

**GIWW TO CLOVELLY HYDROLOGIC RESTORATION
(BA-02) 2010 MAINTENANCE REPORT**

PROJECT COMPLETION REPORT



Prepared By:

Providence/GSE, GSE Associates, LLC

**GSE Associates, LLC
991 Grand Caillou Road
Houma, Louisiana 70363**

October 5, 2012

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Project Completion Report

PROJECT NAME GIWW to Clovelly Hydrologic Restoration
CWPPRA/STATE PROJECT NO. (BA-02)

Report Date: October 5, 2012

By: Natural Resources Conservative Service

I. Project Managers/Contracting Officer:

CPRA Project Manager	Adam Ledet	Telephone	985-449-5105
CPRA Construction Manager	Adam Ledet	Telephone	985-449-5105
Providence/GSE Project Manager	Phil Schexnayder	Telephone	985-876-6380
Providence/GSE Inspector	Rene Hebert	Telephone	985-852-9507
DQSI Field Superintendent	Farrell Wiggings	Telephone	985-871-7472
DQSI Field Superintendent	Frank Foxworth	Telephone	985-871-7472
DQSI Quality Control	Jeff Arceneaux	Telephone	985-871-7472
DQSI Project Manager	Daniel Martin	Telephone	985-871-7472
DQSI Office Superintendent	Eric Bourg	Telephone	985-871-7472

II. Location and Description of Projects as Approved for Construction by Task Force:

Scope: The GIWW to Clovelly Hydrologic Restoration Project encompasses approximately 14,948 acres of marsh habitat located in the Barataria Basin near the Gulf Intracoastal Waterway (GIWW) in Lafourche Parish, Louisiana. The project is bounded to the north by an arbitrary line through the marsh from the shoreline of Little Lake to the hurricane protection levee northwest of Clovelly Farms, to the west by the South Lafourche hurricane protection levee, to the south by Breton Canal and Superior Canal, and the east by Little Lake and Bay L' Ours.

The GIWW to Clovelly (BA-02) project is a hydrologic restoration project consisting of four (4) fixed crest weirs, one (1) variable crest weir, four (4) canal plugs, one (1) channel plug with culvert and flap-gate, 5,665 linear feet of lake rim restoration and approximately 5,023 linear feet of earthen bank stabilization. The purpose of the project is to protect and nourish intermediate marsh in the project area by restoring natural hydrologic conditions, promote greater use of available freshwater and nutrients, limit rapid water level exchange, slow water exchange through over-bank flow, and reduce rapid salinity spikes and saltwater intrusion.

The Contractor shall provide all labor, materials and equipment necessary to perform the Work. The Work shall include, but not be limited to, mobilization and demobilization at the Project Site, dredging of access and floatation channels, construction and refurbishment of rock dikes/structures, replace of navigational aid substructures and signs, breach repairs

and installation of temporary warning signs and lights. The Work shall be performed in accordance with these Specifications and in conformity to lines, grades and elevations shown on the plans or as directed by the Owner. Quantity calculations, layouts, shop drawings and construction sequencing of these items shall be provided in the Work Plan. The major tasks associated with the Work are described as follows:

1. Surveying - Prior to construction, all structures to be re-capped and the location of the proposed rock dike extension shall be surveyed to establish baseline conditions and access/floatation requirements. During construction, surveys for partial payment and quality control shall be performed as deemed necessary by the Contractor and as requested by the Owner. At a minimum a survey is required for material/quantities. After construction is complete, the Contractor shall perform an As-Built Survey which shall be reviewed by the Owner for acceptance of the Work. The As-Built Survey shall be conducted no earlier than 30 days after the last lift of rock placement has been installed in place.
2. Access and Floatation Channels - Access and floatation channels shall be dredged as necessary to allow marine vessels to construct the rock dike extension and to refurbish existing weirs. All dredging shall be performed using a mechanical dredge. The channels shall be backfilled with the spoil material after construction is complete. All access and floatation channels shall be maintained until the work is accepted by the Owner.
3. Woven Geotextile Fabric - Woven geotextile fabric shall be installed underneath the new rock dike extension.
4. Rock Dike - One (1) segment of continuous dike shall be constructed between Structure 4A/B and Structure 4 along the lake rim of Bayou L'Ourse. The segment will have an approximate length of 1,000 ft.
5. Recapping of Existing Structures - Structures 2, 4 and 14A and the Lake Rim are existing structures in need for additional lifts of riprap material to bring the structures back to their original elevation as depicted on the plans. Structure 14A will not be recapped in its entirety, but only to the limits depicted on the plans.
6. Replacement of Dolphin Substructures - Replace of dolphin substructures and navigation signs for seven (7) navigational aids at Structures 1 and 14A. The work includes removal and storage of the navigational lights at Structure 14A, replacement of the timber dolphin substructures at Structures 1 and 14A and re-installation of the stored navigational lights at Structure 14A. Galvanized wood piles caps will be replaced at Structures 1, 14A and 91 as part of the navigational aid maintenance work.
7. Warning Signs and Light - Temporary warning signs and lights shall be installed for the construction of the rock dike extension between Structures 4A/B and 4.

8. Use of Equipment - The equipment used for the Work shall be operated within the boundaries of the Project Site and away from existing vegetated wetlands, the shoreline, or any other sensitive areas. The Contractor shall be responsible for returning all disturbed wetlands to pre-existing conditions at no expense to the Owner.
9. Navigation Depths - Access and floatation channels shall be dredged and maintained to provide clear and safe navigation of all marine vessels to be used for the Work. Areas containing navigable depths shall not be impaired except as allowed by applicable laws or regulations. It is the responsibility of the Contractor to select equipment that can navigate from a maintained navigation channel to the Project Site without dredging except for the required floatation and access channels. All equipment shall remain floating at all times during the transit to the Project Site. The Contractor shall obtain NOAA Nautical Charts and/or other charts to become familiar with the depths in the vicinity of the Project Site and determine the access/floatation channel requirements to construct the Work.

III. Final, As-Built Features, Boundaries and Resulting Acreage:

See attached plans and C.D. of As-Built Survey (Attachment "E").

IV. Key Project Cost Elements:

	CWPPRA Project Cost Estimates** (TOTAL PROJECT)	Cost Incurred as of Construction Completion (TOTAL PROJECT)
Construction	\$3,098,901.97	\$3,056,833.90
Surveys	44,219.00	44,219.00
E & D	159,668.00	159,566.00
Construction Admin. and Inspection	168,836.80	175,304.68
Total	\$3,471,625.77	\$3,435,923.58

**Most recent estimate from CWPPRA Project Estimates report produced by USACOE.

V. Items of Work:

PROJECT: DNR Contract No. 2503-12-23
 GIWW/Clovelly Hydrologic Restoration
 2010 Maintenance Project
 Lafourche Parish, Louisiana
July 25, 2012

ITEM NO.	WORK	ESTIMATED QUANTITY	UNIT	ESTIMATED UNIT PRICE	ESTIMATED AMOUNT	BID QUANTITY	BID UNIT PRICE	BID AMOUNT	AS BUILT QUANTITY	AS BUILT AMOUNT	
Base Bid											
1	Mobilization and Demobilization	1	L.S.	\$ 110,246.48	\$ 110,246.48	1	\$ 110,246.48	\$ 110,246.48	1	\$ 110,246.48	
2	Construction Surveys	1	L.S.	\$ 205,453.95	\$ 205,453.95	1	\$ 205,453.95	\$ 205,453.95	1	\$ 205,453.95	
3	Access and Floatation Channels	1	L.S.	\$ 52,130.41	\$ 52,130.41	1	\$ 52,130.41	\$ 52,130.41	1	\$ 52,130.41	
4	Breach Repairs	1	L.S.	\$ 54,551.93	\$ 54,551.93	1	\$ 54,551.93	\$ 54,551.93	1	\$ 54,551.93	
5	Temporary Warning Signs & Lights	5	Ea.	\$ 3,676.79	\$ 18,383.95	5	\$ 3,676.79	\$ 18,383.95	5	\$ 18,383.95	
6	Structure 14A - Type V Navigational Aid Substructure & Sign Replacement (Including re-installation of existing navigational lights)	1	L.S.	\$ 76,323.08	\$ 76,323.08	1	\$ 76,323.08	\$ 76,323.08	1	\$ 76,323.08	
7	Structure 1, 4 and 91 – Type III and V Navigational Aid Substructure & Sign Replacement	1	L.S.	\$ 76,438.17	\$ 76,438.17	1	\$ 76,438.17	\$ 76,438.17	1	\$ 76,438.17	
8	10 lb. Riprap	2,600	Tons	\$ 67.26	\$ 174,876.00	2,600	\$ 67.26	\$ 174,876.00	2,664	\$ 179,180.64	
9	130 lb. Riprap	18,430	Tons	\$ 66.38	\$ 1,223,383.40	18,430	\$ 66.38	\$ 1,223,383.40	18,223.50	\$ 1,209,675.93	
9(A)	130 lb. Riprap (Rock Shoreline Protection Between Site 4 and Site 4A/B)	6,570	Tons	\$ 66.38	\$ 436,116.60	6,570	\$ 66.38	\$ 436,116.60	3,571	\$ 237,042.98	
10	250 lb. Riprap	4,200	Tons	\$ 71.80	\$ 301,560.00	4,200	\$ 71.80	\$ 301,560.00	4,611	\$ 331,069.80	
11	Woven Geotextile Fabric	5,300	S.Y.	\$ 3.54	\$ 18,762.00	5,300	\$ 3.54	\$ 18,762.00	4,791	\$ 16,960.14	
12	Reimbursement of Cost to Shut-Down Entergy Transmission Line, Including 20' Safety Zone of No Construction	2,592.93	Allowance	\$ 20,000.00	\$ 20,000.00	2,592.93	\$ 20,000.00	\$ 20,000.00	2,592.93	\$ 2,592.93	
13	Install Two Permanent Warning Signs. One Each at the Center of each Fish Dip	1	L.S.	\$ 4,831.30	\$ 4,831.30	1	\$ 4,831.30	\$ 4,831.30	1	\$ 4,831.30	
DNR Estimated Amount:					\$ 2,773,057.27	Original Base bid Amount:			\$ 2,773,057.27	As-Built Amt:	\$ 2,574,881.69
A-1	130 lb. Riprap	5,400.00	Tons	\$ 64.94	\$ 350,676.00	5,400	\$ 64.94	\$ 350,676.00	7,421.50	\$ 481,952.21	
DNR Additive Alternate Estimated Amount:					\$ 350,676.00	Original Additive Alternate Bid Amount:			\$ 350,676.00	As-Built Amt:	\$ 481,952.21
Total Project Cost:										\$ 3,056,833.90	

VI. Construction and Construction Oversight:

<u>Item</u>	
Prime Construction Contractor	DQSI, LLC
Subcontractor	HydroTerra
Subcontractor	Labor Finders, Inc.
Original Construction Contract	\$3,098,901.97
Change Orders	\$42,068.07
Total Construction Contract Cost	\$3,056,833.90

VII. Major Equipment Used:

Load Site - One (1) 600 Excavator with 2/Buckets; Two (2) spud buckets (one (1) for 600 excavator and one (1) to tie-up loads and empty barges).

Travel Site - Two (2) tug boats; Four (4) smaller barges.

Construction Site - One (1) small tug; Two (2) 260 excavator w/long reach; Two (2) spud barges (one (1) for each excavator); Two (2) small outboards.

VIII. Discuss Construction Sequences and Activities, Problems Encountered, Solutions to Problems, Etc.:

1. The construction survey was done to show limits of work.
2. The Contractor mobilization on work site to start breach repairs.
3. The Contractor started filling in the five (5) breach repairs with earth fill material from limits on plans.
4. The Contractor mobilization at load site to start receiving rock.
5. The Contractor started installing woven geotextile fabric at Site 4.
6. Item No. 8 (Riprap) was installed on site to pin down the woven geotextile fabric at Site 4, which started at station 0+27 to station 11+05.
7. Next on work site was Item No. 9A (130 lb. Riprap) to build new design section for levee.
- 7A. The Contractor had a problem with low power lines. He contacted the power company to de-energize the lines to be able to work under the lines.
8. The Contractor subcontracted pile driving for Structure 1A and Structure 14A. New piles were installed, but existing one stayed for the Contractor to remove on demobilization.
9. As of March 29, Site 4 was finished and the 30 days started for allowing settlement.

- 9A. The Contractor had problems getting rock to work site due to tide. Small barges were loaded with less rock to remedy problem.
10. The Contractor mobilized to Site 4A/B and Structure 4 to install Item No. 9 (130 lb. riprap). Completed both locations as per design sections.
11. The Contractor mobilized to Structure 2 and Base Bid part of Lake Rim to install Item No. 9 (130 lb. riprap). Completed both locations as per design sections.
12. The Contractor moved both excavators to Alternate No. 1. Completed as per design section.
13. The Contractor ordered plan quantity. Due to little settlement the Contractor did a second lift on Alternate No. 1, Lake Rim and Site 4.
14. The Contractor mobilized back to breach to finish the elevation and slopes. This was completed and grass was planted.
15. The Contractor moved one excavator to Site 1A and one excavator to Site 14A to remove existing piles and install new sign. Also relocated navigational aids at 14A.
16. The Contractor then put both excavators on Site 14A to install Item No. 10 (250 lb. riprap). Completed as per design section.
17. The Contractor cleaned up sites and removed all equipment.

IX. Construction Change Orders and Field Changes:

Field Change No. 1: The Contractor requested to move fish dips at Site 4 due to low power lines. This field change was not done due to power was turned off to the power lines. Fish dips were installed as per plans.

Change Order No. 1: The Contractor was given a \$20,000 allowance for shut-down of overhead power lines (at a cost of \$2,592.93).

Change Order No. 2: The Contractor was asked to install two (2) warning signs and piles in front of fish dips in Site 4 (at a cost of \$4,831.30).

Change Order No. 3: Due to contract quantity of Item Nos. 9 and 9A, approximately 8,000 tons of riprap was remaining. They were given 12 days to end of contract time to install this at sites Alternate No. 1, Lake Rim and Site 4 (no cost).

Change Order No. 4: The Contractor was given three (3) calendar days' time extension for extreme low tide. Adjustment of estimated contract item quantities in the amount of -\$66,899.37.

Modification No. 1: The design sections at Alternate No. 1, Lake Rim and Site 4 were changed due to quantity of Item Nos. 9 and 9A (no cost).

X. Pipeline and Other Utility Crossings:

<u>Structure</u>	<u>Owner</u>	<u>Representative to Contact</u>
Breach 5	Stone Energy	Sonny Crosby (985) 870-5001
Breach 4	Stone Energy	Sonny Crosby (985) 870-5001
Lake Rim	Entergy	James Sholan (504) 390-9414
Site 4	Entergy	James Sholan (504) 390-9414

XI. Safety and Accidents:

Accident No. 1: Frank Foxworth (DQSI) was stepping onto a wet barge at the load site and slipped down. He did get examined at the end of the work day. Report was filed with details and doctor notes.

Accident No. 2: Informed someone stepped on a nail in the boards that were on the small barge. Work was stopped for 4 hours to remove the boards and make work area safe.

XII. Additional Comments Pertaining to Construction, Completed Project, Etc.:

On June 4, 2012, Mr. Brian Babin (CPRA) requested pile caps on new piles at Site 4 (no cost).

XIII. Significant Construction Dates:

<u>Action</u>	<u>Construction Date</u>
Bid I.D. (Construction Vegetation, Etc.)	Construction
Bid Opening	September 7, 2011
Construction Contract Award	November 4, 2011
Pre-Construction Conference	November 17, 2011
Notice to Proceed	November 4, 2011
Mobilization	November 21, 2011
Construction Start	December 12, 2011
Construction Completion	June 1, 2012
Final Acceptance	July 24, 2012

XIV. Materials Submitted:

See Attachment "G".

XV. Lessons Learned:

ATTACHMENT "A"

Project Permits



19218 North 5th Street · Covington, LA 70433
Phone (985) 871-7472 · Fax (985) 871-1072
www.DQSI.com

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

December 13, 2011

Submittal
Coast Guard Permit
Temporary Warning Signs

PROJECT (BA-02)

Submitted To:
State of Louisiana
Office of State Purchasing
1201 N. Third Street
Baton Rouge, LA 70802

Contractor:
DQSI Corporation (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

DQSI Corporation

Approved
Approved with corrections as noted on
Submittal data and/or sheet(s)

SIGNATURE:
TITLE:
DATE:

[Handwritten Signature]
[Handwritten Title]
12/14/2011

REVIEWED FOR GENERAL
COMPLIANCE WITH
CONTRACT DOCUMENTS

NO RESPONSIBILITY IS ASSUMED FOR QUANTITIES OR FOR CORRECTNESS OF DIMENSIONS OR DETAILS.

THIS REVIEW IS SUBJECT TO ALL TERMS AND CONDITIONS OF THE CONTRACT DOCUMENTS WITH SPECIAL REFERENCE TO WARRANTY REQUIREMENTS CONTAINED THEREIN. THE CONTRACTOR SHALL OBTAIN A CERTIFICATION FROM ALL SUPPLIERS AND/OR SUBCONTRACTORS THAT THEY ARE AWARE OF AND ARE ABIDING BY WARRANTY REQUIREMENTS OF THE CONTRACT DOCUMENTS.

NO EXCEPTIONS TAKEN
MAKE CORRECTIONS NOTED _____
REVISE & RESUBMIT _____
REJECTED SEE REMARKS _____

GSE ASSOCIATES, LLC

BY *LBP* DATE *12/15/2011*



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DQSI Corporation

Approved
Approved with corrections as noted on
Submittal data and/or sheet(s)

SIGNATURE: *[Signature]*

TITLE: *[Signature]*

DATE: 12/14/2011

EMIRAZ...
 31244302 TO CELL...
 31244302 TO CELL...
 31244302 TO CELL...

U.S. DEPARTMENT OF HOMELAND SECURITY U.S. COAST GUARD CG-2654 (Rev. 08-05)

PRIVATE AIDS TO NAVIGATION APPLICATION
 (See attached instructions and copy of Code of Fed. Reg., Title 33, Chap. 1, Part 66)

Form Approved OMB-1625-0011

NO PRIVATE AID TO NAVIGATION MAY BE AUTHORIZED UNLESS A COMPLETED APPLICATION FORM HAS BEEN RECEIVED (16 U.S.C. 85; 33 C.F.R. 88.01-5).

1. ACTION REQUESTED FOR PRIVATE AIDS TO NAVIGATION: A. ESTABLISH AND MAINTAIN B. DISCONTINUE C. CHANGE D. TRANSFER OWNERSHIP

2. DATE ACTION TO START: December 9, 2011 TO

3. AIDS WILL BE OPERATED: A. THROUGHOUT THE YEAR B. TEMPORARILY UNTIL 3-31-2012 C. ANNUALLY

4. NECESSITY FOR AID (Continue in Book #) Temporary Warning Sign for Dredging Activity

5. GENERAL LOCALITY Lafourche Parish

6. CORPS OF ENGINEERS AUTHORIZED THIS STRUCTURE OR BUOY BY PERMIT OR LETTER (See and date)

FOR DISTRICT COMMANDERS ONLY

7. APPLICANT WILL FILL IN APPLICABLE REMAINING COLUMNS

LIGHT LIST NUMBER OR PAGE	NAME OF AID	NO. OR LIT. (7e)	FLASH PER (7b)	FLASH LENGTH (7c)	COLOR (7d)	POSITION (7e)	DEPTH OF WATER (7f)	CAN-DLE ABOVE POWER (7g)	HT. ABOVE WATER (7h)	STRUCTURE TYPE, COLOR, AND HEIGHT ABOVE GROUND (7i)	REMARKS (See instructions) (7j)
	Lafourche	2.2	.3		W	29-30-58.78N 90-13-50.65W	3'		9'	Type III, White with orange band, +12'	X FLASH CHARACTERISTIC SHALL BE: FL2.5s (.3 sec ON/2.2 sec OFF) APPROVED
	Unlighted Parish Temporary DANGER LIGHTS (TEMPORARY)	2.2	.3		W	29-30-57.52N 90-13-52.35W	3'		9'	Type III, White with orange band, +12'	
		2.2	.3		W	29-30-56.45N 90-13-54.13W	3'		9'	Type III, White with orange band, +12'	
		2.2	.3		W	29-30-55.77N 90-13-56.60W	3'		9'	Type III, White with orange band, +12'	
		2.2	.3		W	29-30-54.50N 90-13-58.52W	3'		9'	Type III, White with orange band, +12'	

8. ADDITIONAL COMMENTS The aforementioned navigational aids are for the purpose of marking an obstruction during the course of constructing a rock dike. The navigational aids will be a single pile structure with a warning sign reading "DANGER OBSTRUCTION DO NOT PROCEED" with a flashing white light fixed on top. The total length of the rock dike is approximately 1100'. The signs shall be 48" square with a 2" band of orange retro-reflective material on a field of white retro-reflective material with black lettering.

9a. NAME AND ADDRESS OF PERSON IN DIRECT CHARGE
 Eric Bourg
 19218 North 5th Street
 Covington, LA 70433

9b. TELEPHONE NO.
 985-871-7472

10a. NAME AND ADDRESS OF PERSON OR CORPORATION AT WHOSE EXPENSE
 Lafourche Parish Council
 101 West 112th Street
 Cut Off, LA 70345

10b. THE APPLICANT AGREES TO SAVE THE COAST GUARD HARMLESS WITH RESPECT TO ANY CLAIM OR CLAIMS THAT MAY RESULT ARISING FROM THE ALLEGED NEGLIGENCE OF THE MAINTENANCE OR OPERATION OF THE APPROVED AID(S).

