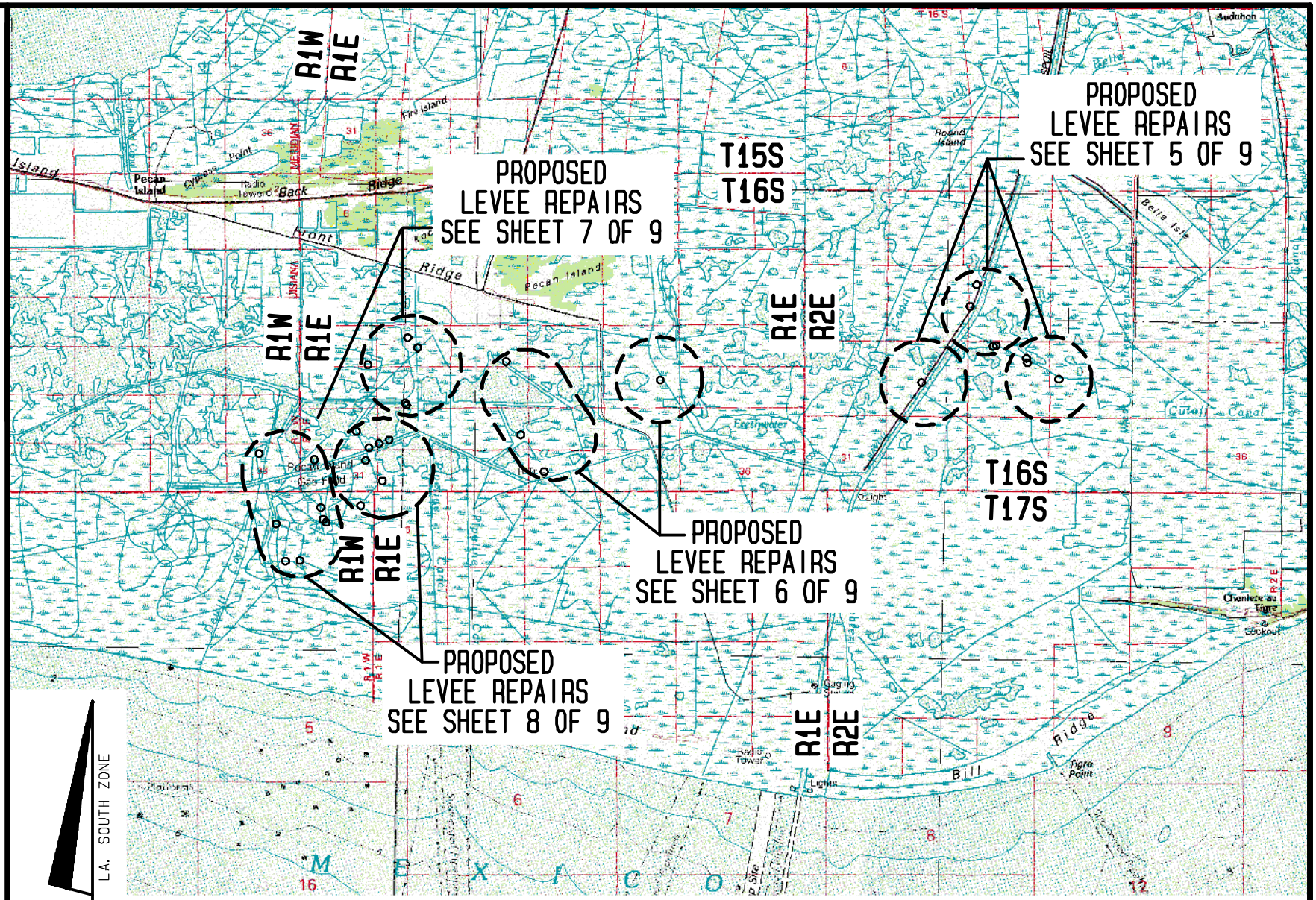
APPLICATION BY:
EXXON MOBIL CORPORATION

Prepared by:
ExxonMobil Production Company
U. S. PRODUCTION
HOUSTON, TX.

PROPOSED LEVEE REPAIR
POST HURRICANE IKE DREDGING PECAN ISLAND FIELD
T16S-R1W, T16S-R1E , T16S-R2E, T17S-R1W & T17S-R1E
Vermilion Parish, Louisiana

PREPARED BY: C. H. Fenstermaker & Associates, Inc., Lafayette & New Orleans, Louisiana, & Houston, Texas

DRAWN BY: TNV PROJ MGR.: RLL	CHECKED BY: SAB	DATE: January 23, 2009	REVISED: 03/18/09, 04/30/09, 02/26/09, 04/03/09, 05/18/09, 05/26/09 RLL	SHEET 1 OF 9 SHEETS	I:/infocad/pcx/usgs/la/drg/south/250k 12 2084315 i:/infocad/west/IMAGE8 542



NOTE:
THE CONTENTS OF THESE PLANS ARE INTENDED EXCLUSIVELY FOR THE PURPOSE OF OBTAINING ENVIRONMENTAL COMPLIANCE PERMITS.

Topography obtained from U.S. Geological Survey Map "WHITE LAKE, LA." 1983 Edition

VICINITY MAP

10,000′ 5000′ 0′ 10,000′

Scale: 1= 10,000′

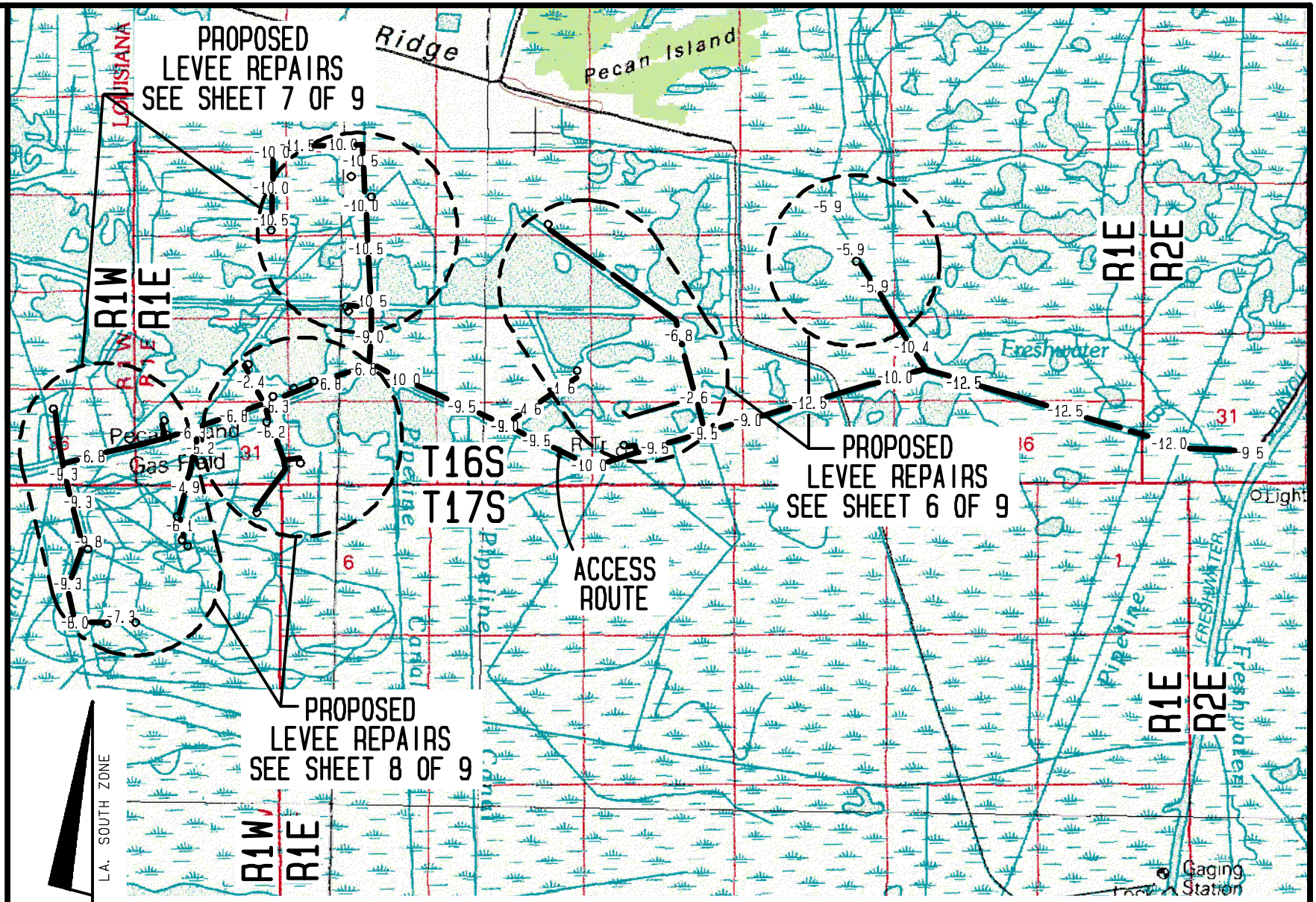
APPLICATION BY:
EXXON MOBIL CORPORATION

Prepared by:
ExxonMobil Production Company
U. S. PRODUCTION
HOUSTON, TX

PROPOSED LEVEE REPAIR
POST HURRICANE IKE DREDGING PECAN ISLAND FIELD
T16S-R1W, T16S-R1E , T16S-R2E, T17S-R1W & T17S-R1E
Vermilion Parish, Louisiana

PREPARED BY: C.H. Fenstermaker & Associates, Inc., Lafayette & New Orleans, Louisiana, & Houston, Texas

DRAWN BY: TNV PROJ. MGR.: RLL	CHECKED BY: SAB	DATE: January 23, 2009	REVISED: 03/18/09, 04/30/09, 02/26/09, 04/03/09, 05/18/09, 05/26/09 ALL	SHEET 2 OF 9 SHEETS	i:/infocad/pcx/usgs/la/drg/south/100k 24 2084315 i:/infocad/exxon/3DPLAT 263



NOTE:
THE CONTENTS OF THESE PLANS ARE INTENDED EXCLUSIVELY FOR THE PURPOSE OF OBTAINING ENVIRONMENTAL COMPLIANCE PERMITS.

Topography obtained from U.S. Geological Survey Map "WHITE LAKE, LA." 1983 Edition

VICINITY MAP

5000' 2500' 0' 5000'

Scale: 1= 5000'

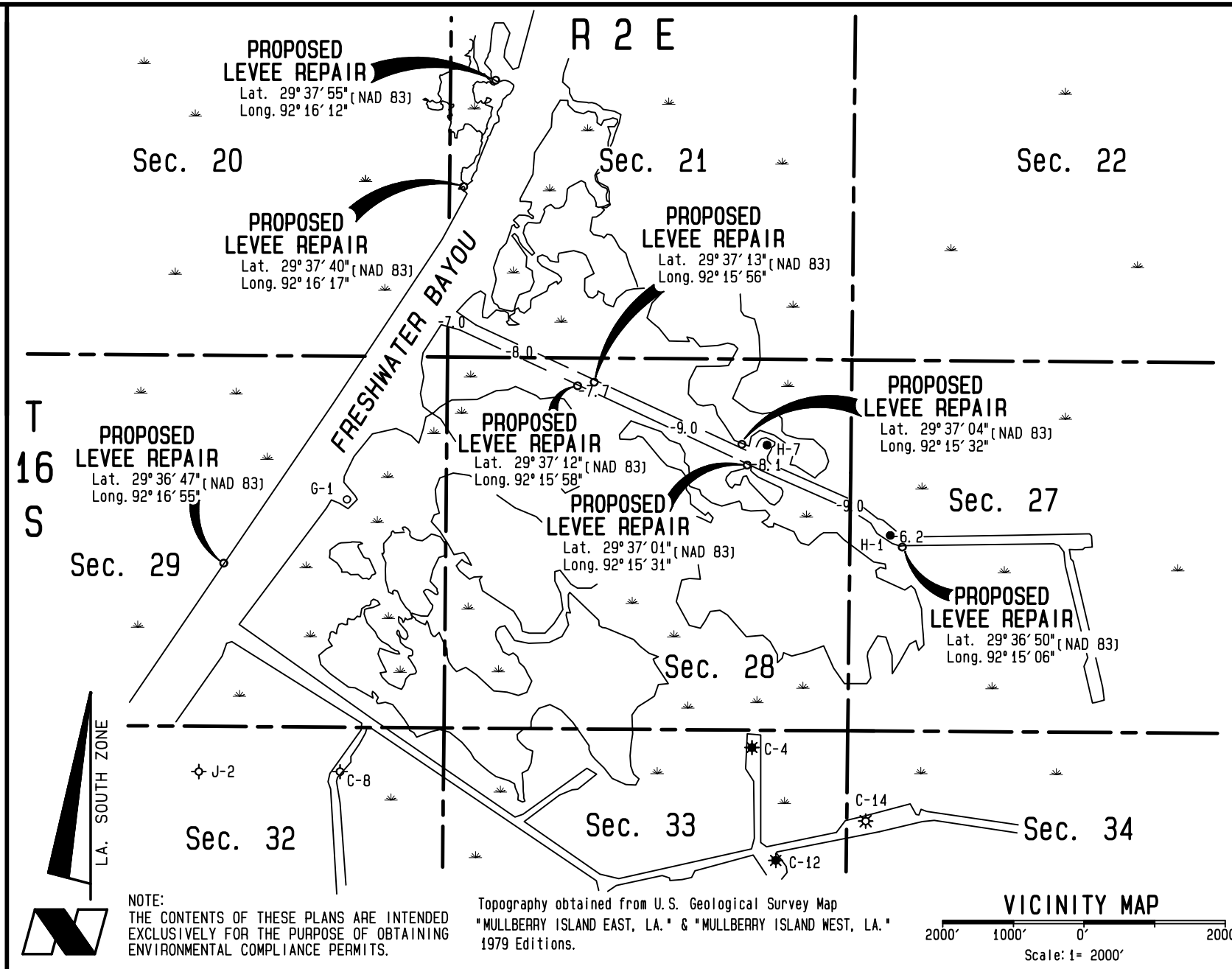
APPLICATION BY:
EXXON MOBIL CORPORATION

Prepared by:
ExxonMobil Production Company
U. S. PRODUCTION
HOUSTON, TX

PROPOSED LEVEE REPAIR
POST HURRICANE IKE DREDGING PECAN ISLAND FIELD
T16S-R1W, T16S-R1E , T16S-R2E, T17S-R1W & T17S-R1E
Vermilion Parish, Louisiana

PREPARED BY: C.H. Fenstermaker & Associates, Inc., Lafayette & New Orleans, Louisiana, & Houston, Texas

DRAWN BY: TNV PROJ. MGR.: RLL	CHECKED BY: SAB	DATE: January 23, 2009	REVISED: 03/18/09, 04/30/09, 02/26/09, 04/03/09, 05/18/09, 05/26/09 RLL	SHEET 3 OF 9 SHEETS	i:/infocad/pcx/usgs/la/drg/south/100k 24 2084315 i:/infocad/exxon/3dplat 264



NOTE:
THE CONTENTS OF THESE PLANS ARE INTENDED EXCLUSIVELY FOR THE PURPOSE OF OBTAINING ENVIRONMENTAL COMPLIANCE PERMITS.

Topography obtained from U.S. Geological Survey Map "MULLBERRY ISLAND EAST, LA." & "MULLBERRY ISLAND WEST, LA." 1979 Editions.

VICINITY MAP
2000′ 1000′ 0′ 2000′
Scale: 1= 2000′

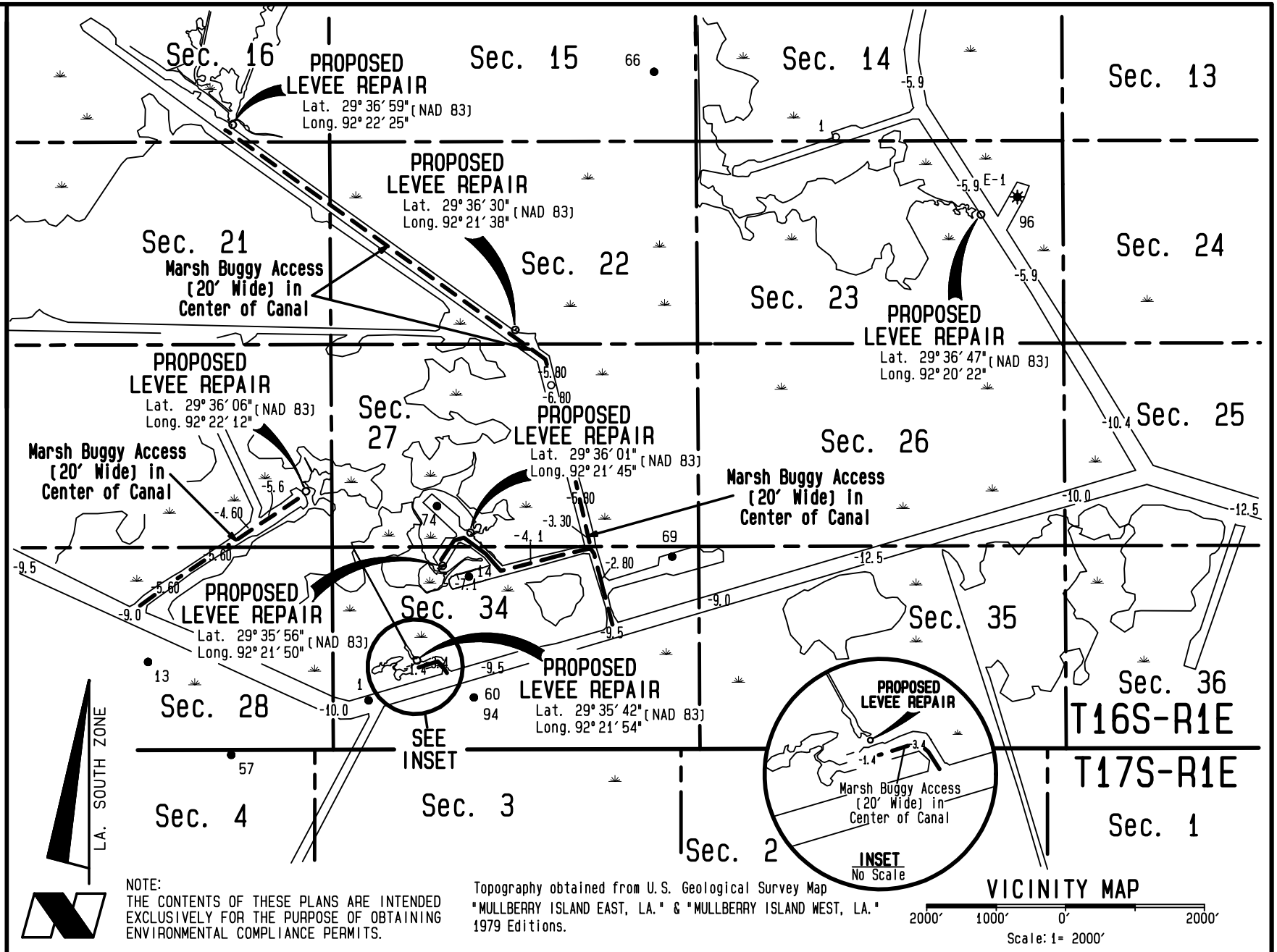
APPLICATION BY:
EXXON MOBIL CORPORATION

Prepared by:
ExxonMobil Production Company
U. S. PRODUCTION
HOUSTON, TX.

PROPOSED LEVEE REPAIR
POST HURRICANE IKE DREDGING PECAN ISLAND FIELD
T16S-R1W, T16S-R1E , T16S-R2E, T17S-R1W & T17S-R1E
Vermilion Parish, Louisiana

PREPARED BY: C. H. Fenstermaker & Associates, Inc., Lafayette & New Orleans, Louisiana, & Houston, Texas

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Topography obtained from U.S. Geological Survey Map "MULLBERRY ISLAND EAST, LA." & "MULLBERRY ISLAND WEST, LA." 1979 Editions.

VICINITY MAP

2000′ 1000′ 0′ 2000′

Scale: 1= 2000′

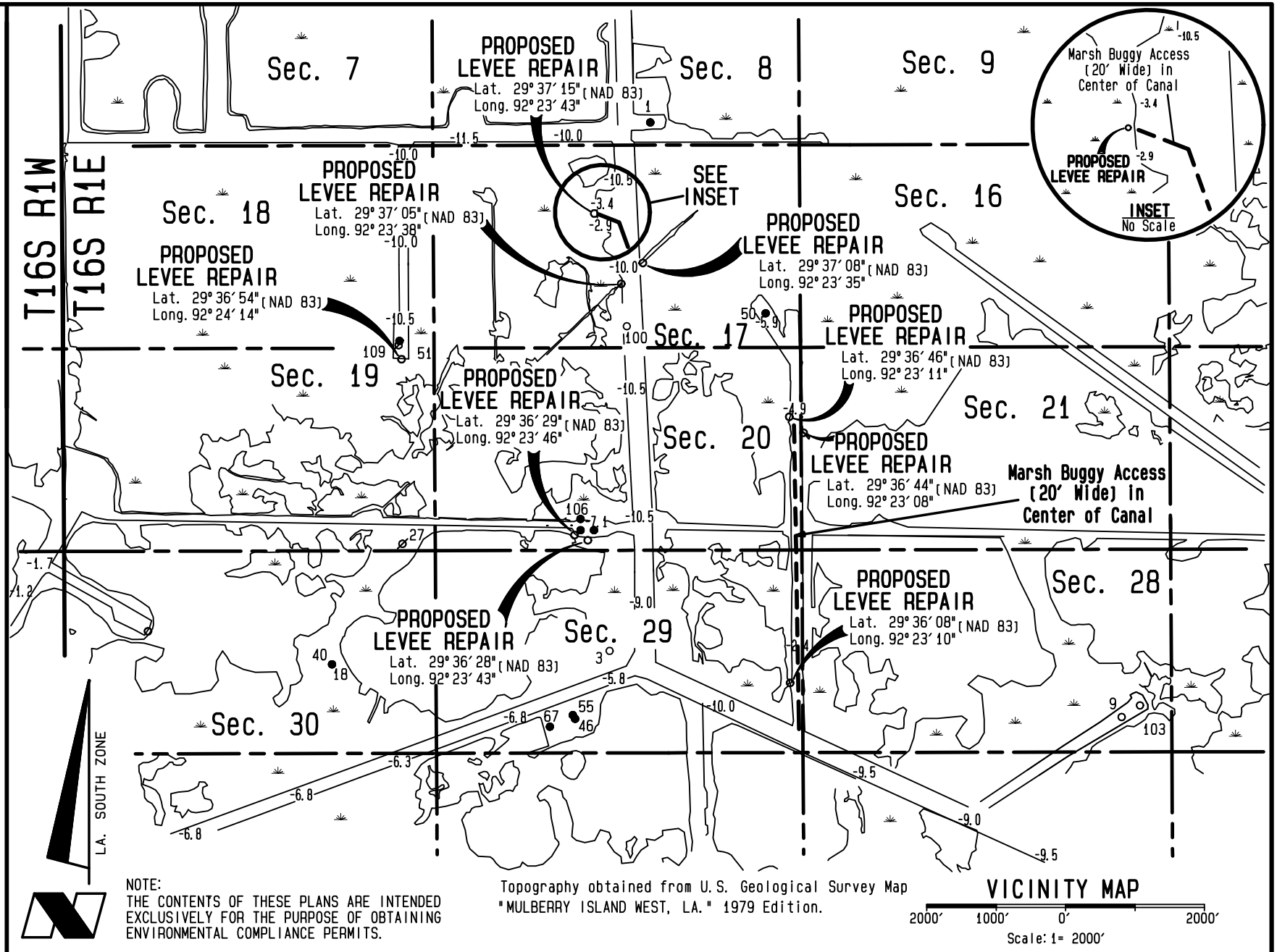
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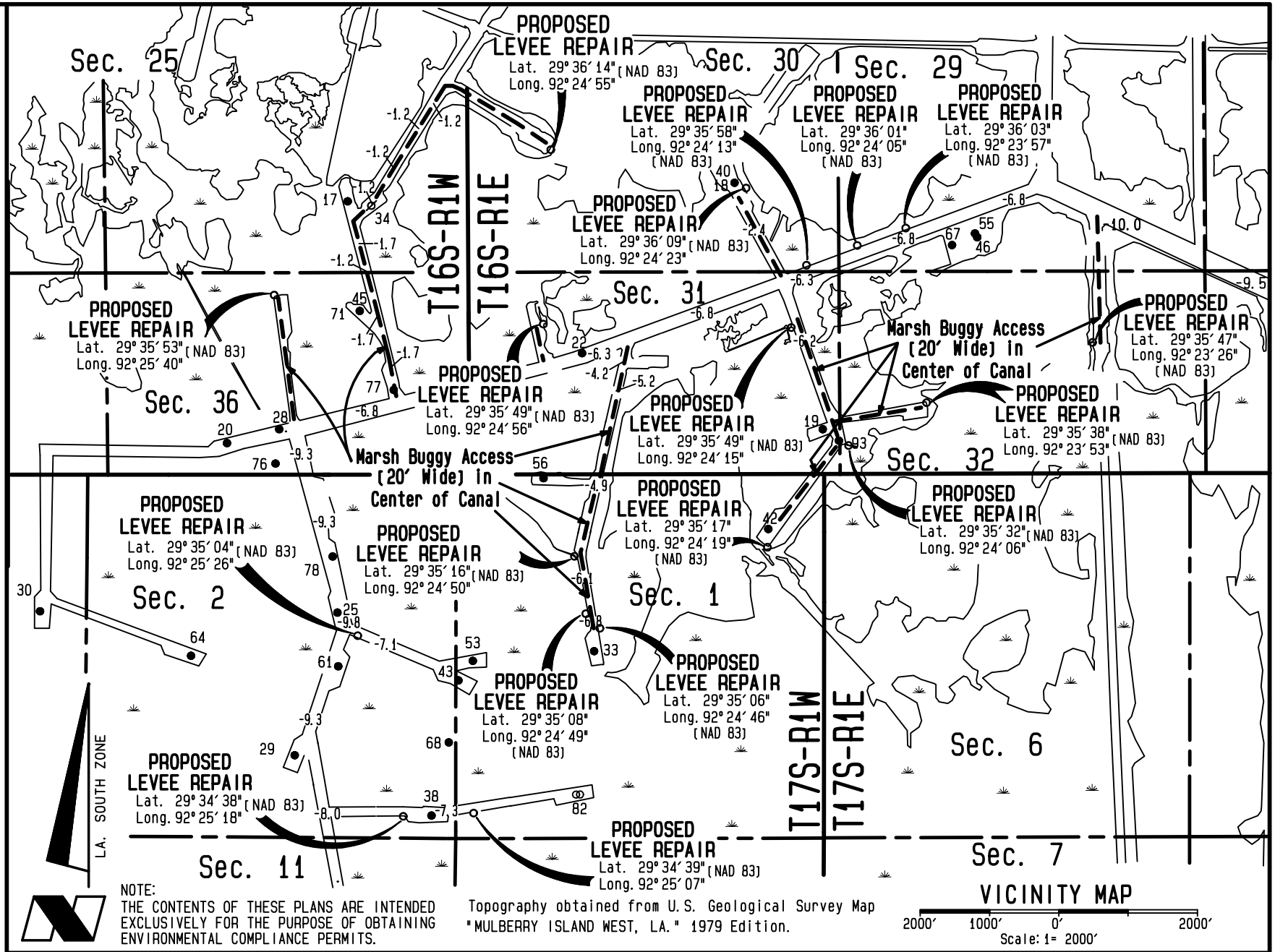
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Topography obtained from U.S. Geological Survey Map "MULBERRY ISLAND WEST, LA." 1979 Edition.

VICINITY MAP

2000' 1000' 0' 2000'

Scale: 1= 2000'

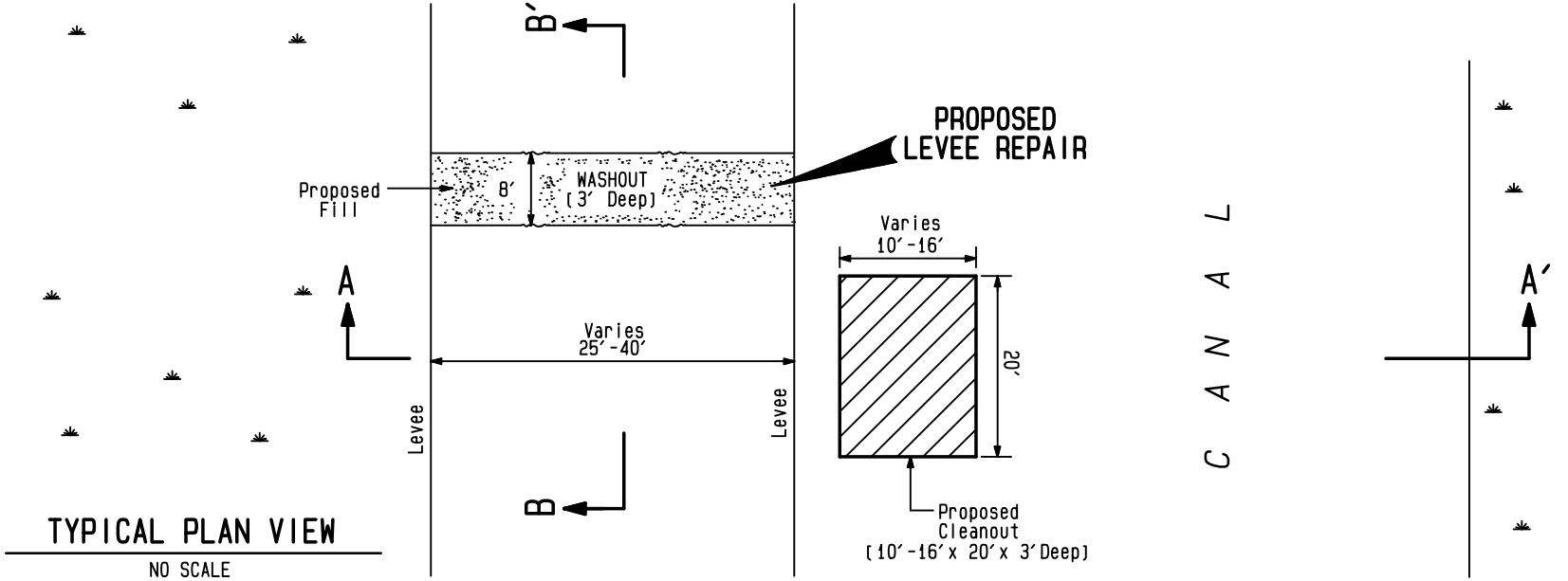
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Vermilion Parish, Louisiana

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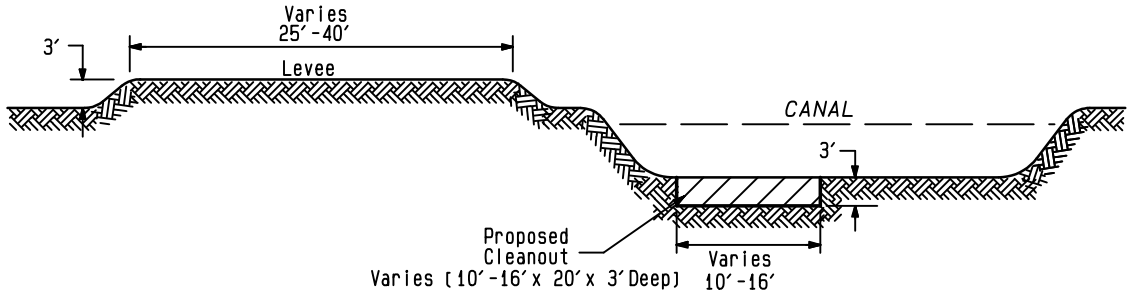
DRAWN BY: TNV PROJ. MGR.: RLL	CHECKED BY: SAB	DATE: January 23, 2009	REVISED: 03/18/09, 04/30/09, 02/26/09 04/03/09, 05/18/09, 05/26/09 RLL	SHEET 7 OF 9 SHEETS	2084315 I:/infocad/exxon/3dplat 268



TYPICAL PLAN VIEW

NO SCALE

MHWL +2.8' NAVD 88
MLWL +1.4' NAVD 88



TYPICAL CROSS SECTION A-A'

NO SCALE

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HOUSTON, TX.

PROPOSED LEVEE REPAIR

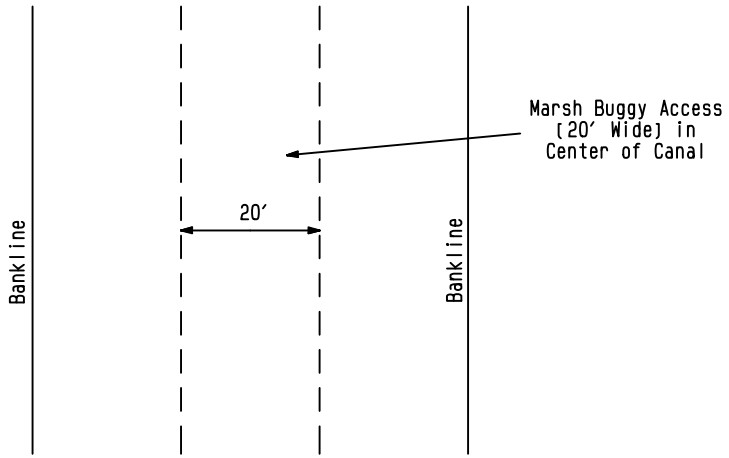
POST HURRICANE IKE DREDGING PECAN ISLAND FIELD

T16S-R1W, T16S-R1E , T16S-R2E, T17S-R1W & T17S-R1E
Vermilion Parish, Louisiana

PREPARED BY: C. H. Fenstermaker & Associates, Inc., Lafayette & New Orleans, Louisiana, & Houston, Texas

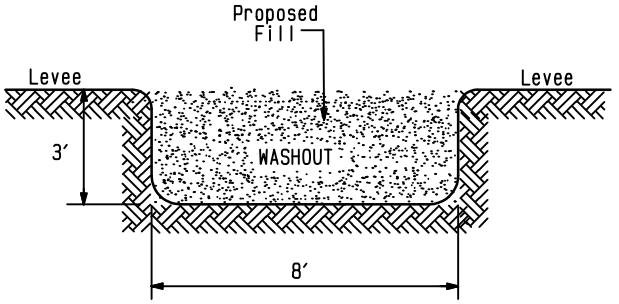
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TOTAL CLEANOUT REQUIRED. . . . . 1387 CU. YDS.
TOTAL FILL REQUIRED. . . . . 1387 CU. YDS.



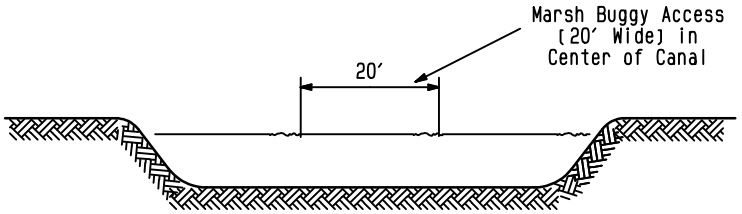
TYPICAL MARSH BUGGY ACCESS PLAN VIEW

NO SCALE



TYPICAL CROSS SECTION B-B'

NO SCALE



TYPICAL MARSH BUGGY ACCESS CROSS SECTION

NO SCALE

NOTE:
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NOTES:

1. All water depths shown along access routes have been adjusted to a 0.0 NAVD '88 tide level.
2. All access routes indicated by a heavy dashed line on the plan view will be navigated by marsh buggy only. Unmarked access routes (no heavy dashed lines shown) have sufficient water depths to be navigated by barge.
3. In order to insure 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.

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DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT

P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: **P20100795**

C.O.E. No.: **MVN- 2010- 01582- WOO**

NAME: **E. A. MCILHENNEY**
c/o RANDY MOERTLE AND ASSOCIATES, INC.
1008 MAR DRIVE
LOCKPORT, LA 70374
Attn: Randy Moertle

LOCATION: **Vermilion Parish, LA**
Lat. 29º 39' 52.04" N, Long -92º 13' 00.15" W; Section 1, 2, 11, 12 T16S-R2E; Rainey Marsh, LA.

DESCRIPTION: Proposed construction of approximately 28,440 linear feet of terraces for the purpose of creating approximately 32.64 acres of marsh to restore marsh destroyed by muskrats. Terraces will measure approximately 45' in width and 3.5' in height. Approximately 185,629 cubic yards of native material will be dredged to create the terraces. Terraces will be vegetatively planted after stabilization of embankment material at the beginning of the first complete growing season. Native species will be planted in double rows on 5' centers along the waters edge.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, and/or operate the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Office of Coastal Management of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Office of Coastal Management by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two years from the date of the signature of the Secretary or his designee. If the coastal use is not initiated within this two year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for the purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith, and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

a. No spoil shall be placed upon existing marsh.

b. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

c. Access for airboats and marsh buggy excavators shall be restricted to the designated crossings with limited ingress/egress over existing marsh.

d. For project construction activities, operation of airboats and marsh buggy excavators shall be limited to open water areas and shall not track across existing marsh.

e. The requirement for compensatory mitigation for impacts to marsh habitat resulting from the referenced project will be determined after one full growing season (March 1 to November 1) following the completion of the permitted activities. This assessment shall include both primary impacts and secondary impacts which may result from the permitted activities.

If OCM determines that compensatory mitigation is required, permittee shall submit a compensatory mitigation plan for approval within 30 days of notification of the compensatory mitigation requirements by OCM. All necessary approvals shall be obtained for the compensatory mitigation plan and the plan shall be implemented as directed by OCM. Permittee should be aware that compensatory mitigation projects may be required to be maintained for as many as 20 years for marsh mitigation projects and 50 years for forested wetland mitigation projects. A processing fee will be assessed for the determination of compensatory mitigation requirements and evaluation of the proposed compensatory mitigation plan in accordance with LAC Title 43, Part I, Chapter 7, §724.D. This fee shall apply regardless of which compensatory mitigation option is selected and does not include the cost incurred to implement the required compensatory mitigation.

f. 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 Louisiana Natural Heritage Program (LNHP) has compiled data on rare, endangered, or otherwise significant plant and animal species, plant communities, and other natural features throughout the State of Louisiana. LNHP reports summarize the existing information known at the time of the request regarding the location in question. LNHP 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 LNHP tracked species are encountered within the project area, please contact our biologist at 225-765-2643.

g. Permittee shall obtain a Water Quality Certification, should one be required, from the LA Department of Environmental Quality prior to initiation of any construction activities.

h. All logs, stumps and other debris unearthed during dredging shall be removed to an approved disposal site on land.

i. As-built drawings shall be submitted within 30 days of completion of this project to the Louisiana Department of Natural Resources, Office of Coastal Management, PO Box 44487, Baton Rouge, LA 70804-4487.

j. That permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary treatment (30 mg/l BOD5) with disinfection prior to discharge into any of the streams or adjacent waters of the area or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.

k. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

l. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.

m. Permittee shall allow representatives of the Office of Coastal Management or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.

n. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.

o. This permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D.). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

The expiration date of this permit is five (5) years from the date of the signature of the Secretary or his designee.

Upon expiration of this permit, a new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

********** End of Conditions **********

By accepting this permit the applicant agrees to its terms and conditions.

I affix my signature and issue this permit this 4th day of October, 2010.

THE DEPARTMENT OF NATURAL RESOURCES

Karl L. Morgan, Acting Administrator
Office of Coastal Management

This agreement becomes binding when signed by Administrator of
the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

Attachments

Final Plats:

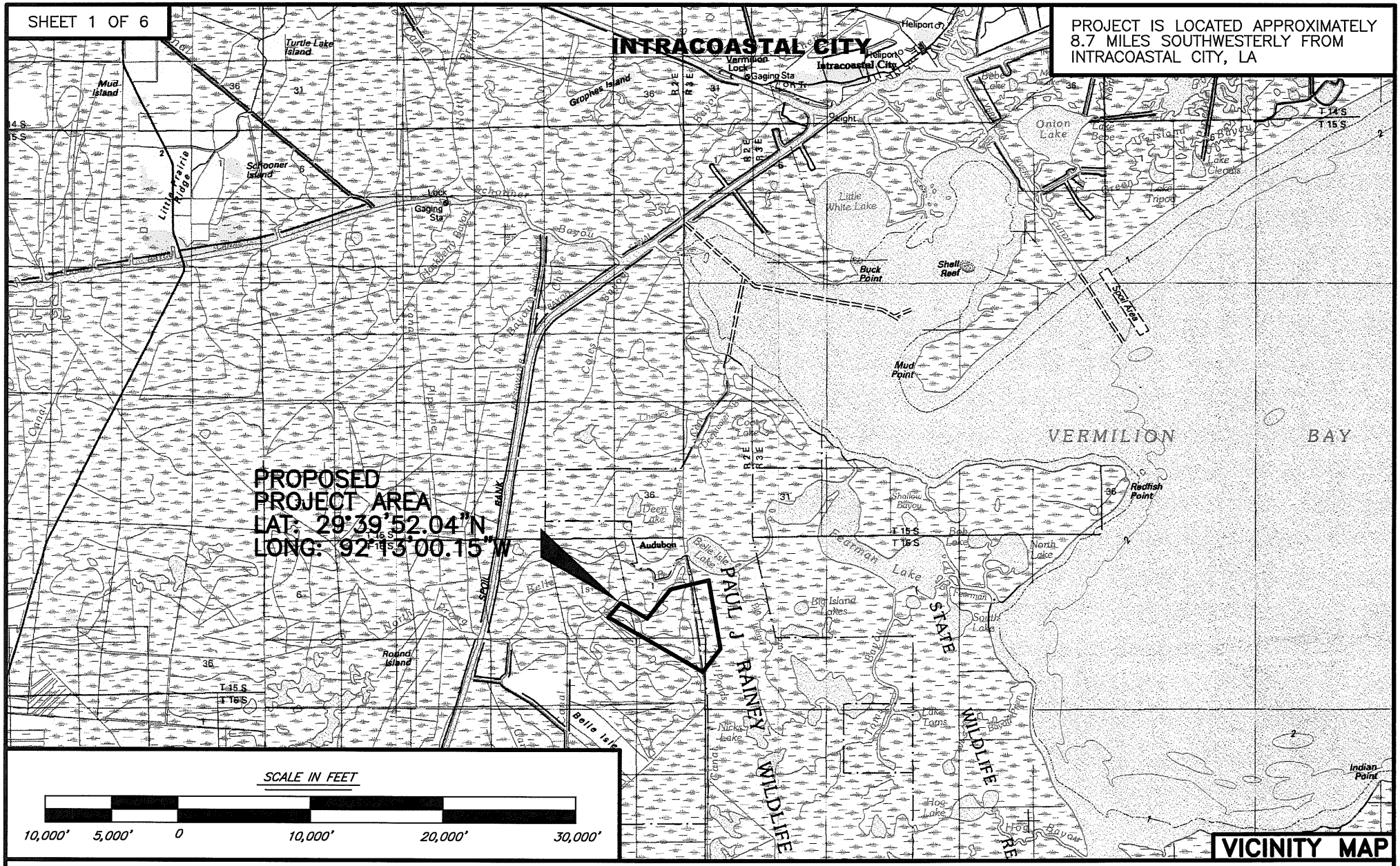
1) P20100795 Final Plats 09/07/2010

cc: Pete Serio, COE w/attachments
Dave Butler, LDWF w/attachments
Stephen Broussard, LED w/attachments
Peggy Rooney, OCM w/attachments
Charlie Mestayer, OCM/FI w/attachments

E,A, MCILHENNEY w/attachments

SHEET 1 OF 6

PROJECT IS LOCATED APPROXIMATELY 8.7 MILES SOUTHWESTERLY FROM INTRACOASTAL CITY, LA



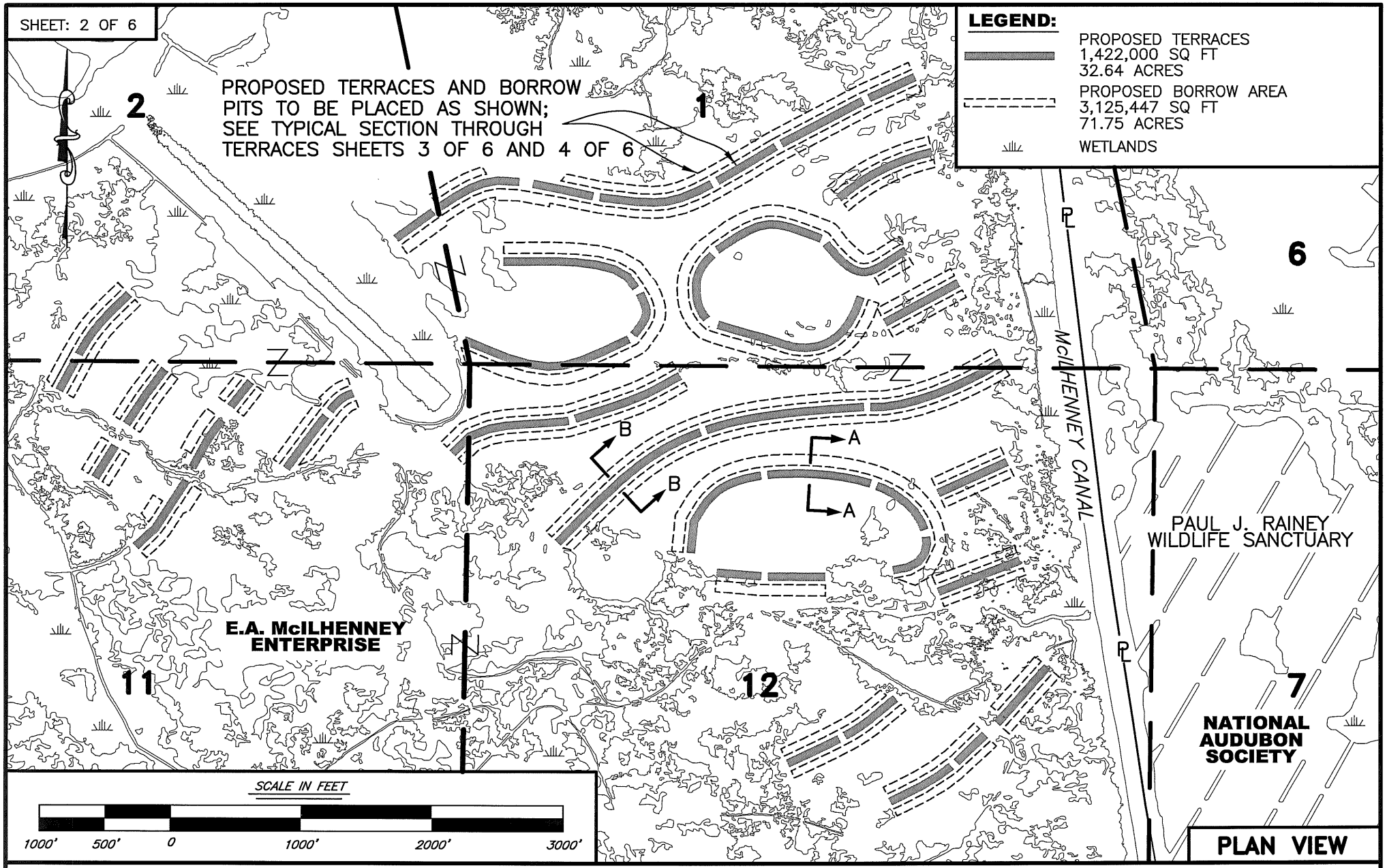
PURPOSE: TERRACE CONSTRUCTION FOR CREATION OF EMERGENT WETLANDS AND OTHER ENHANCEMENTS TO RESTORE MARSH DESTROYED BY MUSKRATS

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 MAR DRIVE LOCKPORT, LA

PERMIT PLAT

PROPOSED VEGETATED TERRACES LOCATED SECTIONS 1, 2, 11, AND 12, T16S – R2E VERMILLION PARISH, LOUISIANA

APPLICATION BY: E.A. McILHENNEY ENTERPRISES
DATE: JUNE 24, 2010



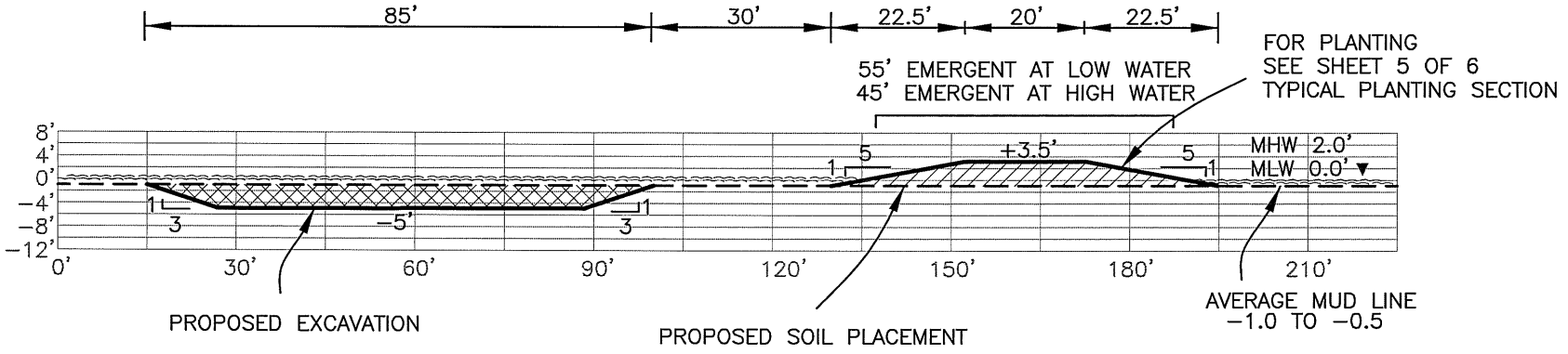
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PERMIT PLAT

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VERMILLION PARISH, LOUISIANA

APPLICATION BY: E.A. McILHENNEY ENTERPRISES
DATE: JUNE 24, 2010



VEGETATED TERRACE
TYPICAL SECTION A–A
(BORROW PIT ON 1 SIDE)

DATUM: NGVD
1" = 30' HORIZ.
1" = 30' VERT.

SCALE IN FEET
30' 15' 0 30' 60' 90'

TYPICAL SECTION A–A

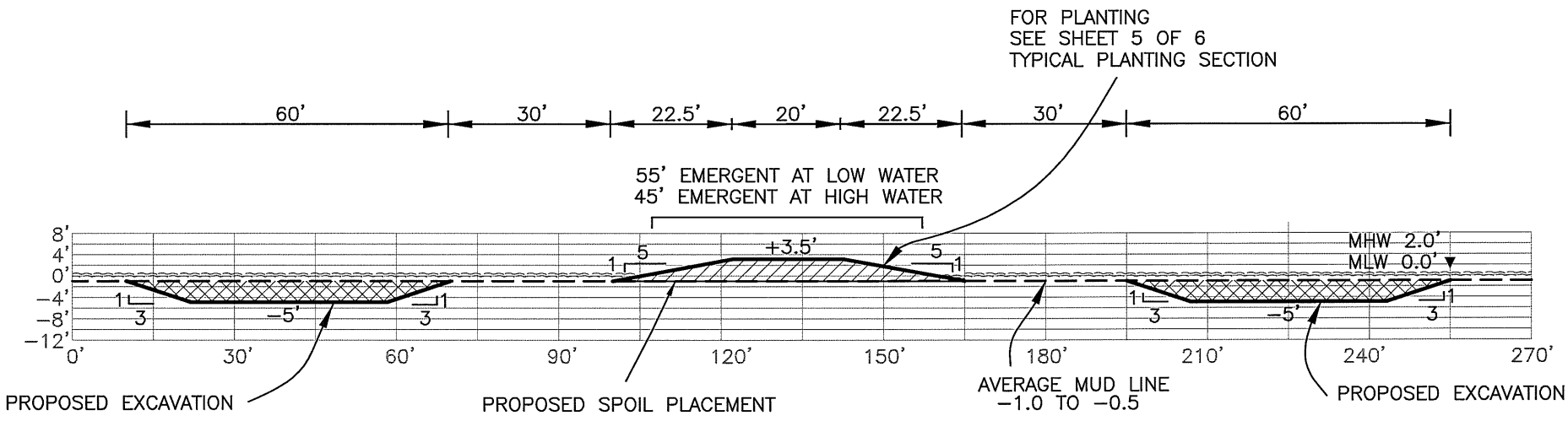
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PERMIT PLAT

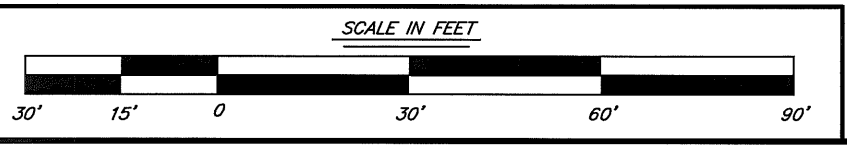
PROPOSED VEGETATED TERRACES
LOCATED SECTIONS 1, 2, 11, AND 12, T16S – R2E
VERMILLION PARISH, LOUISIANA

APPLICATION BY: E.A. McILHENNEY ENTERPRISES
DATE: JUNE 24, 2010 REVISED: SEPTEMBER 7, 2010



VEGETATED TERRACE
TYPICAL SECTION B–B
(BORROW PIT ON 2 SIDES)

DATUM: NGVD
1" = 30' HORIZ.
1" = 30' VERT.



TYPICAL SECTION B–B

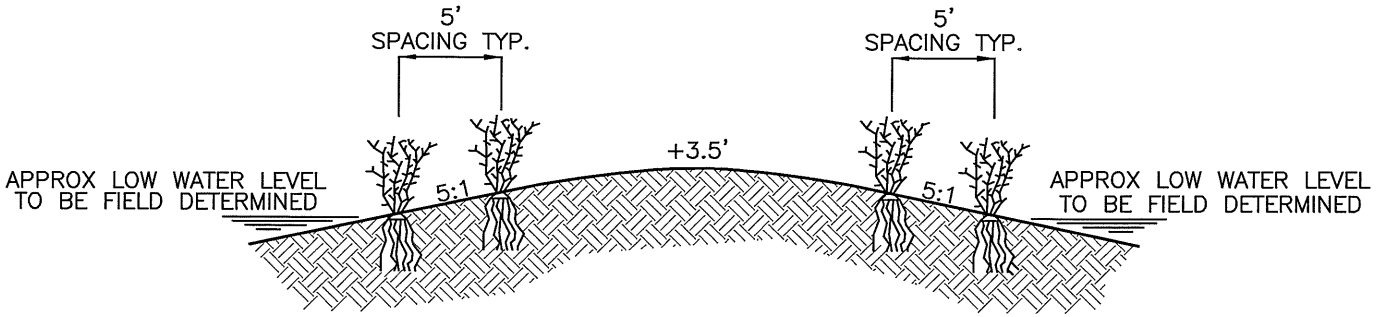
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PERMIT PLAT

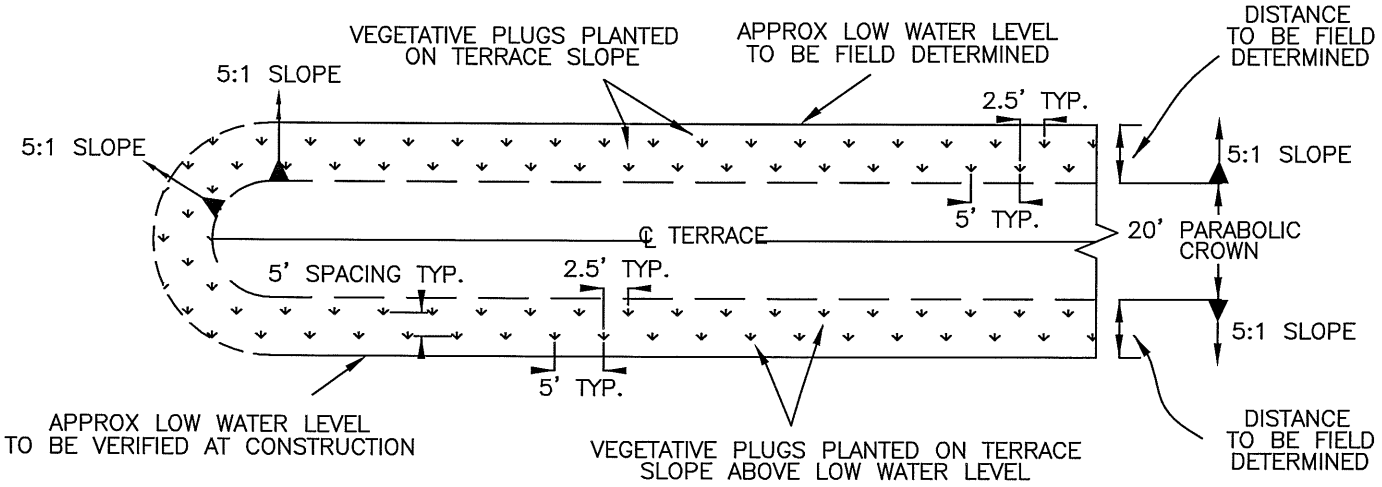
PROPOSED VEGETATED TERRACES
LOCATED SECTIONS 1, 2, 11, AND 12, T16S – R2E
VERMILLION PARISH, LOUISIANA

APPLICATION BY: E.A. McILHENNEY ENTERPRISES
DATE: JUNE 24, 2010 REVISED: SEPTEMBER 7, 2010



TERRACE PLANTING SECTION VIEW

NTS



TERRACE PLANTING SECTION VIEW

NTS

TYPICAL PLANTING SECTION

PURPOSE: TERRACE CONSTRUCTION FOR CREATION OF EMERGENT WETLANDS AND OTHER ENHANCEMENTS TO RESTORE MARSH DESTROYED BY MUSKRATS

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APPLICATION BY: E.A. McILHENNEY ENTERPRISES
DATE: JUNE 24, 2010

GENERAL NOTES

1) AVERAGE DEPTH OF TERRACE −1'; TOP OF TERRACE +3.5'.
SEE TYPICAL SECTION A−A (SHEET 3 OF 6) AND TYPICAL SECTION B−B (SHEET 4 OF 6)

2) EXCAVATION WILL BE MADE WITH LONG ARM HYDRAULIC MARSH BUGGY EXCAVATORS.
AFTER PLACEMENT OF FILL MATERIAL, TERRACES WILL BE SHAPED AS PER TYPICAL TERRACE SECTIONS.

3) EXCAVATORS WILL NOT BE ALLOWED TO TRACK ACROSS MARSH.

4) EXCAVATION IS LIMITED TO OPEN WATER AREA. THERE WILL BE NO EXCAVATION OF MARSH.

5) THERE WILL BE 28,440 LF OF TERRACE CONSTRUCTED. APPROX 32.64 ACRES OF EMERGENT MARSH TO BE CREATED.

PLANTING

1) PLANTING WILL BE MADE AFTER STABILIZATION OF EARTH EMBANKMENT MATERIAL
AT THE BEGINNING OF THE FIRST COMPLETE GROWING SEASON.

2) PLANTS WILL BE IN A DOUBLE ROW OF NATIVE SPECIES PLACED ALONG
THE WATERS EDGE AT 5' CENTERS. SEE TYPICAL PLANTING SECTION (SHEET 5 OF 6)

NOTES

PURPOSE: TERRACE CONSTRUCTION FOR CREATION OF EMERGENT WETLANDS AND OTHER ENHANCEMENTS TO RESTORE MARSH DESTROYED BY MUSKRATS

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 MAR DRIVE LOCKPORT, LA

PERMIT PLAT

PROPOSED VEGETATED TERRACES
LOCATED SECTIONS 1, 2, 11, AND 12, T16S − R2E
VERMILLION PARISH, LOUISIANA

APPLICATION BY: E.A. McILHENNEY ENTERPRISES
DATE: JUNE 24, 2010 REVISED: SEPTEMBER 7, 2010

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT

P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: **P20110781**

C.O.E. No.:

NAME: **ENERGY XXI ONSHORE, LLC**
c/o C. H. FENSTERMAKER & ASSOCIATES, INC.
135 REGENCY SQUARE
LAFAYETTE, LA 70508
Attn: Jamie Prejean

LOCATION: **Vermilion Parish, LA**
Approximately 10.5 miles Northeasterly from Pecan Island, LA. Sections 8 & 17; T16S-R02E. Lat. 29º 39' 26"N, Long. 92º 17' 13"W; Lat. 29º 38' 42"N, Long. 92º 16' 34"W; Terrace 1: Lat. 29º 39' 34"N, Long. 92º 17' 17"W; Terrace 2: Lat. 29º 39' 28"N, Long. 92º 17' 15"W; Terrace 3: Lat. 29º 39' 21"N, Long. 92º 17' 13"W; Terrace 4: Lat. 29º 39' 20"N, Long. 92º 17' 05"W; Terrace 5: Lat. 29º 39' 12"N, Long. 92º 16' 56"W; Terrace 6: Lat. 29º 39' 12"N, Long. 92º 16' 59"W; Terrace 7: Lat. 29º 39' 02"N, Long. 92º 16' 54"W; Terrace 8: Lat. 29º 38' 59"N, Long. 92º 16' 52"W; Terrace 9: Lat. 29º 38' 56"N, Long. 92º 16' 49"W & Terrace 10: Lat. 29º 38' 43"N, Long. 92º 16' 43"W.

DESCRIPTION: Construction of ±5,480' of terraces and (4) 30' x 30' terrace islands. The marsh buggy (20' wide access route) will access the proposed project via the ditch from the location and will be floated in from Freshwater Bayou. Approximately 14,933 cubic yards of excavated material will be displaced as a result of the terraces. Roseau Cane plugs will be planted on 2.5' intervals at the land-water interface. No additional excavation or fill will be required.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, and/or operate the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Office of Coastal Management of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Office of Coastal Management by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two years from the date of the signature of the Secretary or his designee. If the coastal use is not initiated within this two year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for the purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith, and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

a. All logs, stumps and other debris encountered during dredging activities shall be removed from the site during or immediately after the activity and disposed of in accordance with all applicable laws and regulations.

b. That permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary treatment (30 mg/l BOD5) with disinfection prior to discharge into any of the streams or adjacent waters of the area or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.

c. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

d. As-built drawings and/or plats 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.

e. Structures must be marked/lighted in accordance with U. S. Coast Guard regulations.

f. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

g. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.

h. Permittee shall allow representatives of the Office of Coastal Management or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.

i. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.

j. This permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D.). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

The expiration date of this permit is five (5) years from the date of the signature of the Secretary or his designee.

Upon expiration of this permit, a new Coastal Use Permit will be required for completion of any unfinished or

uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

********** End of Conditions **********

By accepting this permit the applicant agrees to its terms and conditions.

I affix my signature and issue this permit this 12th day of October, 2011.

THE DEPARTMENT OF NATURAL RESOURCES

Karl L. Morgan, Acting Administrator
Office of Coastal Management

This agreement becomes binding when signed by Administrator of
the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

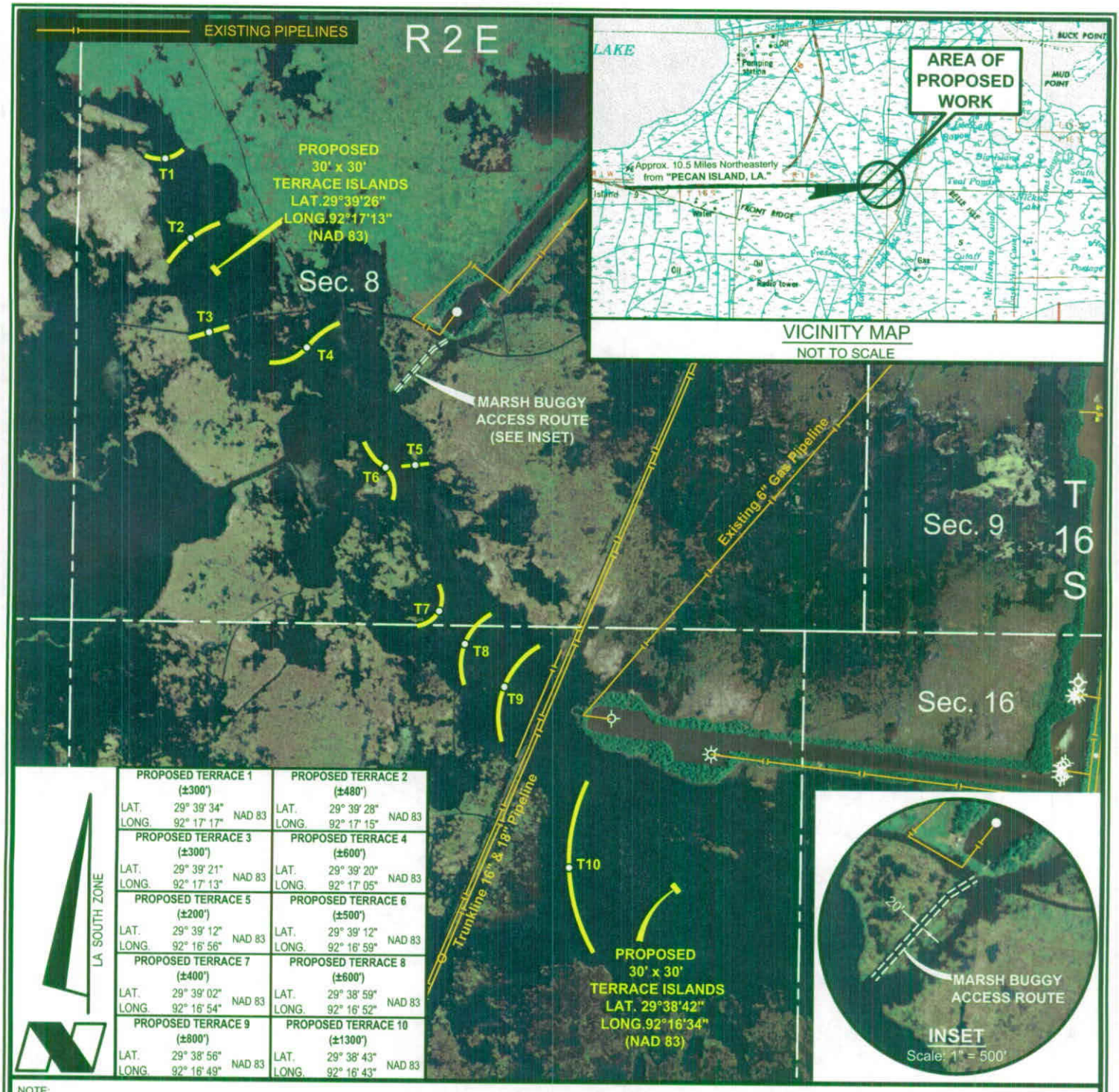
Attachments

Final Plats:

1) P20110781 Final Plats 07/07/2011

cc: Pete Serio, COE w/attachments
Dave Butler, LDWF w/attachments
Stephen Broussard, LED w/attachments
Peggy Rooney, OCM w/attachments
Charlie Mestayer, OCM/FI w/attachments

ENERGY XXI ONSHORE, LLC w/attachments



PROPOSED TERRACE 1 (±300')	LAT. 29° 39' 34" LONG. 92° 17' 17" NAD 83	PROPOSED TERRACE 2 (±480')	LAT. 29° 39' 28" LONG. 92° 17' 15" NAD 83
PROPOSED TERRACE 3 (±300')	LAT. 29° 39' 21" LONG. 92° 17' 13" NAD 83	PROPOSED TERRACE 4 (±600')	LAT. 29° 39' 20" LONG. 92° 17' 05" NAD 83
PROPOSED TERRACE 5 (±200')	LAT. 29° 39' 12" LONG. 92° 16' 56" NAD 83	PROPOSED TERRACE 6 (±500')	LAT. 29° 39' 12" LONG. 92° 16' 59" NAD 83
PROPOSED TERRACE 7 (±400')	LAT. 29° 39' 02" LONG. 92° 16' 54" NAD 83	PROPOSED TERRACE 8 (±600')	LAT. 29° 38' 59" LONG. 92° 16' 52" NAD 83
PROPOSED TERRACE 9 (±800')	LAT. 29° 38' 56" LONG. 92° 16' 49" NAD 83	PROPOSED TERRACE 10 (±1300')	LAT. 29° 38' 43" LONG. 92° 16' 43" NAD 83

NOTE:
THE CONTENTS OF THESE PLANS ARE INTENDED EXCLUSIVELY FOR THE PURPOSE OF OBTAINING ENVIRONMENTAL COMPLIANCE PERMITS

VICINITY MAP

1000' 0 500' 1000'
Scale: 1" = 1000'

ENERGY XXI ONSHORE, LLC

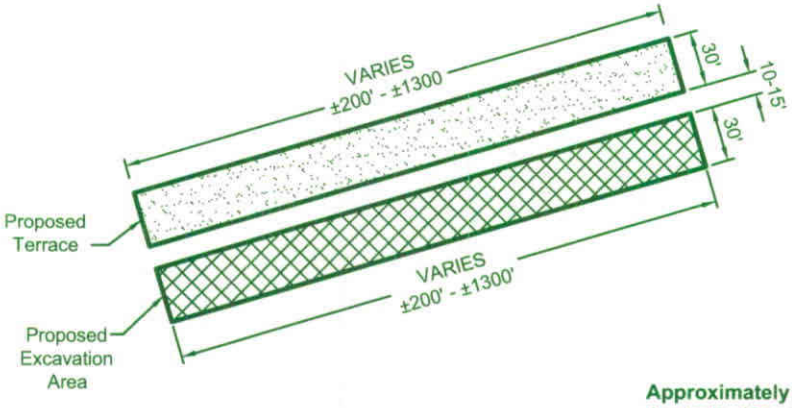
PROPOSED TERRACES

Sections 8 & 17, T16S-R2E

Vermilion Parish, Louisiana

C.H. FENSTERMAKER & ASSOCIATES, INC.
Lafayette New Orleans Houston
135 Regency Sq. Lafayette, LA 70508
Ph. 337-237-2200 Fax. 337-237-3299
www.fenstermaker.com

DRAWN BY: TNV	REVISED: 06/20/11 TNV	DATE: June 6, 2011
PROJ. MGR.: RLL		SHEET 1 OF 4 SHEETS
FILENAME: T:\2008\2084764.01\DWG\Energy XXI-Vermilion Corp.Terraces-COE Permit.dwg		

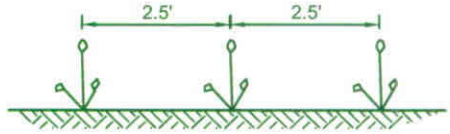




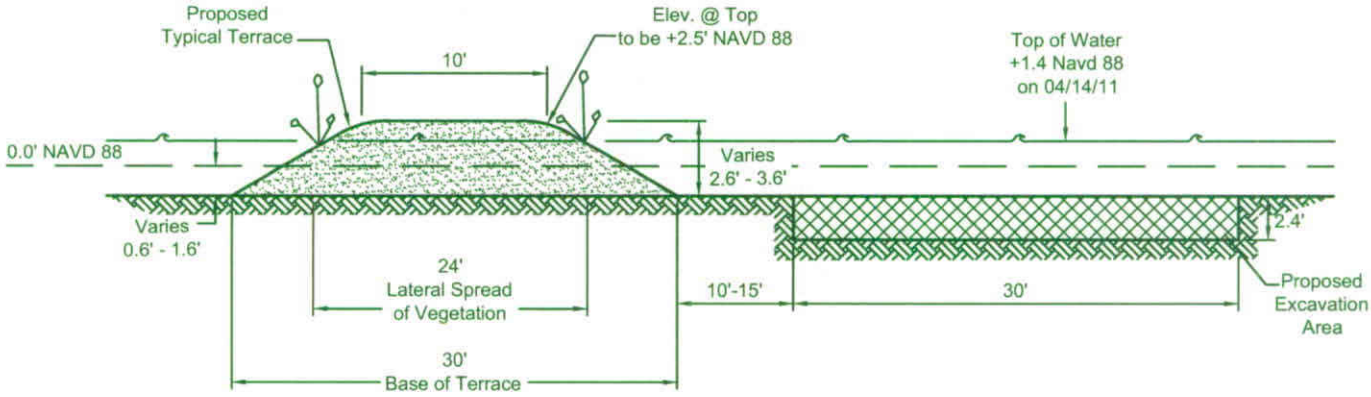
TYPICAL
PLAN VIEW

0
NOT TO SCALE

Approximately 4,600 Bare Root Sprigs of Phragmites Australis (Roseau Cane) will be planted on 2.5' intervals @ the land-water interface.



MHWL +2.8' NAVD 88
MLWL +1.4' NAVD 88



TYPICAL CROSS-SECTION
NO SCALE

NOTE:
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ENERGY XXI ONSHORE, LLC

PROPOSED TERRACES

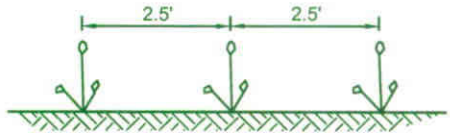
Sections 8 & 17 , T16S-R2E

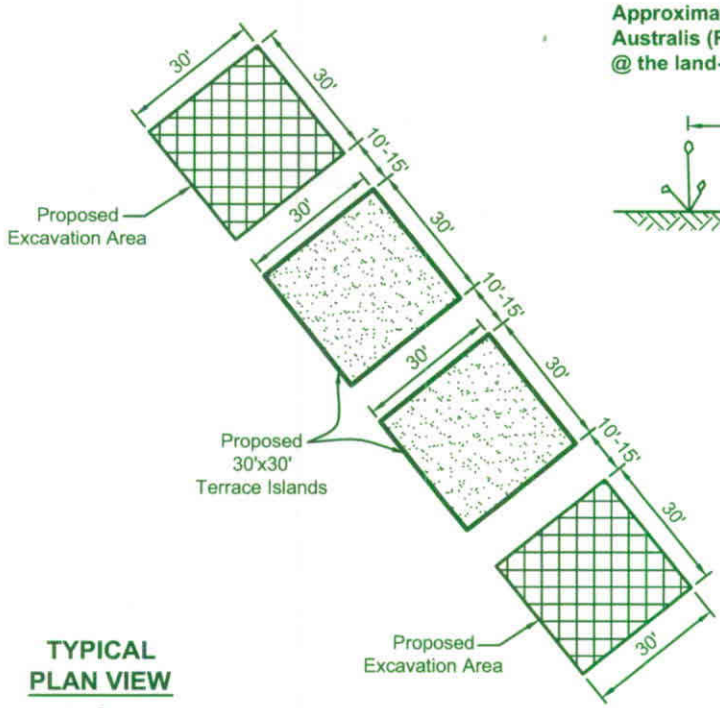
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DRAWN BY: TNV	REVISED: 06/20/11 TNV	DATE: June 6, 2011
PROJ. MGR.: RLL		SHEET 2 OF 4 SHEETS
FILENAME: T:\2008\2084764.01\DWG\COE_Energy XXI-Terraces-06-16-11.dwg		

Approximately 4,600 Bare Root Sprigs of Phragmites Australis (Roseau Cane) will be planted on 2.5' intervals @ the land-water interface.





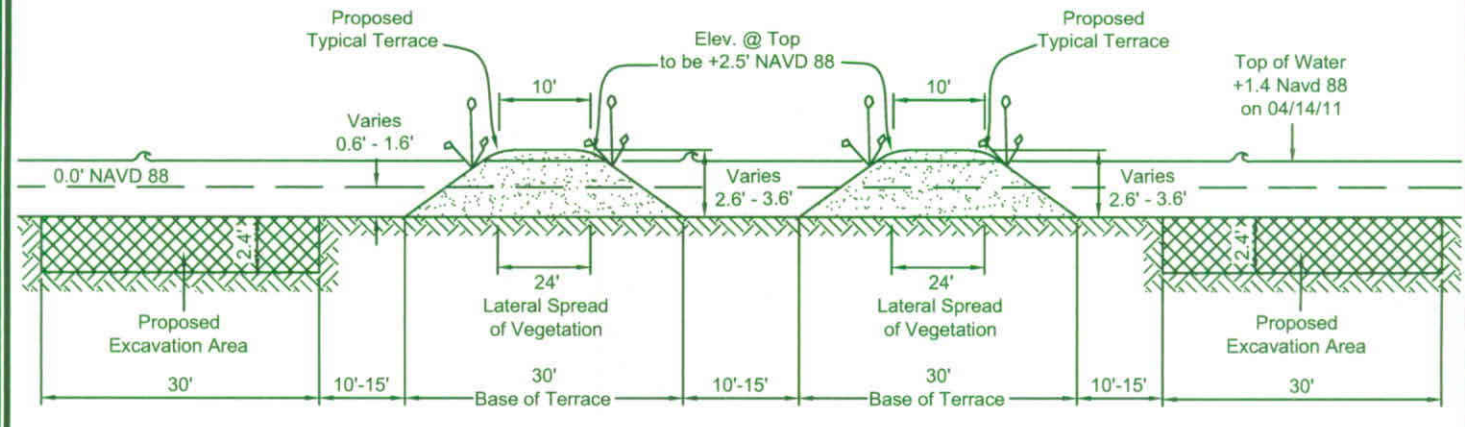


TYPICAL PLAN VIEW

0

NOT TO SCALE

MHWL +2.8' NAVD 88
MLWL +1.4' NAVD 88



TYPICAL CROSS-SECTION

NO SCALE

NOTE:
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ENERGY XXI ONSHORE, LLC

PROPOSED TERRACES

Sections 8 & 17 , T16S-R2E

Vermilion Parish, Louisiana

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DRAWN BY: TNV	REVISED: 06/20/11 TNV	DATE: June 6, 2011
PROJ. MGR.: RLL		SHEET 3 OF 4 SHEETS
FILENAME: T:\2008\2084764.01\DWG\COE_Energy XXI-Terraces-06-16-11.dwg		

EXCAVATION REQUIRED. . . . . 14,933 CU. YDS.

NOTES:

1. As-built drawings shall be submitted within 30 days of completion of this project to the Louisiana Department of Natural Resources, Coastal Management Division, P.O. Box 44487, Baton Rouge, LA 70804-4487.

2. In order to insure 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.

DISCLAIMER: At this time, Fenstermaker & Associates, Inc. has not performed nor was asked to perform any type of engineering, hydrological modeling, flood plain, or "No Rise" certification analyses, including but not limited to determining whether the project will impact flood hazards in connection with federal/FEMA, state, and/or local laws, ordinances and regulations. Accordingly, Fenstermaker makes no warranty or representation of any kind as to the foregoing issues, and persons or entities using this information shall do so at their own risk.

NOTE:
THE CONTENTS OF THESE PLANS ARE INTENDED EXCLUSIVELY FOR THE PURPOSE OF OBTAINING ENVIRONMENTAL COMPLIANCE PERMITS

ENERGY XXI ONSHORE, LLC

PROPOSED TERRACES

Sections 8 & 17 , T16S-R2E

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DRAWN BY: TNV	REVISED: 06/20/11 TNV	DATE: June 6, 2011
PROJ. MGR.: RLL		SHEET 4 OF 4 SHEETS
FILENAME: T:\2008\2084764.01\DWG\Energy XXI-Vermilion Corp.Terraces-COE Permit.dwg		


Louisiana Department of Natural Resources - 6/30/2011
NOTE Data from this web site are not to be used for legal purposes.
MARSH BUGGY WILL BE FLOATED TO JOB SITE
BARGE DRAFT 5'
Louisiana Department of Natural Resources
0
0.44mi

DEPARTMENT OF NATURAL RESOURCES
COASTAL MANAGEMENT DIVISION

P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: **P20090649**

C.O.E. No.: **MVN- 2009- 01656- WJJ**

NAME: **NATIONAL AUDUBON SOCIETY**
6160 PERKINS ROAD, SUITE 215
BATON ROUGE, LA 70808
Attn: Karen Westphal

LOCATION: **Vermilion Parish, LA**
Lat. 29º 42' 02.0"N, Long -92º 12' 28.4"W. Paul J. Rainey Wildlife Sanctuary, 10149 Richard Rd. La. south of Intracoastal City, 70510

DESCRIPTION: Proposed mini-dredge test site. A small, trailerable dredge unit will be used to agitate and suck accumulated sediment from a navigable canal and the sediment will be pumped into adjacent open-water areas within a damaged marsh, to promote regrowth and restoration of the marsh. Approximately 26,460 cubic yards of native material will be displaced. Silt booms may be used to contain spoil in open water areas. No additional dredge or fill is required. An airboat with a 6' width may be required to move the dredge hose. The airboat will remain in the open water areas.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, and/or operate the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Coastal Management Division of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Coastal Management Division by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two years from the date of the signature of the Secretary or his designee. If the coastal use is not initiated within this two year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for the purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith, and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

a. All logs, stumps and other debris unearthed during dredging shall be buried a minimum of one (1) foot beneath the bottom of the waterway or removed to an approved disposal site on land.

b. That permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary treatment (30 mg/l BOD5) with disinfection prior to discharge into any of the streams or adjacent waters of the area or,

in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.

c. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

d. All structures built under the authorization and conditions of this permit shall be removed from the site within 120 days of abandonment of the facilities for the herein permitted use, or when these structures fall into a state of disrepair such that they can no longer function as intended. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for such removal activities.

e. As-built drawings shall be submitted within 30 days of completion of this project to the Louisiana Department of Natural Resources, Coastal Management Division, PO Box 44487, Baton Rouge, LA 70804-4487.

f. Structures must be marked/lighted in accordance with U. S. Coast Guard regulations.

g. That should changes in the location or the section of the existing waterways, or in the generally prevailing conditions in the vicinity be required in the future, in the public interest, Permittee shall make such changes in the project concerned or in the arrangement thereof as may be necessary to satisfactorily meet the situation and shall bear the cost thereof. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for project modifications.

h. The requirement for compensatory mitigation for impacts to habitat resulting from the referenced project will be determined after one full growing season (March 1 to November 1) following the completion of the permitted activities. This assessment shall include both primary impacts and secondary impacts which may result from the permitted activities.

If CMD determines that compensatory mitigation is required, Permittee shall submit a compensatory mitigation plan for approval within 30 days of notification of the compensatory mitigation requirements by CMD. All necessary approvals shall be obtained for the compensatory mitigation plan and the plan shall be implemented as directed by CMD. Permittee should be aware that compensatory mitigation projects may be required to be maintained for as many as 20 years for marsh mitigation projects and 50 years for forested wetland mitigation projects. A processing fee will be assessed for the determination of compensatory mitigation requirements and evaluation of the proposed compensatory mitigation plan in accordance with LAC Title 43, Part I, Chapter 7, §724.D. This fee shall apply regardless of which compensatory mitigation option is selected and does not include the cost incurred to implement the required compensatory mitigation.

i. Marsh buggy tracking shall be limited to open water areas for access and site work. Marsh buggy tracking is not permitted over vegetated wetlands.

j. Spoil will be stacked to a height conducive to marsh creation.

k. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

l. No other 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 Louisiana Natural Heritage Program (LNHP) has compiled data on rare, endangered, or otherwise significant plant and animal species, plant communities, and other natural features throughout the State of Louisiana. LNHP reports summarize the existing information known at the time of the request regarding the location in question. LNHP 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 LNHP tracked species are encountered within the project area, please contact our biologist at 225-765-2643.

m. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.

n. Permittee shall allow representatives of the office of Coastal Management or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.

o. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.

p. This permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D.). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

The expiration date of this permit is five (5) years from the date of the signature of the Secretary or his designee.

Upon expiration of this permit, a new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

********** End of Conditions **********

By accepting this permit the applicant agrees to its terms and conditions.

I affix my signature and issue this permit this 27th day of October, 2009.

THE DEPARTMENT OF NATURAL RESOURCES

Karl L. Morgan, Acting Administrator
Coastal Management Division

This agreement becomes binding when signed by Administrator of
the Coastal Management Division, Department of Natural Resources.

Attachments

Final Plats:

1) P20090649 Final Plats 08/11/2009

cc: Pete Serio, COE w/attachments
Dave Butler, LDWF w/attachments
Chuck Spears, CMD/SS w/attachments
Charlie Mestayer, CMD/FI w/attachments

Location of Mini-dredge Demonstration Project



Figure 1. Location of the Study Area (Figure 2) within the Audubon Paul J. Rainey Refuge in Southwest Louisiana.

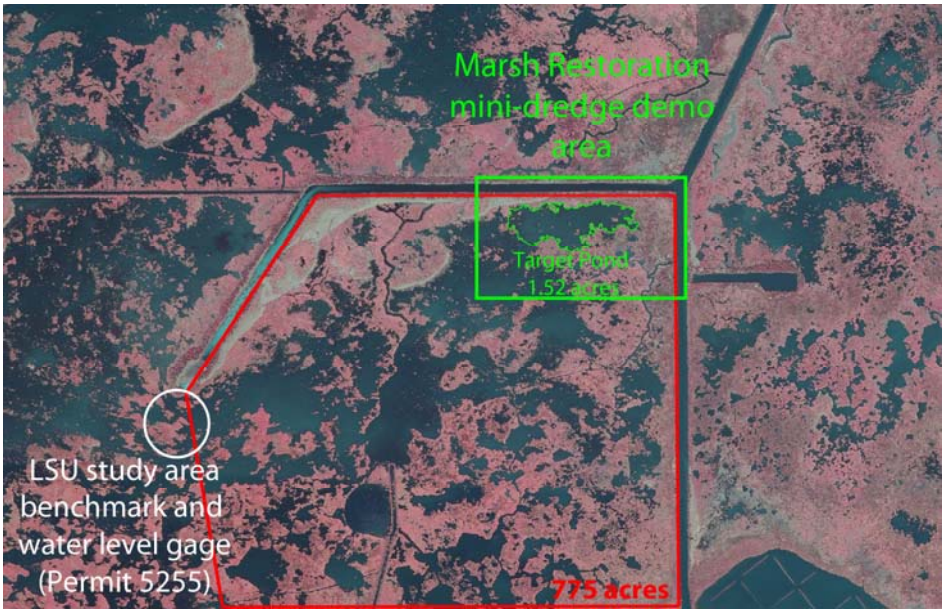


Figure 2. Location map showing the location of the mini-dredge marsh restoration demonstration area and the nearby LSU site with benchmark and water level gage at the Rainey Wildlife Management Area (Permit #5255). Material will be excavated from the canal adjacent to the demo-area and placed semi-confined in the target pond that was created during Hurricane Ike.

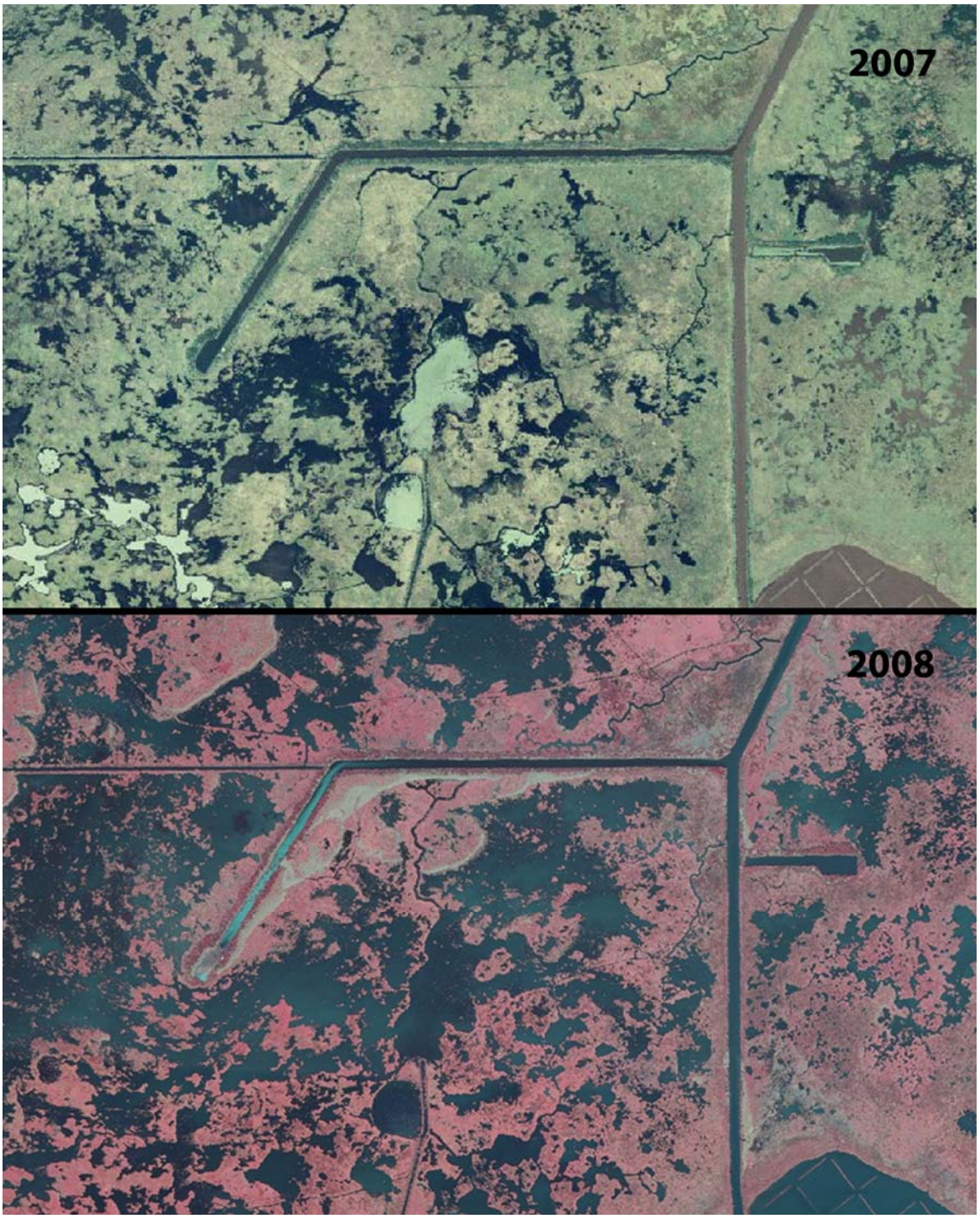


Figure 3. Vertical aerial photography of the mini-dredge marsh restoration demonstration area taken in 2007 (from the DNR Sunris web site) and 2008 (DOQQ) showing the marsh damage that resulted from the impact of Hurricane Ike in 2008.

