



DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, NEW ORLEANS DISTRICT
7400 LEAKE AVENUE
NEW ORLEANS, LOUISIANA 70118

27 October 2017

REPLY TO
ATTENTION OF:

Operations Division
Central Evaluation Section

SUBJECT: MVN-2017-01209-CC

Louisiana Department of Wildlife and Fisheries
2000 Quail Drive
Baton Rouge, Louisiana 70808
Attn: Kyle Balkum

Mr. Balkum,

The proposed work, to construct and maintain ten fishing piers and five parking areas for public use, located in Section 18, Township 19 South, and Range 20 East, in the Pointe-aux-Chene Wildlife Management Area, along Island Road, near Isle de Jean Charles Louisiana, in Terrebonne Parish.

This office has determined that your project, as shown in the attached drawings, is authorized by **General Permit-21** provided that all conditions of the permit are met.

In addition to the standard GP-21 conditions, the following special conditions are being made a part of this authorization.

1. The permittee is aware that all necessary local, state and parish approvals must be obtained prior to the commencement of work at the project site.
2. The permittee shall limit the placement of rock rip rap material to areas essential to the project. The remainder of the project site shall be left in its natural state. If the authorized project requires any additional work not expressly permitted herein, or impacts any wetlands (or "other waters of the US") other than the areas indicated on the attached drawings, the permittee must apply for an amendment to this authorization prior to commencement of work.
3. The permittee shall assure that all material used during construction shall be pollutant free in accordance with the EPA Guidelines for Discharge of Dredged or Fill Material, found in 40 CFR 230.
4. Any alterations or modifications to the authorized plans resulting from project review by the local government must be submitted to the Corps for re-evaluation, prior to commencement of work.

5. The permittee shall adhere to the enclosed Standard Manatee Conditions for In-Water Activities as per the Standard Local Operating Procedure for Endangered Species in Louisiana (SLOPES), dated October 22, 2014, between the U.S. Army Corps of Engineers, New Orleans and U.S. Fish and Wildlife Service, Ecological Services Office.

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

7. The use of the permitted activity must not interfere with the public's right to free navigation on all navigable waters of the United States.

8. Permittee must install and maintain, at permittee's expense, any safety lights, signs and signals prescribed by the U.S. Coast Guard, through regulations or otherwise, on the authorized facilities.

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

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

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

Should you have any further questions concerning this matter, please call Glenn Dobson of this office at (504) 862-1588.

Sincerely,

for Martin S. Mayer
Chief, Regulatory Branch

Enclosure



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY

NEW ORLEANS DISTRICT, CORPS OF ENGINEERS

P. O. BOX 60267

NEW ORLEANS, LOUISIANA 70160-0267

Operations Division
Regulatory Branch

DEPARTMENT OF THE ARMY GENERAL PERMIT

Authorization No. : (General Permit) NOD-21

Effective Date: January 21, 1983

Proposed Expiration Date: October 31, 2017

Under authorization granted by applicable sections of Parts 320 through 330 of Title 33, Code of Federal Regulations, and delegated authority from the Commander, US Army Corps of Engineer, the District Engineer at New Orleans has determined that it is in the public interest to issue a general permit for the Louisiana Department of Wildlife and Fisheries (LWF) to conduct the following on state wildlife management area (WMAs) and refuges within the boundaries of the New Orleans District in Louisiana.

a. Perform work and install structures in or affecting navigable waters of the United States pursuant to Section 10 of the Rivers and Harbors Act of March 3, 1899 (33 USC 403).

b. Deposit dredged and/or fill material into waters of the United States pursuant to Section 404 of the Clean Water Act (33 USC 1344).

This general permit does not authorize dams in navigable waters of the United States pursuant to Section 9 of the Rivers and Harbors Act of March 3, 1899 (33 USC 401) or transportation of dredged material for ocean disposal pursuant to section 103 of the Marine Protection, Research and Sanctuaries Act (33 USC 1413).

This general permit authorizes LWF to perform work on property adjacent to and no greater than 1,000 feet from the boundary of a state WMA or refuge that is intended to benefit, the environment through preservation or enhancement (e.g., bank stabilization activities to preserve refuge habitat.)