10c. DATE: 11/22/2011
 DATE APPROVED: 12/19/11

10d. SIGNATURE AND TITLE OF OFFICIAL SIGNING
 [Signature] Project Manager

SERIAL NO. []
 FOR USE BY DISTRICT COMMANDER CLASSIFICATION OF AIDS: I

REC'D. CHART L.N.M. 11365 50/11

PREVIOUS EDITIONS ARE OBSOLETE

JOE W. VAUTERS, CHIEF (PRIVATE AIDS SECTION)

THE UNITED STATES SHALL IN NO CASE BE LIABLE FOR ANY DAMAGE OR INJURY TO THE STRUCTURE OR WORK HEREIN AUTHORIZED WHICH MAY BE CAUSED BY OR RESULT FROM FUTURE OPERATIONS UNDER TAKEN BY THE GOVERNMENT FOR THE CONSERVATION OR IMPROVEMENT OF NAVIGATION, OR FOR OTHER PURPOSES AND NO CLAIM OR RIGHT TO COMPENSATION SHALL ACCRUE FROM ANY SUCH DAMAGE.

ANY LENS/LAMP COMBINATION APPEARING IN THE CURRENT LIST OF ACCEPTABLE LENS/LAMP COMBINATIONS FOR 33 CFR 67 APPROPRIATE FOR THE CLASS STRUCTURE, MAY BE SUBSTITUTED FOR PREVIOUSLY APPROVED EQUIPMENT WITHOUT SUBMISSION OF AN APPLICATION TO CHANGE EQUIPMENT MINIMUM ALLOWABLE VOLTAGES FOR LIGHTS PUBLISHED IN THE ABOVE MENTIONED LIST AND MINIMUM ACCEPTABLE FOG SIGNAL POWER LEVELS NOTED ON THE CERTIFICATE AND/OR EQUIPMENT ARE APPLICABLE



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STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

December 22, 2011

Submittal
Coast Guard
Local Notice To Mariners

PROJECT (BA-02)

Submitted To:
State of Louisiana
Office of State Purchasing
1201 N. Third Street
Baton Rouge, LA 70802

Contractor:
DQSI, LLC (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

**REVIEWED FOR GENERAL
COMPLIANCE WITH
CONTRACT DOCUMENTS**

NO RESPONSIBILITY IS ASSUMED FOR QUANTITIES OR FOR CORRECTNESS OF DIMENSIONS OR DETAILS.

THIS REVIEW IS SUBJECT TO ALL TERMS AND CONDITIONS OF THE CONTRACT DOCUMENTS WITH SPECIAL REFERENCE TO WARRANTY REQUIREMENTS CONTAINED THEREIN. THE CONTRACTOR SHALL OBTAIN A CERTIFICATION FROM ALL SUPPLIERS AND/OR SUBCONTRACTORS THAT THEY ARE AWARE OF AND ARE ABIDING BY WARRANTY REQUIREMENTS OF THE CONTRACT DOCUMENTS.

NO EXCEPTIONS TAKEN	<input checked="" type="checkbox"/>
MAKE CORRECTIONS NOTED	<input type="checkbox"/>
REVISE & RESUBMIT	<input type="checkbox"/>
REJECTED. SEE REMARKS	<input type="checkbox"/>

GSE ASSOCIATES, INC.

By LBP Date 1/3/2012

DQSI Corporation

Approved with corrections as noted on Submittal data and/or sheet(s)

SIGNATURE: _____
TITLE: _____
DATE: 12/22/2011



19218 North 5th Street · Covington, LA 70433
Phone (985) 871-7472 · Fax (985) 871-1072
www.DQSI.com

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

December 22, 2011

Submittal
Coast Guard
Local Notice To Mariners

PROJECT (BA-02)

Submitted To:
State of Louisiana
Office of State Purchasing
1201 N. Third Street
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DQSI Corporation

Approved
Approved with corrections as noted on
Submittal data and/or sheet(s)

SIGNATURE:

TITLE:

DATE:

[Handwritten Signature]
PM
12/22/2011



U.S. Department
of Homeland Security
**United States
Coast Guard**

LOCAL NOTICE TO MARINERS

District 8 GULF

Week: 51/11

8TH DISTRICT LOCAL NOTICE TO MARINERS
GULF OF MEXICO
Econfina River, FL to the Rio Grande, TX
LIGHT LIST VOLUME IV
NOTICE NUMBER 51/11
December 21, 2011

References: COMDTPUB P16502.4, Vol. IV, 2011 Edition and Coast Pilot V.

COAST GUARD DISTRICT 8, WATERWAYS, (504) 671-2327, 7:00 a.m. until 3:30 p.m. (CST)
NIS WATCHSTANDER PHONE (703) 313-5900 24-HOURS A DAY

INTERNET ADDRESS [HTTP://www.navcen.uscg.gov](http://www.navcen.uscg.gov)

2011 SPECIAL NOTICE TO MARINERS <http://www.navcen.uscg.gov/?pageName=lnmDistrict®ion=8&ext=g>
GULF OF MEXICO LNM VIA INTERNET <http://www.navcen.uscg.gov/?pageName=lnmDistrict®ion=8&ext=g>

BROADCAST NOTICE TO MARINERS COVERED IN THIS EDITION

ORIGINATING UNIT	BEGINNING BNMS	ENDING BNMS
CCGD8	BNM 0188-11 (D8)	BNM 0191-11 (D8)
CCGD8 (OB)	BNM 0120-11 (OB)	BNM 0120-11 (OB)
CCGD8 (DPB)	BNM 0509-11 (DPB)	BNM 0509-11 (DPB)
SECTOR MOBILE (MO)	BNM 1073-11 (MO)	BNM 1095-11 (MO)
SECTOR NEW ORLEANS (NO)	BNM 2106-11 (NO)	BNM 2158-11 (NO)
SECTOR HOUSTON-GALVESTON (GA)	BNM 1173-11 (GA)	BNM 1187-11 (GA)
SECTOR CORPUS CHRISTI (CC)	BNM 0842-11 (CC)	BNM 0857-11 (CC)

ABBREVIATIONS

A through H

ADRIFT - Buoy Adrift
AICW - Atlantic Intracoastal Waterway
Al - Alternating
B - Buoy
BKW - Breakwater
bl - Blast
BNM - Broadcast Notice to Mariner
bu - Blue
C - Canadian
CHAN - Channel
CGD - Coast Guard District
C/O - Cut Off
CONT - Contour
CRK - Creek
CONST - Construction
DBN/Dbn - Daybeacon
DBD/DAYBD - Dayboard
DEFAC - Defaced
DEST - Destroyed
DISCON - Discontinued
DMGD/DAMGD - Damaged
ec - eclipse
EST - Established Aid
ev - every
EVAL - Evaluation
EXT - Extinguished
F - Fixed
fl - flash
Fl - Flashing

I through O

I - Interrupted
ICW - Intracoastal Waterway
IMCH - Improper Characteristic
INL - Inlet
INOP - Not Operating
INT - Intensity
ISL - Islet
Iso - Isophase
kHz - Kilohertz
LAT - Latitude
LB - Lighted Buoy
LBB - Lighted Bell Buoy
LHB - Lighted Horn Buoy
LGB - Lighted Gong Buoy
LONG - Longitude
LNM - Local Notice to Mariners
LT - Light
LT CONT - Light Continuous
LTR - Letter
LWB - Lighted Whistle Buoy
LWP - Left Watching Properly
MHz - Megahertz
MISS/MSNG - Missing
Mo - Morse Code
MSLD - Misleading
N/C - Not Charted
NGA - National Geospatial-Intelligence Agency
NO/NUM - Number
NOS - National Ocean Service

P through Z

PRIV - Private Aid
Q - Quick
R - Red
RACON - Radar Transponder Beacon
Ra ref - Radar reflector
RBN - Radio Beacon
REBUILT - Aid Rebuilt
RECOVERED - Aid Recovered
RED - Red Buoy
REFL - Reflective
RRL - Range Rear Light
RELIGHTED - Aid Relit
RELOC - Relocated
RESET ON STATION - Aid Reset on Station
RFL - Range Front Light
RIV - River
s - seconds
SEC - Section
SHL - Shoaling
si - silent
SIG - Signal
SND - Sound
SPM - Single Point Mooring Buoy
SS - Sound Signal
STA - Station
STRUCT - Structure
St M - Statute Mile
TEMP - Temporary Aid Change
TMK - Topmark

LA - GIWW - WEST CLOSURE COMPLEX - Navigation Traffic - UPDATE

Mariners are urged to exercise extreme caution and proceed at the slowest safe speed to minimize wake on construction barges. Pile driving barges, a float rig, and cranes will cause a partial blockage of the Harvey Canal. Construction will be performed to minimize navigation delays to the maximum extent possible.

Mariners must contact the M/V CAPTAIN JOHN or the M/V PROSPECTOR, WCC Traffic Control Center, on VHF Channels 13 or 16, to arrange safe passage. The contact phone number for the M/V CAPTAIN JOHN is (504) 331-3172, and the M/V PROSPECTOR is (954) 818-9844.

For up-to-date information, mariners can contact USACE New Orleans District, Tim Connell, at (504) 862-2360.

Chart 11367

LNM: USACE
NO

LA - GIWW, MILE 35.0, WHL - Sheet Pile Driving/Stone Placement

Continuing until approximately May 21, 2012, a U.S. Government Contractor will be constructing approximately 1,600 linear feet of new sheet pile I-Wall and installing 11,800 tons of rip-rap immediately adjacent to the new floodwall, along the southwest bank of the GIWW approximate Mile 35.0, WHL. This work site is located east of Bayou Lafourche and west of GIWW Highway 308 Bridge. Work will be performed 7-days a week, from 7:00 a.m. until 7:00 p.m. During non-working hours, the contractor will move equipment to the southeast bank of the GIWW. The floating plant will consist of various stone barges, NESI II Barge, MCD 374 Barge and the M/V YAYA. The contractor will be monitoring VHF-FM Channel 69. Mariners are urged to transit at their slowest safe speed to minimize wake and proceed with caution after passing arrangements have been made.

Charts: 11355 11365

LNM: USACE
NO

LA - GIWW, MILE 35.2, WHL TO MILE 35.5, WHL - Safety Zone

Continuing until approximately June 30, 2012, a Safety Zone is in effect from approximate Mile 35.2, WHL to Mile 35.5, WHL, on the GIWW. Safety Zone is for the installation of rip-rap adjacent to the new floodwall, along the southeast bank of the GIWW. Mariners are urged to transit at the slowest safe speed to minimize wake. For up-to-date information, mariners can contact the M/V YAYA on VHF-FM Channel 69.

Charts: 11355 11365

LNM: BNM
2085-11
NO

LA - GIWW, MILE 55.0, WHL - Submerged Obstruction

A submerged obstruction has been reported in the GIWW in the vicinity of Mile 55.0, WHL, in approximate position 29-36-16.0N 090-40-58.0W. The obstruction is reportedly not marked. Mariners are urged to use caution in the area and report any findings to their nearest U.S. Coast Guard unit.

Chart 11355

LNM: CGD8
206-11

LA - BAYOU LAFOURCHE - Bridge Closure - UPDATE

Construction continues on the new vertical lift bridge across Bayou Lafourche, Mile 38.7, at Larose, Lafourche Parish, Louisiana. The bridge will be open to navigation through the end of the year. The Tug MISS MEGAN will be on site during operations. The existing pontoon bridge at Mile 39.1 continues to operate during construction of the replacement bridge. Please exercise caution when transiting this area.

Charts: 11355 11365

LNM: OB

LA - BAYOU LAFOURCHE - Dredging

Continuing until approximately March 20, 2012, DQSI LLC. will be conducting dredging operations for temporary floatation channels to install a rock dike along the western shore of Bay L'Ours in LaFourche Parish. Dredging will be performed from 6:00 a.m. until 5:00 p.m., Monday through Friday. Two spud barges will be used for the operation. Spoils will be temporarily placed adjacent the floatation channels and marked with lighted DANGER signs. The spud barges and support vessels will be monitoring VHF-FM Channel 7. Mariners are urged to transit the area with extreme caution.

Charts: 11355 11365

LNM: BNM
0189-11
DPW

LA - GIWW, MILE 370.0, WHL - MILE 375.0, WHL - Dredging

Continuing until approximately December 28, 2011, dredging is being conducted in the GIWW between Mile 370.0, WHL and Mile 375.0, WHL. Barges are urged to transit through this area at their slowest safe speed to maintain steerage and should be in a single wide format when total barge width exceeds 35 feet. Mariners are urged to transit the area with extreme caution.

Chart 11355

LNM: BNM
1178-11
GA

LA - TIMBALIER BAY - Dredging

Continuing until approximately February 29, 2012, the Bucket DREDGE 646 and attendant plant will be working in the southeast area of Timbalier Bay area, approximate positions:

- Northwest Corner
- 29-06-01.21N 090-15-55.16W
- Northeast Corner
- 29-05-55.68N 090-14-28.32W



DEPARTMENT OF THE ARMY

NEW ORLEANS DISTRICT CORPS OF ENGINEERS

P.O. BOX 60267

NEW ORLEANS, LOUISIANA 70160-0267

REPLY TO
ATTENTION OF:

Operations Division
Central Evaluation Section

MAR 10 2008

SUBJECT: MVN 2007-4248-CY

Lafourche Parish Council
101 West 112th Street
Cut Off, Louisiana 70345

Gentlemen:

Additional drawings enclosed in 17 sheets, furnished with your application dated October 29, 2007, requesting Department of the Army authorization to dredge and deposit fill and/or aggregate material, conduct maintenance of canal banks, and install and maintain rock weirs, rock shorelines, and navigational aids for the purpose of maintaining constructed features of the GIWW to Clovelly Hydrologic Restoration Project (CWPPRA Project BA-02) located in Lafourche Parish, are approved and will be included in your plans for the work authorized by the Secretary of the Army in permit dated December 4, 1991, and time extension dated October 10, 1996, from the District Engineer at New Orleans, Louisiana.

A copy of the first page of this permit approval letter must be conspicuously displayed at the project site. Also, you must keep a copy of this signed letter, with attached drawings, at the project site until the work is completed.

The time limit for completion of this work is extended to March 31, 2013.

The following special conditions are being made a part of this authorization. All other special conditions to which the work is made subject, remain in full force and effect:

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

2. Maintenance dredging, including dredging for material to maintain project features authorized herein, is approved for a period of ten (10) years from the date of permit issuance. Maintenance operations shall not exceed specifications as shown on the permit drawings without prior approval from CEMVN.

RECEIVED

MAR 12 2008

[Signature]
.....

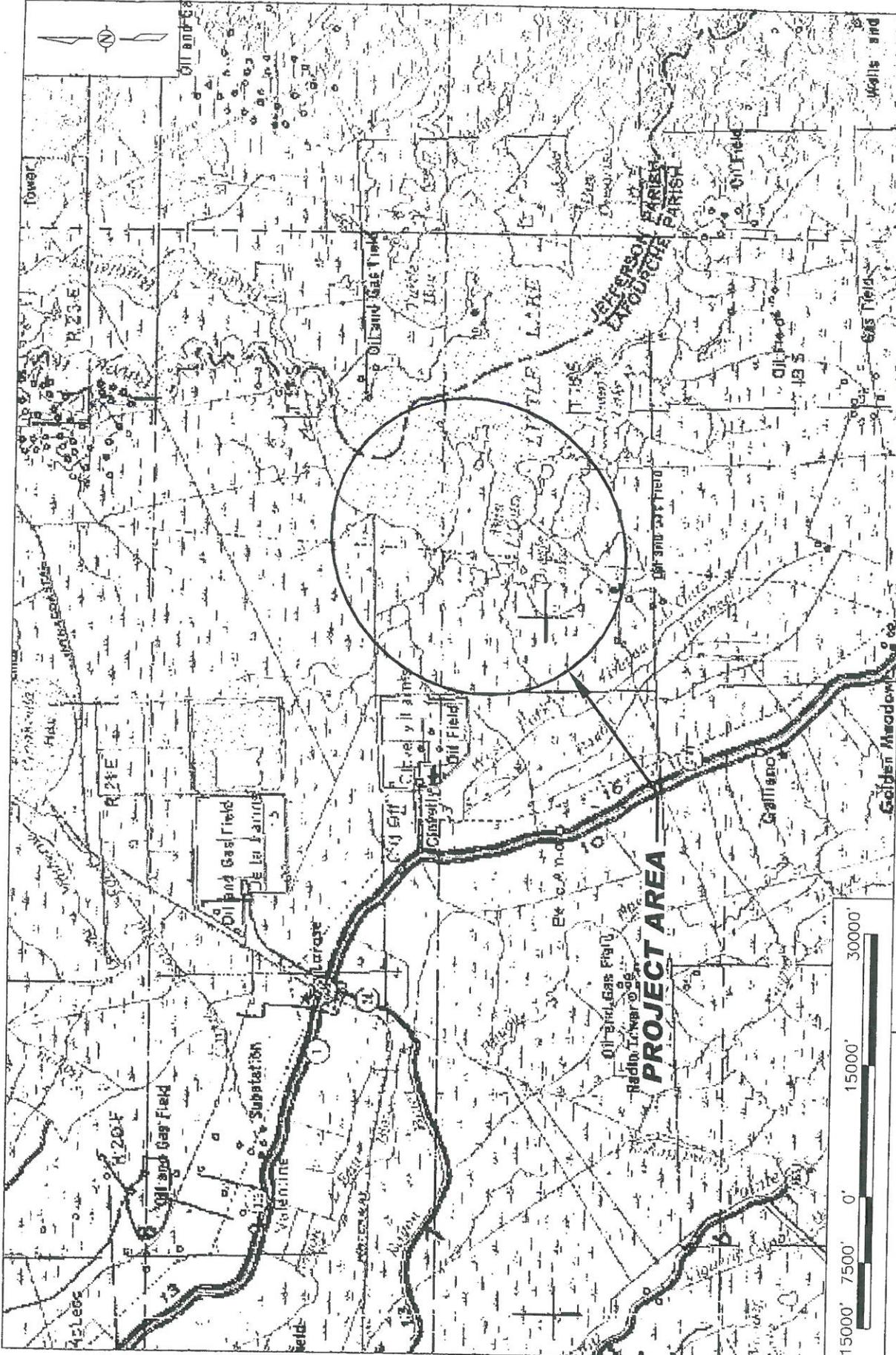
If the structure or work authorized is not completed on or before the date herein specified, this authorization, if not previously revoked or specifically further extended, will cease and become null and void.