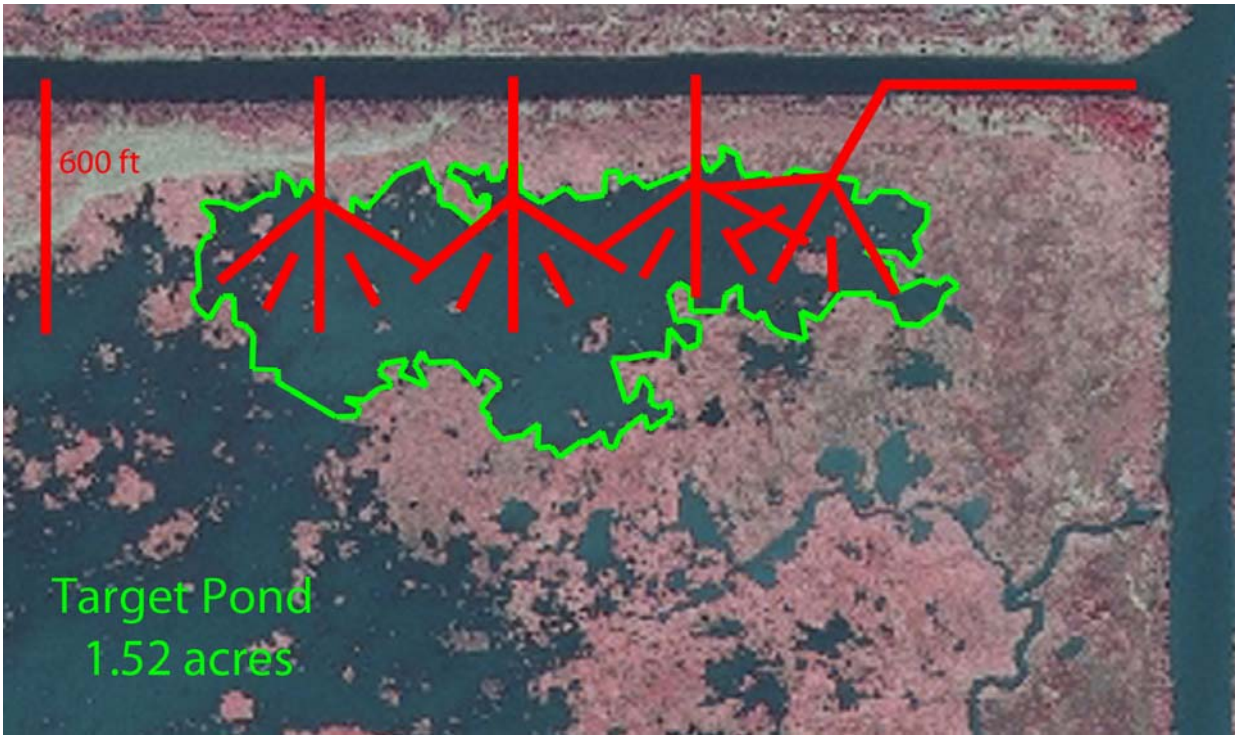


Figure 4. Rough plan for dredge pipe placement. The 4” dredge pipe has a maximum distance of 600 ft unless an additional pump is used (An additional pump would be on the tender boat in the canal). The pipe will cross the canal bank perpendicular to the canal in as few places as possible, and will be moved manually. The effluent end will be moved radially to fill areas within reach of the pipe. The pipe section across land and marsh will not be moved until all areas of the pond within reach of the effluent end are filled. The airboat, if/when needed will access the area by crossing the canal bank at the well-head end by the LSU study site and traverse the more open water areas. It has an approximate hull width of 6ft.

Table 1. Data from the LSU water gage showing the water levels within the marsh at the time of the surveys and transects. This shows that the average water level of the area remained roughly 1 ft above 0 NAVD88 during this time period.

Date	Time	Water Level (cm NAVD88)	inches	feet
3/16/2009	0:00	32.1	12.64	1.05
3/16/2009	1:00	30.7	12.09	1.01
3/16/2009	2:00	29.8	11.73	0.98
3/16/2009	3:00	29.6	11.65	0.97
3/16/2009	4:00	30.3	11.93	0.99
3/16/2009	5:00	33.7	13.27	1.11
3/16/2009	6:00	36.8	14.49	1.21
3/16/2009	7:00	35.7	14.06	1.17
3/16/2009	8:00	38.3	15.08	1.26
3/16/2009	9:00	38.3	15.08	1.26
3/16/2009	10:00	34.7	13.66	1.14
3/16/2009	11:00	33.8	13.31	1.11
3/16/2009	12:00	32.7	12.87	1.07
3/16/2009	13:00	32.0	12.60	1.05
3/16/2009	14:00	34.3	13.50	1.13
3/16/2009	15:00	36.0	14.17	1.18
3/16/2009	16:00	35.7	14.06	1.17
3/16/2009	17:00	35.4	13.94	1.16
3/16/2009	18:00	35.1	13.82	1.15
3/16/2009	19:00	35.1	13.82	1.15
3/16/2009	20:00	35.0	13.78	1.15
3/16/2009	21:00	35.0	13.78	1.15
3/16/2009	22:00	35.0	13.78	1.15
3/16/2009	23:00	34.9	13.74	1.15
3/17/2009	0:00	35.0	13.78	1.15
3/17/2009	1:00	33.9	13.35	1.11
3/17/2009	2:00	34.4	13.54	1.13
3/17/2009	3:00	32.9	12.95	1.08
3/17/2009	4:00	31.9	12.56	1.05
3/17/2009	5:00	32.4	12.76	1.06
3/17/2009	6:00	33.6	13.23	1.10
3/17/2009	7:00	34.4	13.54	1.13
3/17/2009	8:00	32.4	12.76	1.06
3/17/2009	9:00	33.5	13.19	1.10
3/17/2009	10:00	34.0	13.39	1.12
3/17/2009	11:00	31.6	12.44	1.04
3/17/2009	12:00	28.4	11.18	0.93
3/17/2009	13:00	27.5	10.83	0.90
3/17/2009	14:00	27.2	10.71	0.89
3/17/2009	15:00	27.2	10.71	0.89
3/17/2009	16:00	27.2	10.71	0.89
3/17/2009	17:00	27.4	10.79	0.90
3/17/2009	18:00	27.9	10.98	0.92
3/17/2009	19:00	29.7	11.69	0.97
3/17/2009	20:00	30.4	11.97	1.00

3/17/2009	21:00	31.0	12.20	1.02
3/17/2009	22:00	29.0	11.42	0.95
3/17/2009	23:00	30.5	12.01	1.00
		Water Level (cm NAVD88)	**inches**	**feet**
average water level for this time period		32.57	12.82	1.07

Canal Surveys

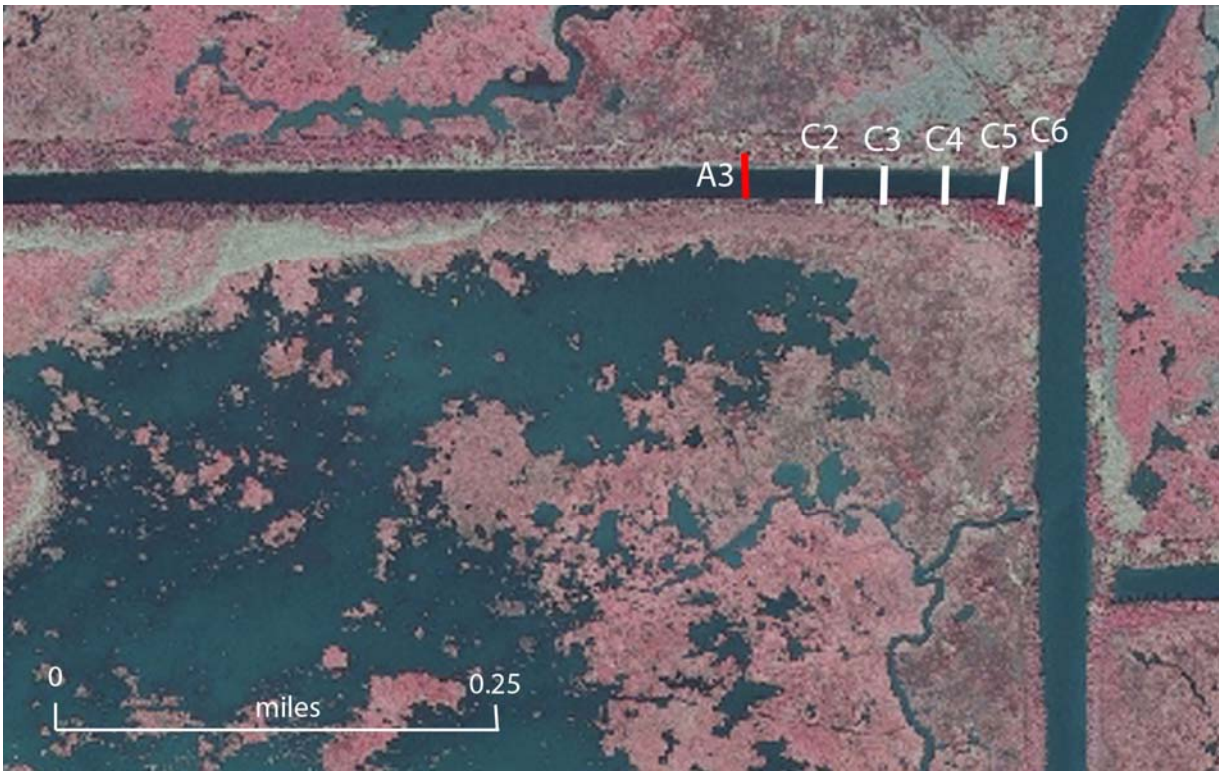


Figure 1. Location diagram for the canal profiles. A3 connects to the cross-bank transects. The distance between A3 and C6 is 950.2 ft.

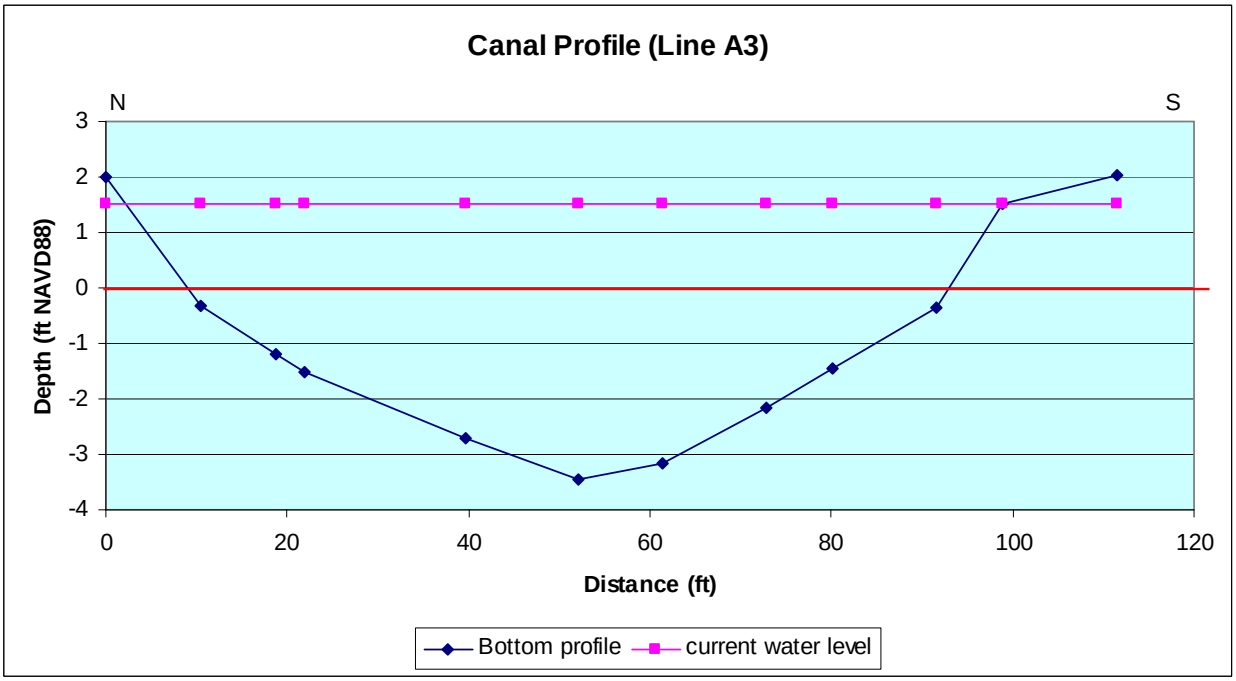


Figure 2. Bottom profile and water level at the time of survey for A3 which connects with the cross-bank transect. The water level and depth have been corrected using the nearby LSU study site benchmark and water gage.

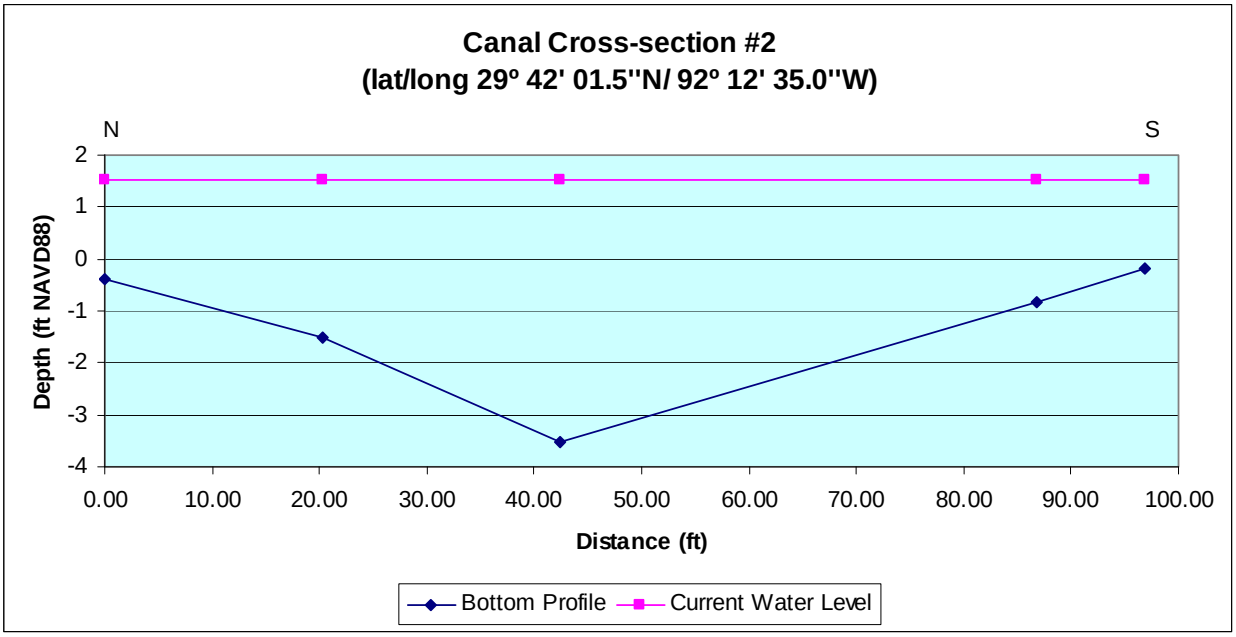


Figure 3. Bottom profile for C2 with water level at the time of survey.

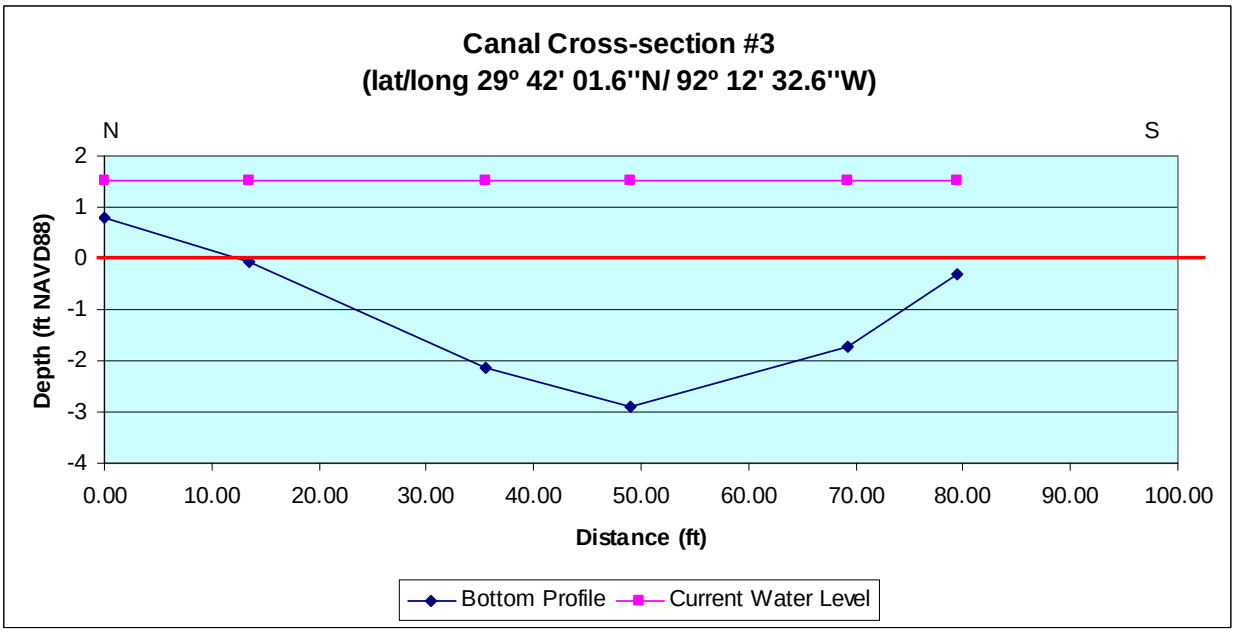


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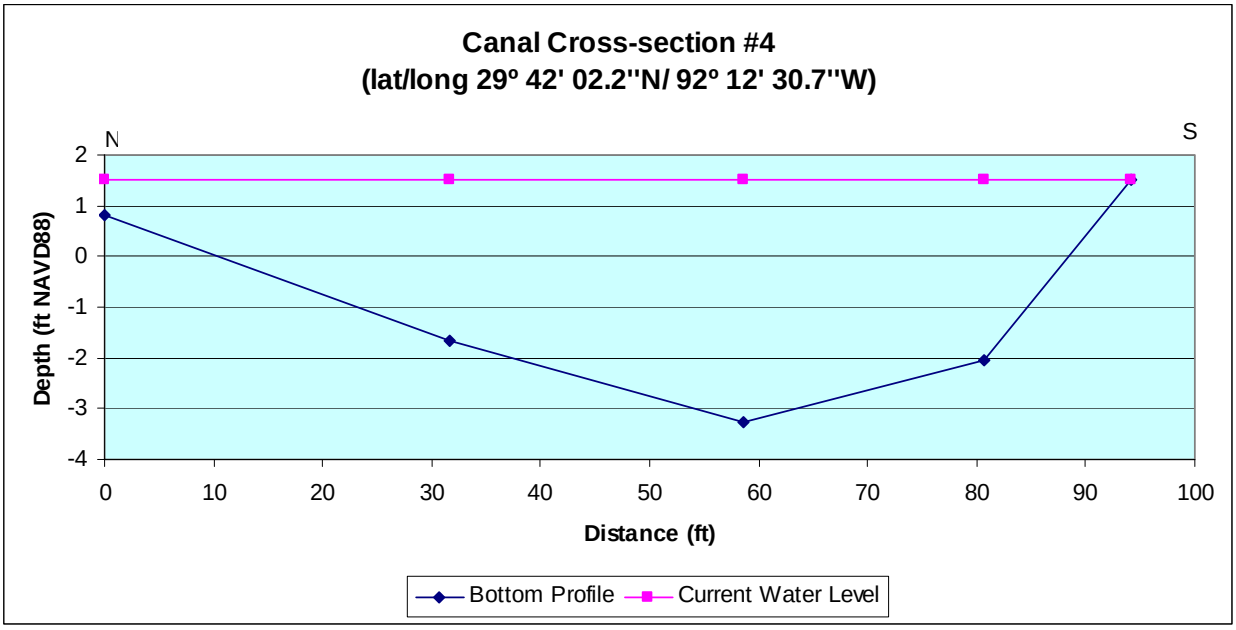


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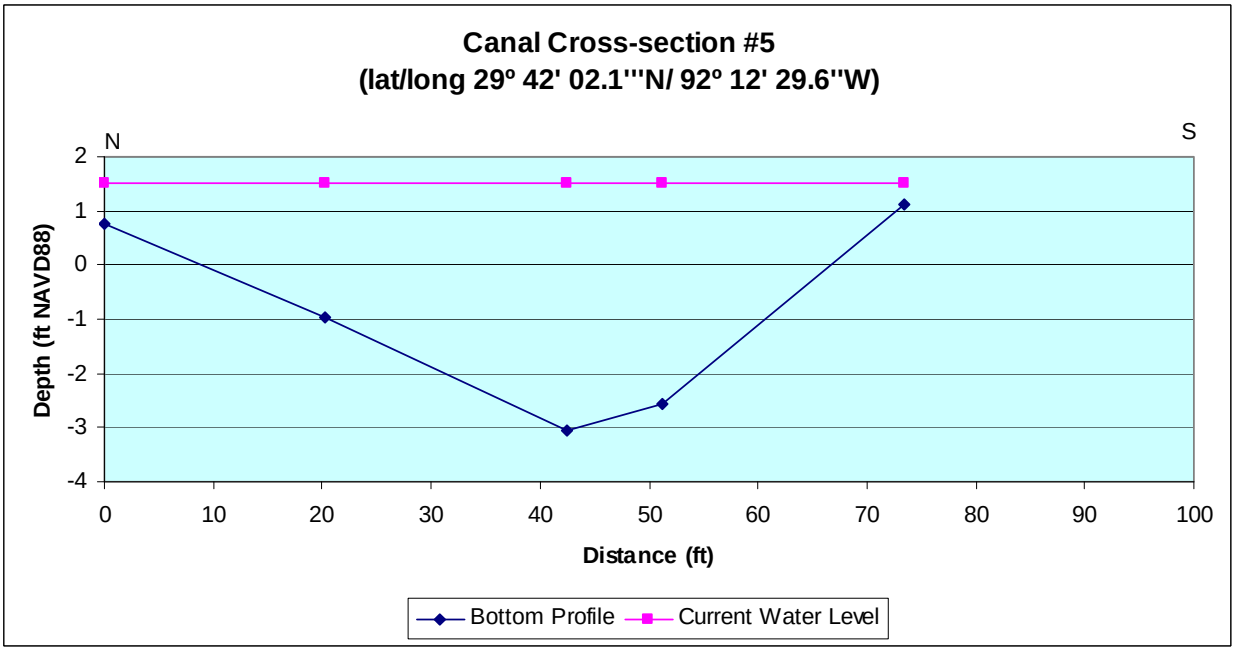


Figure 5. Bottom profile for C2 with water level at the time of survey.

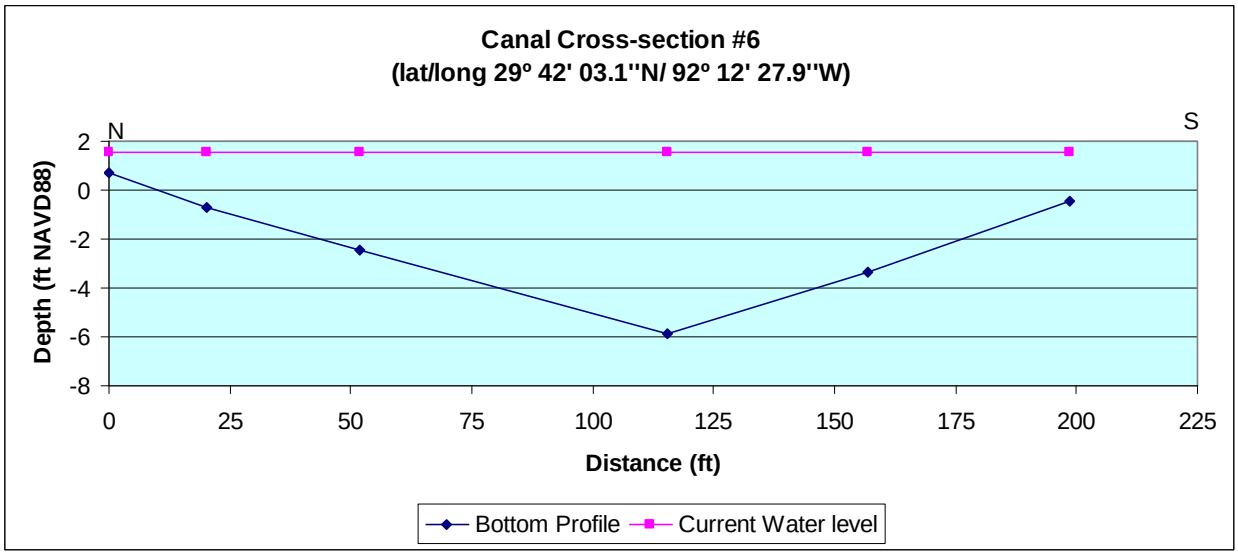


Figure 6. Bottom profile for C2 with water level at the time of survey.

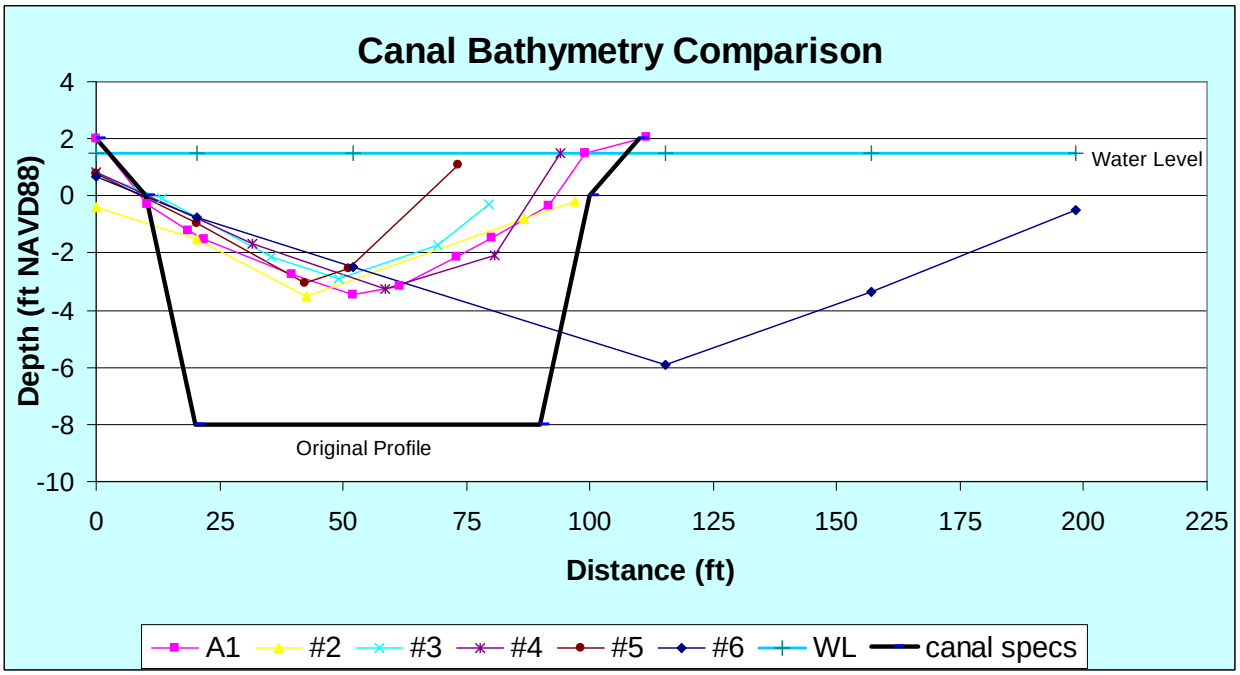


Figure 7. This shows all of the bottom profiles surveyed on March 16, 2009. All but the profile at the intersection with the main canal (#6) did not go beyond -4ft NAVD88. The narrowest profile (#5) was just within the mouth of the canal where a sandbar had accumulated. The original canal was probably dredged to a standard 8 ft deep by 125 ft wide (8 x 110 shown here) for access to the wellhead. An estimate based on extracting fill to 7 ft deep (average 4 ft of fill) and 75 ft wide would yield 11.1 cubic yards (cy) per linear foot of canal. From transect A3 to the canal intersection with the main canal (C6) measures 950 ft for an available yield of 10,556 cy. Roughly 2500 feet of canal is within easy reach of the dredge to the pond for 27,778 cy of material available for the estimated 26,460 cy needed to fill the 16.4 acre pond.

Cross-bank Survey

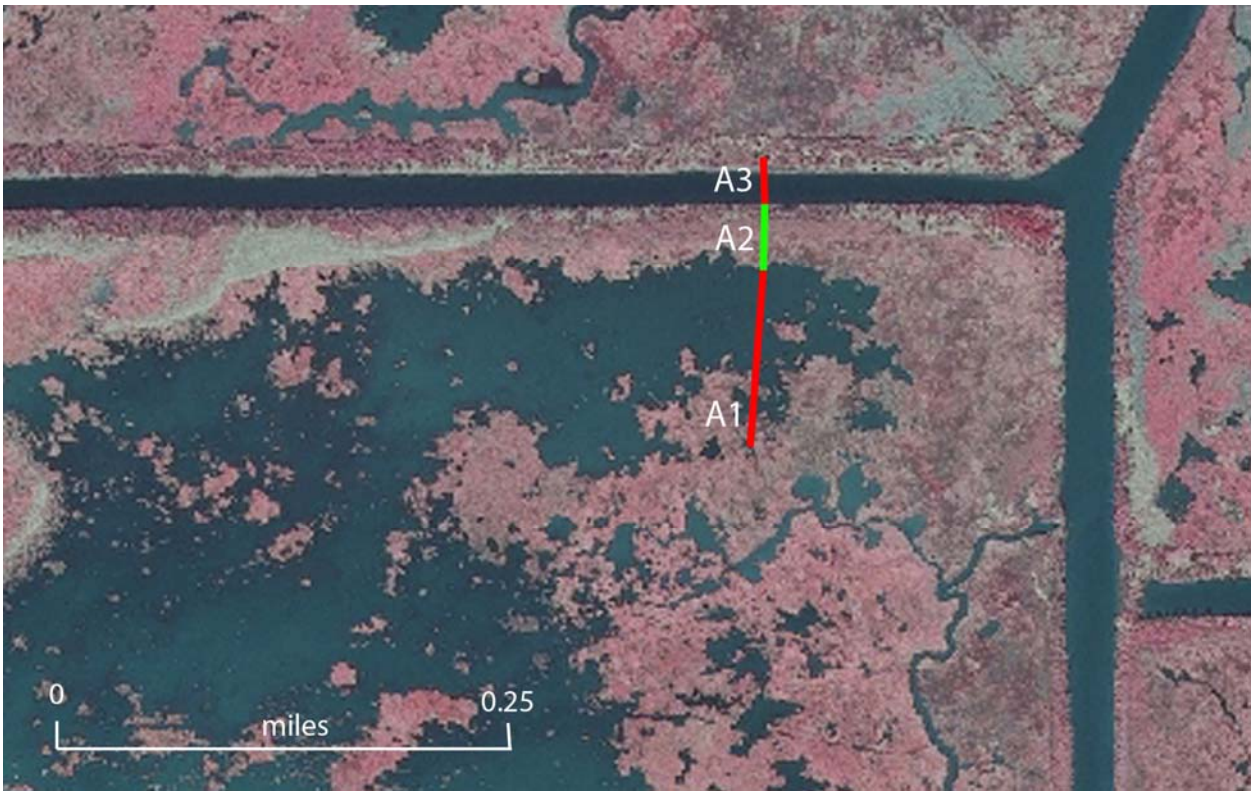


Figure 1. Location of Lines A1-A3 from pond edge across spoil bank and canal.

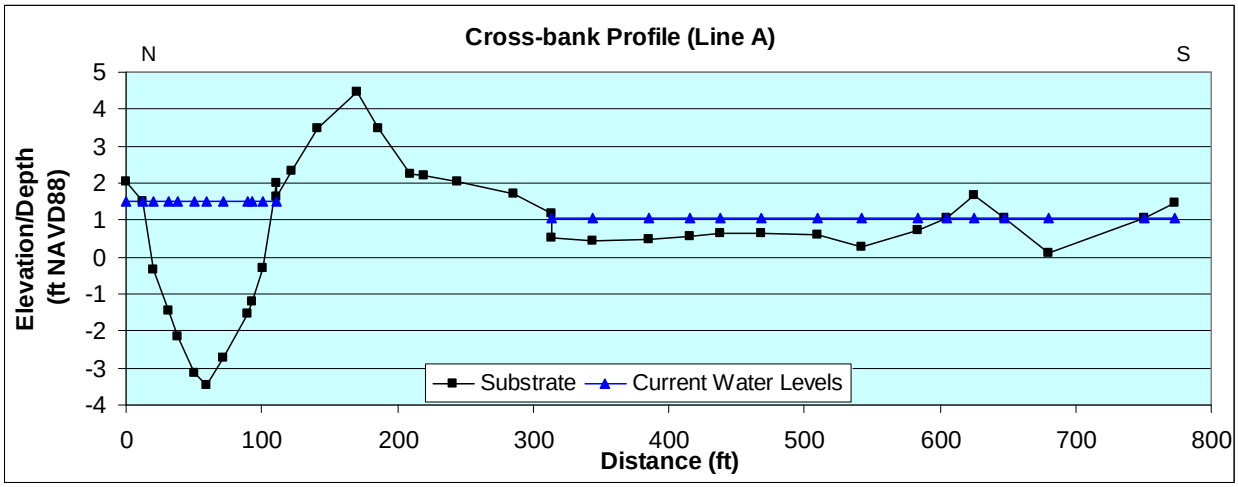


Figure 2. This profile connects Lines A1-A3 to show the relative substrate levels and different water levels between the pond and canal. Elevations and water levels have been corrected to NAVD88 by the water gage and benchmark at LSU's study site. The elevation of the existing, natural, marsh substrate was consistently 1.5 ft above NAVD88, so that fill should be to this level for marsh restoration.

Separate Lines

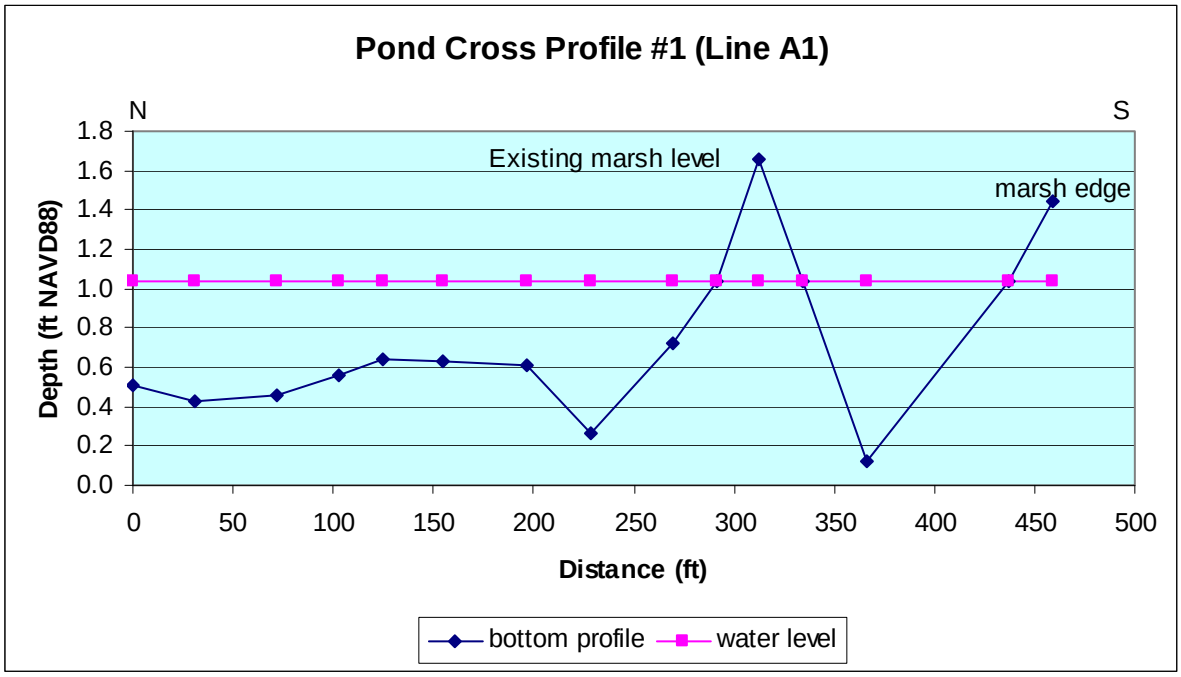


Figure 3 shows Line A1 crossing the pond north to south for more detail.

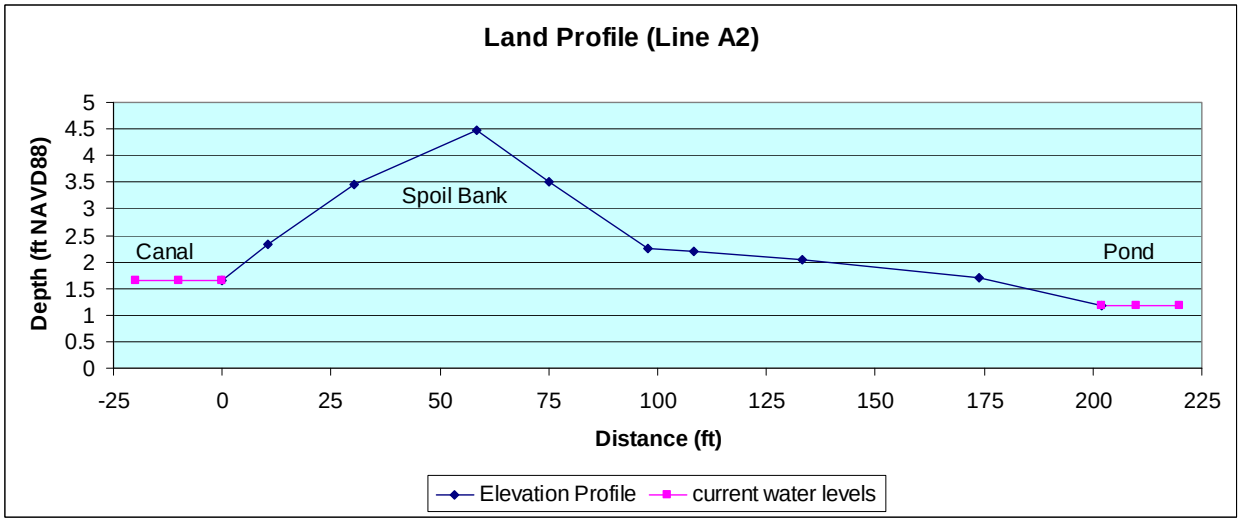


Figure 4 shows Line A2 crossing the marsh and bank, connecting the water levels between the pond and canal. The canal water level was 0.47 feet higher than the pond water level at the time of the survey.

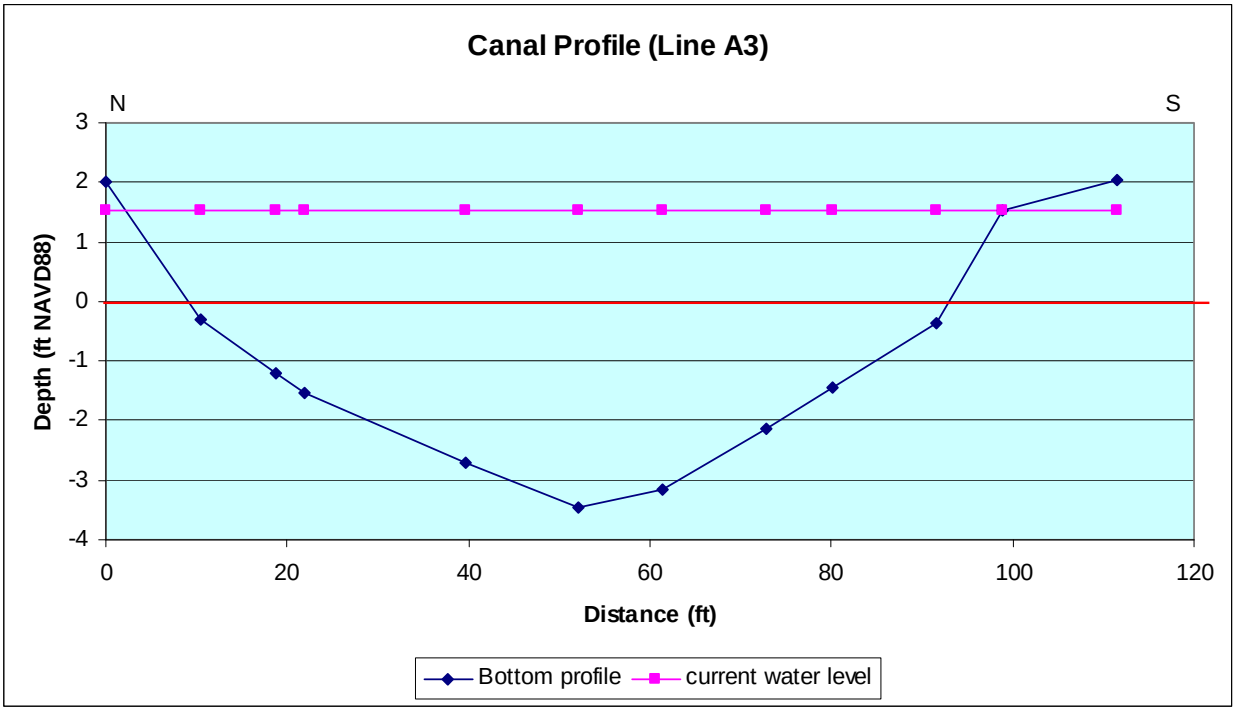


Figure 5 shows Line A3 crossing the canal with more detail of the bottom configuration.

Location of Mini-dredge Demonstration Project



Figure 1. Location of the Study Area (Figure 2) within the Audubon Paul J. Rainey Refuge in Southwest Louisiana.

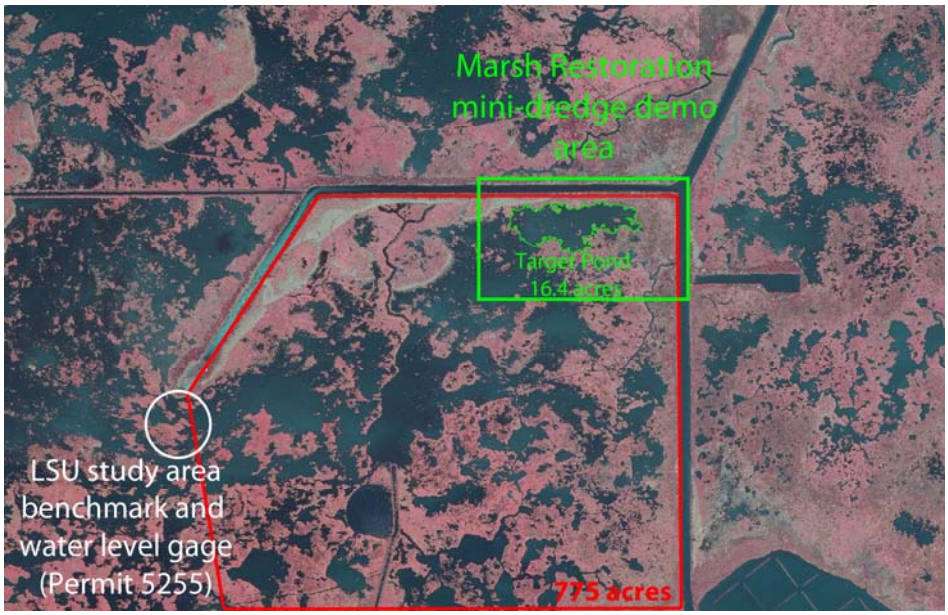


Figure 2. Location map showing the location of the mini-dredge marsh restoration demonstration area and the nearby LSU site with benchmark and water level gage at the Rainey Wildlife Management Area (Permit Application #5255). Material will be excavated from the canal adjacent to the demo-area and placed semi-confined in the target pond that was created during Hurricane Ike.

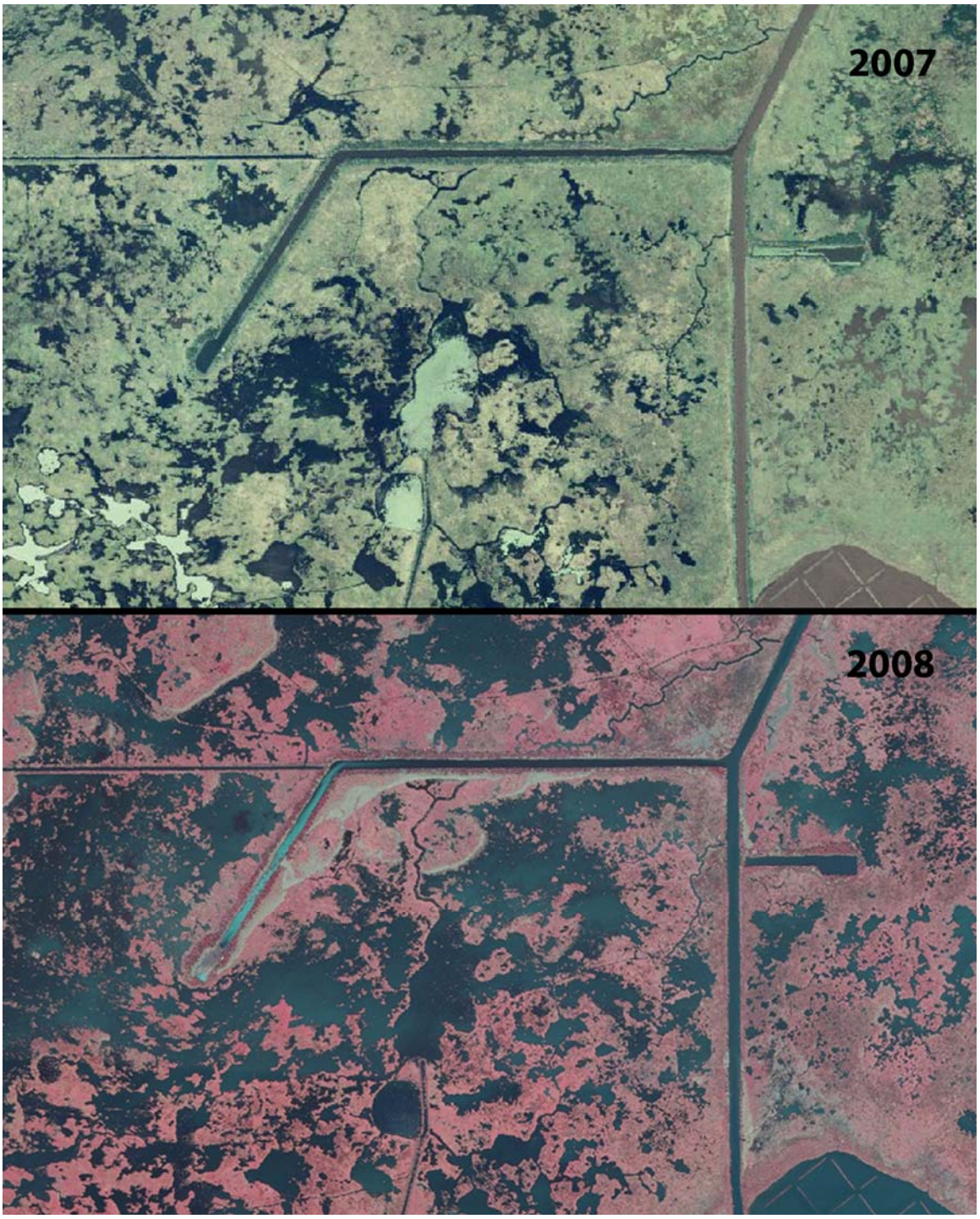


Figure 3. Vertical aerial photography of the mini-dredge marsh restoration demonstration area taken in 2007 (from the DNR Sonris web site) and 2008 (DOQQ) showing the marsh damage that resulted from the impact of Hurricane Ike in 2008.

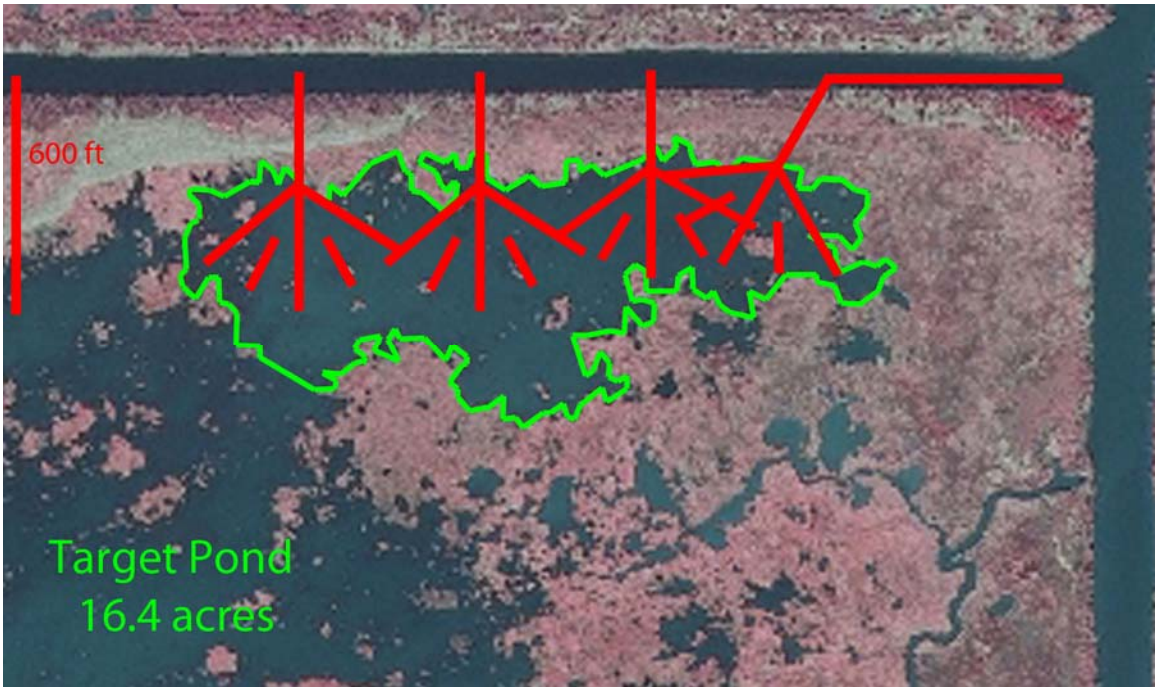


Figure 4. Rough plan for dredge pipe placement. The 4” dredge pipe has a maximum distance of 600 ft unless an additional pump is used (An additional pump would be on the tender boat in the canal). The pipe will cross the canal bank perpendicular to the canal in as few places as possible, and will be moved manually. The effluent end will be moved radially to fill areas within reach of the pipe. The pipe section across land and marsh will not be moved until all areas of the pond within reach of the effluent end are filled. The airboat, if/when needed will access the area by crossing the canal bank at the well-head end by the LSU study site and traverse the more open water areas. It has an approximate hull width of 6ft.

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3/16/2009	11:00	33.8	13.31	1.11
3/16/2009	12:00	32.7	12.87	1.07
3/16/2009	13:00	32.0	12.60	1.05
3/16/2009	14:00	34.3	13.50	1.13
3/16/2009	15:00	36.0	14.17	1.18
3/16/2009	16:00	35.7	14.06	1.17
3/16/2009	17:00	35.4	13.94	1.16
3/16/2009	18:00	35.1	13.82	1.15
3/16/2009	19:00	35.1	13.82	1.15
3/16/2009	20:00	35.0	13.78	1.15
3/16/2009	21:00	35.0	13.78	1.15
3/16/2009	22:00	35.0	13.78	1.15
3/16/2009	23:00	34.9	13.74	1.15
3/17/2009	0:00	35.0	13.78	1.15
3/17/2009	1:00	33.9	13.35	1.11
3/17/2009	2:00	34.4	13.54	1.13
3/17/2009	3:00	32.9	12.95	1.08
3/17/2009	4:00	31.9	12.56	1.05
3/17/2009	5:00	32.4	12.76	1.06
3/17/2009	6:00	33.6	13.23	1.10
3/17/2009	7:00	34.4	13.54	1.13
3/17/2009	8:00	32.4	12.76	1.06
3/17/2009	9:00	33.5	13.19	1.10
3/17/2009	10:00	34.0	13.39	1.12
3/17/2009	11:00	31.6	12.44	1.04
3/17/2009	12:00	28.4	11.18	0.93
3/17/2009	13:00	27.5	10.83	0.90
3/17/2009	14:00	27.2	10.71	0.89
3/17/2009	15:00	27.2	10.71	0.89
3/17/2009	16:00	27.2	10.71	0.89
3/17/2009	17:00	27.4	10.79	0.90
3/17/2009	18:00	27.9	10.98	0.92
3/17/2009	19:00	29.7	11.69	0.97
3/17/2009	20:00	30.4	11.97	1.00

3/17/2009	21:00	31.0	12.20	1.02
3/17/2009	22:00	29.0	11.42	0.95
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		Water Level (cm NAVD88)	**inches**	**feet**
average water level for this time period		32.57	12.82	1.07

Pond Depth Transects

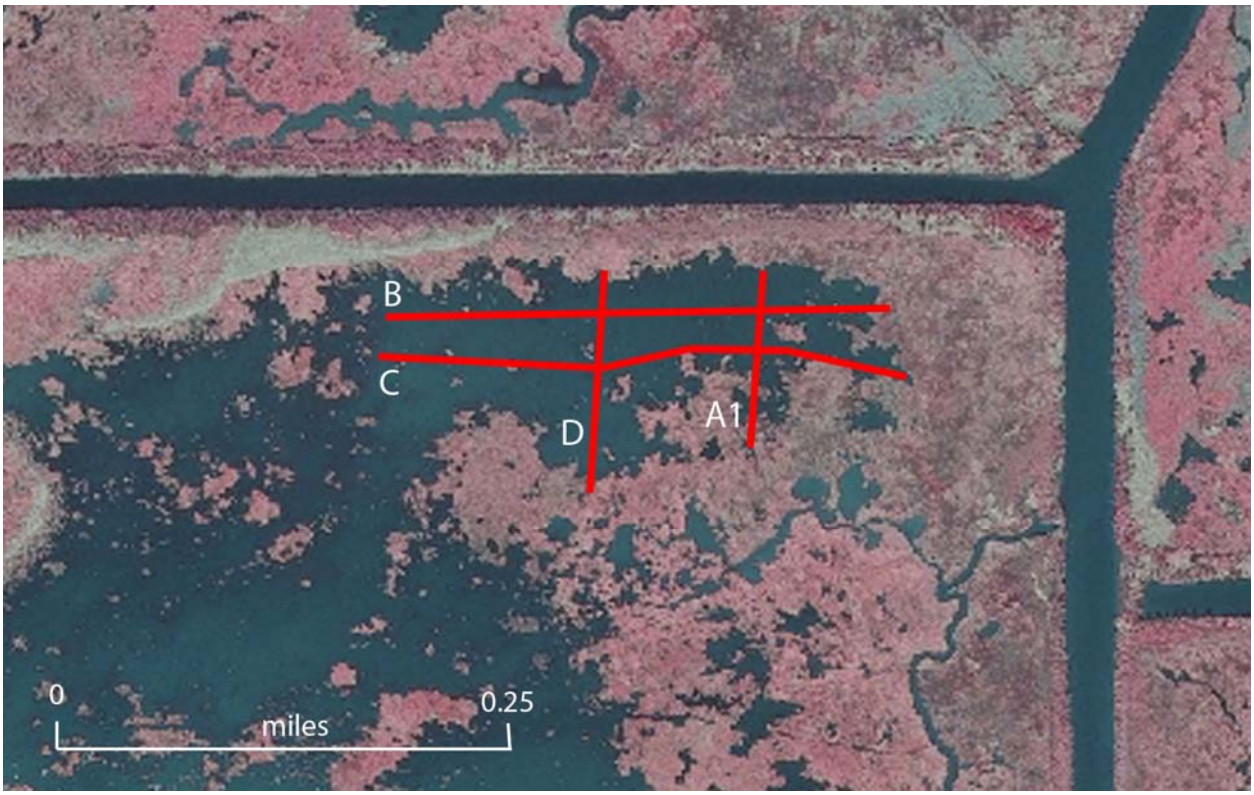


Figure 1. Location diagram for the bottom profile of the pond that will be used for the mini-dredge demo project.

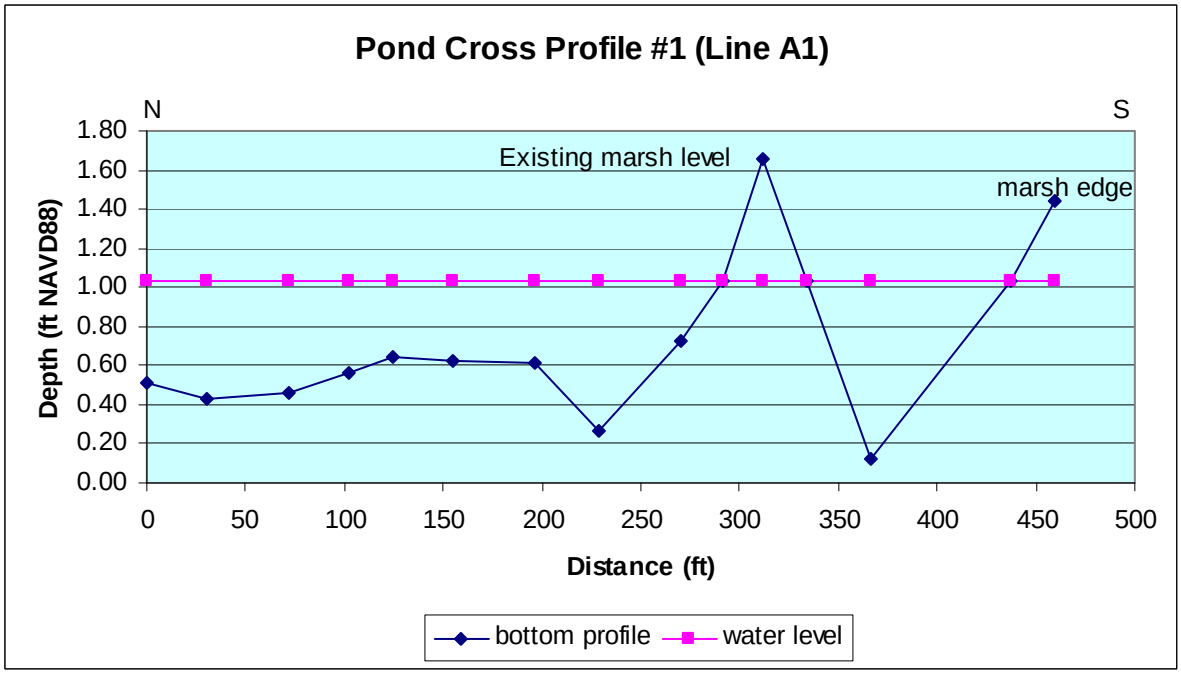


Figure 2. The bottom Profile for Line A1 is a continuation of the cross-bank profile. Water levels and substrate profile were corrected to the nearby LSU study site gage and benchmark.

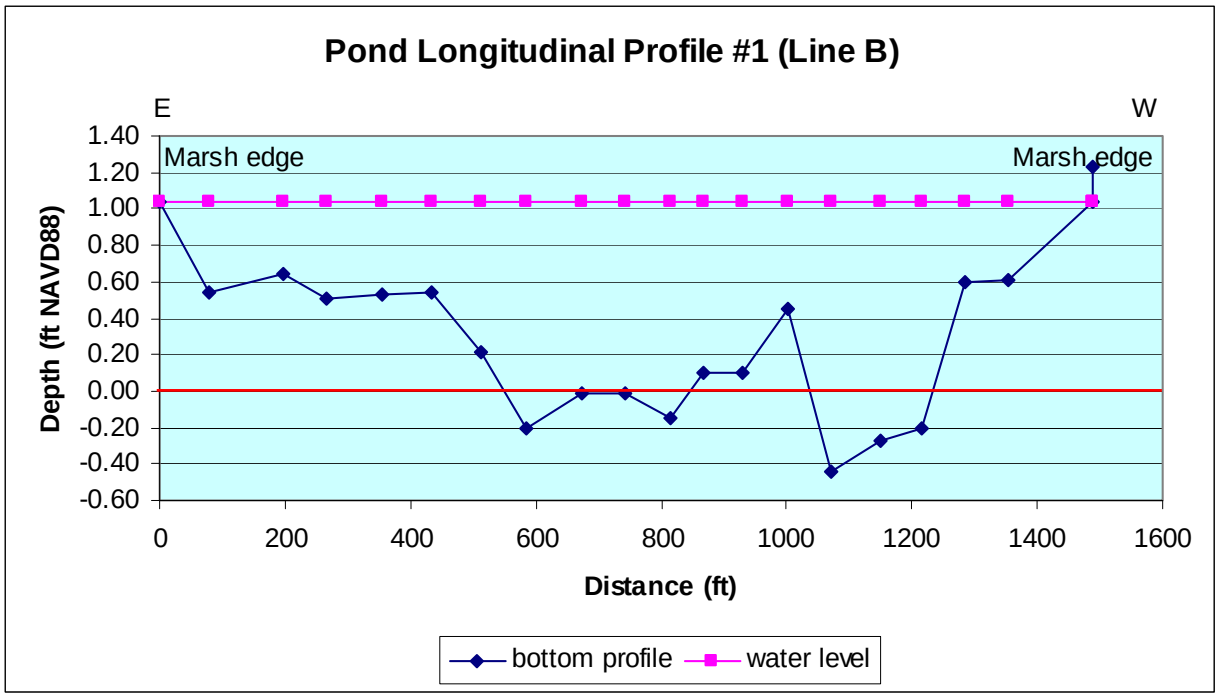


Figure 3. Bottom profile for the long east to west transect B.

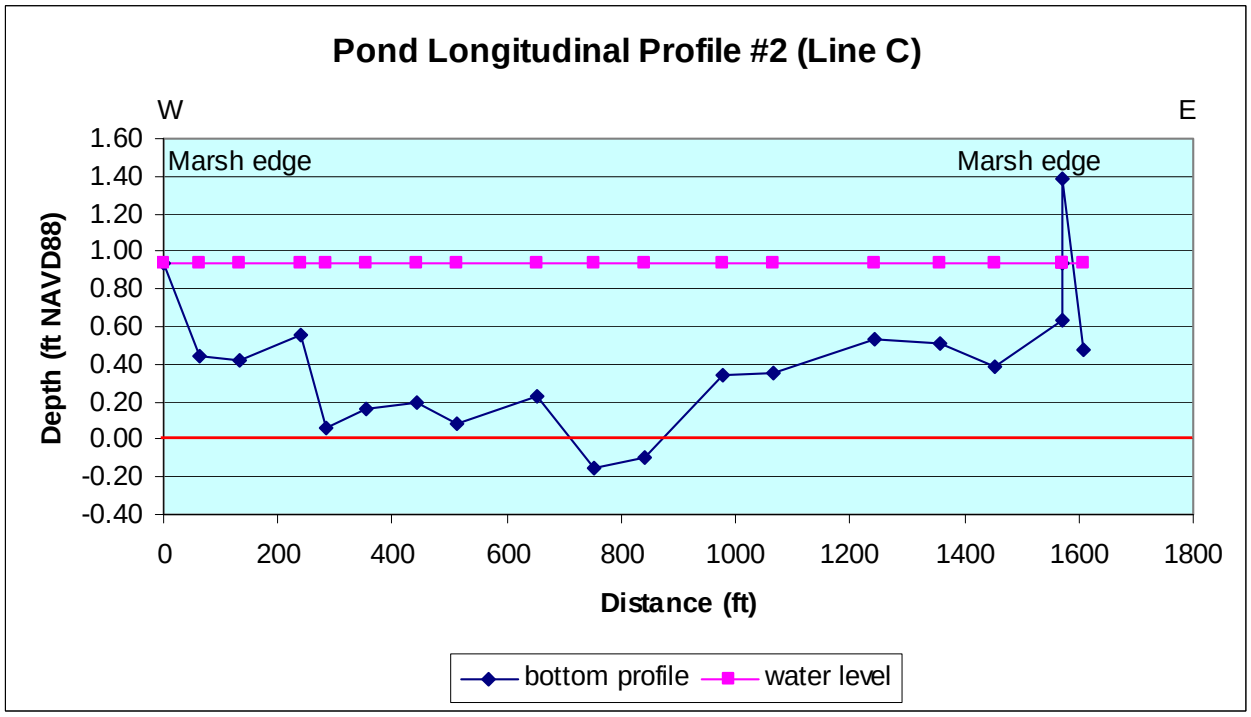


Figure 4. Bottom profile for the long west to east transect C.

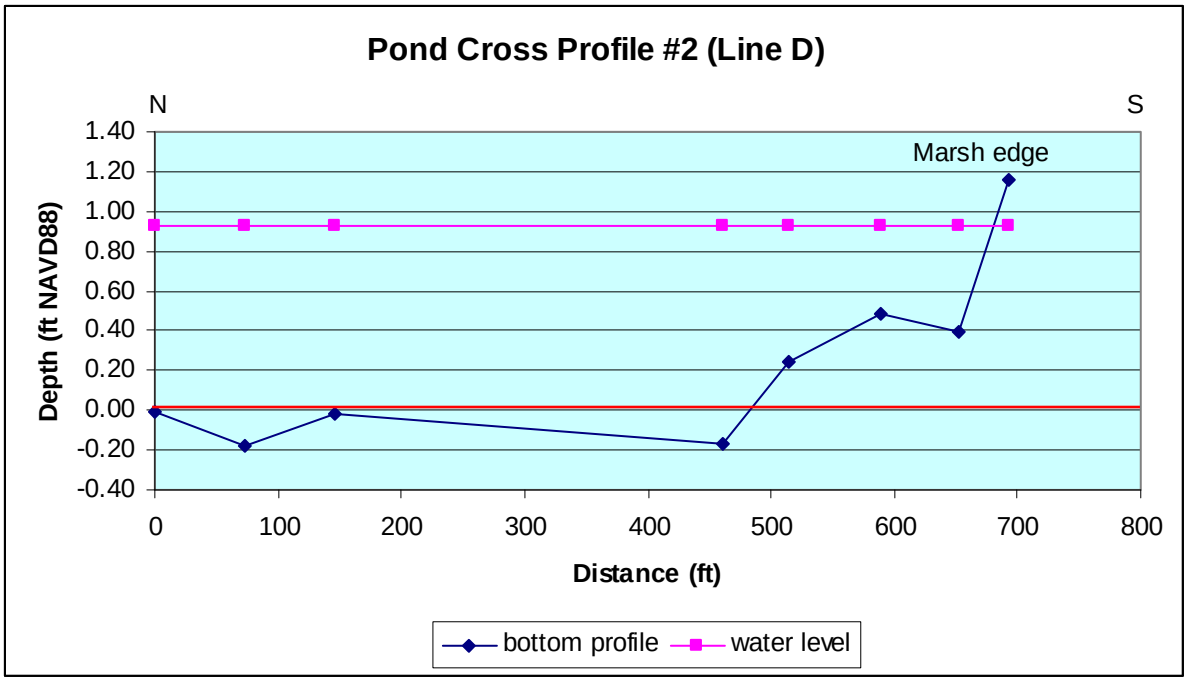


Figure 5. Bottom profile for the north to south transect D.

The average water level from the LSU water gage for the time of survey measured 1.069 ft NAVD88. The elevation of the existing, natural, marsh substrate was approximately 1.5 ft above NAVD88, so that fill should be to this level for marsh restoration. The average elevation of the bottom was 0.44 ft NAVD88. Therefore one acre at an average of 1 foot deep should require 1613 cy of fill, and the16.4-acre target pond will require 26,460 cy.

Level stakes (stakes with depth marked relative to NAVD88) will be placed throughout the target pond prior to fill to provide a guide for fill depth. A series of newly developed sediment containment booms may be employed to encourage sediment to settle and reduce the amount of overflow to other parts of the marsh. However, any “escaped” sediment is expected to enhance surrounding marsh area rather than cause detriment. Keeping the material in the target area is more for proving the efficiency of the mini-dredge.

STATEMENT AND RECOMMENDATION SHEET

TO THE SECRETARY OF THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES ON COASTAL USE PERMIT DECISION

CUP # P20081541

1.) Were any objections received? yes Comment on them:
Commenting agencies (LDWF, OCRM, NMFS) objected to the placement of a control structure on Bayou Cassmer, structure 5. The controversial structure was removed from the application and plats.

2.) Does the applicant have any objections or concern about conditions in the permit?
No

3.) Statement explaining the basis for this decision. (conformity with guidelines)
Conforms with LCRP with inclusion of standard conditions, Chitimacha condition, Blackbear condition from LDWF, condition to avoid surrounding wetlands and condition regarding ~~operato~~ operational ~~schedule~~ schedule

4.) Has the size of the area to be impacted by this project been reduced during the permit application review process? (check one)

a.) X Yes
b.) ____ No
1.) ____ Impacted area the same
2.) ____ Impacted area greater

5.) After a full and fair consideration of all applicable information and a balancing of social, environmental and economic factors, the activity has been determined to be:

____ in conformity with the coastal use guidelines and is recommended for issuance.

X in conformity with the coastal use guidelines if the conditions listed on the permit are adhered to. Therefore, the permit is recommended for issuance with conditions.

____ not in conformity with coastal use guidelines and is recommended for denial.

6.) Were any CRD projects within 1/4 mile of the proposed project? (check one)

a.) ~~✓~~ No
b.) ✓ Yes
1.) ____ CRD/CED found no likely impacts (date: ____)
2.) ____ CRD/CED suggested project changes or permit conditions that were addressed by:
TV-13B 12/30/08
TV-19 12/30/08

Nick Dell Permit Analyst	12/30/09 Date	$878.00 processing fee due project is not inconsistent w/ State Master Plan 12/30/08
Regina Lah Permit Coordinator	12/30/09 Date	☐ **Mitigation Required**
____ Mitigation Coordinator	____ Date	
Kat L My Administrator	1/4/2010 Date	

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMNT
P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: **P20081541**

C.O.E. No.: MVN-2009-00016-WY

NAME: **McIlhenney Resources**
c/o Randy Moertle and Assocaites, Inc.
1008 Mar Drive
Lockport, LA 70374
Attn: Randy Moertle

LOCATION: Iberia Parish, LA
Avery Island, 70513. (Site 1) Lat. 29° 52' 30"N, Long. -91° 51' 41"W. (Site 2) Lat. 29° 51' 23"N, Long. -91° 55' 16"W. (Site 3) Lat. 29° 51' 24"N, Long. -91° 55' 03"W. (Site 4) Lat. 29° 51' 09"N, Long. -91° 54' 42"W. (Site 6) Lat. 29° 50' 46"N, Long. -91° 52' 55"W. (required maintenance dredging) Lat. 29° 50' 58"N, Long. -91° 54' 45"W.

DESCRIPTION: Proposed water control structure repair, plug repairs, and installation of plugs at sites along with proposed maintenance dredging. Work at site 1 includes repairs to existing plugs with 118 cubic yards of native material dredged from a 20' x 40' open water area. Site 2 will require 37 cubic yards of native material, excavated from a 10' x 25' area, to repair washout at an existing weir. Site 3 will require 78 cubic yards of material, dredged from a 15' x 35' area, to repair washout at an existing weir. A portion of the work at site 4 was completed under EUA 08-049. A washout was repaired with material excavated from the access route and 222 cubic yards of material from a 30' x 50' area. Additional work at site 4 includes the installation of 48" corrugated pipe, a weir box and plug and 444 cubic yards of material excavated from a 30' x 100' area to repair washouts along the existing weir. Sites 6 will requires the installation of a new plug, constructed with 370 cubic yards of material excavated from a 25' x 100' area. Access dredging will displace 16,293 cubic yards of material which will be stacked along the bankline and placed at site 4. No additional dredge or fill is required. No land access is required.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permitted agrees to:

1. Carry out or perform the use in accordance with the plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter, or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration or removal should the Department of Natural Resources determine it necessary.

5. Hold and save the State of Louisiana, the local government, the department and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Coastal Management Division of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Coastal Management Division by providing the information in writing or entering the information through the online system, within three (3) days of the date of initiation of the authorized work.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two years from the date of the signature of the Secretary or his designee. If the Coastal Use is not initiated within this two year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permitted must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

    a. All logs, stumps and other debris unearthed during dredging shall be removed to an approved disposal site on land.

    b. That permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary treatment (30 mg/l BOD5) with disinfection prior to discharge into any of the streams or adjacent waters of the area or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.

    c. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditionalcultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

d. All structures built under the authorization and conditions of this permit shall be removed from the site within 120 days of abandonment of the facilities for the herein permitted use, or when these structures fall into a state of disrepair such that they can no longer function as intended. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for such removal activities.

e. As-built drawings shall be submitted within 30 days of completion of this project to the Louisiana Department of Natural Resources, Office of Coastal Management, PO Box 44487, Baton Rouge, LA 70804-4487.

f. Structures must be marked/lighted in accordance with U. S. Coast Guard regulations.

g. That should changes in the location or the section of the existing waterways, or in the generally prevailing conditions in the vicinity be required in the future, in the public interest, Permittee shall make such changes in the project concerned or in the arrangement thereof as may be necessary to satisfactorily meet the situation and shall bear the cost thereof. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for project modifications.

h. The project may be inspected by the Office of Coastal Management within two (2) years of the construction to determine if the project components (plugs, gaps, canal, water control structures, etc.) are operating in a satisfactory manner. Should the plug or other project components not be functioning at that time permittee shall be required to perform maintenance activities needed to return the project to proper functioning; (such as returning the plug to its intended water blocking function).

i. This permit specifically does not authorize propwashing.

j. No wheeled or tracked vehicles or amphibious equipment are to be used across vegetated wetland areas for any phase of the permitted work.

k. Water levels will be maintained according to the operational schedule included in the authorized plats. At the request of LDWF, NMFS and/or USFWS, permittee may be required to modify the operational schedule. If such a modification is requested, permittee will be required to submit a revised Joint Permit Application and plats that reflect the revised operational schedule.

l. The Louisiana black bear (Ursus americanus luteolus) may occur in your general project area. It is listed as threatened under the Endangered Species Act. The Louisiana black bear utilizes a variety of habitat types, including forested wetlands, marsh, spoil banks, and upland forests. The primary threats to the species are continued loss of bottomland hardwoods, fragmentation of remaining forested tracts, and human-caused mortality. Louisiana black bears, particularly pregnant females, normally den from December through April. Bald cypress (Taxodium distichum) and tupelo gum (Nyssa aquatica) with visible cavities, having a diameter at breast height of 36 inches or greater, and occurring in or along rivers, lakes, streams, bayous, sloughs, or other water bodies have legal protection as candidate or actual den trees. If construction is to be performed during the denning season or if bald cypress or tupelo gum with diameters at breast height of 36 inches or greater will be removed or destroyed, further consultation with this office will be necessary. We strongly urge workers and contractors to avoid bears, particularly if work is to be conducted during the non-denning season (April through December). Employees should be cautioned to not leave food or garbage in the field, as bears can become attracted and accustomed to human food easily. In addition, we

recommend the use of bear proof garbage containers on site. If you have any questions please call Maria Davidson at 337-948-0255.

No other 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 Louisiana Natural Heritage Program (LNHP) has compiled data on rare, endangered, or otherwise significant plant and animal species, plant communities, and other natural features throughout the State of Louisiana. LNHP reports summarize the existing information known at the time of the request regarding the location in question. LNHP 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 LNHP tracked species are encountered within the project area, please contact our biologist at 225-765-2643.

m. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

n. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.

o. Permittee shall allow representatives of the Office of Coastal Management or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.

p. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.

q. Permittee shall provide reports to OCM documenting the operations of all permitted water control structures. The reports should include, but not be limited to, the following:

Salinity and Water Level:

1. A staff gauge shall be installed on the inside and outside of the water control structure at site No. 4. The staff gauge shall be calibrated to an elevation datum that is congruent throughout the project area. The interior gauge shall be installed a minimum of 100 feet inward from the water control structure

2. Permittee shall measure and record salinity and water level at this location at a minimum frequency of once per month when the water control structure is in an open configuration. When the structure is set in a closed configuration (i.e., flapgates operating and/or stoplogs raised), the sampling frequency shall be increased to a minimum of twice per month at approximately two week intervals.

Vegetation and Marsh Response

1. Two vegetation transects shall be established and sampled prior to project implementation and at years (5) and (10) following installation of all project features and commencement of management activities. These transects shall be established so as to provide a representative sample of emergent, submergent and floating plant communities. Vegetation sampling shall be methodically and seasonally consistent.

2. Estimates of marsh and open water acreage shall be determined prior to project implementation, and approximately at years (5) and (10) following installation of all

project features and commencement of management activities. Such estimates may be determined through comparison of aerial photography, satellite imagery or other objective methodology to be defined in the monitoring report.

Other

Permittee shall perform a general survey of the site annually and record any qualitative and quantitative changes in physical and biological characteristics observed.

Permittee shall record the dates and nature of all changes in structure configuration and the basis for such changes.

Monitoring shall commence with the first year of project construction. During the construction phase, all or part of these requirements may be temporarily waived upon written notification by the Office of Coastal Management and the New Orleans District US Army Corps of Engineers, if deemed appropriate.

Reporting provisions

Permittee shall submit annual progress reports to the Office of Coastal Management and the New Orleans District, US Army Corps of Engineers detailing the work that has been completed and work that remains to be completed under this Coastal Use Permit until the project is fully implemented. Annual progress reports shall be submitted by March 1 of each year until the project is complete.

Permittee shall submit annual monitoring reports, providing the information described in the monitoring plan to the Office of Coastal Management and the New Orleans District US Army Corps of Engineers and to other state and federal agencies for review.

Permittee shall submit written notification of the project commencement date, within (7) days of project commencement and applicant shall submit written notification of the project completion date, within (30) days of project completion to the Louisiana Department of Natural Resources, Office of Coastal Management, P.O. Box 44487, Baton Rouge, LA 70804-4487.

r. This permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D.). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

Expiration of this permit shall be in accordance with R.S. 49:214.30.C.8.

A new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items and for any dredge and/or fill activities not specifically authorized herein. Other types of maintenance activities may also require a new Coastal Use Permit.

**********END OF CONDITIONS**********

By accepting this permit the applicant agrees to its terms and conditions.

I affix my signature and issue this permit this 4th day of January, 2010.