This general permit is subject to applicable conditions of the standard Department of the Army permit form (ENG Form 1721). A copy of the form is attached as enclosure 3.

In addition to the standard permit conditions listed in (ENG Form 1721), this general permit is subject to the additional conditions:

a. This general permit may be revised, suspended, modified or revoked by the District Engineer any time such actions are found to be in the public interest.

b. This general permit does not authorize work or structures that may potentially cause, in the District Engineer's opinion, an unreasonable interference with navigation, substantial alternation of surface hydrological patterns or degradation of habit, degradation of water quality, or work that would result in considerable wetland dredging or fills. The District Engineer reserves the right to withhold approval under this general permit authorization for specific activities and require an individual permit application to be processed in a normal manner.

c. To perform work or install structures under authority of this general permit, LWF must:

(1) Provide to the US Fish & Wildlife Service (FWS), National Marine Fisheries Service (NWFS), and US Environmental Protection Agency (EPA), for review and comment a completed permit application form signed by the Refuge Manager, Acting Refuge Manager, or other person authorized in writing by the Refuge Manager along with a location map; and drawings with sufficient information to clearly establish and describe the location, nature, and extent of the proposed activities prior to submitting an application to the Corps. Results of any separate coordination with FWS, NWFS, and EPA must be included with the application package (see condition e, below). To be considered complete, the application must also include a mitigation plan which provides full compensation for unavoidable project impacts on wetlands, if applicable.

(2) Work is not to begin prior to receiving written notice from this district office. This notice, depending upon location and nature of the proposed activities and mitigation plan (if applicable), will normally be provided within 10 working days after receiving a complete application.

d. Road fills must have culverts no smaller than 24 inches in diameter installed and maintained through the fills at least every 500 feet. Inverts of culverts may not be higher than natural grade of adjacent wetland areas.

e. The installation of new water control structures, levees, or other water management devices will be considered for authorization under this general permit on a case-by-case basis, but in general will be subject to the following:

(1) The structure design, location and operation (if applicable) must be coordinated with the FWS, NMFS, and EPA prior to submittal of the application. Recommendations made by these agencies must be incorporated into design criteria to the maximum extent practicable. All comments/recommendations received by LWF and, if applicable, a discussion explaining why recommendations were not incorporated must accompany the permit application in order for it to be considered complete. The District Engineer, upon review of the specific activity and comments by the federal agencies, will determine whether the activity can be authorized under this general permit or whether evaluation as an individual permit application is required.

(2) Structures authorized under this general permit may not obstruct navigation in natural bayous or in man-made waterways which are utilized by the boating public, and must have working safety lights and signs as prescribed by the US Coast Guard, through regulations or otherwise.

(3) Decisions to authorize the installation of new water control structures, levees or other water management devices under this general permit will be made based on the extent of impact caused by the structures. Consideration will be given to whether the structures would be used for water level drawdown or result in the creation of new impoundments or semi-impoundments.

f. Water control structures installed under authority of this general permit are limited to gated or ungated culverts and weirs. Crests of weirs and culverts shall be at least 6 inches lower in elevation than adjacent wetlands.

g. Modifications to existing water control structures are authorized under this general permit provided such structures allow access by marine organisms to the maximum extent practicable.

h. LWF shall contact the owners of pipelines crossing refuges and WMAs prior to performing work or installing structures in the immediate vicinity of pipelines.

i. Issuance of this general permit does not relieve LWF from obtaining any required state or local permits or licenses before commencing work on any project authorized by this general permit.

j. If cultural resources are discovered during operations authorized by this general permit, work shall be suspended and notification given to the State Historic Preservation Officer. Work may not be resumed until satisfactory arrangements are made for the protection, preservation, collection and/or cataloging of these resources.

k. Any work near a mainline flood protection or hurricane protection levee or in navigation channels constructed and/or maintained with federal funds will be reviewed by this district to assess impacts on flood control features and general navigation. Work near a flood protection levee may also require a permit from the local levee district.