BY AUTHORITY OF THE SECRETARY OF THE ARMY:

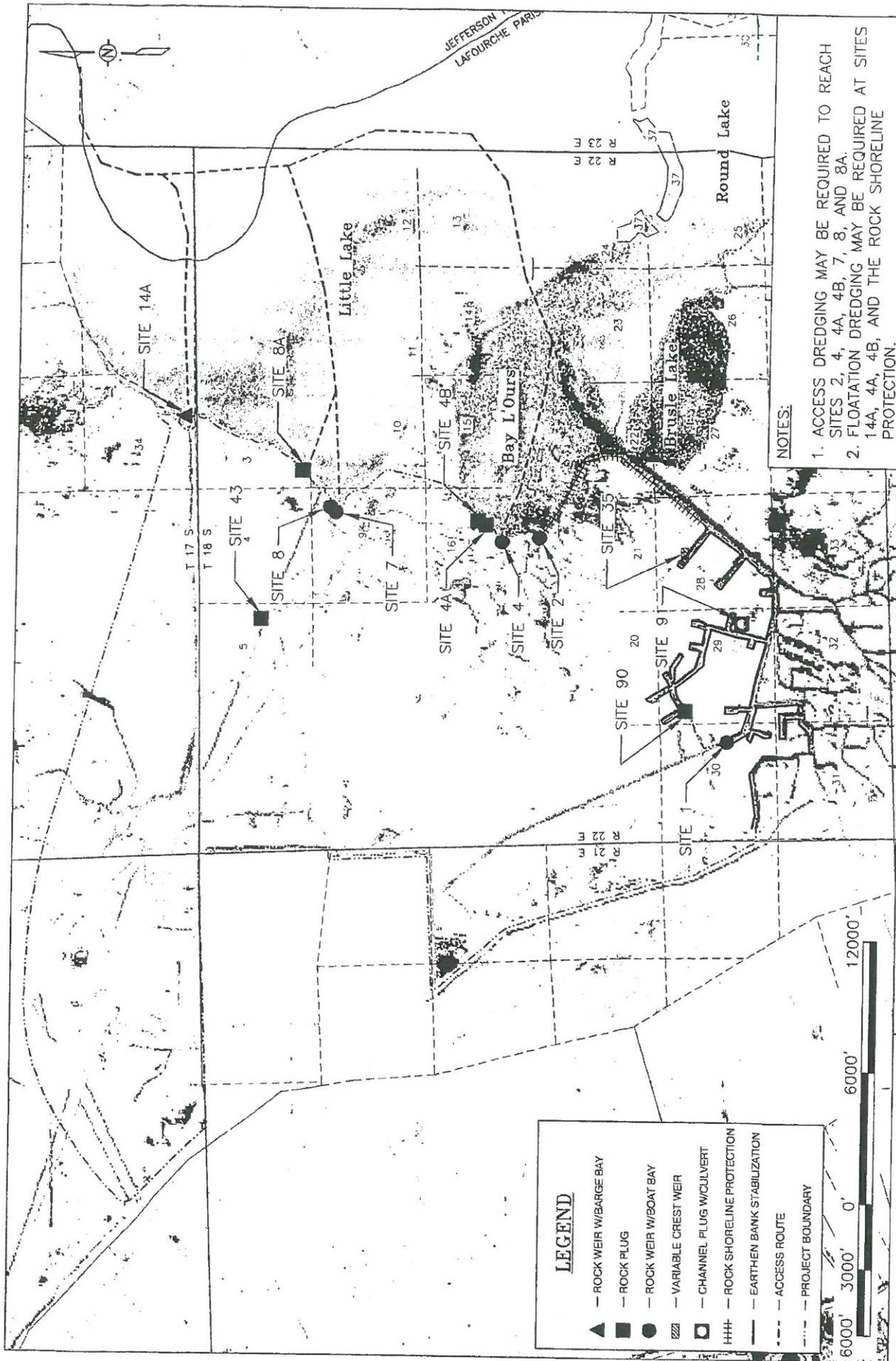


Pete J. Serio
Chief, Regulatory Branch
for
Alvin B. Lee
Colonel, U.S. Army
District Commander

Enclosures



<p>APPLICATION BY: LAFOURCHE PARISH COUNCIL 101 WEST 112TH STREET CUTOFF, LA 70345</p>	<p>DESIGNED BY: B. BABIN</p>	<p>LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION 617 NORTH 3RD STREET BATON ROUGE, LOUISIANA 70802</p>	<p>MAINTENANCE PLAN</p>
<p>DRAWN BY: S. TRICHE</p>	<p>APPROVED BY: D. BURKHOLDER</p>	<p>STATE PROJECT NUMBER: BA-02 FEDERAL PROJECT NUMBER: BA-02</p>	<p>VICINITY MAP DATE: OCTOBER 2007 NOV. 2007 SHEET 1 OF 17</p>



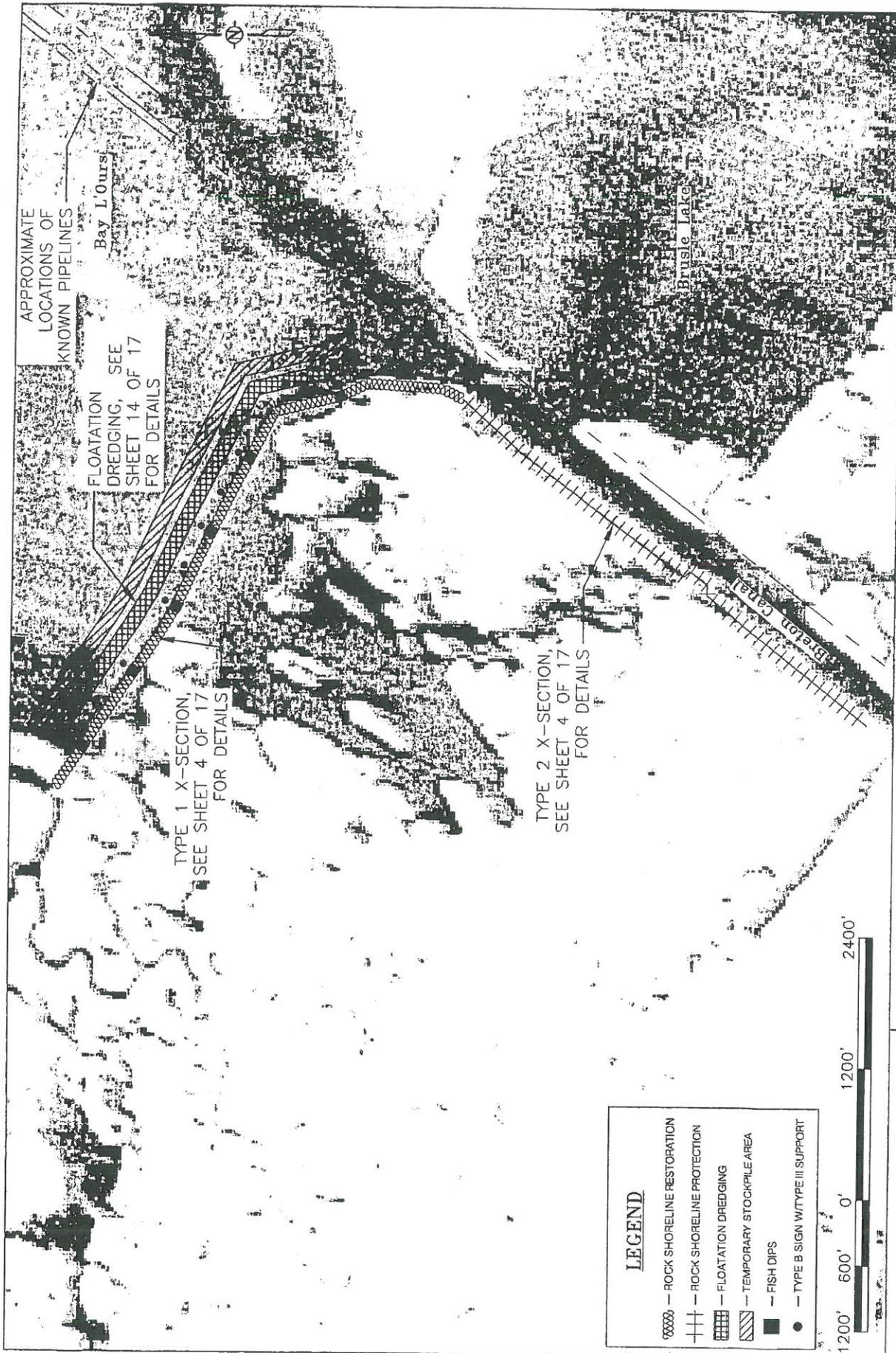
NOTES:

1. ACCESS DREDGING MAY BE REQUIRED TO REACH SITES 2, 4, 4A, 4B, 7, 8, AND 8A.
2. FLOATION DREDGING MAY BE REQUIRED AT SITES 14A, 4A, 4B, 4B, AND THE ROCK SHORELINE PROTECTION.

LEGEND

- ▲ — ROCK WEIR W/BARGE BAY
- — ROCK PLUG
- — ROCK WEIR W/BOAT BAY
- ▨ — VARIABLE CREST WEIR
- — CHANNEL PLUG W/CULVERT
- HHH — ROCK SHORELINE PROTECTION
- — EARTHEN BANK STABILIZATION
- - - ACCESS ROUTE
- - - PROJECT BOUNDARY

APPLICATION BY: LAFOURCHE PARISH COUNCIL 101 WEST 112TH STREET CUTOFF, LA 70345	DESIGNED BY: B. BABIN	APPROVED BY: D. BURKHOLDER	STATE PROJECT NUMBER: BA-02 FEDERAL PROJECT NUMBER: BA-02	GIWW to Clovelly Hydrologic Restoration Project (BA-02) MAINTENANCE PLAN	SECTION, TOWNSHIP AND RANGE MAP
DRAWN BY: S. TRICHE	DATE: 06/06/08 06/07 Nov. 2007	SHEET 2 OF 17			



LEGEND

- XXXXX — ROCK SHORELINE RESTORATION
- +++ — ROCK SHORELINE PROTECTION
- ==== — FLOATATION DREDGING
- ||||| — TEMPORARY STOCKPILE AREA
- — FISH DIPS
- — TYPE B SIGN W/TYPE III SUPPORT

APPLICATION BY:
 LAFOURCHE PARISH COUNCIL
 101 WEST 112TH STREET
 CUTOFF, LA 70345

LOUISIANA DEPARTMENT OF NATURAL RESOURCES
 COASTAL ENGINEERING DIVISION
 617 NORTH 3RD STREET
 BATON ROUGE, LOUISIANA 70802

GIWW to Clovelly Hydrologic
 Restoration Project (BA-02)
 MAINTENANCE PLAN

STATE PROJECT NUMBER: BA-02
 FEDERAL PROJECT NUMBER: BA-02

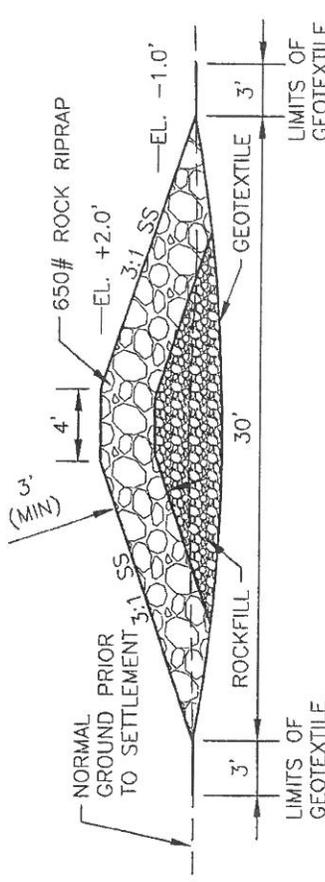
ROCK SHORELINE
 PLAN VIEW

DATE: OCTOBER-2007 Nov. 2007
 SHEET 3 OF 17

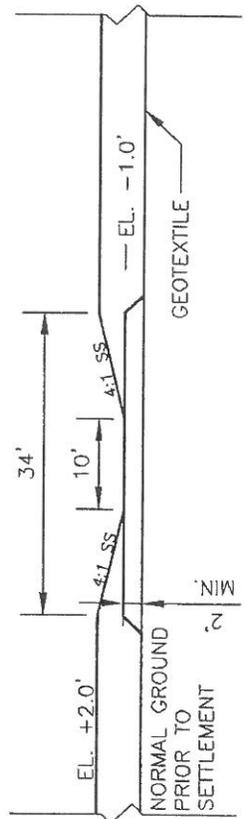
DRAWN BY: S. TRICHE

DESIGNED BY: B. BAGIN

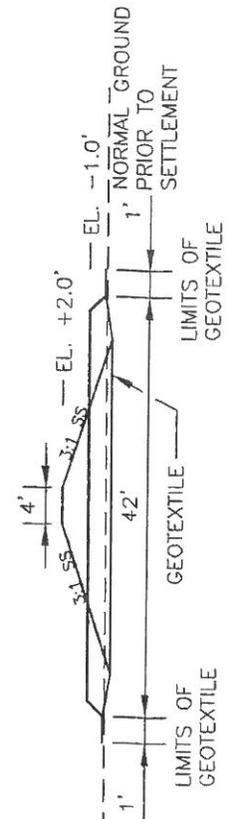
APPROVED BY: D. BURKHOLDER



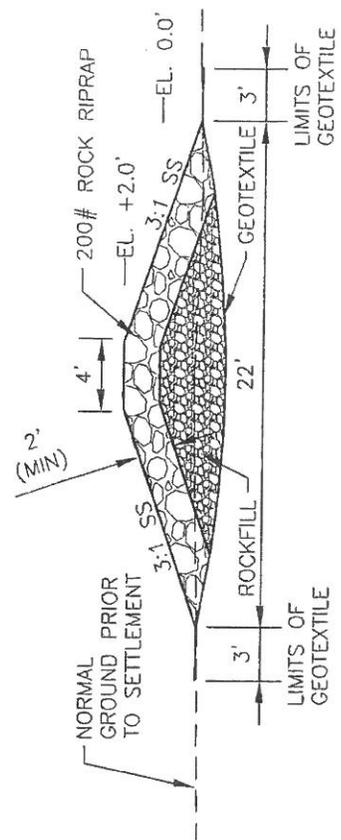
TYPE 1 X-SECTION
N.T.S.



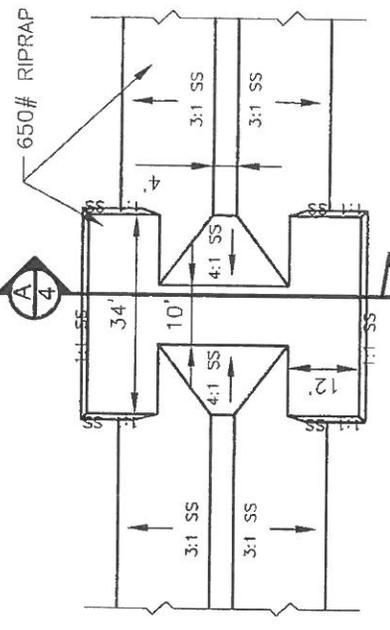
FISH DIP ELEVATION
N.T.S.



FISH DIP SECTION **A**/**4**
N.T.S.



TYPE 2 X-SECTION
N.T.S.



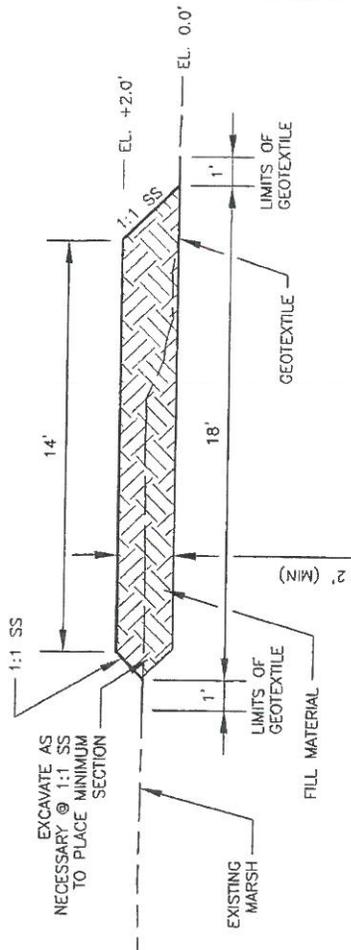
FISH DIP PLAN
N.T.S.

*NOTE
ALL ELEVATIONS ARE IN NAVD 88 FEET.

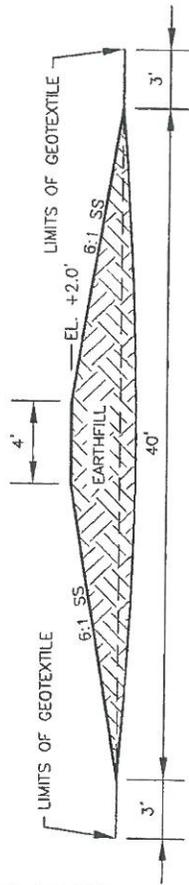
APPLICATION BY: LAFOURCHE PARISH COUNCIL 101 WEST 112TH STREET CUTOFF, LA 70345	LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION 617 NORTH 3RD STREET BATON ROUGE, LOUISIANA 70802	GIWW to Clovelly Hydrologic Restoration Project (BA-02) MAINTENANCE PLAN	ROCK SHORELINE TYPICAL SECTIONS
DRAWN BY: S. TRICHE	DESIGNED BY: B. BABIN	APPROVED BY: D. BURKHOLDER	DATE: 66988ER-2667 Nov. 2007
STATE PROJECT NUMBER: BA-02		FEDERAL PROJECT NUMBER: BA-02	
SHEET 4 OF 17			



APPLICATION BY: LAFOURCHE PARISH COUNCIL 101 WEST 112TH STREET CUTOFF, LA 70345	LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION 617 NORTH 3RD STREET BATON ROUGE, LOUISIANA 70802	GWW to Clavelly Hydrologic Restoration Project (BA-02) MAINTENANCE PLAN	BANK STABILIZATION PLAN VIEW
DRAWN BY: S. TRICHE	DESIGNED BY: B. BABIN	APPROVED BY: D. BURKHOLDER	DATE: October-2007 Nov. 2007 STATE PROJECT NUMBER: BA-02 FEDERAL PROJECT NUMBER: BA-02 SHEET 5 OF 17



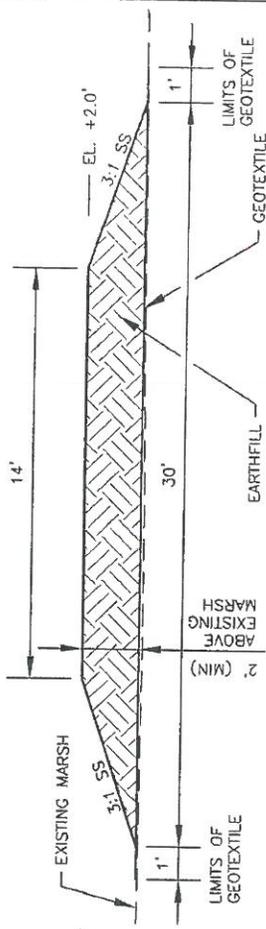
TYPE 3 X-SECTION
N.T.S.



TYPE 5 X-SECTION
N.T.S.

- NOTES:
1. TYPE 3 BANK STABILIZATION SHALL BE USED WHEN EXISTING BANK IS BELOW MARSH ELEVATION, LESS THAN 3' OF FILL IS NEEDED AND NO GEOTEXTILE IS REQUIRED.
 2. TYPE 4 BANK STABILIZATION SHALL BE USED WHEN EXISTING BANK IS AT MARSH ELEVATION OR HAS ERODED BACK FROM ORIGINAL BANK LINE.
 3. TYPE 5 BANK STABILIZATION SHALL BE USED WHEN EXISTING BANK IS BELOW MARSH ELEVATION AND MORE THAN 3' OF FILL IS REQUIRED.
 4. TYPE 6 BANK STABILIZATION SHALL BE USED WHEN EXISTING BANK IS BELOW MARSH ELEVATION, LESS THAN 3' OF FILL IS NEEDED AND GEOTEXTILE IS REQUIRED.
 5. ALL ELEVATIONS ARE IN NAVD 88 FEET.

TYPE 4 X-SECTION
N.T.S.



TYPE 6 X-SECTION
N.T.S.

APPLICATION BY:
LAFOURCHE PARISH COUNCIL
101 WEST 112TH STREET
CUTOFF, LA 70345

LOUISIANA DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION
617 NORTH 3RD STREET
BATON ROUGE, LOUISIANA 70802

GIWW to Clavelly Hydrologic
Restoration Project (BA-02)
MAINTENANCE PLAN

BANK STABILIZATION
SECTIONS

DRAWN BY: S. TRICHE

DESIGNED BY: B. BABIN

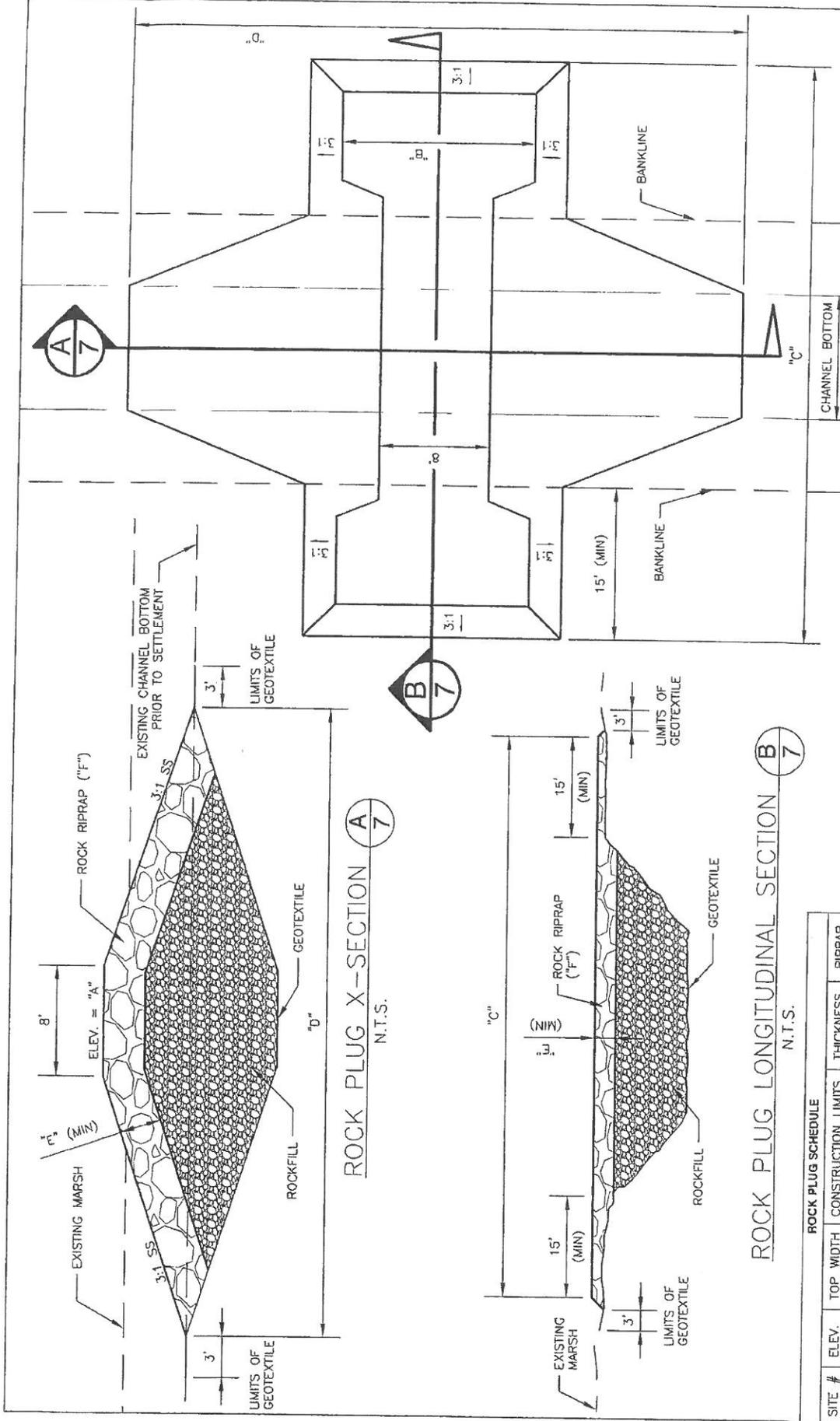
APPROVED BY: D. BURKHOLDER

STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02

DATE: 06/06/07 Nov. 2007

SHEET 6 OF 17



TYPICAL ROCK PLUG PLAN VIEW
N.T.S.