DEPARTMENT OF NATURAL RESOURCES

Karl L. Morgan, Acting Administrator
Office of Coastal Management

This agreement becomes binding when signed by the Administrator of the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

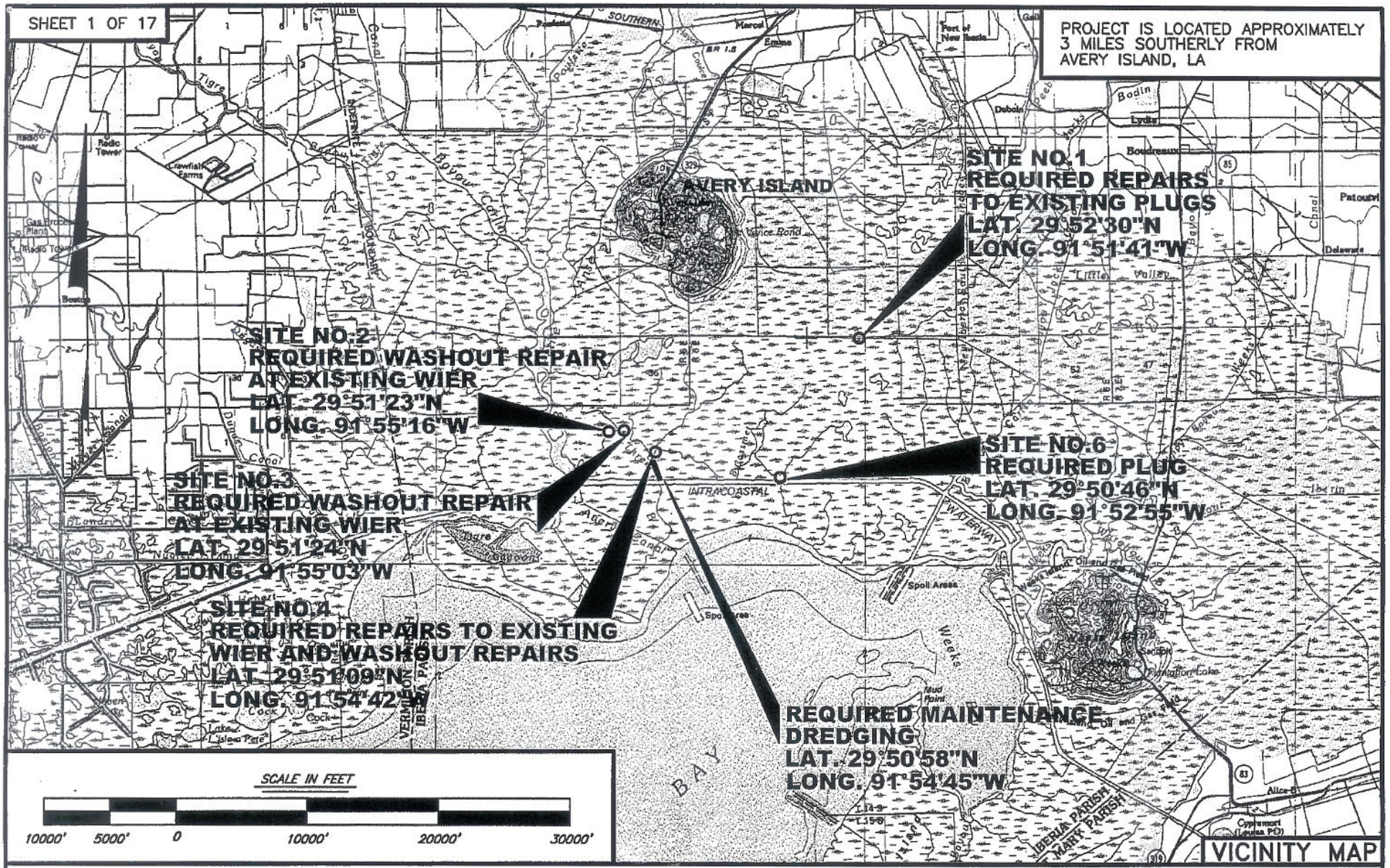
Attachments

Final Plats:
1) P20081541 Final Plats 12/16/09

cc: Pete Serio, COE w/attachments
Dave Butler, LDWF w/attachments
Rick Hartman, NOAA w/ attachments
Patti Holland, USFWS w/ attachments
Peggy Rooney, CMD/SS w/attachments
Charlie Mestayer, CMD/FI w/attachments

McIlhenny Resources w/attachments

SHEET 1 OF 17



PURPOSE: ACCESS FOR PROPOSED MAINTENANCE OF EXISTING WIERS AND EARTHEN PLUGS FOR ONGOING MAINTENANCE AND MANAGEMENT OF PROPERTY

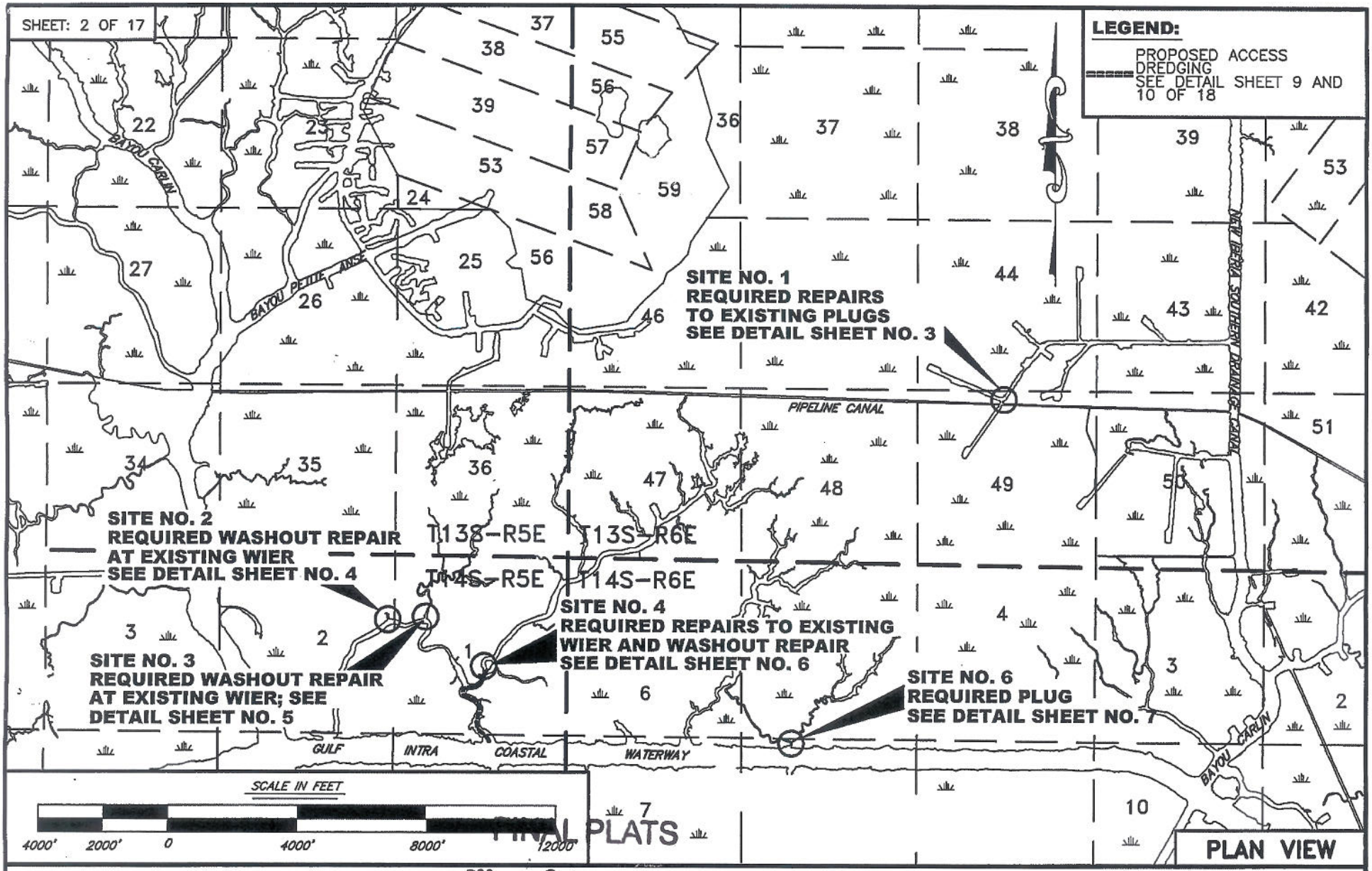
Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 MAR DRIVE LOCKPORT, LA

FINAL PLATS
P20 081541
ND 12/30/09

PERMIT PLAT

PROPOSED WATER CONTROL STRUCTURE REPAIRS, PLUG REPAIRS, AND PLUGS
LOCATED SECTIONS, SEE PLAN VIEW
T13S–R5E THROUGH T14S–R6E
IBERIA PARISH, LOUISIANA

APPLICATION BY: MCILHENNY RESOURCES
DATE: NOVEMBER 6, 2008 REV. SEPTEMBER 25, 2009



PURPOSE: ACCESS FOR PROPOSED MAINTENANCE OF EXISTING WIERS AND EARTHEN PLUGS FOR ONGOING MAINTENANCE AND MANAGEMENT OF PROPERTY

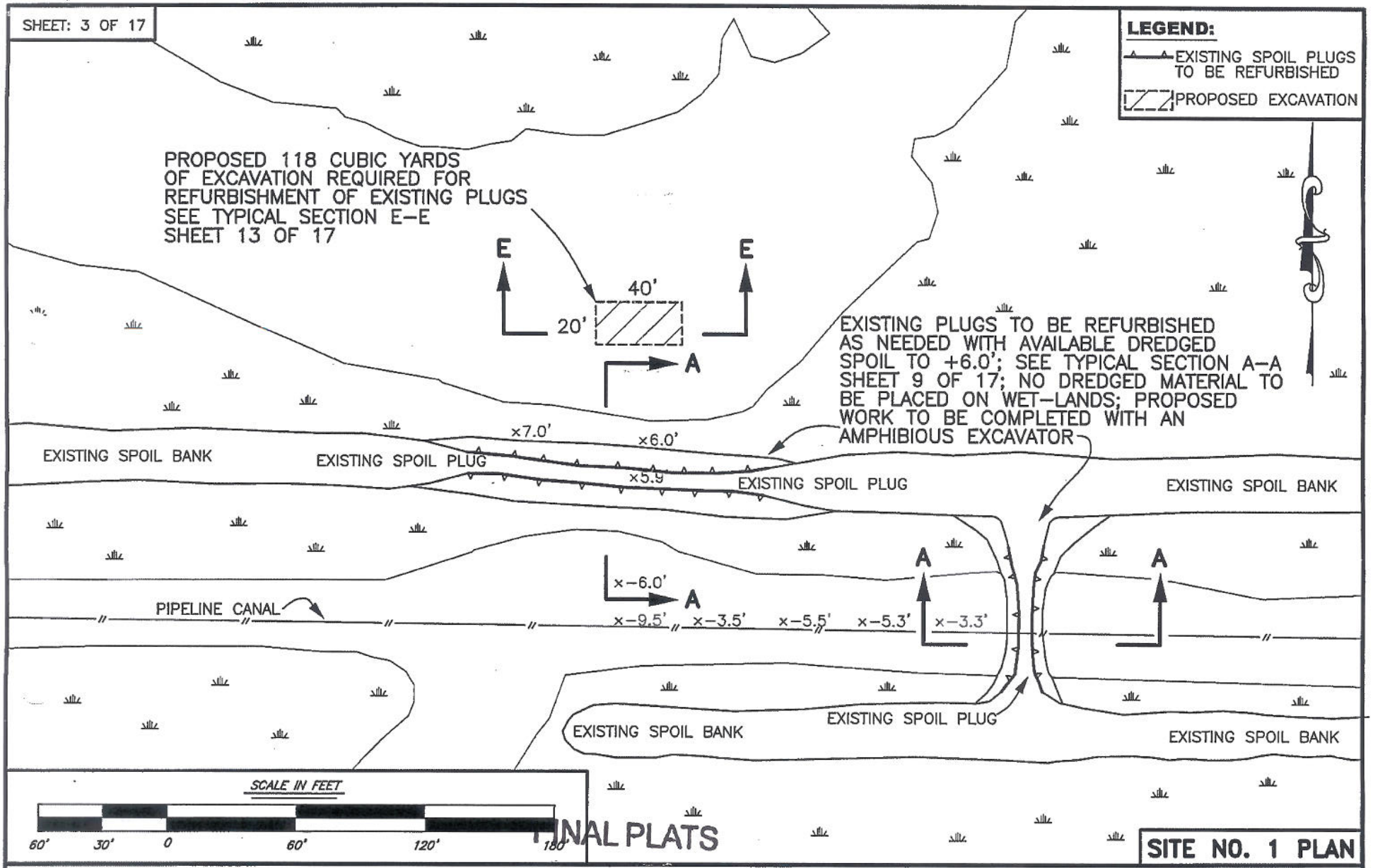
P20 081541
ND 12/30/09

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 MAR DRIVE LOCKPORT, LA

PERMIT PLAT

PROPOSED WATER CONTROL STRUCTURE REPAIRS, PLUG REPAIRS, AND PLUGS LOCATED SECTIONS, SEE PLAN VIEW T13S–R5E THROUGH T14S–R6E IBERIA PARISH, LOUISIANA

APPLICATION BY: MCILHENNY RESOURCES
DATE: NOVEMBER 6, 2008 REV. SEPTEMBER 25, 2009



PURPOSE: ACCESS FOR PROPOSED MAINTENANCE OF EXISTING WIERS AND EARTHEN PLUGS FOR ONGOING MAINTENANCE AND MANAGEMENT OF PROPERTY

P20 081541

12/30/09

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 MAR DRIVE LOCKPORT, LA

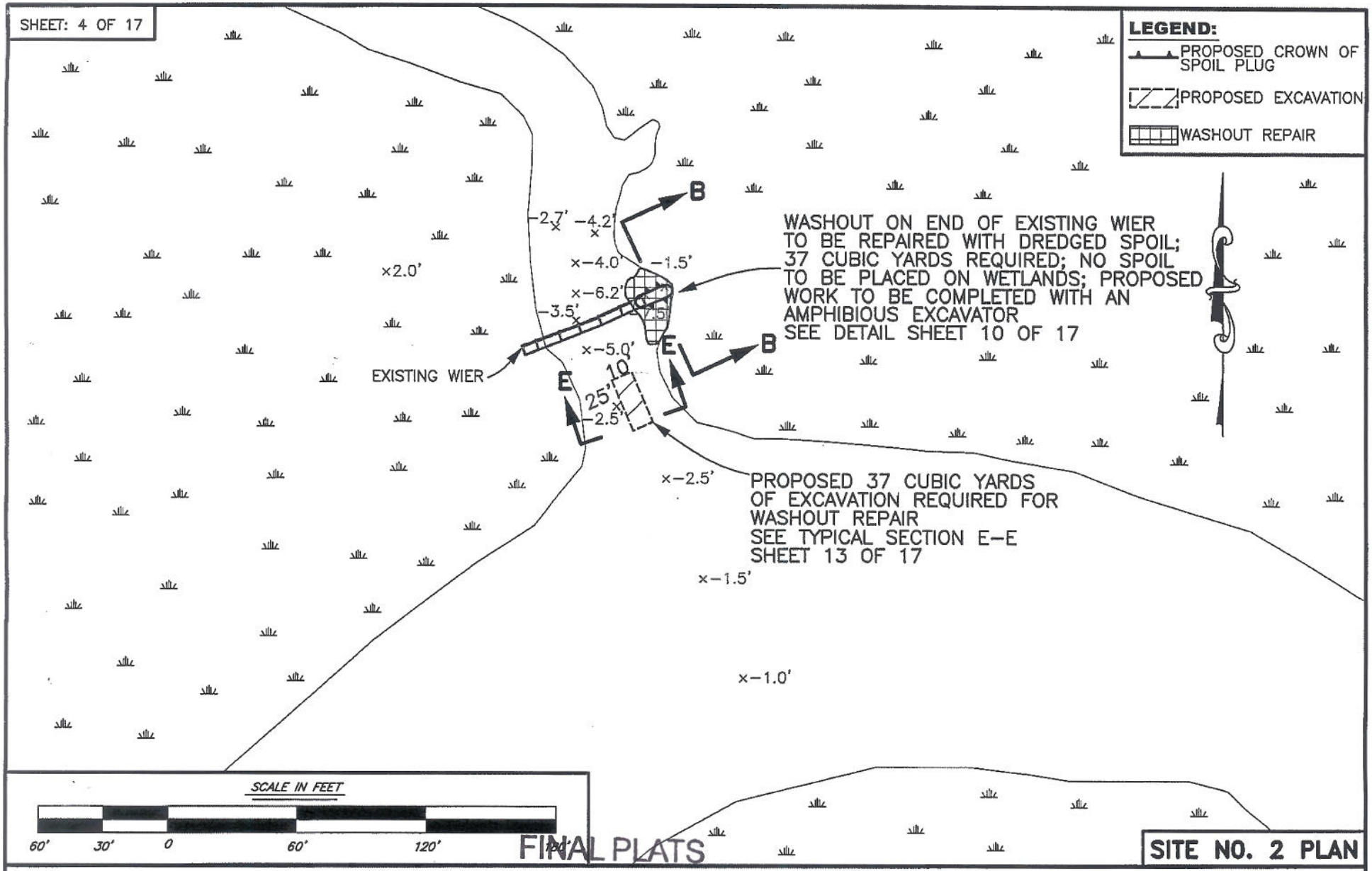
PERMIT PLAT

PROPOSED WATER CONTROL STRUCTURE REPAIRS, PLUG REPAIRS, AND PLUGS LOCATED SECTIONS, SEE PLAN VIEW T13S–R5E THROUGH T14S–R6E IBERIA PARISH, LOUISIANA

APPLICATION BY: MCILHENNY RESOURCES

DATE: NOVEMBER 6, 2008 REV. OCTOBER 18, 2009

SHEET: 4 OF 17



FINAL PLATS

SITE NO. 2 PLAN

PURPOSE: ACCESS FOR PROPOSED MAINTENANCE OF EXISTING WIERS AND EARTHEN PLUGS FOR ONGOING MAINTENANCE AND MANAGEMENT OF PROPERTY

P20 081541

12/30/09

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 MAR DRIVE LOCKPORT, LA

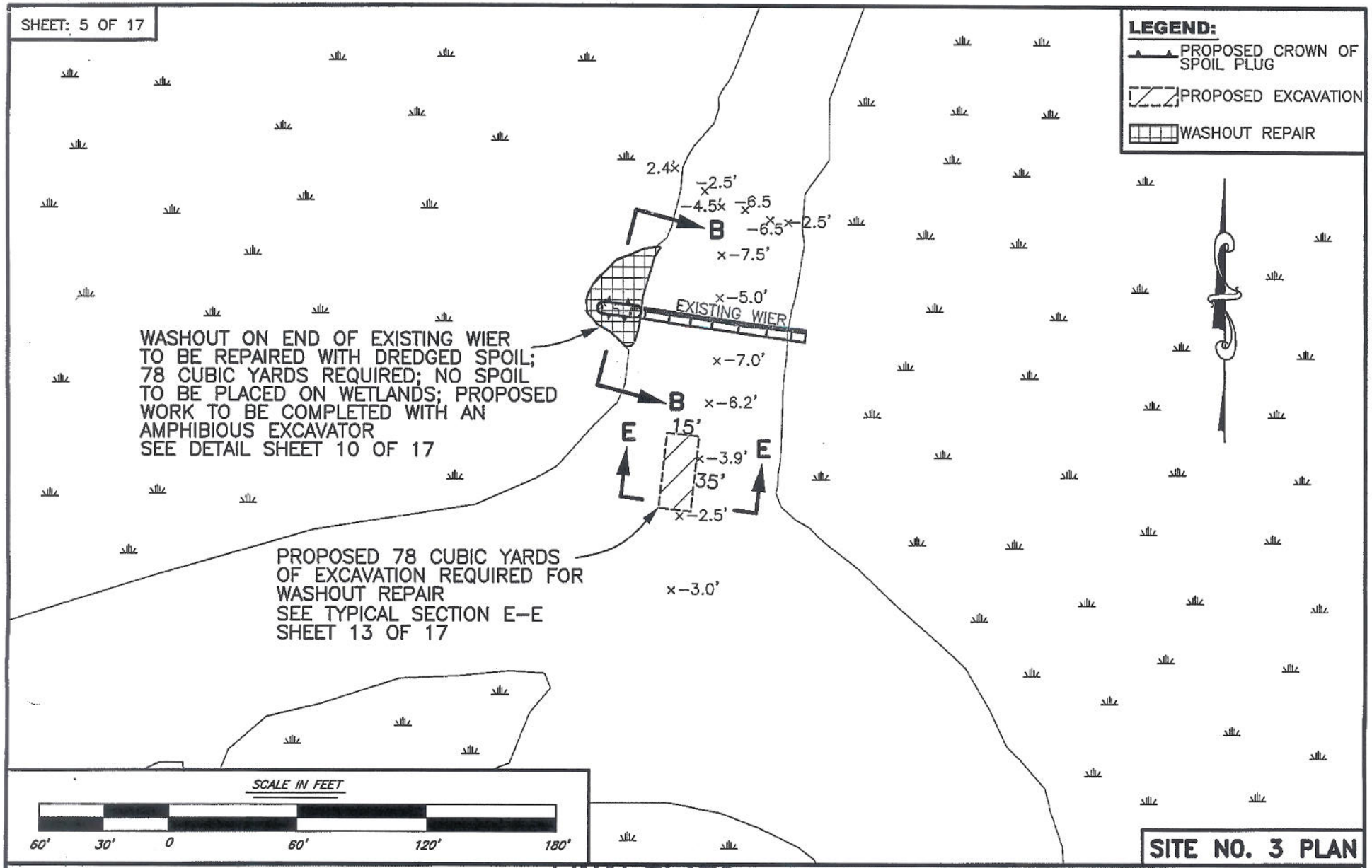
PERMIT PLAT

PROPOSED WATER CONTROL STRUCTURE REPAIRS, PLUG REPAIRS, AND PLUGS LOCATED SECTIONS, SEE PLAN VIEW T13S-R5E THROUGH T14S-R6E IBERIA PARISH, LOUISIANA

APPLICATION BY: MCILHENNY RESOURCES

DATE: NOVEMBER 6, 2008 REV. OCTOBER 18, 2009

SHEET: 5 OF 17



SITE NO. 3 PLAN

PURPOSE: ACCESS FOR PROPOSED MAINTENANCE OF EXISTING WIERS AND EARTHEN PLUGS FOR ONGOING MAINTENANCE AND MANAGEMENT OF PROPERTY

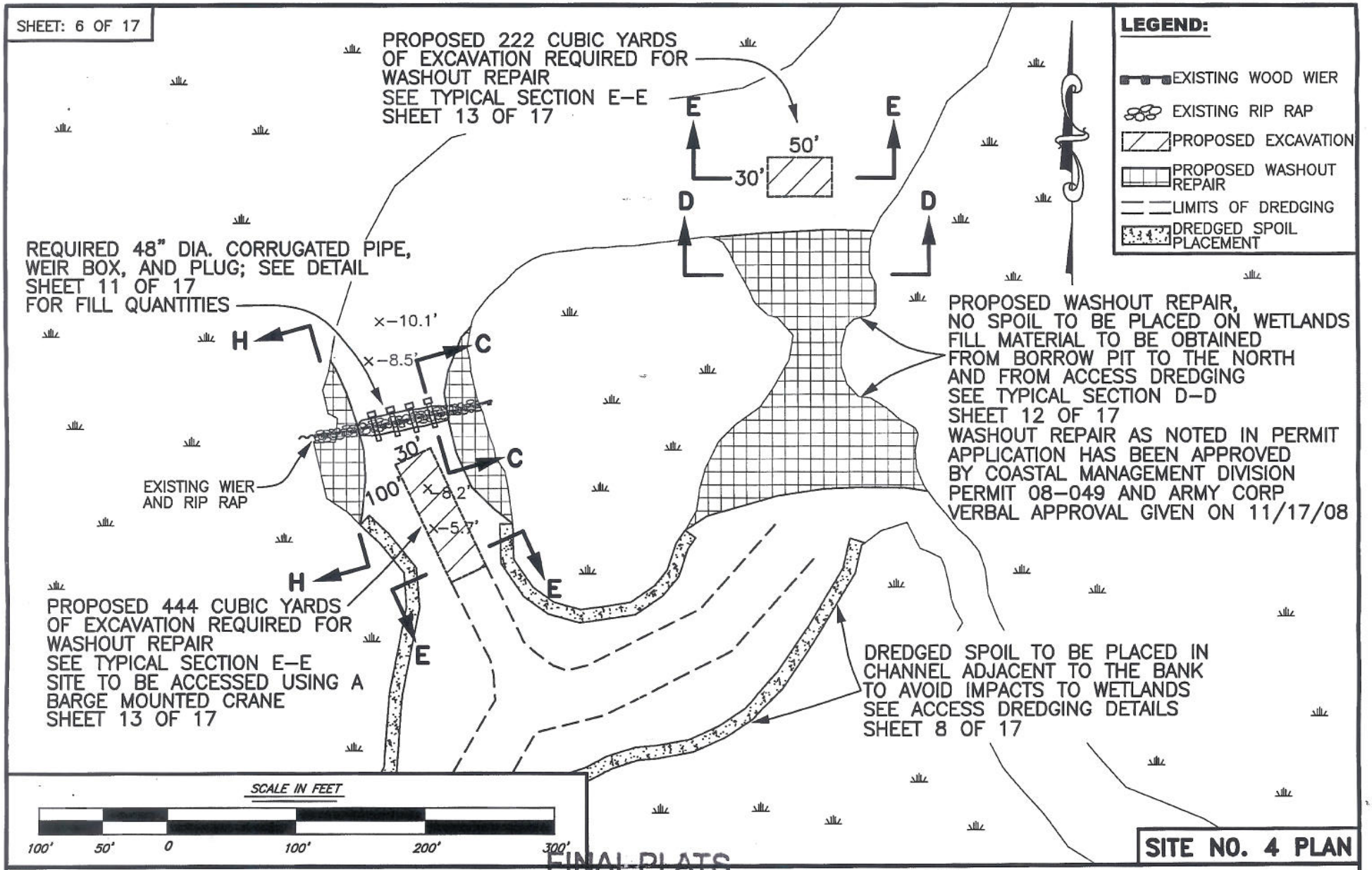
Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 MAR DRIVE LOCKPORT, LA

FINAL PLATS
P20 081541
ND 12/30/09

PERMIT PLAT
PROPOSED WATER CONTROL STRUCTURE REPAIRS, PLUG REPAIRS, AND PLUGS LOCATED SECTIONS, SEE PLAN VIEW
T13S–R5E THROUGH T14S–R6E
IBERIA PARISH, LOUISIANA

APPLICATION BY: MCILHENNY RESOURCES
DATE: NOVEMBER 6, 2008 REV. OCTOBER 18, 2009

SHEET: 6 OF 17



SITE NO. 4 PLAN

FINAL PLATS

P20 081541

ND 12/30/09

PURPOSE: ACCESS FOR PROPOSED MAINTENANCE OF EXISTING WIERS AND EARTHEN PLUGS FOR ONGOING MAINTENANCE AND MANAGEMENT OF PROPERTY

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 MAR DRIVE LOCKPORT, LA

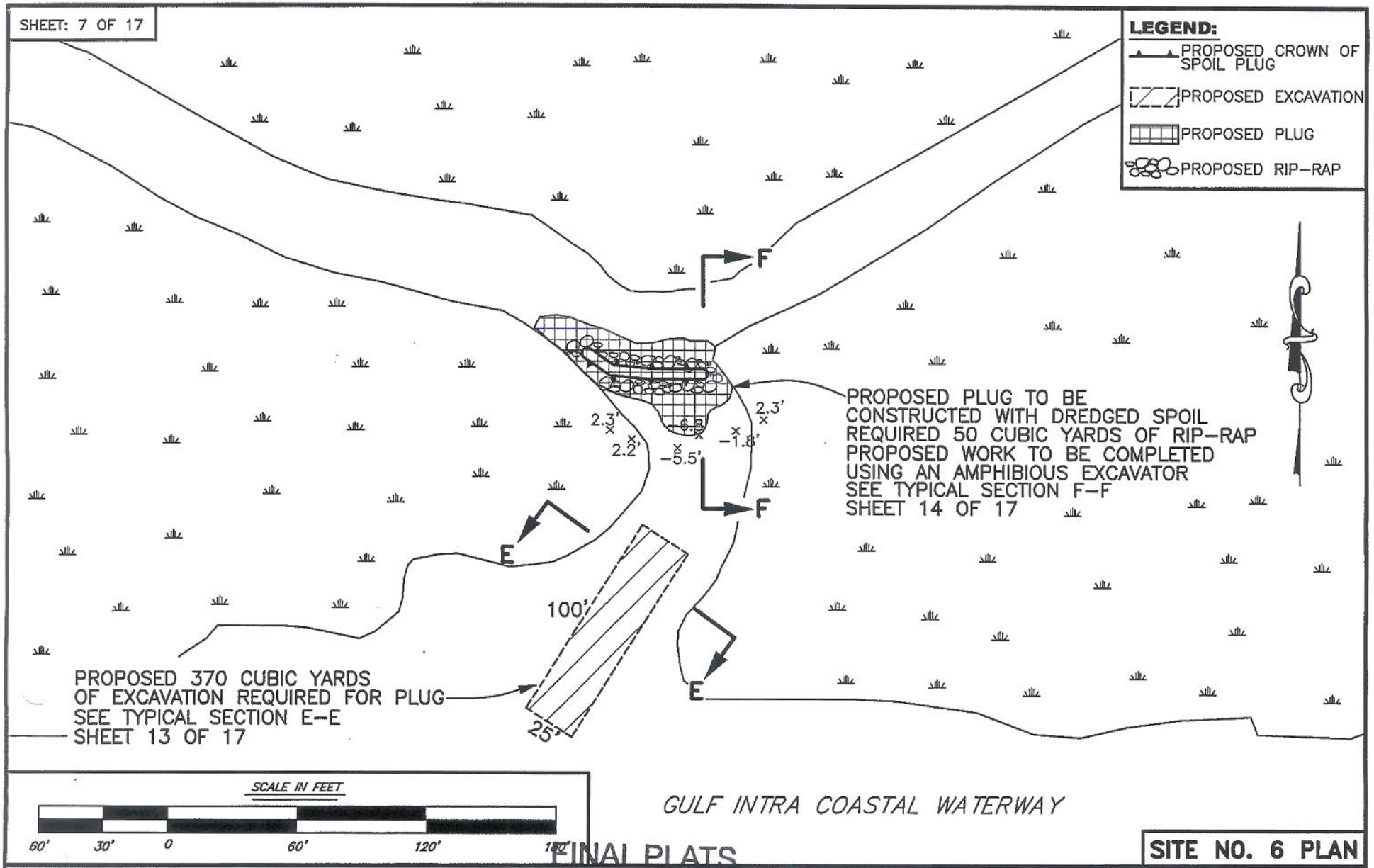
PERMIT PLAT

PROPOSED WATER CONTROL STRUCTURE REPAIRS, PLUG REPAIRS, AND PLUGS LOCATED SECTIONS, SEE PLAN VIEW T13S–R5E THROUGH T14S–R6E IBERIA PARISH, LOUISIANA

APPLICATION BY: MCILHENNY RESOURCES

DATE: NOVEMBER 6, 2008 REV. DECEMBER 16, 2009

SHEET: 7 OF 17



FINAL PLATS

SITE NO. 6 PLAN

PURPOSE: ACCESS FOR PROPOSED MAINTENANCE OF EXISTING WIERS AND EARTHEN PLUGS FOR ONGOING MAINTENANCE AND MANAGEMENT OF PROPERTY

P20 081541

12/30/09

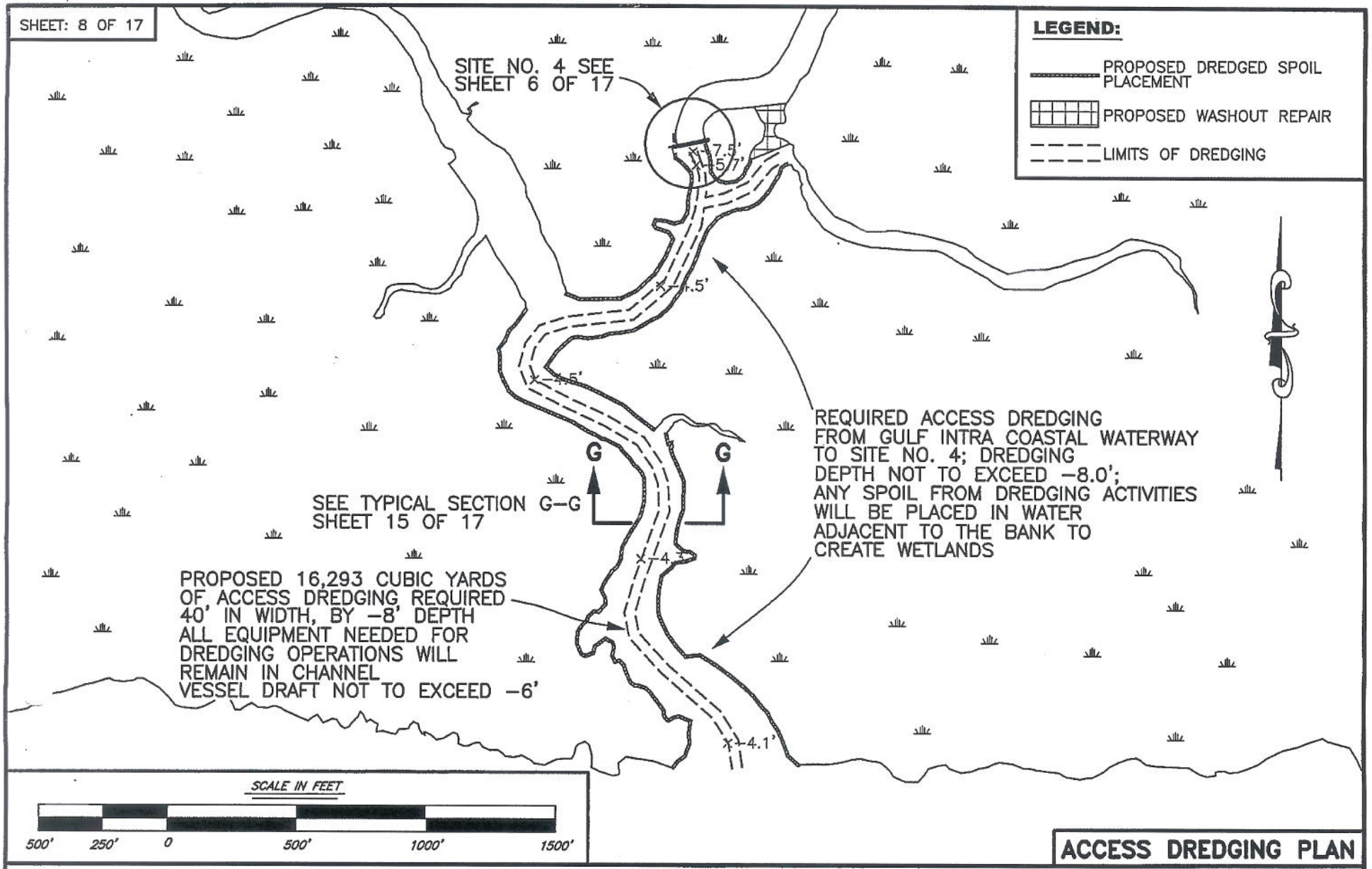
Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 MAR DRIVE LOCKPORT, LA

PERMIT PLAT

PROPOSED WATER CONTROL STRUCTURE REPAIRS, PLUG REPAIRS, AND PLUGS LOCATED SECTIONS, SEE PLAN VIEW T13S-R5E THROUGH T14S-R6E IBERIA PARISH, LOUISIANA

APPLICATION BY: MCILHENNY RESOURCES

DATE: NOVEMBER 6, 2008 REV. OCTOBER 18, 2009



ACCESS DREDGING PLAN

PURPOSE: ACCESS FOR PROPOSED MAINTENANCE OF EXISTING WIERS AND EARTHEN PLUGS FOR ONGOING MAINTENANCE AND MANAGEMENT OF PROPERTY

FINAL PLATS

P20 081541

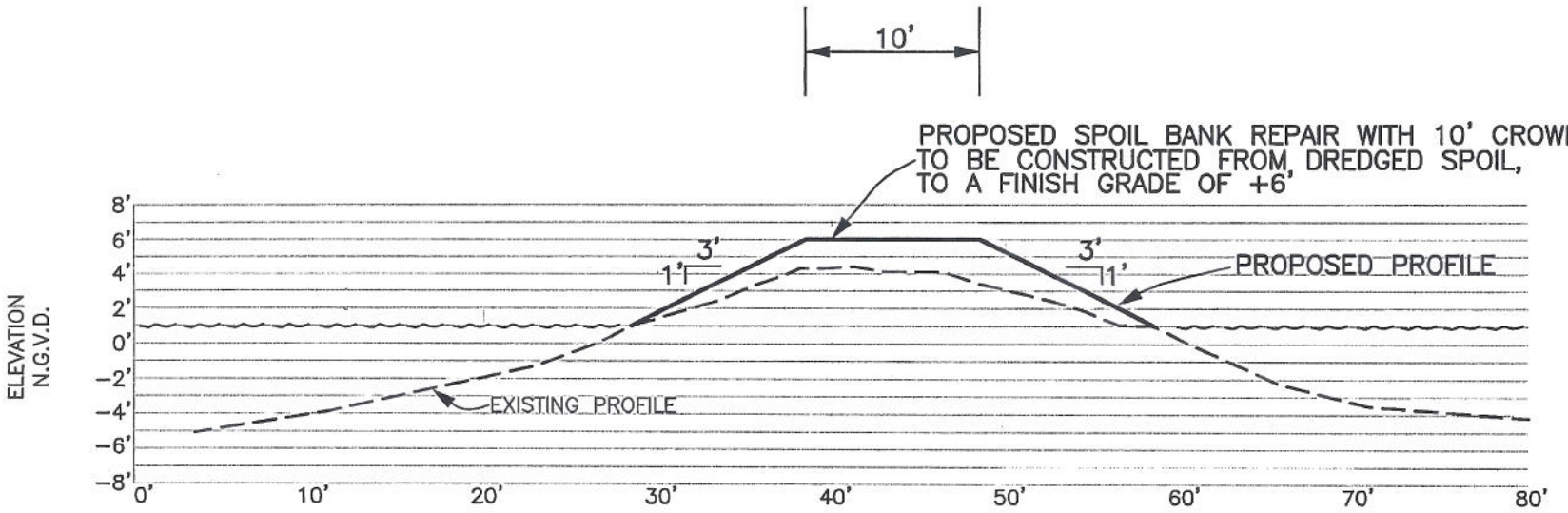
PERMIT PLAT

PROPOSED WATER CONTROL STRUCTURE REPAIRS, PLUG REPAIRS, AND PLUGS LOCATED SECTIONS, SEE PLAN VIEW T13S–R5E THROUGH T14S–R6E IBERIA PARISH, LOUISIANA

APPLICATION BY: MCILHENNY RESOURCES

DATE: NOVEMBER 6, 2008 REV. SEPTEMBER 25, 2009

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 MAR DRIVE LOCKPORT, LA



TYPICAL SECTION A–A

SPOIL BANK REPAIRS

SCALE: HORIZONTAL SCALE 1" = 10'
VERTICAL SCALE 1" = 10'

TYPICAL SECTION A–A

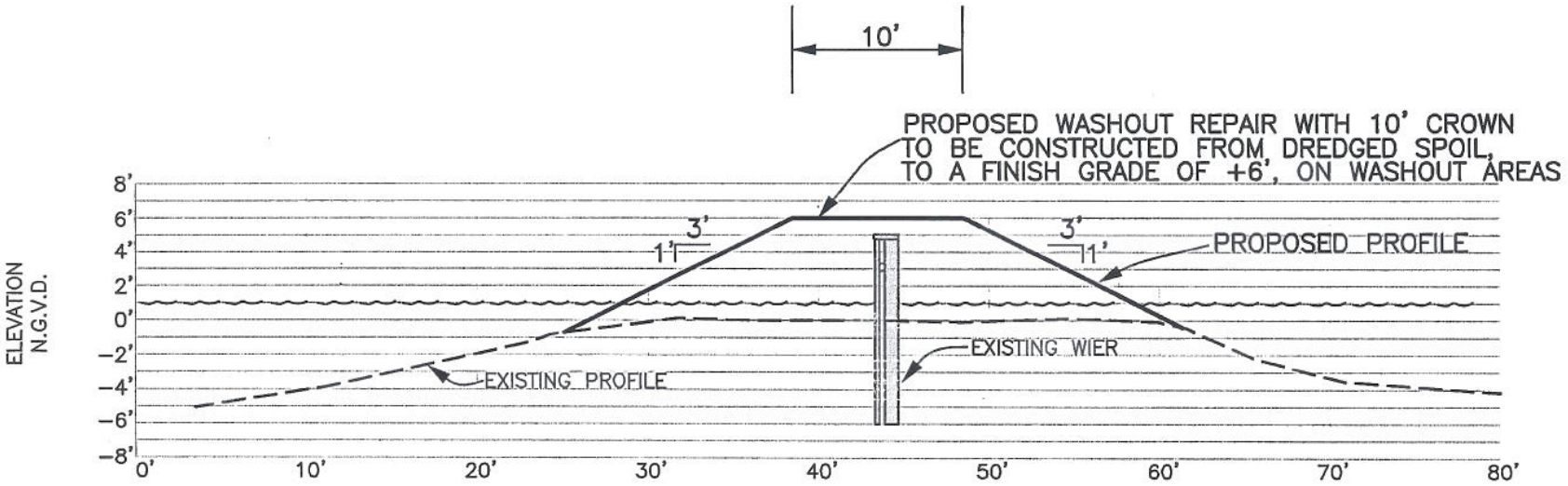
PURPOSE: ACCESS FOR PROPOSED MAINTENANCE OF EXISTING WIERS AND EARTHEN PLUGS FOR ONGOING MAINTENANCE AND MANAGEMENT OF PROPERTY

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 MAR DRIVE LOCKPORT, LA

FINAL PLATS
P20 081541
ND 12/30/09

PERMIT PLAT
PROPOSED WATER CONTROL STRUCTURE REPAIRS, PLUG REPAIRS, AND PLUGS LOCATED SECTIONS, SEE PLAN VIEW T13S–R5E THROUGH T14S–R6E IBERIA PARISH, LOUISIANA

APPLICATION BY: MCILHENNY RESOURCES
DATE: NOVEMBER 6, 2008 REV. SEPTEMBER 25, 2009



TYPICAL SECTION B–B

WASHOUT REPAIR AND EXISTING WIER

SCALE: HORIZONTAL SCALE 1" = 10'
VERTICAL SCALE 1" = 10'

FINAL PLATS

P20 081541

ND 12/30/09

TYPICAL SECTION B–B

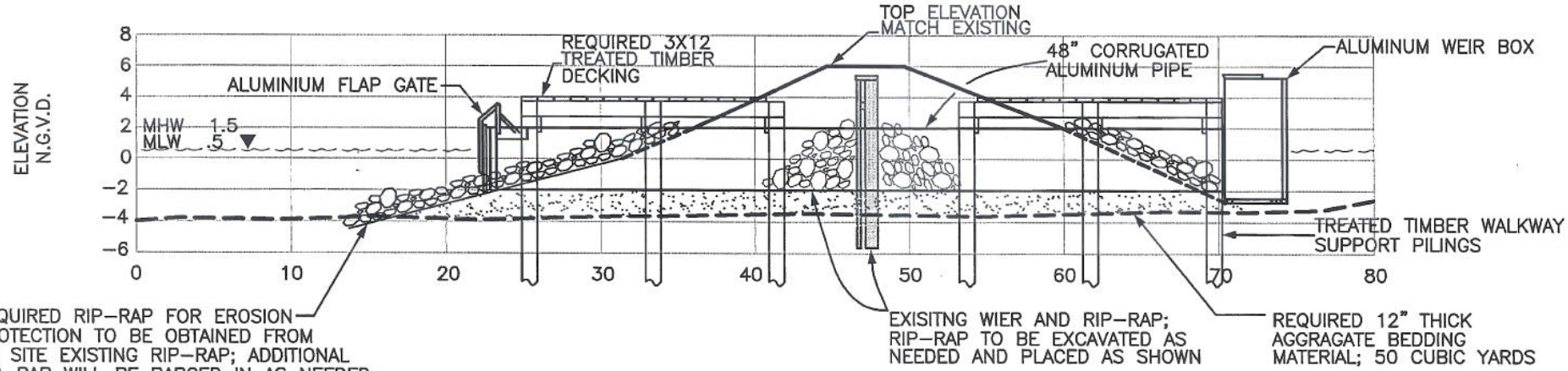
PURPOSE: ACCESS FOR PROPOSED MAINTENANCE OF EXISTING WIERS AND EARTHEN PLUGS FOR ONGOING MAINTENANCE AND MANAGEMENT OF PROPERTY

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 MAR DRIVE LOCKPORT, LA

PERMIT PLAT

PROPOSED WATER CONTROL STRUCTURE REPAIRS, PLUG REPAIRS, AND PLUGS LOCATED SECTIONS, SEE PLAN VIEW T13S–R5E THROUGH T14S–R6E IBERIA PARISH, LOUISIANA

APPLICATION BY: MCILHENNY RESOURCES
DATE: NOVEMBER 6, 2008 REV. SEPTEMBER 25, 2009



TYPICAL SECTION C−C
CORRUGATED PIPE AND WIER BOX

SCALE: HORIZONTAL SCALE 1" = 10'
VERTICAL SCALE 1" = 10'

FINAL PLATS

TYPICAL SECTION C−C

PURPOSE: ACCESS FOR PROPOSED MAINTENANCE OF EXISTING WIERS AND EARTHEN PLUGS FOR ONGOING MAINTENANCE AND MANAGEMENT OF PROPERTY

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 MAR DRIVE LOCKPORT, LA

P20 081541
ND 12/30/09

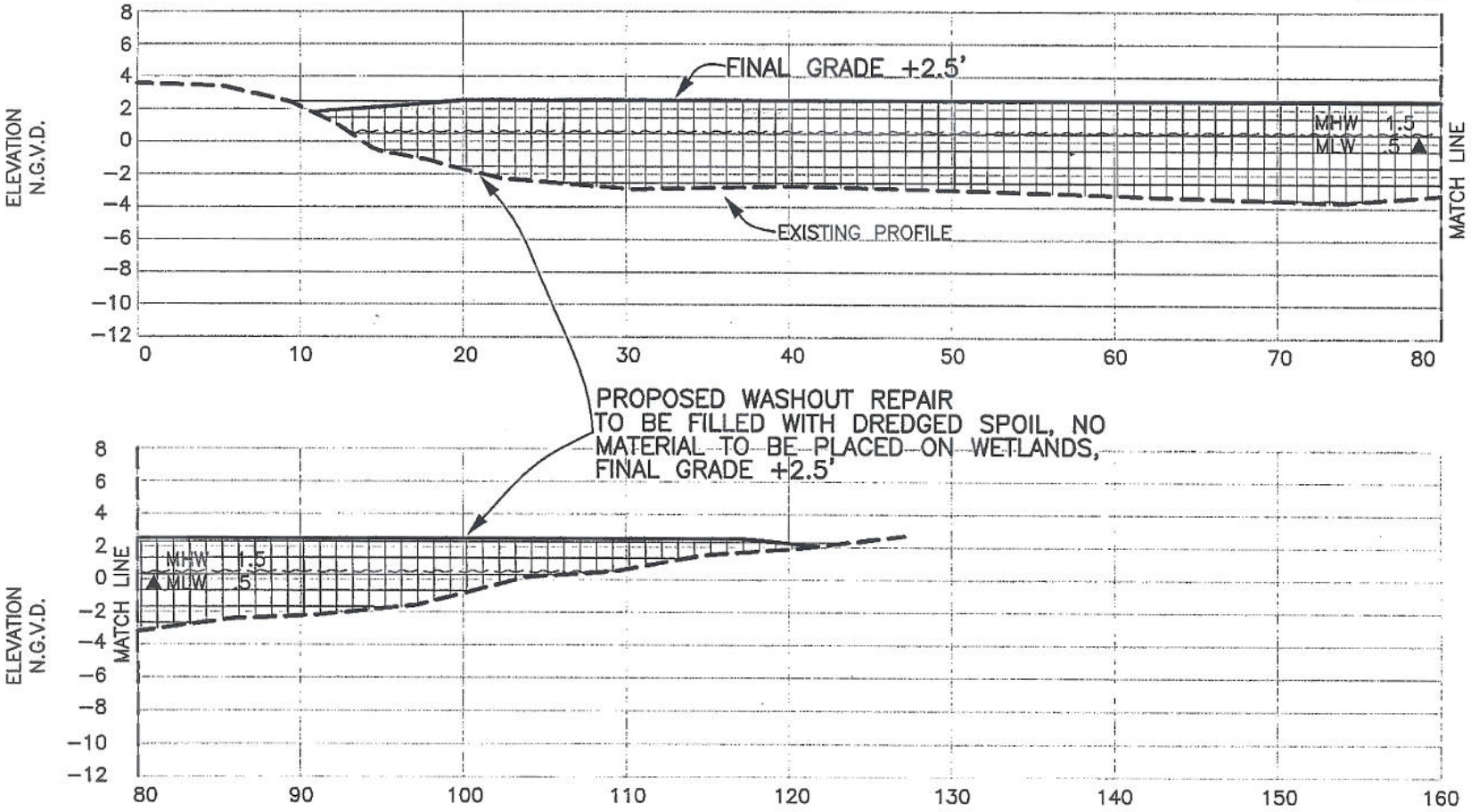
PERMIT PLAT
PROPOSED WATER CONTROL STRUCTURE REPAIRS, PLUG REPAIRS, AND PLUGS LOCATED SECTIONS, SEE PLAN VIEW T13S−R5E THROUGH T14S−R6E IBERIA PARISH, LOUISIANA

APPLICATION BY: MCILHENNY RESOURCES
DATE: NOVEMBER 6, 2008 REV. NOVEMBER 23, 2009

SHEET: 12 OF 17

LEGEND:

PROPOSED WASHOUT REPAIR



TYPICAL SECTION D–D
WASHOUT REPAIR

SCALE: HORIZONTAL SCALE 1" = 10'
VERTICAL SCALE 1" = 10'

FINAL PLATS

TYPICAL SECTION D–D

PURPOSE: ACCESS FOR PROPOSED MAINTENANCE OF EXISTING WIERS AND EARTHEN PLUGS FOR ONGOING MAINTENANCE AND MANAGEMENT OF PROPERTY

P20 081541
12/30/09 220

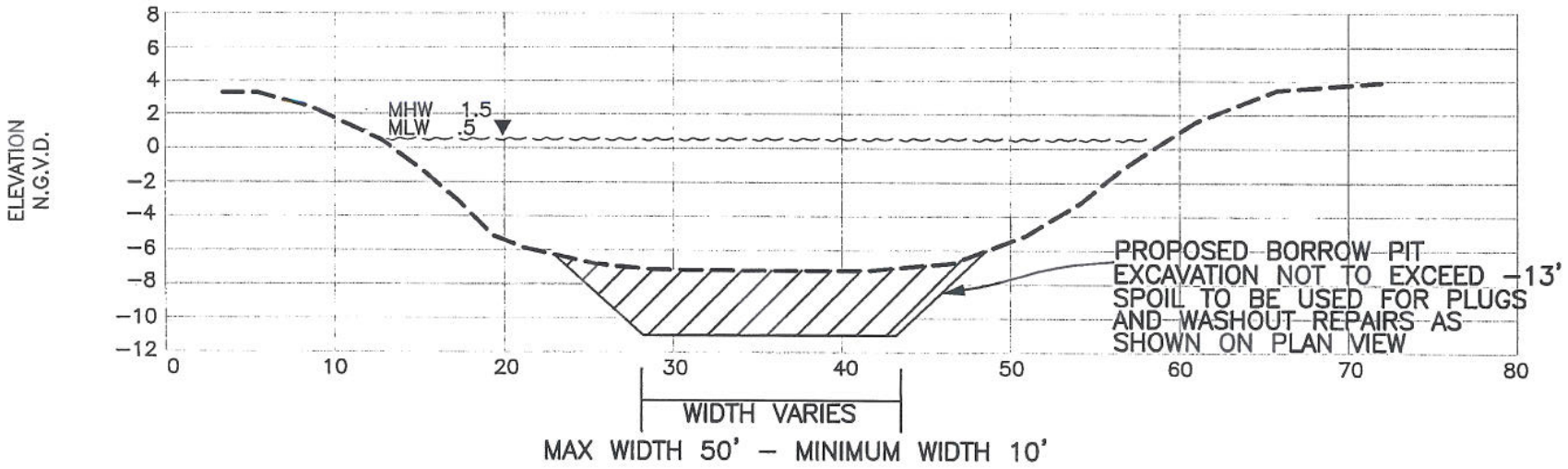
Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 MAR DRIVE LOCKPORT, LA

PERMIT PLAT

PROPOSED WATER CONTROL STRUCTURE REPAIRS, PLUG REPAIRS, AND PLUGS LOCATED SECTIONS, SEE PLAN VIEW T13S–R5E THROUGH T14S–R6E IBERIA PARISH, LOUISIANA

APPLICATION BY: MCILHENNY RESOURCES
DATE: NOVEMBER 6, 2008 REV. SEPTEMBER 25, 2009

SHEET: 13 OF 17



TYPICAL SECTION E–E
DREDGE AREA

SCALE: HORIZONTAL SCALE 1" = 10'
VERTICAL SCALE 1" = 10'

FINAL PLATS

P20 081541

ND 12/30/09

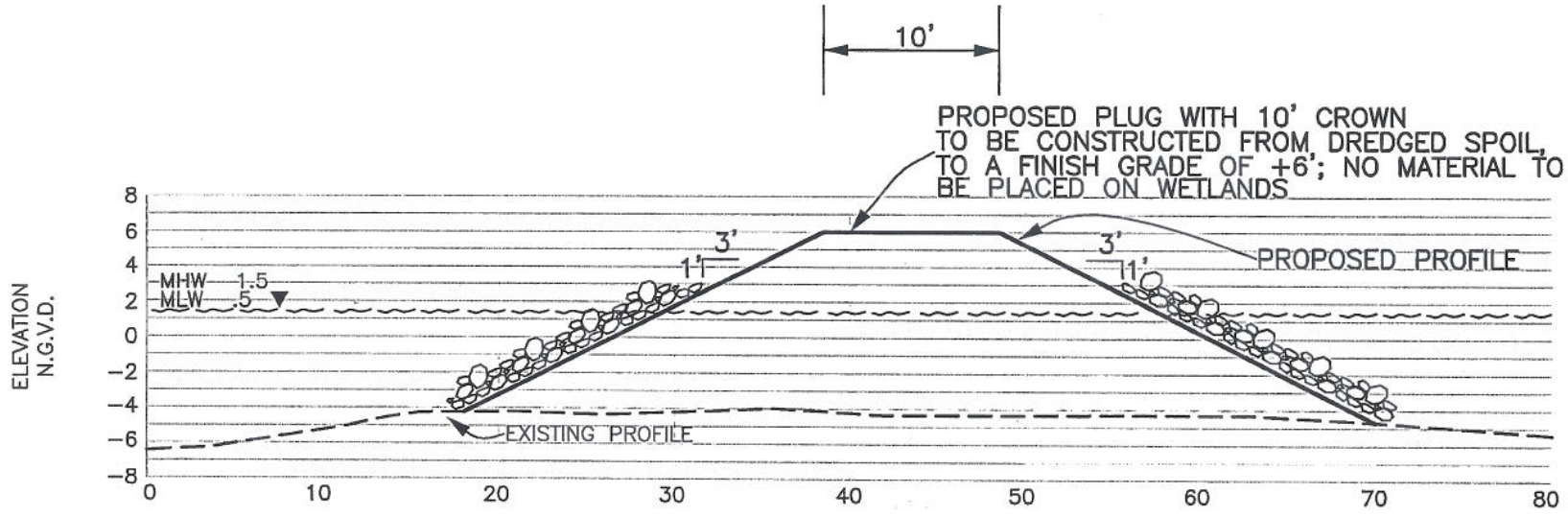
TYPICAL SECTION E–E

PURPOSE: ACCESS FOR PROPOSED MAINTENANCE OF EXISTING WIERS AND EARTHEN PLUGS FOR ONGOING MAINTENANCE AND MANAGEMENT OF PROPERTY

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 MAR DRIVE LOCKPORT, LA

PERMIT PLAT
PROPOSED WATER CONTROL STRUCTURE REPAIRS, PLUG REPAIRS, AND PLUGS LOCATED SECTIONS, SEE PLAN VIEW T13S–R5E THROUGH T14S–R6E
IBERIA PARISH, LOUISIANA

APPLICATION BY: MCILHENNY RESOURCES
DATE: NOVEMBER 6, 2008 REV. OCTOBER 18, 2009



TYPICAL SECTION F–F

PROPOSED PLUG

SCALE: HORIZONTAL SCALE 1" = 10'
VERTICAL SCALE 1" = 10'

TYPICAL SECTION F–F

PURPOSE: ACCESS FOR PROPOSED MAINTENANCE OF EXISTING WIERS AND EARTHEN PLUGS FOR ONGOING MAINTENANCE AND MANAGEMENT OF PROPERTY

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 MAR DRIVE LOCKPORT, LA

FINAL PLATS
P20 081541
12/30/09 JJQ

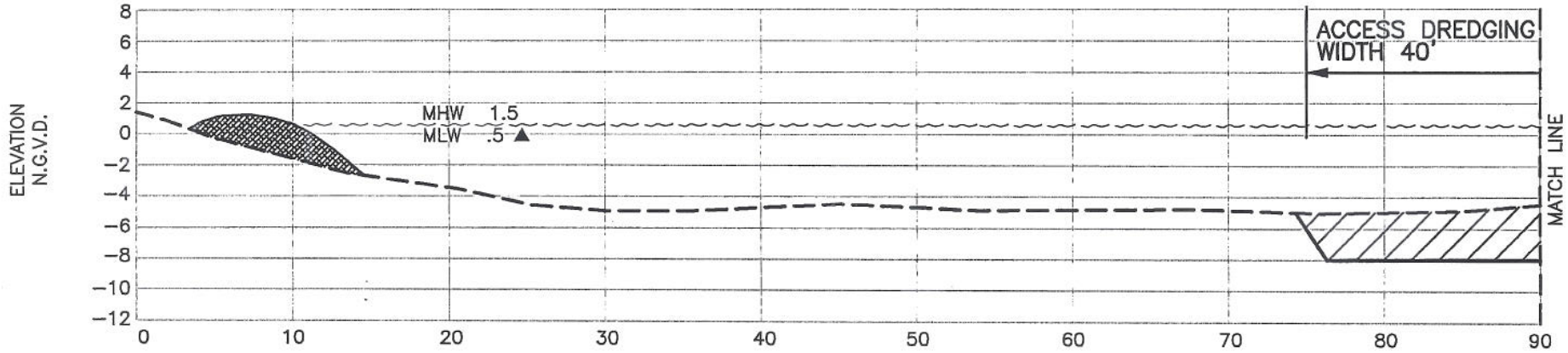
PERMIT PLAT
PROPOSED WATER CONTROL STRUCTURE REPAIRS, PLUG REPAIRS, AND PLUGS LOCATED SECTIONS, SEE PLAN VIEW T13S–R5E THROUGH T14S–R6E IBERIA PARISH, LOUISIANA

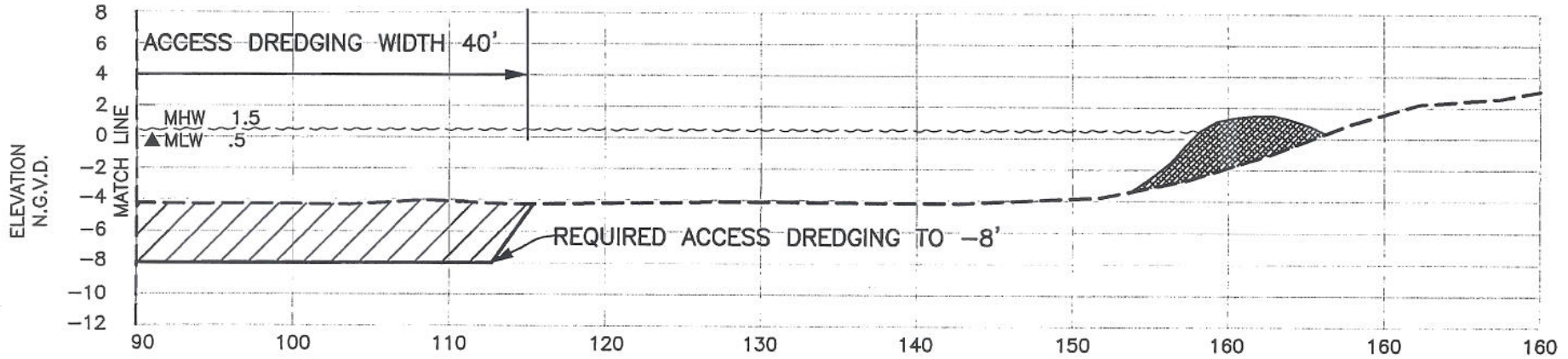
APPLICATION BY: MCILHENNY RESOURCES
DATE: NOVEMBER 6, 2008 REV. SEPTEMBER 25, 2009

SHEET: 15 OF 17

LEGEND:

DREDGED SPOIL PLACEMENT





TYPICAL SECTION G–G
WASHOUT REPAIR

SCALE: HORIZONTAL SCALE 1" = 10'
VERTICAL SCALE 1" = 10'

TYPICAL SECTION G–G

PURPOSE: ACCESS FOR PROPOSED MAINTENANCE OF EXISTING WIERS AND EARTHEN PLUGS FOR ONGOING MAINTENANCE AND MANAGEMENT OF PROPERTY

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 MAR DRIVE LOCKPORT, LA

FINAL PLATS

P20 081541

WD 12/30/09

PERMIT PLAT

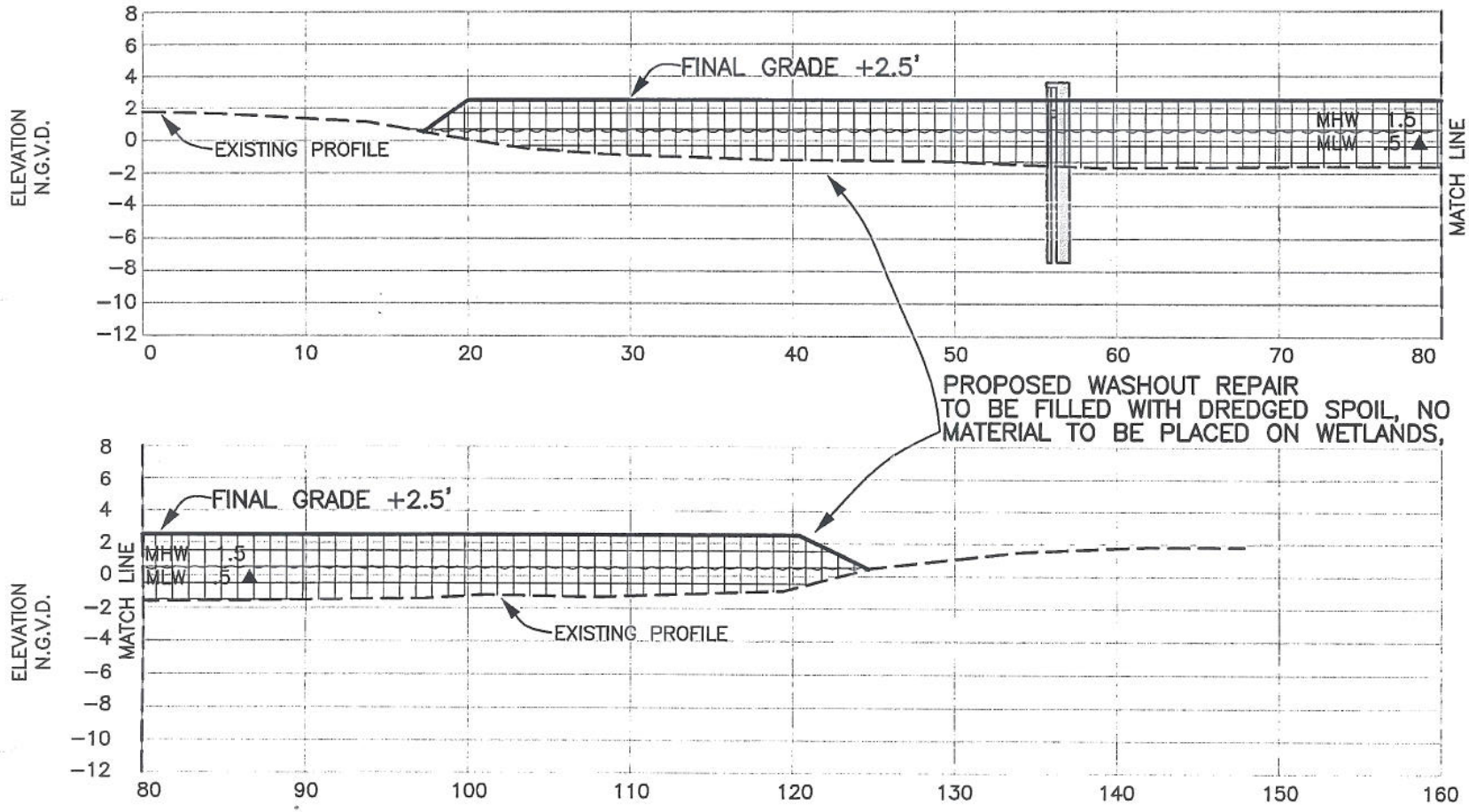
PROPOSED WATER CONTROL STRUCTURE REPAIRS, PLUG REPAIRS, AND PLUGS LOCATED SECTIONS, SEE PLAN VIEW T13S–R5E THROUGH T14S–R6E IBERIA PARISH, LOUISIANA

APPLICATION BY: MCILHENNY RESOURCES
DATE: NOVEMBER 6, 2008 REV. SEPTEMBER 25, 2009

SHEET: 16 OF 17

LEGEND:

PROPOSED WASHOUT REPAIR



TYPICAL SECTION H–H
WASHOUT REPAIR

SCALE: HORIZONTAL SCALE 1" = 10'
VERTICAL SCALE 1" = 10'

TYPICAL SECTION H–H

PURPOSE: ACCESS FOR PROPOSED MAINTENANCE OF EXISTING WIERS AND EARTHEN PLUGS FOR ONGOING MAINTENANCE AND MANAGEMENT OF PROPERTY

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 MAR DRIVE LOCKPORT, LA

FINAL PLATS

P20 081541
12/30/09

PERMIT PLAT
PROPOSED WATER CONTROL STRUCTURE REPAIRS, PLUG REPAIRS, AND PLUGS LOCATED SECTIONS, SEE PLAN VIEW
T13S–R5E THROUGH T14S–R6E
IBERIA PARISH, LOUISIANA

APPLICATION BY: MCILHENNY RESOURCES
DATE: NOVEMBER 6, 2008 REV. SEPTEMBER 25, 2009

MCILHENNY RESOURCES
PERMIT APPLICATION CUP # P20081541
2/3/09

THE WATER CONTROL STRUCTURES DEPICTED IN THE MCILHENNY RESOURCES PERMIT APPLICATION COASTAL USE PERMIT (CUP) P20081541, WILL BE OPERATED IN ACCORDANCE WITH THE FOLLOWING OPERATIONAL PLAN:

1. DRAWDOWN YEAR – NO GREATER THAN ONCE EVERY THREE (3) YEARS

FEB. 1 – MAY 31 ALL FLAPGATES OPERATING AND ALL STOPLOGS REMOVED.
JUNE 1 – OCT 31 ALL FLAPGATES LOCKED OPEN AND ALL STOPLOGS REMOVED.
NOV. 1 – NOV. 15 ALL FLAPGATES LOCKED OPEN AND STOPLOG WEIR HEIGHT OF +1.0' NGVD.
NOV. 16 – JAN. 31 FLAPGATES OPERATING AND STOPLOG WEIR HEIGHT OF +1.5' NGVD (–6 INCHES BELOW MARSH LEVEL [BML]).

DRAWDOWN PERIODS ARE DESIGNED TO CONSOLIDATE THE WATER BOTTOM SUBSTRATE AND ENCOURAGE THE GROWTH OF EMERGENT AND SUBMERGED AQUATIC VEGETATION.

2. NON–DRAWDOWN YEAR

FEB. 1 – OCT. 31 ALL FLAPGATES LOCKED OPEN AND ALL STOPLOGS REMOVED.
NOV. 1 – NOV. 15 ALL FLAPGATES LOCKED OPEN AND STOPLOG WEIR HEIGHT OF +1.0' NGVD.
NOV. 16 – JAN. 31 FLAPGATES OPERATING AND STOPLOG WEIR HEIGHT OF +1.5' NGVD.

THE PURPOSE FOR RAISING THE WEIR HEIGHT FROM NOV. 1 – NOV. 15 IS TO BEGIN THE PROCESS OF HOLDING WATER LEVELS IN THE INTERIOR MARSH AT CONDITIONS SUITABLE FOR WATERFOWL AND FISHERIES PRIOR TO WINTER LOW TIDAL CONDITIONS. FROM NOV. 16 – JAN. 31 THE WEIR HEIGHT WILL BE RAISED TO A +1.5 NGVD IN ORDER TO MAINTAIN WATERFOWL RESTING AND FEEDING HABITAT AND FISHERIES HABITAT. ANY EXCESS RAIN WATER DURING THE WINTER MONTHS WILL BE EVACUATED FROM THE AREA OVER THE WEIRS AND OUT OF THE SYSTEM. FROM FEBRUARY 1 – OCTOBER 31, THE FLAPGATE(S) WILL BE OPEN AND THE STOPLOGS REMOVED TO ALLOW FOR INGRESS AND EGRESS OF FISHERIES.

NOTES:
A. AVERAGE MARSH LEVEL = +2.0 NGVD
B. THE HEIGHT OF THE EXISTING WEIR IS +1.5 NGVD.
C. THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES HAS GIVEN REGULATORY AUTHORIZATION TO OPERATE AND MAINTAIN SIMILAR STRUCTURES FOR SIMILAR REASONS AT CHENIER AU TIGRE (CUP #P20020507), VERMILION PARISH, LA.

3. SAFETY PROVISIONS

A. WHEN WATER SALINITY INSIDE A STRUCTURE REACHES OR EXCEEDS 6 PARTS PER THOUSAND (PPT), THE FLAPGATES MAY BE CLOSED AND STOPLOGS SET AT –6 INCHES BML. NORMAL STRUCTURE OPERATION MUST RESUME ONCE THE OUTSIDE SALINITY DECREASES BELOW 6 PPT.
B. IF A STRUCTURE IS OBSERVED TO BE IN EMINENT DANGER OF COLLAPSING, THE STOPLOGS MAY BE SET NO HIGHER THAN 12 INCHES BML (+1.0 NGVD).
C. SHOULD MANAGEMENT WATER LEVELS EXCEED +4 INCHES ABOVE AVERAGE MARSH LEVEL FOR 14 CONSECUTIVE DAYS, THE STRUCTURES SHOULD BE OPERATED TO MAXIMIZE WATER DISCHARGE. NORMAL STRUCTURE OPERATION SHOULD RESUME ONCE WATER LEVELS IN THE MANAGEMENT AREAS ARE LESS THAN +4 INCHES ABOVE AVERAGE MARSH LEVEL.
D. PRIOR TO THE APPROACH OF A TROPICAL STORM OR HURRICANE, THE FLAPGATES MAY BE RAISED AND ALL STOPLOGS REMOVED.

OPERATIONAL PLAN

PURPOSE: ACCESS FOR PROPOSED MAINTENANCE OF EXISTING WIERS AND EARTHEN PLUGS FOR ONGOING MAINTENANCE AND MANAGEMENT OF PROPERTY

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 MAR DRIVE LOCKPORT, LA

FINAL PLATS
P20 081541
12/30/09

PERMIT PLAT
PROPOSED WATER CONTROL STRUCTURE REPAIRS, PLUG REPAIRS, AND PLUGS LOCATED SECTIONS, SEE PLAN VIEW T13S–R5E THROUGH T14S–R6E IBERIA PARISH, LOUISIANA

APPLICATION BY: MCILHENNY RESOURCES
DATE: NOVEMBER 6, 2008 REV. SEPTEMBER 25, 2009

DEPARTMENT OF NATURAL RESOURCES
COASTAL MANAGEMENT DIVISION
P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

Coastal Use Permit **P20020507 (Amended)**

C. O. E. No **WI-19-990-2710-01**

NAME OF APPLICANT: **E. A. McIlhenny Enterprises**, P. O. Box 126, Avery Island, LA 70513, Attn: Harold G. Osborn..

LOCATION: **Vermilion Parish, LA:** Project is centered around Lat. 29° 33' 16", Long. 92° 16', 43", T17S-R2E, Avery Island, approx. 12 miles southeasterly from Pecan Island, LA.

PROJECT DESCRIPTION: **See Page 2**

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out or perform the use in accordance with the plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter, or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Coastal Management Division of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Coastal Management Division by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two years from the date of the signature of the Secretary or his designee. If the coastal use is not initiated within this two year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. This Coastal Use Permit authorizes periodic maintenance, but such maintenance activities must be conducted pursuant to the specifications and conditions of this permit.
12. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program.

C.U.P. No. P20020507 (Amended)

C. O. E. No. WI-19–990-2710-01

PROJECT DESCRIPTION:

Water Control Management Plan to maintain ±3,729.31 acres of brackish marsh through the control and stabilization of water levels and salinity. Proposed activities include: refurbishment of ±17,870' of existing levees/spoil banks and the installation of nine (9) 20' x 24" culvert extensions with weir boxes onto existing culverts in order to protect existing culverts, installation of three (3) new 80' x 24" culverts with weir boxes, dredging of ±39,800 cu. yds. of material from existing man-made canals adjacent to the levees/spoil banks refurbishment areas with spoil being placed on the existing levees/spoil banks, and placement of ±28 cu. yds. of rip-rap (±2 cu. yds. per site) to protect the culverts.

AMENDED PERMIT
(Supersedes Coastal Use Permit Issued May 12, 2003)

The amendment consists of a change in the number and size of the water control structures to (29), 24" x 60' culverts with 4' weir boxes. An increase in the amount of rip-rap to 58 cu. yds., and an increase in the amount of dredging/excavation to 40,280 cu. yds. There is also an administrative correction in the linear footage of levee to be refurbished to 13,400'. All other aspects of the project remain the same.

SPECIAL CONDITIONS:

a. All logs and stumps unearthed during dredging shall be buried beneath the bottom of the waterway or removed to a disposal site on land.

b. That the applicant shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary treatment (30 mg/l BOD_5; 30 mg/l TSS) with disinfection prior to discharge into any of the streams or adjacent waters of the area or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.

c. All structures built under the authorization and conditions of this permit shall be removed from the site upon abandonment of the facilities for the herein permitted use, or when these structures fall into a state of disrepair such that they can no longer function as intended. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for such removal activities.



d. As-built drawings shall be submitted within 30 days of completion of this project to the Louisiana Department of Natural Resources, Coastal Management Division, P.O. Box 44487, Baton Rouge, La. 70804-4487.

e. (i.) The expiration date of this Amended Coastal Use Permit is five (5) years from the date of the signature of the Secretary or his designee on the original permit which was May 12, 2003.

(ii.) If the applicant finishes construction of all project features and begins active management within five (5) years from the date of the signature of the Secretary or his designee on the original permit which was May 12, 2003, the Amended Coastal Use Permit will be valid for the life of the project for management and maintenance activities. A new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items.

f. The permittee shall allow representatives of the Coastal Management Division or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.

g. The permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.

h. Issuance of approval under the authorization of this Coastal Use Permit does not relieve the applicant from obtaining other lawfully required permits (local, state, and federal) before commencing the permitted work.

i. Work carried out under the authority of this Coastal Use Permit shall be performed in full compliance with the rules and regulations of the Department of Natural Resources which exist at the time of approval for that work.

j. The activities covered by this permit shall not adversely affect any threatened or endangered species. Adverse impacts on fish, wildlife and the environment shall be minimized.

k. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

l. All activities, involving any discharge of pollutants, must be consistent with applicable water quality standards and any necessary permits issued through the Department of Environmental Quality/Office of Water Resources must be obtained.



m. Applicant shall insure that the fill material is free of contaminants.

n. If archeological remains are encountered during activities authorized under this Coastal Use Permit, work shall cease and the applicant shall immediately notify the Division of Archaeology, Louisiana Department of Culture, Recreation, and Tourism (P. O. Box 44247, Baton Rouge, LA 70804) and Coastal Management Division (P. O. Box 44487, Baton Rouge, LA 70804-4487; (504-342-7591 or 1-800-267-4019). Work may not resume until written approval is obtained from Coastal Management Division.

o. The following is requested by the Chitimacha Tribe of Louisiana, and is hereby made a part of this permit.

The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, the applicant shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

p. Applicant shall submit written notification of the project commencement date, within (7) days of project commencement and applicant shall submit written notification of the project completion date, within (30) days of project completion to the Louisiana Department of Natural Resources, Coastal Management Division, P. O. Box 44487, Baton Rouge, LA 70804-4487.

q. All future modifications in the character of work or control structure operation shall be submitted to the Coastal Management Division for possible permit modification or revision.



r. OPERATIONAL PLAN:

i. Drawdown Year

Feb. 1 - May 31	Flapgates operating and all stoplogs removed.
June 1 - Aug. 31	All flapgates locked open and all stoplogs removed.
Sept. 1 - End of Teal Season	All flapgates locked open and stoplogs set no higher than -6 inches below marsh level (BML).
End of Teal Season - Oct. 15	All flapgates locked open and all stoplogs removed.
Oct. 16 - Nov. 8	All flapgates locked open and stoplogs set no higher than -6 inches below marsh level (BML.
Nov. 9 - Jan. 31	All but the two southernmost flapgates locked open and stoplogs set no higher than average marsh level (AML).

ii. Non-Drawdown Year*

Feb. 1 - Aug. 31	All flapgates locked open and all stoplogs removed.
Sept. 1 - End of Teal Season	All flapgates locked open and stoplogs set no higher than -6 inches below marsh level (BML).
End of Teal Season - Oct. 15	All flapgates locked open and all stoplogs removed.
Oct. 16 - Nov. 8	All flapgates locked open and stoplogs set no higher than -6 inches below marsh level (BML).
Nov. 9 - Jan. 31	All but the two southernmost flapgates locked open and stoplogs set no higher than average marsh level (AML).

The permittee may, at all times, maintain the flapgates of the southernmost two structures in the operating position and stoplogs at -6 inches below marsh level (BML). During drawdown periods, or periods of excessive water levels, stoplogs may be temporarily removed.

* If an annual drawdown is not attempted, structures shall be configured in accordance to that specified for a non-drawdown year.



iii. Safety Provisions

a. When water salinity inside a structure reaches or exceeds 6 parts per thousand (ppt), the flapgates may be closed and stoplogs set at -6 inches BML. Normal structure operation must resume once the outside salinity decreases below 6 ppt.

b. If a structure is observed to be in eminent danger of collapsing, the stoplogs may be set no higher than 12 inches below marsh level.

c. Should management water levels exceed +4 inches above average marsh level for 14 consecutive days, the structures should be operated to maximize water discharge. Normal structure operation should resume once water levels in the management areas are less than +4 inches above average marsh level.

d. Prior to the approach of a tropical storm or hurricane, the flapgates may be raised and all stoplogs removed.

s. Monitoring Plan

i. Salinity and Water level

a. Staff gauges shall be installed on the inside and outside of the managed area and calibrated to the intertidal marsh level (i.e., soil water interface) of the managed areas drained by each culvert.

b. The permittee or designee shall measure water level at these locations (inside and outside the managed area) and shall record salinity at the outside locations (outside the managed area) at a minimum frequency of once per month when the structures are completely open (i.e., flapgate locked open and stoplogs removed). When the structures are set in any closed configuration, the sampling frequency shall be increased to a minimum of twice per month at approximate two week intervals.

c. The permittee shall record the dates and settings of all changes in configuration of the structures and basis for such change.



t. Reporting Provisions

The permittee shall submit annual monitoring and progress reports to the Corps of Engineers, NOAA Fisheries, Coastal Management Division and any other interested natural resource or regulatory agency. Reports should identify work completed and work that remains to be complete under this permit. Water and salinity data collected, structure operation, and dates should be included in the report. Annual reports should be submitted by April 1 of each year until three years after all project features are implemented.

u. Other

Drawdowns may be conducted annually. However, should excessive oxidation of the marsh substrate be observed during drawdown, the drawdown shall be terminated and operation of the subject structures returned to the non-drawdown schedule.

The permittee, Corps of Engineers, NOAA Fisheries, Coastal Management Division or other interested regulatory or resource agencies may request an interagency meeting or field inspection based on the results of the monitoring to evaluate adaptive management measures.

I affix my signature and issue this permit this 29th day of July, 2003.

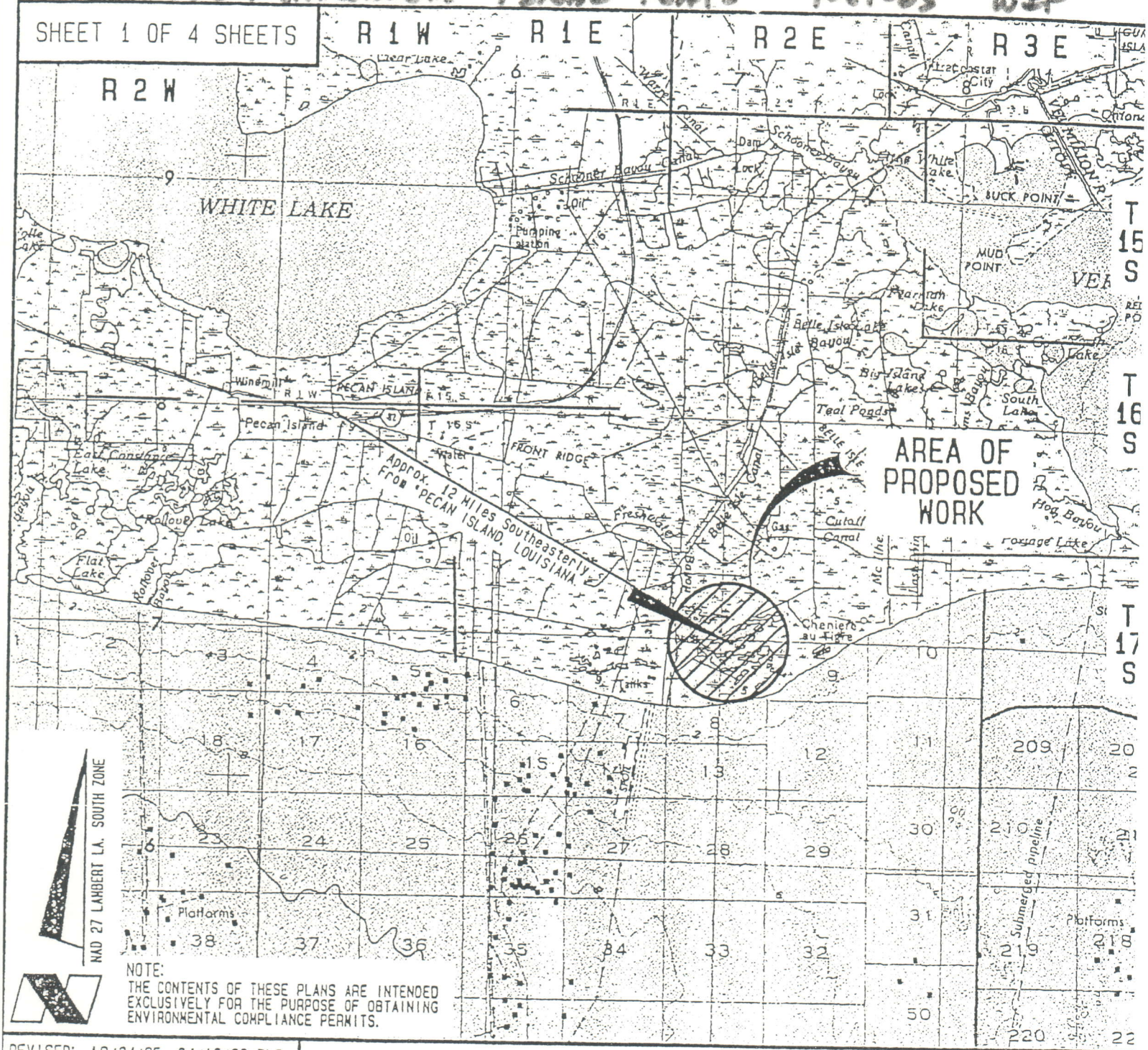
DEPARTMENT OF NATURAL RESOURCES

TERRY W. HOWEY, ADMINISTRATOR
Coastal Management Division

This agreement becomes binding when signed by the Administrator of the Coastal Management Division, Department of Natural Resources.

P20020507 (AMENDED) "FINAL PLATS" 7-21-03 WET

SHEET 1 OF 4 SHEETS



NOTE:
THE CONTENTS OF THESE PLANS ARE INTENDED EXCLUSIVELY FOR THE PURPOSE OF OBTAINING ENVIRONMENTAL COMPLIANCE PERMITS.

REVISED: 10/24/95, 04/16/99 DLC
04/28/99 RJG

Topography obtained from U.S. Geological Survey Map "PORT ARTHUR, TX; LA" 1956 Edition, Revised 1973.

VICINITY MAP

Scale: 1: 250,000

Drawn By: MDR
Proj. Mgr.: D

Application By:

E. A. McILHENNY ENTERPRISES

May 30, 1995

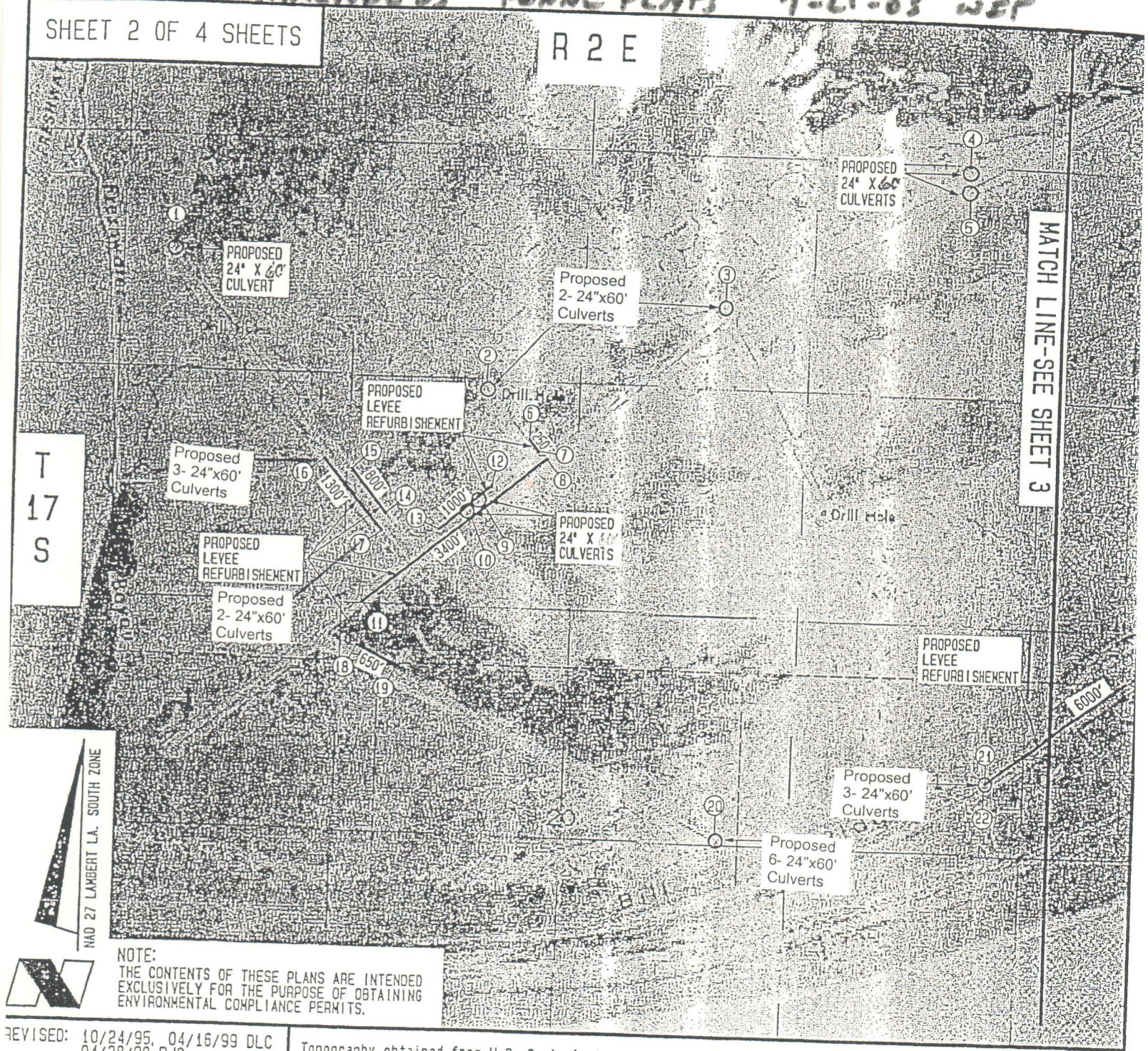
PROPOSED LEVEE REFURBISHMENT & CULVERT INSTALLATION

South Freshwater Bayou Area

T17S-R2E

P2002-0507 (AMENDED) MODIFIED 6/22/03 "FINAL PLANS" 7-21-03 WEF

SHEET 2 OF 4 SHEETS



NOTE:
THE CONTENTS OF THESE PLANS ARE INTENDED EXCLUSIVELY FOR THE PURPOSE OF OBTAINING ENVIRONMENTAL COMPLIANCE PERMITS.

REVISED: 10/24/95, 04/16/99 DLC
04/28/99 RJG

Topography obtained from U.S. Geological Survey Quadrangle "MULBERRY ISLAND EAST, LA." 1979 Edition.

VICINITY MAP
Scale: 1" = 2000'

Application By:

E. A. McILHENNY ENTERPRISES

May 30, 1995
MOD. 6/22/03

PROPOSED LEVEE REFURBISHMENT & CULVERT INSTALLATION

South Freshwater Bayou Area

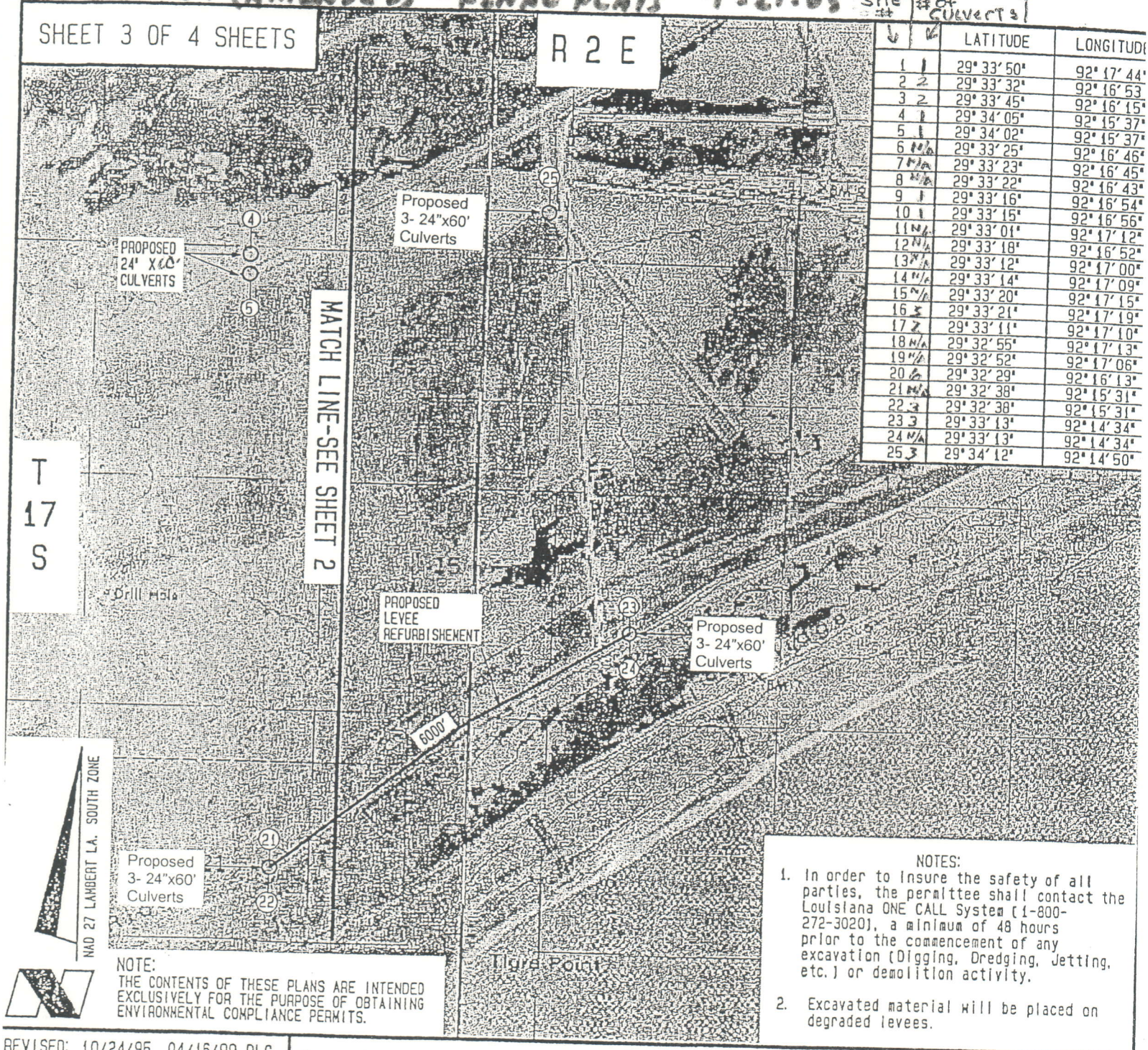
T17S-R2E

Vermilion Parish, Louisiana

Rec. 6-26-03

P20020507 (AMENDED) MODIFIED 6/22/03 "FINAL PLANS" 7-21-03

SHEET 3 OF 4 SHEETS



SITE #	# of CULVERTS	LATITUDE	LONGITUDE
1	1	29° 33' 50"	92° 17' 44"
2	2	29° 33' 32"	92° 16' 53"
3	2	29° 33' 45"	92° 16' 15"
4	1	29° 34' 05"	92° 15' 37"
5	1	29° 34' 02"	92° 15' 37"
6	N/A	29° 33' 25"	92° 16' 46"
7	N/A	29° 33' 23"	92° 16' 45"
8	N/A	29° 33' 22"	92° 16' 43"
9	1	29° 33' 16"	92° 16' 54"
10	1	29° 33' 15"	92° 16' 56"
11	N/A	29° 33' 01"	92° 17' 12"
12	N/A	29° 33' 18"	92° 16' 52"
13	N/A	29° 33' 12"	92° 17' 00"
14	N/A	29° 33' 14"	92° 17' 09"
15	N/A	29° 33' 20"	92° 17' 15"
16	3	29° 33' 21"	92° 17' 19"
17	2	29° 33' 11"	92° 17' 10"
18	N/A	29° 32' 55"	92° 17' 13"
19	N/A	29° 32' 52"	92° 17' 06"
20	6	29° 32' 29"	92° 16' 13"
21	N/A	29° 32' 38"	92° 15' 31"
22	3	29° 32' 38"	92° 15' 31"
23	3	29° 33' 13"	92° 14' 34"
24	N/A	29° 33' 13"	92° 14' 34"
25	3	29° 34' 12"	92° 14' 50"

NOTES:
1. In order to insure 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.
2. Excavated material will be placed on degraded levees.

NOTE:
THE CONTENTS OF THESE PLANS ARE INTENDED EXCLUSIVELY FOR THE PURPOSE OF OBTAINING ENVIRONMENTAL COMPLIANCE PERMITS.

REVISED: 10/24/95, 04/16/99 DLC
04/28/99 RJG

Topography obtained from U. S. Geological Survey Quadrangles "MULBERRY ISLAND EAST, LA." & "CHENIERE AU TIGRE, LA." 1979 Edition.

VICINITY MAP
Scale: 1" = 2000'

Application By:

E. A. McILHENNY ENTERPRISES

May 30, 1995
MOD. 6/22/03

PROPOSED LEVEE REFURBISHMENT & CULVERT INSTALLATION

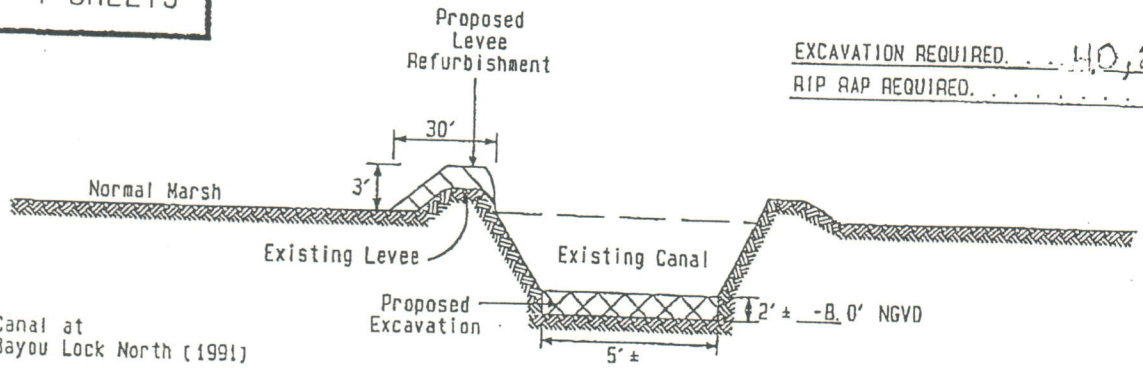
South Freshwater Bayou Area

T17S-R2E

Vermilion Parish, Louisiana

P2001-0507 (AMENDED) "FINAL PLATS" 7-21-03 WEF

SHEET 4 OF 4 SHEETS

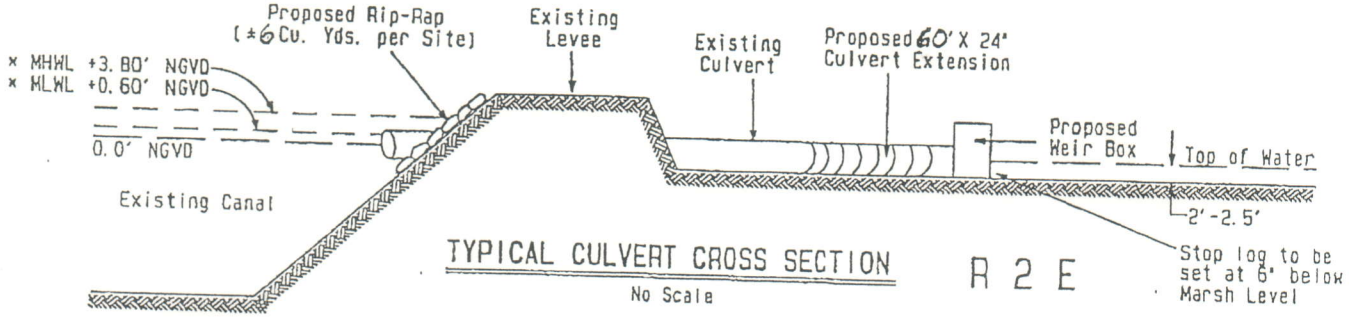


EXCAVATION REQUIRED. . . 40,280 CU. YDS.
RIP RAP REQUIRED. . . . . 58 CU. YDS.