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

BY THE AUTHORITY OF THE SECRETARY OF THE ARMY:

Pete J. Serio
Chief, Regulatory Branch
for
Edward R. Fleming
Colonel, US Army
District Commander



STANDARD MANATEE CONDITIONS FOR IN-WATER ACTIVITIES

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

All on-site personnel are responsible for observing water-related activities for the presence of manatee(s). We recommend the following to minimize potential impacts to manatees in areas of their potential presence:

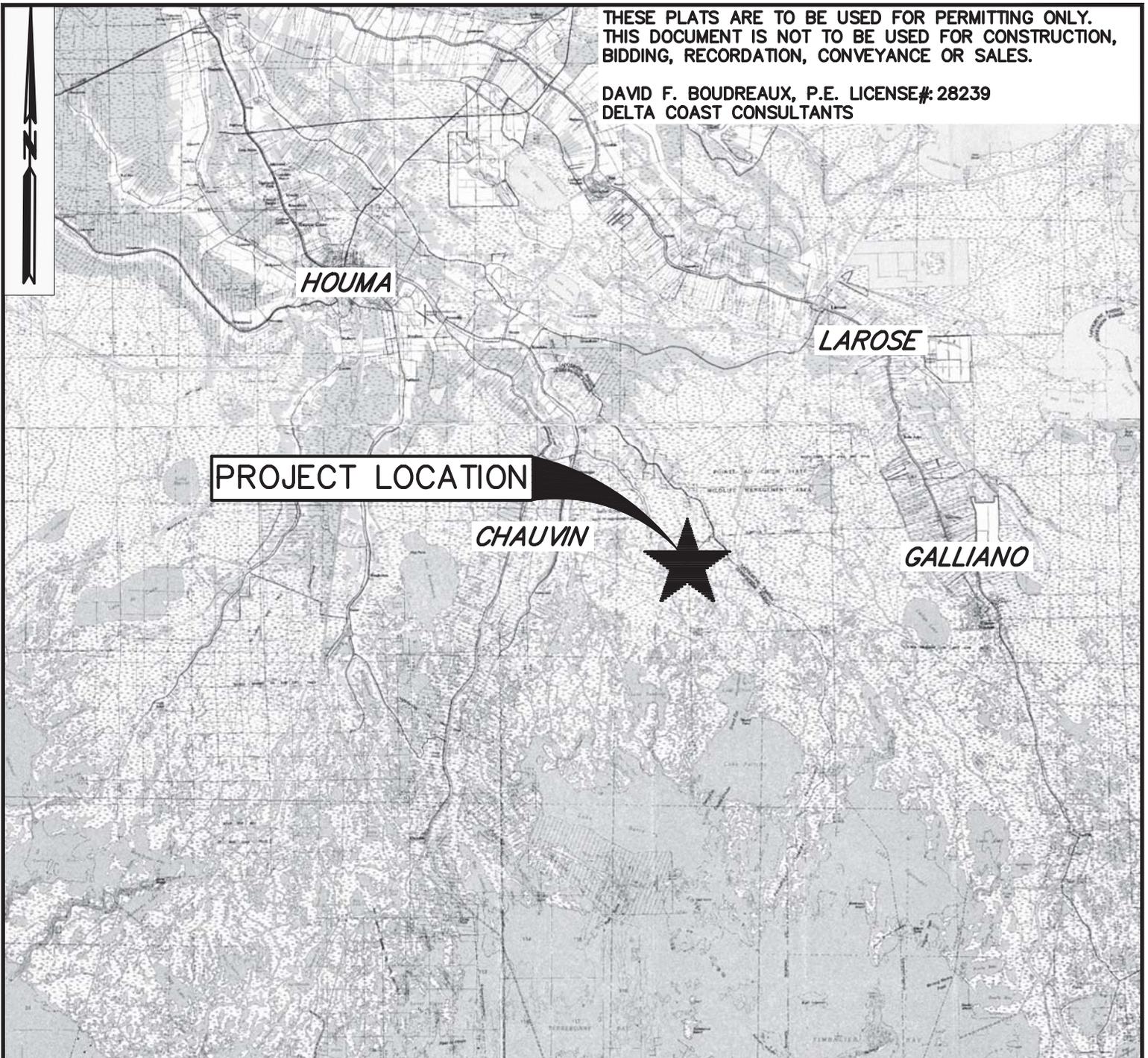
- All work, equipment, and vessel operation should cease if a manatee is spotted within a 50-foot radius (buffer zone) of the active work area. Once the manatee has left the buffer zone on its own accord (manatees must not be herded or harassed into leaving), or after 30 minutes have passed without additional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



Department of Wildlife and Fisheries, Natural Heritage Program (225/765-2821). Please provide the nature of the call (i.e., report of an incident, manatee sighting, etc.); time of incident/sighting; and the approximate location, including the latitude and longitude coordinates, if possible.