ROCK PLUG X-SECTION
N.T.S.

ROCK PLUG LONGITUDINAL SECTION
N.T.S.

SITE #	ELEV. "A"	TOP WIDTH "B"		CONSTRUCTION LIMITS "C"	THICKNESS "E"	RIPRAP "F"
		"B"	"D"			
4A	+2.5'	8'	30'	N/A	N/A	NONE
4B	+3.5'	14'	33'	511'	3'	650#
8A	+3.5'	8'	60'	84'	N/A	NONE
43	+2.5'	8'	80'	250'	N/A	NONE
90	+4.0'	14'	50'	290'	2'	200#

*NOTE
ALL ELEVATIONS ARE IN NAVD 88 FEET.

APPLICATION BY:
LAFOURCHE PARISH COUNCIL
101 WEST 112TH STREET
CUTOFF, LA 70345

LOUISIANA DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION
617 NORTH 3RD STREET
BATON ROUGE, LOUISIANA 70802

GIWW to Clovelly Hydrologic
Restoration Project (BA-02)
MAINTENANCE PLAN

STATE PROJECT NUMBER: BA-02
FEDERAL PROJECT NUMBER: BA-02
DATE: ~~October-2007~~ Nov. 2007
SHEET 7 OF 17

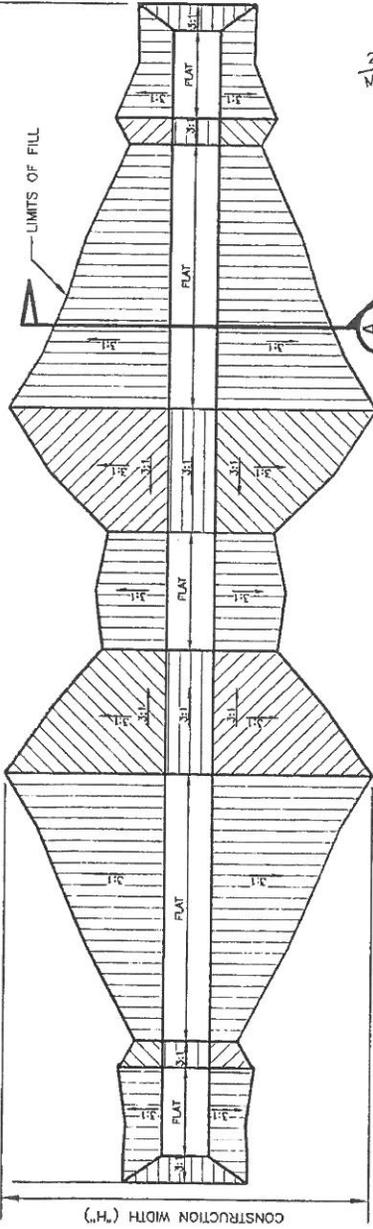
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DESIGNED BY: B. BABIN

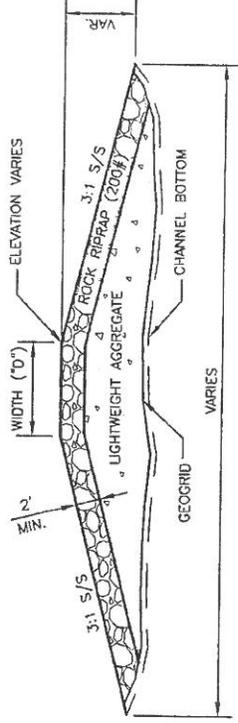
APPROVED BY: D. BURKHOLDER

ROCK PLUG
SITE #'s 4A, 4B, 8A, 43, 90

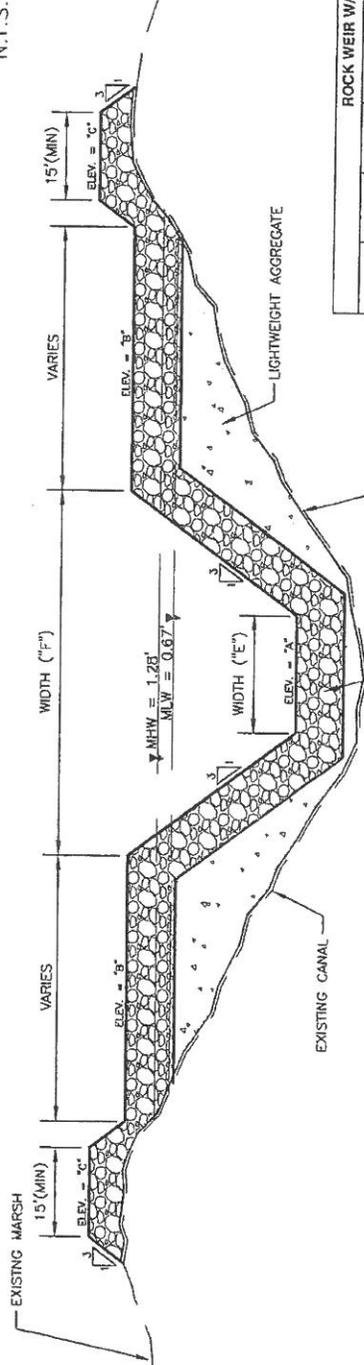
CONSTRUCTION LENGTH ("G")



PLAN VIEW
N.T.S.



X-SECTION A
N.T.S.



CENTERLINE PROFILE
N.T.S.

*NOTE
ALL ELEVATIONS ARE IN NAVD 88 FEET.

ROCK WEIR W/BOAT BAY SCHEDULE							
SITE #	ELEV. "A"	ELEV. "B"	ELEV. "C"	WIDTH "D"	WIDTH "E"	WIDTH "F"	CONSTRUCTION LIMITS "H"
1	-6.4'	+4.0'	+4.0'	14'	26.7'	65'	263'
2	-5.1'	+2.5'	+3.9'	8'	15'	53'	200'
4	-3.9'	+2.4'	+3.8'	9'	20'	52'	170'
7	-4.4'	+2.4'	+4.0'	8'	20'	48'	200'
8	-3.5'	+2.8'	+2.8'	8'	8'	30'	65'

GIWW to Clovelly Hydrologic Restoration Project (BA-02)
MAINTENANCE PLAN

STATE PROJECT NUMBER: BA-02
FEDERAL PROJECT NUMBER: BA-02

ROCK WEIR W/BOAT BAY
SITE #s 1, 2, 4, 7, 8

DATE: 06/05/2007
SHEET 8 OF 17

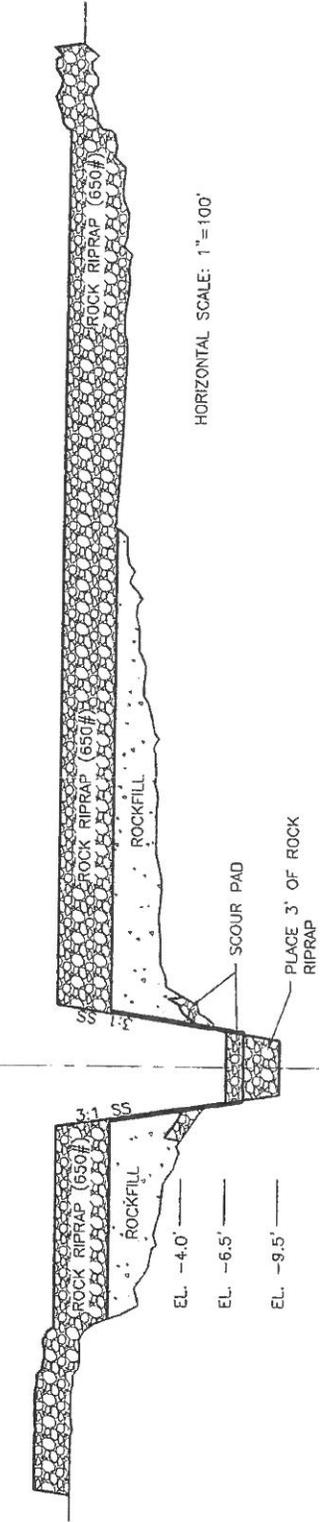
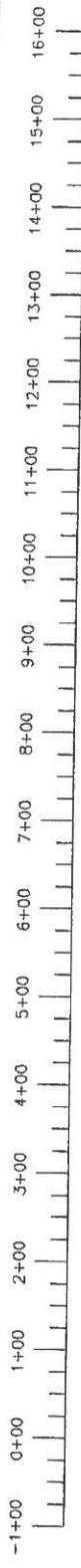
LOUISIANA DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION
617 NORTH 3RD STREET
BATON ROUGE, LOUISIANA 70802

DESIGNED BY: B. BABIN
APPROVED BY: D. BURKHOLDER

APPLICATION BY:
LAFOURCHE PARISH COUNCIL
101 WEST 112TH STREET
CUTOFF, LA 70345

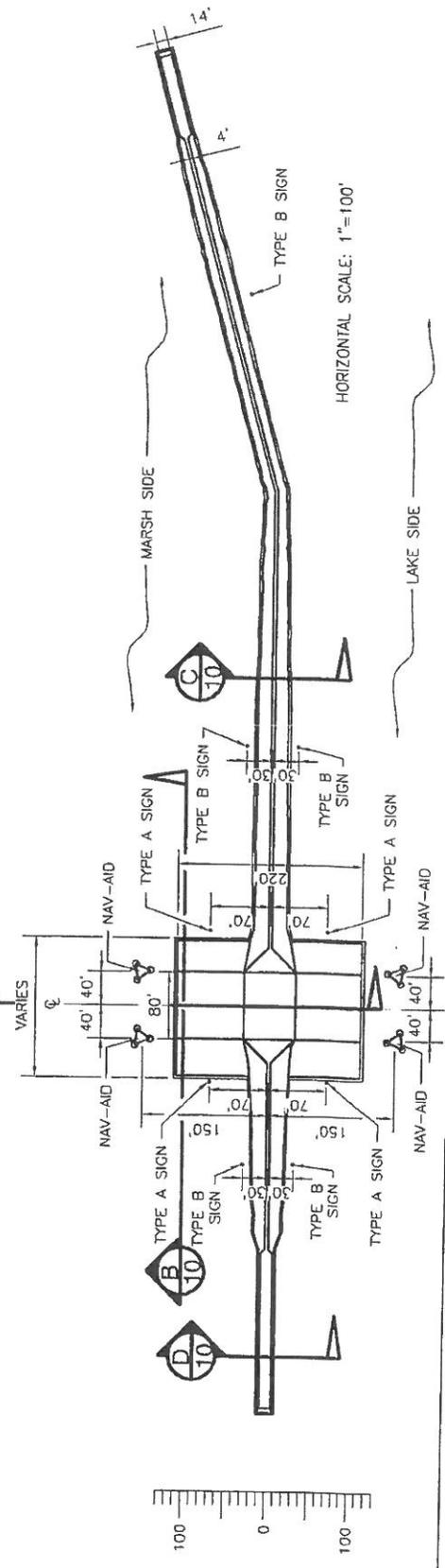
DRAWN BY: S. TRICHE

NOV. 2007



HORIZONTAL SCALE: 1"=100'

SITE 14A - LONGITUDINAL SECTION

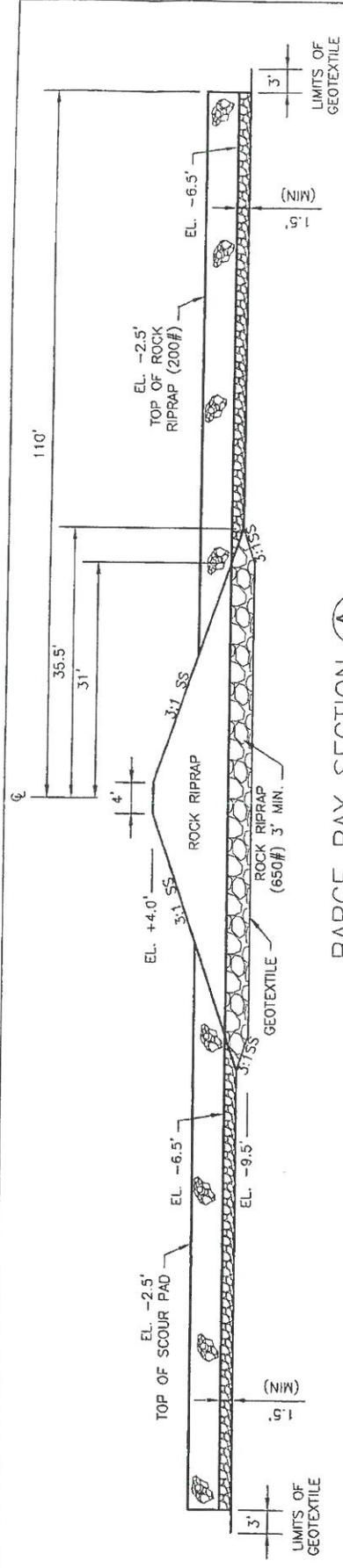


HORIZONTAL SCALE: 1"=100'

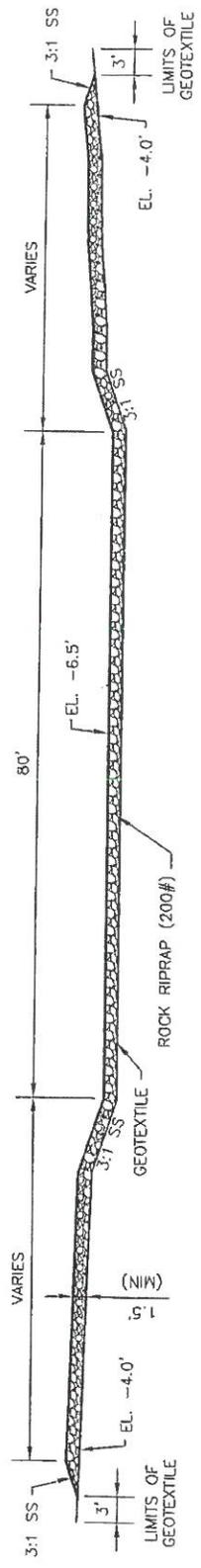
*NOTE
ALL ELEVATIONS ARE IN NAVD 88 FEET.

SITE 14A - PLAN

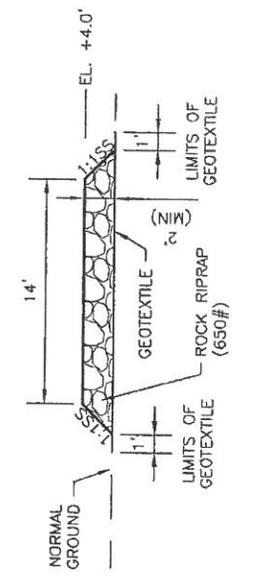
APPLICATION BY: LAFOURCHE PARISH COUNCIL 101 WEST 112TH STREET CUTOFF, LA 70345	LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION 617 NORTH 3RD STREET BATON ROUGE, LOUISIANA 70802	GIWW to Clovelly Hydrologic Restoration Project (BA-02) MAINTENANCE PLAN	ROCK WEIR W/BARGE BAY SITE # 14A - PLAN DATE: SEP 2007 - 2007 - Nov. 2007
DRAWN BY: S. TRICHE	DESIGNED BY: B. BABIN	STATE PROJECT NUMBER: BA-02 FEDERAL PROJECT NUMBER: BA-02	SHEET 9 OF 17



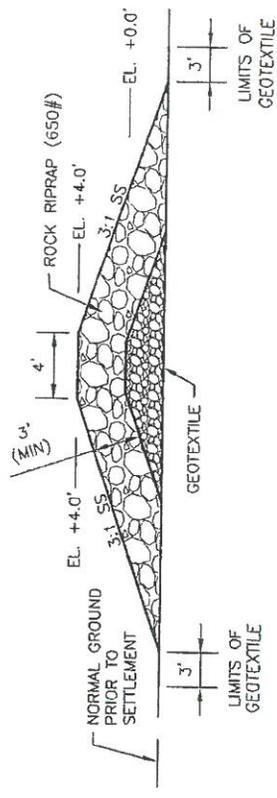
BARGE BAY SECTION **A**
N.T.S.



SCOUR PAD SECTION **B**
N.T.S.



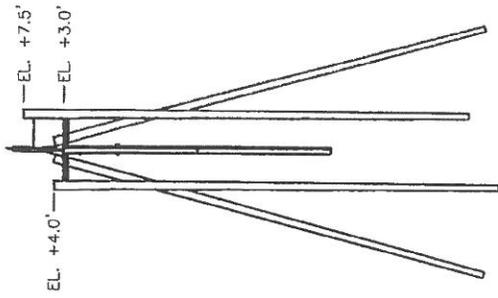
14' TOP X-SECTION **D**
N.T.S.



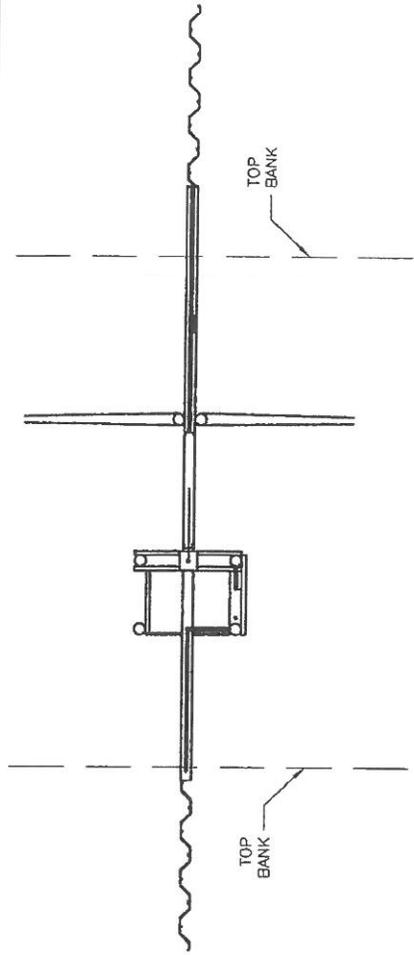
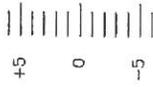
4' TOP X-SECTION **C**
N.T.S.

*NOTE
ALL ELEVATIONS ARE IN NAVD 88 FEET.

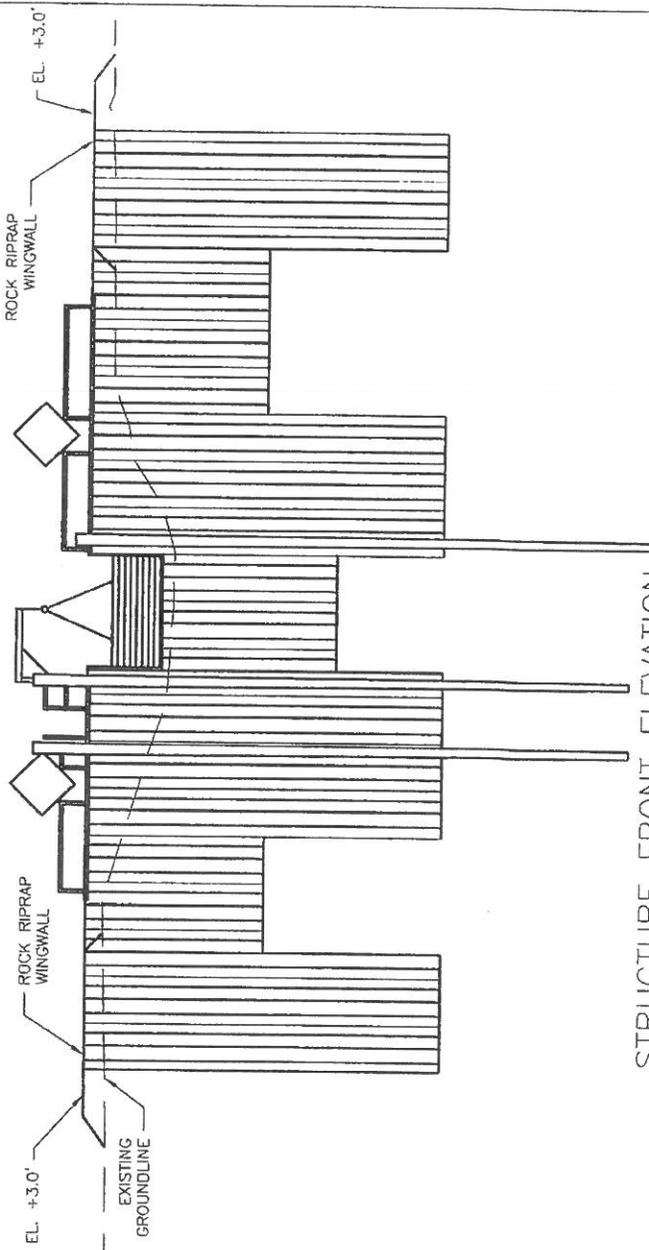
APPLICATION BY: LAFOURCHE PARISH COUNCIL 101 WEST 112TH STREET CUTOFF, LA 70345	LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION 617 NORTH 3RD STREET BATON ROUGE, LOUISIANA 70802	GJWW to Clovelly Hydrologic Restoration Project (BA-02) MAINTENANCE PLAN	ROCK WEIR W/BARGE BAY SITE # 14A - SECTIONS
DRAWN BY: S. TRICHE	DESIGNED BY: B. BASIN	APPROVED BY: D. BURKHOLDER	DATE: 08/06/07 Nov. 2007 SHEET 10 OF 17



STRUCTURE LEFT
ELEVATION
N.T.S.