× Freshwater Canal at Freshwater Bayou Lock North (1991)

TYPICAL LEVEE REFURBISHMENT

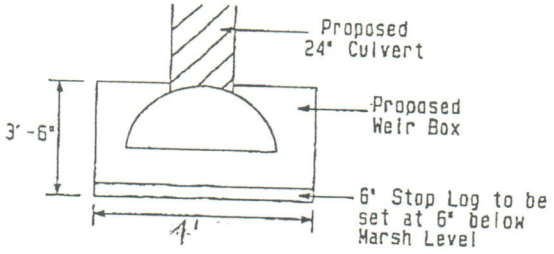
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TYPICAL CULVERT CROSS SECTION

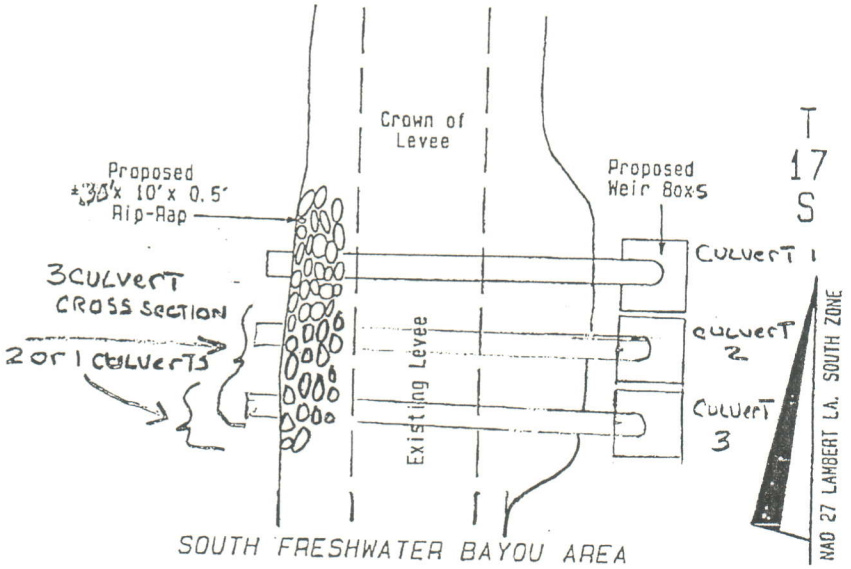
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R 2 E



TYPICAL WEIR BOX

No Scale



SOUTH FRESHWATER BAYOU AREA

PLAN VIEW

No Scale

REVISED: 10/24/95, 04/16/99 DLC
04/28/99 RJG

NOTE:
THE CONTENTS OF THESE PLANS ARE INTENDED EXCLUSIVELY FOR THE PURPOSE OF OBTAINING ENVIRONMENTAL COMPLIANCE PERMITS.

Application By:

E. A. McILHENNY ENTERPRISES

May 30, 1995

PROPOSED LEVEE REFURBISHMENT & CULVERT INSTALLATION

South Freshwater Bayou Area

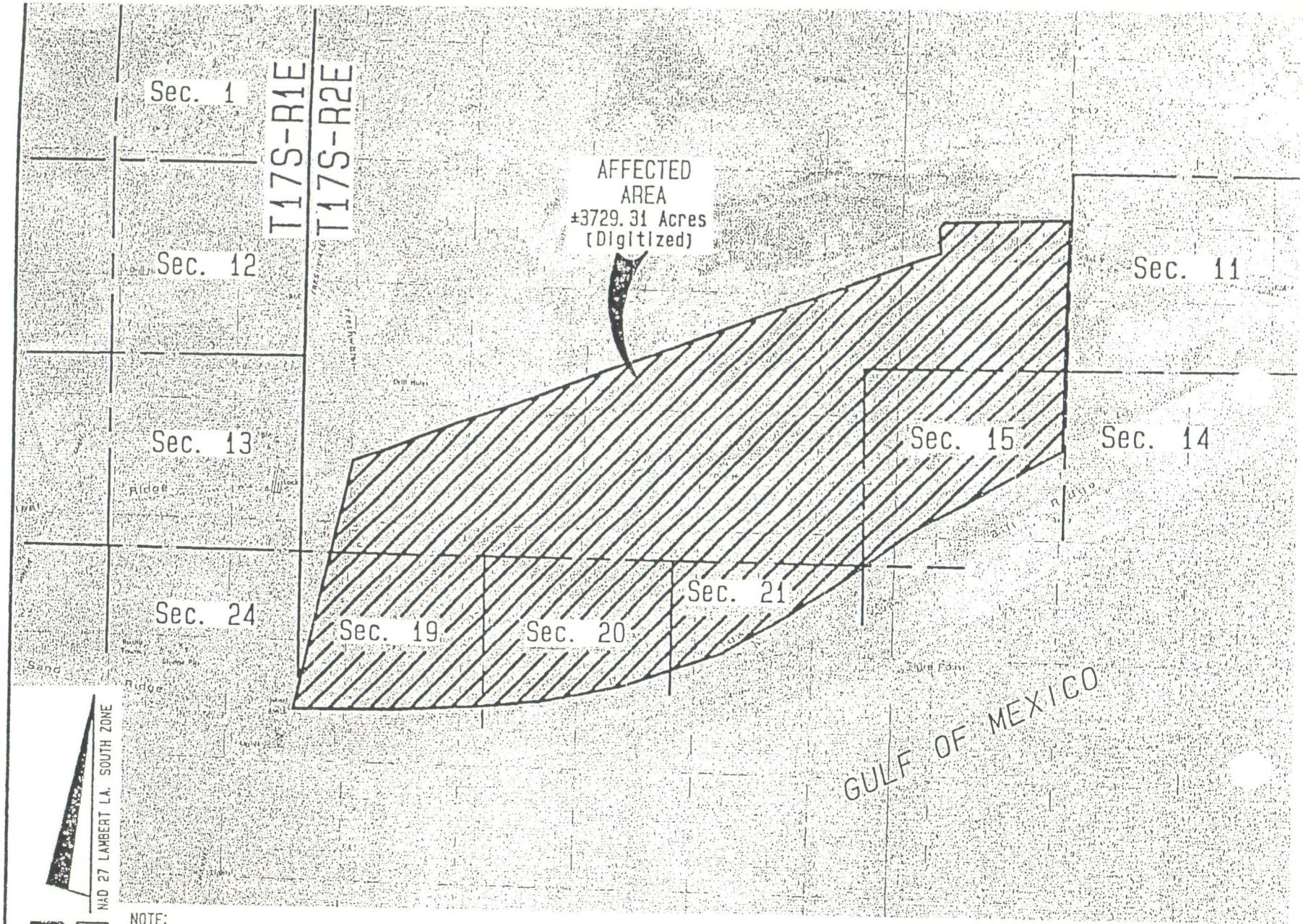
T17S-R2E

Vermilion Parish, Louisiana

Rec. 7-1-03

FILE: 994435 I:/infocad/rngeast/17S2E 35 PREPARED BY: C. H. Fenstermaker & Associates, Inc., Lafayette & New Orleans, Louisiana, & Houston, Texas

(AMENDED) PROPOSED "FINAL PLAT" 10-12-99 JBH



NOTE:
THE CONTENTS OF THESE PLANS ARE INTENDED EXCLUSIVELY FOR THE PURPOSE OF OBTAINING ENVIRONMENTAL COMPLIANCE PERMITS.

Topography obtained from U.S. Geological Survey Quadrangles "MULBERRY ISLAND EAST, LA." 1979 Edition & "CHENIERE AU TIGRE, LA." 1951 Edition.

VICINITY MAP
NO SCALE

APPLICATION BY:

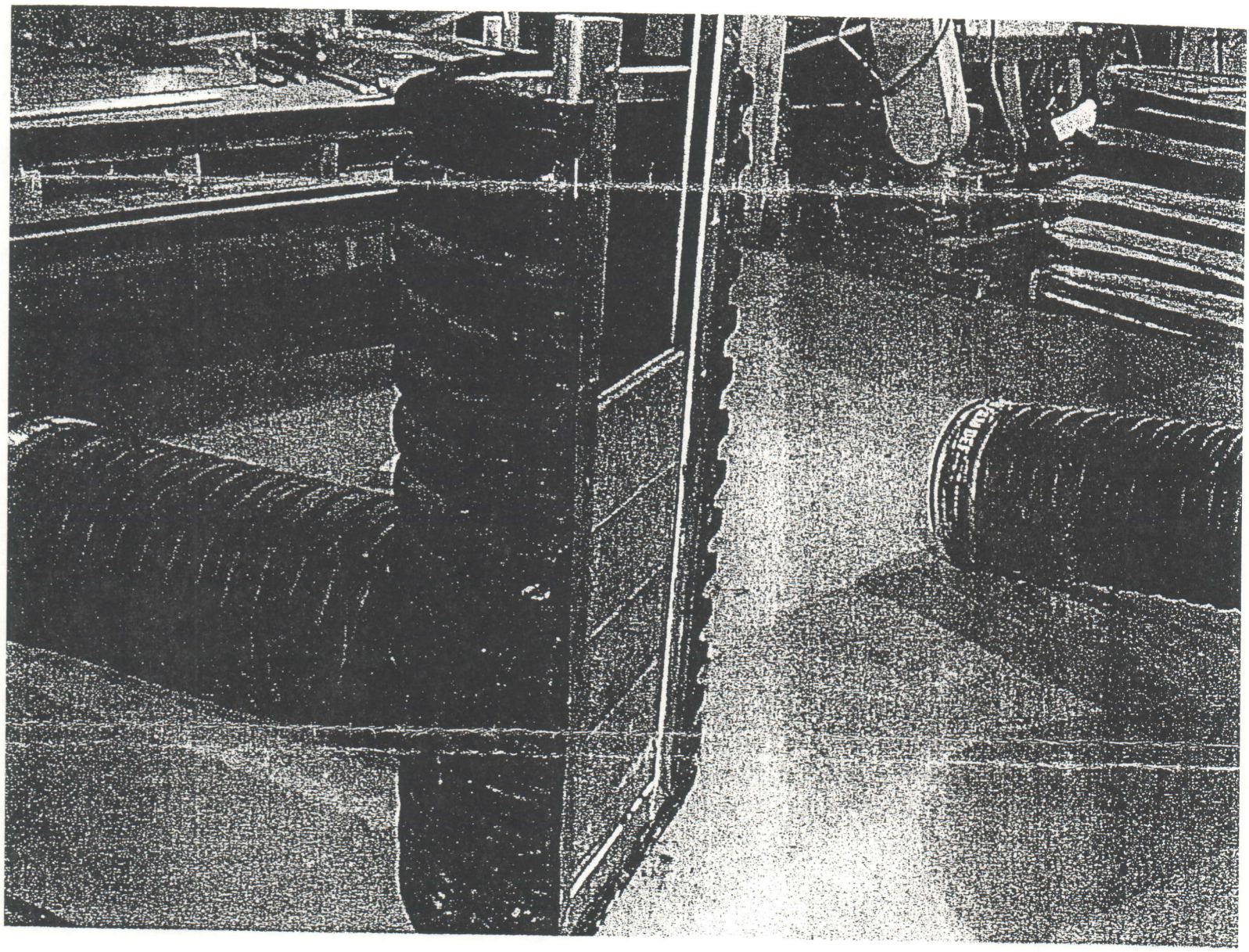
E. A. McILHENNY ENTERPRISES

PRODUCTION LEVEE REFURBISHMENT & CULVERT INSTALLATION

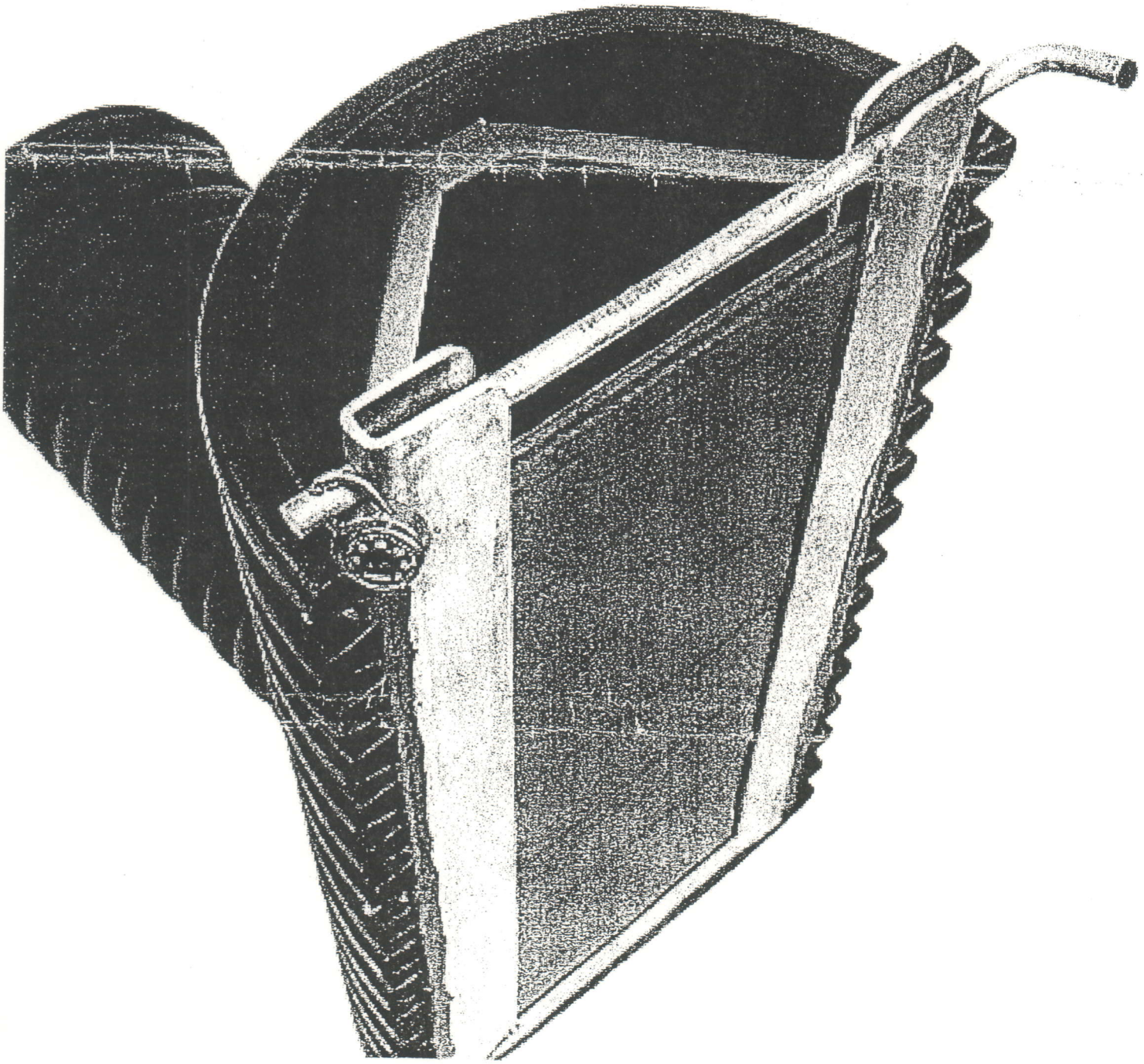
South Freshwater Bayou Area
T17S-R2E
Vermilion Parish, Louisiana

PREPARED BY: C. H. Fenstermaker & Associates, Inc., Lafayette & New Orleans, Louisiana & Houston, Texa

DRAWN BY: SEG PROJ. MGR.: BJC	CHECKED BY: TBD	DATE: April 23, 1999	REVISED:	994435 I:\Jobs\1999\994435\



P2001-0507 (AMENDED) "FINAL PLATS" 7-21-03 WEF



PL00L0507 (AMENDED) "FINAL PLATS" 7-21-03 WG

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT

P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: **P20120425**

C.O.E. No.: **MVN- 2012- 00968- WJJ**

NAME: **AVOCA INC.**
c/o RANDY MOERTLE & ASSOC., INC.
1008 MAR DR.
LOCKPORT, LA 70374
Attn: Randy Moertle

LOCATION: **Saint Mary Parish, LA**
POB: Lat. 29º 38' 27.50"N and Long. 91º 7' 12.29"W; POE: Lat. 29º 38' 3.82"N and Long. 91º 5' 15.23"W; Bayou Chene; Bayou Boeuf; GIWW; Section 35, T16S-R13E; Section 36, T16S-R13E; Amelia, LA.

DESCRIPTION: Proposal to place rip rap (12,000' total) adjacent to the bankline of Avoca Island along the Gulf Intracoastal Waterway. Riprap will be placed adjacent to existing rip rap for +/-2,500' and adjacent to the shoreline for +/-9,500'. The rip rap will be placed along the bankline in open water with a barge mounted excavator. Approximately 8,910 cubic yards of rip rap will be required. No dredging required for access.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, and/or operate the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Office of Coastal Management of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Office of Coastal Management by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two years from the date of the signature of the Secretary or his designee. If the coastal use is not initiated within this two year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for the purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith, and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

a. Permittee shall, prior to commencement of the herein permitted activities, contact Atchafalaya Basin Levee District, Attn: Ms. Tiffany Weber Address: P.O. Box 170, Port Allen, LA 70767-0170; abldoff@aol.com to determine if a construction permit will be required from the local levee district.

b. The water bottom shall not be disturbed during access to the proposed work location, other than that authorized and shown on the attached project plats, whether it be by dredging, wheel washing, propwashing, jetting, mucking, plowing, bull dozing or any other means of moving bottom material. Powered vessels shall be operated so as not to

disturb the water bottom by propeller or jet action.

c. That permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary treatment (30 mg/l BOD5) with disinfection prior to discharge into any of the streams or adjacent waters of the area or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.

d. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

e. That should changes in the location or the section of the existing waterways, or in the generally prevailing conditions in the vicinity be required in the future, in the public interest, Permittee shall make such changes in the project concerned or in the arrangement thereof as may be necessary to satisfactorily meet the situation and shall bear the cost thereof. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for project modifications.

f. Applicant shall avoid all cypress trees when placing riprap for erosion control.

g. All existing tidal connections between the Intracoastal Waterway and Avoca Island in the vicinity of this project shall remain open.

h. Rip Rap must be marked in accordance with U. S. Coast Guard regulations.

i. Applicant shall contact the St. Mary Levee District (500 Main Street, 5th Floor Courthouse, Franklin, LA 70538, Attn: William Hidalgo; 337-828-4100) to see if a permit is needed.

j. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

k. All fill material shall be clean and free of contaminants and shall not contain hazardous materials such as asbestos or asbestos residue, shingles, tires, oil/grease residue, exposed rebar, protruding objects, etc.)

l. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.

m. Permittee shall allow representatives of the Office of Coastal Management or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.

n. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.

o. This permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D.). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

The expiration date of this permit is five (5) years from the date of the signature of the Secretary or his designee.

Upon expiration of this permit, a new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

********** End of Conditions **********

By accepting this permit the applicant agrees to its terms and conditions.

I affix my signature and issue this permit this 14th day of June, 2012.

THE DEPARTMENT OF NATURAL RESOURCES

Karl L. Morgan, Administrator
Office of Coastal Management

This agreement becomes binding when signed by Administrator of
the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

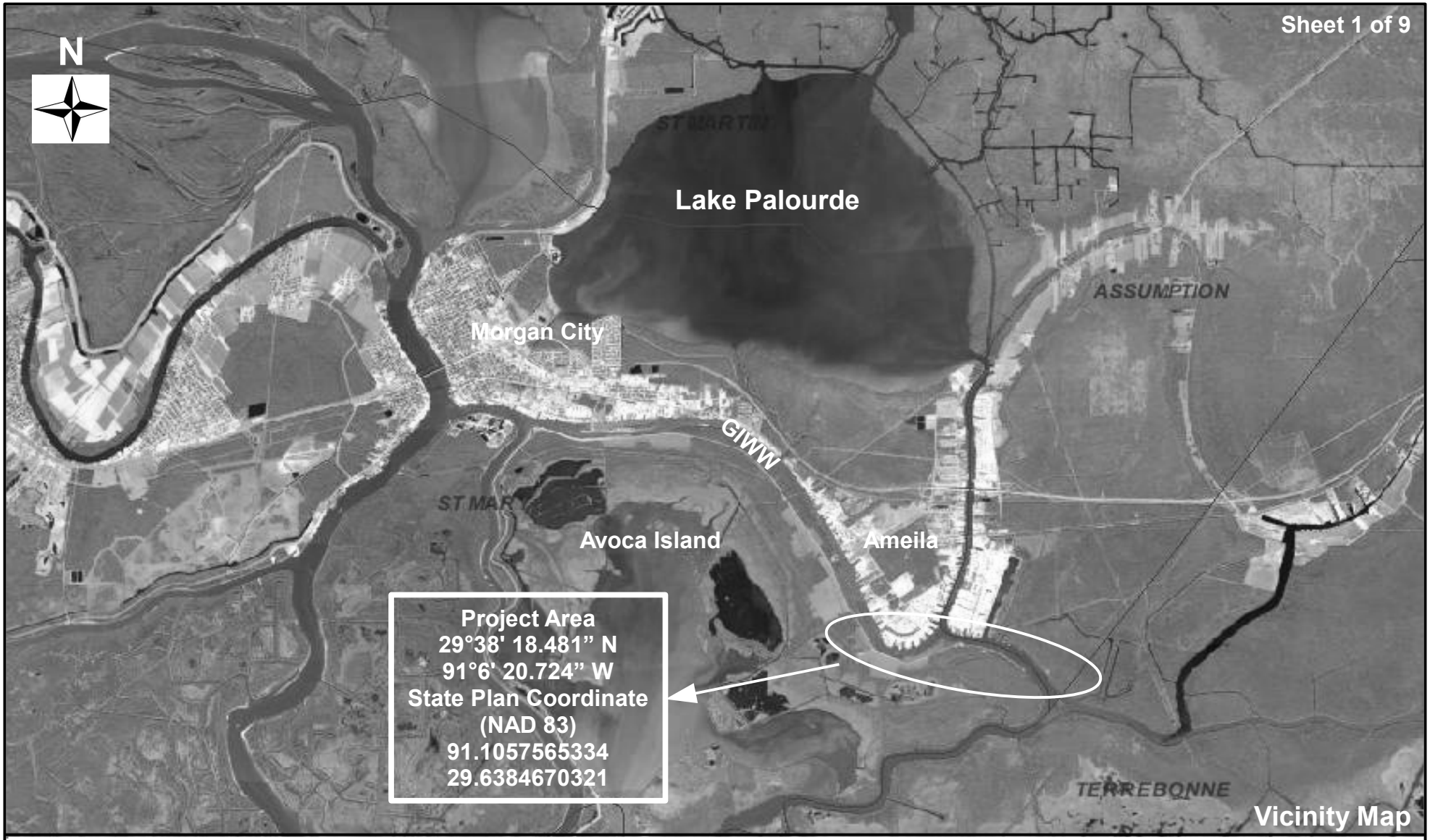
Attachments

Final Plats:

1) P20120425 Final Plats 05/03/2012

cc: Pete Serio, COE w/attachments
Dave Butler, LDWF w/attachments
Atchafalaya Basin Levee District, LD w/attachments
St. Mary Levee District, LD w/attachments
Jessica Diez, OCM w/attachments
Charlie Mestayer, OCM/FI w/attachments

AVOCA INC. w/attachments



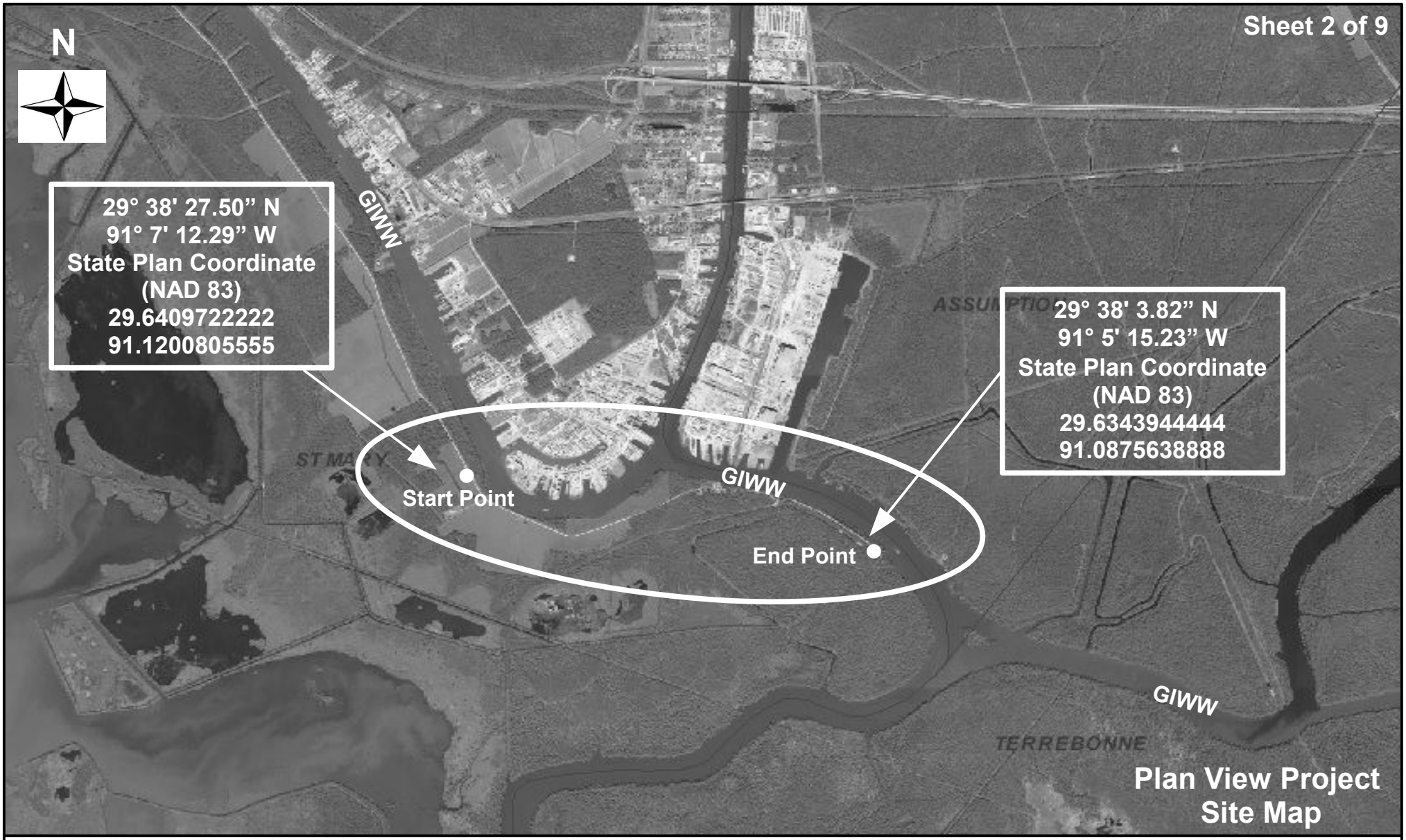
Project Title: Avoca Island GIWW Bank Protection
Purpose: Avoca Island proposed rip rap for bank line protection & stabilization along Gulf Intracoastal Waterway.
Location: Amelia, Louisiana
Saint Mary Parish, Louisiana
Date: 3/27/12

0 8,000 16,000 ft.

Source: LDNR 2008
Location: T16S-R13E, Sec. 35, 36, & 47

Application by: Avoca Inc.

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 Mar Drive Lockport, La 70374



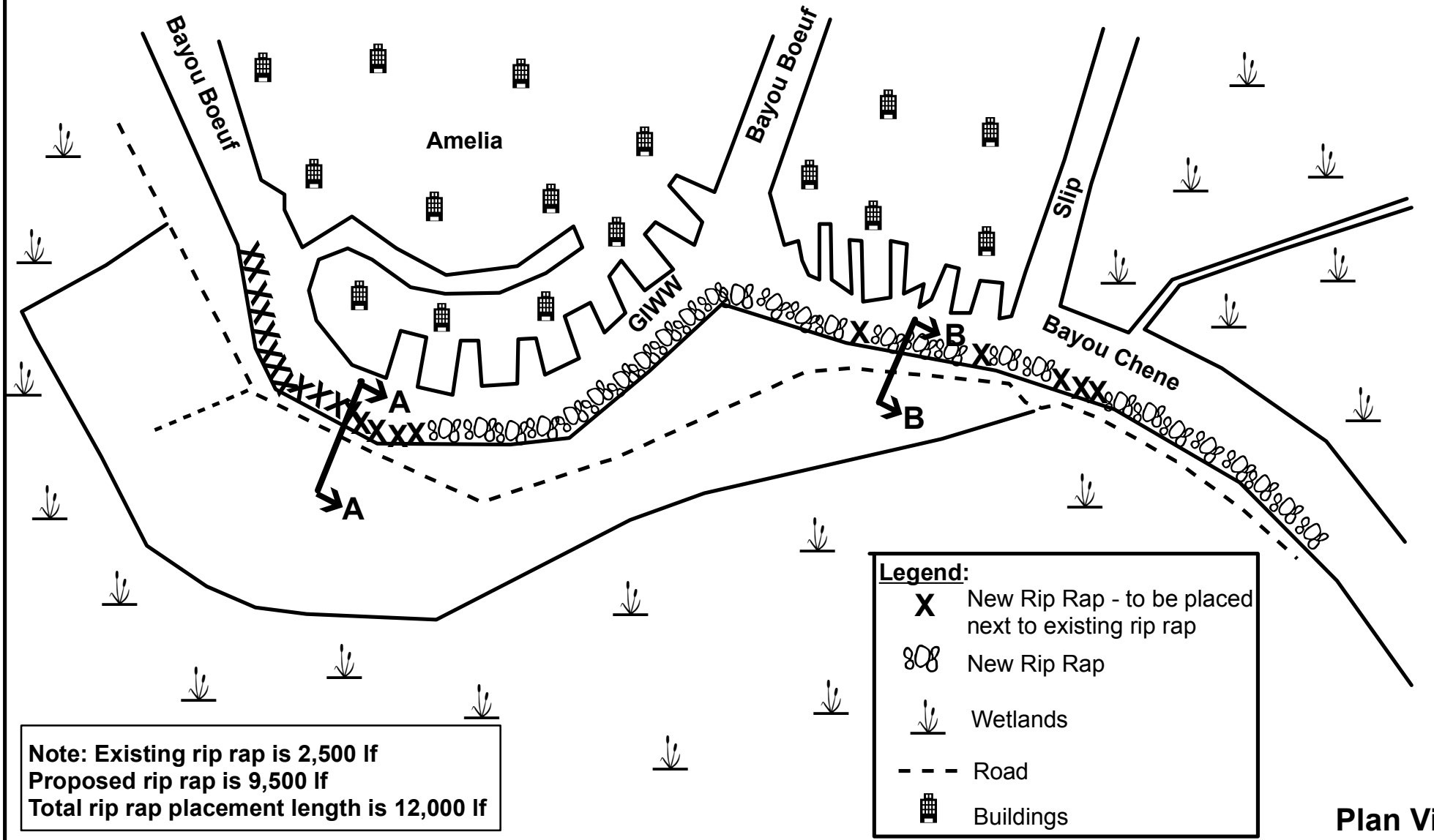
Project Title: Avoca Island GIWW Bank Protection
Purpose: Avoca Island proposed rip rap for bank line protection & stabilization along Gulf Intracoastal Waterway.
Location: Amelia, Louisiana
Saint Mary Parish, Louisiana
Date: 3/27/12 **Revised:** 4/12/12

0 3,000 6,000 ft

Source: LDNR 2008
Location: T16S-R13E, Sec. 35, 36, & 47

Application by: Avoca Inc.

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 Mar Drive Lockport, La 70374



Note: Existing rip rap is 2,500 lf
Proposed rip rap is 9,500 lf
Total rip rap placement length is 12,000 lf

Plan View

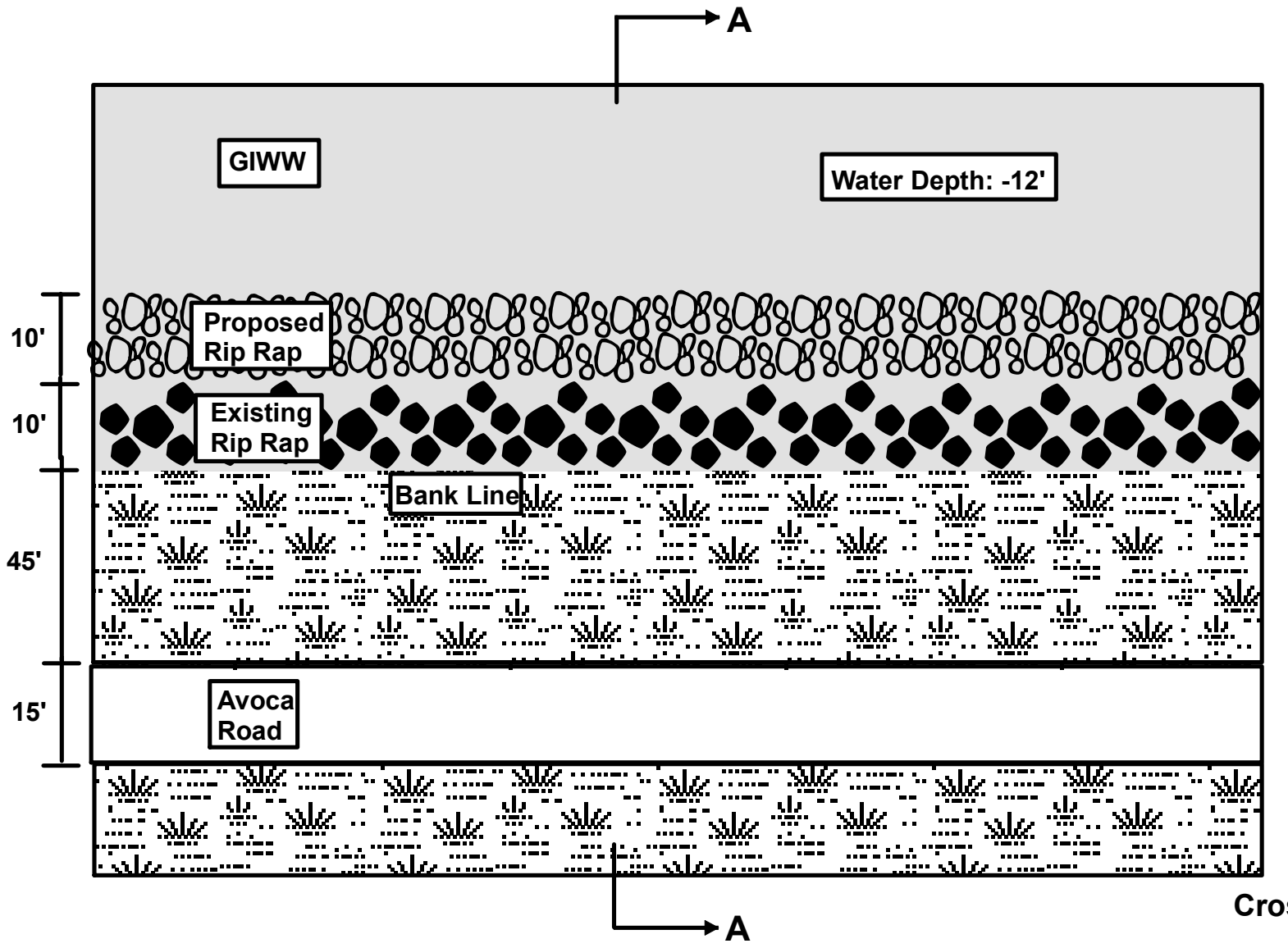
Project Title: Avoca Island GIWW Bank Protection
Purpose: Avoca Island proposed rip rap for bank line protection & stabilization along Gulf Intracoastal Waterway.
Location: Amelia, Louisiana
Saint Mary Parish, Louisiana
Date: 3/27/12 **Revised:** 5/2/12

Location: T16S-R13E, Sec. 35, 36, & 47

0 750 1,500 ft.

Application by: Avoca Inc.

Randy Moertle and Associate, Inc.
Environmental and Landowner Services
1008 Mar Drive Lockport, La 70374



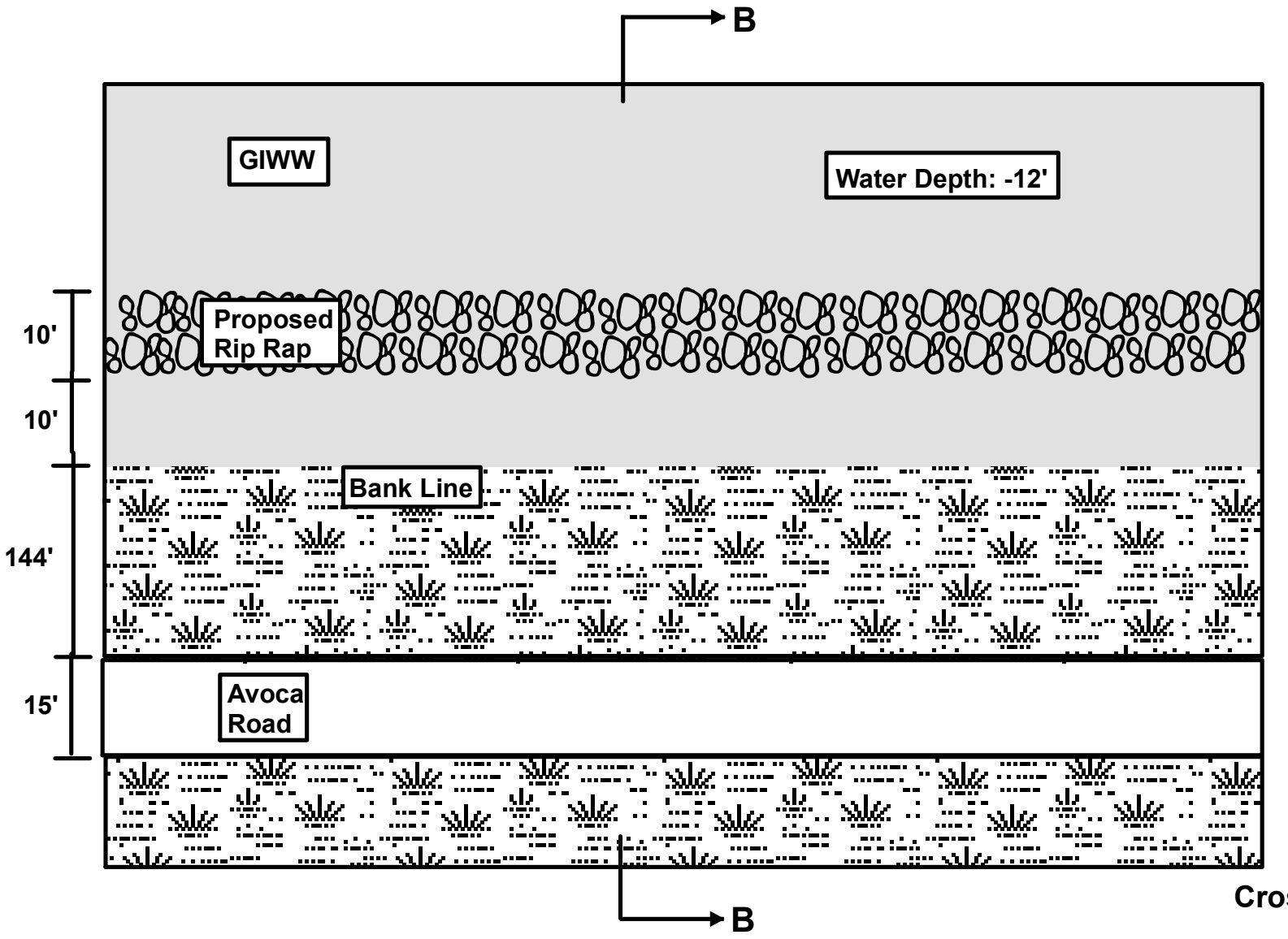
Plan View
Cross Section A-A
(not to scale)

Project Title: Avoca Island GIWW Bank Protection
Purpose: Avoca Island proposed rip rap for bank line protection & stabilization along Gulf Intracoastal Waterway.
Location: Amelia, Louisiana
Saint Mary Parish, Louisiana
Date: 3/27/12 **Revised:** 5/2/12

Location: T16S-R13E, Sec. 35, 36, & 47

Application by: Avoca Inc.

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 Mar Drive Lockport, La 70374



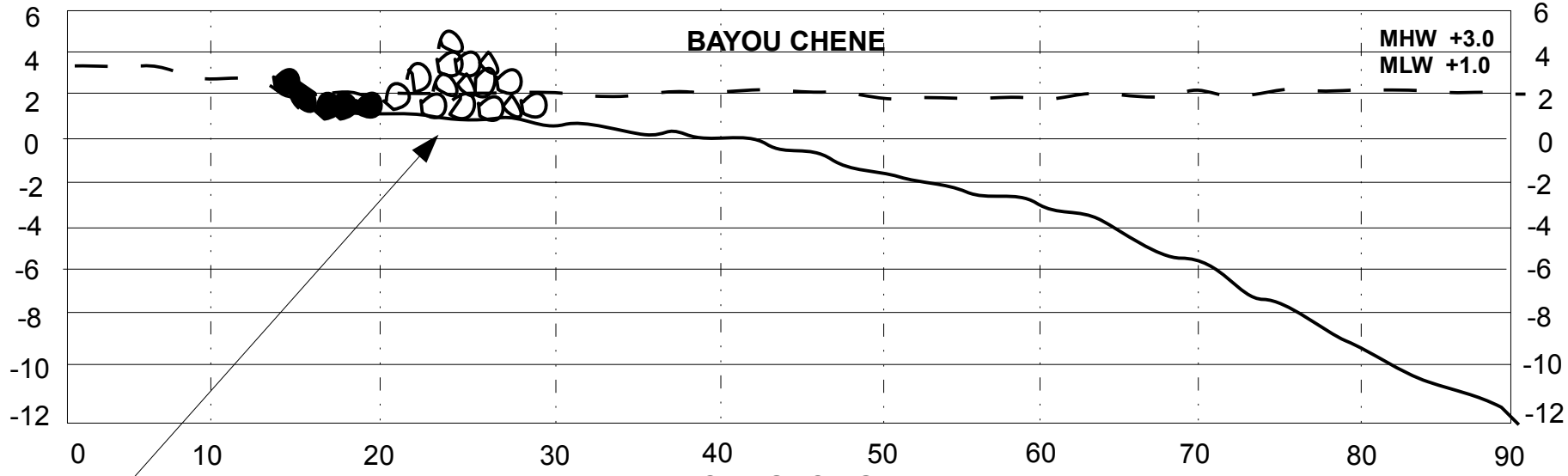
Plan View
Cross Section B-B
(not to scale)

Project Title: Avoca Island GIWW Bank Protection
Purpose: Avoca Island proposed rip rap for bank line protection & stabilization along Gulf Intracoastal Waterway.
Location: Amelia, Louisiana
Saint Mary Parish, Louisiana
Date: 3/27/12 **Revised:** 5/2/12

Location: T16S-R13E, Sec. 35, 36, & 47

Application by: Avoca Inc.

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 Mar Drive Lockport, La 70374



TYPICAL SECTION A-A

RIP RAP PLACEMENT ALONG BANK LINE NEXT TO EXISTING RIP RAP

PROPOSED RIP RAP; TO BE PLACED ALONG BANK LINE AS SHOWN, IS 8,910 CUBIC YARDS.

LEGEND:

PROPOSED RIP RAP

EXISTING RIP RAP

NOTE: PROPOSED RIP RAP TO BE PLACED ADJACENT TO EXISTING RIP RAP IN OPEN WATER. NO EMERGENT VEGETATION WILL BE COVERED WITH RIP RAP.

Cross Section A-A

Project Title: Avoca Island GIWW Bank Protection
Purpose: Avoca Island proposed rip rap for bank line protection & stabilization along Gulf Intracoastal Waterway.
Location: Amelia, Louisiana
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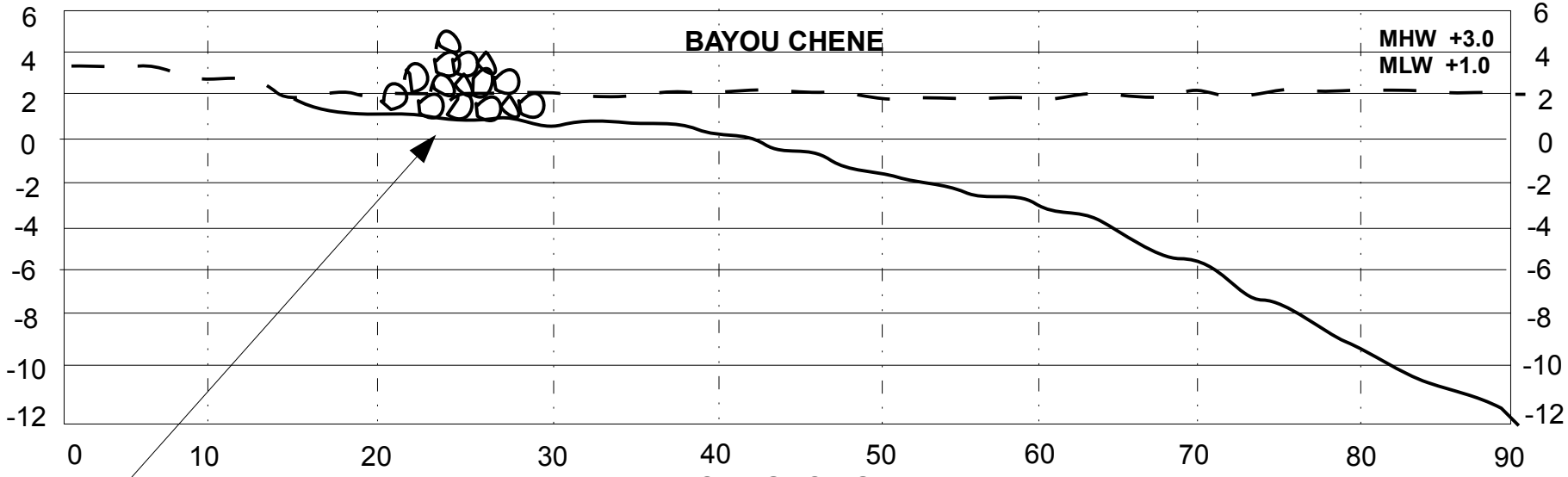
Location: T16S-R13E, Sec. 35, 36, & 47

Application by: Avoca Inc.

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 Mar Drive Lockport, La 70374

LEGEND:

PROPOSED RIP RAP



TYPICAL SECTION B-B

RIP RAP PLACEMENT ALONG BANK LINE

PROPOSED RIP RAP; TO BE PLACED ALONG BANK LINE AS SHOWN, IS 8,910 CUBIC YARDS.

NOTE: PROPOSED RIP RAP TO BE PLACED IN OPEN WATER ALONG BANK LINE. NO EMERGENT VEGETATION WILL BE COVERED WITH RIP RAP.

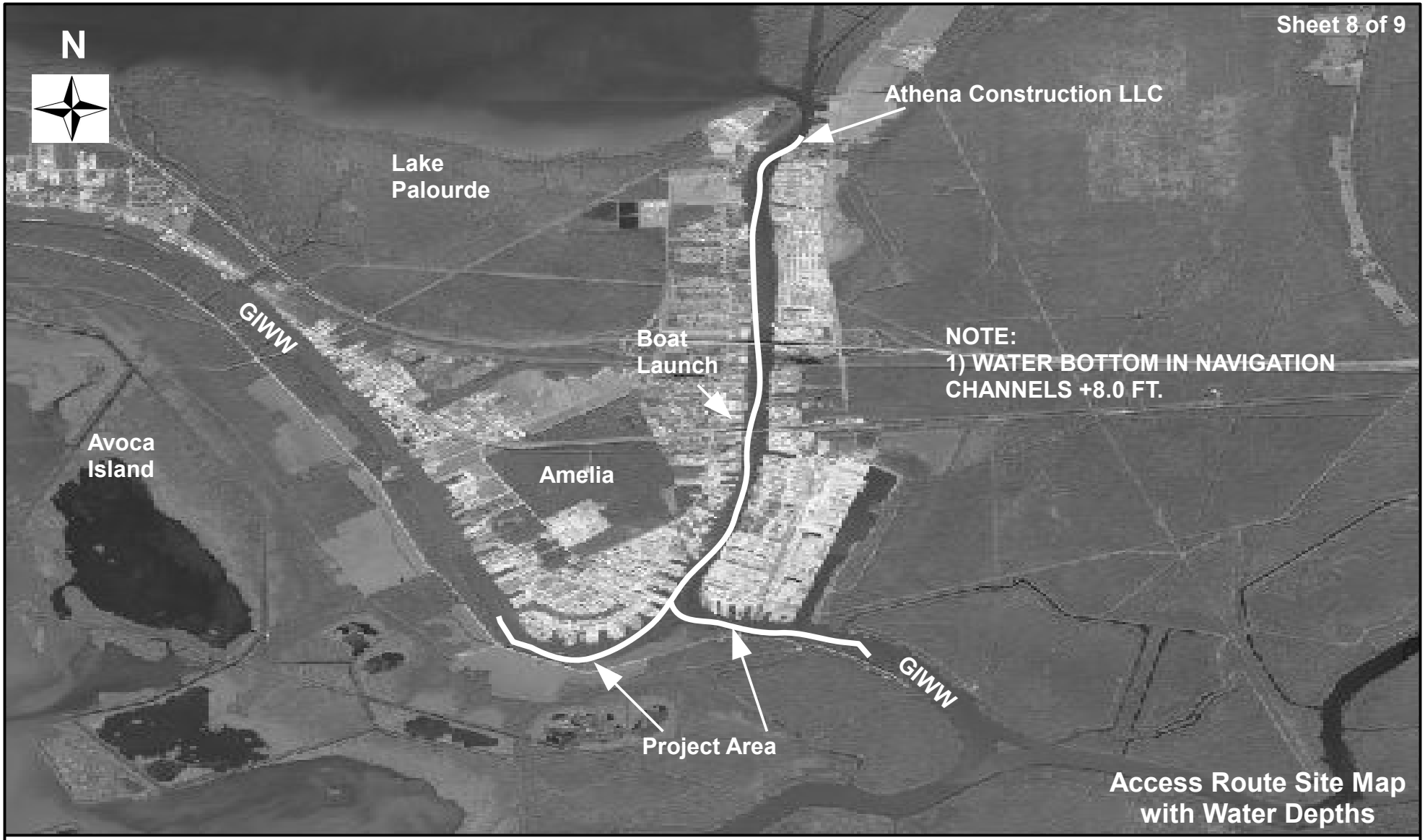
Cross Section B-B

Project Title: Avoca Island GIWW Bank Protection
Purpose: Avoca Island proposed rip rap for bank line protection & stabilization along Gulf Intracoastal Waterway.
Location: Amelia, Louisiana
Saint Mary Parish, Louisiana
Date: 3/27/12

Location: T16S-R13E, Sec. 35, 36, & 47

Application by: Avoca Inc.

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 Mar Drive Lockport, La 70374



Project Title: Avoca Island GIWW Bank Protection
Purpose: Avoca Island proposed rip rap for bank line protection along Gulf Intracoastal Waterway.
Location: Amelia, Louisiana
Saint Mary Parish, Louisiana
Date: 3/27/12

0 4,000 8,000 ft

Source: LDNR 2008
Location: T16S-R13E, Sec. 35, 36, & 47

Application by: Avoca Inc.

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 Mar Drive Lockport, La 70374

GENERAL NOTES

1. RIP RAP WILL BE BARGED TO PROJECT SITE AND INSTALLED WITH A BARGE MOUNTED EXCAVATOR.

2. BARGE WILL REMAIN IN NAVIGATION CHANNEL AS SHOWN ON SHEET 6 OF 7.

3. WATER BOTTOM IN CHANNELS ARE +8.0 FT.

4. THERE WILL BE NO ACCESS DREDGING.

5. TOTAL RIP RAP LENGTH 12,000 LF.

6. TOTAL 8,910 CUBIC YARDS.

7. RIP RAP WILL BE FREE OF CONTAMINANTS.

8. RIP RAP WILL BE PLACED ON THE OUTSIDE (GIWW SIDE) OF ANY CYPRESS TREES GROWING IN OPEN WATER OFF THE BANK LINE OF THE PROJECT AREA.

Project Title: Avoca Island GIWW Bank Protection
Purpose: Avoca Island proposed rip rap for bank line protection & stabilization along Gulf Intracoastal Waterway.
Location: Amelia, Louisiana
Saint Mary Parish, Louisiana
Date: 3/27/12 **Revised:** 5/2/12

Source: LDNR 2008
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Application by: Avoca Inc.

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DEPARTMENT OF NATURAL RESOURCES
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1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: **P20100240**

C.O.E. No.: **MVN- 2010- 00547- WOO**

NAME: **VERMILION PARISH POLICE JURY**
c/o OFFICE OF COASTAL PROTECTION AND RESTORATION
P.O. BOX 44027
BATON ROUGE, LA 70804
Attn: Kristi Cantu

LOCATION: **Vermilion Parish, LA**
The North project site is approx. 12 mile easterly of White Lake, and the South project site is approx. 10 miles southeasterly of White Lake. The North site baseline reference begins at Lat 29º 45' 20.5"N, Long 92º 12' 08.8"W, and ends at Lat 29º 46' 17.1"N, Long 92º 10' 35.7"W. The dredging of the canal in the South site begins at Lat 29º 33' 16.3"N, Long 92º 18' 16.3"W, and ends at Lat 29º 37' 05.8"N, Long 92º 16' 35.5"W; the marsh creation site is centered at Lat 29º 35' 06"N, Long 92º 18' 08"W.

DESCRIPTION: CIAP Freshwater Bayou Bank Stabilization (TV-11b)(EB) and Surplus Marsh Creation Near Freshwater Bayou (ME-25SF). Proposed construction of a foreshore rock dikes to stabilize the banklines along two areas of Freshwater Bayou Canal. This project has two areas: a North project site and a South project site. The North project site consists of 16,265 linear feet of rock dike construction, and the dredging of an optional flotation channel to accommodate the rip rap barge. The South project site consists of 19,645 linear feet of rock dike construction, the parallel and adjacent dredging of approx. 25,372 linear feet of Freshwater Bayou Canal to place material in a marsh creation site (approx. 115 acres), and the dredging of an optional flotation channel to accommodate the rip rap barge. Approx. 1,394,200 cubic yards of material will be excavated by dredging operations and the marsh creation containment dike. Approx. 203,670 cubic yards of rip rap will be used to construct the rock dike for bankline stabilization.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, and/or operate the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Office of Coastal Management of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Office of Coastal Management by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee on the original permit which was November 28, 2010. If the coastal use is not initiated within this two (2) year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for the purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith, and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

a. The requirement for compensatory mitigation for impacts to marsh habitat resulting from the referenced project will be determined after one full growing season (March 1 to November 1) following the completion of the permitted activities. This assessment shall include both primary impacts and secondary impacts which may result from the permitted activities.

   If OCM determines that compensatory mitigation is required, permittee shall submit a compensatory mitigation plan for approval within 30 days of notification of the compensatory mitigation requirements by OCM. All necessary approvals shall be obtained for the compensatory mitigation plan and the plan shall be implemented as directed by OCM. Permittee should be aware that compensatory mitigation projects may be required to be maintained for as many as 20 years for marsh mitigation projects and 50 years for forested wetland mitigation projects. A processing fee will be assessed for the determination of compensatory mitigation requirements and evaluation of the proposed compensatory mitigation plan in accordance with LAC Title 43, Part I, Chapter 7, §724.D. This fee shall apply regardless of which compensatory mitigation option is selected and does not include the cost incurred to implement the required compensatory mitigation.

b. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

c. All logs, stumps and other debris unearthed during dredging shall be removed to an approved disposal site on land.

d. No wheeled or tracked vehicles are to be used in any phase across vegetated wetland areas.

e. The use of airboats shall be limited to one pass ingress and one pass egress.

f. Structures must be marked/lighted in accordance with U. S. Coast Guard regulations.

g. That permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary treatment (30 mg/l BOD5) with disinfection prior to discharge into any of the streams or adjacent waters of the area or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.

h. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

i. As-built drawings shall be submitted within 30 days of completion of this project to the Louisiana Department of Natural Resources, Office of Coastal Management, PO Box 44487, Baton Rouge, LA 70804-4487.

j. All structures built under the authorization and conditions of this permit shall be removed from the site within 120 days

of abandonment of the facilities for the herein permitted use, or when these structures fall into a state of disrepair such that they can no longer function as intended. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for such removal activities.

k. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.

l. Permittee shall allow representatives of the Office of Coastal Management or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.

m. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.

n. This permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee on the original permit which was November 28, 2010. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D.). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

The expiration date of this permit is five (5) years from the date of the signature of the Secretary or his designee on the original permit which was November 28, 2010.

Upon expiration of this permit, a new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

********** End of Conditions **********

By accepting this permit the applicant agrees to its terms and conditions.

I affix my signature and issue this permit this 28th day of November, 2010.

THE DEPARTMENT OF NATURAL RESOURCES

Karl L Morgan

Karl L. Morgan, Acting Administrator
Office of Coastal Management

This agreement becomes binding when signed by Administrator of
the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

Attachments

Final Plats:

1) P20100240 Final Plats 11/17/2010

cc: Pete Serio, COE w/attachments
Dave Butler, LDWF w/attachments
Stephen Broussard, LED w/attachments
Peggy Rooney, OCM w/attachments
Charlie Mestayer, OCM/FI w/attachments

VERMILION PARISH POLICE JURY w/attachments

STATE OF LOUISIANA
OFFICE OF COASTAL PROTECTION AND RESTORATION
ENGINEERING AND OPERATIONS BRANCH

CIAP FRESHWATER BAYOU BANK STABILIZATION & SURPLUS MARSH CREATION NEAR FRESHWATER BAYOU

STATE PROJECT NO. TV-11b(EB) & ME-25SF
VERMILION PARISH

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3	PLAN LAYOUT - SOUTH AREA
4	PLAN LAYOUT - NORTH AREA
5	PLAN LAYOUT - MARSH CREATION AREA
6 - 7	TYPICAL SECTIONS
8	TYPICAL DETAILS



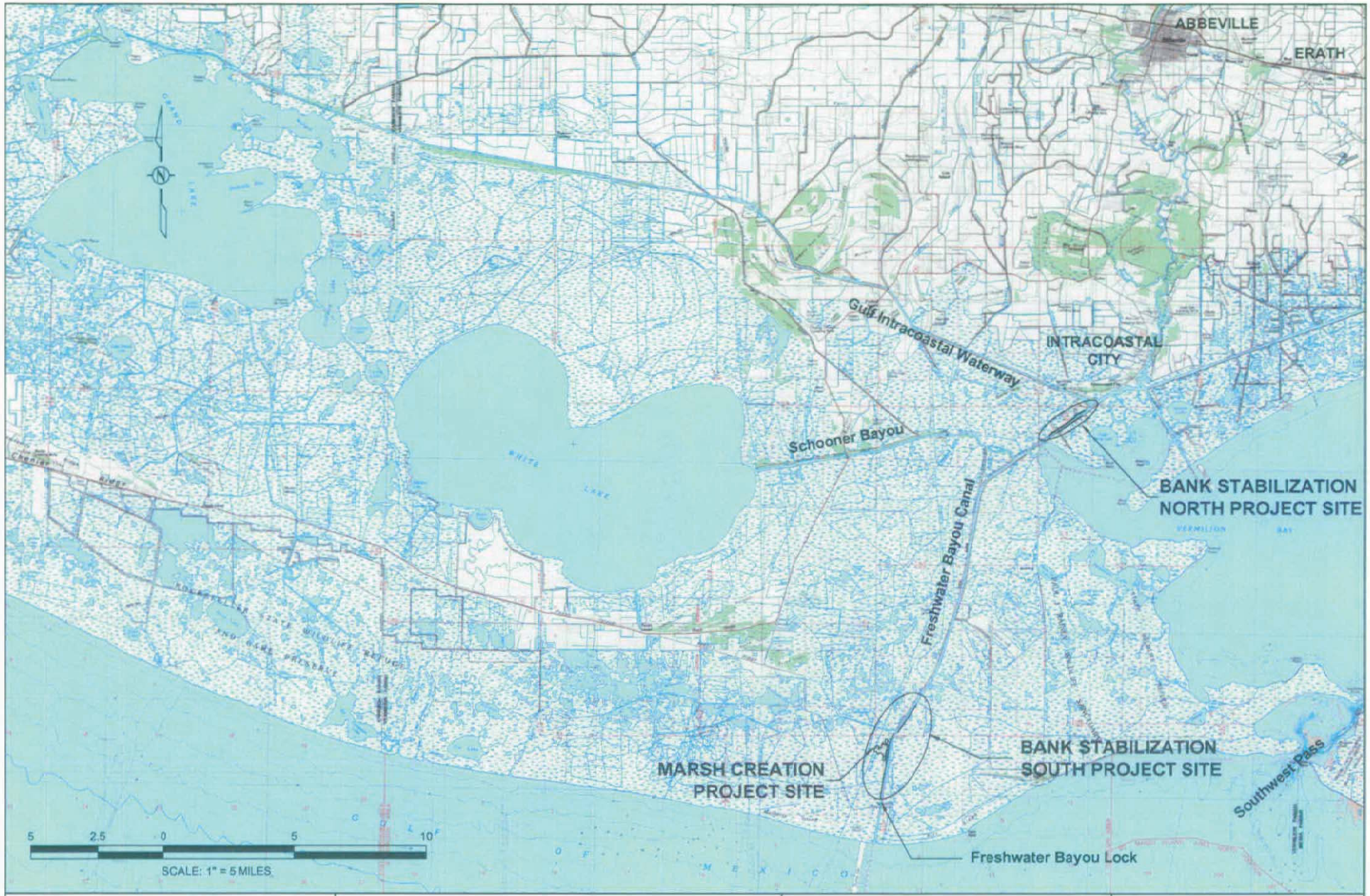


8 4 0 8 16

SCALE: 1" = 8 MILES

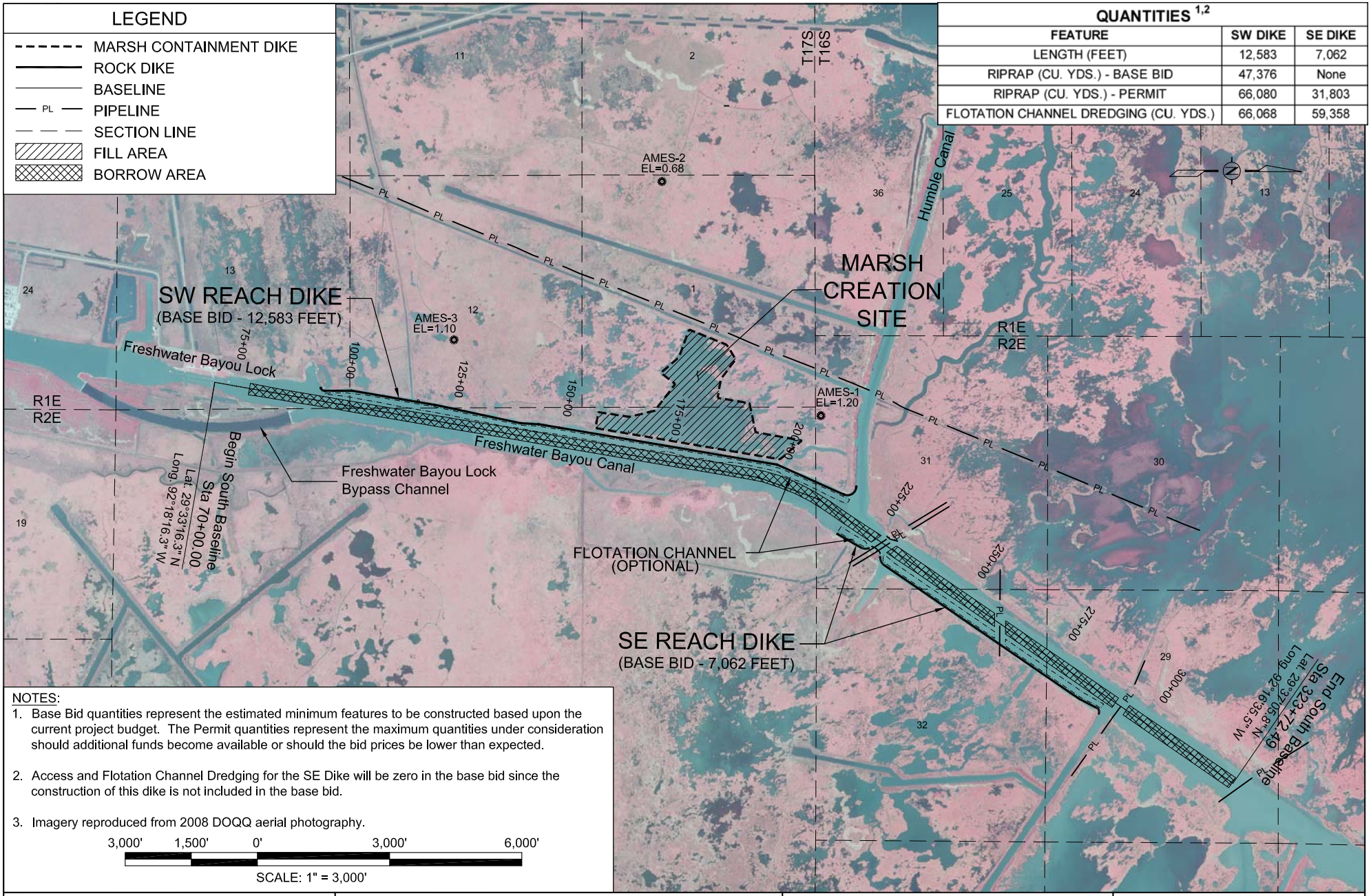
APPLICATION BY: VERMILION PARISH POLICE JURY 100 N. STATE STREET, SUITE 200 ABBEVILLE, LA 70510	STATE OF LOUISIANA OFFICE OF COASTAL PROTECTION AND RESTORATION ENGINEERING AND OPERATIONS BRANCH 450 LAUREL STREET, SUITE 1501 BATON ROUGE, LOUISIANA 70801		CIAP FRESHWATER BAYOU BANK STABILIZATION & SURPLUS MARSH CREATION NEAR FRESHWATER BAYOU	TITLE SHEET
			STATE PROJECT NUMBER: TV-11b(EB) & ME-25SF	DATE: FEBRUARY 2010
DRAWN BY: N. SONNIER / L. CRAMER	DESIGNED BY: T. ORTEGO	APPROVED BY: T. VINCENT	FEDERAL PROJECT NUMBER: TV-11b(EB) & ME-25SF	SHEET 1 OF 8

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APPLICATION BY: VERMILION PARISH POLICE JURY 100 N. STATE STREET, SUITE 200 ABBEVILLE, LA 70510	STATE OF LOUISIANA OFFICE OF COASTAL PROTECTION AND RESTORATION ENGINEERING AND OPERATIONS BRANCH 450 LAUREL STREET, SUITE 1501 BATON ROUGE, LOUISIANA 70801		CIAP FRESHWATER BAYOU BANK STABILIZATION & SURPLUS MARSH CREATION NEAR FRESHWATER BAYOU	QUADRANGLE VICINITY MAP
			STATE PROJECT NUMBER: TV-11b(EB) & ME-25SF	DATE: FEBRUARY 2010
DRAWN BY: N. SONNIER / L. CRAMER	DESIGNED BY: T. ORTEGO	APPROVED BY: T. VINCENT	FEDERAL PROJECT NUMBER: TV-11b(EB) & ME-25SF	SHEET 2 OF 8

N:\DATA\7739\7739-08 Permit\7739-08 Vicinity Map.dwg Feb 09,2010 11:13



APPLICATION BY:

VERMILION PARISH POLICE JURY
100 N. STATE STREET, SUITE 200
ABBEVILLE, LA 70510

STATE OF LOUISIANA
OFFICE OF COASTAL PROTECTION AND RESTORATION
ENGINEERING AND OPERATIONS BRANCH
450 LAUREL STREET, SUITE 1501
BATON ROUGE, LOUISIANA 70801

CIAP FRESHWATER BAYOU
BANK STABILIZATION & SURPLUS MARSH
CREATION NEAR FRESHWATER BAYOU

PLAN LAYOUT
SOUTH AREA

STATE PROJECT NUMBER: TV-11b(EB) & ME-25SF

DATE: NOVEMBER 2010

DRAWN BY: N. SONNIER / L. CRAMER

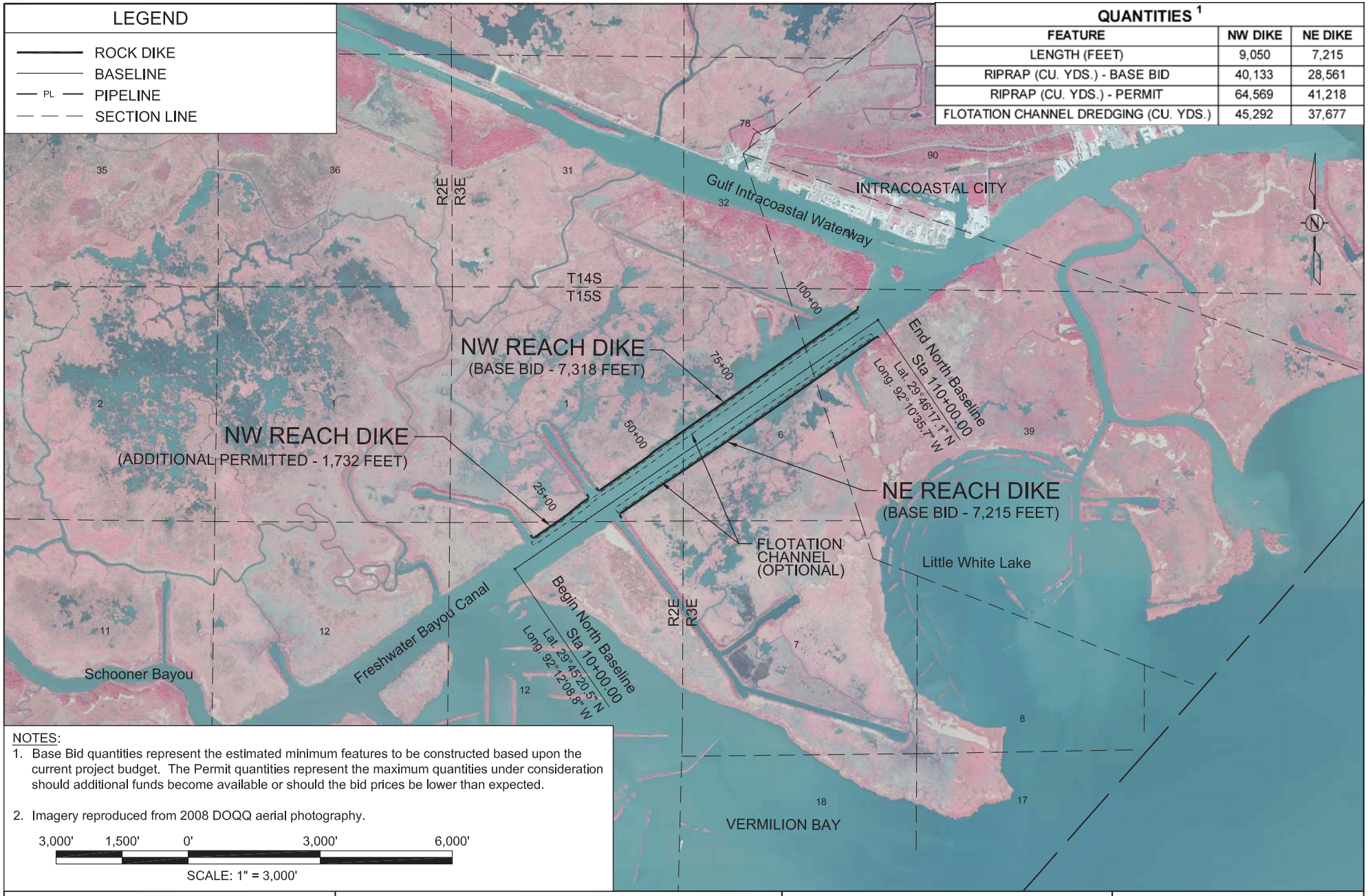
DESIGNED BY: T. ORTEGO

APPROVED BY: T. VINCENT

FEDERAL PROJECT NUMBER: TV-11b(EB) & ME-25SF

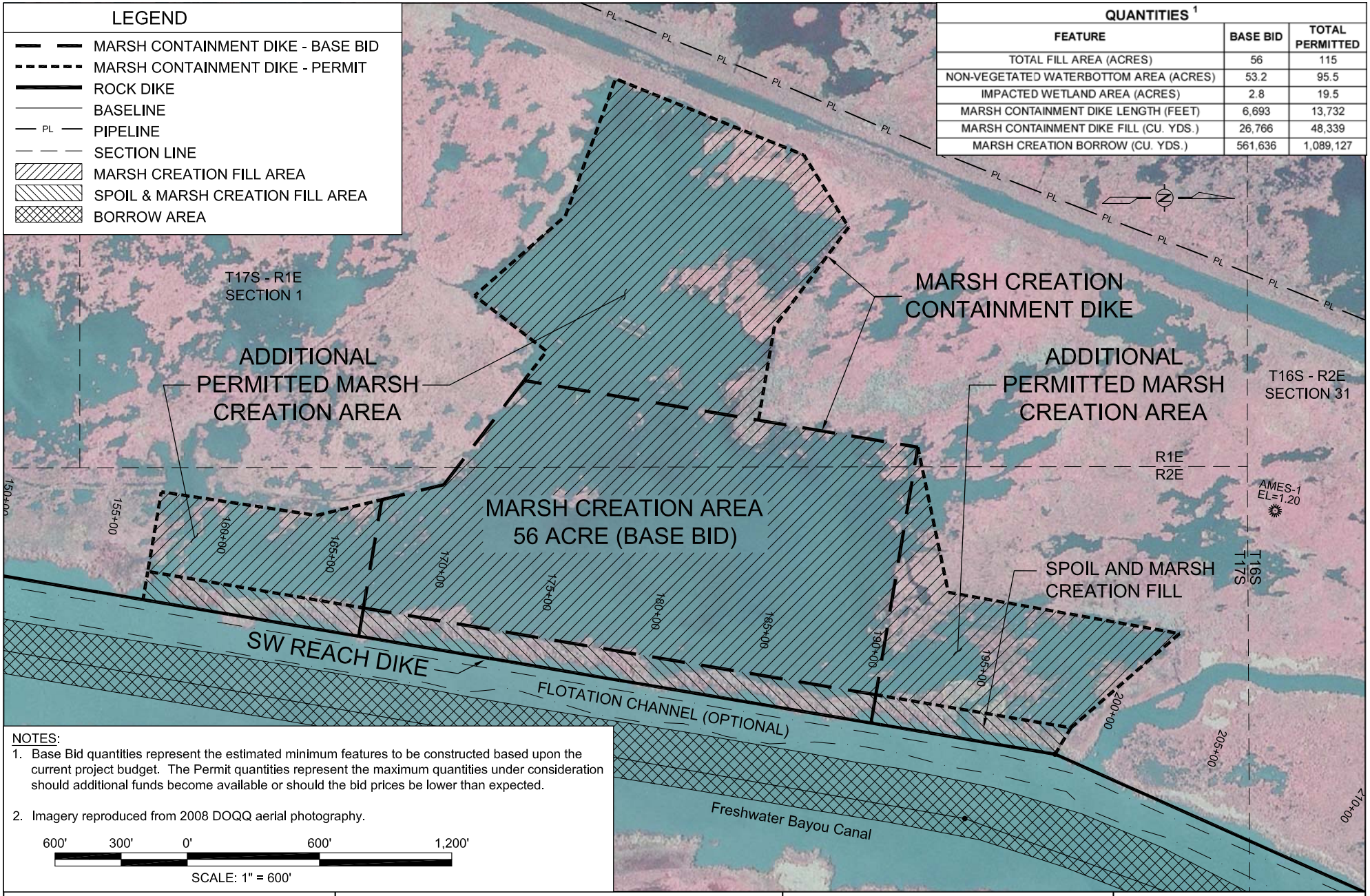
SHEET 3 OF 8

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APPLICATION BY: VERMILION PARISH POLICE JURY 100 N. STATE STREET, SUITE 200 ABBEVILLE, LA 70510	STATE OF LOUISIANA OFFICE OF COASTAL PROTECTION AND RESTORATION ENGINEERING AND OPERATIONS BRANCH 450 LAUREL STREET, SUITE 1501 BATON ROUGE, LOUISIANA 70801		CIAP FRESHWATER BAYOU BANK STABILIZATION & SURPLUS MARSH CREATION NEAR FRESHWATER BAYOU	PLAN LAYOUT NORTH AREA
			STATE PROJECT NUMBER: TV-11b(EB) & ME-25SF	DATE: MARCH 2010
DRAWN BY: N. SONNIER / L. CRAMER	DESIGNED BY: T. ORTEGO	APPROVED BY: T. VINCENT	FEDERAL PROJECT NUMBER: TV-11b(EB) & ME-25SF	SHEET 4 OF 8

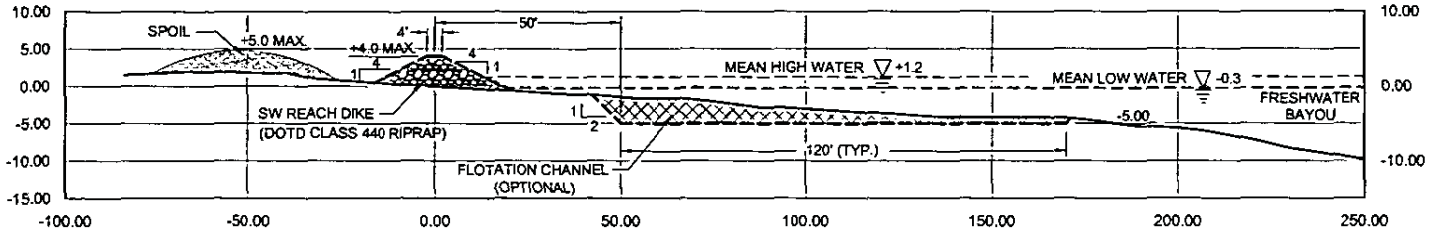
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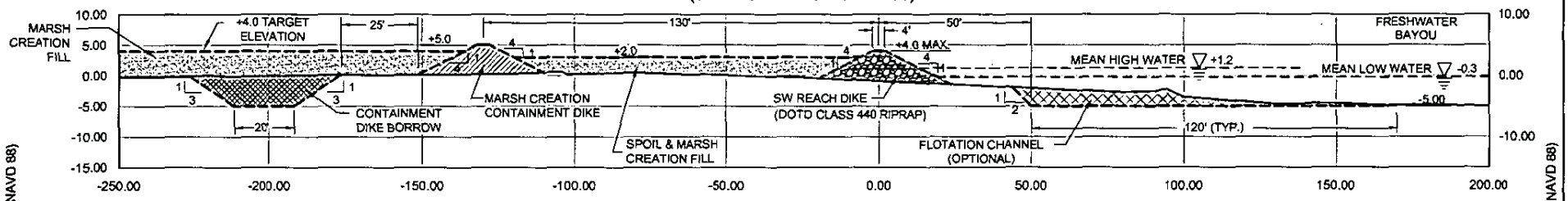
APPLICATION BY: VERMILION PARISH POLICE JURY 100 N. STATE STREET, SUITE 200 ABBEVILLE, LA 70510	STATE OF LOUISIANA OFFICE OF COASTAL PROTECTION AND RESTORATION ENGINEERING AND OPERATIONS BRANCH 450 LAUREL STREET, SUITE 1501 BATON ROUGE, LOUISIANA 70801		CIAP FRESHWATER BAYOU BANK STABILIZATION & SURPLUS MARSH CREATION NEAR FRESHWATER BAYOU	PLAN LAYOUT MARSH CREATION AREA
			STATE PROJECT NUMBER: TV-11b(EB) & ME-25SF	DATE: NOVEMBER 2010
DRAWN BY: N. SONNIER / L. CRAMER	DESIGNED BY: T. ORTEGO	APPROVED BY: T. VINCENT	FEDERAL PROJECT NUMBER: TV-11b(EB) & ME-25SF	SHEET 5 OF 8

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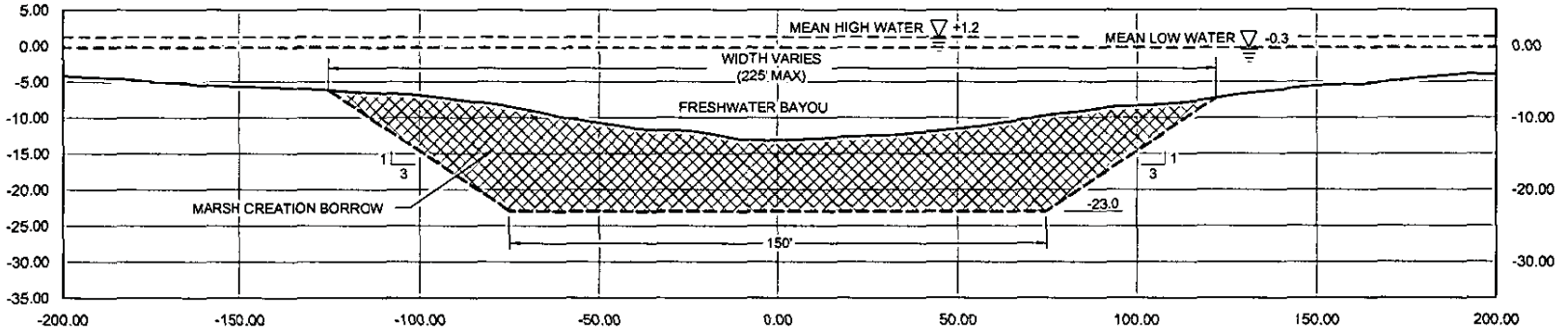
SW REACH DIKE TYPICAL SECTION EL.+3.00



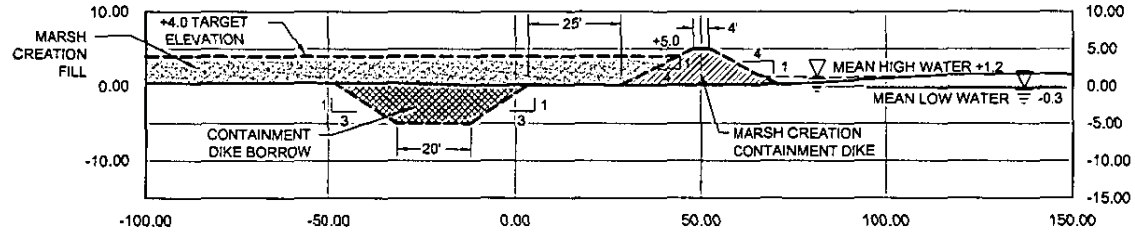
SW REACH DIKE TYPICAL SECTION EL.+3.00 w/ MARSH DIKE EL.+5.00
(STA. 78+75 to STA. 106+00)



FWB BORROW TYPICAL SECTION



MARSH CREATION CONTAINMENT DIKE & BORROW TYPICAL SECTION



HORIZONTAL GRAPHIC SCALE

50' 25' 0' 50' 100'

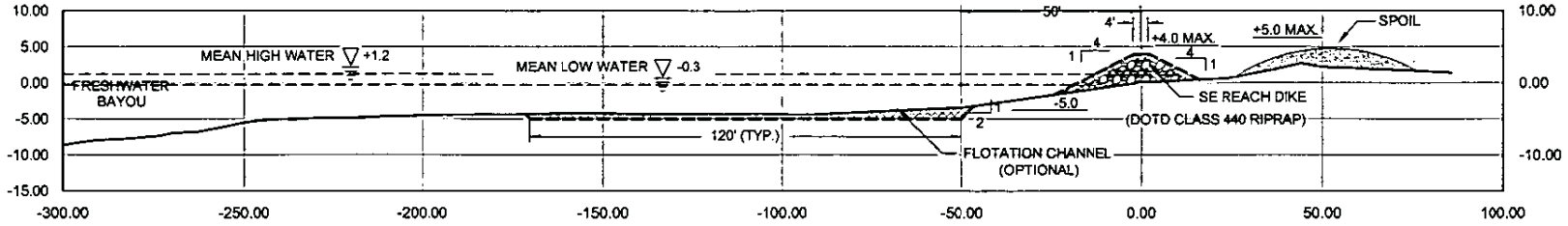
25' 12.5' 0' 25' 50'

VERTICAL GRAPHIC SCALE

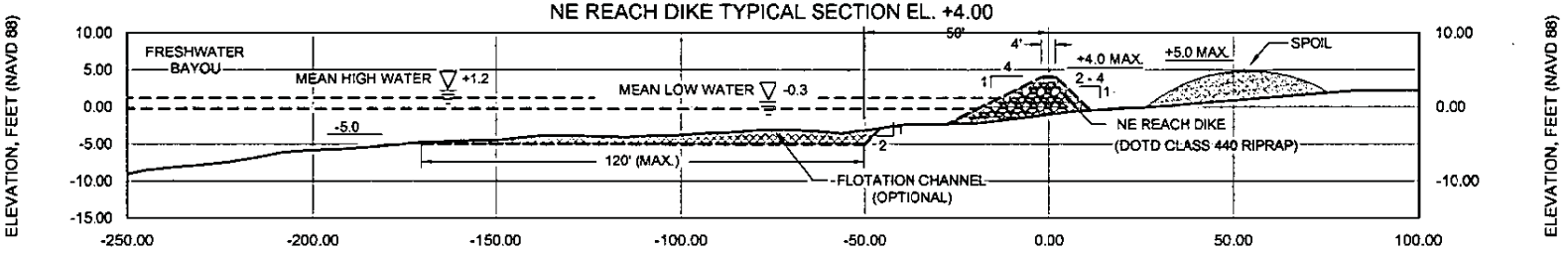
APPLICATION BY: VERMILION PARISH POLICE JURY 100 N. STATE STREET, SUITE 200 ABBEVILLE, LA 70510	STATE OF LOUISIANA OFFICE OF COASTAL PROTECTION AND RESTORATION ENGINEERING AND OPERATIONS BRANCH 450 LAUREL STREET, SUITE 1501 BATON ROUGE, LOUISIANA 70801	CIAP FRESHWATER BAYOU BANK STABILIZATION & SURPLUS MARSH CREATION NEAR FRESHWATER BAYOU	TYPICAL SECTIONS
		STATE PROJECT NUMBER: TV-11b(EB) & ME-25SF	DATE: FEBRUARY 2010
DRAWN BY: N. SONNIER / L. CRAMER	DESIGNED BY: T. ORTEGO / APPROVED BY: T. VINCENT	FEDERAL PROJECT NUMBER: TV-11b(EB) & ME-25SF	SHEET 6 OF 8

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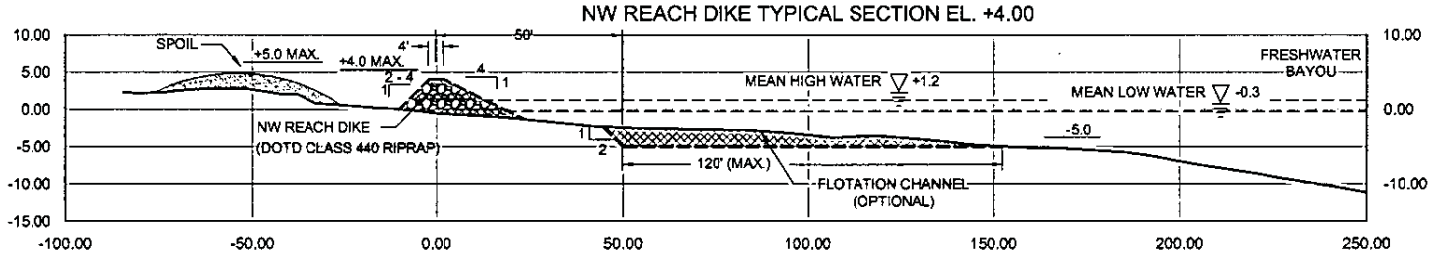
SE REACH DIKE TYPICAL SECTION EL. +4.00



NE REACH DIKE TYPICAL SECTION EL. +4.00



NW REACH DIKE TYPICAL SECTION EL. +4.00



HORIZONTAL GRAPHIC SCALE

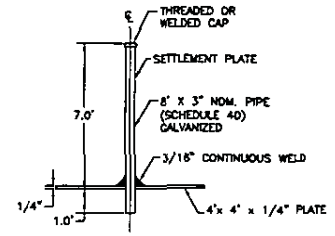
50' 25' 0' 50' 100'

25' 12.5' 0' 25' 50'

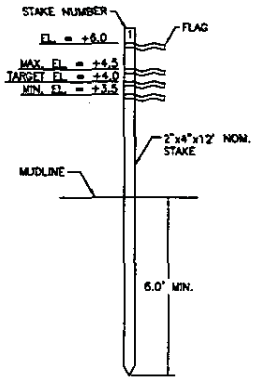
VERTICAL GRAPHIC SCALE

APPLICATION BY: VERMILION PARISH POLICE JURY 100 N. STATE STREET, SUITE 200 ABBEVILLE, LA 70510	STATE OF LOUISIANA OFFICE OF COASTAL PROTECTION AND RESTORATION ENGINEERING AND OPERATIONS BRANCH 450 LAUREL STREET, SUITE 1501 BATON ROUGE, LOUISIANA 70801		CIAP FRESHWATER BAYOU BANK STABILIZATION & SURPLUS MARSH CREATION NEAR FRESHWATER BAYOU	TYPICAL SECTIONS
			STATE PROJECT NUMBER: TV-11b(EB) & ME-25SF	DATE: FEBRUARY 2010
DRAWN BY: N. SONNIER / L. CRAMER	DESIGNED BY: T. ORTEGO	APPROVED BY: T. VINCENT	FEDERAL PROJECT NUMBER: TV-11b(EB) & ME-25SF	SHEET 7 OF 8

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MARSH CREATION SETTLEMENT PLATE
NOT TO SCALE



GRADE STAKE DETAIL
NOT TO SCALE

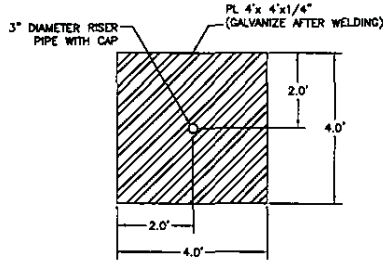
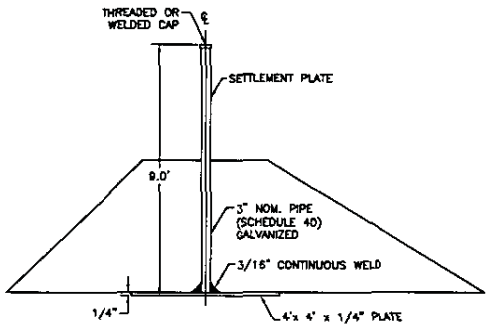
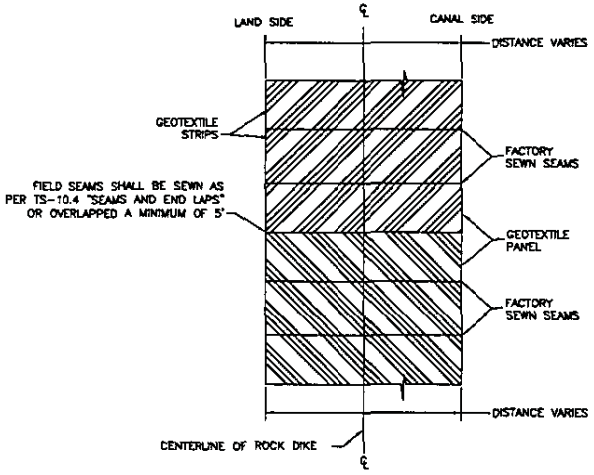


PLATE DETAIL
NOT TO SCALE



ROCK DIKE SETTLEMENT PLATE
NOT TO SCALE



WOVEN GEOTEXTILE LAYOUT
NOT TO SCALE

SETTLEMENT PLATE NOTES:

1. SETTLEMENT PLATES SHALL BE INSTALLED ALONG THE CENTERLINE OF THE ROCK DIKE.
2. THE SETTLEMENT PLATES SHALL BE SURVEYED WITHIN A DAY OF INSTALLATION AND WITNESSED BY THE DNR INSPECTOR UNTIL THE ROCK IS ACCEPTED.
3. SETTLEMENT PLATES SHALL BE BUILT USING ASTM A36 STEEL AND HOT-DIPPED GALVANIZED AFTER FABRICATION PER SPECIFICATION TS-510 "ROCK SETTLEMENT PLATES".