THESE PLATS ARE TO BE USED FOR PERMITTING ONLY.
THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION,
BIDDING, RECORDATION, CONVEYANCE OR SALES.

DAVID F. BOUDREAU, P.E. LICENSE#: 28239
DELTA COAST CONSULTANTS



OVERALL VICINITY MAP

SCALE: 1" = 6 MILES

PROPOSED FISHING PIERS AND PARKING
TO BE INSTALLED ON THE WEST SIDE OF ISLAND RD. LOCATED IN
SEC. 18, T19S-R20E & SEC. 37, T19S-R19E
POINTE-AUX-CHENES, TERREBONNE PARISH, LOUISIANA



**DELTA COAST
CONSULTANTS, LLC**

4924 HWY 311 - HOUMA, LA 70360

PHONE: 985-655-3100 www.deltacoastllc.com

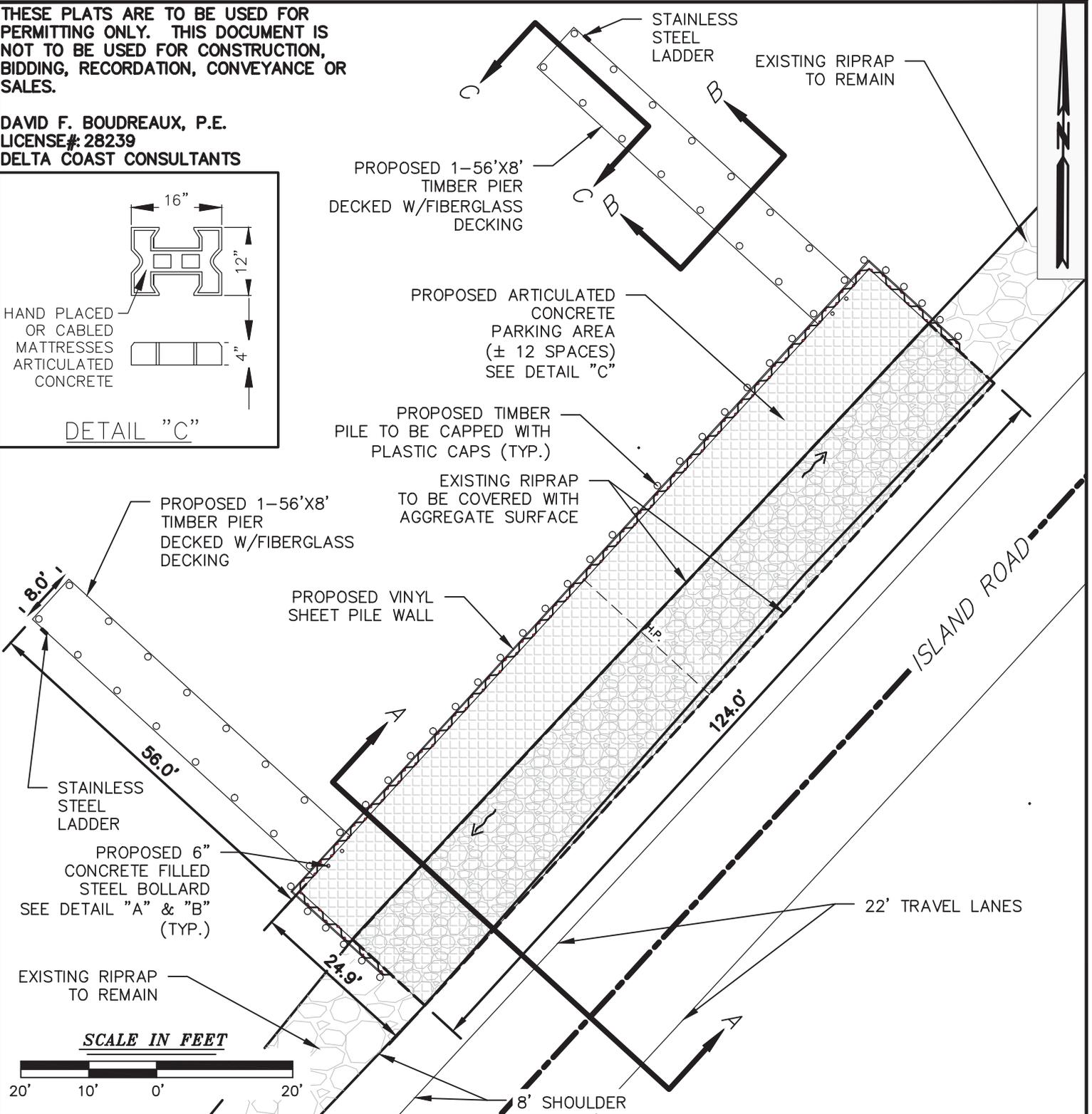
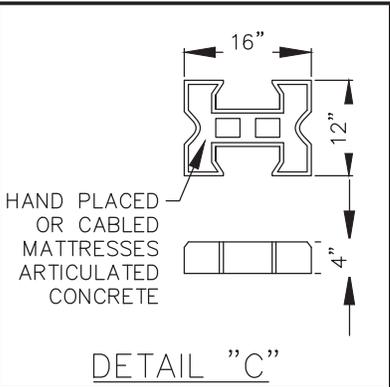
APPLICANT: LOUISIANA DEPARTMENT
OF WILDLIFE AND FISHERIES