STRUCTURE PLAN
N.T.S.



STRUCTURE FRONT ELEVATION
N.T.S.

APPLICATION BY:
LAFOURCHE PARISH COUNCIL
101 WEST 112TH STREET
CUTOFF, LA 70345

LOUISIANA DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION
617 NORTH 3RD STREET
BATON ROUGE, LOUISIANA 70802

GIWW to Clevelly Hydrologic
Restoration Project (BA-02)
MAINTENANCE PLAN

VARIABLE CREST WEIR
SITE # 35 - PLAN

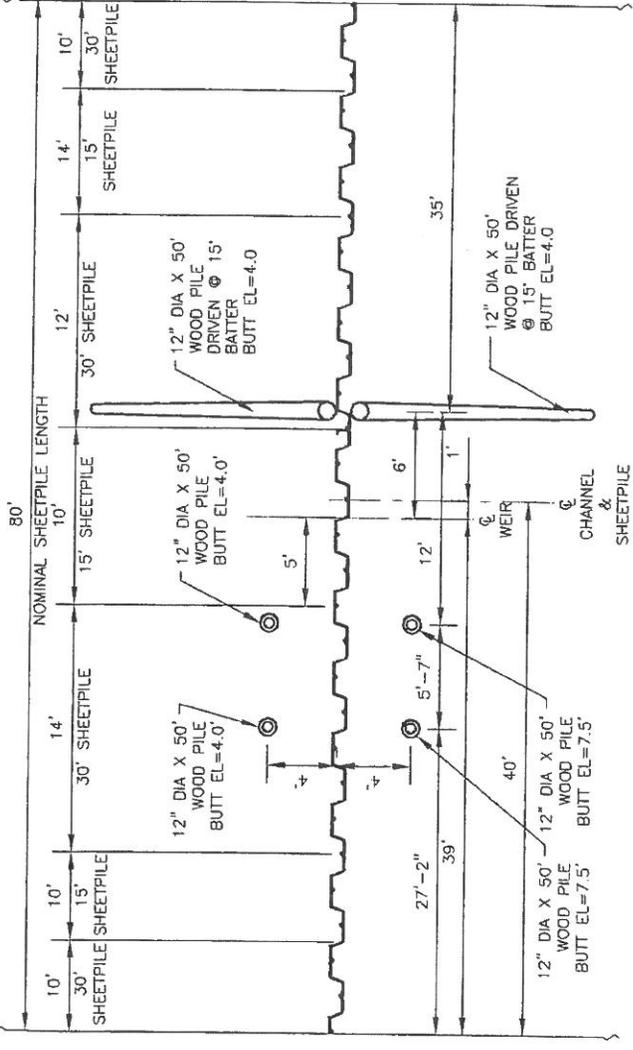
DRAWN BY: S. TRICHE

DESIGNED BY: B. BABIN

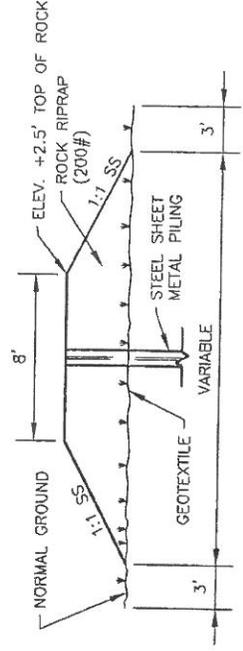
APPROVED BY: D. BURKHOLDER

STATE PROJECT NUMBER: BA-02
FEDERAL PROJECT NUMBER: BA-02

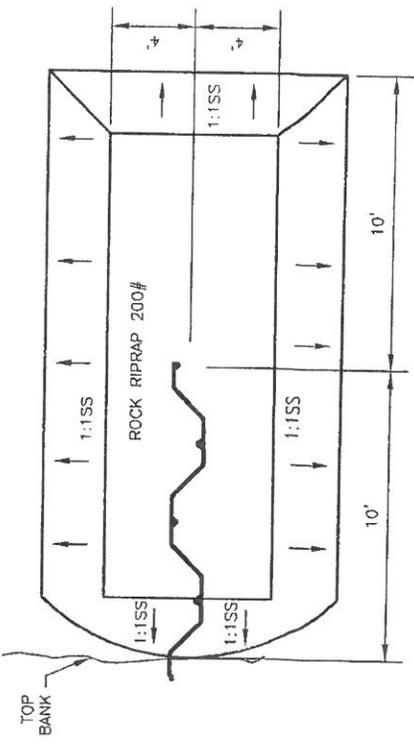
DATE: OCTOBER 2007
NOV. 2007
SHEET 11 OF 17



STRUCTURE LAYOUT
N.T.S.

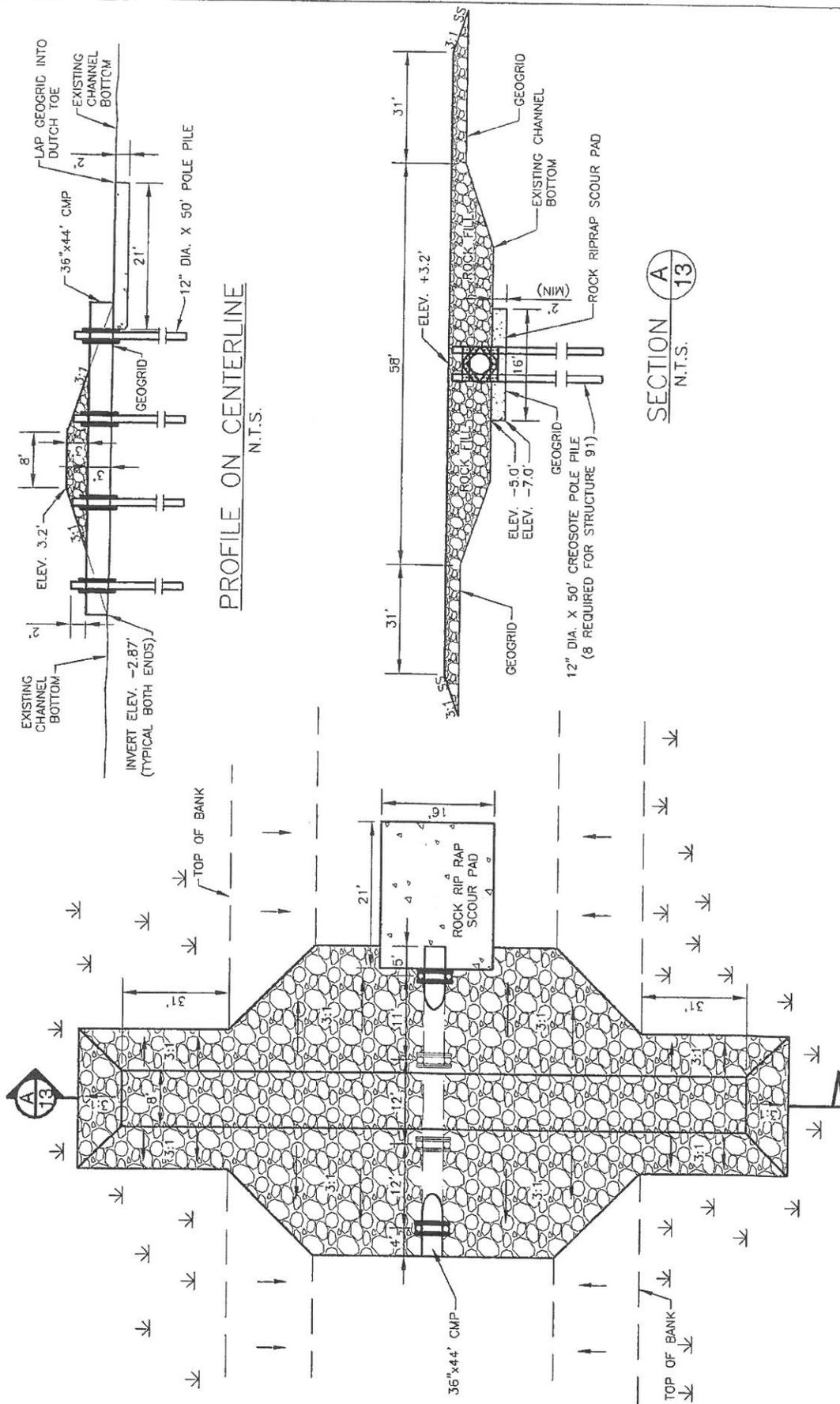


WING WALL ROCKFILL SECTION
N.T.S.



WING WALL ROCKFILL PLAN VIEW
N.T.S.

APPLICATION BY: LAFOURCHE PARISH COUNCIL 101 WEST 112TH STREET CUTOFF, LA 70345	LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION 617 NORTH 3RD STREET BATON ROUGE, LOUISIANA 70802	GWW to Clavelly Hydrologic Restoration Project (BA-02) MAINTENANCE PLAN	VARIABLE CREST WEIR SITE # 35 - DETAILS
DRAWN BY: S. TRICHE	DESIGNED BY: B. BABIN	APPROVED BY: D. BURKHOLDER	DATE: 06/16/88-0007 Nov. 2007 SHEET 12 OF 17

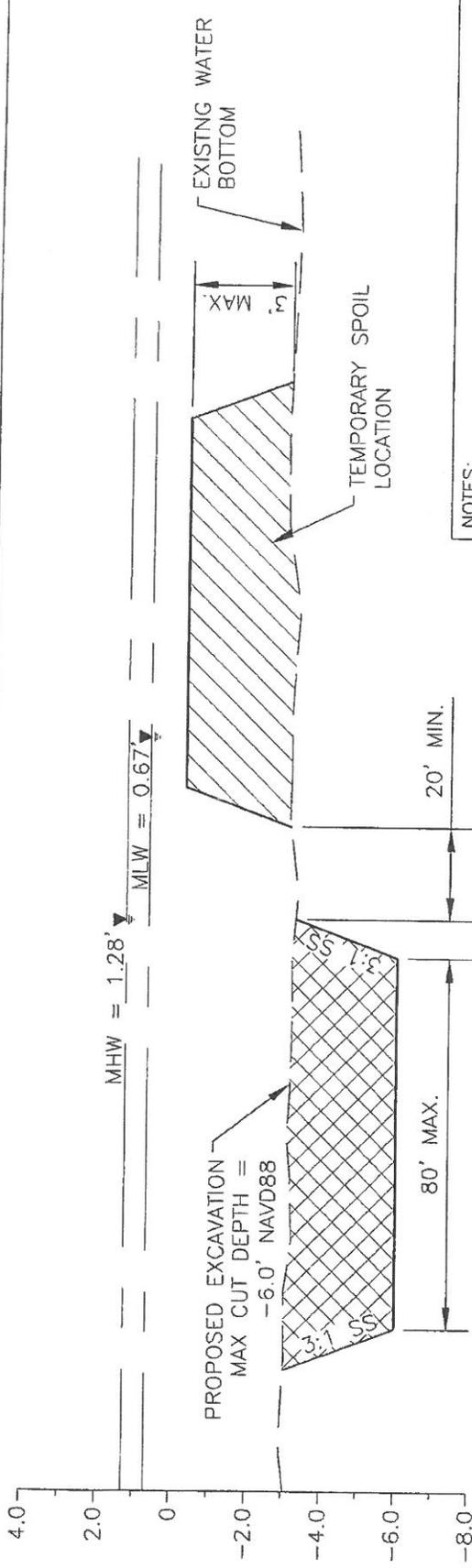


PLAN VIEW
N.T.S.

SECTION A
N.T.S. 13

*NOTE
ALL ELEVATIONS ARE IN NAVD 88 FEET.

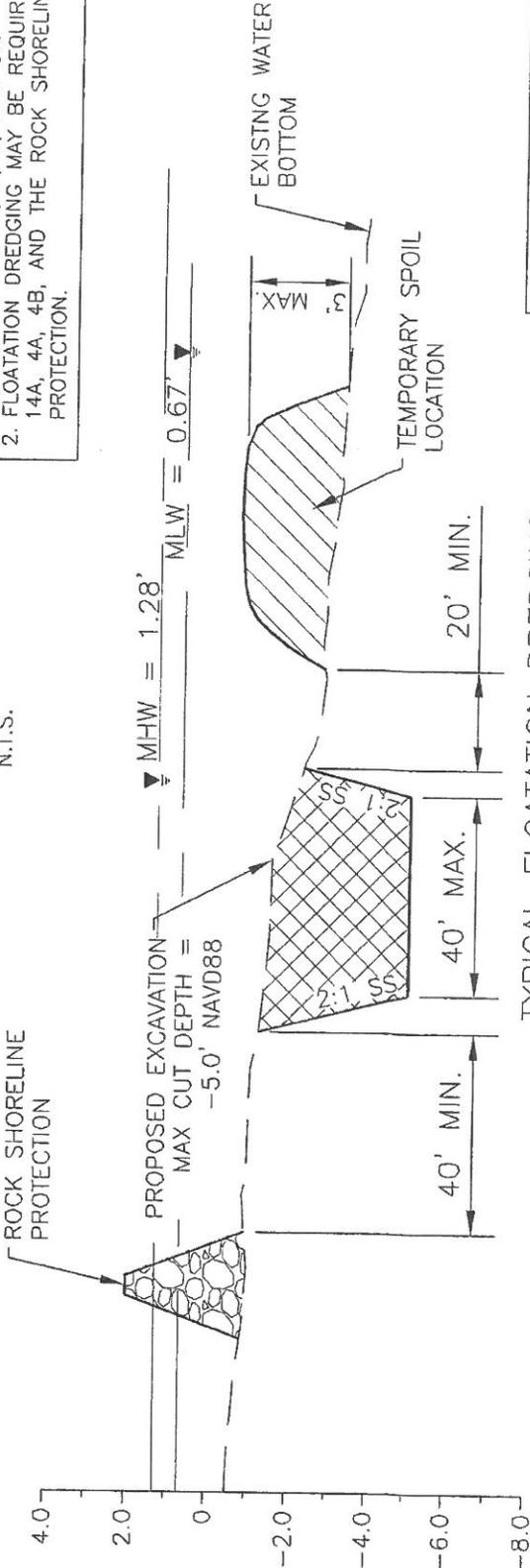
APPLICATION BY: LAFORCHE PARISH COUNCIL 101 WEST 112TH STREET CUTOFF, LA 70345	LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION 517 NORTH 3RD STREET BATON ROUGE, LOUISIANA 70802	GIWW to Clovelly Hydrologic Restoration Project (BA-02) MAINTENANCE PLAN	CHANNEL PLUG W/CULVERT SITE # 90
DRAWN BY: S. TRICHE	DESIGNED BY: B. BAGIN	STATE PROJECT NUMBER: BA-02 FEDERAL PROJECT NUMBER: BA-02	DATE: October 2002 Nov. 2007 SHEET 13 OF 17



NOTES:

1. ACCESS DREDGING MAY BE REQUIRED TO REACH SITES 2, 4, 4A, 4B, 7, 8, AND 8A.
2. FLOATATION DREDGING MAY BE REQUIRED AT SITES 14A, 4A, 4B, AND THE ROCK SHORELINE PROTECTION.

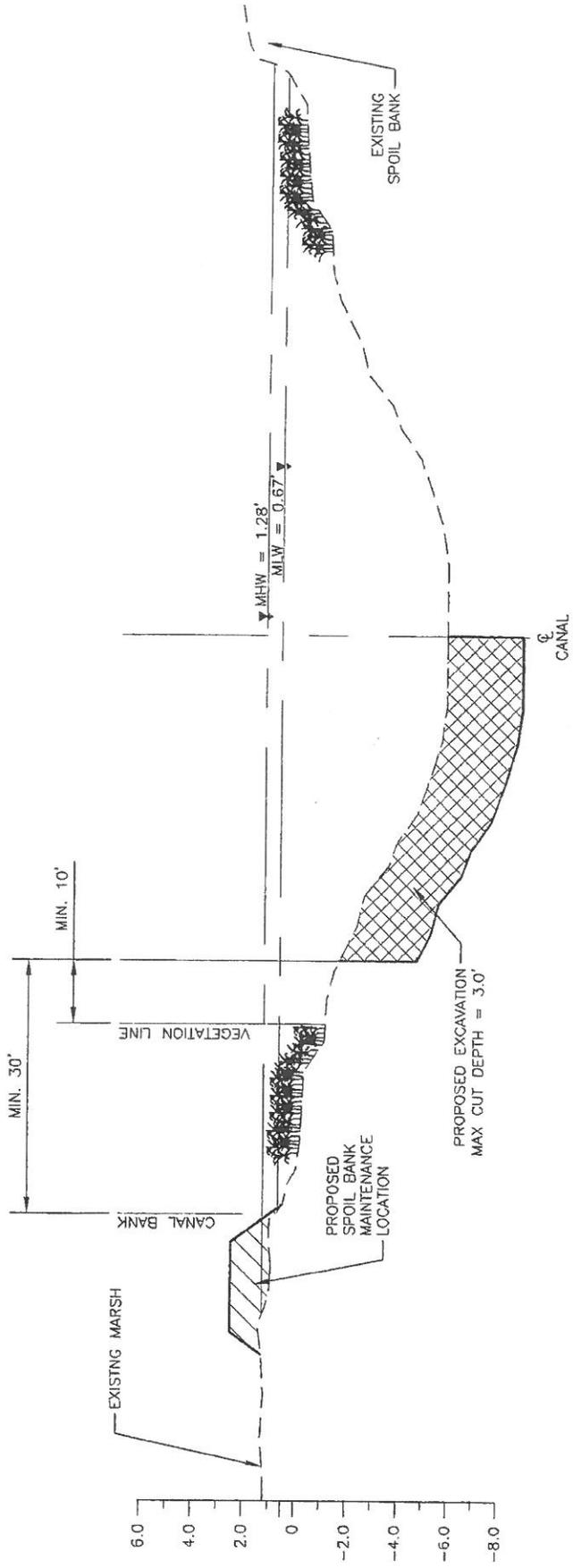
TYPICAL ACCESS DREDGING
N.T.S.



TYPICAL FLOATATION DREDGING
N.T.S.

*NOTE
ALL ELEVATIONS ARE IN NAVD 88 FEET.

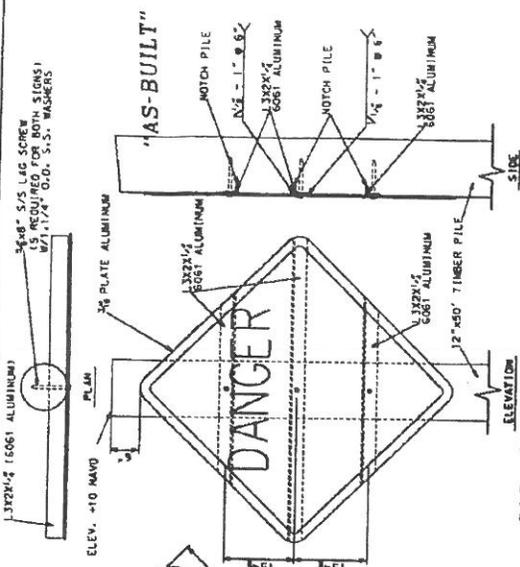
APPLICATION BY: LAFOURCHE PARISH COUNCIL 101 WEST 112TH STREET CUTOFF, LA 70345	LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION 617 NORTH 3RD STREET BATON ROUGE, LOUISIANA 70802	GIMM to Clovelly Hydrologic Restoration Project (BA-02) MAINTENANCE PLAN	ACCESS DREDGING TYPICAL SECTIONS
DRAWN BY: S. TRICHE	DESIGNED BY: B. BABIN	STATE PROJECT NUMBER: BA-02 FEDERAL PROJECT NUMBER: BA-02	DATE: OCTOBER-2007 Nov. 2007 SHEET 14 OF 17



TYPICAL MAINTENANCE DREDGING
N.T.S.

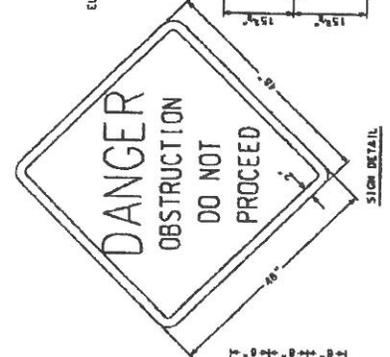
*NOTE
ALL ELEVATIONS ARE IN NAVD 88 FEET.