WOVEN GEOTEXTILE FABRIC NOTES:

1. THE WOVEN GEOTEXTILE FABRIC SHALL OVERLAP ROCK DIKE EDGE BY A MINIMUM OF ONE (1)FOOT AND A MAXIMUM OF THREE (3) FEET ON EACH SIDE. ANY SEAM PARALLEL TO ROCK DIKE CENTERLINE SHALL BE SEWN. THE MINIMUM OVERLAP AT THE ROLL/GEOTEXTILE PANEL ENDS, PERPENDICULAR TO ROCK DIKE CENTERLINE, SHALL BE FIVE (5) FEET UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
2. THE GEOTEXTILE WIDTH SHOWN INCLUDES A 3' EXTENSION ON EACH SIDE OF THE ROCK DIKE. SEE TS-610 "WOVEN GEOTEXTILE FABRIC" FOR ADDITIONAL REQUIREMENTS.

APPLICATION BY: VERMILION PARISH POLICE JURY 100 N. STATE STREET, SUITE 200 ABBEVILLE, LA 70510	STATE OF LOUISIANA OFFICE OF COASTAL PROTECTION AND RESTORATION ENGINEERING AND OPERATIONS BRANCH 450 LAUREL STREET, SUITE 1501 BATON ROUGE, LOUISIANA 70801		CIAP FRESHWATER BAYOU BANK STABILIZATION & SURPLUS MARSH CREATION NEAR FRESHWATER BAYOU	TYPICAL DETAILS
			STATE PROJECT NUMBER: TV-11b(EB) & ME-25SF	DATE: FEBRUARY 2010
DRAWN BY: N. SONNIER / L. CRAMER	DESIGNED BY: T. ORTEGO	APPROVED BY: T. VINCENT	FEDERAL PROJECT NUMBER: TV-11b(EB) & ME-25SF	SHEET 8 OF 8

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DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT

P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: **P20111117**

C.O.E. No.: **MVN- 2011- 02261- WMM**

NAME: **MCILHENNEY RESOURCES**
c/o RANDY MOERTLE AND ASSOCIATES, INC.
1008 MAR DRIVE
LOCKPORT, LA 70374
Attn: Randy Moertle

LOCATION: **Iberia Parish, LA**
Approx. 3 miles south-southeasterly from Avery Island, along the shoreline of Bayou Casmer near its junction with the Gulf Intracoastal Waterway; Lat 29º 50' 46.69"N, Long 91º 53' 31.33"W; Section 6, T14S-R6E.

DESCRIPTION: Proposed placement of approx. 600 cu. yds. of rip rap material for bankline stabilization and erosion control. No dredging is required.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, and/or operate the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Office of Coastal Management of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Office of Coastal Management by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two years from the date of the signature of the Secretary or his designee. If the coastal use is not initiated within this two year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for the purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith, and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

a. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

b. No rip rap shall be placed on marsh vegetation.

c. Please note that the Louisiana black bear (Ursus americanus luteolus) may occur in your general project area and is provided a threatened status on both federal and state species lists. The Louisiana black bear utilizes a variety of

habitat types, including forested wetlands, marsh, spoil banks, and upland forests. We strongly urge workers and contractors to avoid bears, particularly if work is to be conducted during the non-denning season (April through December). Employees should be cautioned to not leave food or garbage in the field, as bears can become attracted and accustomed to human food easily. In addition, we recommend the use of bear proof garbage containers on site.

The Louisiana Natural Heritage Program (LNHP) reports summarize the existing information known at the time of the request regarding the location in question. LNHP 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 LNHP tracked species are encountered within the project area, please contact the LDWF biologist at 225-765-2643.

d. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

e. The applicant shall be aware of and comply with any and all applicable Louisiana State Sanitary Code regulations (LAC 51, as applicable). If the applicant intends to use onsite wastewater treatment and/or onsite potable water production/treatment facilities, the applicant shall obtain the required permits for such facilities from the DHH Parish Health Unit with jurisdiction over the locality of the proposed project prior to commencing construction.

In the event of any future discovery of evidence of non-compliance with the Louisiana Administrative Code Title 51 (Public Health-Sanitary Code) and the Title 48 (Public Health-General) regulations or any applicable public health laws or statutes which may have escaped our awareness during the course of this cursory review, please be advised that this office's preliminary determination on this project shall not be construed as absolving the applicant of responsibility, if any, with respect to compliance with the Louisiana Administrative Code Title 51 (Public Health-Sanitary Code) and the Title 48 (Public Health-General) regulations or any other applicable public health laws or statutes.

f. Structures must be marked/lighted in accordance with U. S. Coast Guard regulations.

g. All structures built under the authorization and conditions of this permit shall be removed from the site within 120 days of abandonment of the facilities for the herein permitted use, or when these structures fall into a state of disrepair such that they can no longer function as intended. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for such removal activities.

h. As-built drawings and/or plats 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.

i. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.

j. Permittee shall allow representatives of the Office of Coastal Management or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.

k. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.

I. This permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D.). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

The expiration date of this permit is five (5) years from the date of the signature of the Secretary or his designee.

Upon expiration of this permit, a new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

********** End of Conditions **********

By accepting this permit the applicant agrees to its terms and conditions.

I affix my signature and issue this permit this 27th day of October, 2011.

THE DEPARTMENT OF NATURAL RESOURCES

Karl L. Morgan, Administrator
Office of Coastal Management

This agreement becomes binding when signed by Administrator of
the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

Attachments

Final Plats:

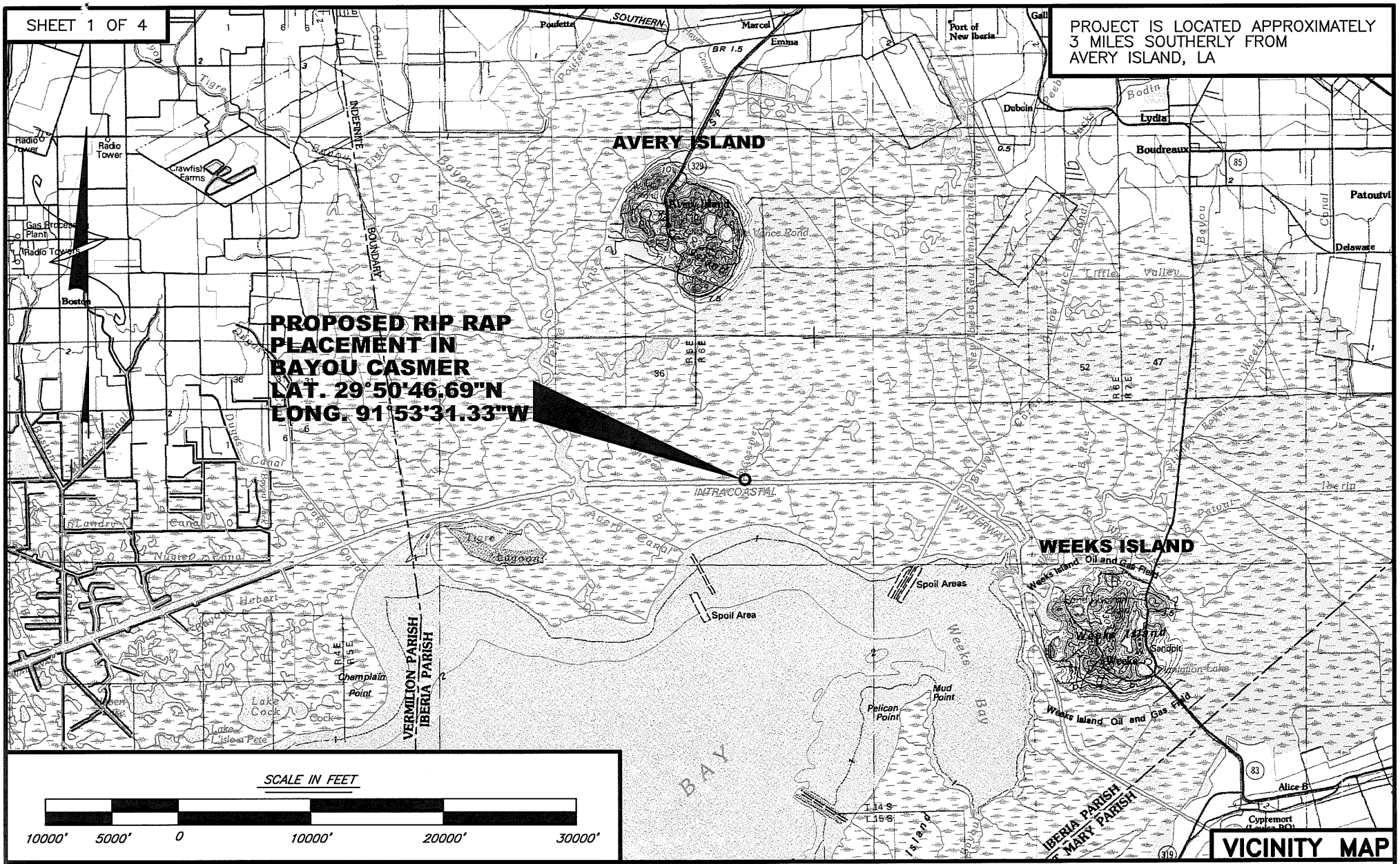
1) P20111117 Final Plats 09/26/2011

cc: Pete Serio, COE w/attachments
Dave Butler, LDWF w/attachments
Peggy Rooney, OCM w/attachments
Charlie Mestayer, OCM/FI w/attachments

MCILHENNY RESOURCES w/attachments

SHEET 1 OF 4

PROJECT IS LOCATED APPROXIMATELY 3 MILES SOUTHERLY FROM AVERY ISLAND, LA



VICINITY MAP

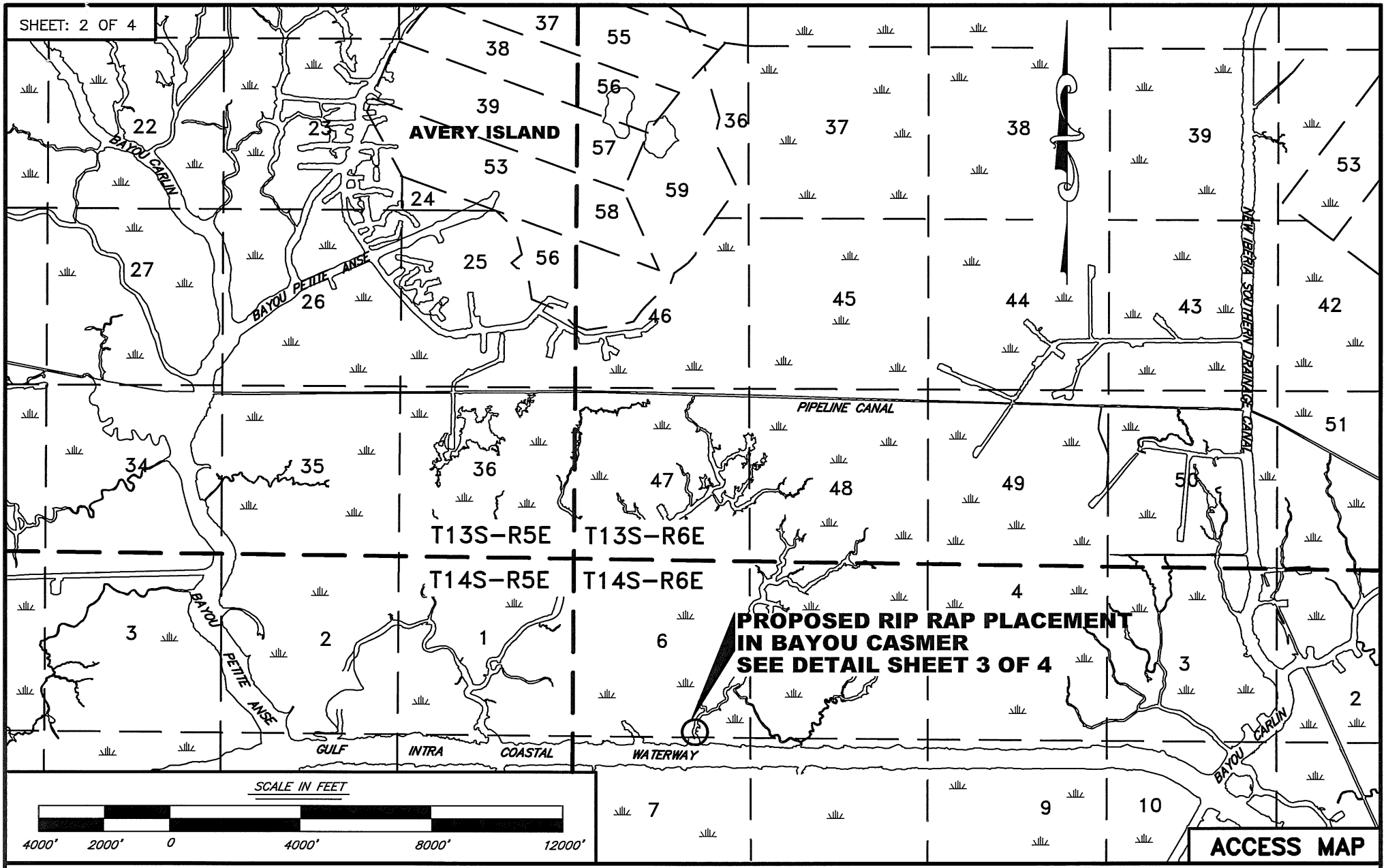
PURPOSE: PROPOSED PLACEMENT OF RIP RAP ALONG BAYOU CASMER FOR BANKLINE STABILIZATION AND THE PREVENTION ON ONGOING EROSION

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 MAR DRIVE LOCKPORT, LA

PERMIT PLAT

PROPOSED RIP RAP FOR BANKLINE STABILIZATION IN BAYOU CASMER LOCATED T14S – R6E SECTIONS 6 AND 7 IBERIA PARISH, LOUISIANA

APPLICATION BY: MCILHENNY RESOURCES
DATE: JUNE 15, 2011 REVISED: SEPTEMBER 26, 2011



PURPOSE: PROPOSED PLACEMENT OF RIP RAP ALONG BAYOU CASMER FOR BANKLINE STABILIZATION AND THE PREVENTION ON ONGOING EROSION

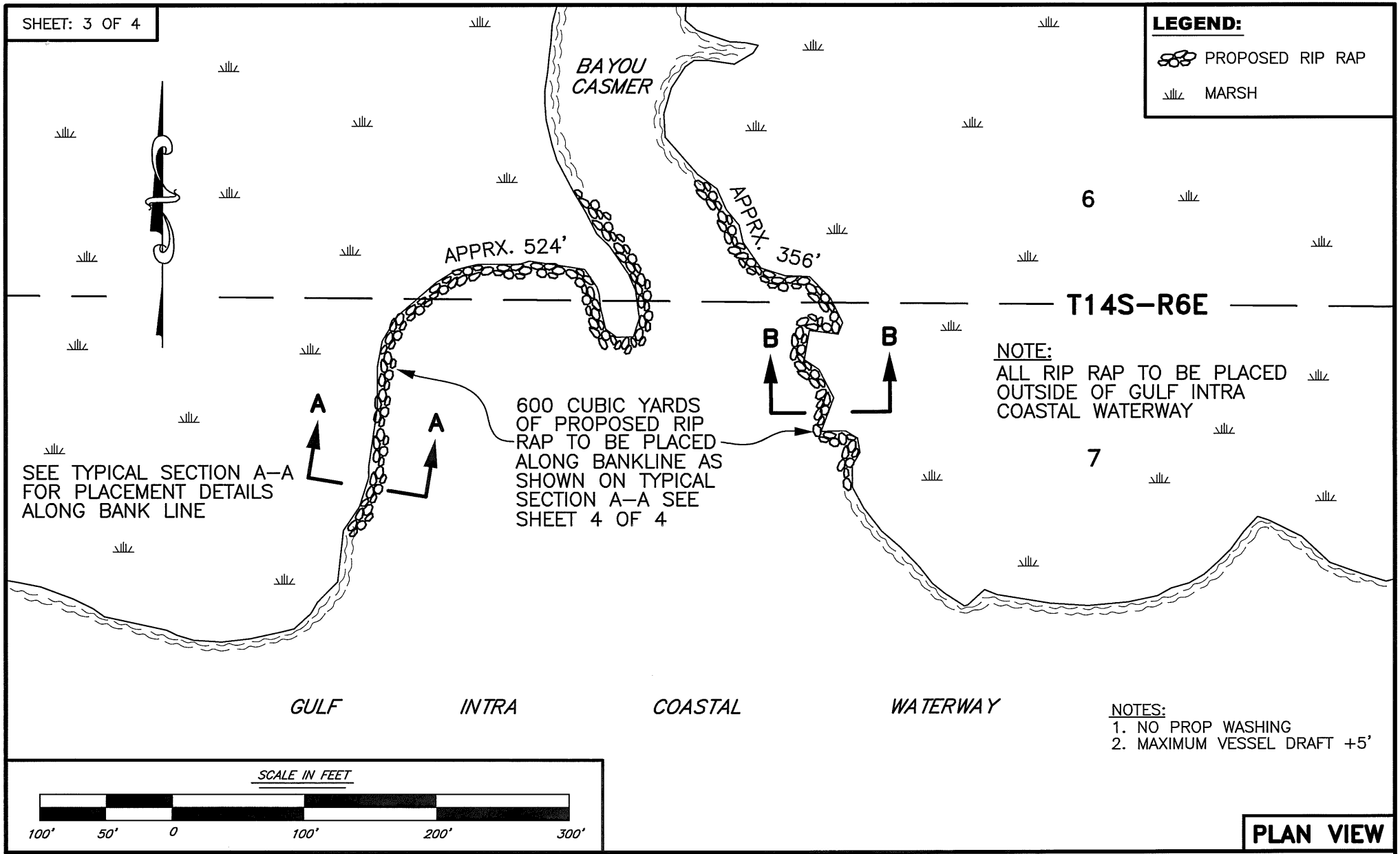
Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 MAR DRIVE LOCKPORT, LA

PERMIT PLAT

PROPOSED RIP RAP FOR BANKLINE STABILIZATION IN BAYOU CASMER LOCATED T14S – R6E SECTIONS 6 AND 7 IBERIA PARISH, LOUISIANA

APPLICATION BY: MCILHENNY RESOURCES
DATE: JUNE 15, 2011 REVISED: SEPTEMBER 26, 2011

SHEET: 3 OF 4



LEGEND:

PROPOSED RIP RAP

MARSH

SCALE IN FEET

100' 50' 0 100' 200' 300'

NOTES:
1. NO PROP WASHING
2. MAXIMUM VESSEL DRAFT +5'

PLAN VIEW

PURPOSE: PROPOSED PLACEMENT OF RIP RAP ALONG BAYOU CASMER FOR BANKLINE STABILIZATION AND THE PREVENTION ON ONGOING EROSION

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 MAR DRIVE LOCKPORT, LA

PERMIT PLAT

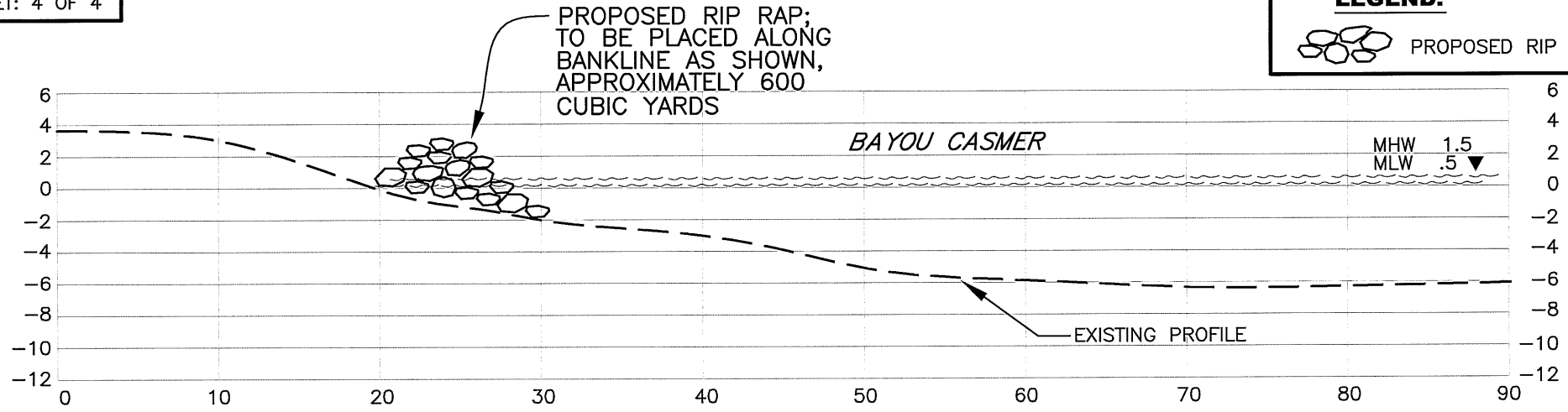
PROPOSED RIP RAP FOR BANKLINE STABILIZATION IN BAYOU CASMER LOCATED T14S – R6E SECTIONS 6 AND 7 IBERIA PARISH, LOUISIANA

APPLICATION BY: MCILHENNY RESOURCES

DATE: JUNE 15, 2011 REVISED: SEPTEMBER 26, 2011

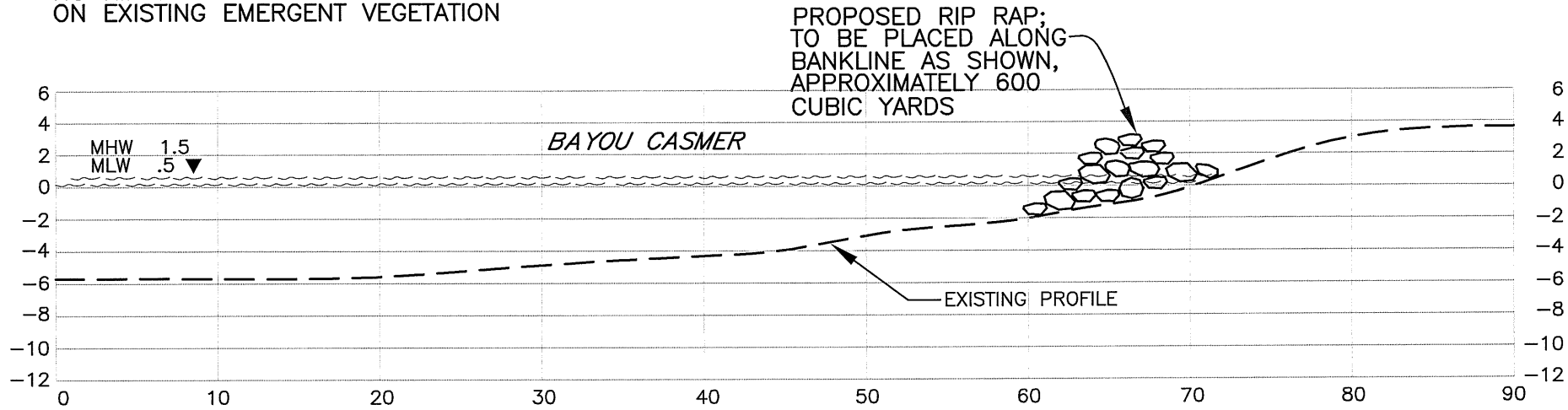
LEGEND:

PROPOSED RIP RAP



TYPICAL SECTION A–A
RIP RAP PLACEMENT ALONG BANKLINE

NOTE:
NO RIP RAP TO BE PLACED
ON EXISTING EMERGENT VEGETATION



TYPICAL SECTION B–B
RIP RAP PLACEMENT ALONG BANKLINE

SCALE: HORIZONTAL SCALE 1" = 10'
VERTICAL SCALE 1" = 10'

TYPICAL SECTION A–A

PURPOSE: PROPOSED PLACEMENT OF RIP RAP ALONG BAYOU CASMER FOR BANKLINE STABILIZATION AND THE PREVENTION ON ONGOING EROSION

Randy Moertle and Associates, Inc.
Environmental and Landowner Services
1008 MAR DRIVE LOCKPORT, LA

PERMIT PLAT

PROPOSED RIP RAP FOR BANKLINE STABILIZATION IN BAYOU CASMER
LOCATED T14S – R6E
SECTIONS 6 AND 7
IBERIA PARISH, LOUISIANA

APPLICATION BY: MCILHENNY RESOURCES
DATE: JUNE 15, 2011 REVISED: SEPTEMBER 26, 2011

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT
P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487

(225) 342-7591
1-800-267-4019

COASTAL USE AUTHORIZATION/CONSISTENCY DETERMINATION

C.U.P No.: **P20131514**

NAME : **CHEVRON MIDSTREAM PIPELINES, LLC**
C. H. FENSTERMAKER & ASSOCIATES, LLC
5005 RIVERWAY DR., SUITE 300
HOUSTON, TX 77056
Attn: Robert Ganczak

LOCATION: **Vermilion Parish, LA**
Lat 29º 50' 47.3" N / Long -92º 04' 20.3" W (Bank Stabilization - North); Lat 29º 50' 46.6" N / Long -92º 04' 20.4" W (Bank Stabilization - South); Section 4, T14S-R4E.

DESCRIPTION: Installation of riprap, earthen fill and concrete mats (approximately 493 cubic yards total fill materials; 0.03 acres) for bank stabilization at a waterway crossing for protection of two pipe lines.

Pursuant to the Louisiana Administrative Code, Title 43, §723.E, you are hereby notified that the referenced activity is authorized by Coastal Use Permit(s) GP - 19 (bankline stabilization for pipelines). As stated in condition 10.I.D. of GP - 19, Office of Coastal Management may issue approval under the authority of this General Permit with additional Operating Conditions. This authorization is valid, therefore, only if the permittee adheres to the following condition(s):

a. The water bottom shall not be disturbed during access to the proposed work location, other than that authorized and shown on the attached project plats, whether it be by dredging, wheel washing, propwashing, jetting, mucking, plowing, bull dozing or any other means of moving bottom material. Powered vessels shall be operated so as not to disturb the water bottom by propeller or jet action.

b. All fill material shall be clean and free of contaminants and shall not contain hazardous materials such as asbestos or asbestos residue, shingles, tires, oil/grease residue, exposed rebar, protruding objects, etc.

c. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

d. All structures built under the authorization and conditions of this permit shall be removed from the site within 120 days of abandonment of the facilities for the herein permitted use, or when these structures fall into a state of disrepair such that they can no longer function as intended. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for such removal activities.

e. The permittee must affix a permanent, unique identifier to each mat. The identifier and the methods of

marking and attachment (e.g., embossing the permit number in the concrete or attaching a type of tag) must be approved by OCM/DNR prior to authorization.

Should changes in the location or the section of the existing waterways, or in the generally prevailing conditions in the vicinity be required in the future, in the public interest (e.g., to allow for successful construction, implementation, maintenance, etc. of features contained in the Integrated Ecosystem Restoration and Hurricane Protection: Louisiana's Comprehensive Master Plan for a Sustainable Coast), permittee shall make such changes in the project concerned or in the arrangement thereof as may be necessary to satisfactorily meet the situation and shall bear the cost thereof. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for project modifications.

In the event the permit for a pipeline protected by mats is transferred, both the pipeline permit number and the concrete mat permit number are required to be referenced in the permit transfer request. If a financial assurance is required as part of the original permit or any subsequent authorization to install mats to protect the line, the request to transfer the authorizations must be accompanied by an appropriate financial assurance in the transferee's name.

If multiple mats are required, the mats must be permanently joined together during installation to form a single unit. The unit must be maintained as a singular structure throughout its project life.

This determination is valid for two (2) years from the date of this letter. If the proposed activity is not initiated within this two year period, this determination will expire. The applicant will notify the Office of Coastal Management of the date on which initiation of the proposed activity began by entering a commencement date through the online system, or by mailing said information to OCM. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

This determination has been made based on the information provided in your application showing that either no dredging or limited dredging would be necessary to access to the work site. Dredging beyond that described in your application, including prop washing, wheel washing, or otherwise displacing water bottom material is not authorized by this determination. If site conditions are such that dredging beyond that authorized is necessary, a revised determination including agency or public notice if applicable, will be required.

This determination has been made on the basis of information provided by your application. If it is later established that you furnished erroneous data, you may be directed to alter or modify your plans, to remove structures you have installed, and/or to restore the work area to pre-project conditions at your own expense. If it is established that you knowingly furnished erroneous data, you could also be subject to legal action.

This determination does not eliminate the need to obtain a permit from the United States Army, Corps of Engineers or any other Federal, state or local approval that may be required by law. The drawings submitted with your referenced application are attached hereto and made a part of the record. If you have any questions regarding this authorization, please contact our office (225) 342-7591 or (800) 267-4019.

******* End of Determination *******

By accepting this determination the applicant agrees to its terms and conditions.

I affix my signature and issue this determination this 19th day of December, 2013.

DEPARTMENT OF NATURAL RESOURCES

Karl L Mor

Karl L. Morgan, Administrator
Office of Coastal Management

This agreement becomes binding when signed by the Administrator of
the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

Attachments

Final Plats:

1) P20131514 Final Plats 10/28/2013

cc: Martin Mayer, COE w/attachments
Dave Butler, LDWF w/attachments
Stephen Broussard, LED w/attachments
Jessica Diez, OCM w/attachments
Darin Thomassee, OCM/FI w/attachments

CHEVRON MIDSTREAM PIPELINES, LLC w/attachments

GP-19 Conditions

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permitted agrees to:

1. Carry out, perform, operate and maintain the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources. Please be advised that a separate coastal use permit may be required for maintenance activities.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter, or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The permittee will notify the Office of Coastal Management (OCM) of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The permittee shall notify the OCM by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

I. General Conditions

A. The Secretary of DNR has determined that full individual permit processing by OCM is in the public interest in order to determine whether proposed activities qualify for authorization under the authority of this Amended General Permit. This full individual permit processing will consist of review by the staff of OCM of each authorization request. Therefore, pursuant to the Rules and Procedures for Coastal Use Permits, Title 43, Subpart 723.C.3.a, of the Louisiana Code of Administrative Procedure, an application fee will be assessed for activities proposed for authorization under the authority of this Amended General Permit. If appropriate, permit processing fees and appropriate mitigation plan processing fees also will be assessed.

B. A standard Joint Application Form shall be completed and submitted to OCM along with drawings depicting the location and character of work proposed for approval under the authority of this Amended General Permit. The applicant shall submit a complete application packet (forms and plats) to OCM. The application shall be accompanied by the application fee in effect at the time of application submittal. This Amended General Permit shall not apply if the proposed work is determined not to meet the criteria. The applicant shall be advised within five (5) calendar days of receipt of the complete application that the application shall be processed as an individual CUP if the determination is made that the proposed activity is not consistent with this Amended General Permit.

C. Individual written approvals from OCM must be obtained prior to the commencement of any individual activity proposed under the authority of this Amended General Permit.

D. Should OCM deem that they may have an interest in the project, prior to issuance of authorization for individual activities under the authority of this Amended General Permit, the following agencies shall have a five (5) calendar day period to review the proposed activity: the Louisiana Departments of Wildlife and Fisheries; Health and Hospitals; Environmental Quality; Office of Coastal Protection and Restoration; Culture Recreation, and Tourism; Transportation and Development; State Land Office; and the approved Parish Local Program, if applicable. OCM may issue authorization for the proposed activity after the designated review period or after receiving notification by each of the agencies, either in writing or by telephone, that there are no objections to the proposed activity. However, the final decision for the issuance of authorization for individual activities under the authority of this Amended General Permit, to issue approval with modifications or additional Operating Conditions, or to deny approval for the proposed work, shall be made by the Secretary of DNR, or his designee.

E. Should it be deemed in the public interest, the Secretary shall deny authorization to perform work under the authority of this Amended General Permit and require the applicant to obtain an individual CUP for the proposed activity.

F. Unless otherwise specified in the Amended General Permit or specific work approval, authorization for work under the authority of this Amended General Permit shall expire if the work is not initiated and completed within two (2) years from the date of issuance of the original written individual approval. Initiation of the Coastal Use, for purposes of this Amended General Permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. All activities authorized under the authority of this General Permit must be completed within 90 days of initiation of the work, with a one-time mobilization, unless a different time schedule is specifically approved by OCM.

G. The term to initiate and complete an individual authorization issued under the authority of this Amended

General Permit may be extended for up to an additional two (2) years beyond the initial two (2) year term. Extension requests shall be in the form of a written letter which shall refer to the original coastal use permit application number and specifically state that a permit extension is desired. Submission of extension requests via the online application system also is acceptable. A nonrefundable extension request fee in the amount of $80 shall be included with such a request, and the request must be received by the Permits, Mitigation and Support Division no sooner than 180 days and no later than 60 days prior to the expiration of the individual authorization in question. Requests received later than 60 days prior to the expiration date of the permit shall be eligible for consideration for extension, however a permittee who fails to make a timely request for an extension shall not engage in any activity requiring a coastal use permit past the original permit expiration date until an extension of the lapsed permit or a new permit is granted.

H. The Term of this Amended General Permit shall be five (5) years from the date of issuance, except as provided for in LAC 43 Subpart 723.E.3.b.

I. The permittee shall notify OCM of commencement of activities which are authorized under the authority of this Amended General Permit. The permittee shall notify OCM by either providing the information in writing or entering the information through the online system, within three (3) days of the date of initiation of the authorized work.

J. Issuance of approval under the authority of this Amended General Permit does not relieve the ermittee of obtaining other lawfully required permits (local, state, or federal) before commencing work.

K. The permittee shall allow representatives of OCM or authorized agents to make periodic, unannounced inspections to assure the activity is being performed in accordance with the conditions of the permit.

L. Work carried out under the authority of this Amended General Permit shall conform to all appropriate state and federal safety regulations.

M. An authorization issued under the authority of this Amended General Permit may not be transferred to another party without giving prior notice to, and receiving written approval from, the OCM Administrator. A transfer form can be downloaded at http://dnr.louisiana.gov/assets/docs/coastal/cup/transfer.pdf, or can be provided upon request.

N. Work carried out under the authority of this Amended General Permit shall be performed in full compliance with the rules and regulations of DNR which exist at the time of approval for that work.

O. Permittee shall provide legal representation and indemnification to State agencies for any and all lawsuits and/or claims whether they be legal or otherwise that may be filed or made against State agencies as a result of the activities by Permittee.

II. Operating Conditions

A. All logs, stumps and other debris encountered during dredging activities shall be removed from the site during or immediately after the activity and disposed of in accordance with all applicable laws and regulations.

B. Spoil shall not be placed in or block any tidal sloughs.

C. This Amended General Permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

D. If archaeological, historical, or other cultural resources are encountered during activities authorized under the authority of this Amended General Permit, work shall cease and the permittee shall immediately notify the Division of Archaeology, Louisiana Department of Culture, Recreation, and Tourism (CRT) (P. O. Box 44247, Baton Rouge, LA 70804) and OCM (P. O. Box 44487, Baton Rouge, LA 70804-4487, (225) 342-7591). Work may not resume until written approval is obtained from CRT.

E. The permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall not be discharged into any of the streams or adjacent waters of the area without authorization from DHH and/or LDEQ or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code and LDEQ regulations. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals (DHH) for purpose of review and approval prior to any utilization of such provisions.

F. The permittee shall comply with all applicable laws regarding the need to contact the Louisiana One Call System (811) or online at http://www.laonecall.com/how_to_use_us.htm to locate any buried cables and pipelines.

G. The permittee is subject to all laws related to damages which are demonstrated to have been caused by the permitted activities.

H. All activities involving any discharge of pollutants must be consistent with applicable water quality standards and any necessary permits issued through the Department of Environmental Quality/Office of Water Resources must be obtained.

I. Dredging and/or filling activities authorized under the authority of this Amended General Permit shall not exceed the volume specified in the project description of the individual authorization.

J. When adverse impacts to vegetated wetlands may result from the proposed activity, and/or when otherwise determined necessary by OCM, the applicant and OCM shall negotiate, in consultation with the owner(s) of land on which the permitted activity is proposed to occur, and those other natural resource agencies deemed appropriate by OCM, a compensatory mitigation plan, and the applicant shall implement that plan. That plan shall fulfill the requirements of Louisiana Revised Statute 49:214.41 and those rules and regulations adopted thereunder. Unless otherwise stated the expiration of the term of this Amended General Permit, or the revocation or expiration of approval to perform work under the authority of this Amended General Permit, shall not absolve the permittee, its transferees, or assignees from the obligation and responsibility of implementing and maintaining the compensatory mitigation plan.

K. If applicable, the requirement for compensatory mitigation for impacts to wetlands resulting from the referenced project may be determined after one full growing season (March 1 to November 1) following the completion of the permitted activities. This assessment shall include both primary impacts and secondary impacts which may result from the permitted activities.

If OCM determines that compensatory mitigation is required, permittee shall submit a compensatory mitigation plan for approval within 30 days of notification of the compensatory mitigation requirements by OCM. All necessary approvals shall be obtained for the compensatory mitigation plan and the plan shall be implemented as directed by OCM. Permittee should be aware that compensatory mitigation projects may be required to be maintained for as many as 20 years for marsh mitigation projects and 50 years for forested

wetland mitigation projects. A processing fee will be assessed for the determination of compensatory mitigation requirements and evaluation of the proposed compensatory mitigation plan in accordance with LAC Title 43, Part I, Chapter 7, §724.D. This fee shall apply regardless of which compensatory mitigation option is selected and does not include the cost incurred to implement the required compensatory mitigation.

L. Individual activities authorized under the authority of this Amended General Permit and occurring on LDWF identified Public Oyster Seed Grounds or Reservations shall be conditioned as agreed upon per the Memorandum of Understanding between the LDNR and LDWF, and all subsequent amendments to said document. This document can be found at http://dnr.louisiana.gov/index.cfm?md=pagebuilder&tmp=home&pid=96.

M. Individual activities authorized under the authority of this Amended General Permit shall be carried out on a one-time basis, during a one-time mobilization, except in situations where sequential phases (e.g.,use of different types of dredging techniques, or phased construction) may be specified in the work statement of the individual authorization. Additional authorizations may be necessary for maintenance activities or work beyond the scope of the authorized activities.

N. If the project authorized under the authority of this Amended General Permit is located on the aboriginal homelands of the Chitimacha Tribe of Louisiana and/or at any time during the course of work any traditional cultural properties are discovered, the permittee shall immediately contact the Chitimacha Tribe of Louisiana, P.O. Box 661, Charenton, LA 70523 - phone (337) 923-7215.

III. This Amended General Permit does not apply in the following locations without prior written authorization from the appropriate agencies:

A. Work under the authority of this Amended General Permit shall not be approved in the following areas, unless the applicant first provides a letter of no objection from the Louisiana Department of Wildlife and Fisheries:

1) Within the boundary of a currently productive oyster seed ground, oyster seed reservation or public oyster harvesting area; or

2) Within the boundaries of a LDWF owned or managed Wildlife Management Area or Wildlife Refuge.

3) Within 1,000 feet, or other distance deemed appropriate by LDWF, of a known bald eagle nest.

4) Within 1,500 feet, or other distance deemed appropriate by LDWF, of a known bird rookery area.

5) Within the officially designated critical habitat of a threatened or endangered species.

B. Work under the authority of this Amended General Permit shall not be approved in the following areas, unless the applicant first provides a letter of no objection from the Louisiana Department of Culture, Recreation, and Tourism:

1) Within a State Park, State Recreation Area or State Commemorative Area; or

2) Within any known historic or archaeological site or within the boundaries of an historical district.

C. Within 1,000 feet of an established navigation channel or fairway constructed, owned, operated, or maintained by federal, state, or local governments, or with federal, state, or local government funds, without written consent of each appropriate agency or governing body. An authorization request that is not accompanied by

such written permission shall be processed as an application for an individual CUP. If, however, there is a physical barrier at the project site that isolates the Coastal Use from the navigation channel or fairway and effectively prevents any interchange between the two, this restriction does not apply.

D. Within 1,500 feet of the Mississippi River or Atchafalaya River levees or within 300 feet of all other levees or other flood control structures which are owned, operated or maintained by the federal government, or with federal funds, without the written consent of each appropriate agency or governing body.

E. Within 1,000 feet of levees or other flood control facilities constructed, owned, operated or maintained by state or local governments, or with state, or local government funds, without written consent of each appropriate agency or governing body.

F. Within 1,500 feet of a barrier island, barrier island feature, chenier, or other coastal feature without the approval of the appropriate resource agencies that OCM determines to have programmatic interests.

IV. This Amended General Permit does NOT apply in the following situations:

A. Within 1,000 feet of an area determined to be a unique ecological feature by the Secretary of DNR.

B. Within Special Significance Areas designated pursuant to R.S. 49:214.41(F) and those rules and regulations adopted thereunder, where applicable.

C. Within the boundaries of a national park or monument, national wildlife refuge or established buffer zone for any such national site.

V. Special Conditions

A. Examples of activities authorized by this Amended General Permit include, but are not limited to:

1) Pipeline installation, removal, lowering and maintenance
2) Pit closures
3) Platforms for tank batteries
4) Landing pads for helicopters
5) Platforms for crew and supply boat docking
6) Parking areas
7) Staging areas
8) Equipment and work areas
9) Pipe Racks

B. This Amended General Permit authorizes the construction or removal of a platform, on pilings or a foundation, that is necessary for the production, exploration, storage, or processing of oil, gas, drilling fluids, and processed water, if the following conditions are met:

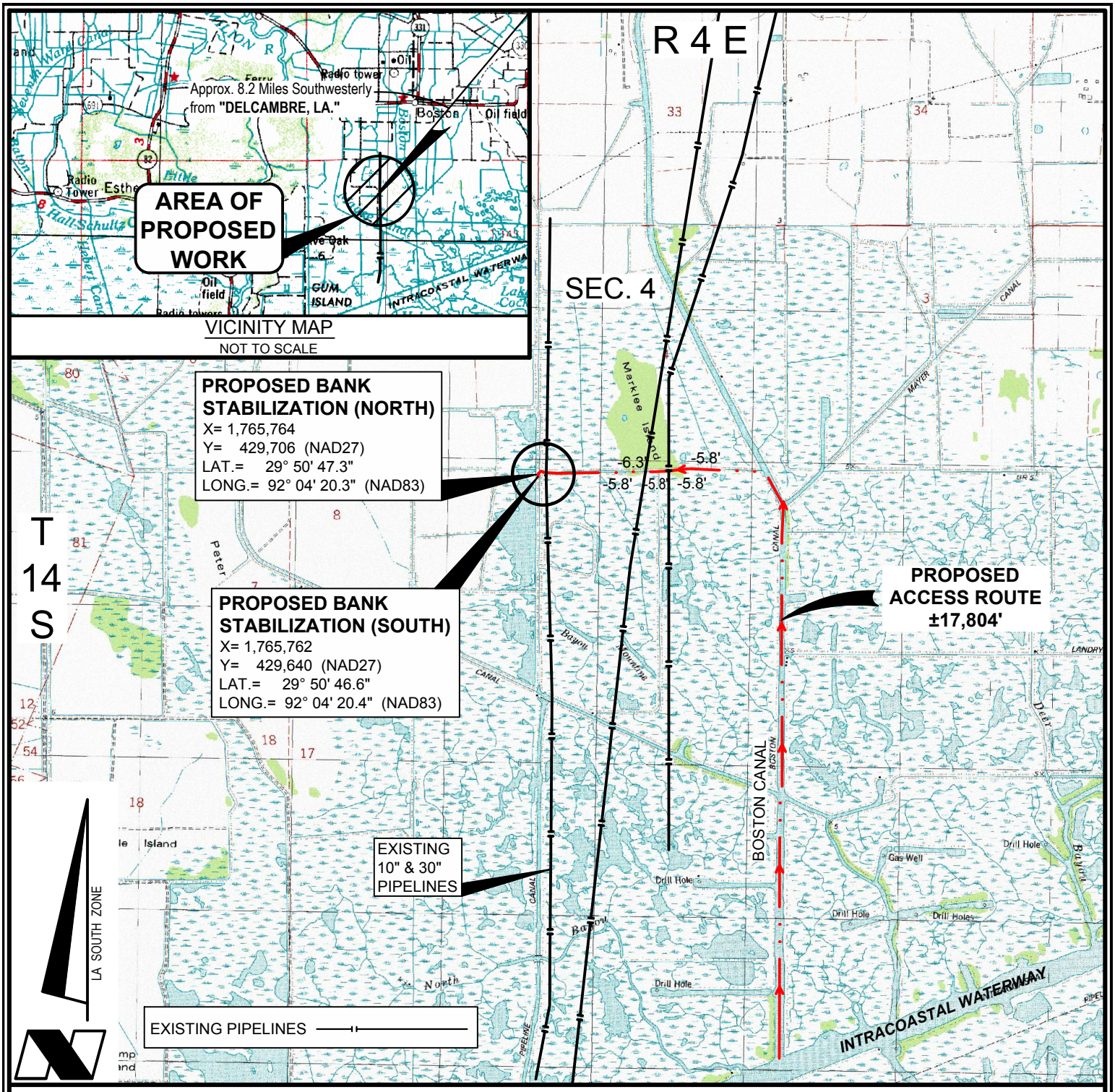
1) The total area of impact is 1.0 acre or less, with no more than 0.1 acre of vegetated wetland impacts.
2) A maximum of 1500 cubic yards of fill is utilized.
3) A maximum of 1500 cubic yards of native material is removed.

C. A channel for access to the work location may be constructed or maintenance dredged that is a maximum of 70' wide, 8' deep, and 500' long if it meets the following criteria.

1) If it is a new channel and the shoreline is disturbed, it must be off of a manmade canal, channel or slip, or in a natural waterway that has been previously channelized. New impacts to a natural shoreline are not authorized.
2) If submerged or emergent aquatic vegetation is impacted, the total impacts to vegetated wetlands cannot exceed 0.1 acres.

D. This Amended General Permit authorizes the construction of a work area, an access road of up to 100', parking area, having a total impact to vegetated wetlands of 0.1 acres or less, that is necessary to support oil and gas activities. All temporary work areas, access roads and parking areas shall be restored to pre-project condition when they are no longer needed for the authorized purpose.

1) The total area of impact is 1.0 areas or less, with no more than 0.1 acres of vegetated wetland impacts.
2) A maximum of 1500 cubic yards of fill is utilized.
3) A maximum of 1500 cubic yards of native material is removed.



NOTE:
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VICINITY MAP

3000' 0 1500' 3000'
Scale: 1" = 3000'

CHEVRON MIDSTREAM PIPELINES, LLC

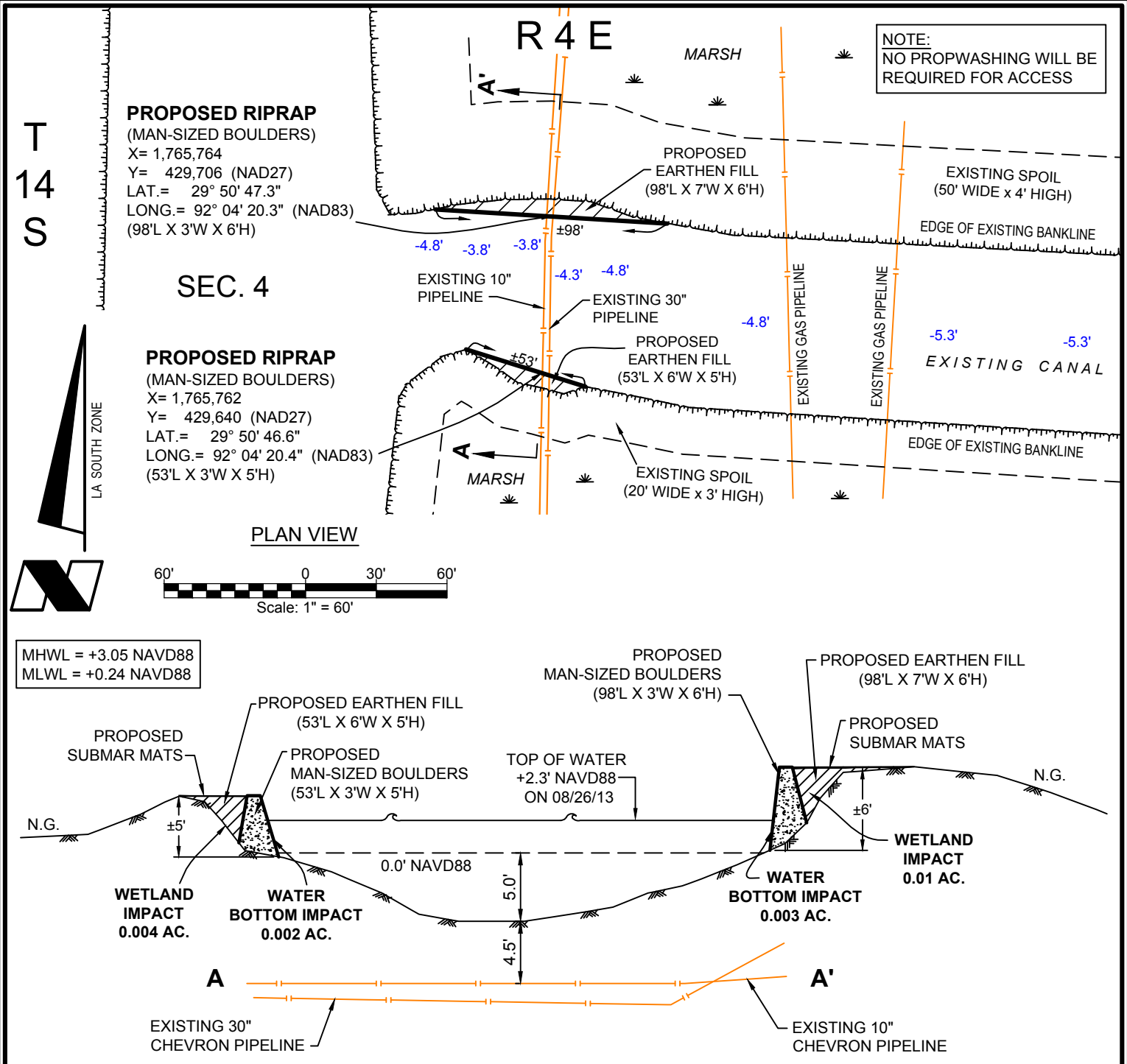
PROPOSED BANK STABILIZATION

SECTION 4, T14S-R4E

VERMILION PARISH, LOUISIANA

FENSTERMAKER
Lafayette New Orleans Houston
135 Regency Sq. Lafayette, LA 70508
Ph. 337-237-2200 Fax. 337-232-3299
www.fenstermaker.com

DRAWN BY: TPD	REVISED:	DATE: 10-15-13
PROJ. MGR.: LJB		SHEET 1 OF 4 SHEETS
FILENAME: T:\2013\2132339\DWG\CHEVRON PL COMPANY - Bank Stabilization - COE Permits.dwg		



CROSS SECTION A-A'

NOT TO SCALE

NORTHERLY

NOTE:
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CHEVRON MIDSTREAM PIPELINES, LLC

PROPOSED BANK STABILIZATION

SECTION 4, T14S-R4E

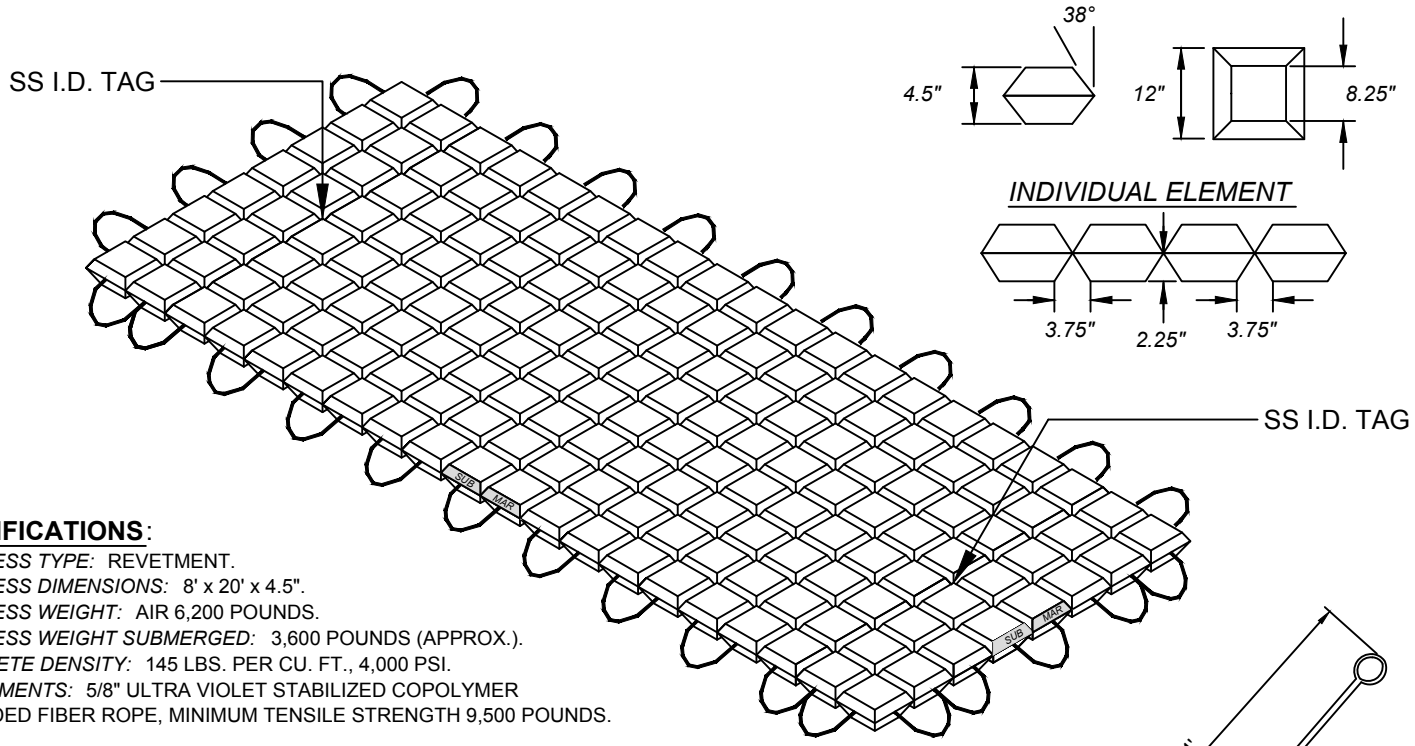
VERMILION PARISH, LOUISIANA

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FILENAME: T:\2013\2132339\DWG\CHEVRON PL COMPANY - Bank Stabilization - COE Permits.dwg		

STAINLESS STEEL (SS) I.D. TAG SPECIFICATIONS :

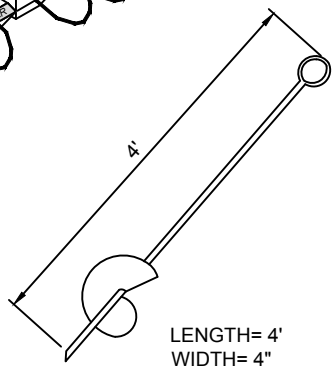
TAG SIZE: 3 1/2" x 6".
TAG MATERIAL: TYPE 304-1/16" THICK STAINLESS STEEL.
LETTER HEIGHT: 1/2" CERAMIC ETCHING.
ATTACHMENT METHOD: 1/16" 304 STAINLESS STEEL CABLE, 480LB BREAKING STRENGTH WITH TWO 304 STAINLESS STEEL CABLE U BOLTS.
QUANTITY: TWO IDENTIFICATION TAGS PER CONCRETE MAT.
ATTACHMENT LOCATION: CENTERLINE OF MAT (4'), 24" INSET FROM MAT EDGES (2' & 18').



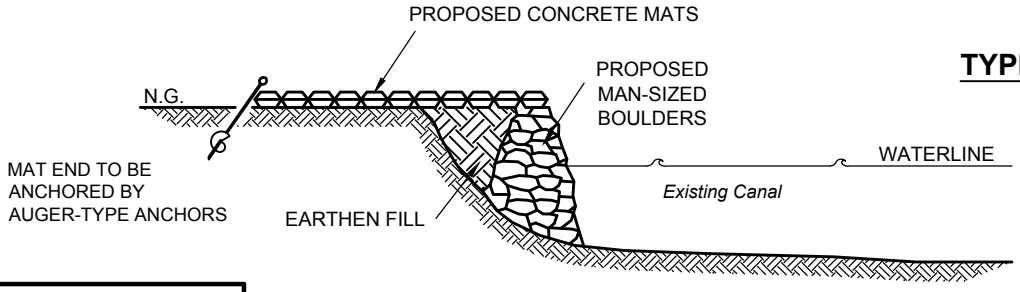
SPECIFICATIONS:

MATTRESS TYPE: REVETMENT.
MATTRESS DIMENSIONS: 8' x 20' x 4.5".
MATTRESS WEIGHT: AIR 6,200 POUNDS.
MATTRESS WEIGHT SUBMERGED: 3,600 POUNDS (APPROX.).
CONCRETE DENSITY: 145 LBS. PER CU. FT., 4,000 PSI.
160 ELEMENTS: 5/8" ULTRA VIOLET STABILIZED COPOLYMER EXTRUDED FIBER ROPE, MINIMUM TENSILE STRENGTH 9,500 POUNDS.

SUBMAR STANDARD
8' x 20' X 4.5" MAT TYPICAL
NO SCALE



TYPICAL AUGER ANCHOR
No Scale



APPROXIMATELY 66 AUGER-ANCHORS WILL BE REQUIRED

BANK STABILIZATION
No Scale

NOTE:
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CHEVRON MIDSTREAM PIPELINES, LLC

PROPOSED BANK STABILIZATION

SECTION 4, T14S-R4E

VERMILION PARISH, LOUISIANA

FENSTERMAKER
Lafayette New Orleans Houston
135 Regency Sq. Lafayette, LA 70508
Ph. 337-237-2200 Fax. 337-232-3299
www.fenstermaker.com

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EARTHEN FILL	**192 CU. YDS.**
MAN-SIZED BOULDERS	**279 CU. YDS.**
SUBMAR MATS (10)	**22 CU. YDS.**
ACREAGE FOR FILL NORTH	**0.02 AC.**
ACREAGE FOR FILL SOUTH	**0.01 AC.**
IMPACTS TO WETLANDS	**0.02 AC.**
IMPACTS TO WATERBOTTOMS	**0.01 AC.**

NOTES:

1. Earthen material for fill will be hauled in from an offsite location.

2. All structures, facilities, well and pipelines/flowlines occurring in open water areas or in oilfield canals or slips shall be removed within 120 days of abandonment of the facilities for the herein permitted use unless prior written approval to leave such structures in place is received from the Coastal Management Division. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for such removal activities.

3. 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.

4. If required, structures will also be marked/lighted in accordance with U.S. Coast Guard regulations.

5. No propwashing or dredging will be required for access.

DISCLAIMER: At this time, C.H. Fenstermaker & Associates, LLC has not performed nor was asked to perform any type of engineering, hydrological modeling, flood plain, or "No Rise" certification analyses, including but not limited to determining whether the project will impact flood hazards in connection with federal/FEMA, state, and/or local laws, ordinances and regulations. Accordingly, Fenstermaker makes no warranty or representation of any kind as to the foregoing issues, and persons or entities using this information shall do so at their own risk.

EQUIPMENT LIST:

TUG JANET 33'x14'x5'	4' DRAFT
CRANE BARGE BB3 100'x30'x5'	3' DRAFT
MATERIAL BARGE 120'x30'x7'	4' DRAFT
SPUD BARGE 110'x30'x7'	3' DRAFT WITH EXCAVATOR

NOTE:
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CHEVRON MIDSTREAM PIPELINES, LLC

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DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT

P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: **P20121454**

C.O.E. No.: **MVN- 2012- 2876- WJJ**

NAME: **VERMILION PARISH POLICE JURY**
c/o SELLERS & ASSOCIATES, INC.
148-B EASY STREET
LAFAYETTE, LA 70506
Attn: T.J. Savoy

LOCATION: **Vermilion Parish, LA**
P.O.B. @ Lat. 29º 32' 28"N, Long. 92º 15' 05"W; P.O.E. @ Lat. 29º 33' 08"N, Long. 92º 13' 51"W; Sec. 15, T17S-R02E; Gulf of Mexico at Tiger Point

DESCRIPTION: Installation of segmented oyster reef breakwaters, approx. 7,700' in total length, along the shoreline adjacent to Tiger Point for the purpose of erosion reduction/marsh creation in the area. Approx. 3,550 cu. yds. of precast concrete oyster reef structures will be installed in segments within the proposed project area.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, and/or operate the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Office of Coastal Management of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Office of Coastal Management by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two years from the date of the signature of the Secretary or his designee. If the coastal use is not initiated within this two year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for the purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith, and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

a. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

b. That a Class B permit is received from the Division of Administration, State Land Office prior to the initiation of construction.

c. This permit specifically does not authorize propwashing for access. Permittee shall access the site at high tide only and all vessels utilized under this permit shall be of such size and loaded in such a manner as to not impact the water bottoms over which they pass.

The permittee must provide notification to OCM within 5 days of both project commencement and project completion. Project completion notification shall include both ingress and egress documentation. This documentation should include, but not be limited to date(s) of travel, captain's logs for the entire time of the trip, nearby tide level gauge readings for the duration of the trip, fully loaded vessel drafts at the time of the trip, water bottom elevations, water depth, etc.

d. The La. Dept. of Wildlife & Fisheries (LDWF) has reviewed the referenced project and has provided the following recommendations:

Should these structures fall into a state of disrepair such that they can no longer function as intended, the applicant shall take the necessary measures to ensure there is no hazard to navigation and recreational users.

The piping plover (Charadrius melodus) may occur within one mile of the project area. This species is federally listed as threatened with its critical habitat designated along the Louisiana coast. Piping plovers winter in Louisiana feeding at intertidal beaches, mudflats, and sand flats with sparse emergent vegetation. Primary threats to this species are destruction and degradation of winter habitat, habitat alteration through shoreline erosion, woody species encroachment of lake shorelines and riverbanks, and human disturbance of foraging birds. For more information on piping plover critical habitat, visit the U.S. Fish and Wildlife website: http://endangered.fws.gov.

The Louisiana Natural Heritage Program (LNHP) reports summarize the existing information known at the time of the request regarding the location in question. LNHP 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 LNHP tracked species are encountered within the project area, please contact our biologist at (225) 765-2643.

e. Structures must be marked/lighted in accordance with U. S. Coast Guard regulations.

f. That permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary treatment (30 mg/l BOD5) with disinfection prior to discharge into any of the streams or adjacent waters of the area or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.

g. All structures built under the authorization and conditions of this permit shall be removed from the site within 120 days of abandonment of the facilities for the herein permitted use, or when these structures fall into a state of disrepair such that they can no longer function as intended. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for such removal activities.

h. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

i. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.

j. Permittee shall allow representatives of the Office of Coastal Management or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.

k. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.

l. This permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D.). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

The expiration date of this permit is five (5) years from the date of the signature of the Secretary or his designee.

Upon expiration of this permit, a new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

********** End of Conditions **********

By accepting this permit the applicant agrees to its terms and conditions.

I affix my signature and issue this permit this 30th day of January, 2013.

THE DEPARTMENT OF NATURAL RESOURCES

Karl L Morgan

Karl L. Morgan, Administrator
Office of Coastal Management

This agreement becomes binding when signed by Administrator of
the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

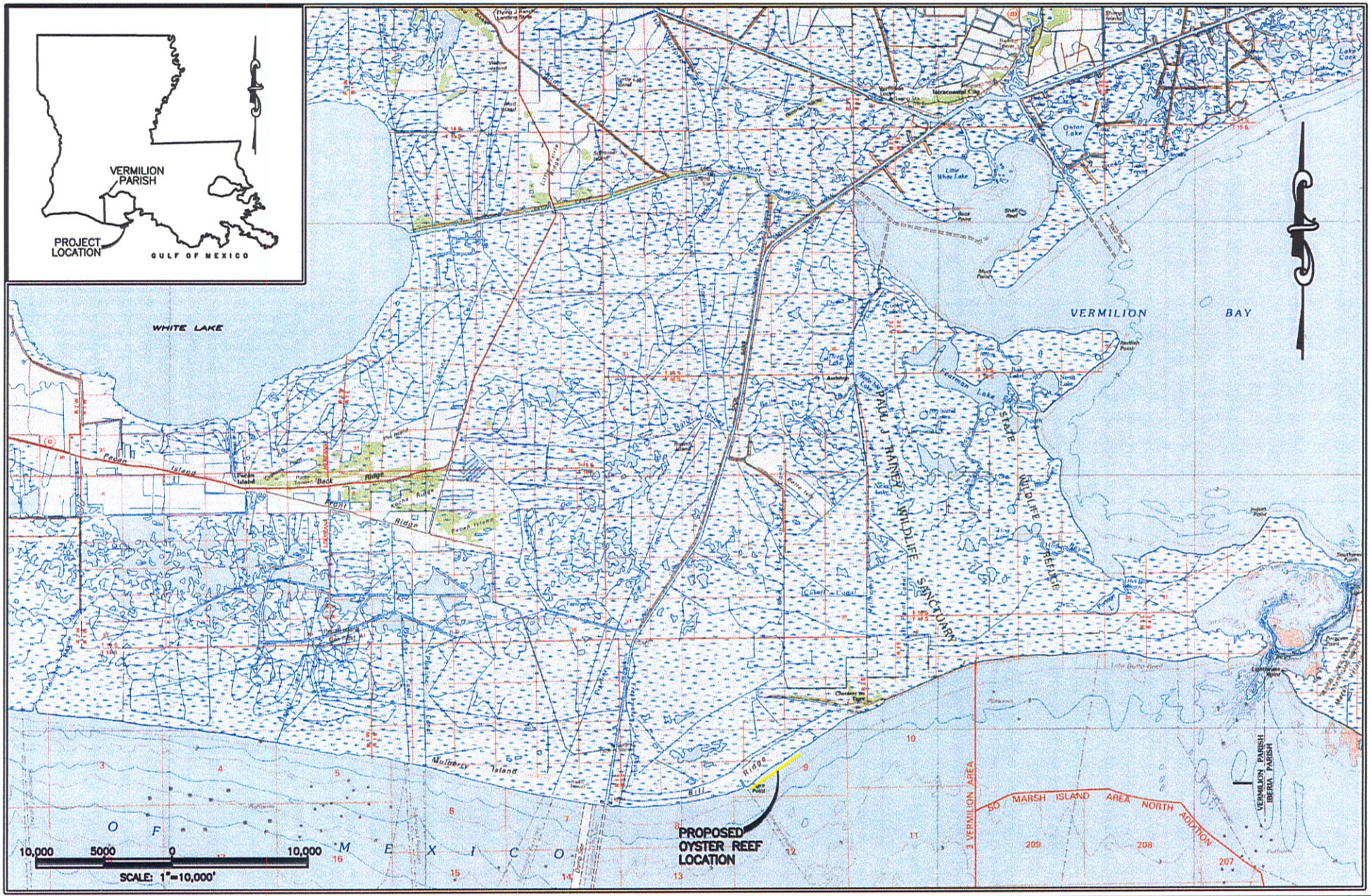
Attachments

Final Plats:

1) P20121454 Final Plats 01/23/2013

cc: Martin Mayer, COE w/attachments
Dave Butler, LDWF w/attachments
Stephen Broussard, LED w/attachments
Clay Carter, State Land w/attachments
Jessica Diez, OCM w/attachments
Charlie Mestayer, OCM/FI w/attachments

VERMILION PARISH POLICE JURY w/attachments



APPLICATION BY:

VERMILION PARISH POLICE JURY
100 N. STATE STREET, SUITE 200
ABBEVILLE, LA 70510

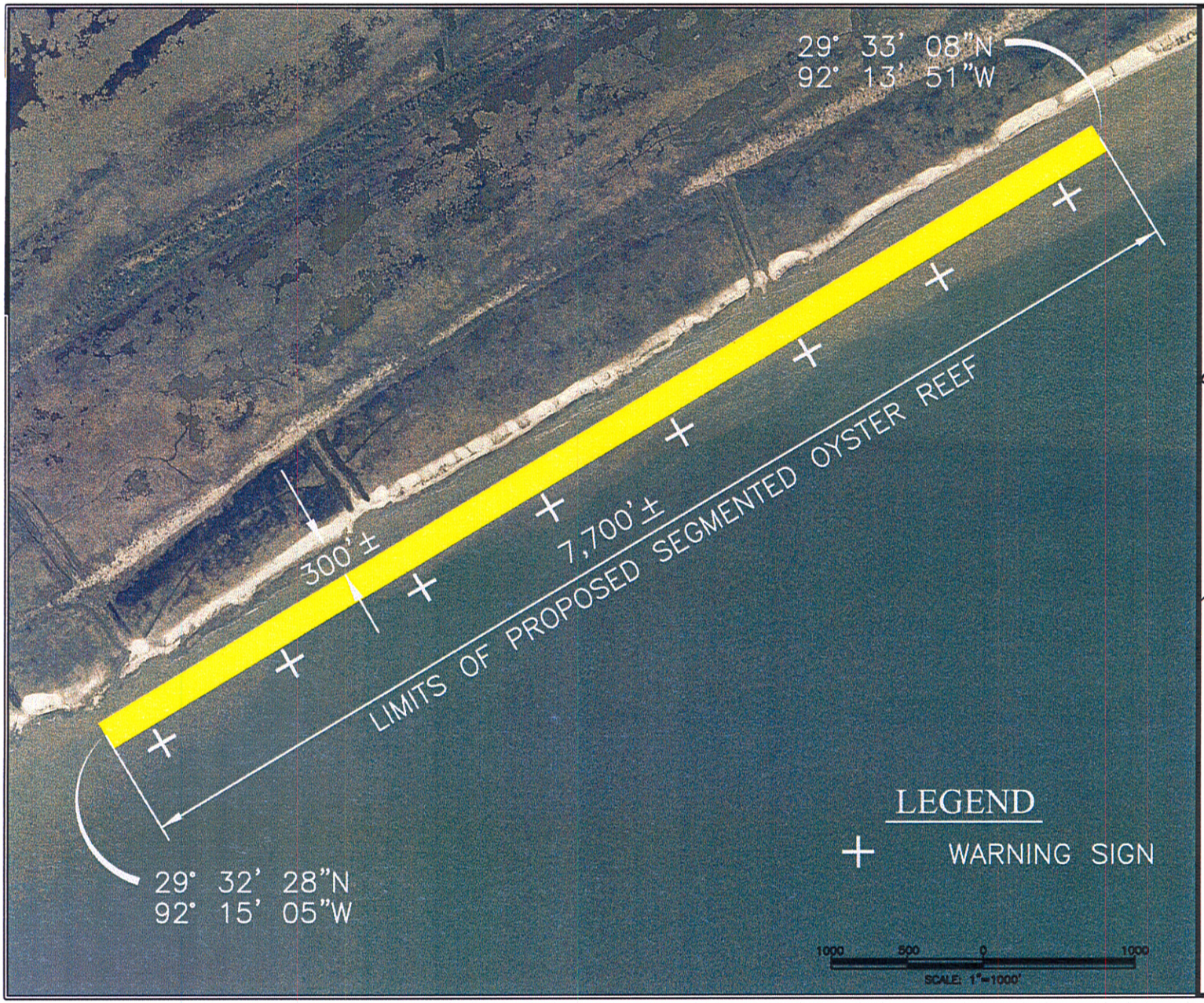
Sellers & Associates, Inc.
ENGINEERS — Lafayette – Abbeville
SURVEYORS — Louisiana

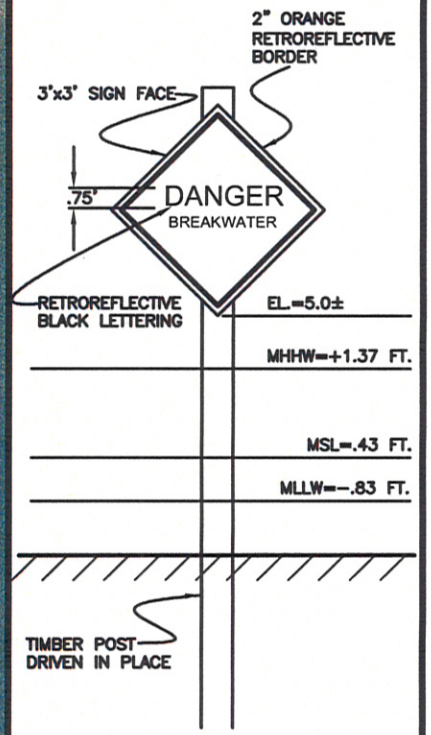
SHORELINE PROTECTION AND
MARSH CREATION AT TIGER POINT
CIAP PROJECT
VERMILION PARISH, LOUISIANA

VICINITY MAP

DRAWN BY: T.C.	DESIGNED BY: T.J.S.	APPROVED BY: T.J.S.	S/A PROJECT NUMBER: 7456-42	DATE: 10/23/12
			FEDERAL PROJECT NUMBER: F12AF70192	SHEET 1 OF 4

JOB: 7456-42





WARNING SIGN DETAIL

NOTE:
ALL ELEVATIONS ARE NAVD 88

APPLICATION BY:

VERMILION PARISH POLICE JURY
100 N. STATE STREET, SUITE 200
ABBEVILLE, LA 70510

Sellers & Associates, Inc.
ENGINEERS Lafayette – Abbeville
SURVEYORS Louisiana

SHORELINE PROTECTION AND MARSH CREATION AT TIGER POINT
CIAP PROJECT
VERMILION PARISH, LOUISIANA

PLAN VIEW & WARNING SIGN DETAIL

S/A PROJECT NUMBER: 7456-42

DATE: 10/24/12

DRAWN BY: J.F.F.

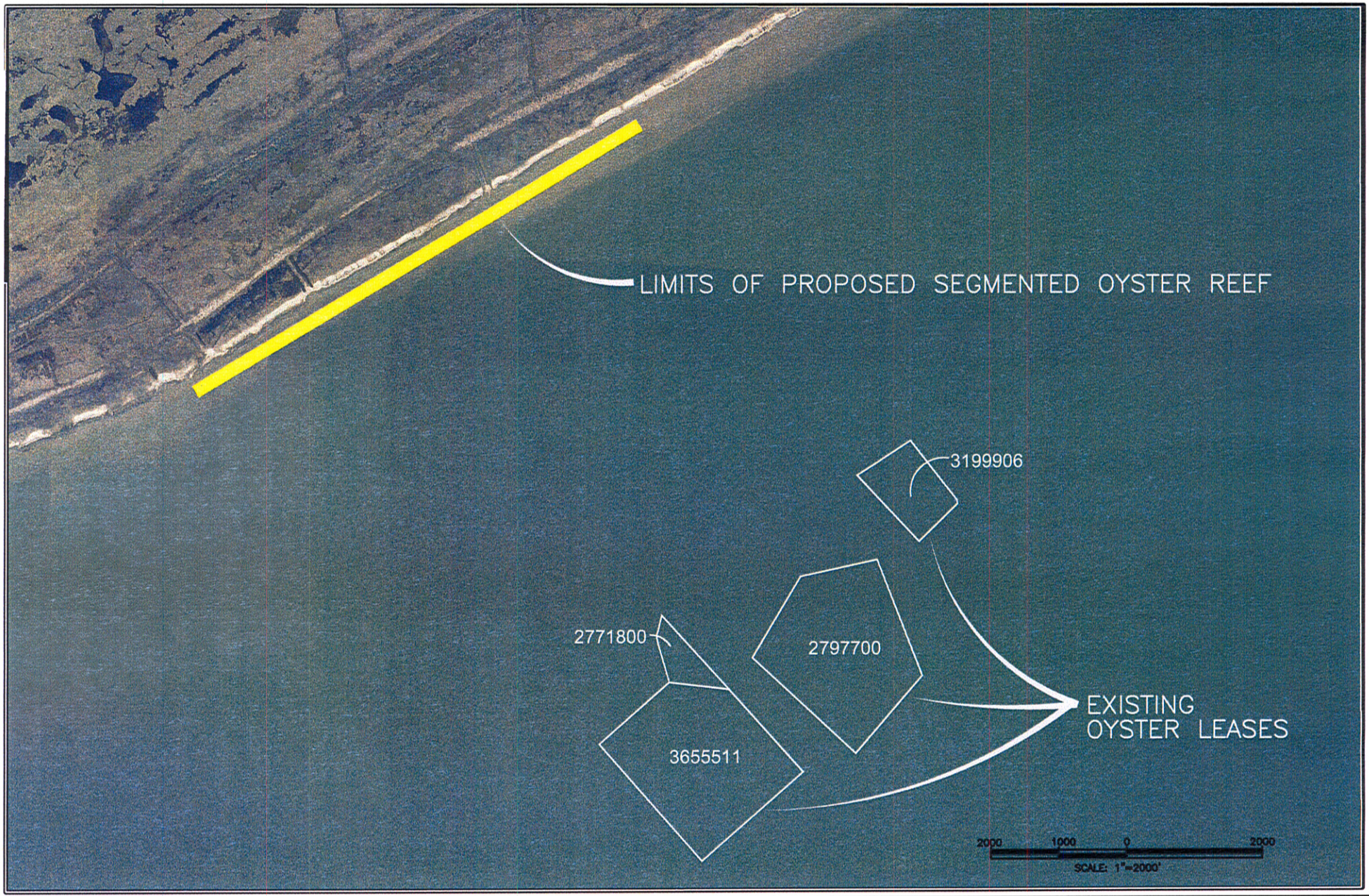
DESIGNED BY: T.J.S.

APPROVED BY: T.J.S.

FEDERAL PROJECT NUMBER: F12AF70192

SHEET 2 OF 4

JOB: 7456-42



APPLICATION BY:

VERMILION PARISH POLICE JURY
100 N. STATE STREET, SUITE 200
ABBEVILLE, LA 70510

Sellers & Associates, Inc.
ENGINEERS — SURVEYORS
Lafayette – Abbeville — Louisiana

SHORELINE PROTECTION AND
MARSH CREATION AT TIGER POINT
CIAP PROJECT
VERMILION PARISH, LOUISIANA

MAP SHOWING
EXISTING OYSTER
LEASES

S/A PROJECT NUMBER: 7456-42

DATE: 10/24/12

DRAWN BY: J.F.F.

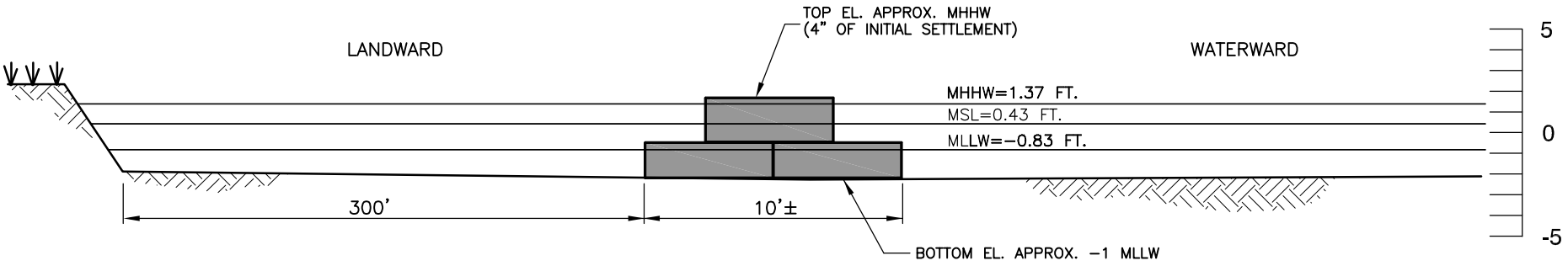
DESIGNED BY: T.J.S.

APPROVED BY: T.J.S.

FEDERAL PROJECT NUMBER: F12AF70192

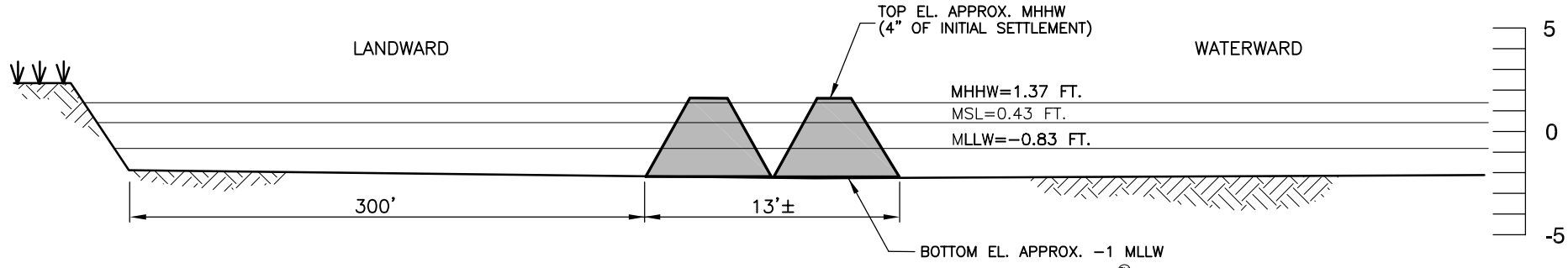
SHEET 3 OF 4

JOB: 7456-42



TYPICAL CROSS SECTION OYSTER BREAK™

N.T.S.



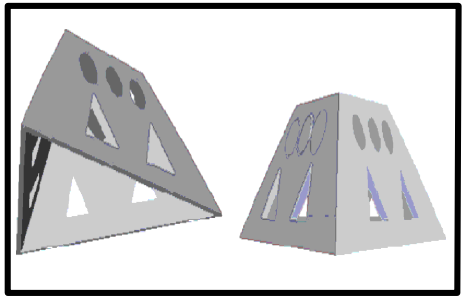
TYPICAL CROSS SECTION COASTAL HAVEN™

N.T.S.

NOTE:
ALL ELEVATIONS ARE NAVD 88

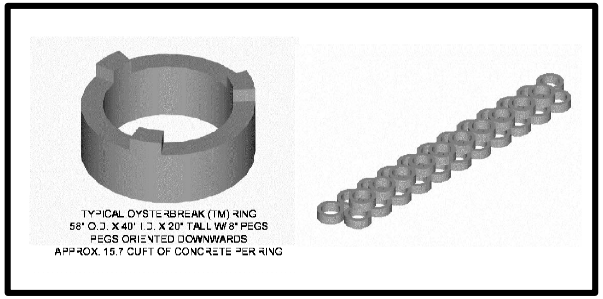
NOTES:

1. INSTALLATION OF THE OYSTER REEF WILL BE ACCOMPLISHED USING OYSTER BREAK™ UNITS AND/OR COASTAL HAVEN™ UNITS IN SEGMENTS WITHIN THE PERMITTED AREA.
2. NO ACCESS DREDGING WILL BE REQUIRED.
3. APPROXIMATELY 0.85 ACRE OF NON-VEGETATED WATER BOTTOM TO BE CONVERTED TO ELEVATED SEGMENTED OYSTER REEFS.



COASTAL HAVEN™ ISOMETRIC & PLAN DETAIL

N.T.S.



OYSTER REEF™ ISOMETRIC DETAIL

N.T.S.

APPLICATION BY: VERMILION PARISH POLICE JURY 100 N. STATE STREET, SUITE 200 ABBEVILLE, LA 70510	Sellers & Associates, Inc. ENGINEERS Lafayette – Abbeville SURVEYORS Louisiana		SHORELINE PROTECTION AND MARSH CREATION AT TIGER POINT CIAP PROJECT VERMILION PARISH, LOUISIANA	TYPICAL CROSS SECTIONS
			S/A PROJECT NUMBER: 7456-42	DATE: 10/23/12
DRAWN BY: J.F.F.	DESIGNED BY: T.J.S.	APPROVED BY: T.J.S.	FEDERAL PROJECT NUMBER: F12AF70192	SHEET 4 OF 4

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT

P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: **P20101450**

C.O.E. No.: **MVN 2010- 2814 WB**

NAME: **VERMILION PARISH POLICE JURY**
c/o SELLERS & ASSOCIATES, INC.
148-B EASY STREET
LAFAYETTE, LA 70506
Attn: T.J. Savoy

LOCATION: **Vermilion Parish, LA**
P.O.B @ Lat. 29º 34' 00"N, Long. 92º 11' 58"W; P.O.E @ Lat. 29º 34' 22"N, Long. 92º 11' 02"W; Section 10, T17S-R3E; Cheniere Au Tigre; Gulf of Mexico.

DESCRIPTION: Installation of an artificial oyster reef parallel to the shoreline. The reef will be positioned approximately 500-feet from the shoreline and will run parallel to the coastline for a length of approximately one mile. Approximately 4,700 cu. yds. of concrete will be required for construction activities. Signs will be placed around the reef to warn of submerged obstructions. No excavation or additional fill will be required.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, and/or operate the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Office of Coastal Management of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Office of Coastal Management by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee on the original permit which was April 8, 2011. If the coastal use is not initiated within this two (2) year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for the purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith, and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

a. The water bottom shall not be disturbed during access to the proposed work location, or by the authorized activities whether it be by dredging, wheel washing, propwashing, jetting, mucking, plowing, bull dozing or any other means of moving bottom material. Powered vessels shall be operated so as not to disturb the water bottom by propeller or jet action.

b. That permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary

treatment (30 mg/l BOD5) with disinfection prior to discharge into any of the streams or adjacent waters of the area or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.

c. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

d. As-built drawings shall be submitted within 30 days of completion of this project to the Louisiana Department of Natural Resources, Office of Coastal Management, PO Box 44487, Baton Rouge, LA 70804-4487.

e. Structures must be marked/lighted in accordance with U. S. Coast Guard regulations.

f. Applicant shall not discharge any drilling and/or workover effluent except for flocculated filtered water.

Applicant shall not discharge any human waste which does not meet or exceed the requirements of the Department of Health and Hospitals.

Applicant shall not discharge any produced waters.

Applicant is subject to all applicable state laws related to damages which are demonstrated to have been caused by this proposed action.

Applicant shall use any dredged material beneficially to create/restore emergent wetlands or place the material in open water in such a manner not to decrease the water depth greater than six inches.

Applicant shall provide to the LDWF a water bottom assessment (unless waived by LDWF) that meets LDWF protocol prior to commencement of the activity. A waiver request must be submitted to LDWF in writing and must state the justification for the request. Applicant may, at the request of LDWF and prior written approval of OCM, be required to modify the project if the proposed location unnecessarily impacts oyster reefs.

g. Submerged obstruction warning signs must be maintained throughout the life of the oyster reefs.

h. The piping plover (Charadrius melodus) may occur within one mile of the project area. This species is federally listed as threatened with its critical habitat designated along the Louisiana coast. Piping plovers winter in Louisiana feeding at intertidal beaches, mudflats, and sand flats with sparse emergent vegetation. Primary threats to this species are destruction and degradation of winter habitat, habitat alteration through shoreline erosion, woody species encroachment of lake shorelines and riverbanks, and human disturbance of foraging birds. For more information on piping plover critical habitat, visit the U.S. Fish and Wildlife website: http://endangered.fws.gov.