DATE: 08/25/17

PAGE 1 OF 6

THESE PLATS ARE TO BE USED FOR PERMITTING ONLY. THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE OR SALES.

DAVID F. BOUDREAU, P.E.
 LICENSE # 28239
 DELTA COAST CONSULTANTS



PROPOSED FISHING PIERS AND PARKING (TYPICAL PLAN VIEW)
 ALL 5 SITES TO BE LAID OUT/DESIGNED IN THE SAME FASHION
 TO BE INSTALLED ON THE WEST SIDE OF ISLAND RD. LOCATED IN
 SEC. 18, T19S-R20E & SEC. 37, T19S-R19E
 POINTE-AUX-CHENES, TERREBONNE PARISH, LOUISIANA

DELTA COAST CONSULTANTS, LLC
 4924 HWY 311 - HOUMA, LA 70360
 PHONE: 985-655-3100 www.deltacoastllc.com

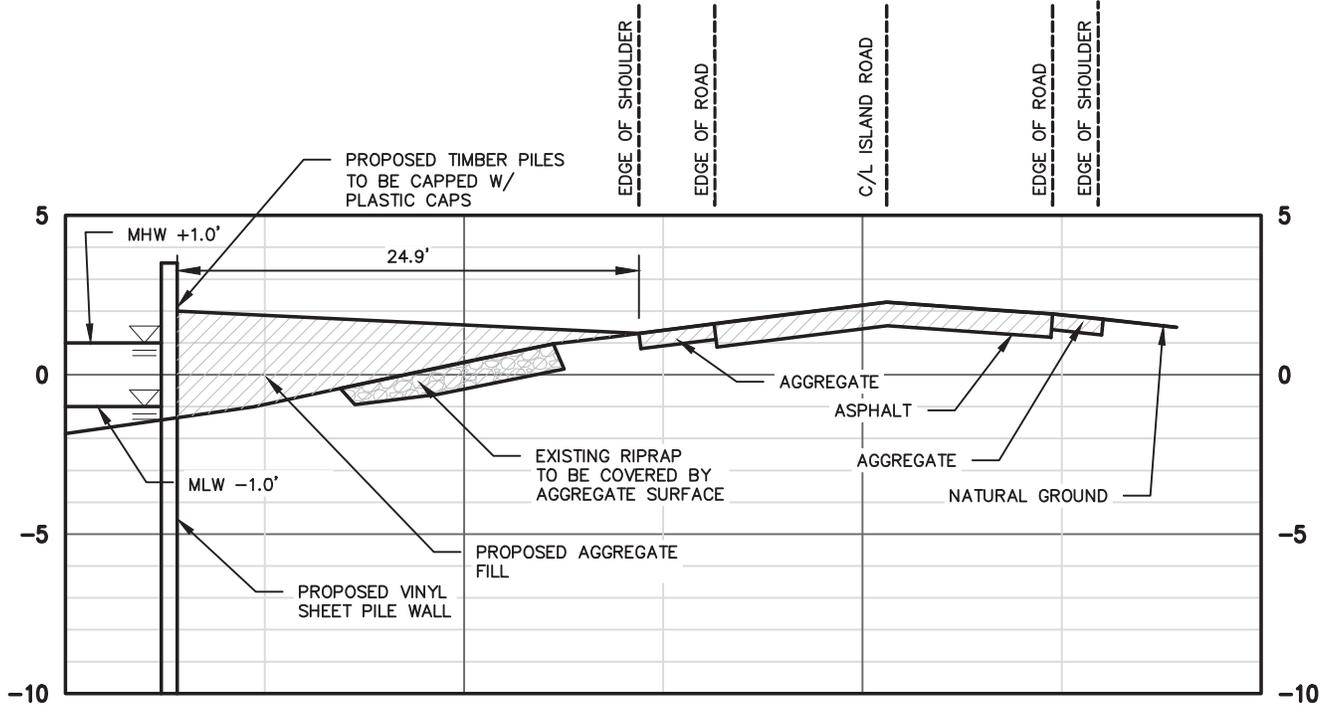
APPLICANT: LOUISIANA DEPARTMENT OF WILDLIFE AND FISHERIES

DATE: 8/25/17
 SHEET 3 OF 6

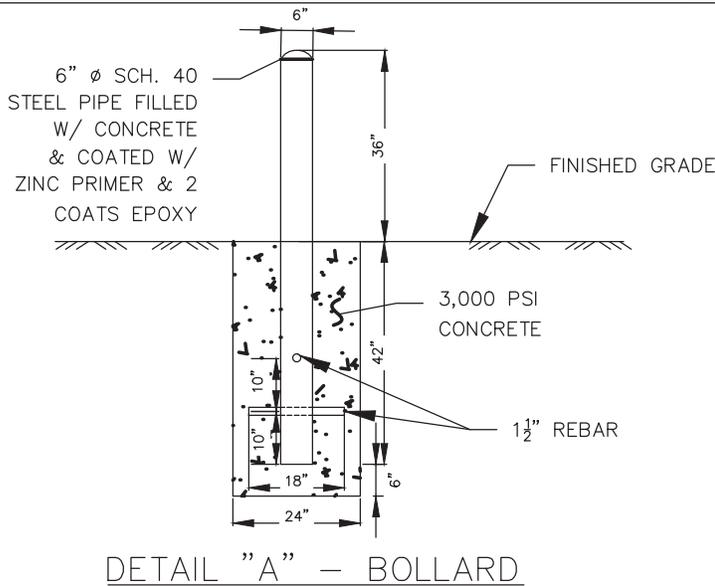
EQUIPMENT LIST:
 1-EXCAVATOR
 1-BULLDOZER
 1-PILE DRIVING RIG
 PERSONNEL VEHICLES

THESE PLATS ARE TO BE USED FOR PERMITTING ONLY.
 THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION,
 BIDDING, RECORDATION, CONVEYANCE OR SALES.