APPLICATION BY: LAFOURCHE PARISH COUNCIL 101 WEST 112TH STREET CUTOFF, LA 70345	LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION <small>617 NORTH 3RD STREET BATON ROUGE, LOUISIANA 70802</small>	GIWW to Clovelly Hydrologic Restoration Project (BA-02) MAINTENANCE PLAN	BANK STABILIZATION TYPICAL MAINTENANCE DREDGING
DRAWN BY: S. TRICHE	DESIGNED BY: B. BASIN APPROVED BY: D. BURKHOLDER	STATE PROJECT NUMBER: BA-02 FEDERAL PROJECT NUMBER: BA-02	DATE: 9 OCTOBER 2007 Nov. 2007 SHEET 15 OF 17



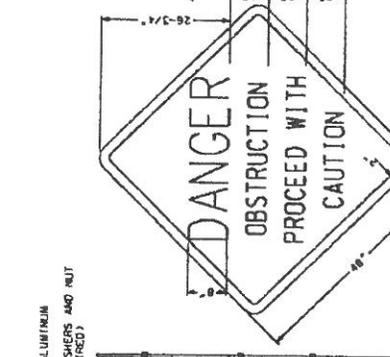
SIGN DETAIL - TYPE "A"
SIGN SUPPORT - TYPE "I"

- NOTES:
1. THE 2" BORDER ON THE TYPE "A" WARNING SIGN SHALL BE A RETRO-REFLECTIVE MATERIAL OF ORANGE COLOR. THE LETTERING FIELD SHALL BE A RETRO-REFLECTIVE MATERIAL OF WHITE COLOR. THE LETTERING FOR THE BORDERS SHALL BE BLACK. WARNINGS SIGNS SHALL BE PLACED ON THE UPSTREAM AND DOWNSTREAM FACE OF THE STRONGS.
 2. NEOPRENE WASHERS SHALL BE PLACED BETWEEN THE SIGN AND STEEL PIPE AT ALL POINTS OF CONTACT.
 3. SECURE NUTS BY TACK WELDING.



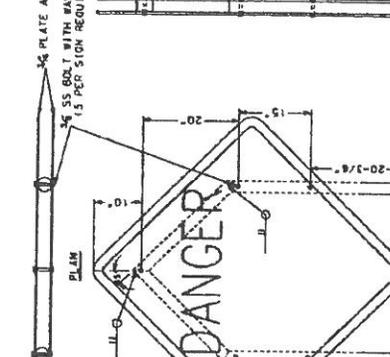
SIGN DETAIL - TYPE "B"
SIGN SUPPORT - TYPE "III"

- NOTES:
1. THE 2" BORDER ON THE TYPE "B" WARNING SIGN SHALL BE A RETRO-REFLECTIVE MATERIAL OF ORANGE COLOR. THE LETTERING FIELD SHALL BE A RETRO-REFLECTIVE MATERIAL OF WHITE COLOR. THE LETTERING FOR THE BORDERS SHALL BE BLACK. WARNINGS SIGNS SHALL BE PLACED ON THE SIDE FACING THE BAY.
 2. NEOPRENE OR TEFLOM WASHERS SHALL BE PLACED BETWEEN STEEL ANGLE AND ALUMINUM SIGNS.



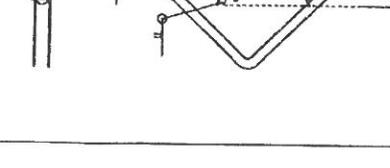
SIGN DETAIL - TYPE "C"

- NOTES:
1. SIGNS SHALL BE CONSTRUCTED USING 3/8" PLATE ALUMINUM.
 2. NEOPRENE WASHERS SHALL BE PLACED BETWEEN STEEL PIPE AND ALUMINUM SIGNS.
 3. THE BORDERS SHALL BE A RETRO-REFLECTIVE MATERIAL OF ORANGE COLOR.
 4. THE ARROW FIELD SHALL BE A RETRO-REFLECTIVE MATERIAL OF WHITE COLOR.
 5. THE ARROW WILL BE BLACK.
 6. SIGNS WILL BE SECURED TO PIPE USING 2-5/8" S.S. BOLTS, WASHERS AND NUTS.
 7. SIGNS TO BE PLACED ON THE LONGITUDINAL CENTERLINE OF THE STRUCTURE.
 8. SECURE NUTS BY TACK WELDING.



SIGN DETAIL - TYPE "D"
SIGN SUPPORT - TYPE "IV"

- NOTES:
1. SIGNS SHALL BE CONSTRUCTED USING 3/8" PLATE ALUMINUM.
 2. NEOPRENE WASHERS SHALL BE PLACED BETWEEN STEEL PIPE AND ALUMINUM SIGNS.
 3. THE BORDERS SHALL BE A RETRO-REFLECTIVE MATERIAL OF ORANGE COLOR.
 4. THE ARROW FIELD SHALL BE A RETRO-REFLECTIVE MATERIAL OF WHITE COLOR.
 5. THE ARROW WILL BE BLACK.
 6. SIGNS WILL BE SECURED TO PIPE USING 2-5/8" S.S. BOLTS, WASHERS AND NUTS.
 7. SIGNS TO BE PLACED ON THE LONGITUDINAL CENTERLINE OF THE STRUCTURE.
 8. SECURE NUTS BY TACK WELDING.



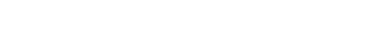
SIGN DETAIL - TYPE "E"

- NOTES:
1. THE BORDER ON THE STARBOARD DATUMARK WILL BE A RETRO-REFLECTIVE MATERIAL OF RED COLOR. THE INSIDE THE BORDERS WILL BE A RETRO-REFLECTIVE MATERIAL OF WHITE COLOR. THE NUMBERS WILL BE BLACK.
 2. THE BORDERS PORT SIDE DATUMARK WILL BE A RETRO-REFLECTIVE MATERIAL OF GREEN COLOR. THE AREA INSIDE THE BORDERS PORT SIDE DATUMARK WILL BE A RETRO-REFLECTIVE MATERIAL OF WHITE COLOR. THE AREA INSIDE THE BORDERS STARBOARD DATUMARK WILL BE A RETRO-REFLECTIVE MATERIAL OF WHITE COLOR. THE NUMBERS WILL BE BLACK.
 3. ALL DATUMARK NAVIGATION AIDS SHALL BE REGULATIONS BY U.S.C.G. REGULATIONS.
 4. SIGNS SHALL BE SECURED TO TIMBER PILE WITH 3-5/8" S.S. STAINLESS STEEL LAG SCREWS WITH 1-1/4" O.D. S.S. WASHER.



SIGN DETAIL - TYPE "F"

- NOTES:
1. THE BORDER ON THE STARBOARD DATUMARK WILL BE A RETRO-REFLECTIVE MATERIAL OF RED COLOR. THE INSIDE THE BORDERS WILL BE A RETRO-REFLECTIVE MATERIAL OF WHITE COLOR. THE NUMBERS WILL BE BLACK.
 2. THE BORDERS PORT SIDE DATUMARK WILL BE A RETRO-REFLECTIVE MATERIAL OF GREEN COLOR. THE AREA INSIDE THE BORDERS PORT SIDE DATUMARK WILL BE A RETRO-REFLECTIVE MATERIAL OF WHITE COLOR. THE AREA INSIDE THE BORDERS STARBOARD DATUMARK WILL BE A RETRO-REFLECTIVE MATERIAL OF WHITE COLOR. THE NUMBERS WILL BE BLACK.
 3. ALL DATUMARK NAVIGATION AIDS SHALL BE REGULATIONS BY U.S.C.G. REGULATIONS.
 4. SIGNS SHALL BE SECURED TO TIMBER PILE WITH 3-5/8" S.S. STAINLESS STEEL LAG SCREWS WITH 1-1/4" O.D. S.S. WASHER.



SIGN DETAIL - TYPE "G"

- NOTES:
1. THE BORDER ON THE STARBOARD DATUMARK WILL BE A RETRO-REFLECTIVE MATERIAL OF RED COLOR. THE INSIDE THE BORDERS WILL BE A RETRO-REFLECTIVE MATERIAL OF WHITE COLOR. THE NUMBERS WILL BE BLACK.
 2. THE BORDERS PORT SIDE DATUMARK WILL BE A RETRO-REFLECTIVE MATERIAL OF GREEN COLOR. THE AREA INSIDE THE BORDERS PORT SIDE DATUMARK WILL BE A RETRO-REFLECTIVE MATERIAL OF WHITE COLOR. THE AREA INSIDE THE BORDERS STARBOARD DATUMARK WILL BE A RETRO-REFLECTIVE MATERIAL OF WHITE COLOR. THE NUMBERS WILL BE BLACK.
 3. ALL DATUMARK NAVIGATION AIDS SHALL BE REGULATIONS BY U.S.C.G. REGULATIONS.
 4. SIGNS SHALL BE SECURED TO TIMBER PILE WITH 3-5/8" S.S. STAINLESS STEEL LAG SCREWS WITH 1-1/4" O.D. S.S. WASHER.

APPLICATION BY:
LAFOURCHE PARISH COUNCIL
101 WEST 112TH STREET
COTRUFF, LA 70345

LOUISIANA DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION
617 NORTH 3RD STREET
BATON ROUGE, LOUISIANA 70802

GIWW to Clovelly Hydrologic
Restoration Project (BA-02)
MAINTENANCE PLAN

STATE PROJECT NUMBER: BA-02
FEDERAL PROJECT NUMBER: BA-02

DESIGNED BY: B. BABIN
APPROVED BY: D. BURKHOLDER

DATE: OCTOBER-2002
SHEET 16 OF 17

NOT TO SCALE



REPLY TO
ATTENTION OF:

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

JUN 02 2011

Operations Division
Central Evaluation Section

SUBJECT: MVN 2007-4248-CY

Lafourche Parish Council
101 West 112th Street
Cut Off, Louisiana 70345

Gentlemen:

Additional drawings enclosed in 24 sheets, furnished with your application dated March 9, 2011, requesting Department of the Army authorization to modify the previously permitted GIWW to Clovelly Hydrologic Restoration Project (CWPPRA Project BA-02) to install and maintain an approximately 1,080 linear foot rock dike to close an opening along the shoreline of Bay L 'Ours between structures 4 and 4A, located on the western shoreline of Little Lake, in Lafourche Parish, Louisiana, are approved and will be included in your plans for the work authorized by the Secretary of the Army in permit dated December 4, 1991, time extension dated October 10, 1996, and additional drawings issued March 10, 2008, from the District Engineer at New Orleans, Louisiana.

The conditions to which the work is made subject, remain in full force and effect.

A copy of the first page of this permit approval letter must be conspicuously displayed at the project site. Also, you must keep a copy of this signed letter, with attached drawings, at the project site until the work is completed.

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

BY AUTHORITY OF THE SECRETARY OF THE ARMY:

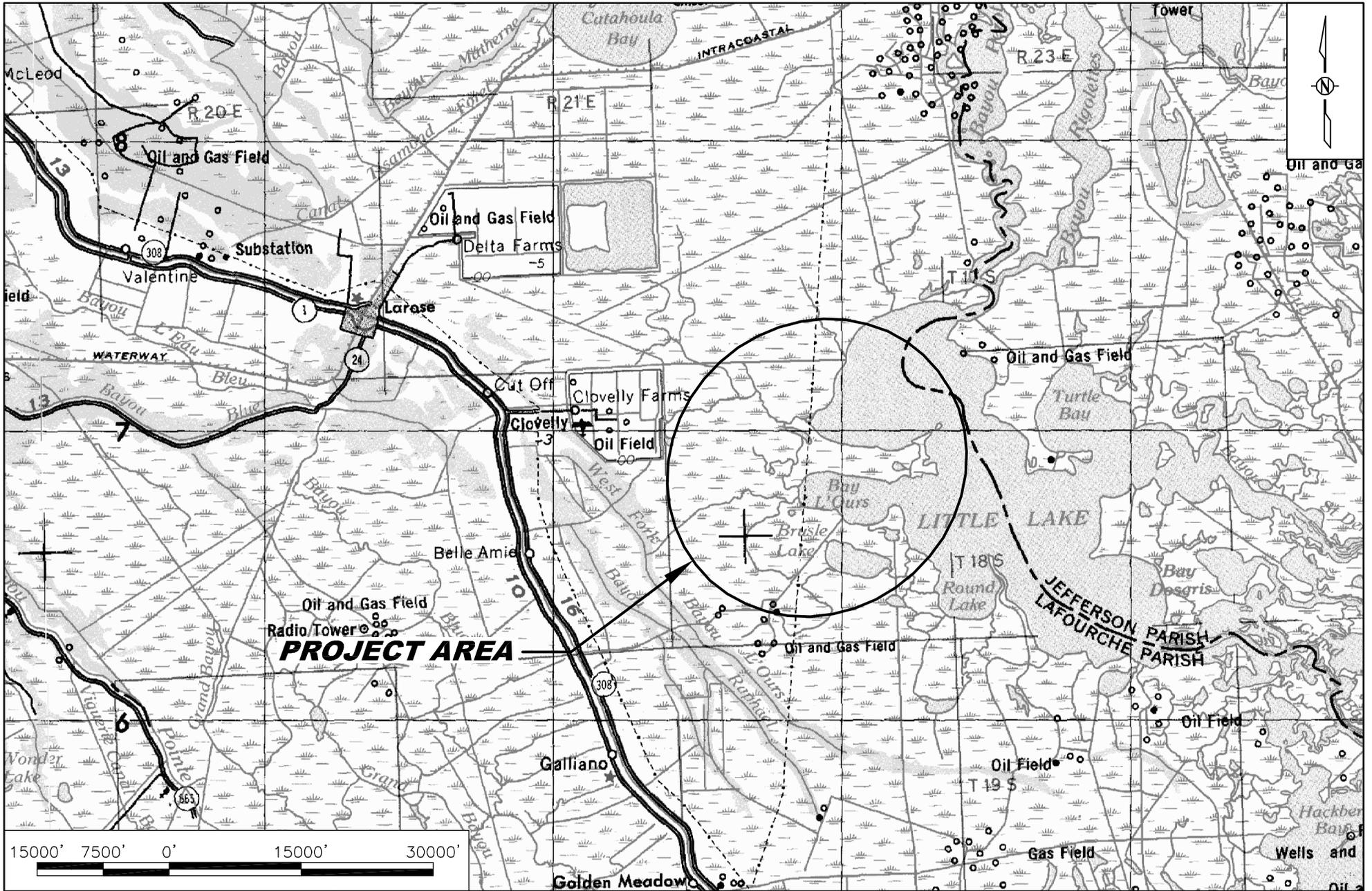
RECEIVED

JUN 06 2011

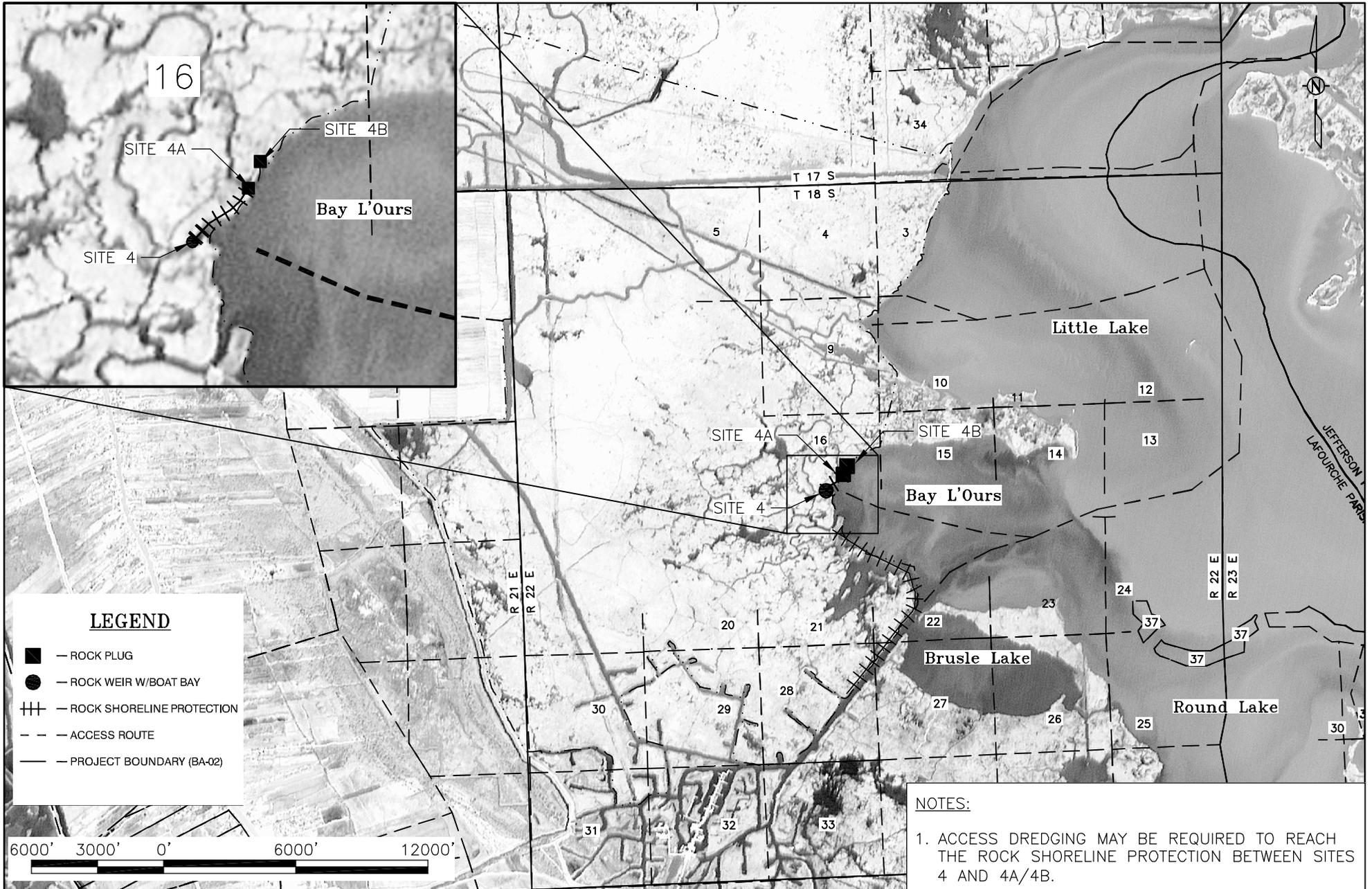
BY: CEW

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

Enclosures



<p>APPLICATION BY: LAFORCHE PARISH COUNCIL 101 WEST 112TH STREET CUTOFF, LA 70345</p>	<p>OFFICE OF COASTAL PROTECTION & RESTORATION ENGINEERING BRANCH 450 LAUREL STREET, SUITE 1200 BATON ROUGE, LOUISIANA 70804</p>	<p>GIWW to Clovelly Hydrologic Restoration Project (BA-02) 2010 MAINTENANCE PLAN</p>	<p>VICINITY MAP</p>	
<p>DRAWN BY: L. LIENHOP</p>	<p>DESIGNED BY: B. BABIN</p>	<p>APPROVED BY: D. BURKHOLDER</p>	<p>STATE PROJECT NUMBER: BA-02 FEDERAL PROJECT NUMBER: BA-02</p>	<p>DATE: MARCH 2011 SHEET 1 OF 9</p>



APPLICATION BY:
LAFOURCHE PARISH COUNCIL
 101 WEST 112TH STREET
 CUTOFF, LA 70345

DRAWN BY: L. LIENHOP

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET, SUITE 1200
 BATON ROUGE, LOUISIANA 70804

DESIGNED BY: B. BABIN

APPROVED BY: D. BURKHOLDER

GIWW to Clovelly Hydrologic
 Restoration Project (BA-02)
2010 MAINTENANCE PLAN

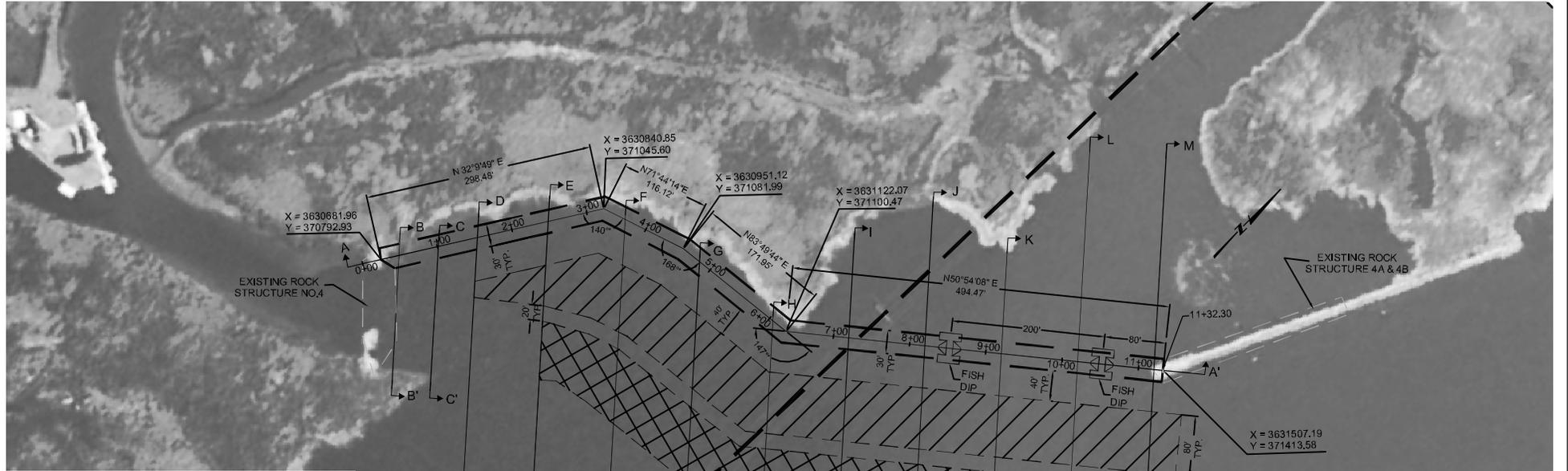
STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02

SECTION, TOWNSHIP
 AND RANGE MAP

DATE: MARCH 2011

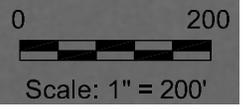
SHEET 2 OF 9



LEGEND

- ROCK SHORELINE PROTECTION
- PROPOSED EXCAVATION
- TEMPORARY SPOIL LOCATION
- FISH DIP LOCATION
- INDICATES ELEVATION IN FEET REFERENCED TO NAVD 88
- COORDINATES AT CENTERLINE OF ROCK SHORELINE PROTECTION STRUCTURE
- OVERHEAD POWERLINES

- GENERAL NOTES**
- AERIAL PHOTO FROM GOOGLE EARTH DATED MAY 08, 2010 AND IS SCALED APPROXIMATELY TO THE SURVEYED EXISTING CONDITIONS.
 - TYPICAL DETAILS FOR THE FISH DIP AND ACCESS CHANNEL DREDGING ARE ON SHEET 9.
 - DETAILS FOR THE PROPOSED ROCK SHORELINE PROTECTION ARE ON SHEET 8.
 - DISTURBANCE TO MARINE TRAFFIC SHALL BE AVOIDED BY THE CONTRACTOR. NECESSARY TEMPORARY WARNING SIGNS SHALL BE PROPOSED TO THE OCPR PROJECT ENGINEER OR ASSIGNED PROJECT REPRESENTATIVE BY THE CONTRACTOR AND APPROVED PRIOR TO INSTALLATION.