No other 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 Louisiana Natural Heritage Program (LNHP) reports summarize the existing information known at the time of the request regarding the location in question. LNHP 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 LNHP tracked species are encountered within the project area, please contact our biologist at 225-765-2643.

i. The applicant shall take measures to insure that the proposed structure remains intact and functions as proposed. Should the structure fall into a state of disrepair and no longer function as intended, it shall be removed from the site. An amendment to the permit or a new CUP may be required for maintenance or removal.

j. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

k. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.

l. Permittee shall allow representatives of the Office of Coastal Management or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.

m. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.

n. This permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee on the original permit which was April 8, 2011. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D.). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

The expiration date of this permit is five (5) years from the date of the signature of the Secretary or his designee on the original permit which was April 8, 2011.

Upon expiration of this permit, a new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

********** End of Conditions **********

By accepting this permit the applicant agrees to its terms and conditions.

I affix my signature and issue this permit this 8th day of April, 2011.

THE DEPARTMENT OF NATURAL RESOURCES

Karl L. Morgan, Acting Administrator
Office of Coastal Management

This agreement becomes binding when signed by Administrator of
the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

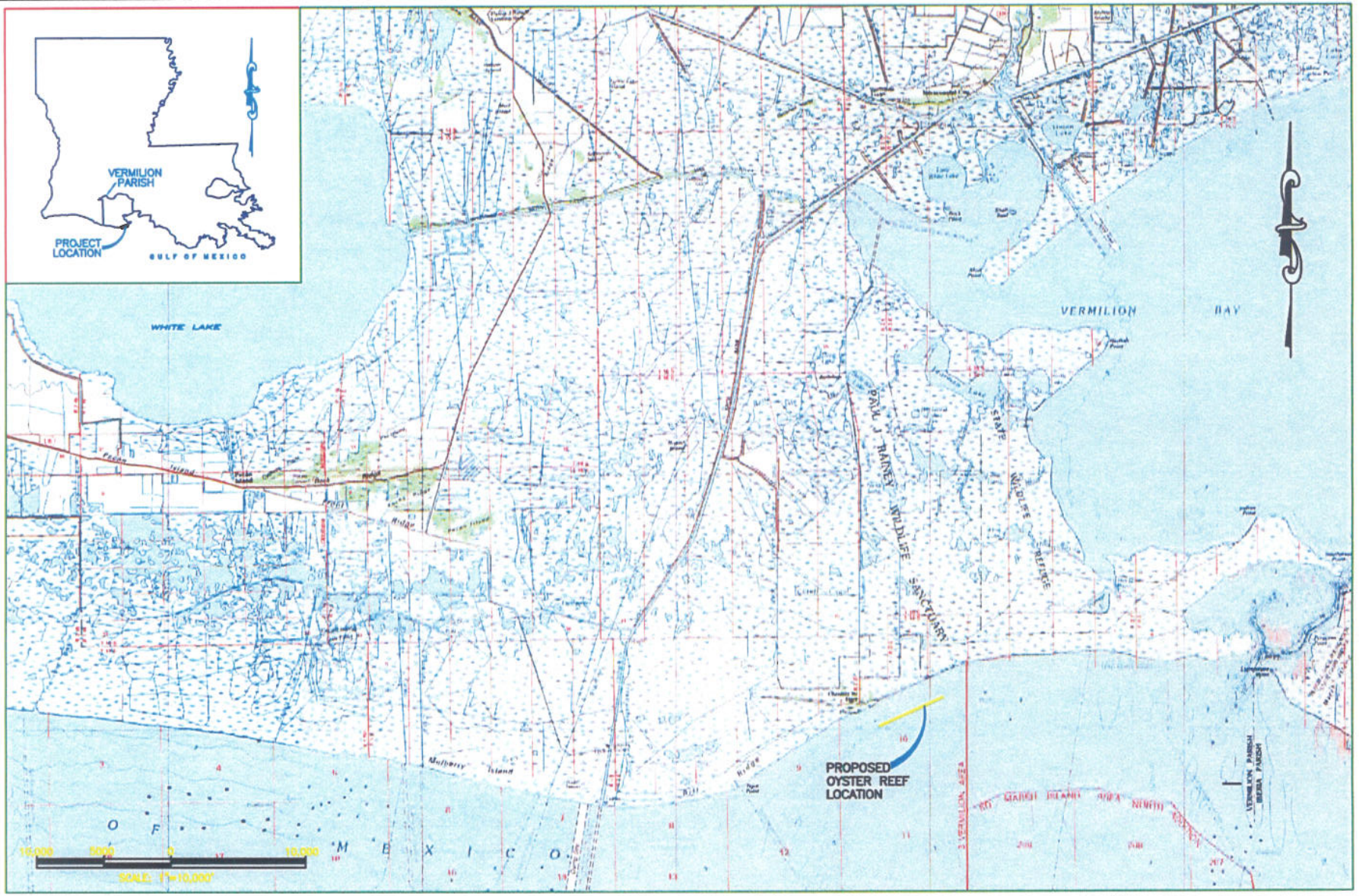
Attachments

Final Plats:

1) P20101450 Final Plats 11/22/2010

cc: Pete Serio, COE w/attachments
Dave Butler, LDWF w/attachments
Peggy Rooney, OCM w/attachments
Charlie Mestayer, OCM/FI w/attachments

VERMILION PARISH POLICE JURY w/attachments



APPLICATION BY:

VERMILION PARISH POLICE JURY
100 N. STATE STREET, SUITE 200
ABBEVILLE, LA 70510

Sellers & Associates, Inc.
ENGINEERS SURVEYORS PLANNERS
Lafayette – Abbeville Louisiana

OYSTER REEF PARALLEL TO THE COASTLINE OF CHENIERE AU TIGRE
CIAP PROJECT
VERMILION PARISH, LOUISIANA

VICINITY MAP

STATE PROJECT NUMBER: n/a

DATE: 10/25/10

DRAWN BY: T.C.

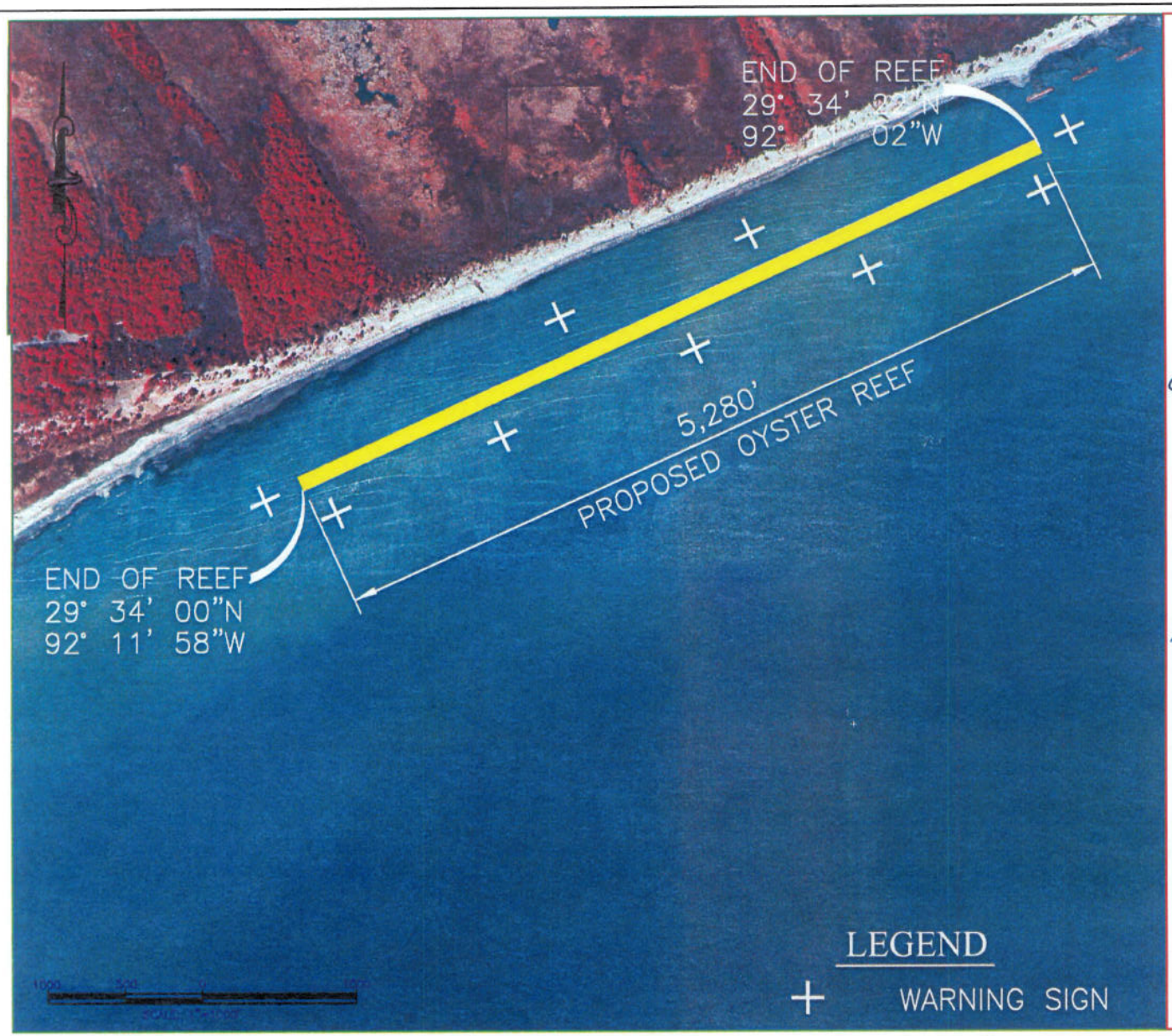
DESIGNED BY: A.S.J.

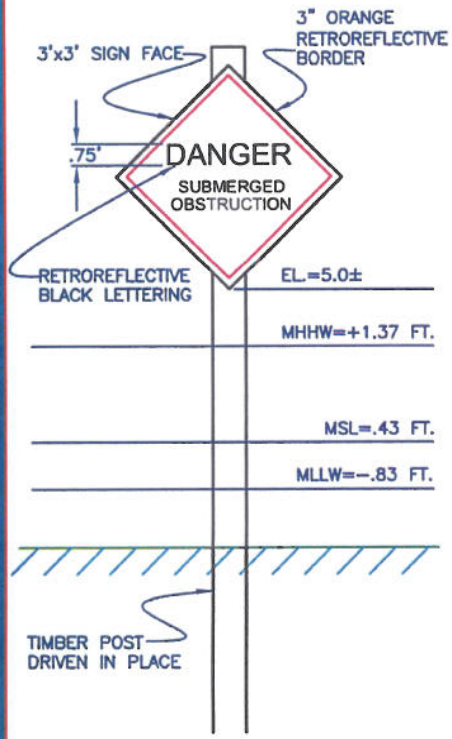
APPROVED BY: A.S.J.

FEDERAL PROJECT NUMBER: MO9AF15308

SHEET 1 OF 4

JOB: 7455-28



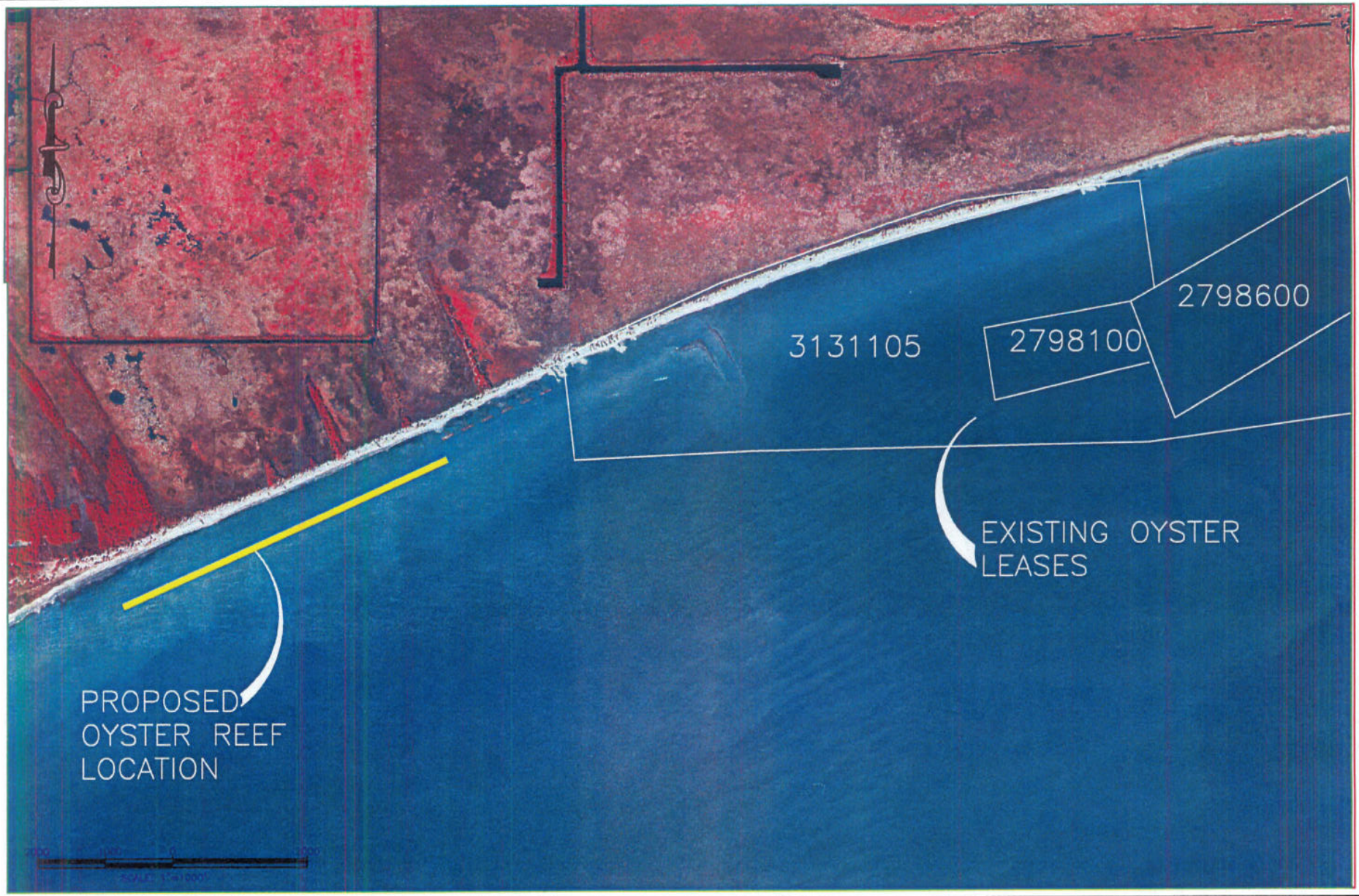


TEMPORARY WARNING SIGN DETAIL

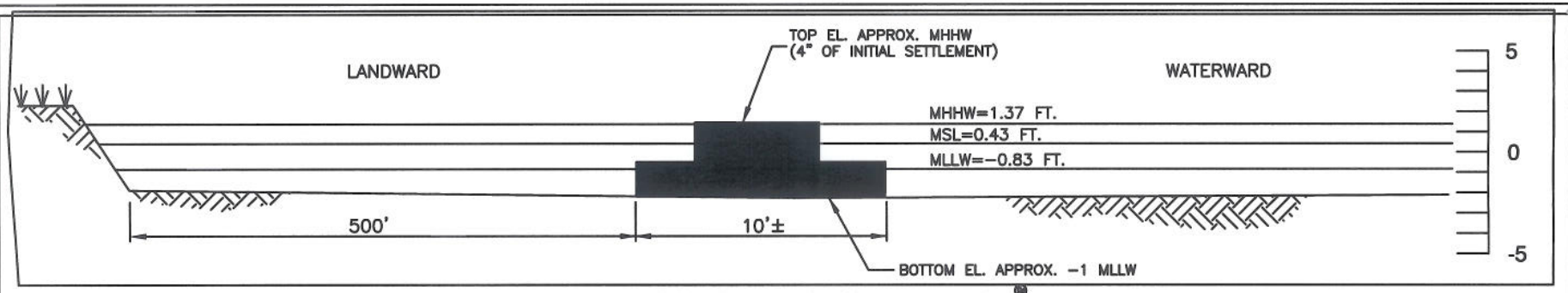
NOTE:
ALL ELEVATIONS ARE NAVD 88

APPLICATION BY: VERMILION PARISH POLICE JURY 100 N. STATE STREET, SUITE 200 ABBEVILLE, LA 70510	Sellers & Associates, Inc. ENGINEERS SURVEYORS PLANNERS Lafayette – Abbeville Louisiana		OYSTER REEF PARALLEL TO THE COASTLINE OF CHENIERE AU TIGRE CIAP PROJECT VERMILION PARISH, LOUISIANA	PLAN VIEW & WARNING SIGN DETAIL
			STATE PROJECT NUMBER: n/a	DATE: 10/25/10
DRAWN BY: T.C.	DESIGNED BY: A.S.J.	APPROVED BY: A.S.J.	FEDERAL PROJECT NUMBER: MO9AF15308	SHEET 2 OF 4

JOB: 7456-28

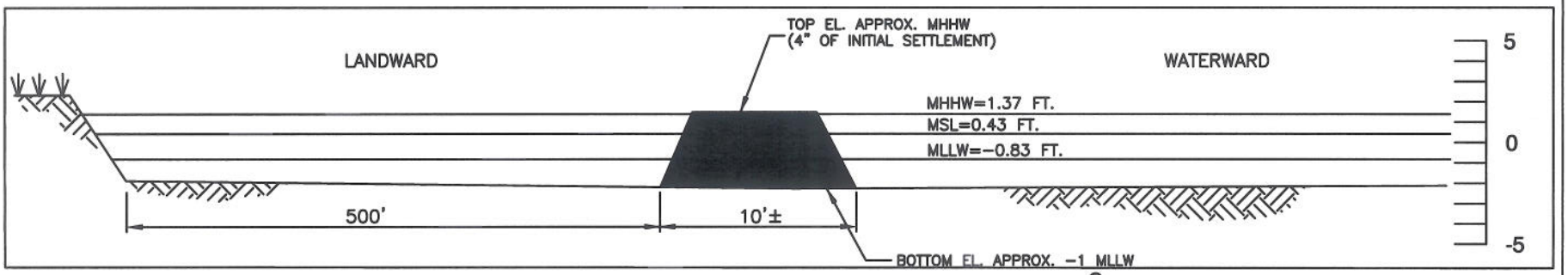


APPLICATION BY: VERMILION PARISH POLICE JURY 100 N. STATE STREET, SUITE 200 ABBEVILLE, LA 70510	Sellers & Associates, Inc. ENGINEERS SURVEYORS PLANNERS Lafayette – Abbeville Louisiana		OYSTER REEF PARALLEL TO THE COASTLINE OF CHENIERE AU TIGRE CIAP PROJECT VERMILION PARISH, LOUISIANA	MAP SHOWING EXISTING OYSTER LEASES
			STATE PROJECT NUMBER: n/a	DATE: 10/25/10
DRAWN BY: T.C.	DESIGNED BY: A.S.J.	APPROVED BY: A.S.J.	FEDERAL PROJECT NUMBER: MO9AF15308	SHEET 3 OF 4



TYPICAL CROSS SECTION OYSTER BREAK®

N.T.S.



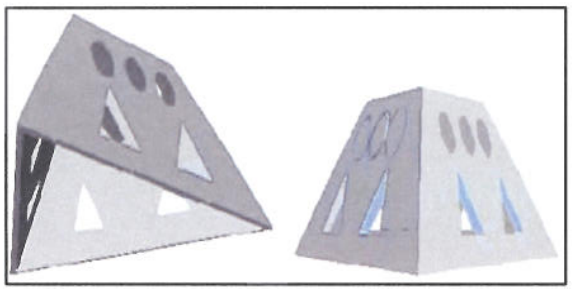
TYPICAL CROSS SECTION COASTAL HAVEN®

N.T.S.

NOTE:
ALL ELEVATIONS ARE NAVD 88

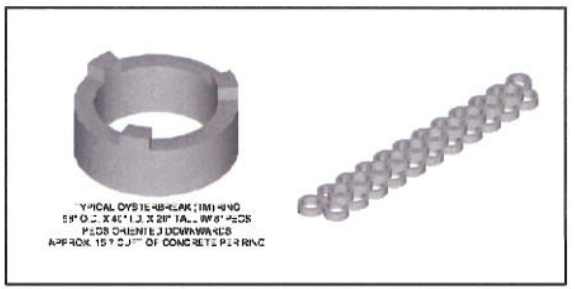
NOTES:

1. INSTALLATION OF THE OYSTER REEF WILL BE ACCOMPLISHED USING OYSTER BREAK® UNITS AND/OR COASTAL HAVEN® UNITS.
2. NO ACCESS DREDGING WILL BE REQUIRED.
3. APPROXIMATELY 1.2 ACRES OF NON-VEGETATED WATER BOTTOM TO BE CONVERTED TO ELEVATED OYSTER REEF.



COASTAL HAVEN® ISOMETRIC DETAIL

N.T.S.



OYSTER REEF® ISOMETRIC DETAIL

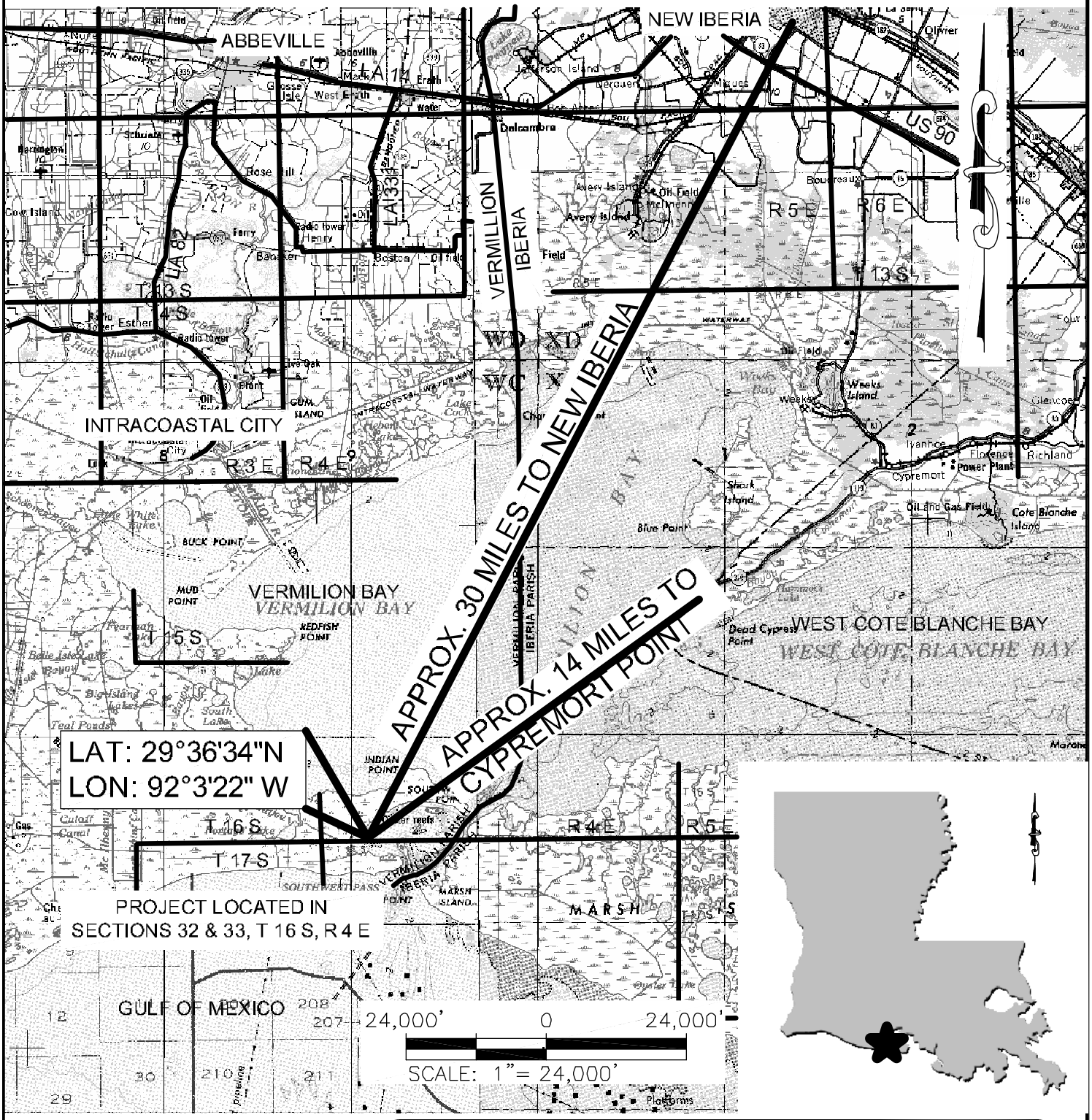
N.T.S.

APPLICATION BY: VERMILION PARISH POLICE JURY 100 N. STATE STREET, SUITE 200 ABBEVILLE, LA 70510	Sellers & Associates, Inc. ENGINEERS SURVEYORS PLANNERS Lafayette – Abbeville Louisiana		OYSTER REEF PARALLEL TO THE COASTLINE OF CHENIERE AU TIGRE CIAP PROJECT VERMILION PARISH, LOUISIANA	TYPICAL CROSS SECTIONS
			STATE PROJECT NUMBER: n/a	DATE: 10/25/10
DRAWN BY: T.C.	DESIGNED BY: A.S.J.	APPROVED BY: A.S.J.	FEDERAL PROJECT NUMBER: MO9AF15308	SHEET 4 OF 4

SHEET 1/11

MODIFICATION TO P20090622

VICINITY MAP



ORA TECHNOLOGIES

CLIENT: THE NATURE CONSERVANCY - SW PASS PHASE II		
SCALE: NTS	DATE: 12/01/10	DRAWN BY: TRO
FILE NAME: C:\...\.SW Pass project\TNC PHASE II PERMIT DWGS.DWG		

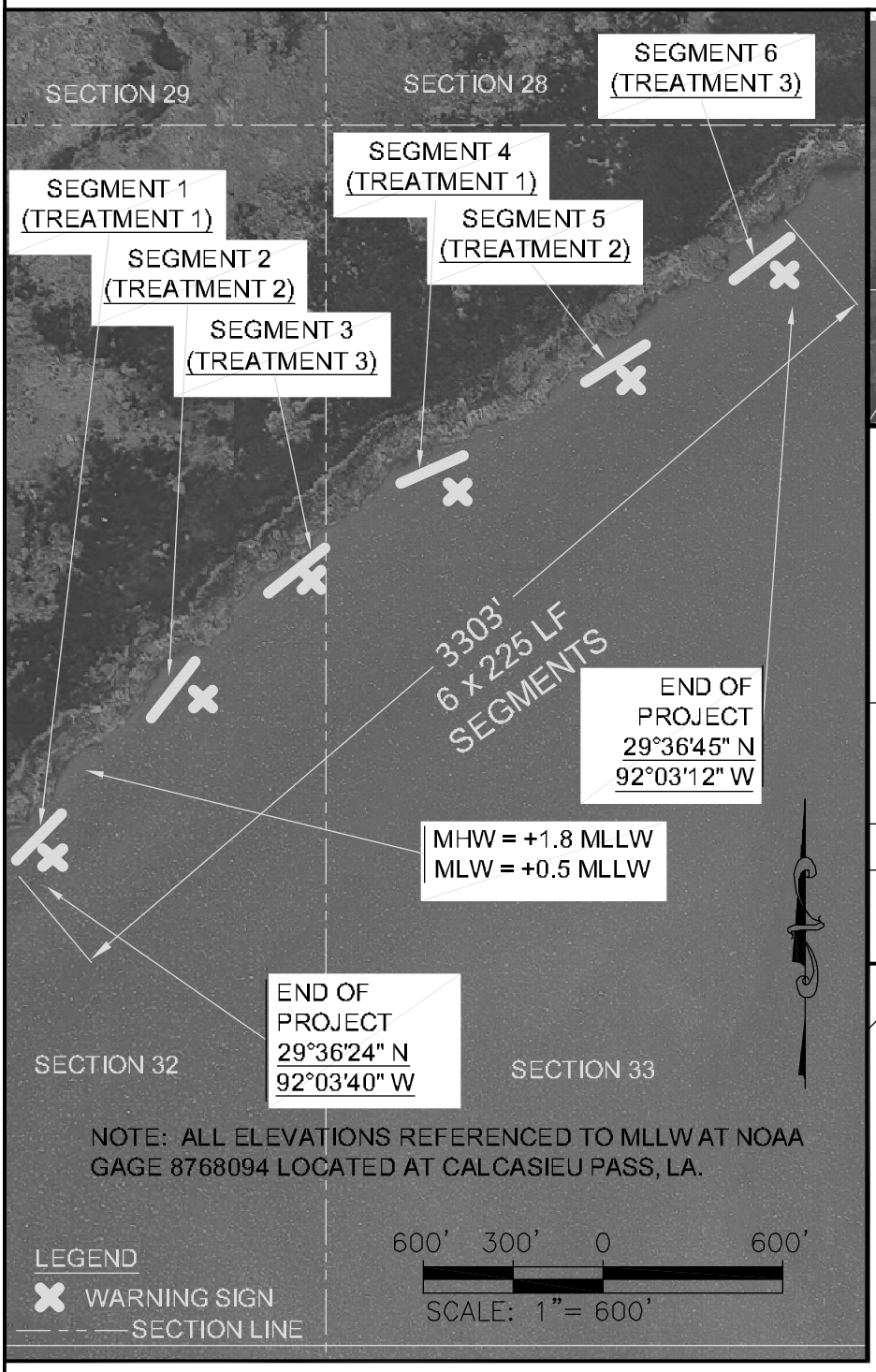
CONTACT US @ (225) 229-2539, OR EMAIL TYLER@ORATECHNOLOGIES.COM.

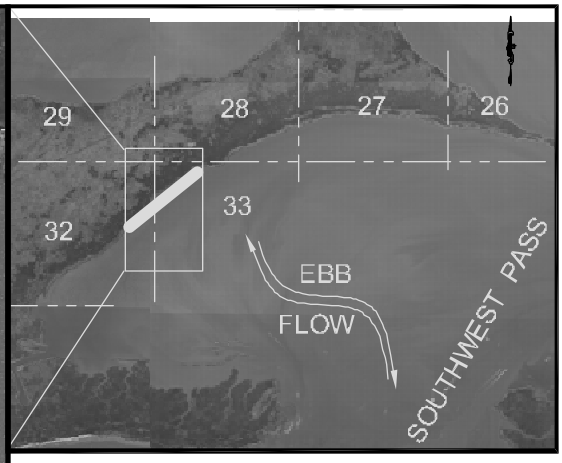
SHEET 2/11

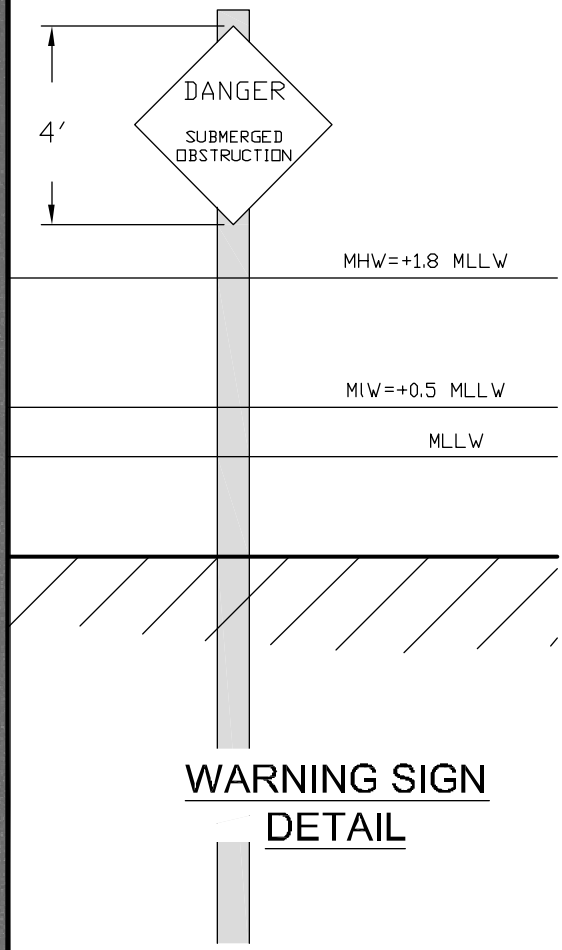
MODIFICATION TO P20090622

PLAN VIEW

& WARNING SIGN DETAIL







WARNING SIGN DETAIL

ORA TECHNOLOGIES

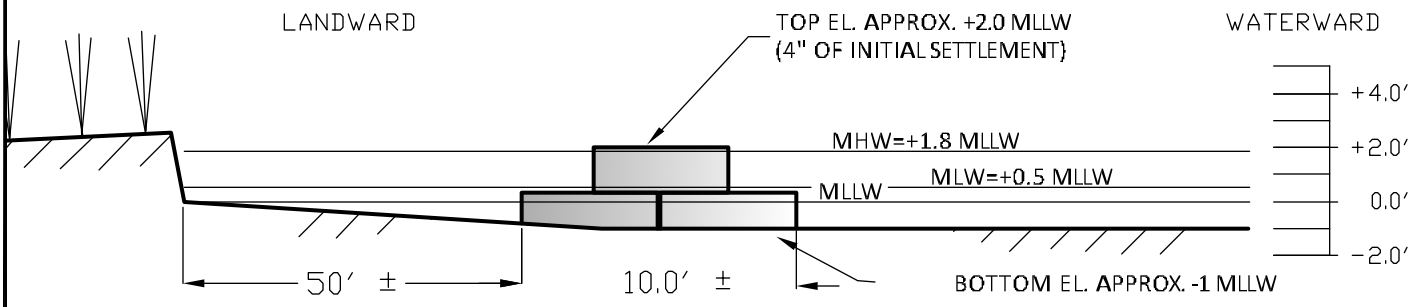
CLIENT: THE NATURE CONSERVANCY - SW PASS PHASE II		
SCALE: NTS	DATE: 12/01/10	DRAWN BY: TRO
FILE NAME: C:\...\.SW Pass project\TNC PHASE II PERMIT DWGS.DWG		

CONTACT US @ (225) 229-2539, OR EMAIL TYLER@ORATECHNOLOGIES.COM.

SHEET 3/11

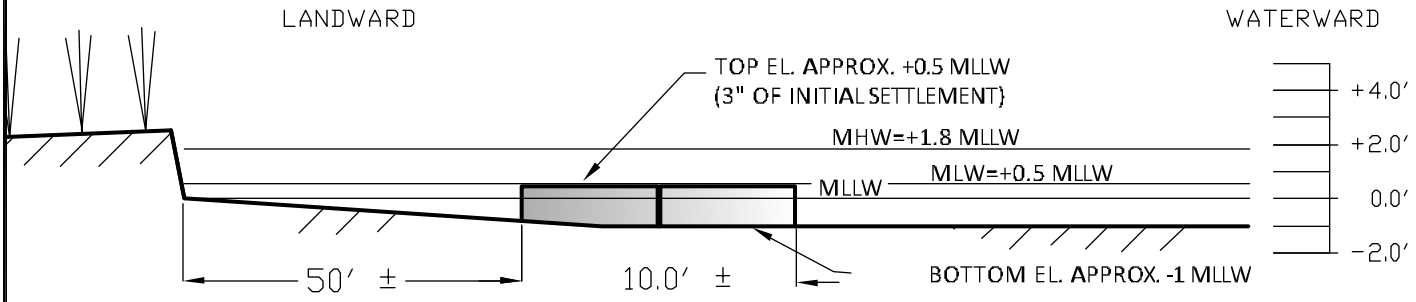
MODIFICATION TO P20090622

TYPICAL SECTIONS



TYPICAL CROSS SECTION - TREATMENTS 2 & 3

HORIZONTAL SCALE: NTS



TYPICAL CROSS SECTION - TREATMENT 1

HORIZONTAL SCALE: NTS

NOTE: ALL ELEVATIONS REFERENCED TO MLLW AT NOAA GAGE 8768094 LOCATED AT CALCASIEU PASS, LA.

ORA TECHNOLOGIES

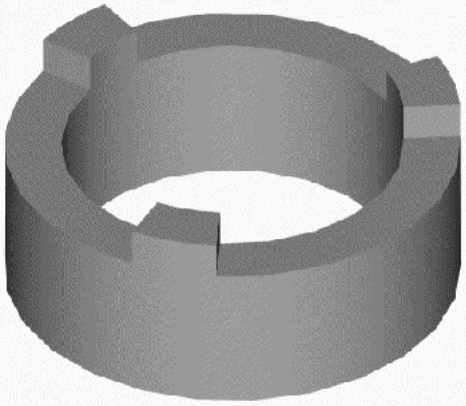
CLIENT: THE NATURE CONSERVANCY - SW PASS PHASE II		
SCALE: NTS	DATE: 12/01/10	DRAWN BY: TRO
FILE NAME: C:\...\.SW Pass project\TNC PHASE II PERMIT DWGS.DWG		
CONTACT US @ (225) 229-2539, OR EMAIL TYLER@ORATECHNOLOGIES.COM.		

SHEET 4/11

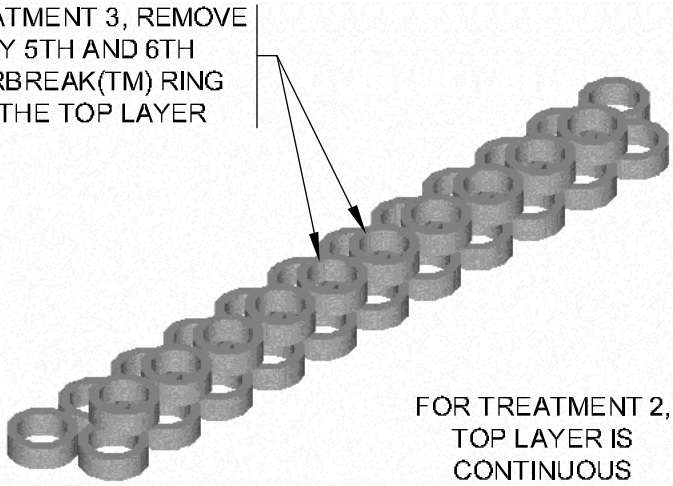
MODIFICATION TO P20090622

OYSTERBREAK UNIT

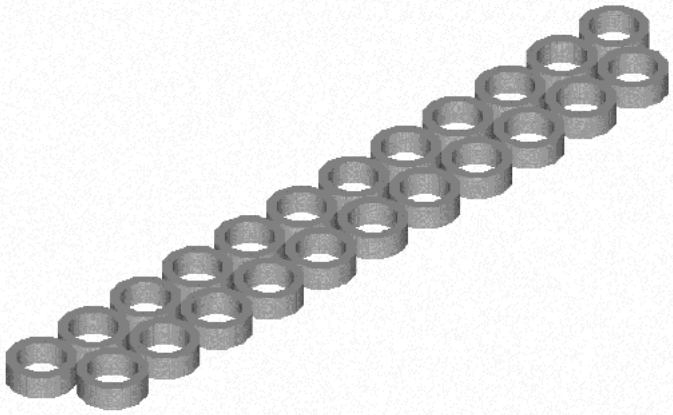
& STACKING DETAIL



TYPICAL OYSTERBREAK (TM) RING
58" O.D. X 40" I.D. X 20" TALL W/ 8" PEGS
PEGS ORIENTED DOWNWARDS
APPROX. 15.7 CUFT OF CONCRETE PER RING



TREATMENTS 2 & 3
ISOMETRIC VIEW



TREATMENT 1
ISOMETRIC VIEW

NOTES:

1. 6 X 225 LF SEGMENTS TO BE CONSTRUCTED, TWO OF EACH TREATMENT.
2. APPROX. 390 CY OF OYSTERKRETE WILL BE USED.
3. NO ACCESS DREDGING WILL BE REQUIRED.
4. APPROX. 0.31 ACRES OF NON-VEGETATED WATER BOTTOM TO BE CONVERTED TO ELEVATED OYSTER REEF.

ORA TECHNOLOGIES

CLIENT: THE NATURE CONSERVANCY - SW PASS PHASE II		
SCALE: NTS	DATE: 12/01/10	DRAWN BY: TRO
FILE NAME: C:\...\.SW Pass project\TNC PHASE II PERMIT DWGS.DWG		

CONTACT US @ (225) 229-2539, OR EMAIL
TYLER@ORATECHNOLOGIES.COM.

SHEET 5/11

MODIFICATION TO P20090622

ENDPOINT COORDINATES

SEGMENT	LATTITUDE	LONGITUDE	NORTHING	EASTING
SEGMENT 1	29 36 24.24	92 03 39.95	403,214.26	3,049,566.14
	29 36 25.98	92 03 38.40	403,388.48	3,049,703.93
SEGMENT 2	29 36 29.07	92 03 35.01	403,698.80	3,050,005.47
	29 36 30.89	92 03 33.60	403,882.53	3,050,131.26
SEGMENT 3	29 36 33.10	92 03 30.61	404,103.73	3,050,396.40
	29 36 34.59	92 03 28.72	404,253.00	3,050,563.56
SEGMENT 4	29 36 36.76	92 03 25.75	404,470.65	3,050,827.79
	29 36 37.58	92 03 23.39	404,551.76	3,051,036.79
SEGMENT 5	29 36 39.99	92 03 19.07	404,793.26	3,051,419.15
	29 36 41.26	92 03 16.97	404,920.74	3,051,605.83
SEGMENT 6	29 36 43.25	92 03 13.52	405,119.15	3,051,910.88
	29 36 44.73	92 03 11.64	405,268.24	3,052,078.18

ORA TECHNOLOGIES

CLIENT: THE NATURE CONSERVANCY - SW PASS PHASE II

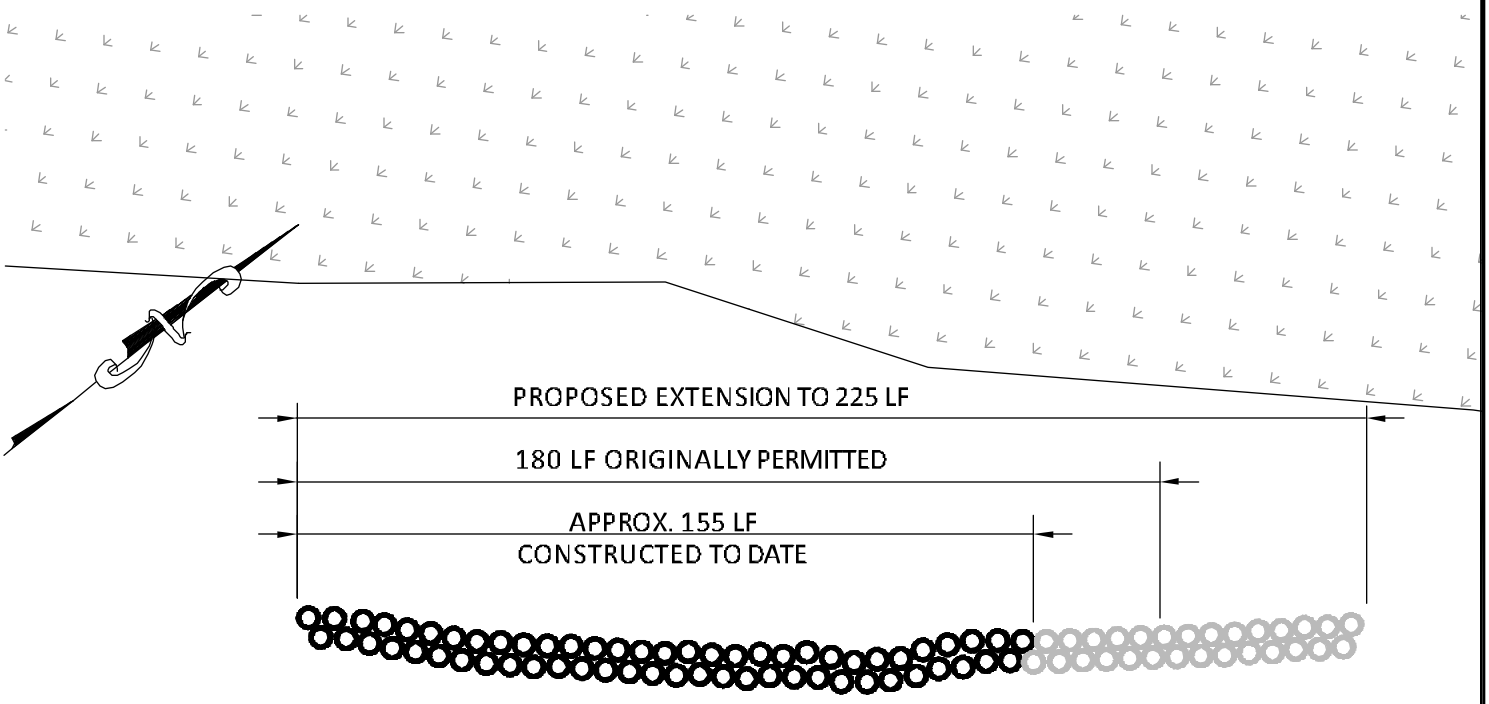
SCALE: NTS | DATE: 12/01/10 | DRAWN BY: TRO

FILE NAME: C:\...\.SW Pass project\TNC PHASE II PERMIT DWGS.DWG

CONTACT US @ (225) 229-2539, OR EMAIL
TYLER@ORATECHNOLOGIES.COM.

SHEET
6/11

MODIFICATION TO P20090622
SEGMENT 1



SEGMENT 1 – TREATMENT 1
SEE SHEET 3/11 FOR
TYPICAL CROSS SECTION
SEE SHEET 5/11 FOR
COORDINATES

WARNING SIGN PREVIOUSLY INSTALLED
SEE SHEET 2/11 FOR DETAIL

40 20 0 40

SCALE: 1"= 40'

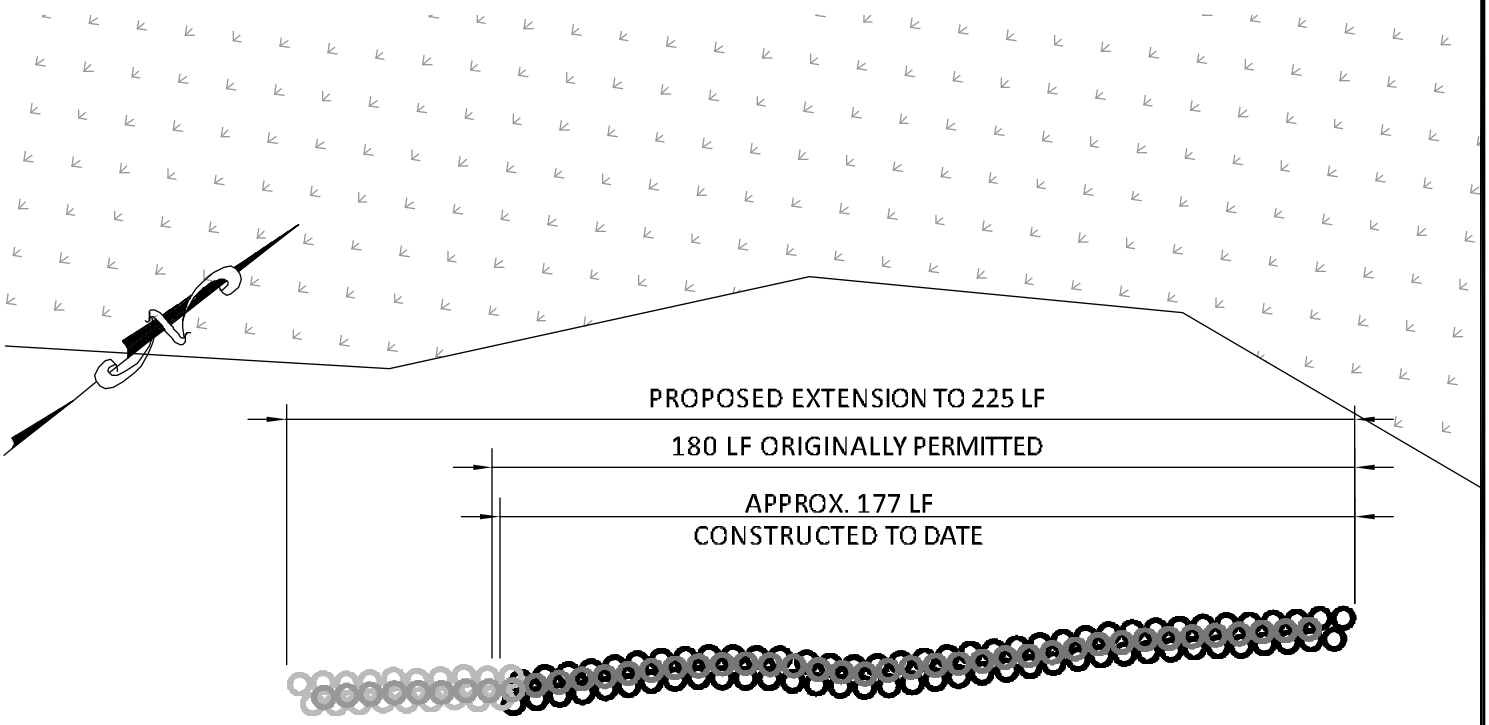
ORA TECHNOLOGIES

CLIENT: THE NATURE CONSERVANCY - SW PASS PHASE II		
SCALE: NTS	DATE: 12/01/10	DRAWN BY: TRO
FILE NAME: C:\...\.SW Pass project\TNC PHASE II PERMIT DWGS.DWG		

CONTACT US @ (225) 229-2539, OR EMAIL
TYLER@ORATECHNOLOGIES.COM.

SHEET 7/11

MODIFICATION TO P20090622
SEGMENT 2



WARNING SIGN PREVIOUSLY INSTALLED
SEE SHEET 2/11 FOR DETAIL

SEGMENT 2 – TREATMENT 2
SEE SHEET 3/11 FOR TYPICAL CROSS SECTION
SEE SHEET 5/11 FOR COORDINATES

40 20 0 40

SCALE: 1"= 40'

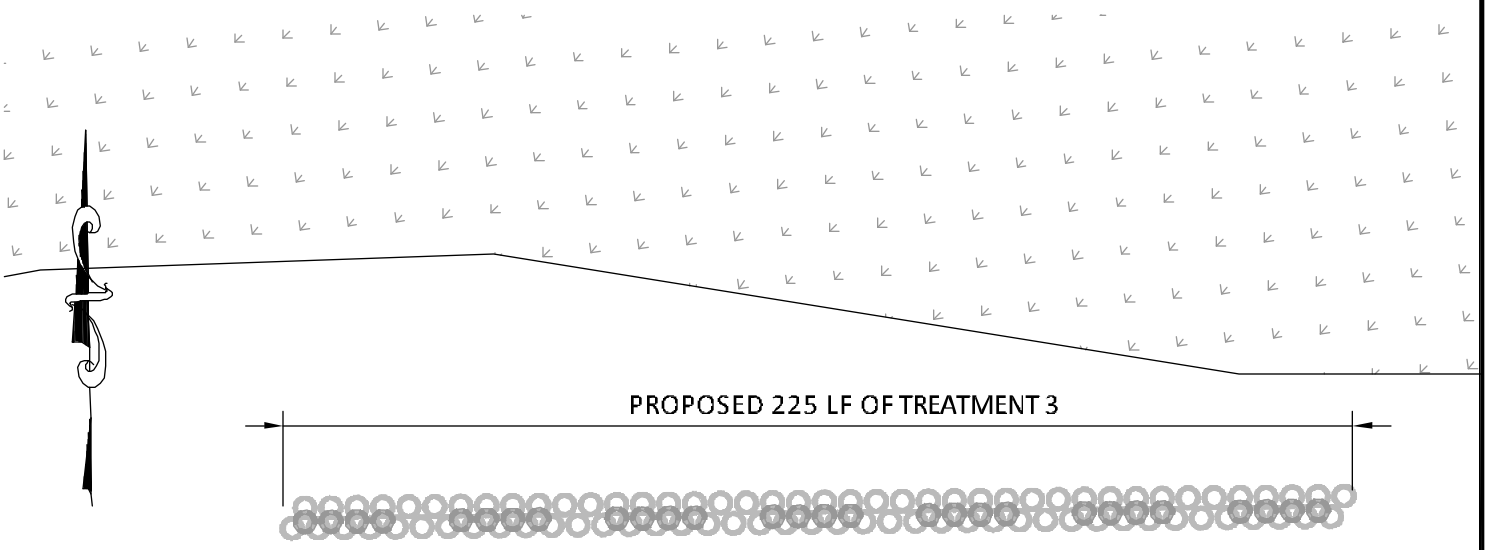
ORA TECHNOLOGIES

CLIENT: THE NATURE CONSERVANCY - SW PASS PHASE II		
SCALE: NTS	DATE: 12/01/10	DRAWN BY: TRO
FILE NAME: C:\...\.SW Pass project\TNC PHASE II PERMIT DWGS.DWG		

CONTACT US @ (225) 229-2539, OR EMAIL
TYLER@ORATECHNOLOGIES.COM.

SHEET
8/11

MODIFICATION TO P20090622
SEGMENT 3



PROPOSED WARNING SIGN
SEE SHEET 2/11 FOR DETAIL

SEGMENT 3 – TREATMENT 3
SEE SHEET 3/11 FOR
TYPICAL CROSS SECTION
SEE SHEET 5/11 FOR
COORDINATES

40 20 0 40

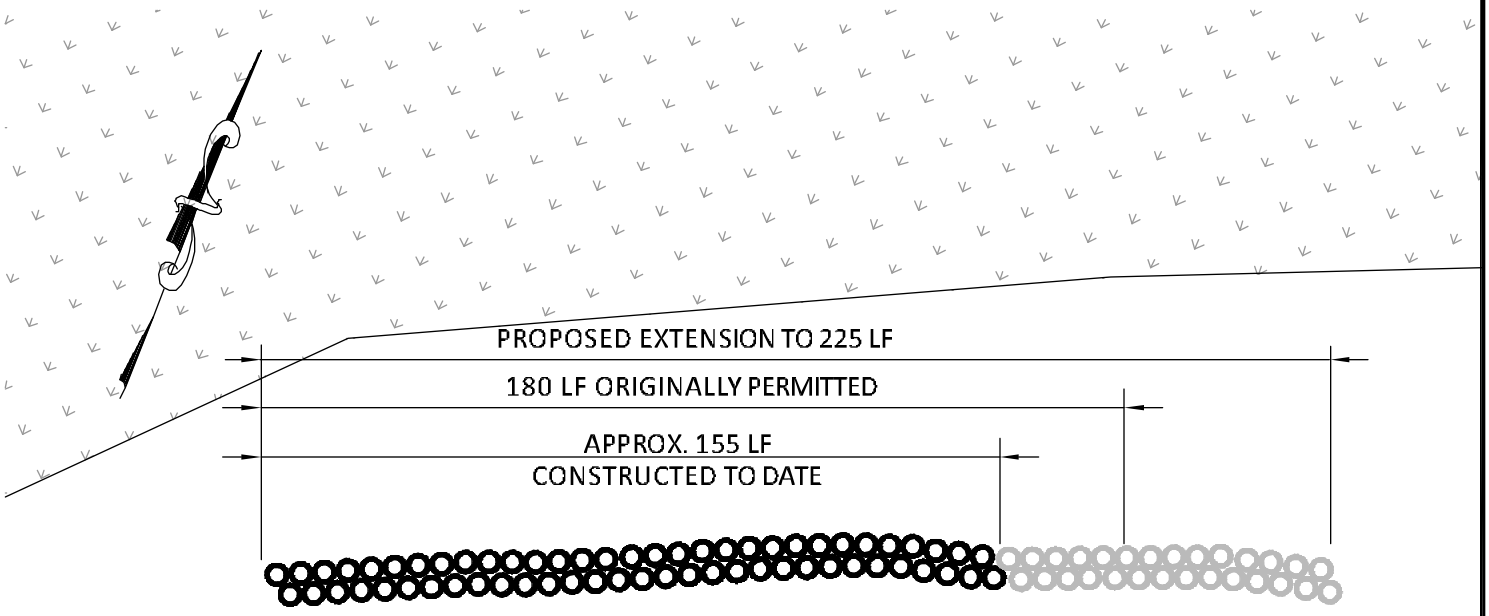
SCALE: 1"= 40'

ORA TECHNOLOGIES

CLIENT: THE NATURE CONSERVANCY - SW PASS PHASE II		
SCALE: NTS	DATE: 12/01/10	DRAWN BY: TRO
FILE NAME: C:\...\.SW Pass project\TNC PHASE II PERMIT DWGS.DWG		
CONTACT US @ (225) 229-2539, OR EMAIL TYLER@ORATECHNOLOGIES.COM.		

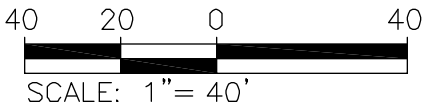
SHEET
9/11

MODIFICATION TO P20090622
SEGMENT 4





SEGMENT 4 – TREATMENT 1
SEE SHEET 3/11 FOR
TYPICAL CROSS SECTION
SEE SHEET 5/11 FOR
COORDINATES



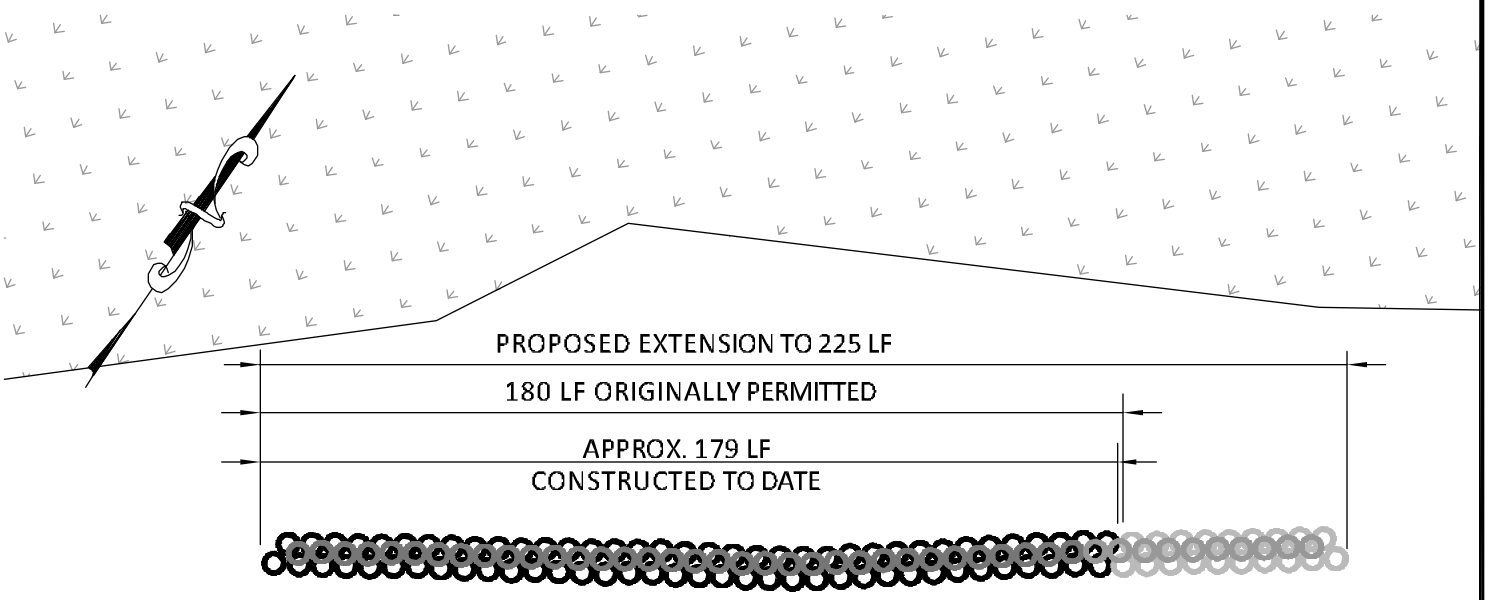
ORA TECHNOLOGIES

CLIENT: THE NATURE CONSERVANCY - SW PASS PHASE II		
SCALE: NTS	DATE: 12/01/10	DRAWN BY: TRO
FILE NAME: C:\...\.SW Pass project\TNC PHASE II PERMIT DWGS.DWG		

CONTACT US @ (225) 229-2539, OR EMAIL
TYLER@ORATECHNOLOGIES.COM.

SHEET
10/11

MODIFICATION TO P20090622
SEGMENT 5



WARNING SIGN PREVIOUSLY INSTALLED
SEE SHEET 2/11 FOR DETAIL

SEGMENT 5 – TREATMENT 2
SEE SHEET 3/11 FOR
TYPICAL CROSS SECTION
SEE SHEET 5/11 FOR
COORDINATES

40 20 0 40

SCALE: 1"= 40'

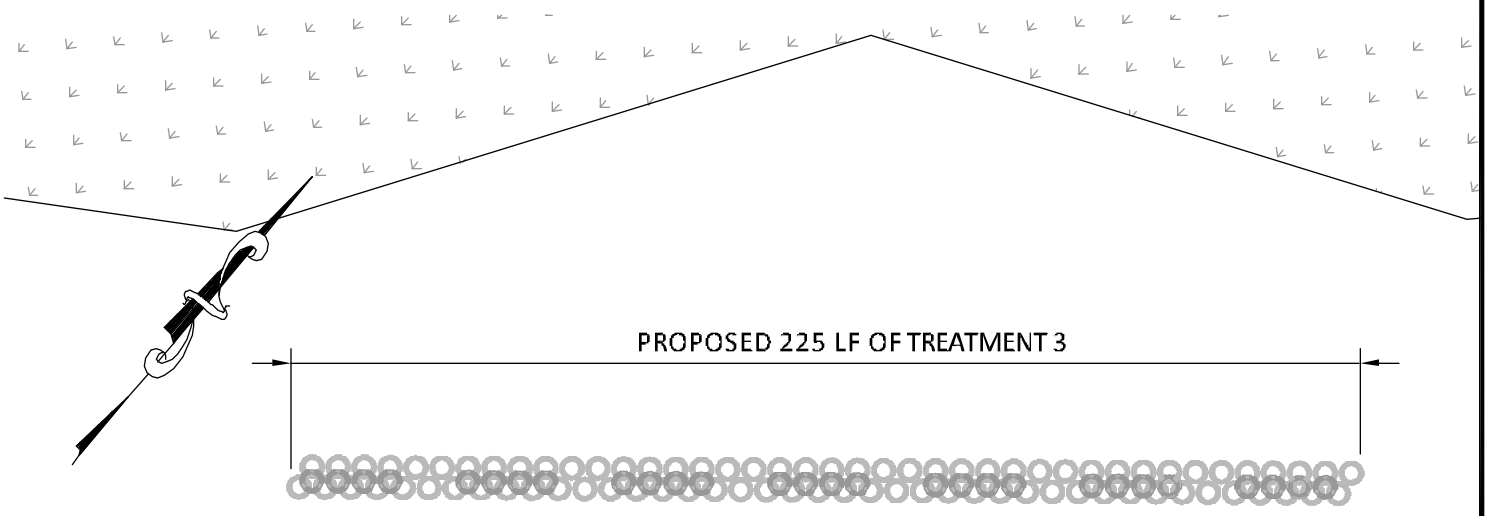
ORA TECHNOLOGIES

CLIENT: THE NATURE CONSERVANCY - SW PASS PHASE II		
SCALE: NTS	DATE: 12/01/10	DRAWN BY: TRO
FILE NAME: C:\...\.SW Pass project\TNC PHASE II PERMIT DWGS.DWG		

CONTACT US @ (225) 229-2539, OR EMAIL
TYLER@ORATECHNOLOGIES.COM.

SHEET
11/11

MODIFICATION TO P20090622
SEGMENT 6



PROPOSED WARNING SIGN
SEE SHEET 2/11 FOR DETAIL

40 20 0 40

SCALE: 1"= 40'

SEGMENT 6 – TREATMENT 3
SEE SHEET 3/11 FOR
TYPICAL CROSS SECTION
SEE SHEET 5/11 FOR
COORDINATES

ORA TECHNOLOGIES

CLIENT: THE NATURE CONSERVANCY - SW PASS PHASE II		
SCALE: NTS	DATE: 12/01/10	DRAWN BY: TRO
FILE NAME: C:\...\.SW Pass project\TNC PHASE II PERMIT DWGS.DWG		

CONTACT US @ (225) 229-2539, OR EMAIL
TYLER@ORATECHNOLOGIES.COM.

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT

P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: **P20110124**

C.O.E. No.: **MVN 2011- 0253 WB**

NAME: **BROUSSARD BROTHERS, INC.**
c/o TIM MORTON & ASSOCIATES, INC.
730 E. KALISTE SALOOM ROAD
LAFAYETTE, LA 70508
Attn: Donna Hollier

LOCATION: **Vermilion Parish, LA**
POB: Lat 29º 38' 59.7" N / Long -92º 21' 03.1" W; POE: Lat 29º 38' 39.4" N / Long -92º 20' 42.7" W; Section 2, T16S-R1E; Southeast of Freshwater City, LA, off of LA Hwy. 3147.

DESCRIPTION: Proposed placement of dredge/fill and riprap along 50 percent of approximately 2,750' of the western bankline of an existing canal. Project includes the dredging of approximately 1,270 cubic yards from a 10' W x 2.5' D area within the canal and placement of no more than 5' wide in areas of eroded bankline. Project also includes the placement of approximately 1,373 cubic yards of riprap no more than 5' wide in areas that have subsided along the waters edge.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, and/or operate the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Office of Coastal Management of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Office of Coastal Management by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two years from the date of the signature of the Secretary or his designee. If the coastal use is not initiated within this two year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for the purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith, and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

a. All logs, stumps and other debris unearthed during dredging shall be removed to an approved disposal site on land.

b. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

c. No fill or riprap shall be placed upon existing vegetation and shall only be placed in areas designated on permit plats.

Permittee shall notify Mr. Charlie Mestayer, with the Office of Coastal Management, by either calling (337) 262-5656 and/or emailing him at Charlie.Mestayer@la.gov within 15 days of completion of permitted activities.

If OCM determines that compensatory mitigation is required, permittee shall submit a compensatory mitigation plan for approval within 30 days of notification of the compensatory mitigation requirements by OCM. All necessary approvals shall be obtained for the compensatory mitigation plan and the plan shall be implemented as directed by OCM. Permittee should be aware that compensatory mitigation projects may be required to be maintained for as many as 20 years for marsh mitigation projects and 50 years for forested wetland mitigation projects. A processing fee will be assessed for the determination of compensatory mitigation requirements and evaluation of the proposed compensatory mitigation plan in accordance with LAC Title 43, Part I, Chapter 7, §724.D. This fee shall apply regardless of which compensatory mitigation option is selected and does not include the cost incurred to implement the required compensatory mitigation.

d. The current hydrologic regime of the contiguous marsh shall not be altered as a result of permitted activities or without permitted authority.

e. The following condition has been submitted by the Louisiana Department of Wildlife and Fisheries/Ecological Studies:

The applicant shall use rip rap material that is free of protruding, reinforcement material (i.e., rebar).

f. The following conditions have been provided by the Department of Health and Hospitals/ Office of Public Health:

The applicant shall be aware of and comply with any and all applicable Louisiana State Sanitary Code regulations (LAC 51, as applicable). Furthermore, should additional project data become available to this office that in any way amend the information upon which this office's response has been based, we reserve the right of additional comment on the referenced project(s).

In the event of any future discovery of evidence of non-compliance with the Louisiana Administrative Code Title 51 (Public Health-Sanitary Code) and the Title 48 (Public Health-General) regulations or any applicable public health laws or statutes which may have escaped our awareness during the course of this cursory review, please be advised that this office's preliminary determination of the project(s) shall not be construed as absolving the applicant of responsibility, if any, with respect to compliance with the Louisiana Administrative Code Title 51 (Public Health-Sanitary Code) and the Title 48 (Public Health-General) regulations or any other applicable public health laws or statutes.

g. As-built drawings shall be submitted within 30 days of completion of this project to the Louisiana Department of Natural Resources, Office of Coastal Management, PO Box 44487, Baton Rouge, LA 70804-4487.

h. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.

i. Permittee shall allow representatives of the Office of Coastal Management or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.

j. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.

k. This permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two (2) years

from the date of the signature of the Secretary or his designee. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D.). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

The expiration date of this permit is five (5) years from the date of the signature of the Secretary or his designee.

Upon expiration of this permit, a new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

********** End of Conditions **********

By accepting this permit the applicant agrees to its terms and conditions.

I affix my signature and issue this permit this 25th day of May, 2011.

THE DEPARTMENT OF NATURAL RESOURCES

Karl L. Morgan, Acting Administrator
Office of Coastal Management

This agreement becomes binding when signed by Administrator of
the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

Attachments

Final Plats:

1) P20110124 Final Plats 05/19/2011

cc: Pete Serio, COE w/attachments
Dave Butler, LDWF w/attachments
Stephen Broussard, LED w/attachments
Peggy Rooney, OCM w/attachments
Charlie Mestayer, OCM/FI w/attachments

BROUSSARD BROTHERS, INC. w/attachments



VICINITY MAP

REPRODUCED FROM STATE HIGHWAY MAP

5 0 5 10 15

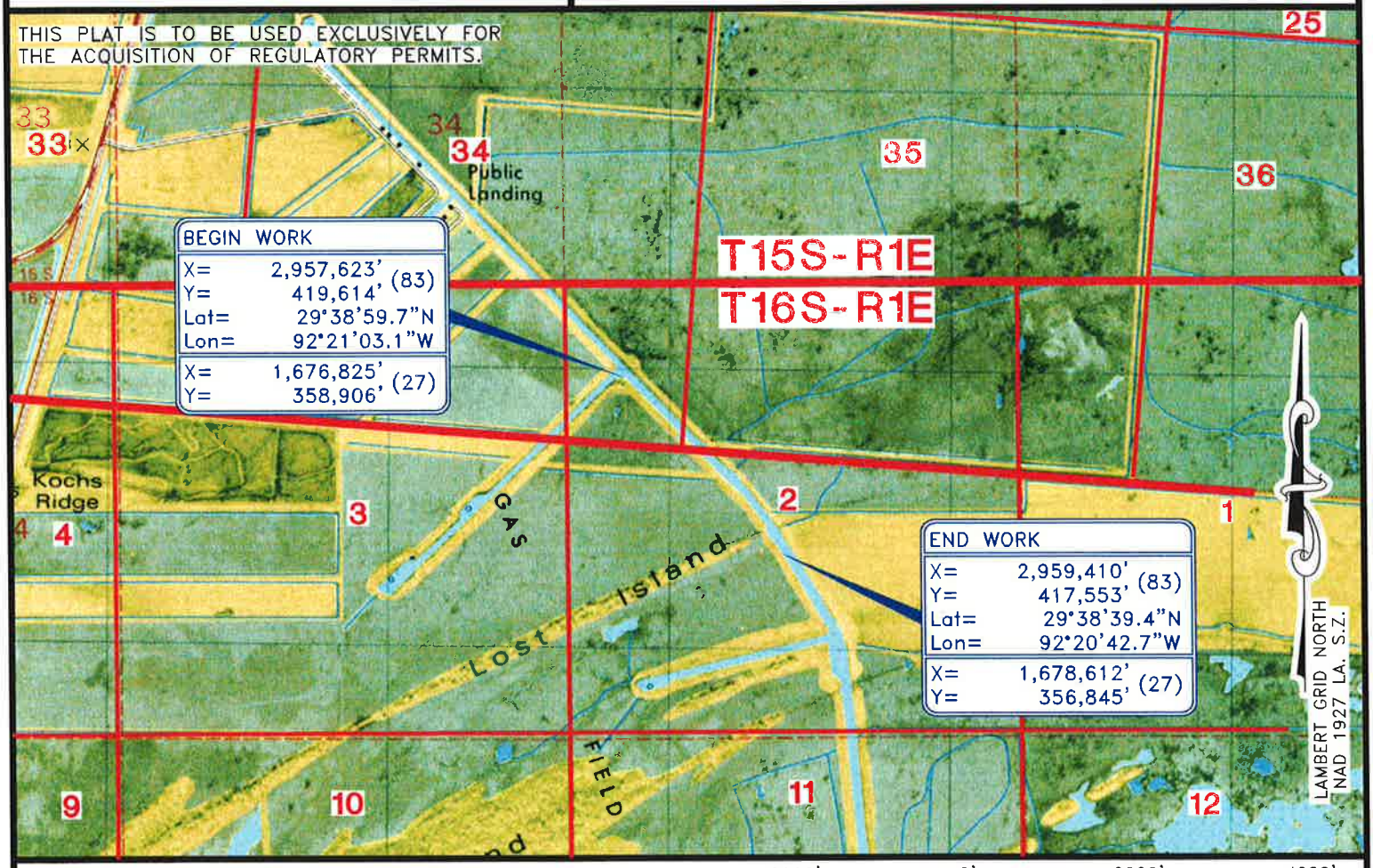
MILES

All structures, facilities, well and pipelines/flowlines shall be removed within 120 days of abandonment of the facilities for the herein permitted use. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for such removal activities.

All structures will be marked and lighted in accordance with U.S Coast Guard regulations.

As-built drawings shall be submitted within 30 days of completion of this project to the Louisiana Department of Natural Resources, Office of Conservation, Pipeline Division, P.O. Box 94275, Baton Rouge, LA 70804 and to the Louisiana Department of Natural Resources, Coastal Management Division, P. O. Box 44487, Baton Rouge, La. 70804-4487.

Permittee shall contact Louisiana ONE CALL at 1-800-272-3020 forty-eight hours prior to excavation or demolition.



LOCATION MAP

REPRODUCED FROM USGS PUMPKIN ISLAND QUADRANGLE

2000' 0' 2000' 4000'

SCALE : 1" = 2000'

BROUSSARD BROTHERS, INC.

P. O. BOX 1740

ABBEVILLE, LOUISIANA 70511

ADDITIONAL RIPRAP AND FILL PECAN ISLAND AREA

VERMILION PARISH, LOUISIANA

PREPARED BY

TIM MORTON & ASSOCIATES, INC.
REGULATORY & ENVIRONMENTAL CONSULTANTS
LAFAYETTE, LOUISIANA

JOB NO. 10-262

REVISED

DATE 11/30/10

SHEET 1 OF 3

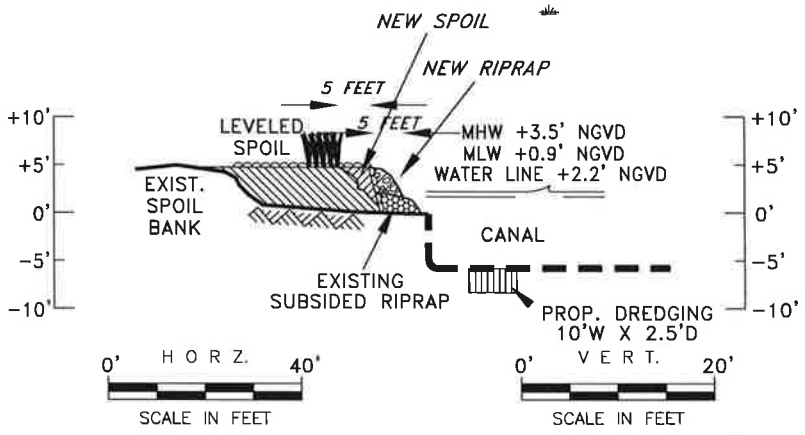
MATCH LINE
SEE SHEET 3 OF 3

PREVIOUS PERMIT NUMBERS
WX-19-990-0535-1
P20031146
MVN-2010-00667-SR
P20100176

NOTE: THE PROPOSED WORK CONSISTS OF ADDING ADDITIONAL RIPRAP IN AREAS WHERE THE RIPRAP HAS SUBSIDED AND DREDGING AND ADDING SPOIL IN AREAS BEHIND THE RIPRAP WHERE THE SPOIL BANK HAS ERODED.

NOTE: NO FILL OR RIPRAP WILL BE PLACED UPON EXISTING STRIP OF VEGETATION BETWEEN LEVELED SPOIL AND NEW SPOIL

T16S-R1E
SEC. 2



TYPICAL SECTION

END WORK	
X=	2,959,410' (83)
Y=	417,553'
Lat=	29°38'39.4"N
Lon=	92°20'42.7"W
X=	1,678,612' (27)
Y=	356,845'

NOTE: ADDITIONAL RIPRAP AND SPOIL IS NEEDED ALONG APPROXIMATELY 50 PERCENT OF THE BANKLINE. APPROXIMATELY 1 CUBIC YARD OF RIPRAP WOULD BE DEPOSITED PER RUNNING FOOT OF BANKLINE. APPROXIMATELY 1373 CUBIC YARDS OF RIPRAP WOULD BE DEPOSITED. APPROXIMATELY 1270 CUBIC YARDS OF SPOIL WOULD BE DREDGED FROM THE CANAL AND DEPOSITED BEHIND THE RIPRAP.

LAMBERT GRID NORTH
NAD 1927 LA. S.Z.

PLAN
400' 0' 400'
SCALE IN FEET

BROUSSARD BROTHERS, INC.
P. O. BOX 1740
ABBEVILLE, LA. 70511

ADDITIONAL RIPRAP AND FILL
PECAN ISLAND AREA
VERMILION PARISH, LOUISIANA

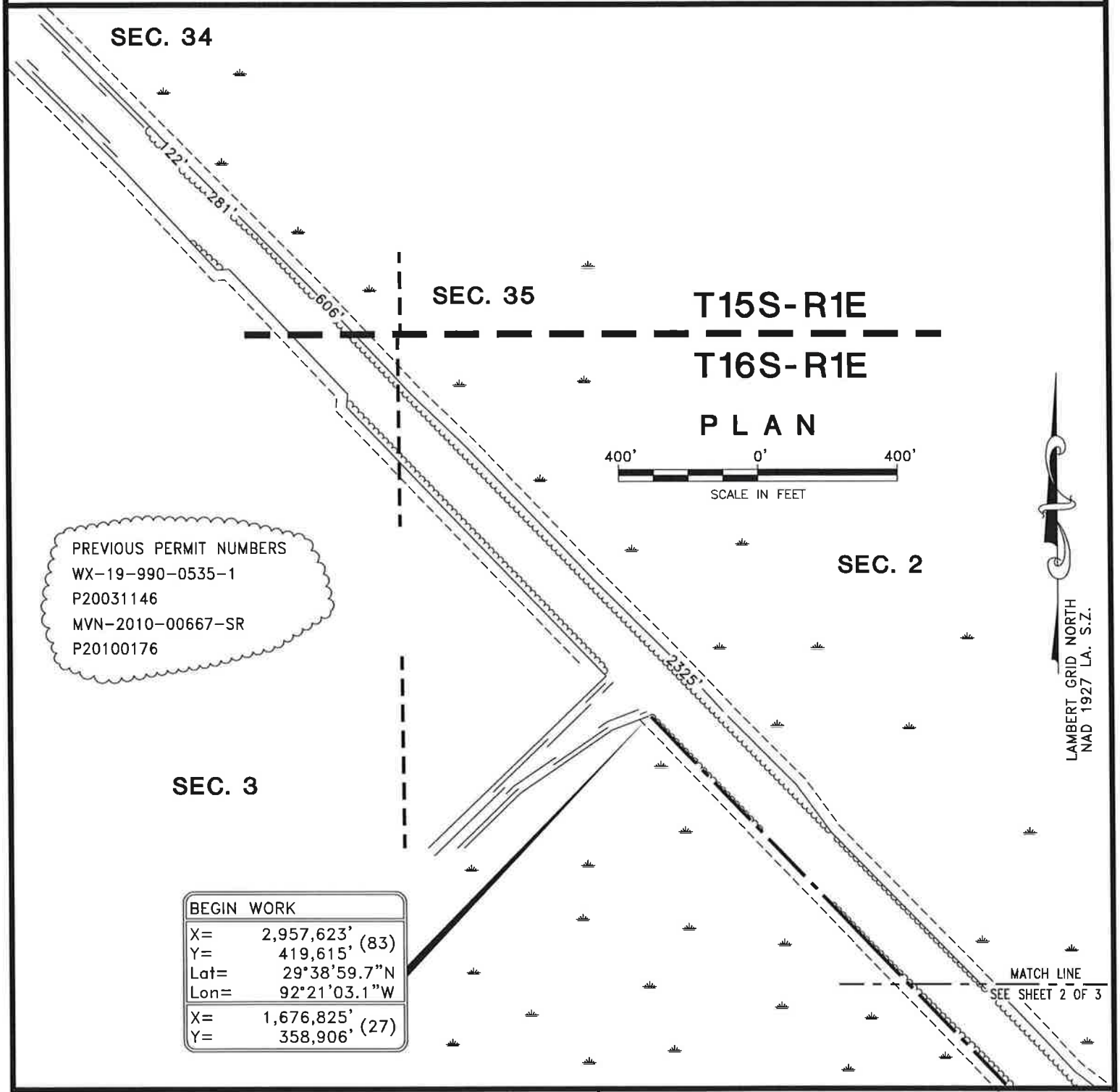
PREPARED BY
TIM MORTON & ASSOCIATES, INC.
REGULATORY & ENVIRONMENTAL CONSULTANTS
LAFAYETTE, LOUISIANA

JOB NO. 10-262

REVISED

DATE 11/29/10

SHEET 2 OF 3



BROUSSARD BROTHERS, INC.

P. O. BOX 1740

ABBEVILLE, LA. 70511

ADDITIONAL RIPRAP AND FILL PECAN ISLAND AREA VERMILION PARISH, LOUISIANA

PREPARED BY

TIM MORTON & ASSOCIATES, INC.
REGULATORY & ENVIRONMENTAL CONSULTANTS
LAFAYETTE, LOUISIANA

JOB NO. 10-262

REVISED

DATE 11/29/10

SHEET 3 OF 3

DEPARTMENT OF NATURAL RESOURCES
COASTAL MANAGEMENT DIVISION
P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: P20031357

C.O.E. No.: WEE-20-030-4592

NAME AND ADDRESS: McIlhenny Company
c/o Randy Moertle and Associates, Inc.
1008 Mar Dr.
Lockport, LA 70374

LOCATION: Iberia Parish, LA; located on an unnamed canal off Bayou Petite Anse; Lat. 29° 54' 54" N, Long. 91° 54' 17" W;

DESCRIPTION: Proposed construction of a new 300' bulkhead about 1 foot from and parallel to the existing bulkhead, and also construction of a 50' x 10' dock with three finger piers which total 80' in length. Approx. 270 cu. yds. of soil will be hauled in to fill between the existing and new bulkheads and additional areas inside the existing bulkhead which have been washed out. No material will be dredged from or discharged into the canal.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permitted agrees to:

1. Carry out or perform the use in accordance with the plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter, or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Coastal Management Division of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Coastal Management Division by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two years from the date of the signature of the Secretary or his designee. If the coastal use is not initiated within this two year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permitted must, in good faith and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. This Coastal Use Permit authorizes periodic maintenance, but such maintenance activities must be conducted pursuant to the specifications and conditions of this permit.
12. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

a. (i) This permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, McIlhenny Company must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits Title 43:I.723.D.). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

(ii) The expiration date of this permit is five (5) years from the date of the signature of the Secretary or his designee.

(iii) Upon expiration of this permit, a new Coastal Use Permit will be required for completion of any unfinished or un-commenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

b. McIlhenny Company shall allow representatives of the Coastal Management Division or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.

c. McIlhenny Company shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) a minimum of 48 hours prior to the commencement of any excavation (digging, dredging, jetting, etc.) or demolition activity.

d. The dock shall be marked/lighted in accordance with the U.S. Coast Guard regulations.

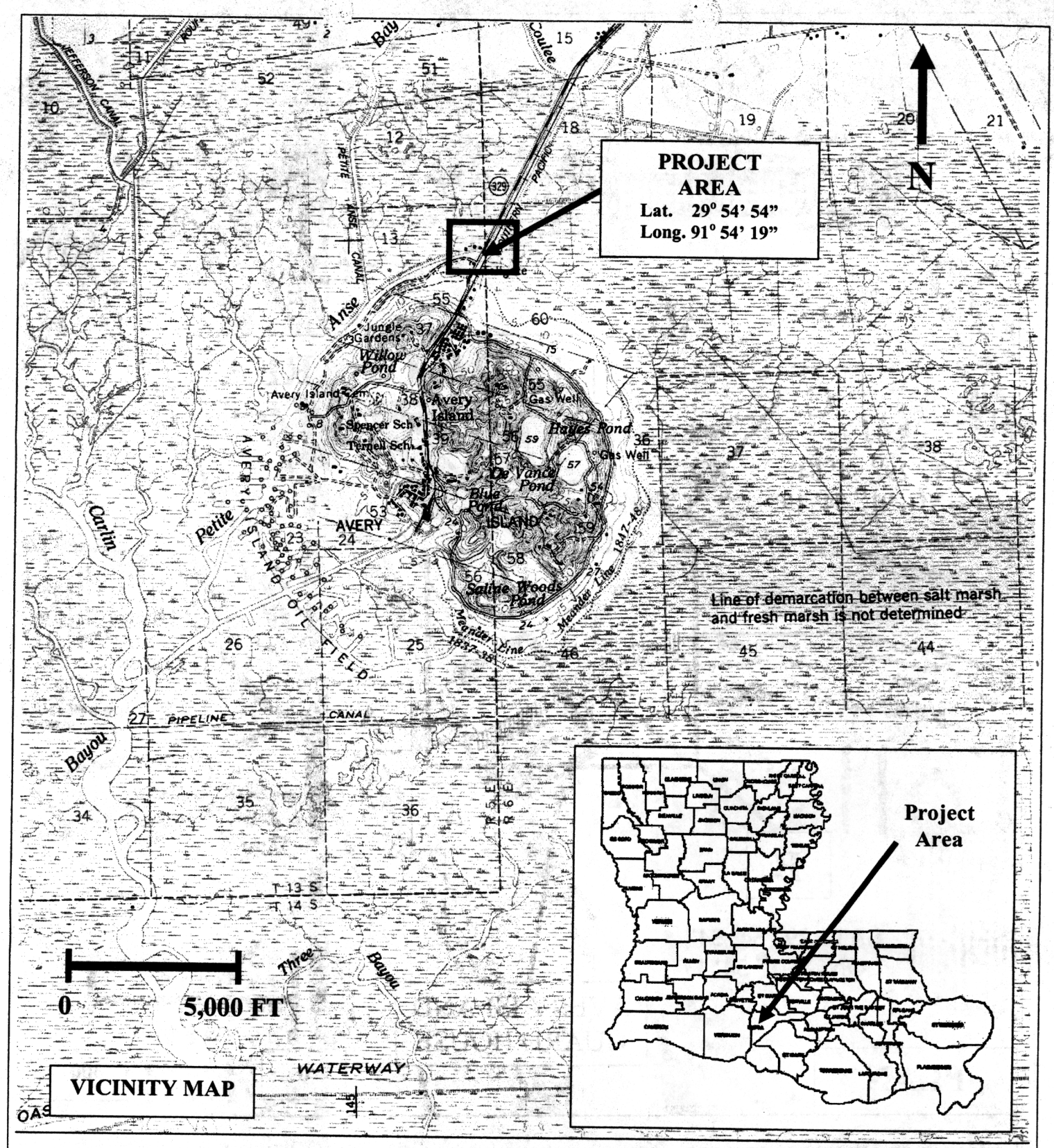
By accepting this permit the applicant agrees to its terms and conditions.

I affix my signature and issue this permit this 7th day of November, 2003.

DEPARTMENT OF NATURAL RESOURCES

David W. Frugé, Administrator
Coastal Management Division

This agreement becomes binding when signed by the Administrator of the Coastal Management Division, Department of Natural Resources.