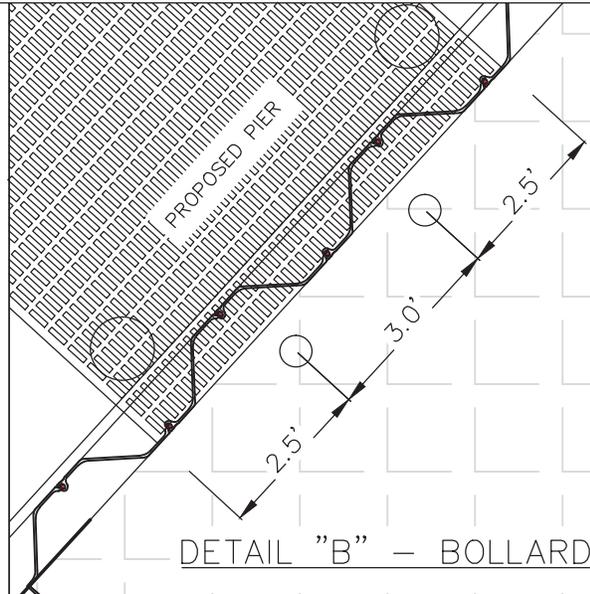
DAVID F. BOUDREAU, P.E. LICENSE#: 28239
 DELTA COAST CONSULTANTS



**CROSS-SECTION A-A
 (N.T.S.)**



DETAIL "A" - BOLLARD



DETAIL "B" - BOLLARD

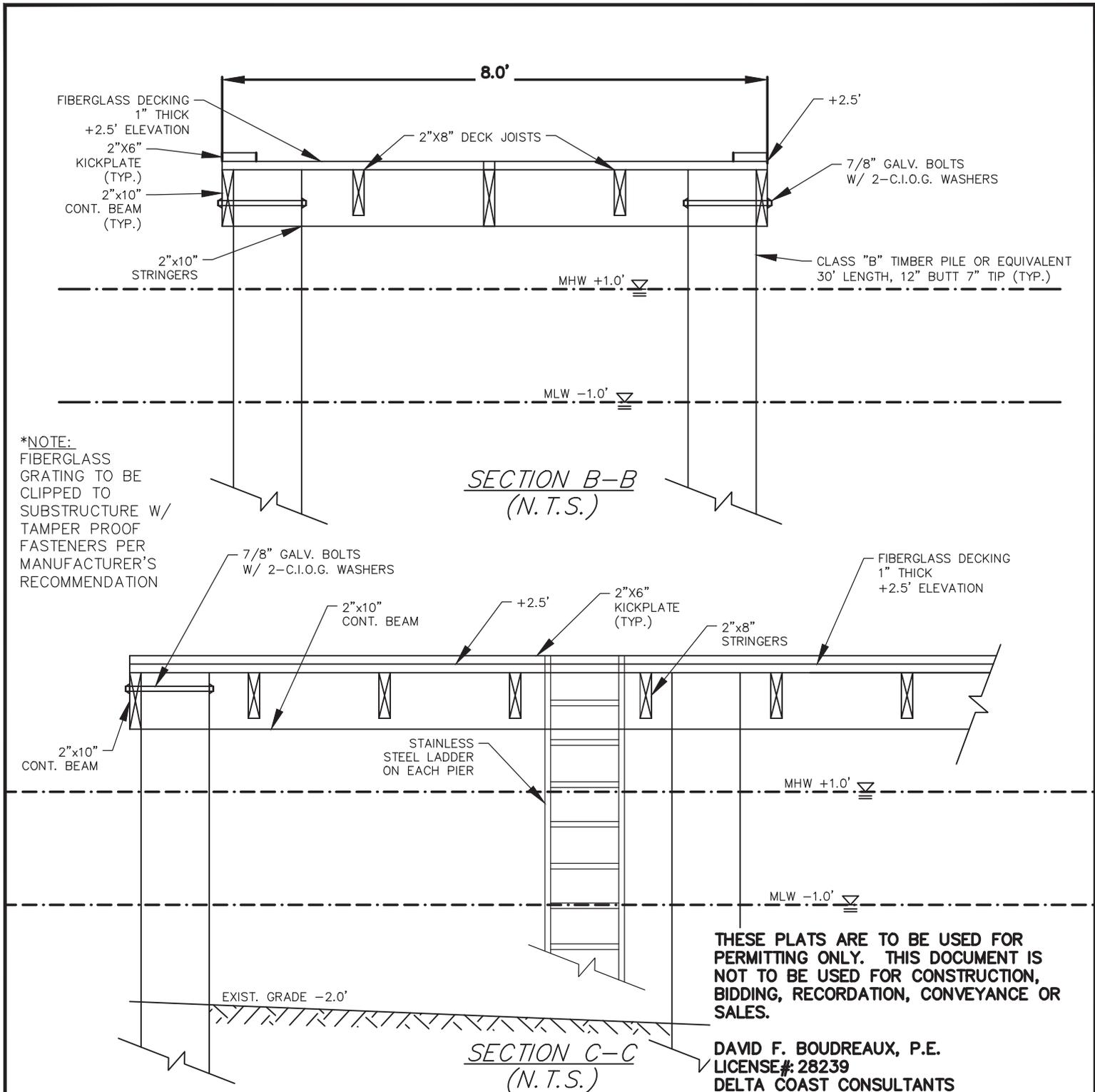
**CROSS-SECTION A-A (TYPICAL SECTION)
 PROPOSED FISHING PIERS AND PARKING
 TO BE INSTALLED ON THE WEST SIDE OF ISLAND RD. LOCATED IN
 SEC. 18, T19S-R20E & SEC. 37, T19S-R19E
 POINTE-AUX-CHENES, TERREBONNE PARISH, LOUISIANA**