APPLICATION BY:
 LAFOURCHE PARISH COUNCIL
 101 WEST 112TH STREET
 CUTOFF, LA 70345

**OFFICE OF COASTAL PROTECTION & RESTORATION
 ENGINEERING BRANCH**
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70801

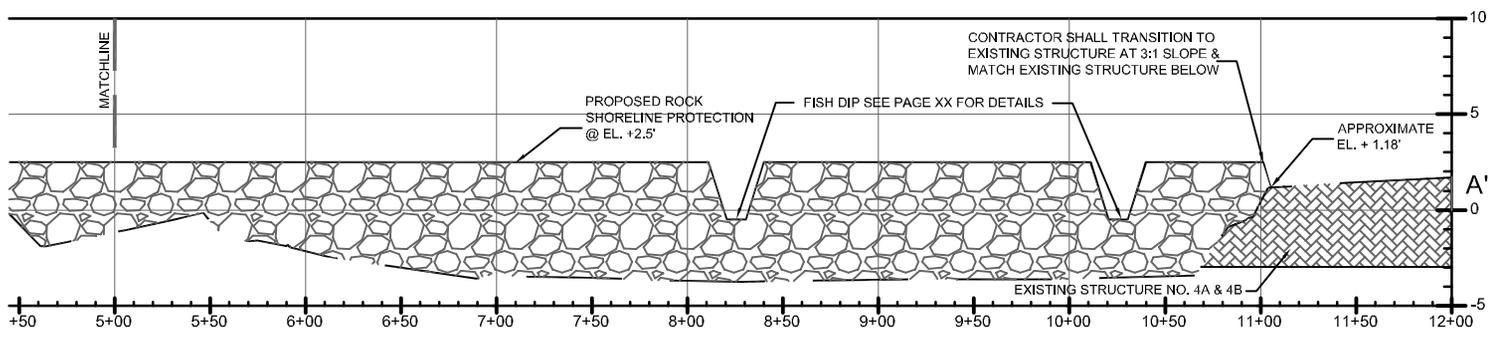
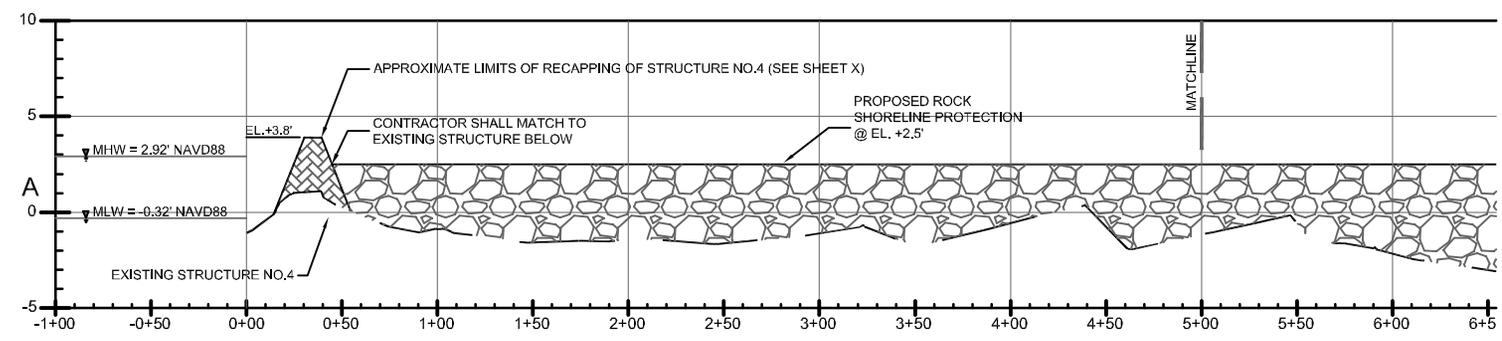
GIWW to Clovelly Hydrologic
 Restoration Project (BA-02)
2010 MAINTENANCE PLAN

STATE PROJECT NUMBER: BA-02
 FEDERAL PROJECT NUMBER: BA-02

**SITE 4 TO 4A/4B
 PLAN**

DATE: MARCH 2011
 SHEET 3 OF 9

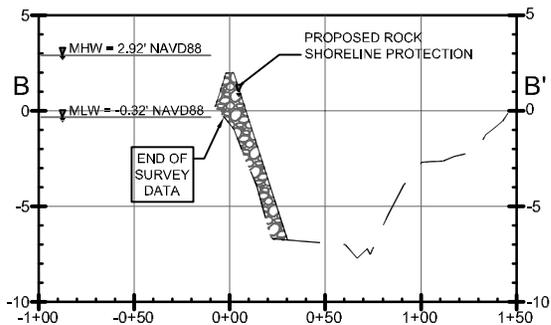
- GENERAL NOTES**
1. TYPICAL DETAILS FOR THE FISH DIP AND ACCESS CHANNEL DREDGING ARE ON SHEET 9.
 2. DETAILS FOR THE NEW ROCK SHORELINE PROTECTION ARE ON SHEET 8.
 3. EXISTING GRADE ELEVATIONS ARE BASED ON 2008 SURVEY DATA UNLESS SHOWN OTHERWISE.
 4. CONTRACTOR SHALL INSTALL TEMPORARY BENCH MARK AT SITE 4 AND 4A/4B UTILIZING SAME DATUM AS THE CONTROL MONUMENTS. SEE SPECIFICATIONS.
 5. VERTICAL DATUM: NAVD 88 (2004.65) GEOID03 (2004.65) COORDINATE UNITS: US SURVEY FEET.



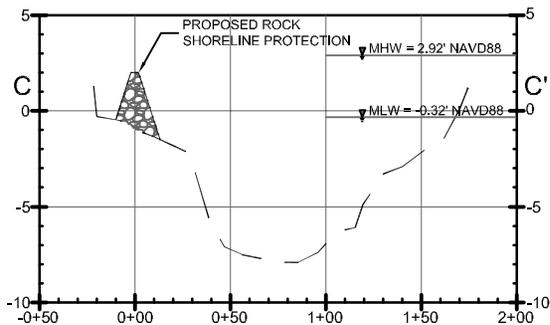
PROFILE A

HORIZONTAL SCALE: 1" = 100'
 VERTICAL SCALE: 1" = 10'

<p>APPLICATION BY: LAFOURCHE PARISH COUNCIL 101 WEST 112TH STREET CUTOFF, LA 70345</p>	<p>OFFICE OF COASTAL PROTECTION & RESTORATION ENGINEERING BRANCH 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801</p>	<p>GIWW to Clovelly Hydrologic Restoration Project (BA-02) 2010 MAINTENANCE PLAN</p>	<p>SITE 4 TO 4A/4B PROFILE</p>
<p>DRAWN BY: AQN</p>	<p>DESIGNED BY: J. BIRMINGHAM</p>	<p>APPROVED BY: C. TRUITT</p>	<p>STATE PROJECT NUMBER: BA-02 FEDERAL PROJECT NUMBER: BA-02 DATE: MARCH 2011 SHEET 4 OF 9</p>

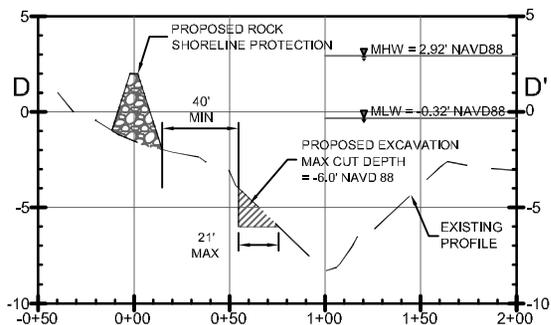


CROSS SECTION B
 HORIZONTAL SCALE: 1" = 100'
 VERTICAL SCALE: 1" = 10'
 STA 0+48.78

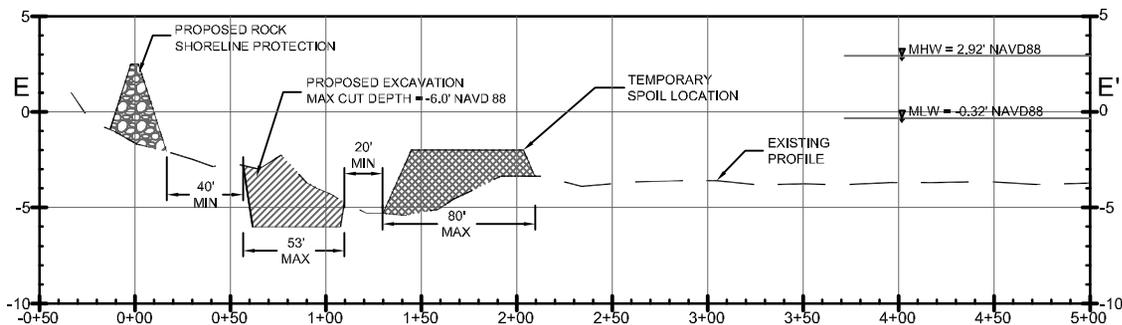


CROSS SECTION C
 HORIZONTAL SCALE: 1" = 100'
 VERTICAL SCALE: 1" = 10'
 STA 1+1.5

- GENERAL NOTES**
1. TYPICAL DETAILS FOR THE FISH DIP AND ACCESS CHANNEL DREDGING ARE ON SHEET 9.
 2. DETAILS FOR THE NEW ROCK SHORELINE PROTECTION ARE ON SHEET 8.
 3. EXISTING GRADE ELEVATIONS ARE BASED ON 2008 SURVEY DATA UNLESS SHOWN OTHERWISE.
 4. CONTRACTOR SHALL INSTALL TEMPORARY BENCH MARK AT SITE 4 AND 4A/4B UTILIZING SAME DATUM AS THE CONTROL MONUMENTS. SEE SPECIFICATIONS.
 5. VERTICAL DATUM: NAVD 88 (2004.65) GEOID03 (2004.65) COORDINATE UNITS: US SURVEY FEET.



CROSS SECTION D
 HORIZONTAL SCALE: 1" = 100'
 VERTICAL SCALE: 1" = 10'
 STA 1+53.55



CROSS SECTION E
 HORIZONTAL SCALE: 1" = 100'
 VERTICAL SCALE: 1" = 10'
 STA 2+48.48

APPLICATION BY:
 LAFOURCHE PARISH COUNCIL
 101 WEST 112TH STREET
 CUTOFF, LA 70345

DRAWN BY: AQN

**OFFICE OF COASTAL PROTECTION & RESTORATION
 ENGINEERING BRANCH**
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70801

DESIGNED BY: J. BIRMINGHAM

APPROVED BY: C. TRUITT

GIWW to Clovelly Hydrologic
 Restoration Project (BA-02)

2010 MAINTENANCE PLAN

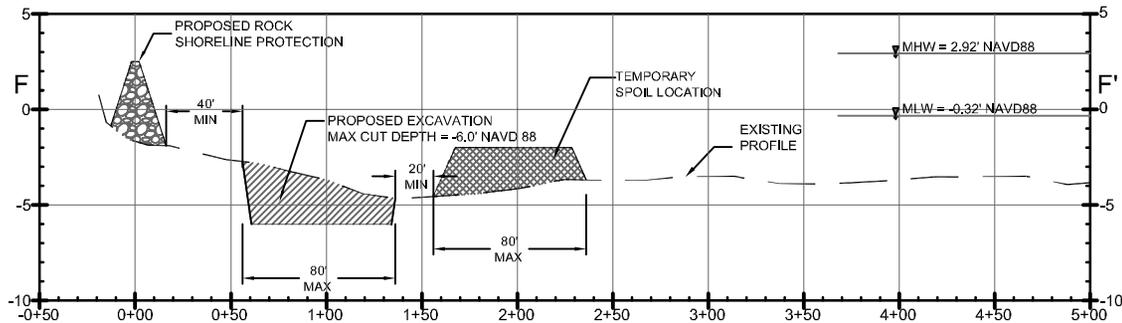
STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02

**SITE 4 TO 4A/4B
 CROSS-SECTIONS**

DATE: MARCH 2011

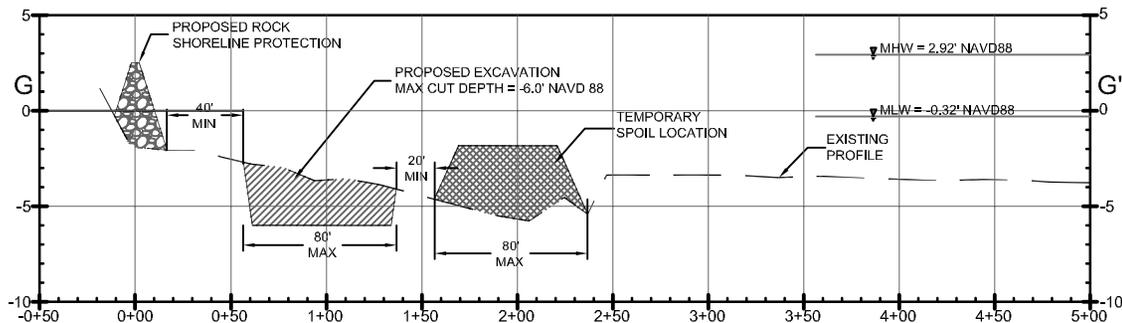
SHEET 5 OF 9



CROSS SECTION F

HORIZONTAL SCALE: 1" = 100'
 VERTICAL SCALE: 1" = 10'
 STA 3+53.97

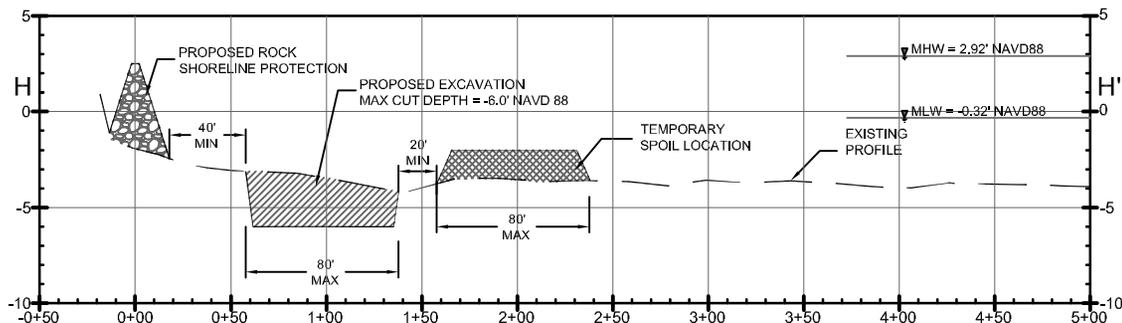
11



CROSS SECTION G

HORIZONTAL SCALE: 1" = 100'
 VERTICAL SCALE: 1" = 10'
 STA 4+55.72

11



CROSS SECTION H

HORIZONTAL SCALE: 1" = 100'
 VERTICAL SCALE: 1" = 10'
 STA 6+5.49

11

GENERAL NOTES

1. TYPICAL DETAILS FOR THE FISH DIP AND ACCESS CHANNEL DREDGING ARE ON SHEET 9.
2. DETAILS FOR THE NEW ROCK SHORELINE PROTECTION ARE ON SHEET 8.
3. EXISTING GRADE ELEVATIONS ARE BASED ON 2008 SURVEY DATA UNLESS SHOWN OTHERWISE.
4. CONTRACTOR SHALL INSTALL TEMPORARY BENCH MARK AT SITE 4 AND 4A/4B UTILIZING SAME DATUM AS THE CONTROL MONUMENTS. SEE SPECIFICATIONS.
5. VERTICAL DATUM: NAVD 88 (2004.65) GEOID03 (2004.65) COORDINATE UNITS: US SURVEY FEET.

APPLICATION BY:

LAFORCHE PARISH COUNCIL
 101 WEST 112TH STREET
 CUTOFF, LA 70345

**OFFICE OF COASTAL PROTECTION & RESTORATION
 ENGINEERING BRANCH**

450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70801

GIWW to Clovelly Hydrologic
 Restoration Project (BA-02)
2010 MAINTENANCE PLAN

**SITE 4 TO 4A/4B
 CROSS-SECTIONS**

STATE PROJECT NUMBER: BA-02

DATE: MARCH 2011

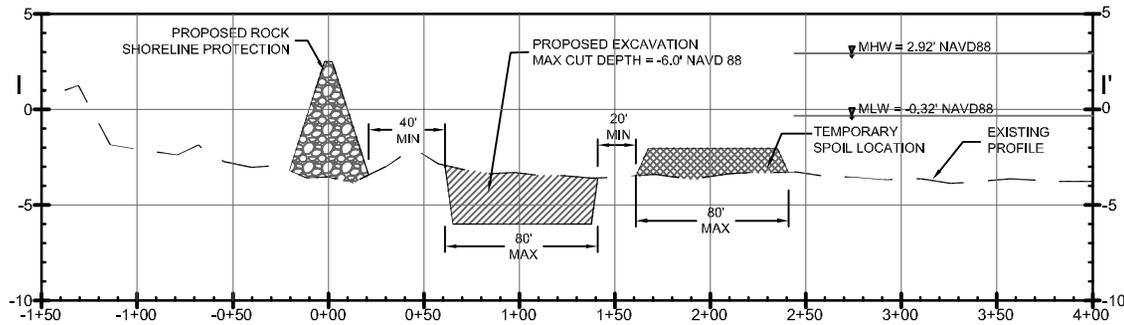
DRAWN BY: AQN

DESIGNED BY: J. BIRMINGHAM

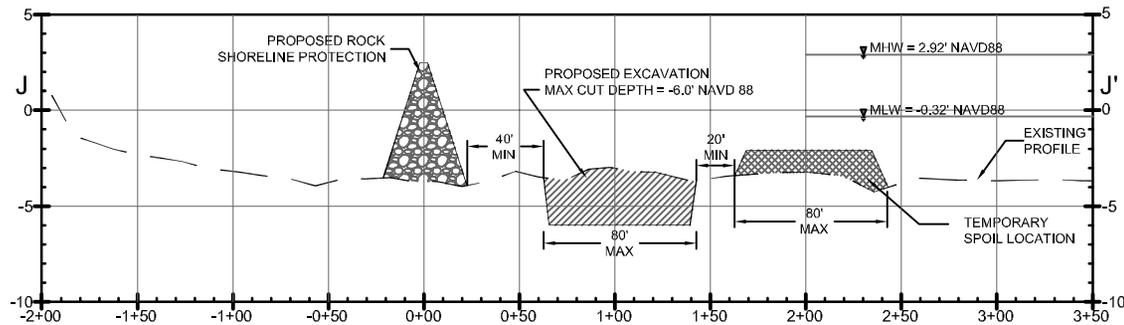
APPROVED BY: C. TRUITT

FEDERAL PROJECT NUMBER: BA-02

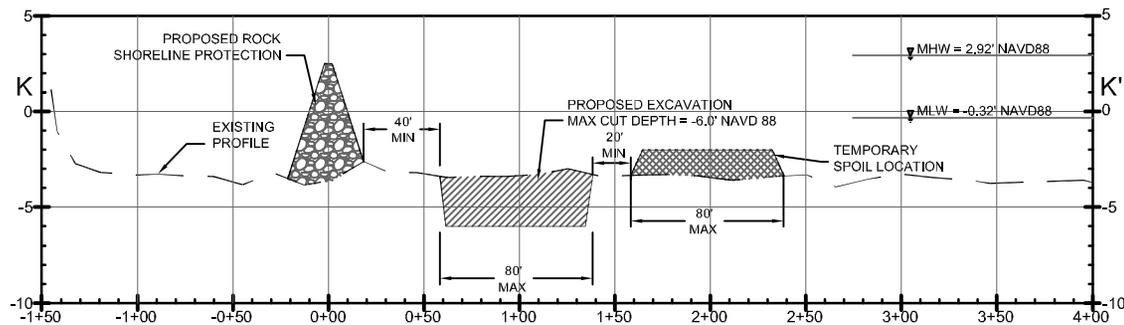
SHEET 6 OF 9



CROSS SECTION I
 HORIZONTAL SCALE: 1" = 100'
 VERTICAL SCALE: 1" = 10'
 STA 7+19.97



CROSS SECTION J
 HORIZONTAL SCALE: 1" = 100'
 VERTICAL SCALE: 1" = 10'
 STA 8+20.07



CROSS SECTION K
 HORIZONTAL SCALE: 1" = 100'
 VERTICAL SCALE: 1" = 10'
 STA 9+20.18

- GENERAL NOTES**
1. TYPICAL DETAILS FOR THE FISH DIP AND ACCESS CHANNEL DREDGING ARE ON SHEET 9.
 2. DETAILS FOR THE NEW ROCK SHORELINE PROTECTION ARE ON SHEET 8.
 3. EXISTING GRADE ELEVATIONS ARE BASED ON 2008 SURVEY DATA UNLESS SHOWN OTHERWISE.
 4. CONTRACTOR SHALL INSTALL TEMPORARY BENCH MARK AT SITE 4 AND 4A/4B UTILIZING SAME DATUM AS THE CONTROL MONUMENTS. SEE SPECIFICATIONS.
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APPLICATION BY:
 LAFORCHE PARISH COUNCIL
 101 WEST 112TH STREET
 CUTOFF, LA 70345