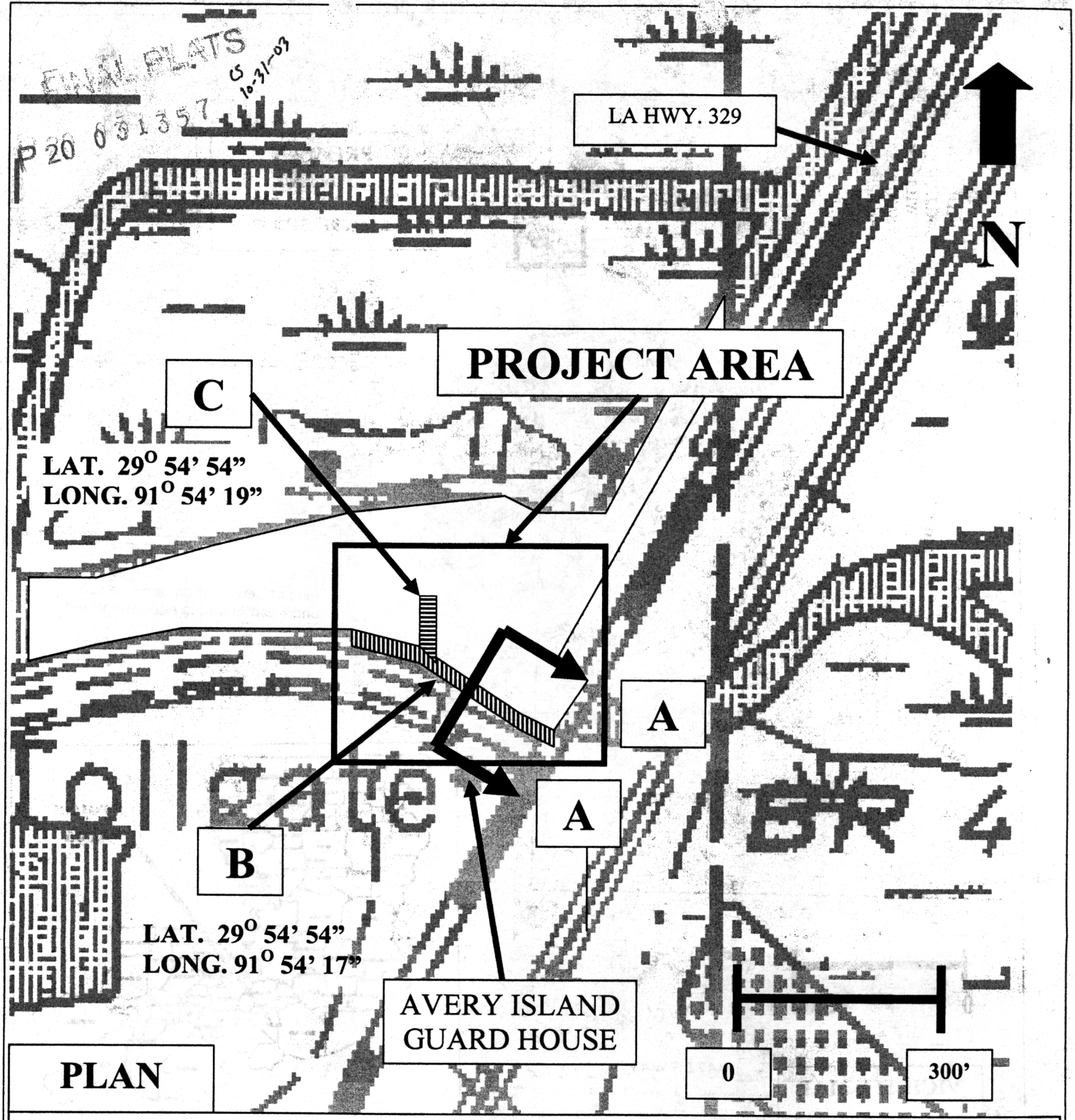
PURPOSE: RE-ESTABLISHMENT OF BULKHEAD FOR BANK LINE PROTECTION AND STABILIZATION AND NEW BOAT DOCK CONSTRUCTION
APPLICATION BY: AVERY ISLAND, INC.
DATE: JULY 28, 2003

PERMIT PLAT: AVERY GUARD HOUSE BULKHEAD AND BOAT DOCK CONSTRUCTION IN SECTION 13, T-13-S, R-5-E
IBERIA PARISH, LOUISIANA

Randy Moertle and Associates, Inc.
1008 Mar Dr., Lockport, LA 70374 (985) 532-6388

FINAL PLATS
P20 031357 CS 10-31-03

FINAL PLATS
P20 031357
CS 10-31-03



PLAN

PURPOSE: RE-ESTABLISHMENT OF BULKHEAD FOR BANK LINE PROTECTION AND STABILIZATION AND NEW BOAT DOCK CONSTRUCTION

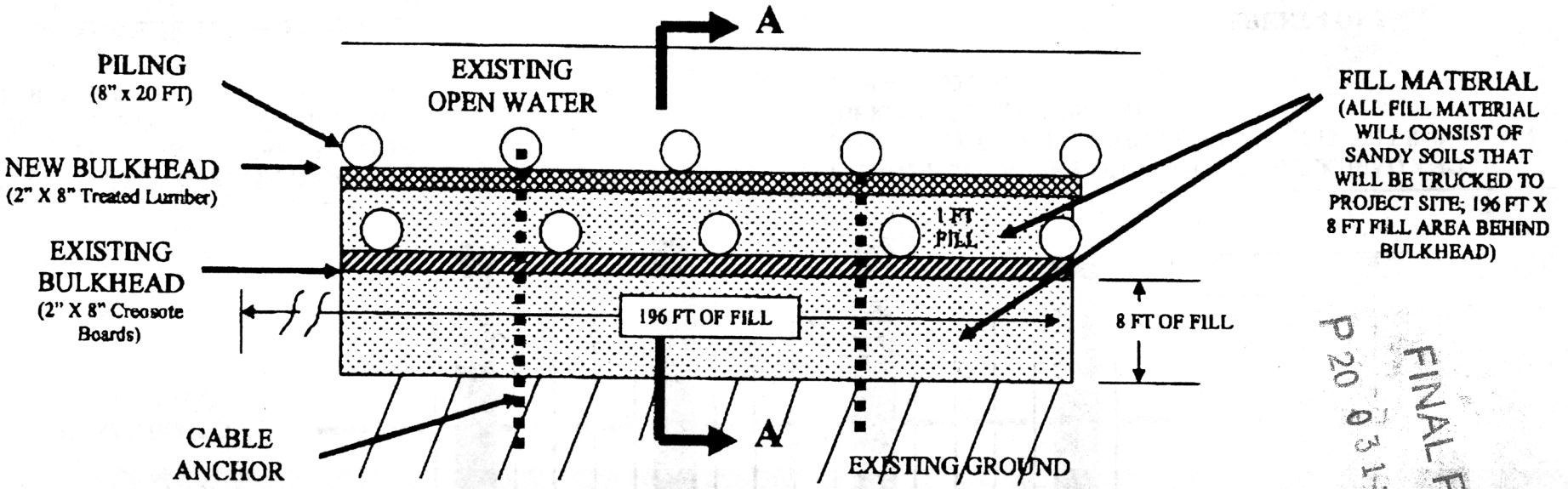
APPLICATION BY: AVERY ISLAND, INC.

DATE: JULY 28, 2003

PERMIT PLAT: AVERY GUARD HOUSE BULKHEAD AND BOAT DOCK CONSTRUCTION IN SECTION 13, T-13-S, R-5-E

IBERIA PARISH, LOUISIANA

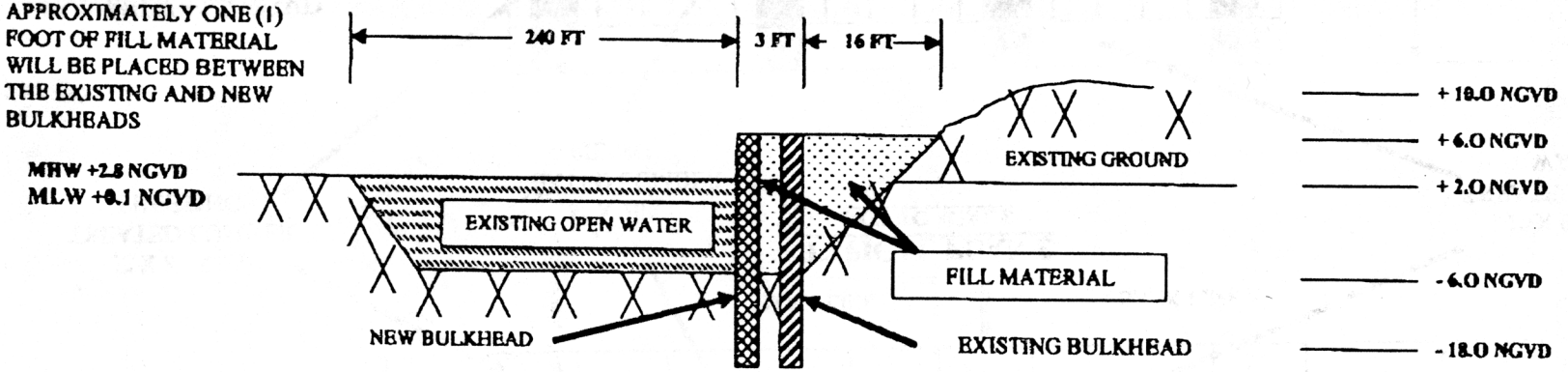
Randy Moertle and Associates, Inc.
1008 Mar Dr., Lockport, LA 70374 (985) 532-6388



TYPICAL BULKHEAD PLAN

FINAL PLATS
P20 03 1357
10-9-09

NOTE:
APPROXIMATELY ONE (1) FOOT OF FILL MATERIAL WILL BE PLACED BETWEEN THE EXISTING AND NEW BULKHEADS



TYPICAL SECTION A - A

PURPOSE: RE-ESTABLISHMENT OF BULKHEAD FOR BANK LINE PROTECTION AND STABILIZATION

APPLICATION BY: AVERY ISLAND, INC.

DATE: REVISED SEPTEMBER 15, 2003

PERMIT PLAT: AVERY GUARD HOUSE BULKHEAD AND BOAT DOCK CONSTRUCTION IN SECTION 13, T-13-S, R-5-E

IBERIA PARISH, LOUISIANA

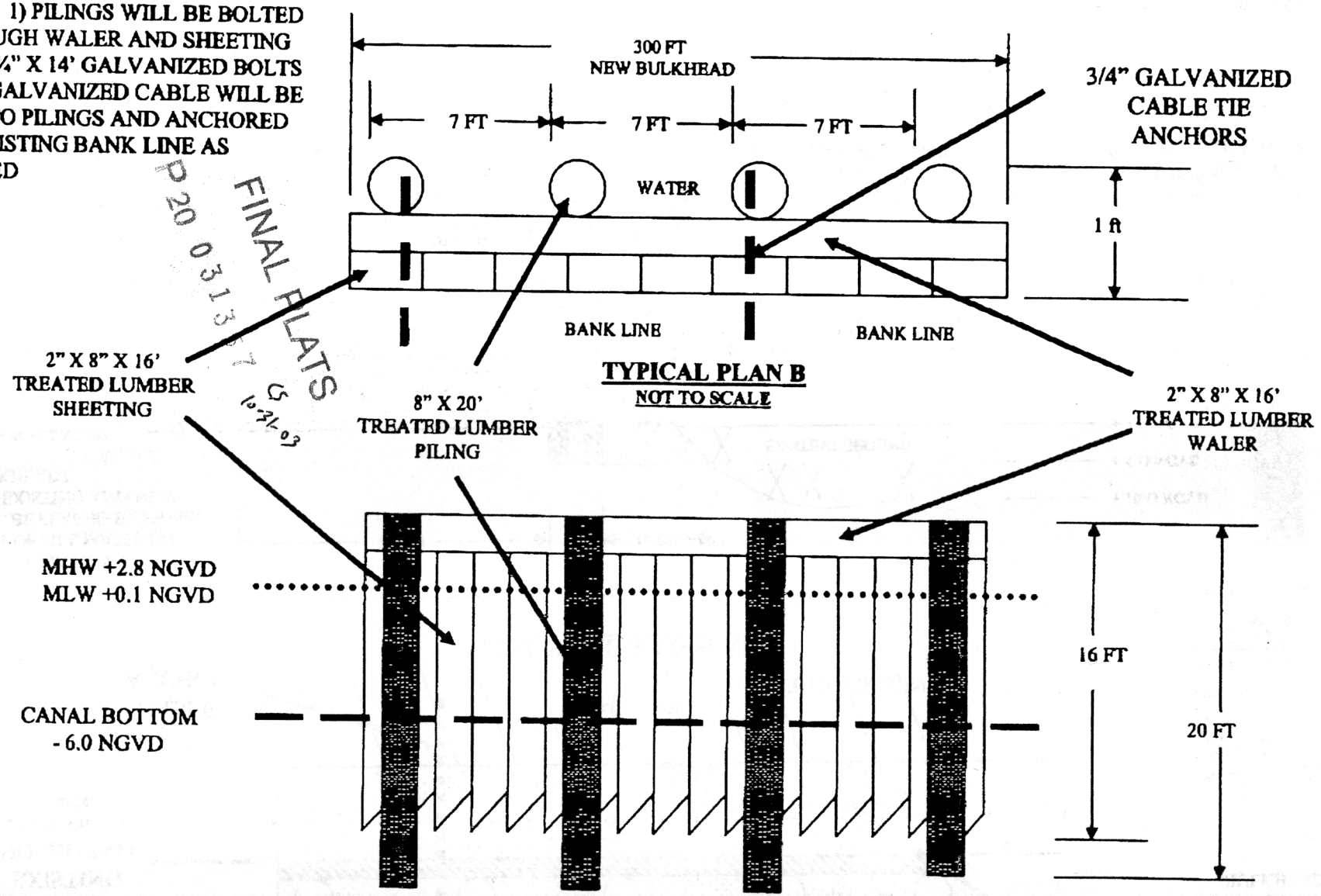
CUP # P20031357

Randy Moertle and Associates, Inc.
1068 Mar Dr., Lockport, LA 70374 (985) 532-6388

09/15/2003 13:46 9855326388 RANDY MOERTLE ASSOCI PAGE 02

NOTE: 1) PILINGS WILL BE BOLTED THROUGH WALER AND SHEETING WITH ¾" X 14' GALVANIZED BOLTS
2) ¾" GALVANIZED CABLE WILL BE TIED TO PILINGS AND ANCHORED ON EXISTING BANK LINE AS NEEDED

FINAL PLATS
P 20 0313
10-21-03



TYPICAL PLAN B
NOT TO SCALE

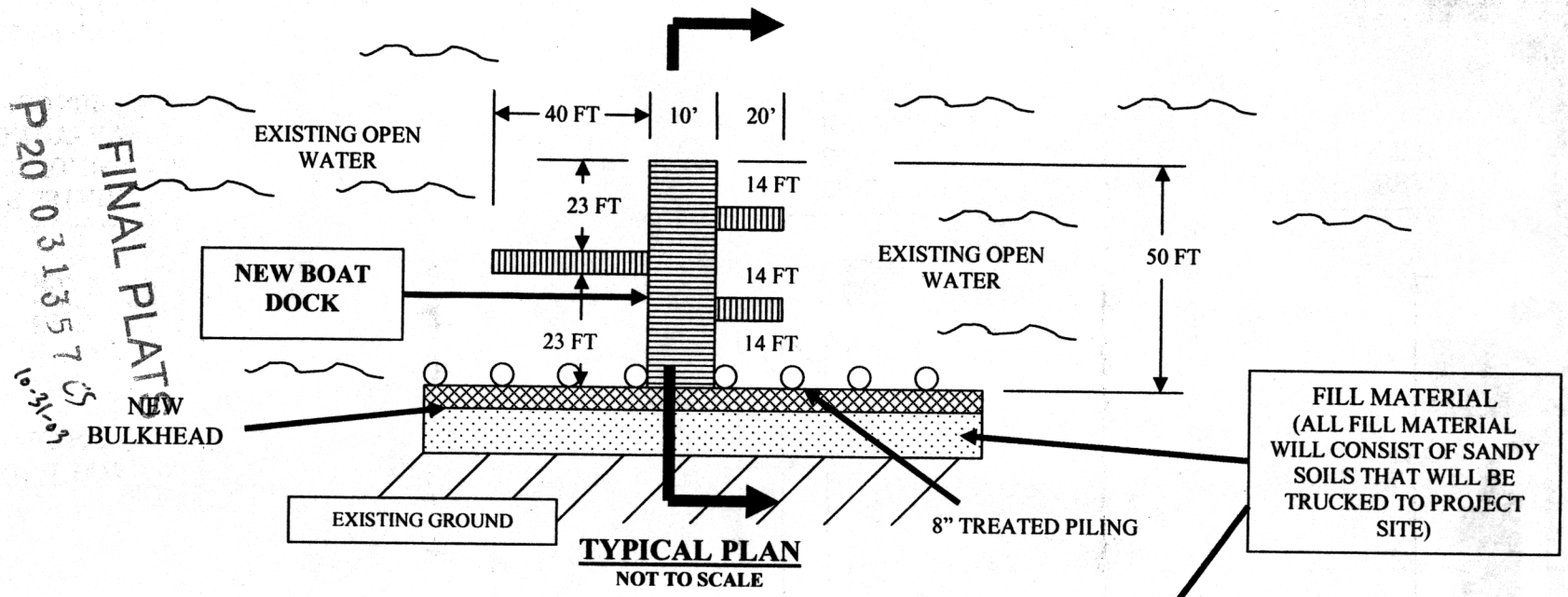
PURPOSE: RE-ESTABLISHMENT OF BULKHEAD FOR BANK LINE PROTECTION AND STABILIZATION
APPLICATION BY: AVERY ISLAND, INC.
DATE: REVISED SEPTEMBER 15, 2003

PERMIT PLAT: AVERY GUARD HOUSE BULKHEAD AND BOAT DOCK CONSTRUCTION IN SECTION 13, T-13-S, R-5-E IBERIA PARISH, LOUISIANA
CUP # P20031357

Randy Moertle and Associates, Inc.
1008 Mar Dr., Lockport, LA 70374 (985) 532-6388

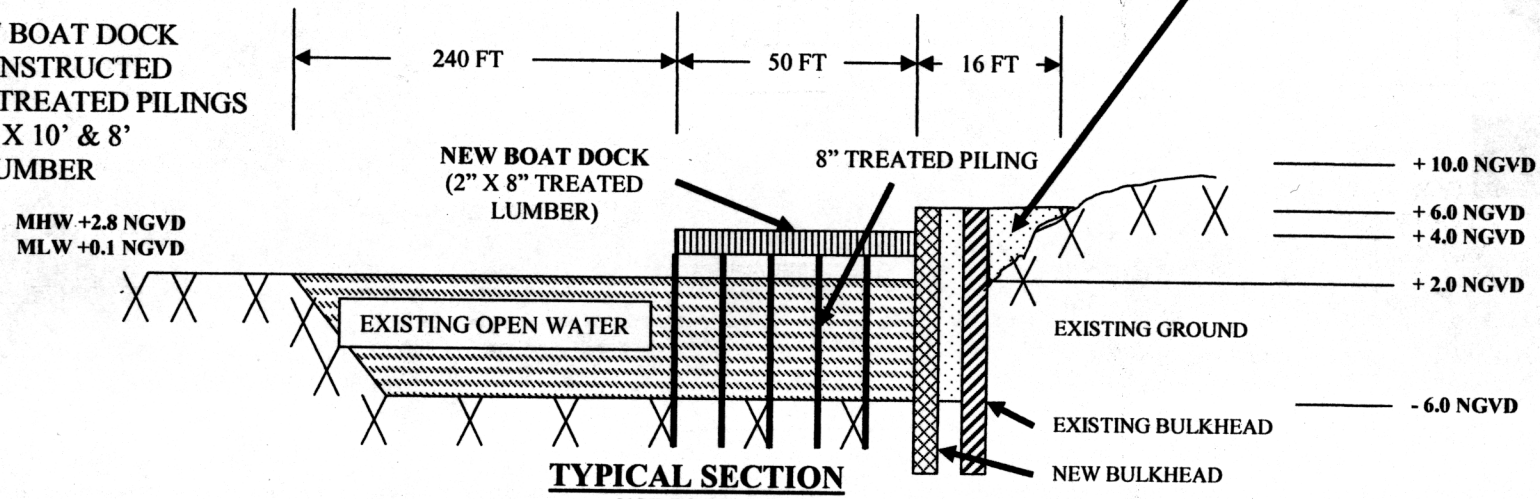
09/15/2003 13:46 9855326388 RANDY MOERTLE ASSOCI PAGE 03

FINAL PLATS
P20 031357 CS
10-31-03



TYPICAL PLAN
NOT TO SCALE

NOTE: NEW BOAT DOCK WILL BE CONSTRUCTED WITH 20 FT TREATED PILINGS AND 2" X 8" X 10' & 8' TREATED LUMBER



TYPICAL SECTION
NOT TO SCALE

PURPOSE: RE-ESTABLISHMENT OF BULKHEAD FOR BANK LINE PROTECTION AND STABILIZATION AND CONSTRUCT NEW BOAT DOCK
APPLICATION BY: AVERY ISLAND, INC.
DATE: JULY 28, 2003

PERMIT PLAT: AVERY GUARD HOUSE BULKHEAD AND BOAT DOCK CONSTRUCTION IN SECTION 13, T-13-S, R-5-E IBERIA PARISH, LOUISIANA

Randy Moertle and Associates, Inc.
1008 Mar Dr., Lockport, LA 70374 (985) 532-6388

COASTAL USE PERMIT
TRANSFER INSTRUCTIONS

An applicant having the need to transfer a Coastal Use Permit or other authorization to another party shall file a request for transfer by completely filling out all sections of the Transfer Request form as follows:

1. **Permit Number: P**_____

This is the number assigned to the permit that is being transferred and can be found on the front page of the Coastal Use Permit.

2. _____ _____

Transferee's Signature **Date**

This is where an authorized representative of the transferee (new applicant) must sign and date the document.

3. _____

Transferee's Name (Print orType)

This is the printed name of the individual or company (new applicant) who will be receiving the permit.

4. _____

_____

Transferee's Complete Mailing Address (Print or Type)

This is the current and complete mailing address of the transferee (new applicant) who will be receiving the permit.

5. _____ _____

Transferor's Signature **Date**

This is where an authorized representative of the transferor (former applicant) must sign and date the document.

6. _____

Transferor's Name (Print orType)

This is the printed name of the transferor (former applicant) who will be transferring the permit.

7. _____

_____

Transferor's Complete Mailing Address (Print or Type)

This is the current and complete mailing address of the transferor (former applicant) who will be transferring the permit.

The completed Transfer Request form shall be mailed to:
Coastal Management Division, P. O. Box 44487, Baton Rouge, LA 70804-4487.

Should you have questions concerning filling out the Transfer Request form, please contact:
Bill Pittman, CRS Supervisor, by e-mail at billp@dnr.state.la.us or by telephone at 225-342-6466.

COASTAL USE PERMIT
TRANSFER REQUEST

PERMIT NUMBER: P_____

When the structures, work, and/or mitigation authorized by this permit are still in existence at the time the permit is transferred, the terms and conditions of this permit will continue to be binding on the new applicant(s) of this permit. To validate the transfer of this permit and the liabilities associated with compliance of its terms and conditions, the transferee and transferor shall sign and date below.

By signing and dating this transfer agreement, transferee agrees to assume all liabilities associated with this permit and abide by all conditions of this permit.

_____ _____

Transferee's Signature Date

_____

Transferee's Name (Print or Type)

_____

_____

Transferee's Complete Mailing Address (Print or Type)

****

By signing and dating this transfer agreement, transferor agrees to transfer this permit to the above noted party.

_____ _____

Transferor's Signature Date

_____

Transferor's Name (Print or Type)

_____

_____

Transferor's Complete Mailing Address (Print or Type)

It is the responsibility of the transferor to mail the original signed document to Coastal Management Division, P. O. Box 44487, Baton Rouge, LA 70804-4487. The transferor and transferee shall retain an approved copy of this document for their files.

Approved this _____ day of _____, 20____

DEPARTMENT OF NATURAL RESOURCES

_____

David W. Frugé, Administrator
Coastal Management Division

See Instructions

PROJECT COMMENCEMENT NOTIFICATION
COASTAL MANAGEMENT DIVISION
LA. DEPT. OF NATURAL RESOURCES
P.O. BOX 44487
BATON ROUGE, LA 70804-4487

CS

COASTAL USE PERMIT # P20021357

APPLICANT Mc Ilhenny Company

DATE PERMITTED WORK STARTED ON SITE: _____
MONTH/DAY/YEAR

Please enter in space provided the date on which approved work under your permit began, sign and return to this office within three (3) working days after that date.

IF YOU HAVE ANY QUESTIONS,
PLEASE WRITE OR TELEPHONE THIS OFFICE, 1-800-267-4019

_____
Signature



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

BUSINESS REPLY MAIL
FIRST-CLASS MAIL PERMIT NO. 265 BATON ROUGE LA
POSTAGE WILL BE PAID BY ADDRESSEE

COASTAL MANAGEMENT DIVISION
PO BOX 44487
BATON ROUGE LA 70804-9988

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT

P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: **P20111429**

C.O.E. No.: **MVN- 2011- 02856 WKK**

NAME: **BROUSSARD BROTHERS, INC.**
c/o TIM MORTON & ASSOCIATES, INC.
730 E. KALISTE SALOOM ROAD
LAFAYETTE, LA 70508
Attn: Tim Morton

LOCATION: **Vermilion Parish, LA**
Existing boat slip off of Intracoastal Canal; Intracoastal City, LA. Section 90; T14S-R3E. Bulkhead POB: Lat. 29° 46' 48"N, Long. 92° 10' 40"W; POE: Lat. 29° 46' 47"N, Long. 92° 10' 38"W.

DESCRIPTION: Proposed construction of approximately 209' of bulkhead to replace an existing bulkhead that has deteriorated. Approximately 138 cubic yards of limestone material will be deposited between the old and new bulkhead. About 19 tie backs will be installed with approx. 9 cubic yards of excavation per trench. The tie back piling trenches will be excavated in a limestone parking lot and workspace.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, and/or operate the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Office of Coastal Management of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Office of Coastal Management by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two years from the date of the signature of the Secretary or his designee. If the coastal use is not initiated within this two year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for the purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith, and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

a. Permittee shall, prior to commencement of the herein permitted activities, contact Rhonda Braud (phone: 225-342-4553, email: rhonda.braud@la.gov) to determine if a construction permit will be required from the local levee district.

b. All logs, stumps and other debris encountered during dredging activities shall be removed from the site during or immediately after the activity and disposed of in accordance with all applicable laws and regulations.

c. That permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary treatment (30 mg/l BOD5) with disinfection prior to discharge into any of the streams or adjacent waters of the area or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.

d. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

e. All structures built under the authorization and conditions of this permit shall be removed from the site within 120 days of abandonment of the facilities for the herein permitted use, or when these structures fall into a state of disrepair such that they can no longer function as intended. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for such removal activities.

f. As-built drawings and/or plats 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.

g. Structures must be marked/lighted in accordance with U. S. Coast Guard regulations.

h. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

i. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.

j. Permittee shall allow representatives of the Office of Coastal Management or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.

k. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.

l. This permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D.).

Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

The expiration date of this permit is five (5) years from the date of the signature of the Secretary or his designee.

Upon expiration of this permit, a new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

********** End of Conditions **********

By accepting this permit the applicant agrees to its terms and conditions.

I affix my signature and issue this permit this 20th day of December, 2011.

THE DEPARTMENT OF NATURAL RESOURCES

Karl L. Morgan, Administrator
Office of Coastal Management

This agreement becomes binding when signed by Administrator of
the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

Attachments

Final Plats:

1) P20111429 Final Plats 10/31/2011

cc: Pete Serio, COE w/attachments
Dave Butler, LDWF w/attachments
Stephen Broussard, LED w/attachments
Johan Forsman, DHH w/attachments
Jessica Diez, OCM w/attachments
Charlie Mestayer, OCM/FI w/attachments

BROUSSARD BROTHERS, INC. w/attachments



VICINITY MAP

REPRODUCED FROM STATE HIGHWAY MAP

BEGIN BULKHEAD	
X=	3,012,960' (83)
Y=	466,429'
Lat=	29°46'48"N
Lon=	92°10'40"W
X=	1,732,161' (27)
Y=	405,721'

END BULKHEAD	
X=	3,013,151' (83)
Y=	466,356'
Lat=	29°46'47"N
Lon=	92°10'38"W
X=	1,732,352' (27)
Y=	405,648'

LAMBERT GRID NORTH
NAD 1927 LA. S.Z.

2000' 0' 2000'

SCALE IN FEET

REFERENCE: BASE MAP FROM U.S.G.S. QUADRANGLE MAP "INTRACOASTAL CITY, LA." 1975, AT A SCALE OF 1:24,000.

PREPARED BY:

TIM MORTON & ASSOCIATES, INC.
REGULATORY & ENVIRONMENTAL CONSULTANTS
LAFAYETTE, LOUISIANA

JOB NO. 11-263

BROUSSARD BROTHERS, INC.
INTRACOASTAL CITY, LOUISIANA

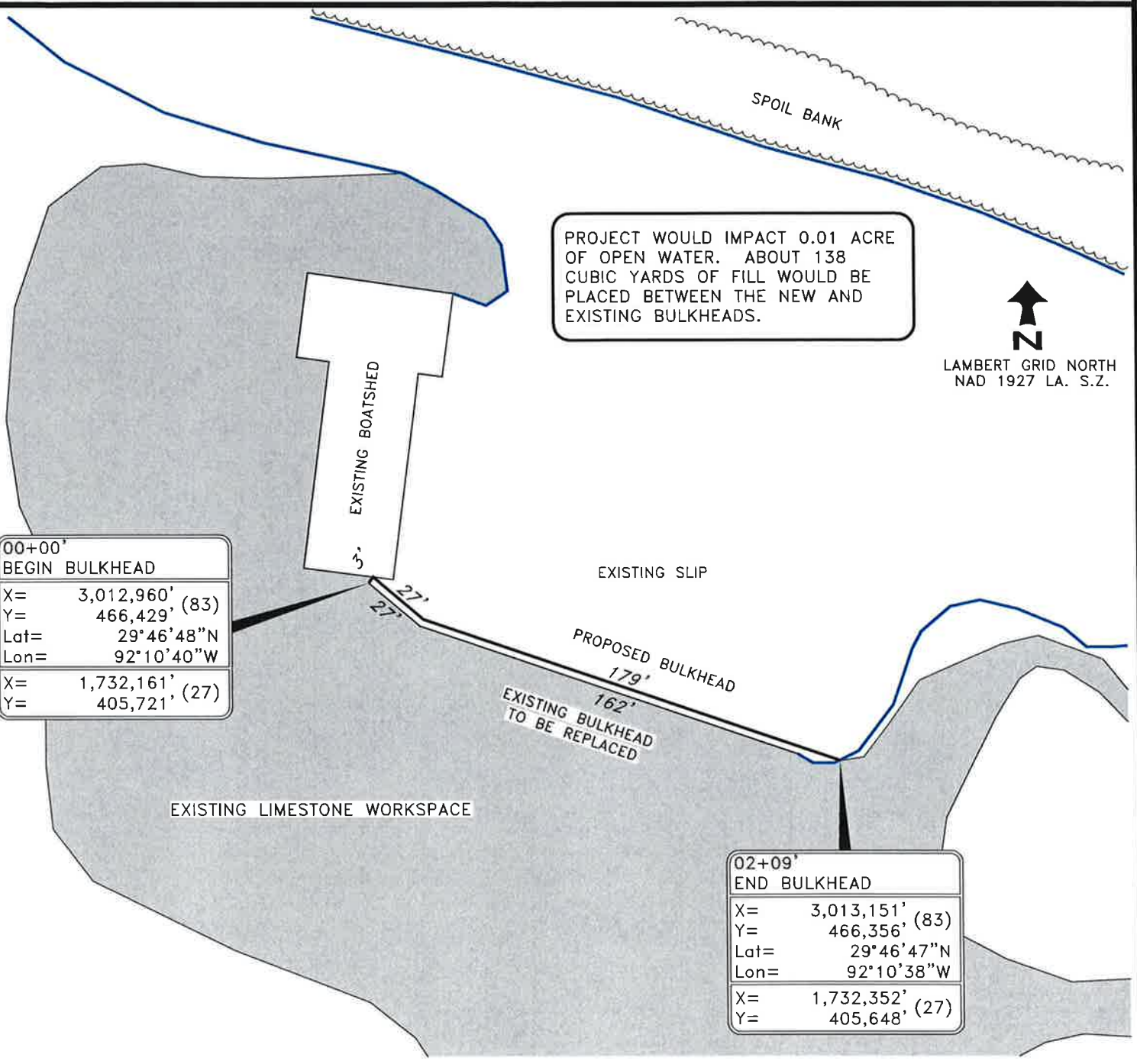
VICINITY PLAT

CREWBOAT DOCK BULKHEAD REPLACEMENT

VERMILION PARISH, LOUISIANA

REVISED OCTOBER 31, 2011
OCTOBER 11, 2011

SHEET 1 OF 3



BROUSSARD BROTHERS, INC.
INTRACOASTAL CITY, LOUISIANA

CREWBOAT DOCK BULKHEAD REPLACEMENT

SEC. 90, T14S – R3E

VERMILION PARISH, LOUISIANA

REVISED OCTOBER 31, 2011
OCTOBER 11, 2011

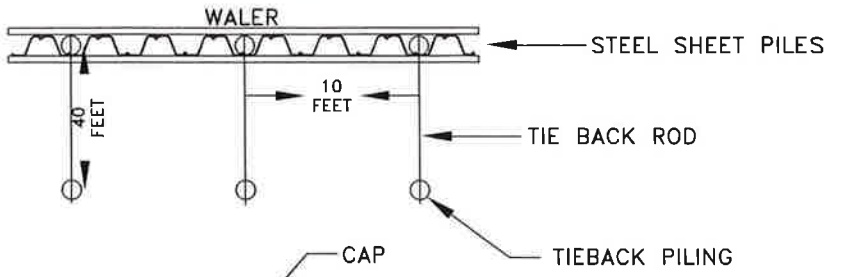
SHEET 2 OF 3

PREPARED BY:

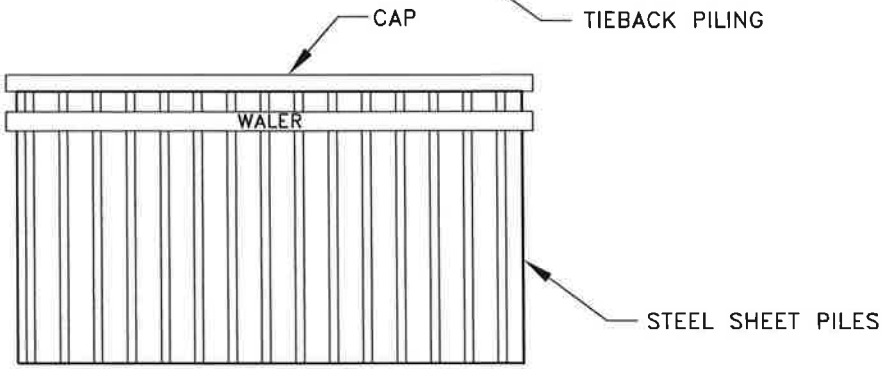
TIM MORTON & ASSOCIATES, INC.
REGULATORY & ENVIRONMENTAL CONSULTANTS
LAFAYETTE, LOUISIANA

JOB NO. 11-263

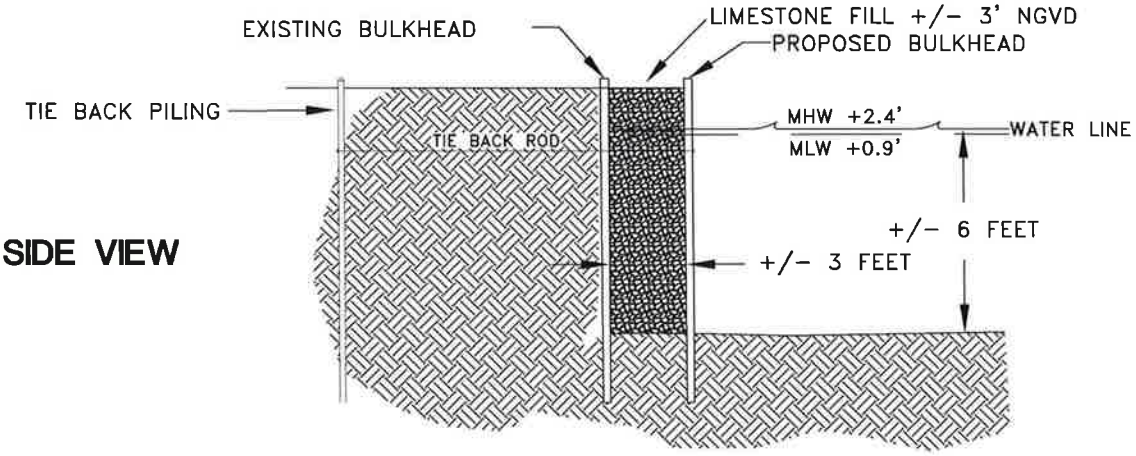
TOP VIEW



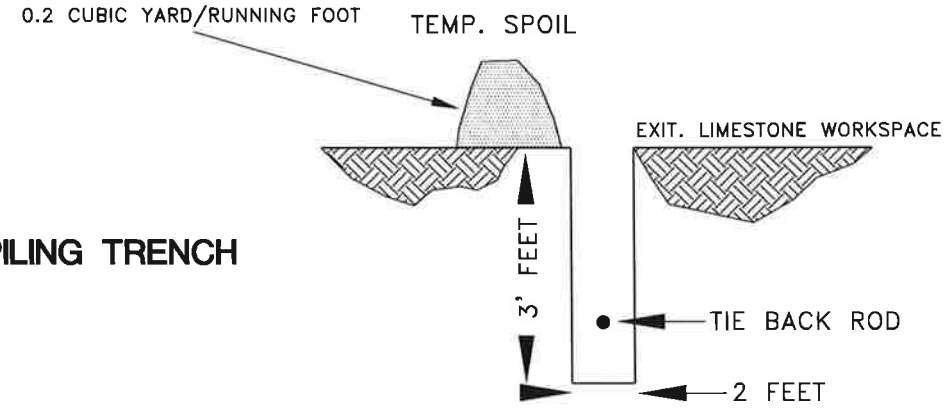
FRONT VIEW



SIDE VIEW



TIE BACK PILING TRENCH



STEEL BULKHEAD DETAIL
NOT TO SCALE

BROUSSARD BROTHERS, INC.
INTRACOASTAL CITY, LOUISIANA

CREWBOAT DOCK BULKHEAD REPLACEMENT
TYPICAL SECTIONS
VERMILION PARISH, LOUISIANA

REVISED OCTOBER 31, 2011
OCTOBER 11, 2011

SHEET 3 OF 3

PREPARED BY:
TIM MORTON & ASSOCIATES, INC.
REGULATORY & ENVIRONMENTAL CONSULTANTS
LAFAYETTE, LOUISIANA

JOB NO. 11-263

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT

P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: **P20121112**

C.O.E. No.: **MVN- 2012- 02812- WMM**

NAME: **SEGURA, RICKY C.**
7896 B. MAIN HWY
SAINT MARTINVILLE, LA 70582
Attn: Ricky C. Segura

LOCATION: **Vermilion Parish, LA**
Lat 29º 49' 57.99"N / Long -92º 03' 22.81"W

DESCRIPTION: Proposed 24' x 24' camp and 30' x 6' wharf along Boston Canal. No excavation or fill is required for this project.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, and/or operate the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Office of Coastal Management of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Office of Coastal Management by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two years from the date of the signature of the Secretary or his designee. If the coastal use is not initiated within this two year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for the purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith, and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

a. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

b. The following condition was received from Louisiana Department of Health and Hospitals (DHH):

Based upon the information received from your office we have no objection to the referenced project at this time, however the project may be subject to additional permit requirements. If the applicant intends to use onsite wastewater treatment and/or onsite potable water production/treatment facilities, the applicant shall obtain the required permits for such facilities from the DHH Parish Health Unit at the address provided below prior to commencing construction. This letter shall in no way be considered as such permits.

In the event of any future discovery of evidence of non-compliance with the Louisiana Administrative Code Title 51 (Public Health-Sanitary Code) and the Title 48 (Public Health-General) regulations or any applicable public health laws or statutes which may have escaped our awareness during the course of this cursory review, please be advised that this office's preliminary determination on this Public Notice of the project shall not be construed as absolving the applicant of responsibility, if any, with respect to compliance with the Louisiana Administrative Code Title 51 (Public Health-Sanitary Code) and the Title 48 (Public Health-General) regulations or any other applicable public health laws or statutes.

c. The water bottom shall not be disturbed during access to the proposed work location whether it be by dredging, wheel washing, propwashing, jetting, mucking, plowing, bull dozing or any other means of moving bottom material. Powered vessels shall be operated so as not to disturb the water bottom by propeller or jet action.

d. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

e. Structures must be marked/lighted in accordance with U. S. Coast Guard regulations.

f. All structures built under the authorization and conditions of this permit shall be removed from the site within 120 days of abandonment of the facilities for the herein permitted use, or when these structures fall into a state of disrepair such that they can no longer function as intended. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for such removal activities.

g. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.

h. Permittee shall allow representatives of the Office of Coastal Management or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.

i. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.

j. This permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D.). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

The expiration date of this permit is five (5) years from the date of the signature of the Secretary or his designee.

Upon expiration of this permit, a new Coastal Use Permit will be required for completion of any unfinished or

uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

********** End of Conditions **********

By accepting this permit the applicant agrees to its terms and conditions.

I affix my signature and issue this permit this 17th day of January, 2013.

THE DEPARTMENT OF NATURAL RESOURCES

Karl L. Morgan, Administrator
Office of Coastal Management

This agreement becomes binding when signed by Administrator of
the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

Attachments

Final Plats:

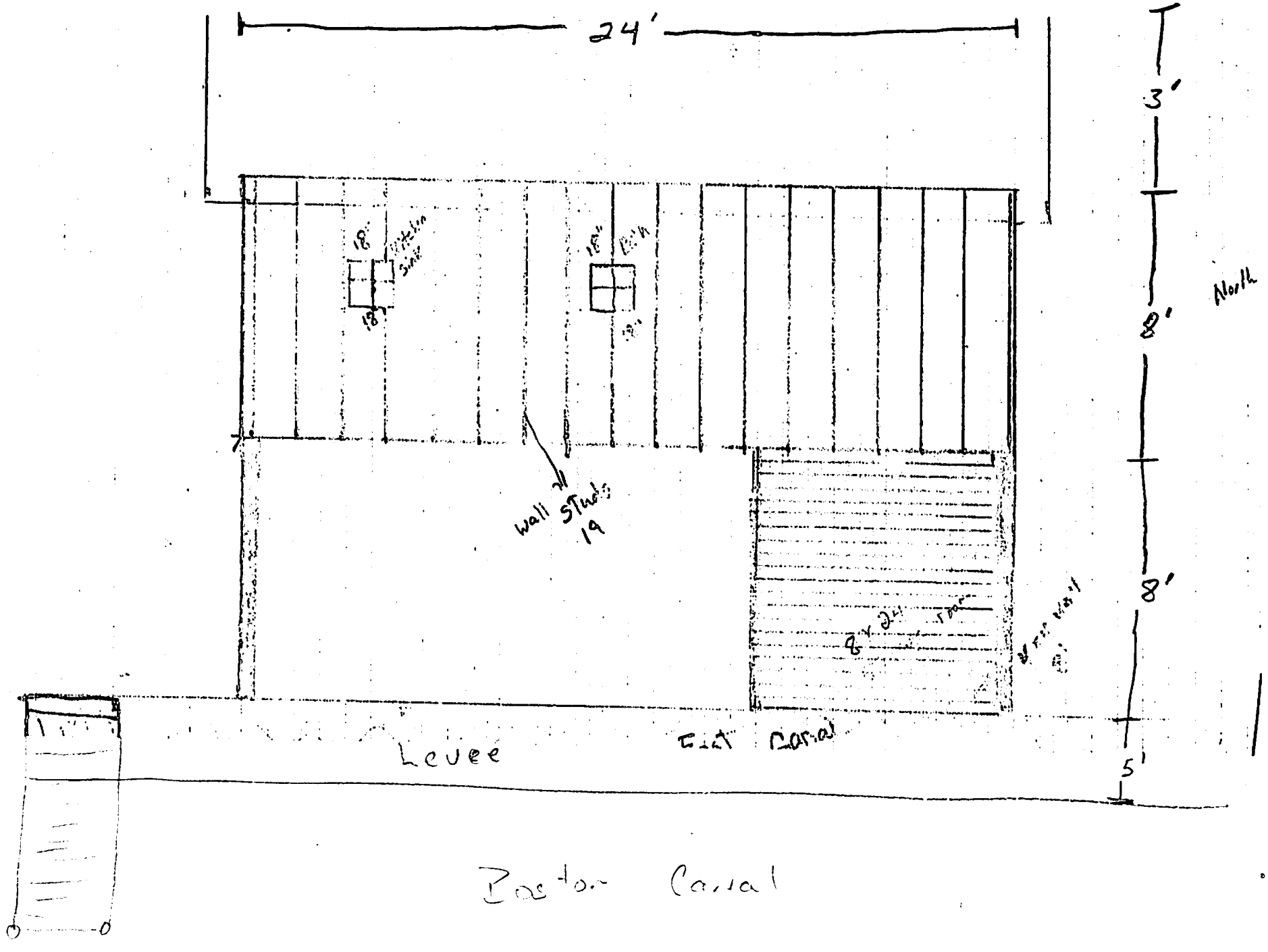
1) P20121112 Final Plats 12/05/2012

cc: Martin Mayer, COE w/attachments
Dave Butler, LDWF w/attachments
Stephen Broussard, LED w/attachments
Johan Forsman, DHH w/attachments
Jessica Diez, OCM w/attachments
Charlie Mestayer, OCM/FI w/attachments

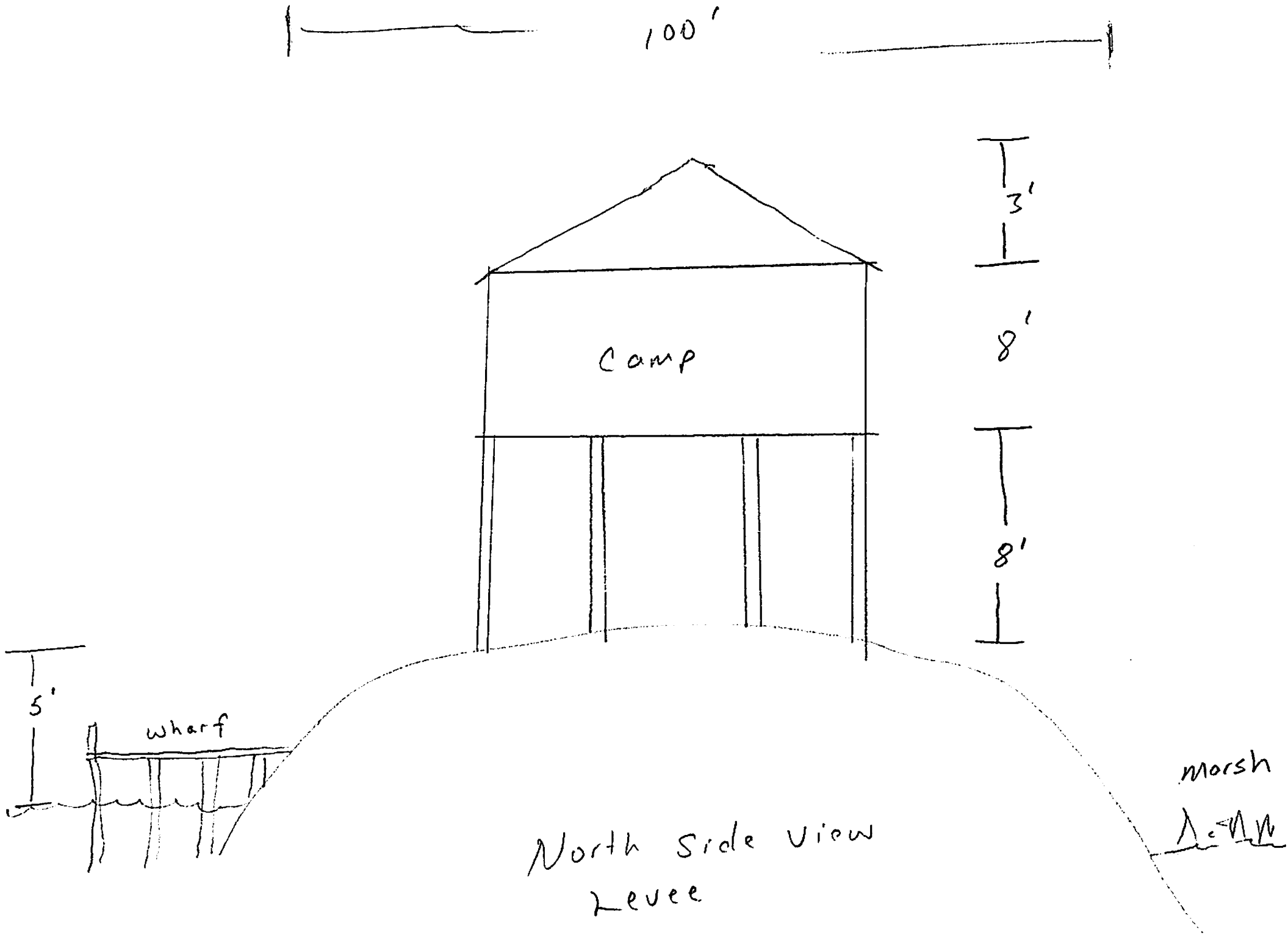

Palmetto Island
Marklee Island
Peter Lee Island
CAMP LOCATOIN
Maple Island
333
Stump Island
Gum Island
© 2012 Google
Google earth

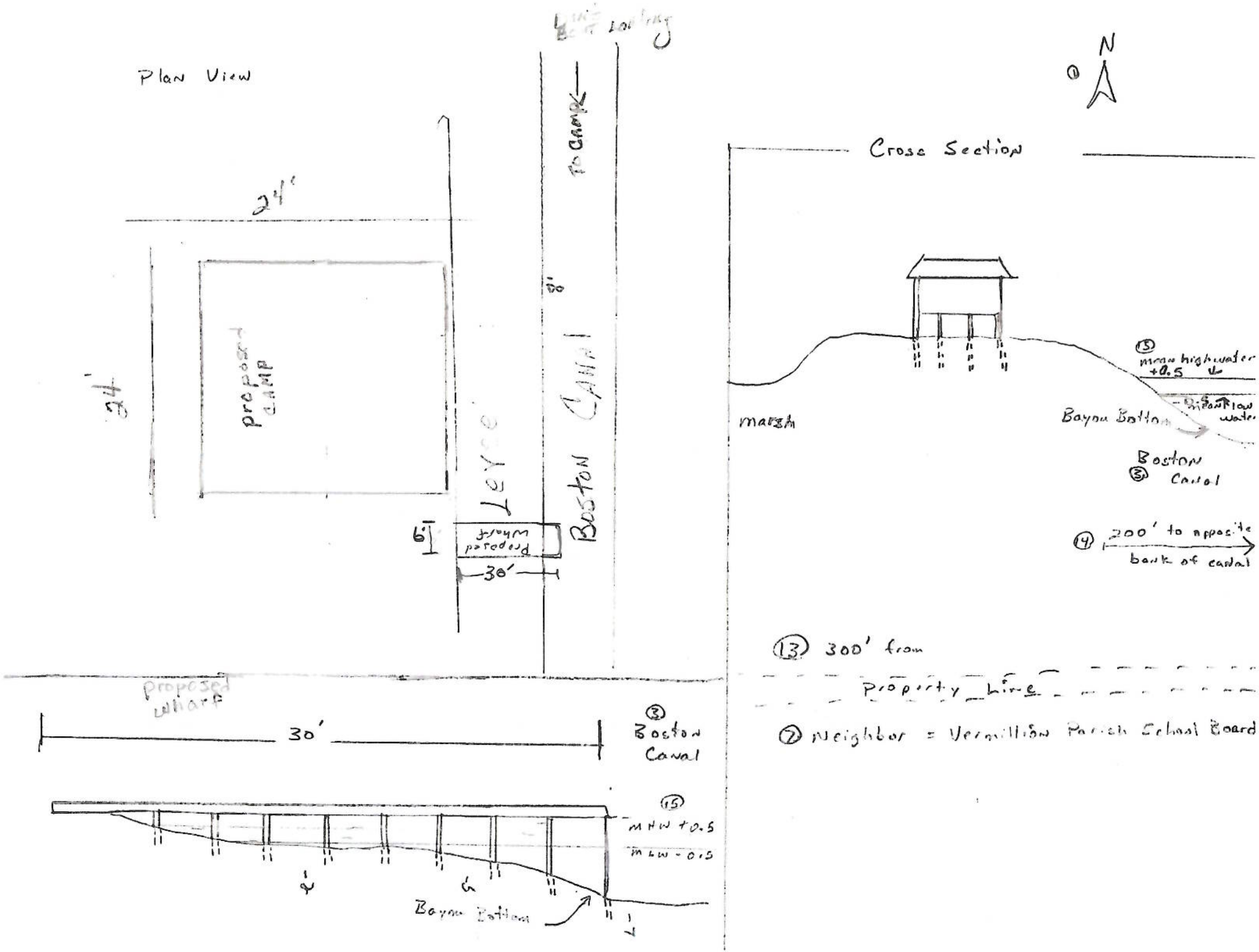


PROPOSED CAMP LOCATION: 29 49 57.99 N & 92 03 22.81 W. Approx. 200 yards south of an existing camp on the Boston canal.



East side view


100'
3'
8'
8'
Camp
5'
wharf
marsh
North Side View
Levee


Plan View
N
24'
54'
proposed CAMP
to camp
80'
Boston Canal
Levee
5'
proposed wharf
30'
proposed wharf
30'
③ Boston Canal
⑮ MHW +0.5
MLW -0.5
4'
6'
Bayou Bottom
Cross Section
⑮ mean high water +0.5
marsh
Bayou Bottom
Boston Canal
③
⑭ 200' to opposite bank of canal
⑬ 300' from Property line
② Neighbor = Vermillion Parish School Board

P20121112 – Notes

There will be no dredge/fill material for this project.

The average water depth along the access route is **8** feet

The proposed work area for the camp construction is **24** feet x **24** feet

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT
P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487

(225) 342-7591
1-800-267-4019

COASTAL USE AUTHORIZATION/CONSISTENCY DETERMINATION

C.U.P No.: **P20111579**

NAME : **CGGVERITAS**
WRAY, PETER
1920 CHERYL
ABBEVILLE, LA 70510
Attn: Peter Wray

LOCATION: **Iberia, Vermilion Parishes, LA**
Southwest corner of survey area @ Lat. 29º 49' 28.73"N, Long. 92º 07' 56.40"W; Northwest corner @ Lat. 29º 54' 11.66"N, Long. 92º 07' 58.66"W; Northeast corner @ Lat. 29º 55' 22.49"N, Long. 91º 58' 54.27"W; Southeast corner @ Lat. 29º 50' 28.93"N, Long. 91º 57' 51.55"W; Erath, LA.

DESCRIPTION: Conduct a 3-D Seismic Survey over 69.35 square miles (44,160 ac.). The survey will consists of 4,988 shot holes, each hole measuring 80' deep x 4" diameter. Some source points have little surface water and will require a water pit measuring 3' x 2'. Approximately 1,421 cu. yds. of material will be displaced during seismic activities.

Pursuant to the Louisiana Administrative Code, Title 43, §723.E, you are hereby notified that the referenced activity is authorized by Coastal Use Permit(s) GP - 22. As stated in condition 12.I.D. of GP - 22, Office of Coastal Management may issue approval under the authority of this General Permit with additional Operating Conditions. This authorization is valid, therefore, only if the permittee adheres to the following condition(s):

a. That permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary treatment (30 mg/l BOD5) with disinfection prior to discharge into any of the streams or adjacent waters of the area or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.

b. Permittee shall obtain a Water Quality Certification, should one be required, from the LA Department of Environmental Quality prior to initiation of any construction activities.

c. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

d. The requirement for compensatory mitigation for impacts to marsh habitat resulting from the referenced project will be determined after one full growing season (March 1 to November 1) following the completion of the permitted activities. This assessment shall include both primary impacts and secondary impacts which may result from the permitted activities.

Permittee shall provide pre- and post-construction scaled aerial photographic documentation at a scale of 1" = 400' or smaller (showing more detail) that clearly shows the entire permitted work area. The pre- and post-construction photos should be at the same scale. The post-construction documentation shall be acquired (photos actually taken) and submitted within 60 days of the end of the first full growing season following completion of the project. Permittee shall notify OCM of the date of completion of permitted activities within 5 working days of completion.

If OCM determines that compensatory mitigation is required, permittee shall submit a compensatory mitigation plan for approval within 30 days of notification of the compensatory mitigation requirements by OCM. All necessary approvals shall be obtained for the compensatory mitigation plan and the plan shall be implemented as directed by OCM. Permittee should be aware that compensatory mitigation projects may be required to be maintained for as many as 20 years for marsh mitigation projects and 50 years for forested wetland mitigation projects. A processing fee will be assessed for the determination of compensatory mitigation requirements and evaluation of the proposed compensatory mitigation plan in accordance with LAC Title 43, Part I, Chapter 7, §724.D. This fee shall apply regardless of which compensatory mitigation option is selected and does not include the cost incurred to implement the required compensatory mitigation.

e. No trees shall be removed during project activities.

f. The applicant shall obtain clearance from LDWF's seismic program for the proposed activity. Contact LDWF Biologist Joe Maryman at 225-765-2380 for further information.

This determination is valid for two (2) years from the date of this letter. If the proposed activity is not initiated within this two year period, this determination will expire. The applicant will notify the Office of Coastal Management of the date on which initiation of the proposed activity began by entering a commencement date through the online system, or by mailing said information to OCM. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

This determination has been made based on the information provided in your application showing that either no dredging or limited dredging would be necessary to access to the work site. Dredging beyond that described in your application, including prop washing, wheel washing, or otherwise displacing water bottom material is not authorized by this determination. If site conditions are such that dredging beyond that authorized is necessary, a revised determination including agency or public notice if applicable, will be required.

This determination has been made on the basis of information provided by your application. If it is later established that you furnished erroneous data, you may be directed to alter or modify your plans, to remove structures you have installed, and/or to restore the work area to pre-project conditions at your own expense. If it is established that you knowingly furnished erroneous data, you could also be subject to legal action.

This determination does not eliminate the need to obtain a permit from the United States Army, Corps of

Engineers or any other Federal, state or local approval that may be required by law. The drawings submitted with your referenced application are attached hereto and made a part of the record. If you have any questions regarding this authorization, please contact our office (225) 342-7591 or (800) 267-4019.

******* End of Determination *******

By accepting this determination the applicant agrees to its terms and conditions.

I affix my signature and issue this determination this 27th day of January, 2012.

DEPARTMENT OF NATURAL RESOURCES

Karl L Morgan

_____

Karl L. Morgan, Administrator
Office of Coastal Management

This agreement becomes binding when signed by the Administrator of
the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

Attachments

Final Plats:

1) P20111579 Final Plats 12/07/2011

cc: Pete Serio, COE w/attachments
Dave Butler, LDWF w/attachments
Byron Miller, DNR/OC w/attachments
Jessica Diez, OCM w/attachments
Charlie Mestayer, OCM/FI w/attachments

CGGVERITAS w/attachments

GP-22 Conditions

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permitted agrees to:

1. Carry out, perform, operate and maintain the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter, or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Office of Coastal Management of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Coastal Management Division by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two years from the date of the signature of the Secretary or his designee. If the coastal use is not initiated within this two year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permitted must, in good faith and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

I. General Conditions

A. The Secretary of DNR has determined that full individual permit processing by OCM is in the public interest in order to determine whether proposed activities qualify for authorization under the authority of this General Permit. This full individual permit processing will consist of review by the staff of OCM of each authorization request. Therefore, pursuant to the Rules and Procedures for Coastal Use Permits, Title 43, Subpart 723.C.3.a, of the Louisiana Code of Administrative Procedure, an application fee will be assessed for activities proposed for authorization under the authority of this General Permit. If appropriate, processing fees and appropriate mitigation plan processing fees will also be assessed.

B. A standard Joint Application Form shall be completed and submitted to OCM along with drawings depicting the location and character of work proposed for approval under the authority of this General Permit. The applicant shall submit a complete application packet (forms and plats) to OCM. The application shall be accompanied by the application fee in effect at the time of application submittal. This General Permit shall not apply if the proposed work is determined not to meet the criteria. The applicant shall be advised within five (5) calendar days of receipt of the complete application that the application shall be processed as an individual CUP if the determination is made that the proposed activity is not consistent with this General Permit.

C. Individual written approvals from OCM must be obtained prior to the commencement of any individual activity proposed under the authority of this General Permit.

D. Should OCM deem that they may have an interest in the project, prior to issuance of authorization for an individual activity under this General Permit, the following agencies shall have a ten (10) calendar day period to review the proposed activity: the Louisiana Departments of Wildlife and Fisheries; Health and Hospitals; Environmental Quality; Office of Coastal Protection and Restoration; Culture, Recreation, and Tourism ; Transportation and Development; State Land Office; and the approved Parish Local Program, if applicable. OCM may issue authorization for the proposed activity after the ten-day review period or after receiving notification by each of the agencies, either in writing or by telephone, that there are no objections to the proposed activity. However, the final decision for the issuance of authorization for individual activities under the authority of this General Permit, to issue approval with modifications or additional Operating Conditions, or to deny approval for the proposed work, shall be made by the Secretary of DNR.

E. Should it be deemed in the public interest, the Secretary shall deny authorization to perform work under the authority of this General Permit and require the applicant to obtain an individual CUP for the proposed activity.

F. Unless otherwise specified in the General Permit or specific work approval, authorization for work under the authority of this General Permit shall expire if the work is not initiated and completed within two (2) years from the date of issuance of the written individual approval. Initiation of the Coastal Use, for purposes of this General Permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. All activities authorized under the authority of this General Permit must be completed within 90 days of initiation of the work, with a one-time mobilization, unless a different time schedule is specifically approved by OCM.

G. The Term of this General Permit shall be five (5) years from the date of issuance, except as provided for in LAC 43 Subpart 723.E.3.b. The term of individual authorizations issued under the authority of this General

Permit shall be two years from the date of issuance of the original individual authorization.

H. The permittee shall notify OCM of commencement of work which is authorized under the authority of this General Permit. The permittee shall notify OCM by either providing the information in writing or entering the information through the online system, within three (3) days of the date of initiation of the authorized work.

I. Issuance of approval under the authority of this General Permit does not relieve the applicant of obtaining other lawfully required permits (local, state, or federal) before commencing work.

J. The permittee shall allow representatives of OCM or authorized agents to make periodic, unannounced inspections to assure the activity is being performed in accordance with the conditions of the permit.

K. Work carried out under the authority of this General Permit shall conform to all appropriate state and federal safety regulations.

L. An authorization issued under the authority of this General Permit may not be transferred to another party without giving prior notice to and receiving written approval from the OCM Administrator. A transfer form can be downloaded at http://dnr.louisiana.gov/crm/coastmgt/cup/cup.asp, or can be provided upon request.

M. Work carried out under the authority of this General Permit shall be performed in full compliance with the rules and regulations of DNR which exist at the time of approval for that work.

N. Permittee shall defend, indemnify, and hold harmless the State of Louisiana, and all of its agencies and subdivisions, employees, officers, attorneys and agents from any and all claims, suits, disputes, liabilities, costs, attorney's fees, damages, fines, penalties, or losses, filed or made in relation to any use or activities by, for or, of the applicant pursuant to this authorization.

II. Operating Conditions

A. All logs, stumps and other debris unearthed during dredging shall be removed to an approved disposal site on land.

B. Spoil shall not be placed in or block any tidal sloughs.

C. This General Permit does not convey any property rights, mineral rights, or exclusive privileges, nor does it authorize injury to property.

D. If archaeological, historical or other cultural resources are encountered during activities authorized under the authority of this General Permit, work shall cease and the applicant shall immediately notify the Division of Archaeology, Louisiana Department of Culture, Recreation, and Tourism (CRT) (P. O. Box 44247, Baton Rouge, LA 70804) and OCM (P. O. Box 44487, Baton Rouge, LA 70804-4487, (225) 342-7591). Work may not resume until written approval is obtained from CRT.

E. If the project authorized under the authority of this General Permit is located on the aboriginal homelands of the Chitimacha Tribe of Louisiana and/or at any time during the course of work any traditional cultural properties are discovered, the permittee shall immediately contact the Chitimacha Tribe of Louisiana (P.O. Box 661, Charenton, LA 70523 Phone (337) 923-7215).

F. The permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject

project activity and at the site, thereafter, as may become necessary shall not be discharged into any of the streams or adjacent waters of the area without authorization from DHH and/or LDEQ or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code and LDEQ regulations. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals (DHH) for purpose of review and approval prior to any utilization of such provisions.

G. All activities involving any discharge of pollutants must be consistent with applicable water quality standards and any necessary permits issued through the Department of Environmental Quality/Office of Water Resources must be obtained.

H. The permittee shall comply with all applicable laws regarding the need to contact the Louisiana One Call System phone (800) 272-3020, "Call before you dig - dial 811" or online at http://www.laonecall.com/howtouseus.htm to locate any buried cables and pipelines.

I. The permittee is subject to all laws related to damages which are demonstrated to have been caused by the permitted activities.

J. Dredging and/or filling activities authorized under the authority of this General Permit shall not exceed the volume specified in the project description of the individual authorization.

K. The requirement for compensatory mitigation for impacts to wetlands resulting from the referenced project will be determined after one full growing season (March 1 to November 1) following the completion of the permitted activities. This assessment shall include both primary impacts and secondary impacts which may result from the permitted activities.

If OCM determines that compensatory mitigation is required, Permittee shall submit a compensatory mitigation plan for approval within 30 days of notification of the compensatory mitigation requirements by OCM. All necessary approvals shall be obtained for the compensatory mitigation plan and the plan shall be implemented as directed by OCM. Permittee should be aware that compensatory mitigation projects may be required to be maintained for as many as 20 years for marsh mitigation projects and 50 years for forested wetland mitigation projects. A processing fee will be assessed for the determination of compensatory mitigation requirements and evaluation of the proposed compensatory mitigation plan in accordance with LAC Title 43, Part I, Chapter 7, §724.D. This fee shall apply regardless of which compensatory mitigation option is selected and does not include the cost incurred to implement the required compensatory mitigation.

L. Individual activities authorized under the authority of this General Permit and occurring on property owned or managed by LDWF, including but not limited to Public Oyster Seed Grounds, Wildlife Management Areas, or Wildlife Refuges, shall be subject to and conditioned accordingly per the Memorandum of Understanding between LDWF and LDNR, and all subsequent amendments to said document.

M. Individual activities authorized under the authority of this General Permit shall be carried out on a one-time basis, during a one-time mobilization, except in situations where sequential phases (e.g., use of different types of dredging techniques, or phased construction) may be specified in the work statement of the individual authorization. Additional authorizations may be necessary for maintenance activities or work beyond the scope of the authorized activities.

III. This General Permit does not apply in the following locations without prior written authorization from

the appropriate agencies:

A. Work under the authority of this General Permit shall not be approved in the following areas, unless the applicant first provides a letter of no objection from the Louisiana Department of Wildlife and Fisheries:

1.) Within the boundary of or within a currently productive oyster seed ground, oyster seed reservation or public oyster harvesting area; or
2.) Within the boundaries of a LDWF owned or managed Wildlife Management Area or Wildlife Refuge.
3.) Within 1,000 feet, or other distance deemed appropriate by LDWF, of a known bald eagle nest.
4.) Within 1,500 feet, or other distance deemed appropriate by LDWF, of a known bird rookery area.
5.) Within the officially designated critical habitat of a threatened or endangered species.

B. Work under the authority of this General Permit shall not be approved in the following areas, unless the applicant first provides a letter of no objection from the Louisiana Department of Culture, Recreation, and Tourism:

1.) Within a State Park, State Recreation Area or State Commemorative Area; or
2.) Within any known historic or archaeological site or within the boundaries of an historical district.

C. Within 1,000 feet of an established navigation channel, fairway or anchorage area constructed, owned, operated, or maintained by federal, state or local governments, or with federal, state or local government funds unless:

1.) The request is accompanied by written consent from each appropriate agency or governing body; or
2.) There is a physical barrier that isolates the project site from the navigation channel, fairway or anchorage area.

D. Within 1,500 feet of the Mississippi River or Atchafalaya River levees or within 300 feet of all other levees or other flood control structures which are owned, operated or maintained by the federal government, or with federal funds, without the written consent of each appropriate agency or governing body.

E. Within 1,000 feet of levees or other flood control facilities constructed, owned, operated or maintained by state or local governments, or with state or local government funds, without the written consent of each appropriate agency or governing body.

F. Within 1,500 feet of a barrier island, barrier island feature, chenier or other coastal feature without the approval of the appropriate resource agencies that OCM determines to have programmatic interests.

IV. This General Permit does NOT apply in the following situations:

A. Within 1,000 feet of an area determined to be an unique ecological feature by the Secretary of DNR.

B. Within Special Significance Areas designated pursuant to R.S. 49:214.41(F) and those rules and regulations adopted thereunder, where applicable.

C. Within the boundaries of a national park or monument, national wildlife refuge or established buffer zone for any such national site.

V. Special Conditions

A. The permittee shall provide OCM with information on the specifications for all heavy equipment, vessels and vehicles which are planned to be used during surveys. Specifications are to include weight and maximum track width of all tracked vehicles, weight and maximum tire width of all wheeled off-road vehicles, width and maximum loaded draft of all water-borne vessels and weight, overall size and skid sizes of any skidded equipment. The applicant shall provide OCM with a grid map that shows the layout of the locations of the transmission and receiving stations for the seismic operations and the routes to be used to access the locations.

B. If the permittee determines that watering pits are necessary for the seismic survey work, an estimate of the size, number and maximum total cubic yardage of the watering pits must be made as part of the application. If the permittee does not provide this information, watering pits will not be authorized.

C. All activities authorized under the authority of this General Permit shall be in strict adherence to all regulations of the LA Department of Wildlife and Fisheries and Office of Mineral Resources, Department of Natural Resources, governing seismographic operations.

D. Landowners; oyster or other surface lease holders; and levee, road, pipeline or other right-of-way holders shall be notified by applicant before seismographic operations occur on their holdings.

E. No activity shall present a hazard to navigation. All structures shall be marked with the correct aids to navigation in accordance with U.S. Coast Guard and the U.S. Army Corps of Engineers regulations.

F. Adverse impacts on fish, wildlife, and the environment shall be minimized. Minimization of damage to coastal waters, fragile marsh soils and vegetation, and sensitive features of other wetland habitats shall be accomplished by conducting all activities in accordance with International Geophysical Contractors standards delineated in IAGC's "Environmental Guidelines For Worldwide Geophysical Operations" (1994) or revisions thereof.

G. The permittee shall, wherever possible, restore any wetlands that are disturbed during work, including the temporary crossing of wetland areas, to their pre-project elevations and conditions. This condition does not preclude the necessity of obtaining a separate Coastal Use Permit for such restoration activities, if one is required. The applicant will be required to mitigate for any impacted, unrestored wetlands.

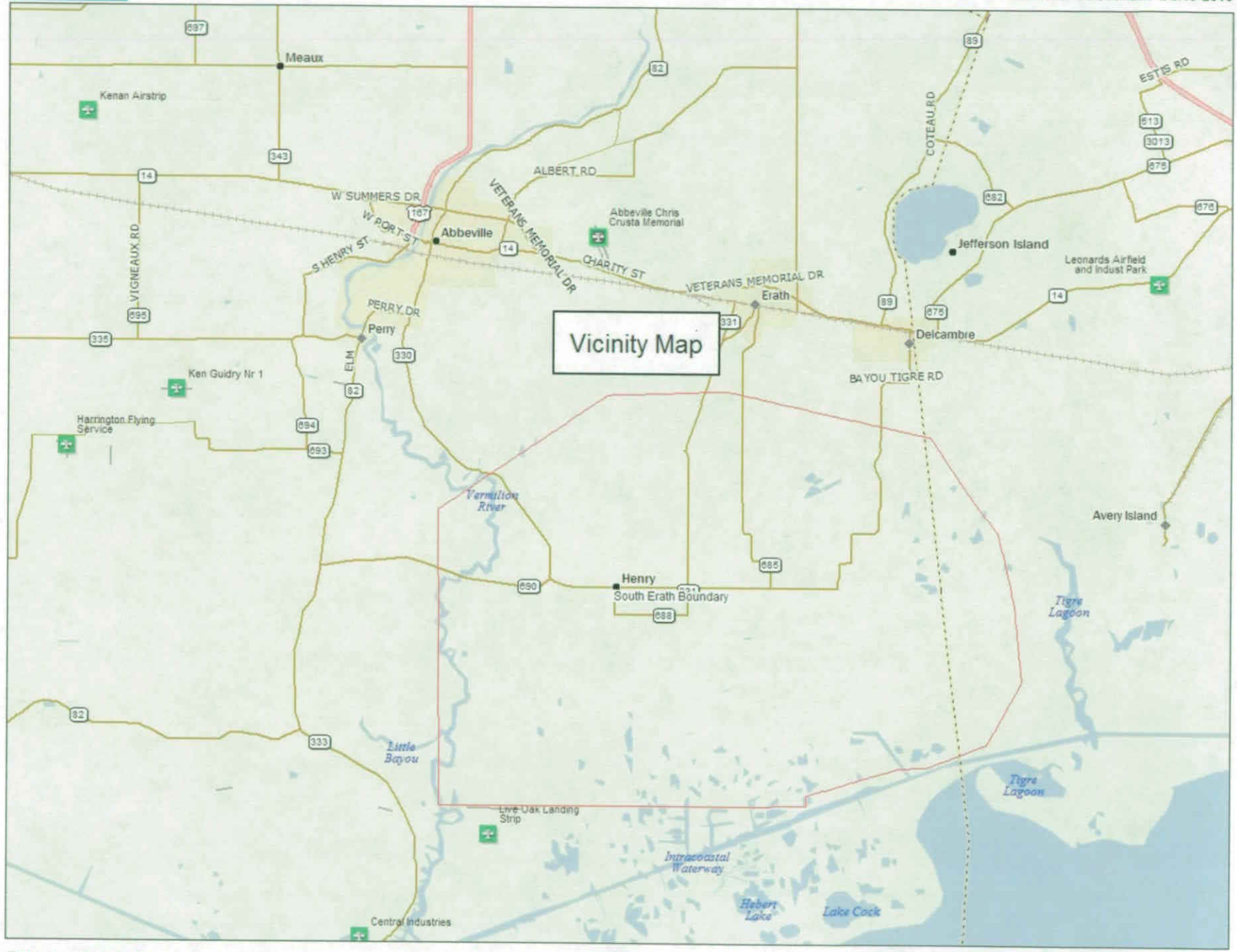
H. For each individual seismic survey the permittee shall provide pre- and post-survey aerial photographic documentation that clearly shows all vegetated wetlands within the project area. The scale of the photos must be 1:400. Substitution of commercially available aerial photography for pre-project documentation may be approved by OCM, on a project by project basis, when it would provide sufficient detail and the permittee can demonstrate that obtaining project-specific aerial photography would present an economic hardship that would make the project infeasible. Such approval must be obtained prior to commencement of operations. The pre-survey documentation shall be submitted within 10 days of initiation of the seismic survey, the post-survey documentation shall be submitted within 30 days of completions.

I. The permittee shall notify OCM of the date of completion of each individual survey within five (5) working days of completion.

J. Notification of each individual seismic survey shall be sent at least twenty (20) days prior, but not more than six weeks prior, to commencement of work, to CMD at the Baton Rouge office and the appropriate field investigator(s) listed below. Notification shall be made by providing a Notification of Commencement of Seismic Operations form (enclosed), or a letter of explanation with anticipated date of initiation and completion, a description of techniques to be used, and the methods of access, along with project plats showing the locality and route for each survey line.

DeLorme

DeLorme Street Atlas USA® 2010



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www.delorme.com

MN (1.2° E)

0 1 2 3 4 mi

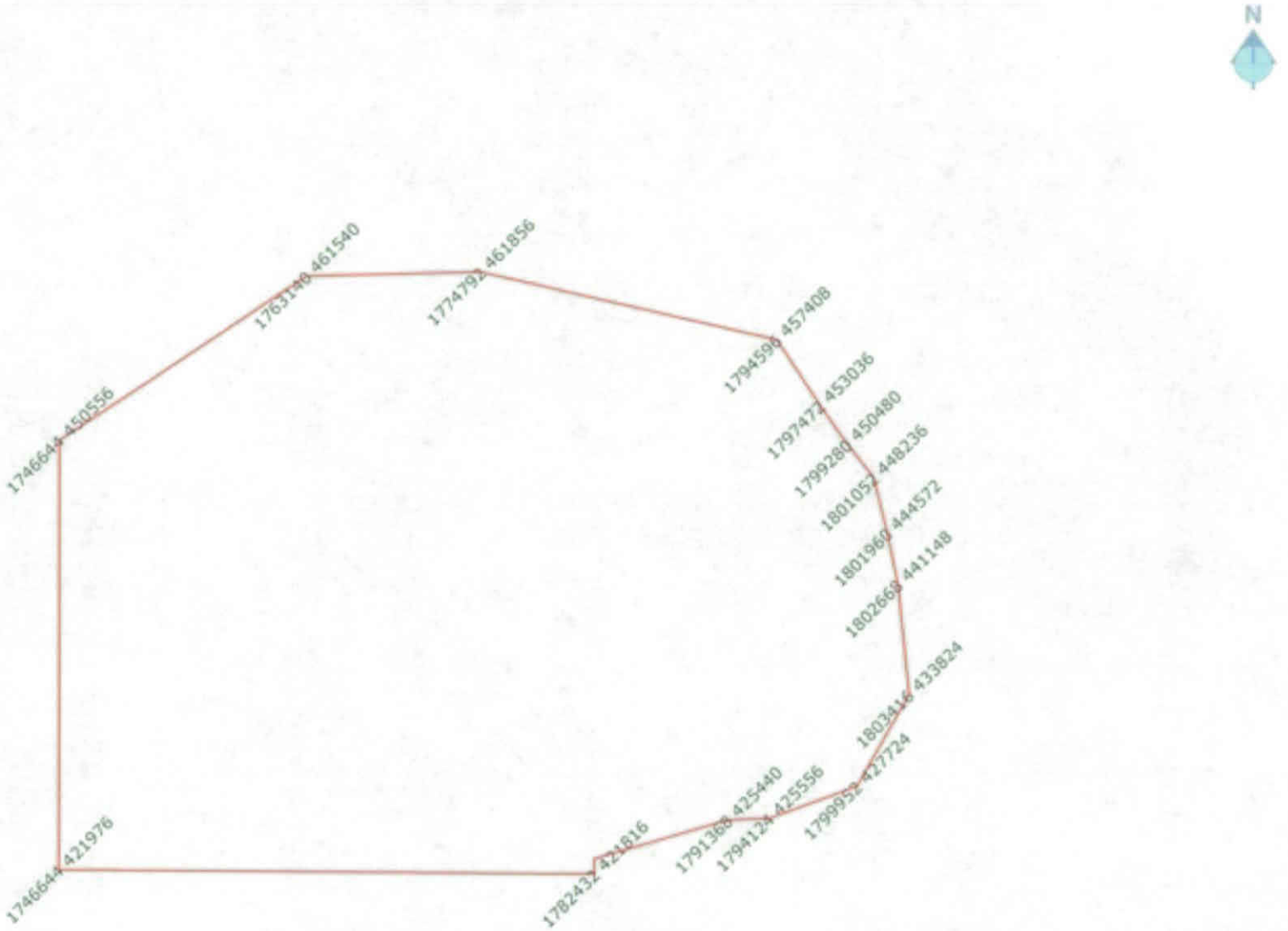
Data Zoom 10-4

LAT LON Coordinates of South Erath Survey



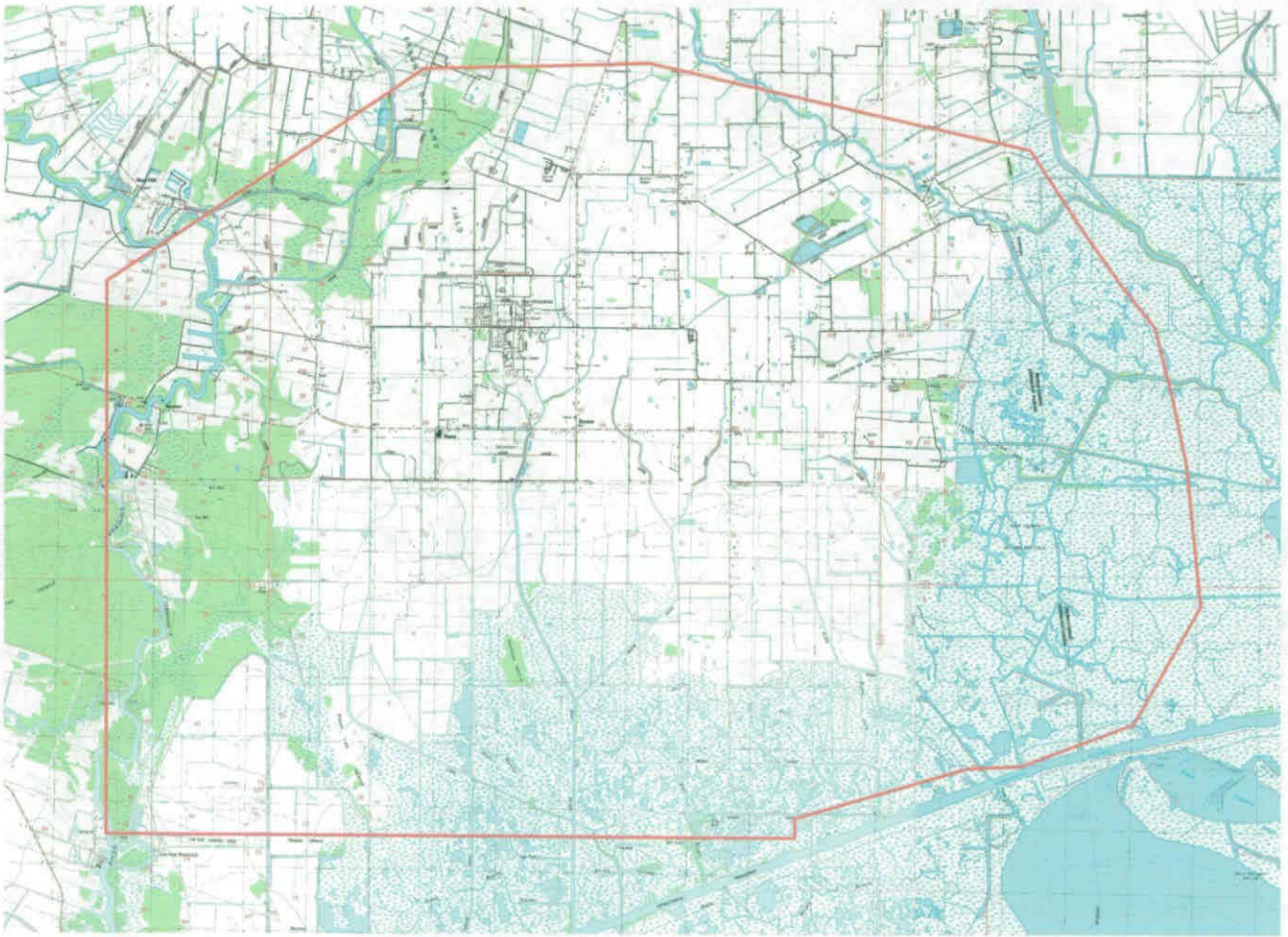
See Attached .shp files and .dxf files

XY Coordinates of the South Erath Survey



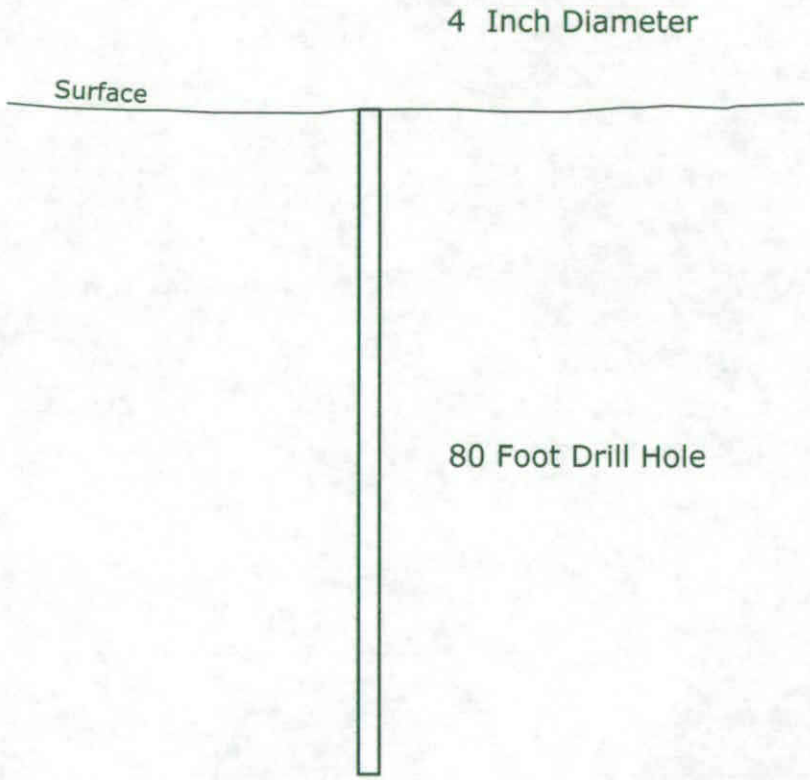
See Attached .shp files and .dxf files

South Erath 3D Survey 69.35 sq miles



Vermilion and Iberia Parishes

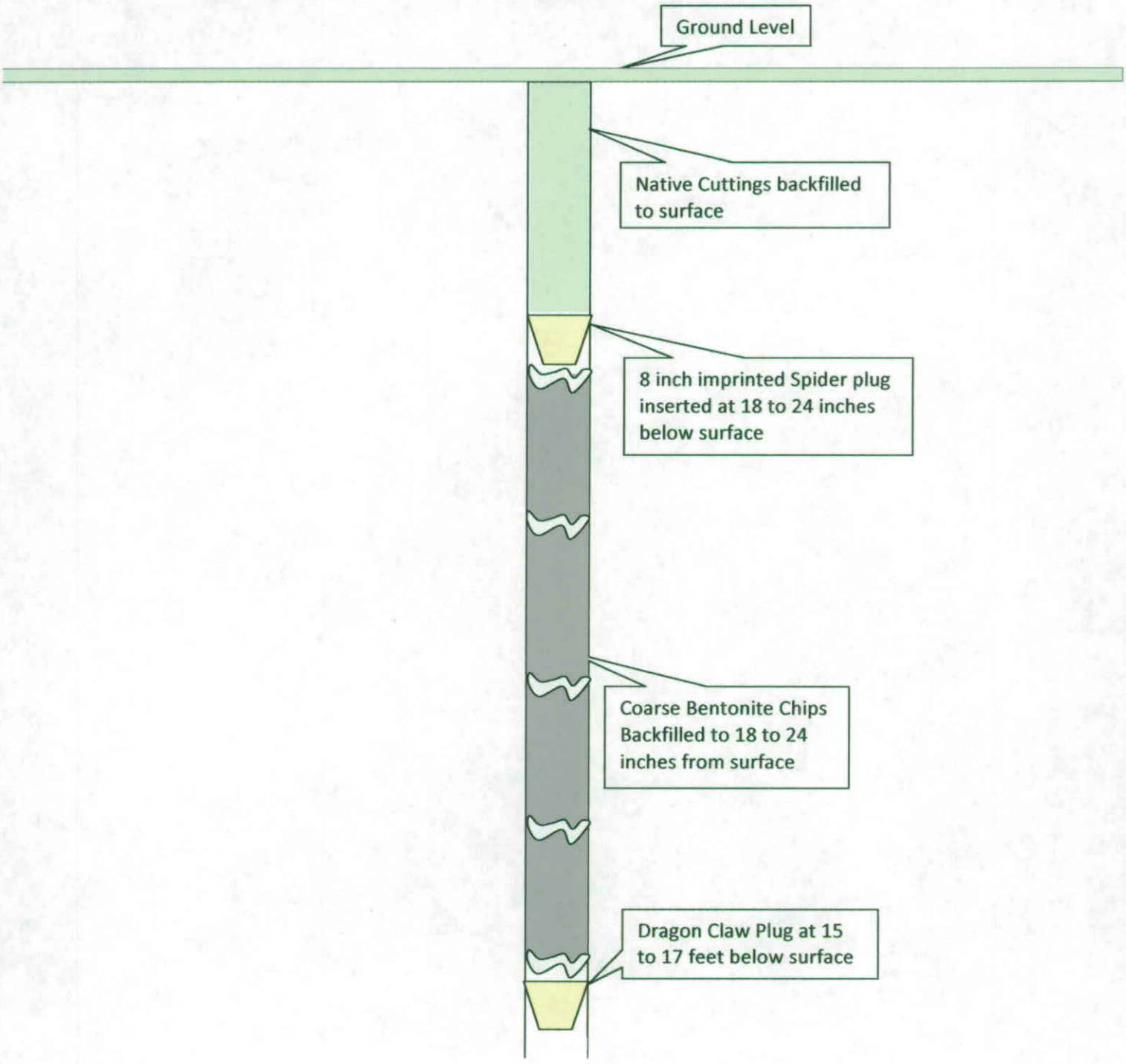
80 Foot Shot Hole



ENERGY SERVICES
337.896.6664 · omienergy.com

Procedures for Plugging Shot Holes

1. Shot hole will be drilled to requested depth.
2. Charge will be loaded into Shothole.
3. Driller will insert into Shothole bottom hole plug to a depth of 15 to 17 feet.
4. After bottom plug is inserted into Shothole, Driller will backfill to surface with Coarse Bentonite chips to a minimum of 18 to 24 inches from surface.
5. Driller will then insert top hole plug imprinted with Client's name at 18 to 24 inches.
6. Remaining void shall be backfilled with native cuttings to surface at ground level.



GEOPRIME® dBX™

High Performance Pentolite
Premium Seismic Energy Source

Technical Information



Product Description

GEOPRIME dBX is a high energy, high performance pentolite seismic explosive researched and engineered to increase elastic waves through improved coupling between the explosive energy and the earth. In a new approach to explosives application in geophysical exploration, GEOPRIME dBX offers high detonation velocity and superior low post-detonation gas production. GEOPRIME dBX produces improved seismic energy across the usable bandwidth for superior final stack data as well as improved signal-to-noise ratios. Designed by geophysicists and Dyno Nobel explosives engineers, GEOPRIME dBX is the next generation of seismic explosives.

Application Recommendations

- NEVER use Dyno Nobel seismic explosive products and/or components with explosive products and/or components made by other manufacturers.
- ALWAYS use Dyno Nobel's DiPED or Electric Super Seismic high strength detonator for optimum results.
- Recommended temperature range is -40° C to 65° C (-40° F to 150° F). GEOPRIME dBX is unaffected by extremely low temperatures but detonators produce less energy below -40° C (-40° F).
- ALWAYS use built-in cap wells for seismic detonators. Two detonators are recommended to minimize environmental issues with abandoned charges.
- ALWAYS use two Electric Super Seismic or DiPED Super Seismic detonators. A broken wire is the primary cause of abandoned seismic charges so protect your investment, increase performance and minimize liability. Require all personnel who

USE CAUTION WHEN SLEEP TIME IS ANTICIPATED

A loaded hole that is not shot immediately after the detonator tests positive with a ShotPoint Tracker™ or other testing device could fail for reasons beyond the control of the drill crew and product manufacturer. Reasons for failure could include but are not limited to geologic shifting, lightning, vandalism, farmer or animal interference.