**DELTA COAST
 CONSULTANTS, LLC**
 4924 HWY 311 - HOUMA, LA 70360
 PHONE: 985-655-3100 www.deltacoastllc.com

**APPLICANT: LOUISIANA DEPARTMENT OF
 WILDLIFE AND FISHERIES**

DATE: 8/25/17

SHEET 4 OF 6



**CROSS-SECTION B-B & C-C
PROPOSED FISHING PIERS AND PARKING
TO BE INSTALLED ON THE WEST SIDE OF ISLAND RD. LOCATED IN
SEC. 18, T19S-R20E & SEC. 37, T19S-R19E
POINTE-AUX-CHENES, TERREBONNE PARISH, LOUISIANA**



APPLICANT: LOUISIANA DEPARTMENT OF WILDLIFE AND FISHERIES

DATE: 8/25/17
SHEET 5 OF 6

THESE PLATS ARE TO BE USED FOR PERMITTING ONLY.
THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION,
BIDDING, RECORDATION, CONVEYANCE OR SALES.

DAVID F. BOUDREAU, P.E. LICENSE#: 28239
DELTA COAST CONSULTANTS

NOTES:

1. ALL STRUCTURES, FACILITIES, WELLS AND PIPELINES/FLOWLINES OCCURRING IN OPEN WATER AREAS OR IN OILFIELD CANALS OR SLIPS SHALL BE REMOVED WITHIN 120 DAYS OF ABANDONMENT OF THE FACILITIES FOR THE HEREIN PERMITTED USE, UNLESS PRIOR WRITTEN APPROVAL TO LEAVE SUCH STRUCTURES IN PLACE IS RECEIVED FROM THE COASTAL MANAGEMENT DIVISION. THIS CONDITION DOES NOT PRECLUDE THE NECESSITY FOR REVISING THE CURRENT PERMIT OR OBTAINING A SEPARATE COASTAL USE PERMIT, SHOULD ONE BE REQUIRED, FOR SUCH REMOVAL ACTIVITIES.
2. 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.
3. STRUCTURES WILL 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.

QUANTITIES

SITE	HAULED IN MATERIAL PLACED ON WATERBOTTOMS	LIMESTONE
1	275 C.Y.	80 C.Y.
2	275 C.Y.	80 C.Y.
3	275 C.Y.	80 C.Y.
4	275 C.Y.	80 C.Y.
5	275 C.Y. (0.85 AC)	80 C.Y. (0.25 AC)

NOTES AND QUANTITIES
PROPOSED FISHING PIERS AND PARKING
TO BE INSTALLED ON THE WEST SIDE OF ISLAND RD. LOCATED IN
SEC. 18, T19S-R20E & SEC. 37, T19S-R19E
POINTE-AUX-CHENES, TERREBONNE PARISH, LOUISIANA



**DELTA COAST
CONSULTANTS, LLC**

4924 HWY 311 - HOUMA, LA 70360
PHONE: 985-655-3100 www.deltacoastllc.com

APPLICANT: LOUISIANA DEPARTMENT OF
WILDLIFE AND FISHERIES

DATE: 8/25/17

SHEET 6 OF 6