Properties

MSDS #1145

Energy[a] (cal/g)	1,880
Gas Volume[a] (moles/kg)	20.5
Velocity[c] (m/sec)	7,300
(ft/sec)	23,950
Detonation Pressure[c] (Kbars)	227
Density (g/cc)	1.70
Water Resistance	Excellent

[a] All Dyno Nobel Inc. energy and gas volume values are calculated using PRODET™, the computer code developed by Dyno Nobel Inc. for its exclusive use. Other computer codes may give different values.

[c] Unconfined 57 mm diameter x 2 kg charge.

IMPORTANT!

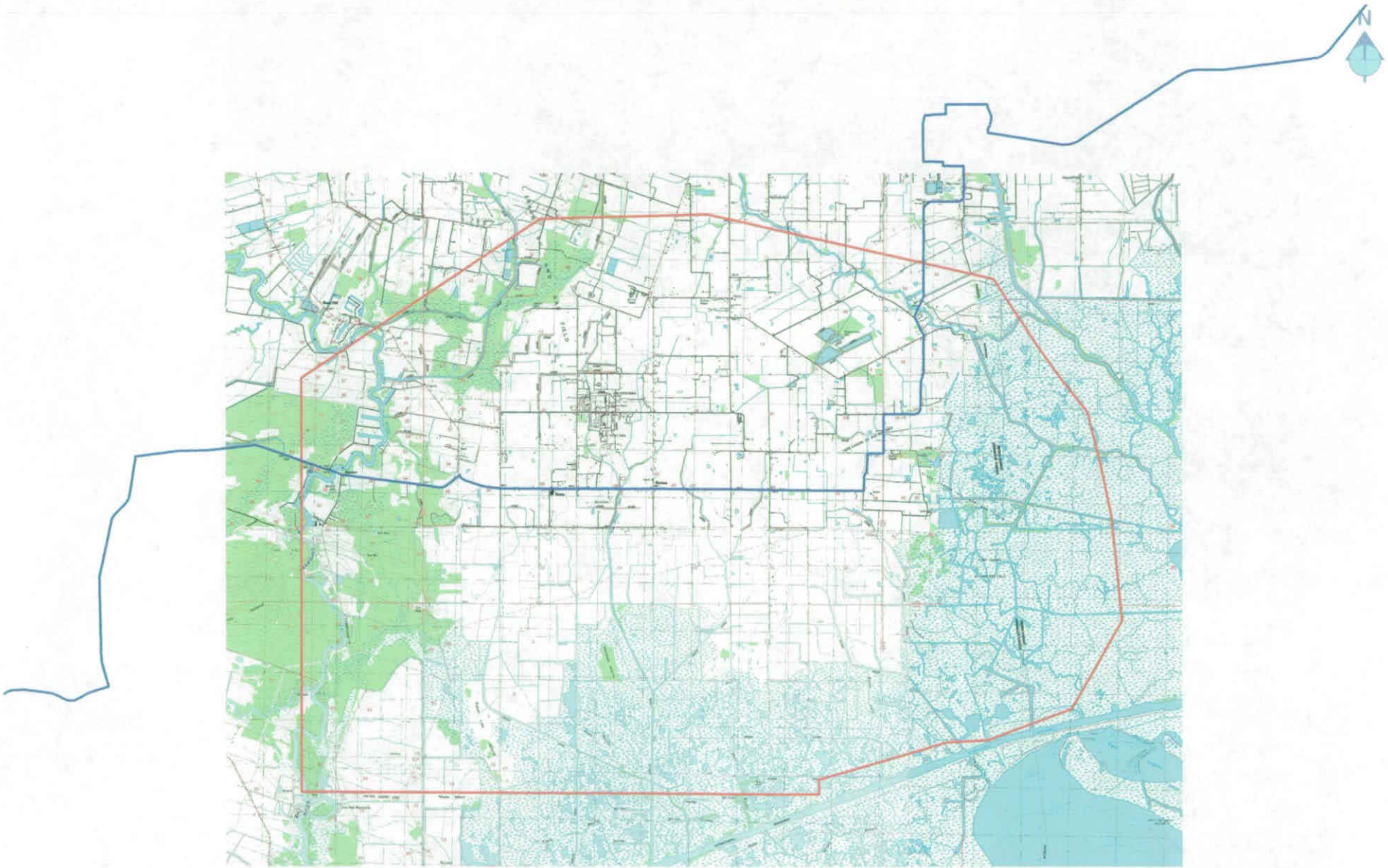
Ignoring these warnings may result in injury or death!

- ALWAYS exercise extreme caution when approaching a shothole that has not vented. Venting gases after detonation are common. BLOWOUTS CAN INJURE OR KILL.
- NEVER attempt to alter the product by cutting, sawing or disassembly of the package.
- NEVER drop load explosive into a borehole.
- NEVER attempt to dislodge explosives by pushing with a drill stem.
- NEVER unshunt electric detonators prior to use except to test with blasting galvanometer.
- ALWAYS shunt electric detonators and/or the blast circuit after testing and keep shunted until connected to blasting machine.
- NEVER use Geoseis Cut-to-Fit (2 grams/meter; 10 grains/foot) detonating cord to prime GEOPRIME dBX.
- ALWAYS ask if you don't know before proceeding.



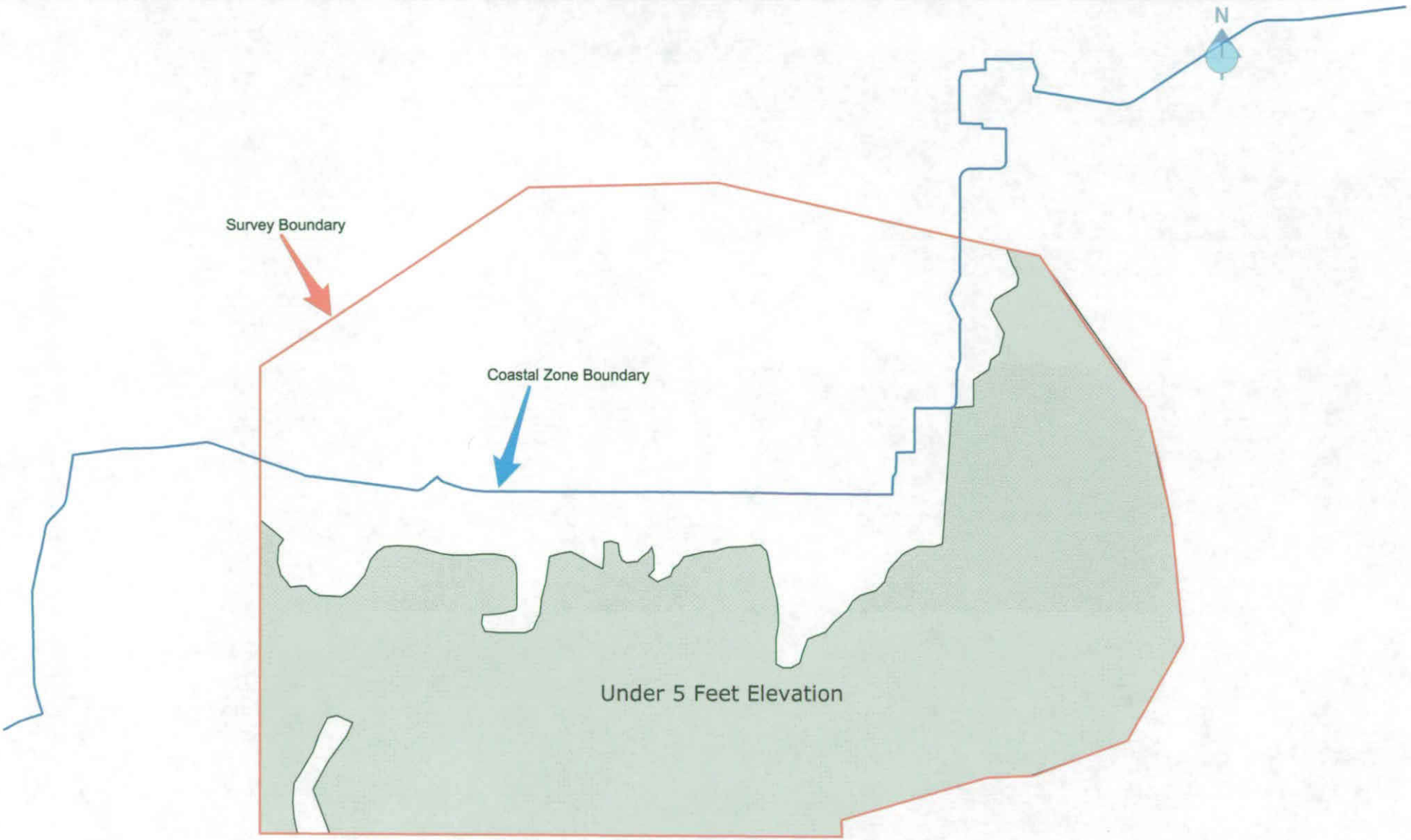
Hazardous Shipping Description
Boosters, 1.1D, UN 0042

Coastal Zone Area 45 sq miles

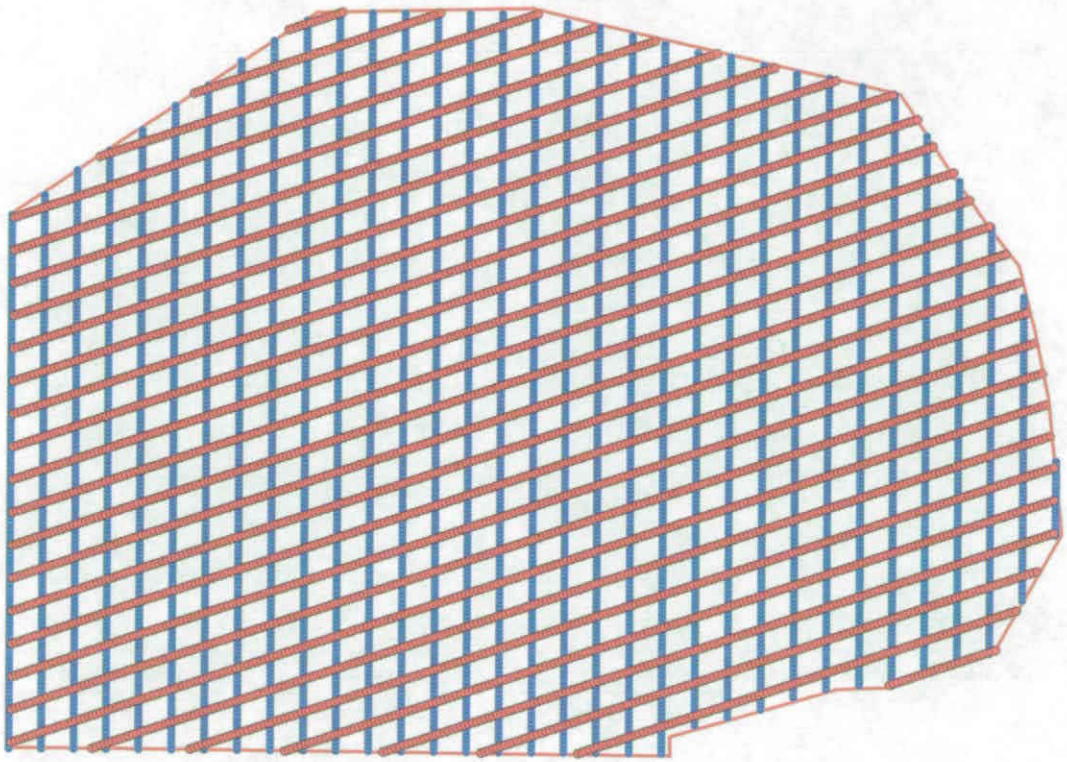


South of BLUE line is the Coastal Zone Area

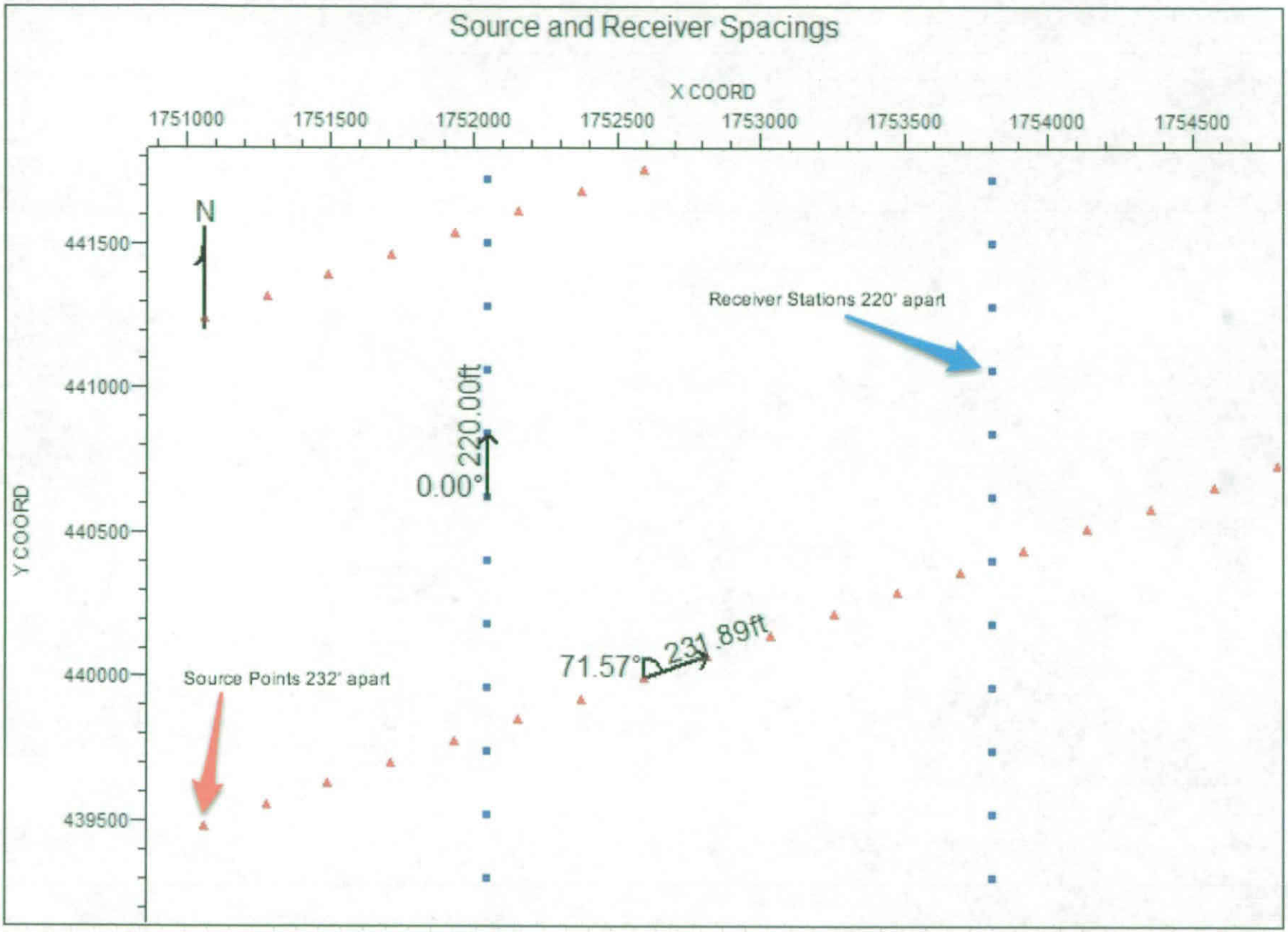
Wetlands - Under 5 Foot Elevation

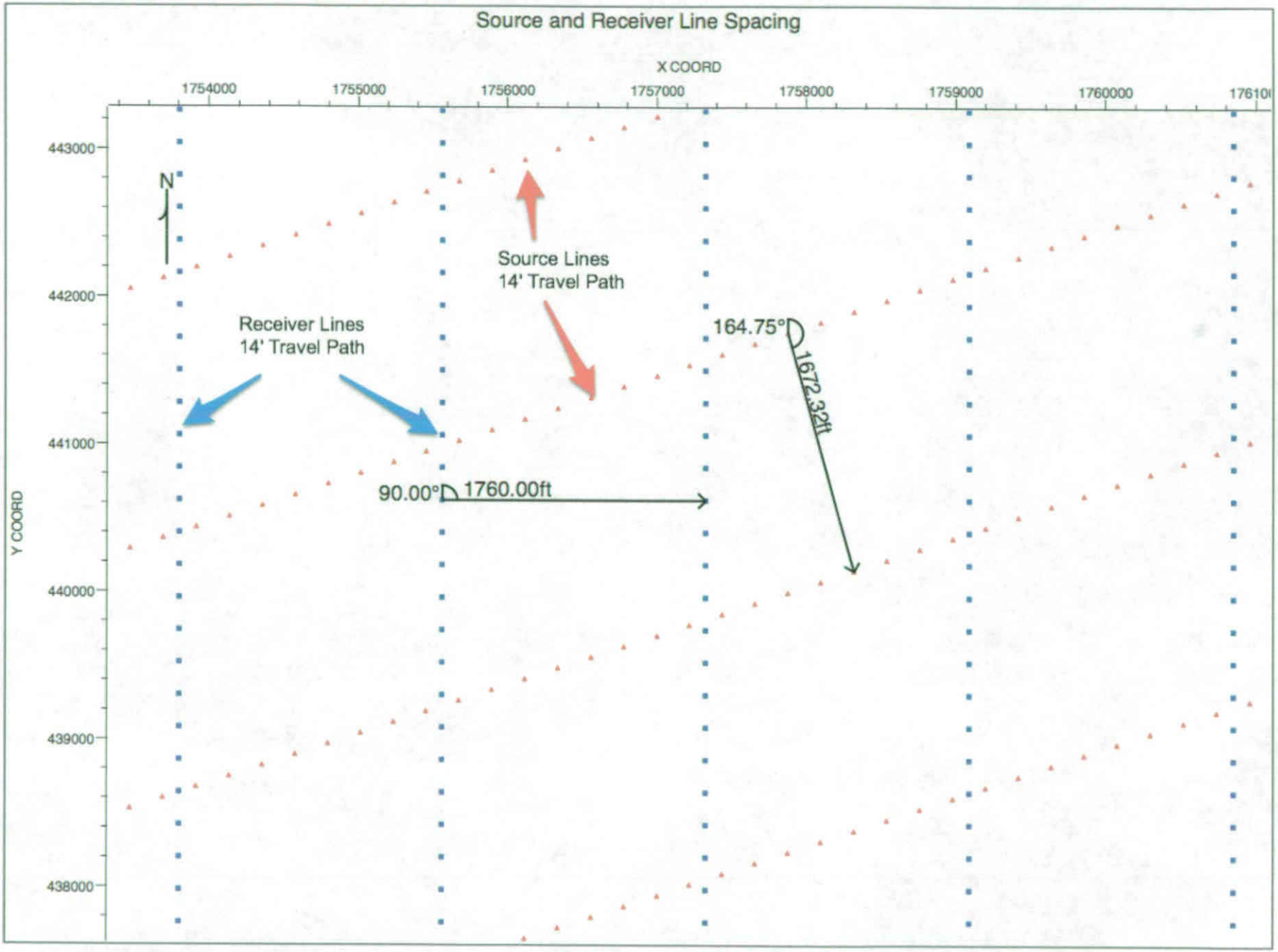


Source and Receiver Layout



Receivers are North/South Sources at Angle


Source and Receiver Spacings
X COORD
1751000
1751500
1752000
1752500
1753000
1753500
1754000
1754500
Y COORD
441500
441000
440500
440000
439500
N
Receiver Stations 220' apart
220.00ft
0.00°
Source Points 232' apart
71.57°
231.89ft


Source and Receiver Line Spacing
X COORD
1754000
1755000
1756000
1757000
1758000
1759000
1760000
Y COORD
443000
442000
441000
440000
439000
438000
N
Source Lines
14' Travel Path
Receiver Lines
14' Travel Path
164.75°
1672.32ft
90.00°
1760.00ft

The Most Advanced CABLE-FREE Solution

*Greater Flexibility

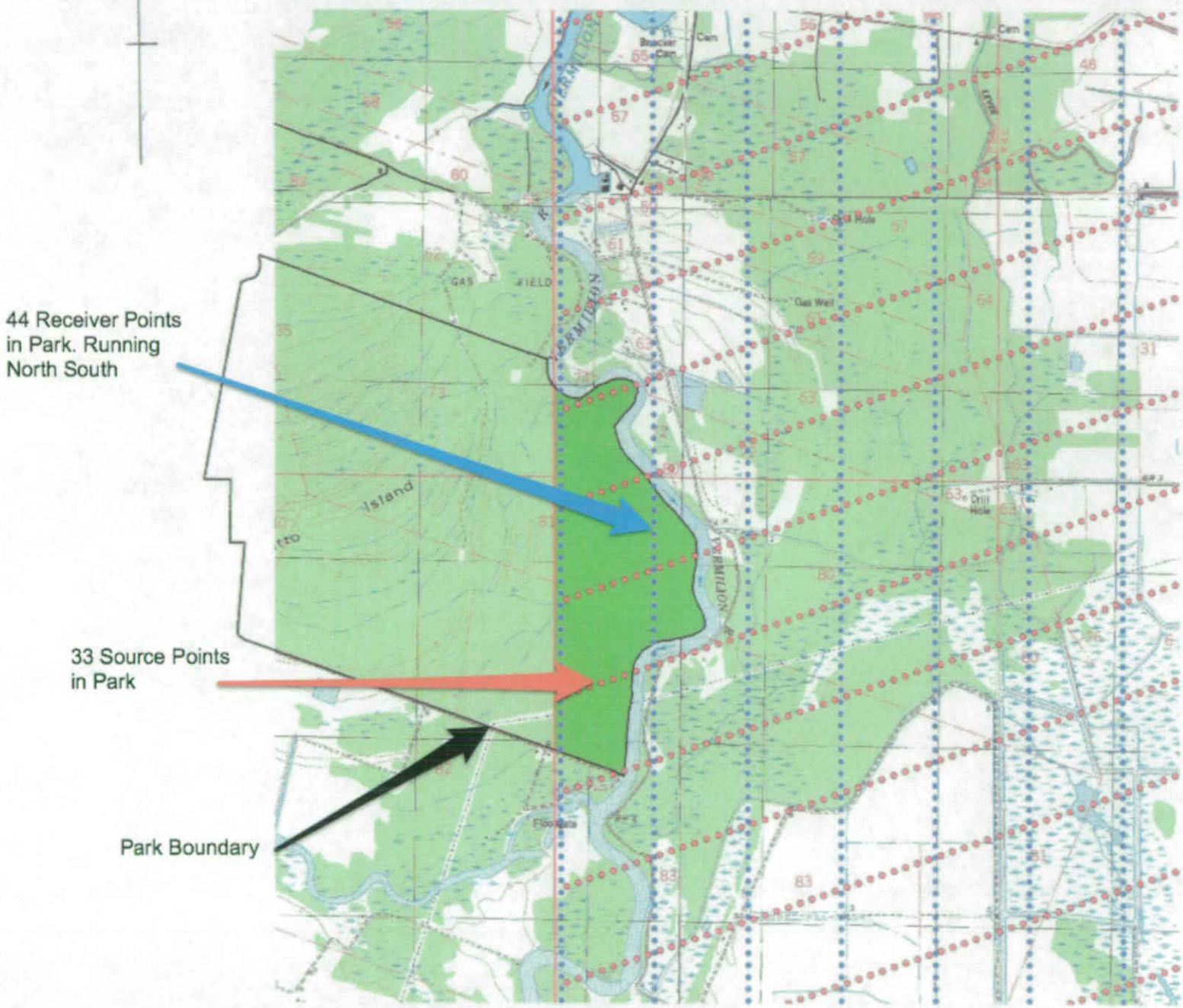
*Improved Quality Control





UNITE, a unique cable-free system, pushes back current acquisition limits to offer the best flexibility in the most challenging environments. With the most advanced technology and full compatibility with Sercel's entire product range, UNITE is without a doubt the most advanced cable-free system. Whether for data storage or real-time data transfer, using analog or digital sensors, its wireless QC and data harvesting capabilities offer an unprecedented level of flexibility and quality control.

Palmetto Island State Park



Eastern Side of Park is 302 Acres

Marsh All Terrain Vehicle



The environmentally sensitive wetlands along the US Gulf Coast referred to as marsh areas. When there is a minimum amount of water in these areas, marsh ATV's which are amphibious vehicles supported by pontoons that are surrounded by tracks, are used to provide seismic drilling services. The pontoons enable the marsh ATV to float while the tracks propel the vehicle through the water and over dry marsh areas. Each marsh ATV is equipped with drilling unit and a small backhoe for digging and a small hole to collect water necessary for drilling.

Some marsh areas have sufficient surrounding water, but often a pit is dug to collect water, then covered again after use.

Aluminum ATV's are lighter than steel vehicles and are specifically designed for the environmentally sensitive areas typically found in marsh terrain. Landowner consents will often require the use of aluminum ATV's in an effort to reduce the environmental impact of seismic drilling. The aluminum marsh ATV is the most widely accepted marsh vehicle for drilling operations in all Louisiana, state and federal refuges.

Specifications

Length	24′
Width	14′
Height mast up	22′
Height mast down	11′
PSI	1.736
Normal operating terrain	Marsh-transition zone
Average working depth	10′ to 150′
Approx. weight	20,000 lbs.
Average crew	3
Engine	Gasoline 6 Cylinder 130 H.P. @ 2800 RPM
Rotary Motor	1400 FT. lbs. @ 2000 PSI
Pull Down Motor	4000 FT. lbs. @ 125′ Per Minute
Hydraulic Pump	78 GPM @ 2000 PSI

Swamp All Terrain Vehicles & Pullboat





Wooded lowlands typically covered with water are referred to as the "swamp areas" of the Transition Zone. Swamp ATV's are used to provide drilling services in these areas. Swamp ATV's are smaller, narrower versions of the marsh ATV's. The smaller unit is needed in swamp areas due to the dense vegetation typical in the terrain. Because of its smaller size, the swamp ATV uses a skid- mounted drilling unit installed in a pullboat, a non-motorized craft towed behind the swamp ATV.

Swam ATV Specifications

Length	21′
Width	9′
Height mast up	N/A
Height mast down	N/A
PSI	.93
Normal operating terrain	Swamp
Average working depth	N/A
Approx. Weight	16,000 lbs.
Average crew	1
Engine	Gasoline 6 Cyl. 130h.p. @ 2800 RPM
Rotary Motor	N/A
Pull Down Motor	N/A
Hydraulic Pump	N/A

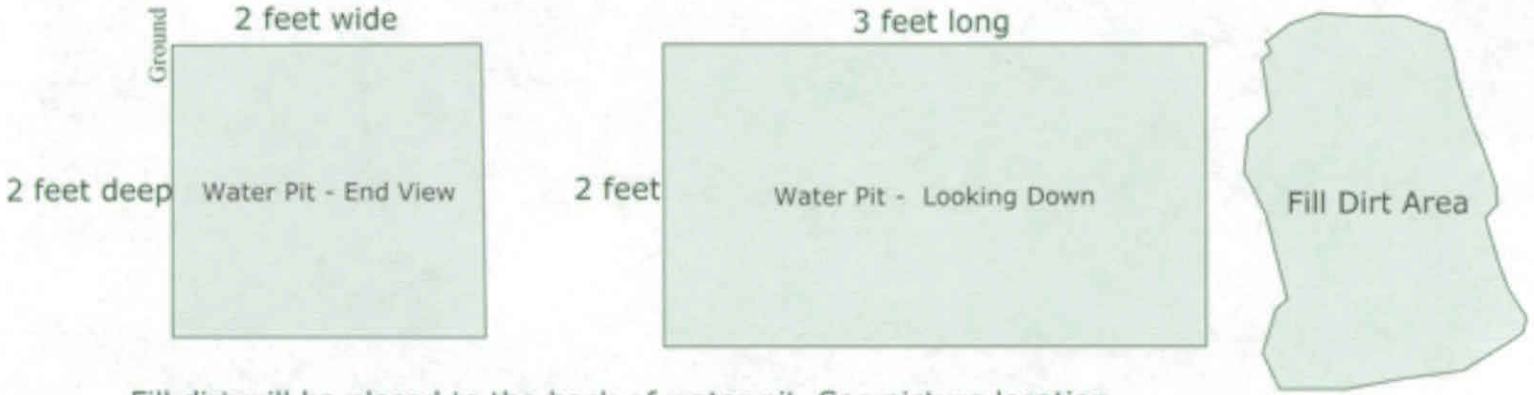
Pullboat Specifications

Length	24′
Width	7′
Height mast up	18′
Height mast down	6′ 8″
PSI	.60
Normal operating terrain	Swamp
Average working depth	10′ to 150′
Approx. Weight	12,000
Average crew	3
Engine	Gasoline 6 Cylinder 130 H.P. @ 2800 RPM
Rotary Motor	1400 FT. lbs. @ 2000 PSI
Pull Down Motor	4000 FT. lbs. @ 125′ Per Minute
Hydraulic Pump	56 GPM @ 2000 PSI

Water Pit - Used Only for Dry Marsh Areas

Water Pit Dimensions 2 ft wide x 2 ft deep x 3 ft long

2 ft x 2ft x 3ft = 12 cubic feet divided by 27 = 0.44 cubic yards



Fill dirt will be placed to the back of water pit. See picture location.

After the hole is drilled, the pit will will be back filled

0.44 yards of fill would be backfilled into the pit

Joint Permit Application
Step 6 C.

SEC	TWNSHP	RANGE	SEC	TWNSHP	RANGE	SEC	TWNSHP	RANGE
22	T13S	R03E	24	T13S	R04E	56	T14S	R03E
23	T13S	R03E	25	T13S	R04E	58	T14S	R03E
24	T13S	R03E	26	T13S	R04E	59	T14S	R03E
27	T13S	R03E	27	T13S	R04E	62	T14S	R03E
28	T13S	R03E	28	T13S	R04E	63	T14S	R03E
33	T13S	R03E	29	T13S	R04E	64	T14S	R03E
35	T13S	R03E	30	T13S	R04E	67	T14S	R03E
37	T13S	R03E	31	T13S	R04E	79	T14S	R03E
38	T13S	R03E	32	T13S	R04E	80	T14S	R03E
39	T13S	R03E	33	T13S	R04E	81	T14S	R03E
40	T13S	R03E	34	T13S	R04E	82	T14S	R03E
41	T13S	R03E	35	T13S	R04E	83	T14S	R03E
42	T13S	R03E	36	T13S	R04E	84	T14S	R03E
43	T13S	R03E	37	T13S	R04E	86	T14S	R03E
48	T13S	R03E	38	T13S	R04E	1	T14S	R04E
49	T13S	R03E	39	T13S	R04E	2	T14S	R04E
54	T13S	R03E	40	T13S	R04E	3	T14S	R04E
55	T13S	R03E	41	T13S	R04E	4	T14S	R04E
56	T13S	R03E	42	T13S	R04E	5	T14S	R04E
57	T13S	R03E	43	T13S	R04E	6	T14S	R04E
58	T13S	R03E	44	T13S	R04E	7	T14S	R04E
59	T13S	R03E	45	T13S	R04E	8	T14S	R04E
60	T13S	R03E	46	T13S	R04E	9	T14S	R04E
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64	T13S	R03E	7	T13S	R05E	13	T14S	R04E
72	T13S	R03E	8	T13S	R05E	14	T14S	R04E
73	T13S	R03E	16	T13S	R05E	15	T14S	R04E
74	T13S	R03E	17	T13S	R05E	16	T14S	R04E
2	T13S	R04E	18	T13S	R05E	17	T14S	R04E
3	T13S	R04E	19	T13S	R05E	18	T14S	R04E
7	T13S	R04E	20	T13S	R05E	26	T14S	R04E
8	T13S	R04E	21	T13S	R05E	63	T14S	R04E
9	T13S	R04E	28	T13S	R05E	79	T14S	R04E
10	T13S	R04E	29	T13S	R05E	80	T14S	R04E
11	T13S	R04E	30	T13S	R05E	81	T14S	R04E
12	T13S	R04E	31	T13S	R05E	4	T14S	R05E
13	T13S	R04E	32	T13S	R05E	5	T14S	R05E
13	T13S	R04E	33	T13S	R05E	6	T14S	R05E
14	T13S	R04E	42	T13S	R05E	7	T14S	R05E
15	T13S	R04E	54	T13S	R05E	8	T14S	R05E
16	T13S	R04E	10	T14S	R03E	9	T14S	R05E
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21	T13S	R04E	52	T14S	R03E			
22	T13S	R04E	54	T14S	R03E			
23	T13S	R04E						

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT

P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: **P20090983**

C.O.E. No.: **MVN 2009- 02490 WNN**

NAME: **CHEVRON U.S.A., INC.**
c/o PRODUCTION MANAGEMENT INDUSTRIES L.L.C.
1209 PETERS ROAD
HARVEY, LA 70058
Attn: Dustin C. Snider

LOCATION: **Vermilion Parish, LA**
Polly M. Simmons et al No. 1, Serial Number 120860 @ Lat 29º 34' 44.04"N / Long 92º 14' 01.32"W; Section 2 T17S R2E; Freshwater Bayou Field

DESCRIPTION: Proposed site clearance and removal of 6' x 12' cribbing and wooden structures at the Polly M. Simmons et al No. 1. No dredge or fill required.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, and/or operate the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Office of Coastal Management of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Office of Coastal Management by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee on the original permit which was April 26, 2010. If the coastal use is not initiated within this two (2) year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for the purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith, and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

a. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

b. The water bottom shall not be disturbed during access to the proposed work location, or by the authorized activities whether it be by dredging, wheel washing, propwashing, jetting, mucking, plowing, bull dozing or any other means of moving bottom material. Powered vessels shall be operated so as not to disturb the water bottom by propeller or jet action.

c. That permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary treatment (30 mg/l BOD5) with disinfection prior to discharge into any of the streams or adjacent waters of the area or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.

d. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

e. As-built drawings shall be submitted within 30 days of completion of this project to the Louisiana Department of Natural Resources, Office of Coastal Management, PO Box 44487, Baton Rouge, LA 70804-4487.

f. No hydrocarbons, substances containing hydrocarbons, drilling mud, drilling cuttings, and/or toxic substances shall be allowed to enter adjacent waterways and wetlands.

g. All waste material to be hauled off-site shall be disposed of at a State approved facility.

h. The permittee shall notify the landowners of the canal(s), when they will be traversing the canal systems, to access this site with equipment for this activity.

i. If flowlines/pipelines associated with this well are discovered and were installed after the initiation of our program (October1, 1980), they may require removal. The permittee is responsible for identifiying all associated flowlines/pipelines that need removing/lowering and/or any additional activities that may result in wetland impacts, while addressing discovered flowlines/pipelines. This authorization may require an amendment or revision, or an additional Coastal Use Permit application may be required.

j. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.

k. Permittee shall allow representatives of the Office of Coastal Management or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.

l. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.

m. This permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee on the original permit which was April 26, 2010. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto

the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D.). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

The expiration date of this permit is five (5) years from the date of the signature of the Secretary or his designee on the original permit which was April 26, 2010.

Upon expiration of this permit, a new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

********** End of Conditions **********

By accepting this permit the applicant agrees to its terms and conditions.

I affix my signature and issue this permit this 26th day of April, 2010.

THE DEPARTMENT OF NATURAL RESOURCES

Karl L. Morgan, Acting Administrator
Office of Coastal Management

This agreement becomes binding when signed by Administrator of
the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

Attachments

Final Plats:

1) P20090983 Final Plats 04/08/2010

cc: Pete Serio, COE w/attachments
Dave Butler, LDWF w/attachments
Michael Peikert, DNR/OC w/attachments
Stephen Broussard, LED w/attachments
Peggy Rooney, CMD/SS w/attachments
Charlie Mestayer, OCM/FI w/attachments

CHEVRON U.S.A. , INC. w/attachments



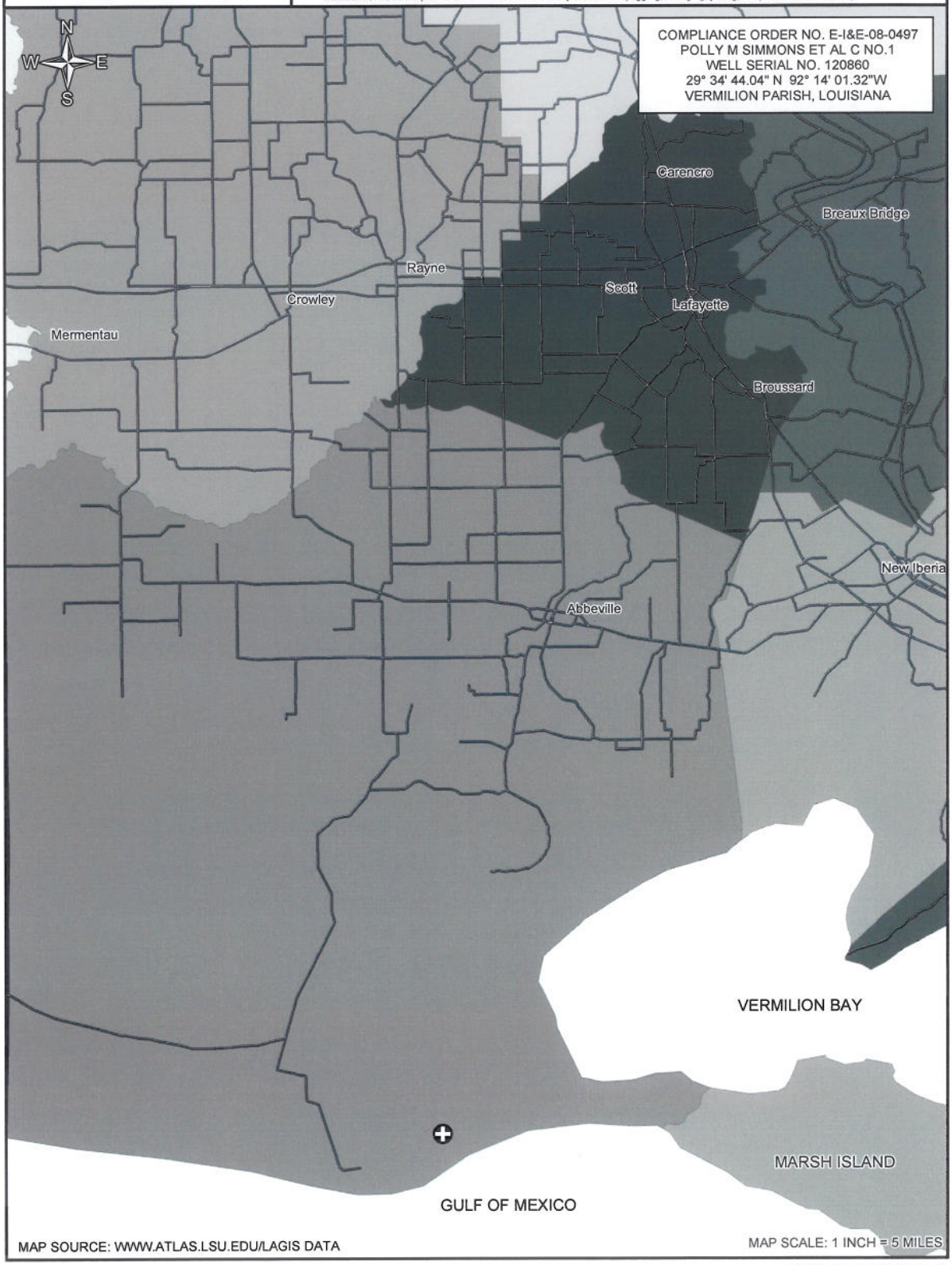
NDSI NOTES:

1. As-built drawings will be submitted within 30 days of completion of this project to the Louisiana Department of Natural Resources, Office of Conservation, Pipeline Division, P. O. Box 94275 Baton Rouge, LA 70804, and to the Louisiana Department of Natural Resources, Coastal Management Division, P. O. Box 44487, Baton, Rouge, LA 70804-4487.

2. All structures, facilities, well and pipelines/flowlines occurring in open water areas or in oilfield canals or slips shall be removed within 120 days of abandonment or 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



PMI ENVIRONMENTAL SERVICES
A SUPERIOR ENERGY SERVICES COMPANY

FIGURE 1 - VICINITY MAP
POLLY SIMMONS ET AL C NO. 1
FRESH WATER BAYOU FIELD - VERMILION PARISH, LOUISIANA
PRODUCTION MANAGEMENT INDUSTRIES, LLC - HARVEY, LOUISIANA
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY - COVINGTON, LOUISIANA

THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.



PMI ENVIRONMENTAL SERVICES
A SUPERIOR ENERGY SERVICES COMPANY

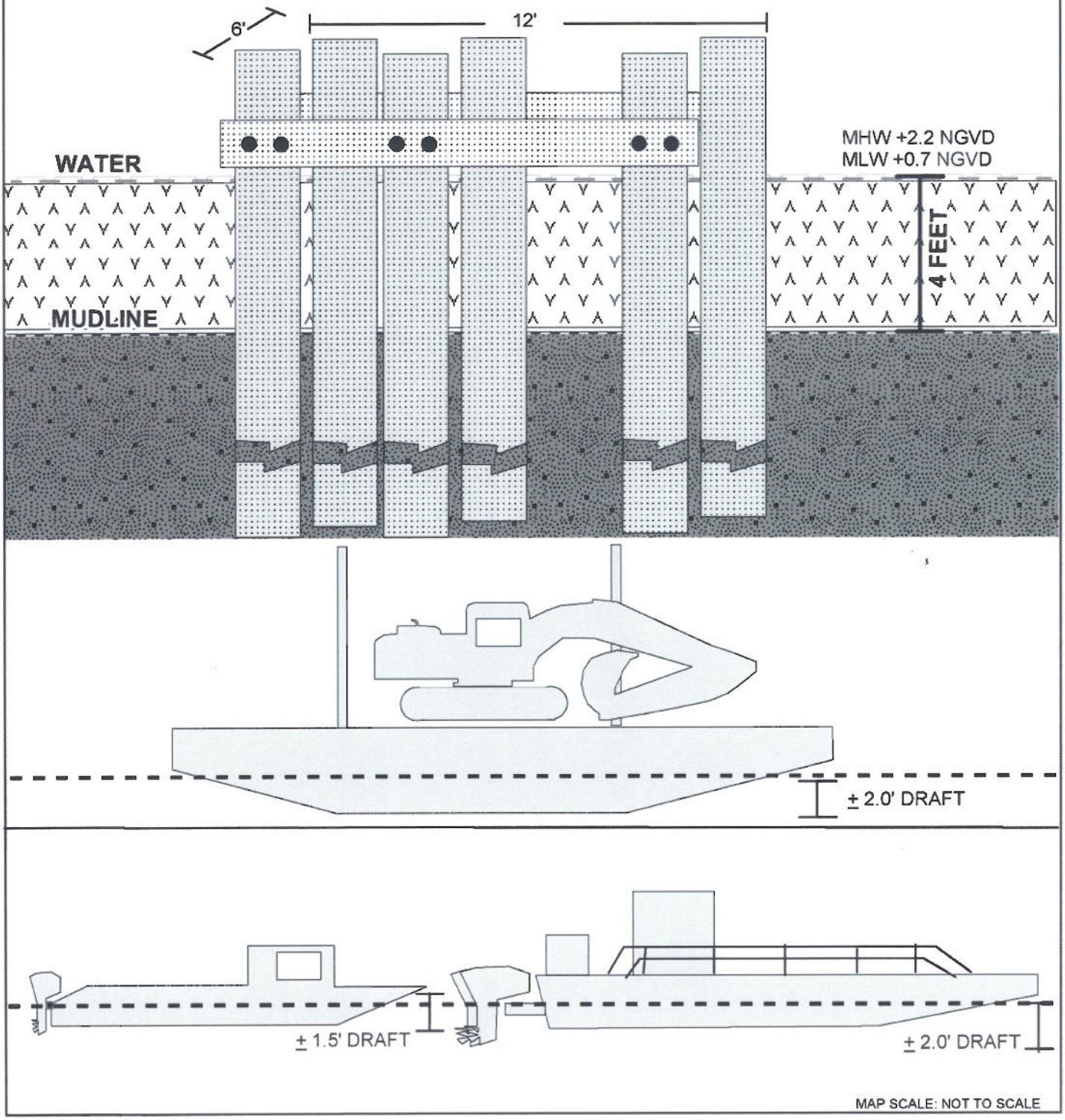
FIGURE 2 - PLAN VIEW
POLLY SIMMONS ET AL C NO. 1
FRESH WATER BAYOU FIELD - VERMILION PARISH, LOUISIANA
PRODUCTION MANAGEMENT INDUSTRIES, LLC - HARVEY, LOUISIANA
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY - COVINGTON, LOUISIANA

THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

COMPLIANCE ORDER NO. EI&E-08-0497
POLLY M SIMMONS ET AL NO.1
SERIAL NUMBER: 120860
29° 34' 44.04" N 92° 14' 01.32" W
002 17S 02E

NOTES:

- ALL CRIBBING ASSOCIATED WITH WELL WILL BE PULLED OUT WITH BARGE MOUNTED EXCAVATOR.
- THERE ARE NO FLOWLINES KNOWN TO BE ASSOCIATED WITH THIS WELL.
- IF ANY PIPING OR DEBRIS ASSOCIATED WITH WELL IS ENCOUNTERED IT WILL BE REMOVED.
- (6) WOODEN PILINGS = 12" diameter
- (2) CROSS MEMBERS = 3" x 12"

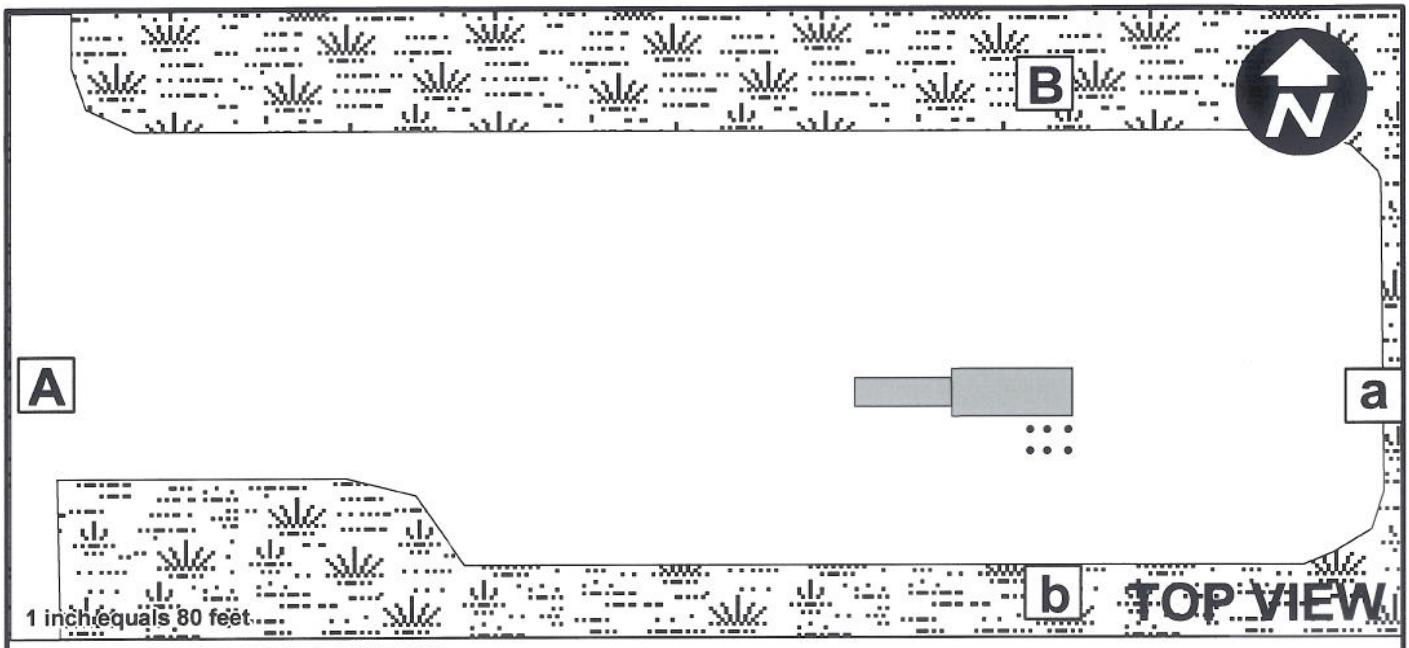


MAP SCALE: NOT TO SCALE

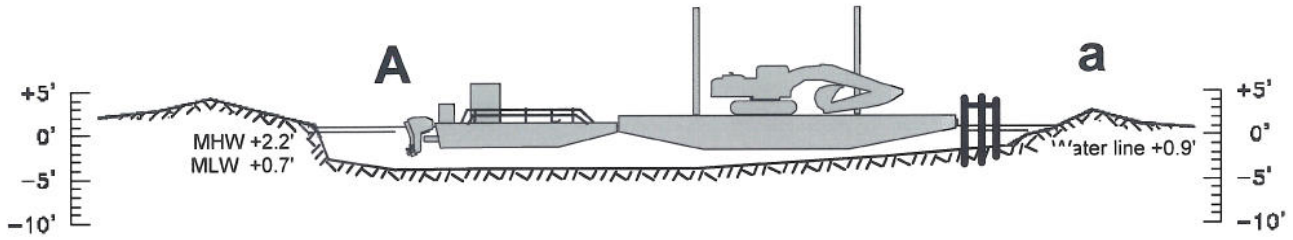
PMI ENVIRONMENTAL SERVICES
A SUPERIOR ENERGY SERVICES COMPANY

FIGURE 3 - CROSS SECTION - POLLY M SIMMONS ET AL NO.1 SN 120860
FRESH WATER BAYOU FIELD - FC 3968 - VERMILION PARISH, LOUISIANA
PRODUCTION MANAGEMENT INDUSTRIES LLC, HARVEY, LOUISIANA
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY - COVINGTON, LOUISIANA

THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

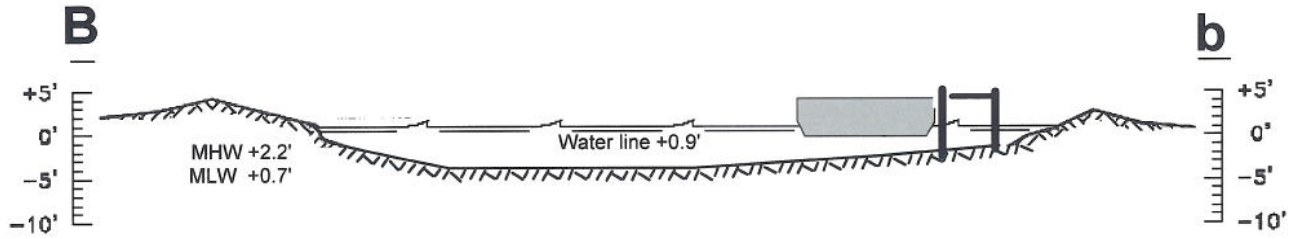


- WATER DEPTH OF 4 FEET AT CRIBBING.
- NO DREDGING WILL BE REQUIRED TO ACCESS THE WELL SITE WITH THIS EQUIPMENT.
- THE DEEPEST DRAFT OF THE ENTIRE EQUIPMENT SPREAD IS 2 FEET.
- THE BARGE WILL BE MOVED USING A TWIN OUT-BOARD PERSONNEL BARGE.



WEST TO EAST

- WATER DEPTH OF 4 FEET AT CRIBBING.
- NO DREDGING WILL BE REQUIRED TO ACCESS THE WELL SITE WITH THIS EQUIPMENT.
- THE DEEPEST DRAFT OF THE ENTIRE EQUIPMENT SPREAD IS 2 FEET.
- THE BARGE WILL BE MOVED USING A TWIN OUT-BOARD PERSONNEL BARGE.

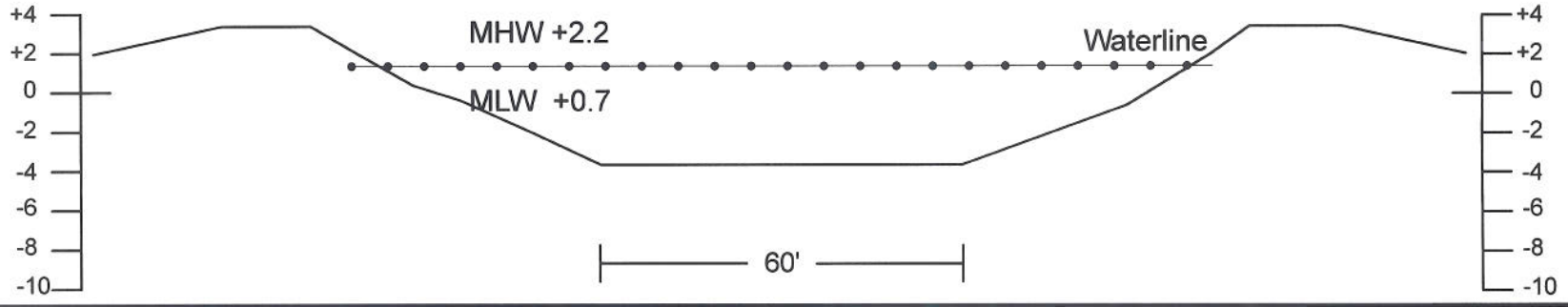


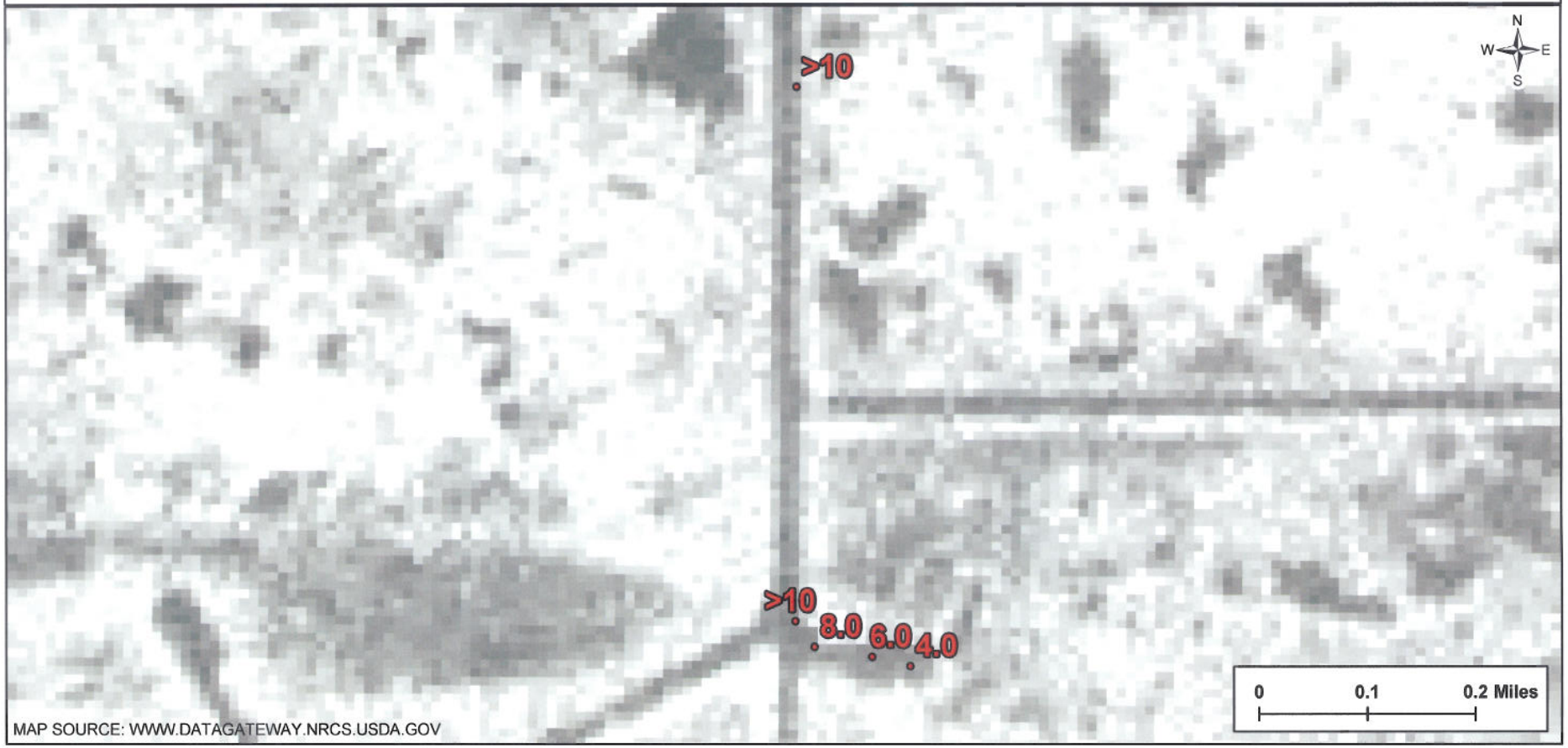
NORTH TO SOUTH

PMI ENVIRONMENTAL SERVICES
A SUPERIOR ENERGY SERVICES COMPANY

FIGURE 4 - EQUIPMENT CROSS SECTION - POLLY M SIMMONS ET AL NO.1 SN 120860
FRESH WATER BAYOU FIELD - FC 3968 - VERMILION PARISH, LOUISIANA
PRODUCTION MANAGEMENT INDUSTRIES LLC, HARVEY, LOUISIANA
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY - COVINGTON, LOUISIANA

Typical Cross-Section





PMI ENVIRONMENTAL SERVICES
A SUPERIOR ENERGY SERVICES COMPANY

FIGURE 5 - ACCESS ROUTE DEPTHS- P20090983 CHEVRON U.S.A.
FRESH WATER BAYOU FIELD - VERMILION PARISH, LOUISIANA
PRODUCTION MANAGEMENT INDUSTRIES LLC, HARVEY, LOUISIANA
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY - COVINGTON, LOUISIANA

DEPARTMENT OF NATURAL RESOURCES
COASTAL MANAGEMENT DIVISION

P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225)342-7591
1-800-267-4019

COASTAL USE PERMIT/CONSISTENCY DETERMINATION

C.U.P. No.: **P20090022**

C.O.E. No.: **MVN- 2009- 00388WKK**

NAME: **EXXONMOBIL PRODUCTION COMPANY**
P.O. BOX 4358
HOUSTON, TX 77210
Attn: Misty Queen

LOCATION: **Vermilion Parish, LA**
East on Hwy 82, approximately 12 miles Southeast of Pecan Island; Freshwater Bayou Field. Sections 8,9,10,17and 18; T16S-R2E. Lat. 29º 33' 32.5"N, Long. 92º 17' 26.9"W (NAD 83); X=1,695,631', Y=325,696' (NAD 27).

DESCRIPTION: Proposed site clearance per compliance order No. E-I&E-08-0493, EA Mcilhenny Estate No. 001 to plug and abandon the well and remove all equipment, structures and trash. Based on a facility inspection, there is evidence that the casing stub and cribbing remain in place and pose an environmental and safety hazard. Approximately 12 cubic yards of native material will be displaced.

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permittee agrees to:

1. Carry out, perform, and/or operate the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Coastal Management Division of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Coastal Management Division by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two years from the date of the signature of the Secretary or his designee. If the coastal use is not initiated within this two year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for the purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themseleves do not require a permit. In addition, the permittee must, in good faith, and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

a. All logs, stumps and other debris unearthed during dredging shall be buried a minimum of one (1) foot beneath the bottom of the waterway or removed to an approved disposal site on land.

b. That permittee shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary treatment (30 mg/l BOD5) with disinfection prior to discharge into any of the streams or adjacent waters of the area or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is

required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.

c. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

d. All structures, facilities, wells, and pipelines/flowlines occurring in open water areas or in oil field 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, for such removal activities.

Site clearance of abandoned oil and gas facilities located in Louisiana State waters is also subject to authorization by the Office of Conservation pursuant to La. R.S. 30:4(J). The Site Clearance and Verification for Abandoned Oil and Gas Structures Regulations became effective December 20, 1992. The Pipeline Division (225/342-5505) within the Office of Conservation is the designated regulatory agency for this regulation.

e. As-built drawings shall be submitted within 30 days of completion of this project to the Louisiana Department of Natural Resources, Coastal Management Division, PO Box 44487, Baton Rouge, LA 70804-4487.

f. Structures must be marked/lighted in accordance with U. S. Coast Guard regulations.

g. Applicant may be required to remove associated pipelines and obtain additional authorizations for pipeline removal.

h. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

i. Permittee is subject to all applicable state laws related to damages which are demonstrated to have been caused by this action.

j. Permittee shall allow representatives of the Coastal Management Division or authorized agents to make periodic, unannounced inspections to assure the activity being performed is in accordance with the conditions of this permit.

k. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.

l. This permit authorizes the initiation of the Coastal Use described under "Coastal Use Description" for two (2) years from the date of the signature of the Secretary or his designee. Initiation of the Coastal Use, for purposes of this permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds,

contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D.). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

The expiration date of this permit is five (5) years from the date of the signature of the Secretary or his designee.

Upon expiration of this permit, a new Coastal Use Permit will be required for completion of any unfinished or uncommenced work items and for any maintenance activities involving dredging or fill that may become necessary. Other types of maintenance activities may also require a new Coastal Use Permit.

********** End of Conditions **********

By accepting this permit the applicant agrees to its terms and conditions.

I affix my signature and issue this permit this 16th day of September, 2009.

THE DEPARTMENT OF NATURAL RESOURCES

Karl L. Morgan, Acting Administrator
Coastal Management Division

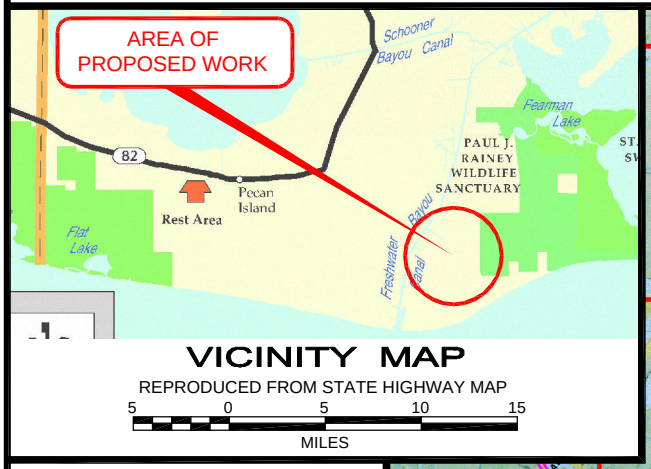
This agreement becomes binding when signed by Administrator of
the Coastal Management Division, Department of Natural Resources.

Attachments

Final Plats:

1) P20090022 Final Plats 08/14/2009

cc: Pete Serio, COE w/attachments
Dave Butler, LDWF w/attachments
Michael Peikert, DNR/OC w/attachments
Debra Persick, DNR/OC w/attachments
Chuck Spears, CMD/SS w/attachments
Charlie Mestayer, CMD/FI w/attachments



VICINITY MAP

REPRODUCED FROM STATE HIGHWAY MAP

5 0 5 10 15

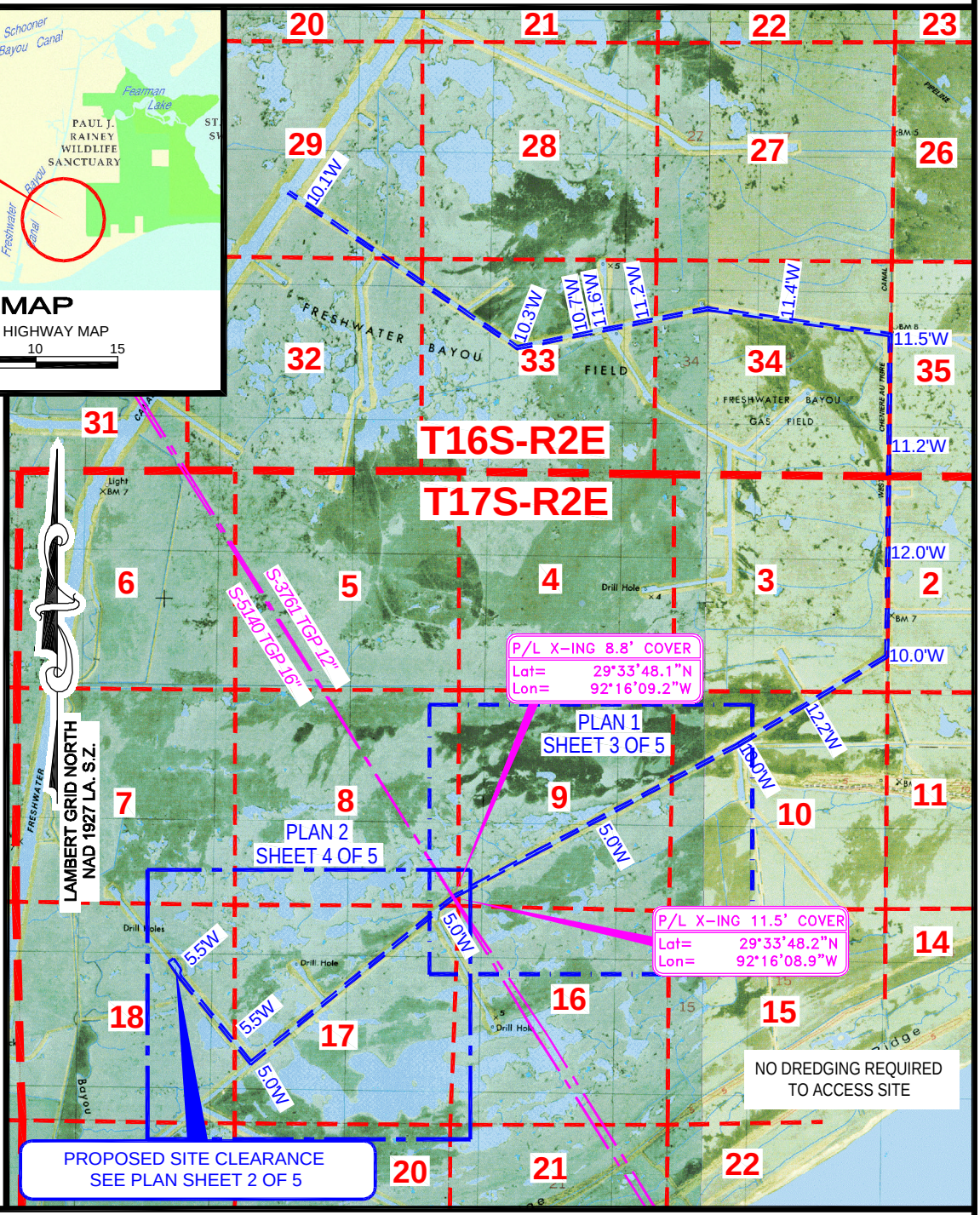
MILES

All structures, facilities, well and pipelines/flowlines shall be removed within 120 days of abandonment of the facilities for the herein permitted use. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for such removal activities.

All structures will be marked and lighted in accordance with U.S Coast Guard regulations.

As-built drawings shall be submitted within 30 days of completion of this project to the Louisiana Department of Natural Resources, Office of Conservation, Pipeline Division, P.O. Box 94275, Baton Rouge, LA 70804 and to the Louisiana Department of Natural Resources, Coastal Management Division, P. O. Box 44487, Baton Rouge, La. 70804-4487.

Permittee shall contact Louisiana ONE CALL at 1-800-272-3020 forty-eight hours prior to excavation or demolition.



LOCATION MAP

REPRODUCED FROM USGS CHENIERE AU TIGRE & MULBERRY ISLAND EAST QUADRANGLES

4000' 0' 4000' 8000'

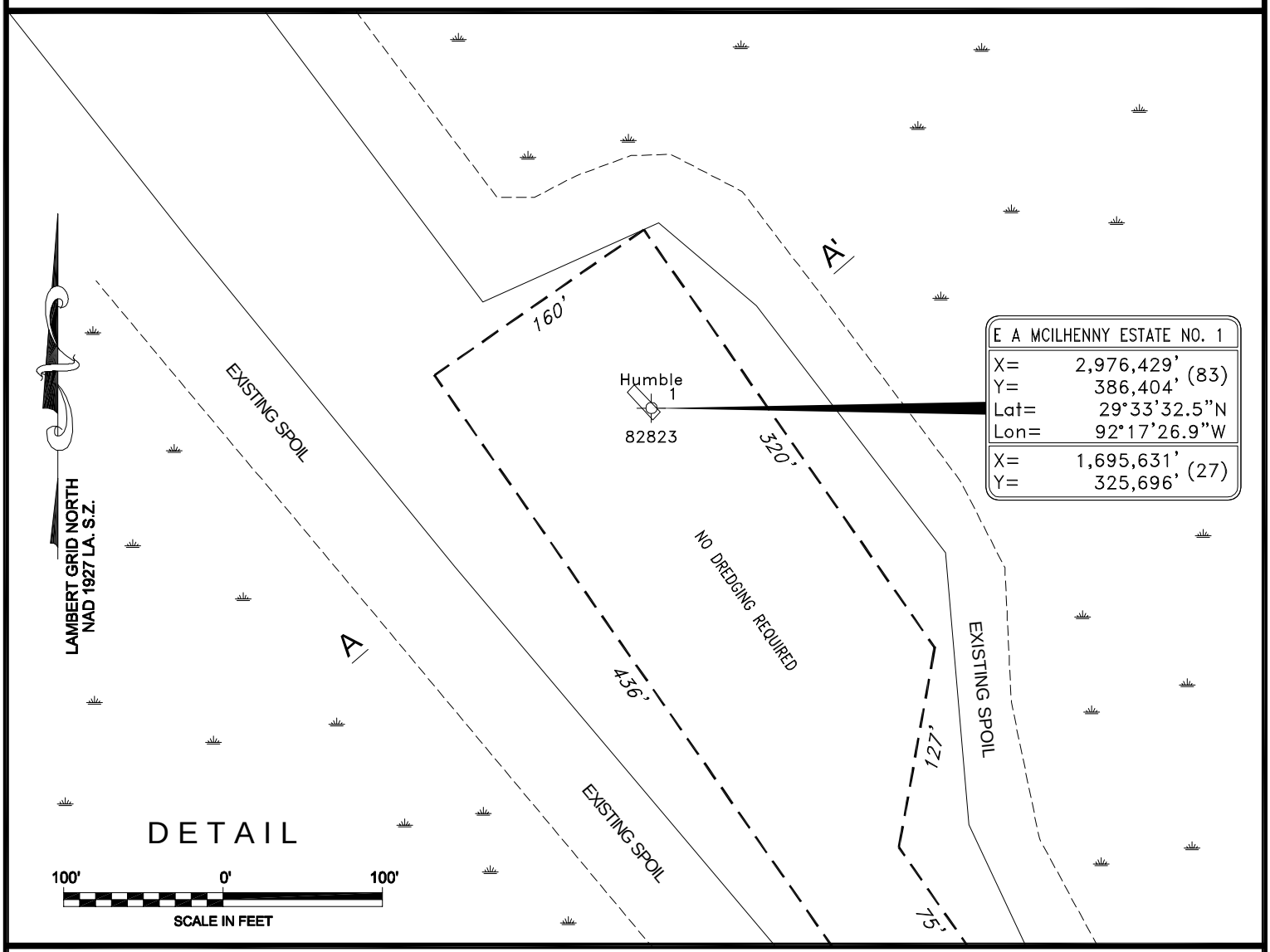
SCALE IN FEET

ExxonMobil

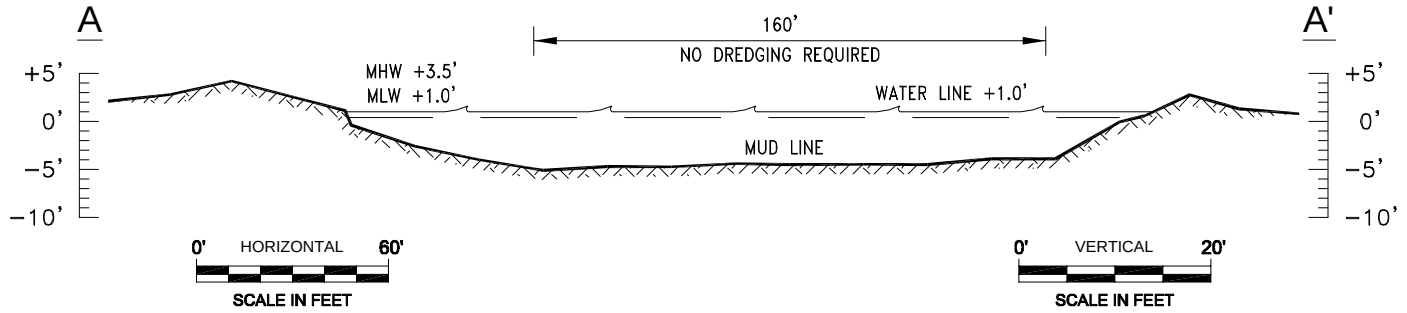
PROPOSED SITE CLEARANCE
E A MCILHENNY ESTATE NO. 1
FRESHWATER BAYOU FIELD
VERMILION PARISH, LOUISIANA

PREPARED BY C&C Technologies SURVEY SERVICES
730 E. KALISTE SALOOM ROAD, LAFAYETTE, LA. (337) 261-0660

JOB NO. 4469	DWG: REP	CHK: HEK	REVISED: 7/1/2009 8/11/2009	DATE 11/06/2008
FILENAME: L:\17S02E\08-4469\C08-4469_2.DWG				SHEET 1 OF 5



TYP. SECTION



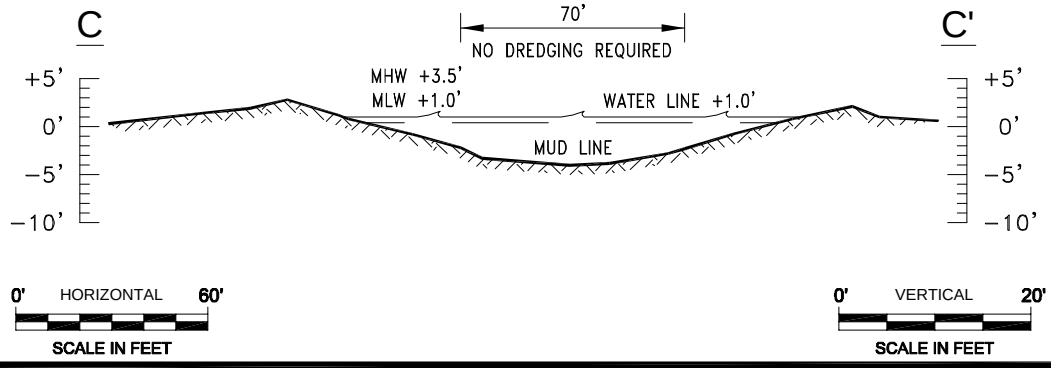
ExxonMobil™

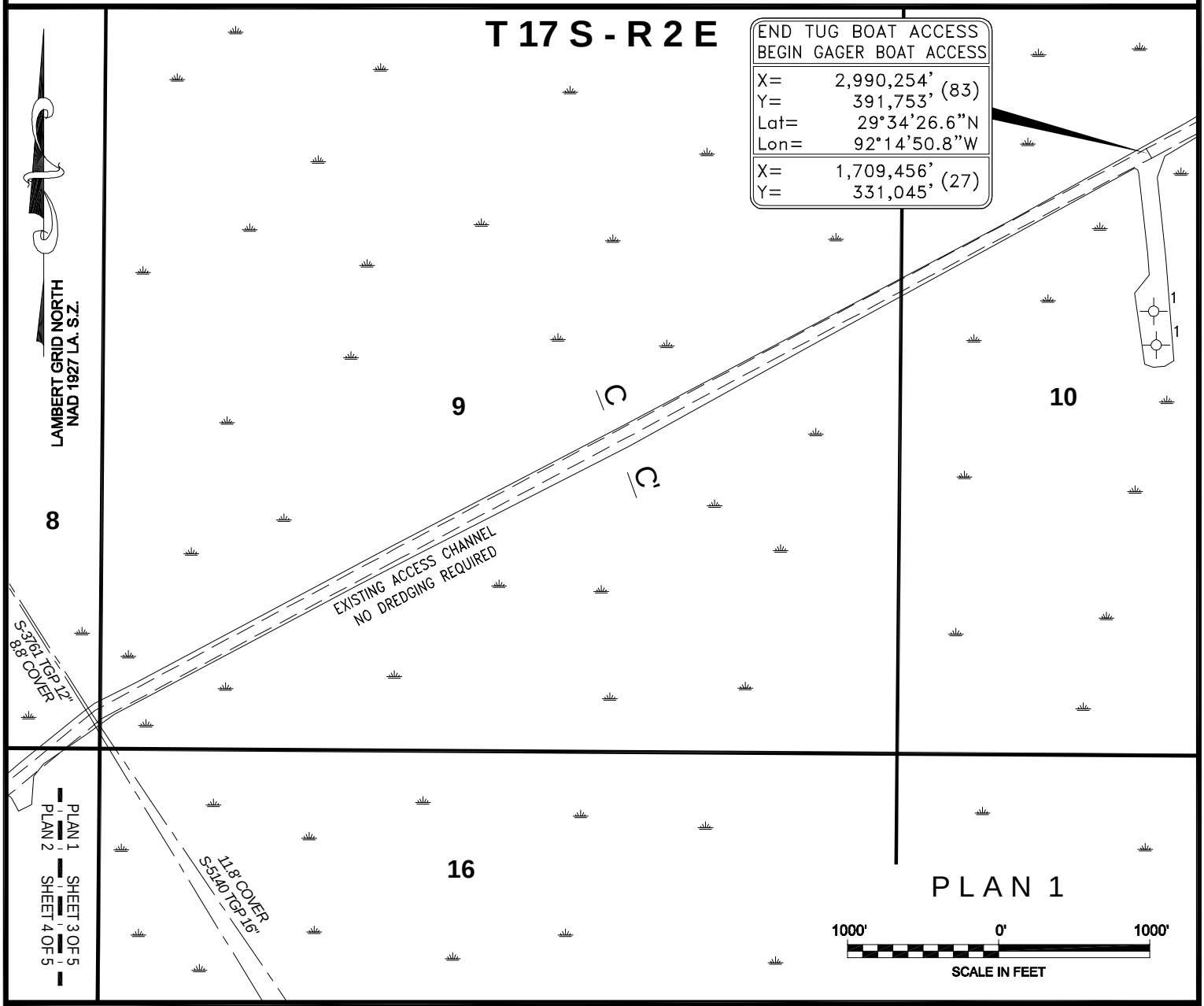
PROPOSED SITE CLEARANCE
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PREPARED BY C&C Technologies SURVEY SERVICES
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JOB NO. 4469	DWG: REP	CHK: HEK	REVISED: 8/11/2009	DATE 11/06/2008
FILENAME: L:\17S02E\08-4469\C08-4469A_2.DWG				SHEET 2 OF 5

TYP. SECTION





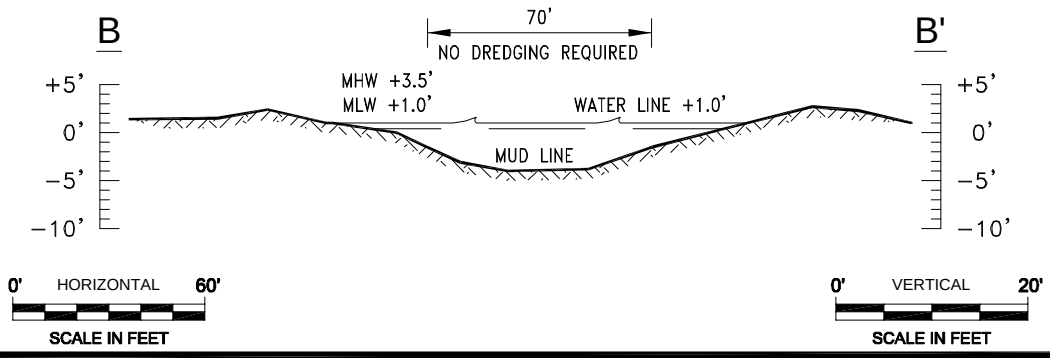
ExxonMobil™

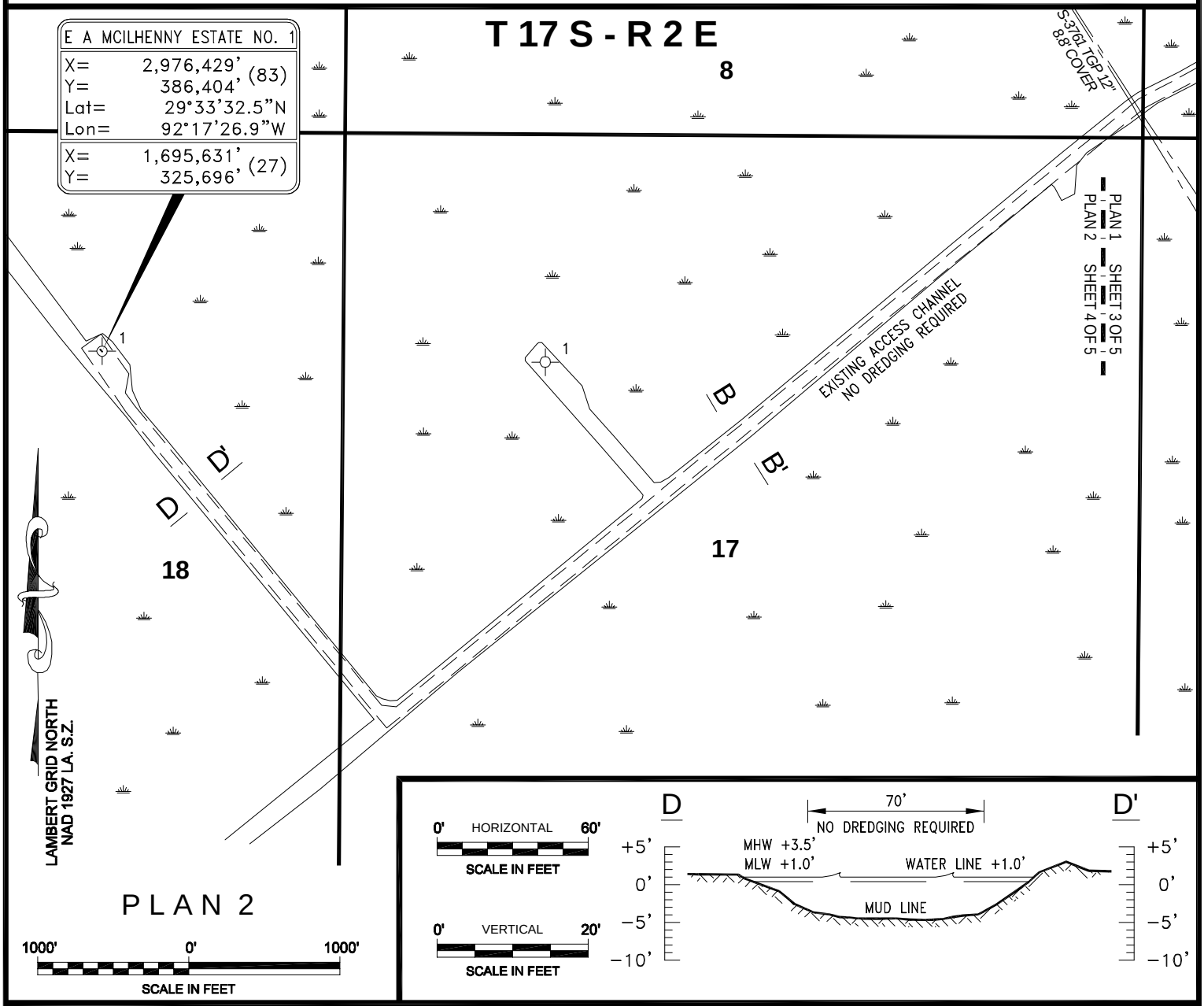
PROPOSED SITE CLEARANCE
E A MCILHENNY ESTATE NO. 1
FRESHWATER BAYOU FIELD
VERMILION PARISH, LOUISIANA

PREPARED BY C&C Technologies SURVEY SERVICES
730 E. KALISTE SALOOM ROAD, LAFAYETTE, LA. (337) 261-0660

JOB NO. 4469	DWG: REP	CHK: HEK	REVISED: 1/22/2009 8/11/2009	DATE 11/06/2008
FILENAME: L:\17S02E\08-4469\C08-4469B2.DWG				SHEET 3 OF 5

TYP. SECTION





ExxonMobil™

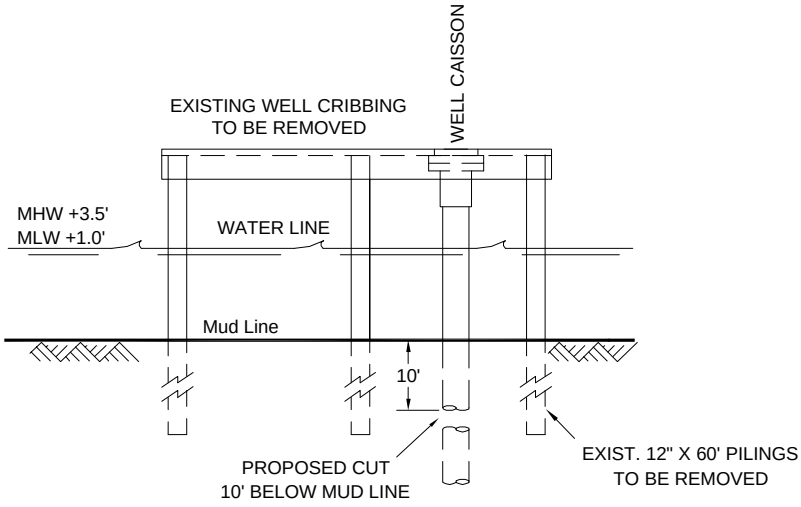
PROPOSED SITE CLEARANCE
E A MCILHENNY ESTATE NO. 1
FRESHWATER BAYOU FIELD
VERMILION PARISH, LOUISIANA

PREPARED BY
C&C Technologies
SURVEY SERVICES
730 E. KALISTE SALOOM ROAD, LAFAYETTE, LA. (337) 261-0660

JOB NO. 4469	DWG: REP	CHK: HEK	REVISED: 1/22/2009 8/11/2009	DATE 11/06/2008
FILENAME: L:\17S02E\08-4469\C08-4469B2.DWG				SHEET 4 OF 5

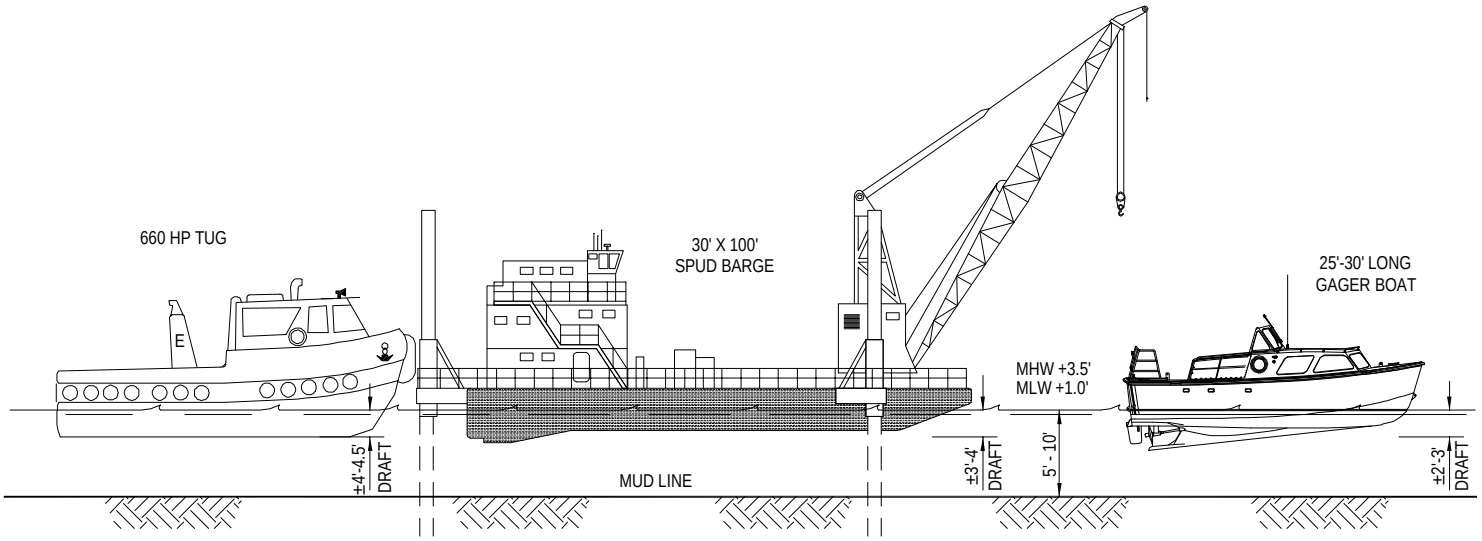
TYPICAL STRUCTURE

NOT TO SCALE



TYPICAL SPUD BARGE

NOT TO SCALE



ExxonMobil™

PROPOSED SITE CLEARANCE
E A MCILHENNY ESTATE NO. 1
FRESHWATER BAYOU FIELD
VERMILION PARISH, LOUISIANA

PREPARED BY C&C Technologies SURVEY SERVICES 730 E. KALISTE SALOOM ROAD, LAFAYETTE, LA. (337) 261-0660	JOB NO. 4469	DWG: REP	CHK: HEK	REVISED: 8/11/2009	DATE 11/06/2008
	FILENAME: L:\17S02E\08-4469\C08-4469A_2.DWG				SHEET 5 OF 5