**OFFICE OF COASTAL PROTECTION & RESTORATION
 ENGINEERING BRANCH**
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70801

GIWW to Clovelly Hydrologic
 Restoration Project (BA-02)
2010 MAINTENANCE PLAN
 STATE PROJECT NUMBER: BA-02

**SITE 4 TO 4A/4B
 CROSS-SECTIONS**
 DATE: MARCH 2011

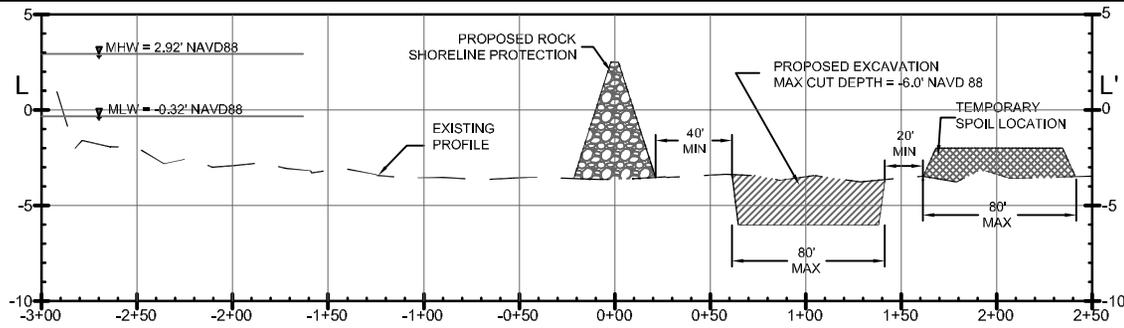
DRAWN BY: AQN

DESIGNED BY: J. BIRMINGHAM

APPROVED BY: C. TRUITT

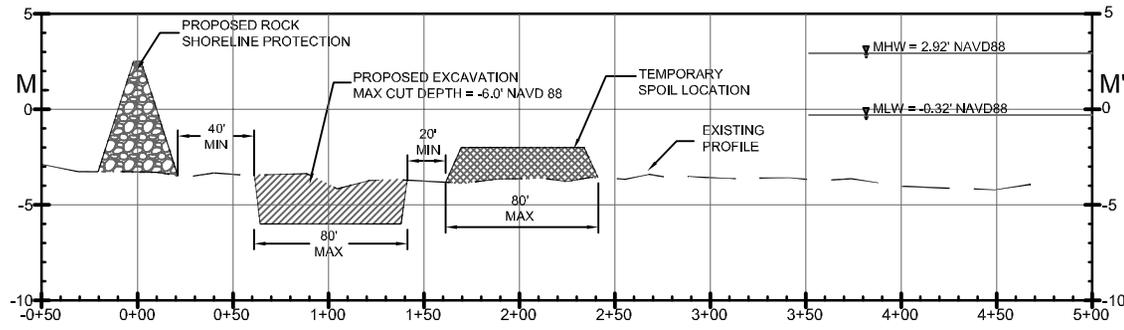
FEDERAL PROJECT NUMBER: BA-02

SHEET 7 OF 9



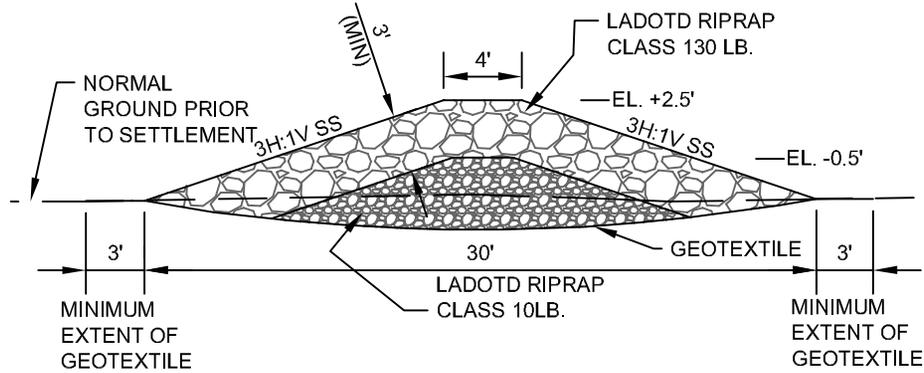
CROSS SECTION L

HORIZONTAL SCALE: 1" = 100'
 VERTICAL SCALE: 1" = 10'
 STA 10+20.28



CROSS SECTION M

HORIZONTAL SCALE: 1" = 100'
 VERTICAL SCALE: 1" = 10'
 STA 11+20.39



ROCK SHORELINE PROTECTION - TYPICAL SECTION

N.T.S.

- GENERAL NOTES**
1. TYPICAL DETAILS FOR THE FISH DIP AND ACCESS CHANNEL DREDGING ARE ON SHEET 9.
 2. EXISTING GRADE ELEVATIONS ARE BASED ON 2008 SURVEY DATA UNLESS SHOWN OTHERWISE.
 3. CONTRACTOR SHALL INSTALL TEMPORARY BENCH MARK AT SITE 4 AND 4A/4B UTILIZING SAME DATUM AS THE CONTROL MONUMENTS. SEE SPECIFICATIONS.
 4. VERTICAL DATUM: NAVD 88 (2004.65) GEOID03 (2004.65) COORDINATE UNITS: US SURVEY FEET.

APPLICATION BY:
 LAFOURCHE PARISH COUNCIL
 101 WEST 112TH STREET
 CUTOFF, LA 70345

**OFFICE OF COASTAL PROTECTION & RESTORATION
 ENGINEERING BRANCH**
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70801

GIWW to Clovelly Hydrologic
 Restoration Project (BA-02)
2010 MAINTENANCE PLAN
 STATE PROJECT NUMBER: BA-02

**SITE 4 TO 4A/4B
 CROSS-SECTIONS**
 DATE: MARCH 2011

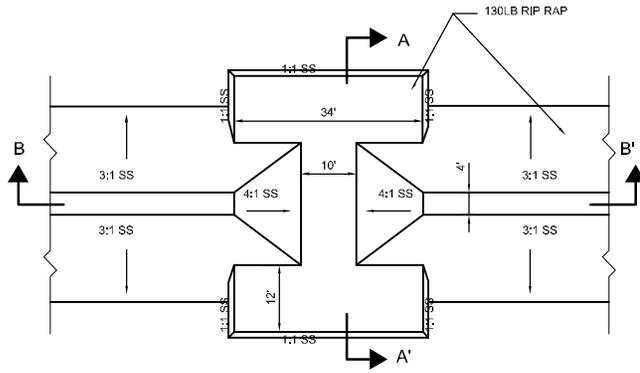
DRAWN BY: AQN

DESIGNED BY: J. BIRMINGHAM

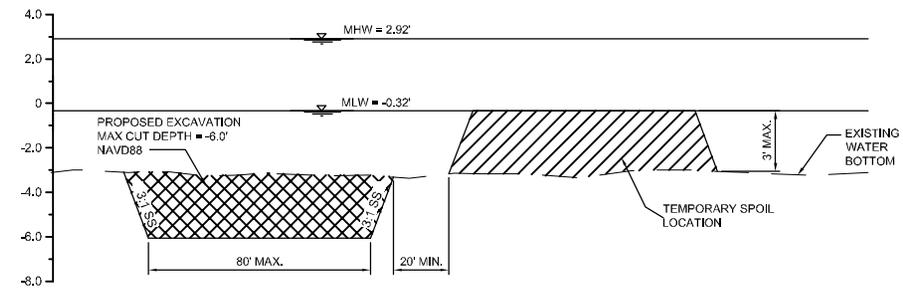
APPROVED BY: C. TRUITT

FEDERAL PROJECT NUMBER: BA-02

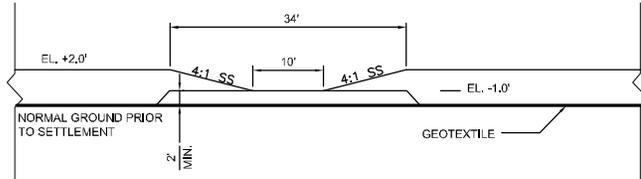
SHEET 8 OF 9



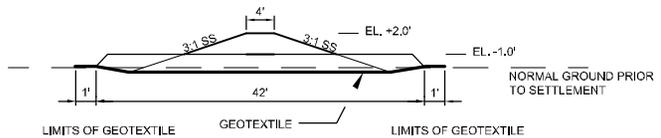
FISH DIP PLAN
NTS



TYPICAL ACCESS DREDGING B
NTS VARIES



FISH DIP PROFILE B-B'
NTS



FISH DIP SECTION A-A'
NTS

FISH DIP DETAIL A
NTS VARIES

<p>APPLICATION BY: LAFOURCHE PARISH COUNCIL 101 WEST 112TH STREET CUTOFF, LA 70345</p>	<p>OFFICE OF COASTAL PROTECTION & RESTORATION ENGINEERING BRANCH 450 LAUREL STREET, SUITE 1200 BATON ROUGE, LOUISIANA 70804</p>	<p>GIWW to Clovelly Hydrologic Restoration Project (BA-02) 2010 MAINTENANCE PLAN</p>	<p>DETAILS</p>
		<p>STATE PROJECT NUMBER: BA-02</p>	<p>DATE: MARCH 2011</p>
<p>DRAWN BY: L. LIENHOP</p>	<p>DESIGNED BY: B. BABIN</p>	<p>APPROVED BY: D. BURKHOLDER</p>	<p>FEDERAL PROJECT NUMBER: BA-02</p>
			<p>SHEET 9 OF 9</p>

ATTACHMENT "B"

Pre-Construction Conference Report & Meeting Notes

PRE-CONSTRUCTION CONFERENCE REPORT

**2010 Maintenance of
GIWW to Clovelly Hydrologic Restoration Project (BA-02)
Contract No. 2503-12-23
Engineering Services for Coastal Restoration Projects
Coastal Protection and Restoration Authority
State of Louisiana**

Thursday, November 17, 2011 at 10:00 a.m.

1. INTRODUCTION

- A. All parties in attendance were introduced. The attendance sheet is attached to this report.
- B. The scope of the project was briefly reviewed.

2. OWNER State of Louisiana, Coastal Protection and Restoration Authority

	<u>NAME</u>	<u>PHONE #</u>	<u>CELL #</u>
PROJECT MANAGER	<u>Brian Babin</u>	<u>985-447-0956</u>	<u>985-414-0883</u>
FIELD REP.	<u>Adam Ledet</u>	<u>985-449-5105</u>	<u></u>

3. ENGINEER Providence/GSE, GSE Associates, LLC, 991 Grand Caillou Road,
Houma, Louisiana, 70363

	<u>NAME</u>	<u>PHONE #</u>	<u>CELL #</u>
PROJECT MANAGER	<u>Phil Schexnayder</u>	<u>985-876-6380</u>	<u>985-803-6039</u>
FIELD ENGINEER	<u>L. Bennett Porterie, Jr.</u>	<u>985-876-6380</u>	<u>225-229-7277</u>
CONST. ADMIN.	<u>Richard Lottinger</u>	<u>985-876-6380</u>	<u>985-637-4412</u>
PROJECT REP.	<u>Rene Hebert</u>	<u>985-876-6380</u>	<u>985-852-9507</u>
PROJECT REP.	<u>Jeffery Bueche</u>	<u>985-876-6380</u>	<u>958-855-4799</u>

4. CONTRACTOR DQSI, LLC

	<u>NAME</u>	<u>PHONE #</u>	<u>CELL #</u>
PROJECT MANAGER	<u>Daniel Martin</u>	<u></u>	<u>337-962-1875</u>
OFFICE SUPERINT.	<u>Eric Bourg</u>	<u></u>	<u>504-628-6003</u>
OWNER	<u>Shelly Stubbs</u>	<u>985-871-7472</u>	<u></u>
SUPERINTENDENT	<u>Frank (Red) Foxworth</u>	<u></u>	<u></u>

5. CONSTRUCTION AGREEMENT

- A. Executed and Recorded Yes No
- B. Copies Distributed Yes No
- C. Payment and Performance Bonds Yes No

6. INSURANCE

- A. Contractual Liability - Certificate Received Yes No
- B. Builder's Risk - Certificate Received Yes No
- C. Owner's/Engineer's Protective Liability - Certificate Received Yes No

Remarks: _____

7. SUBCONTRACTORS

- | | | |
|---------------------------------|---|--|
| | <input checked="" type="checkbox"/> Applicable
to this project | <input type="checkbox"/> Not Applicable
to this project |
| A. Subcontractors List Received | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| B. List Approved | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| C. MBE's Approved | N/A | <input type="checkbox"/> No |
| D. Contracts Received | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

Remarks: CONTRACTOR WILL SUBMIT

8. PAYROLLS AND LABOR STANDARDS

- | | | |
|--|---|--|
| | <input checked="" type="checkbox"/> Applicable
to this project | <input type="checkbox"/> Not Applicable
to this project |
| A. Certifications Reviewed | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| B. Wage Rates and Rosters Distributed | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| C. Payrolls to be submitted to: <u>GSE Associates, LLC</u>
Name | | |
| D. Will job interviews be required | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |

Remarks: Certified payrolls are required.
See attached wage determination.

9. **PROGRESS SCHEDULES**

- A. Time to complete project 180 calendar days
- B. Amount of liquidated damages \$1,500.00
- C. Bar Chart Received _____ Yes No
- D. CPM Received _____ Yes No
If not received C and/or D will be submitted by: December 1, 2011
- E. Does Contractor expect any unavoidable delays in completing the project on time _____ Yes No
If yes, explain: _____
- Remarks: _____

10. **SHOP DRAWINGS**

- A. Schedule of Submittals Received _____ Yes No
If not, date due: December 1, 2011
- B. Distribution of Copies: Contractor will submit 5 copies for review. Submittals will be distributed as follows:
- | | | |
|------------|----------|---------------|
| Owner | <u>1</u> | (# of Copies) |
| Engineer | <u>2</u> | (# of Copies) |
| Contractor | <u>2</u> | (# of Copies) |
- C. Has Contractor been informed he must certify submittals before submission: Failure to comply will result in rejection of submittal. Yes _____ No
Remarks: _____

11. **QUALITY CONTROL**

- A. Quality Control Person: Name Jeff Arceneaux
Phone # 504-214-3140
- B. Field Superintendent: Name Faryl Wiggins
Phone # 985-276-8328
24 Hr. # _____
- C. Authorized to Execute Change Orders and Modifications: Name Jeff Arceneaux and Lea Shelly Stubbs
- D. Contractors informed will be responsible for record drawings Yes _____ No
- E. Daily Quality Control Form and Report reviewed: _____ Yes No
Remarks: Weekly Quality Control Reports will be submitted.

12. **ENVIRONMENTAL PROTECTION PLAN**
(Burning, Dust Control, Sanitary Facilities, etc.)

Received _____ Yes No
If not, date due: _____

Remarks: Contractor will provide all environmental protection required.

13. **PROJECT SIGN**

A. Required by contract _____ Yes No
B. Location _____

Remarks: _____

14. **NOTICE TO PROCEED**

A. Issued at Meeting Yes _____ No
B. Date November 4, 2011
C. Construction Start Date November 18, 2011
D. Construction Completion Date May 16, 2012

Remarks: _____

15. **MONTHLY PAYMENT REQUESTS**

A. Has Schedule of Values been submitted Yes _____ No
If not, due date _____
B. Has Schedule of Values been approved _____ Yes _____ No
C. Pay request ending date will be End of Month
(Day of Month)
D. Time anticipated for review
A. Engineer 5 Days
B. Owner _____ Days

Remarks: _____

16. A review of the technical plans and specifications was made.
Comments _____

- 1 • Structure Nos. 4a and 4b only allows floatation channel.
- Access to Structure No. 2, no dredging, no permit. Engineer and Contractor will review.
- Parallel lines on meg survey shall be submitted for approval.
- Reviewed pay items.
- 5 • Contractor on brick repair to make lines on specifications.
- Temporary signs can use "used piles" as long as they do the job.
- Submittal on new sign and light to be approved by Coast Guard.
- Structure No. 1: take measurement to replace piles and submit new location for approval.
- 9 • The crane bucket to remove riprap from large barge. No material shall be lost during removal from barge. Project Representative must measure all barges for payment.
- 10 • Cave-in Rock, Illinois and Lafarge Riprap are the rock suppliers - submit certification.
- 11 • Contractor breakdown on estimated Structure Nos. 4a/4b different pay source. Make field change separate rock quantity.
- Sample on fabric will be submitted.
- Start mobilization after Thanksgiving. No inspection required for survey. Work schedule is six (6) days a week from 6:00 a.m. to 4:00 p.m.; seven (7) days a week when installing rock.
- Contact landowner prior to mobilization.
- 15 • Contact pipeline company prior to mobilization.
- Engineer to review survey prior to rock placement.

SIGNED:

_____ OWNER	_____ DATE	_____ CONTRACTOR	_____ DATE
<i>L. B. Porterie, Jr.</i> ENGINEER	<i>12/7/2011</i> DATE	_____	_____
		OTHER	DATE

PRE-CONSTRUCTION ATTENDANCE LIST

<u>Name</u>	<u>Title</u>	<u>Representing</u>	<u>Contact Information</u>
_____	<u>Engineer</u>	<u>Providence/GSE</u>	(p) <u>985-876-6380</u> (c) _____ (e) _____
<u>CLAY BREAUD</u>	<u>Co. MANAGER</u>	<u>Providence/GSE</u>	(p) <u>985-876-6380</u> (c) _____ (e) <u>CLAY BREAUD@PROVIDENCE</u> <u>ENG.CO</u>
<u>Adam Ledet</u>	<u>Engineer</u>	<u>CPRR</u>	(p) <u>985-449-5105</u> (c) _____ (e) <u>Adam.Ledet@LA.GOV</u>
<u>Joseph Tremé</u>	<u>Project Engr</u>	<u>Orion Marine Group</u>	(p) <u>337-496-9767</u> (c) <u>jotreme@fmillerconstru</u> (e) <u>ion.com</u>
<u>ERIC Bourb</u>	<u>PM</u>	<u>DASI</u>	(p) <u>985-871-7472</u> (c) <u>504-628-6003</u> (e) <u>eric@dasi.com</u>
<u>Chuck Comiskey</u>	<u>Terminal Mgr</u>	<u>LAauge FMT Agg</u>	(p) <u>985 629 - 0108</u> (c) <u>504 495-4630</u> (e) <u>chuck.comiskey@lants</u>
<u>Timmy Callais</u>	<u>Operations Manager</u>	<u>FMT</u>	(p) <u>985-629-0102</u> (c) <u>985-264-5895</u> (e) <u>timmy.Callais@FIMarine.</u>
<u>Richard Lottinger</u>	<u>Const. Adm</u>	<u>GSE</u>	(p) <u>985-8766380</u> (c) _____ (e) _____
<u>Jeffery Bueche</u>	<u>Project Rep.</u>	<u>GSE</u>	(p) _____ (c) <u>985-855-4799</u> (e) _____

Pre-Construction Attendance List (continued...)

<u>Name</u>	<u>Title</u>	<u>Representing</u>	<u>Phone Number & Email</u>
<u>Keith Roberts</u>	<u>Surveyor</u>	<u>Hydro Terra</u>	(p) <u>(337) 706-8219</u> (c) <u>(337) 517-3373</u> (e) <u>Keith@hydroterra.com</u>
<u>Rene Hebert</u>	<u>Insp.</u>	<u>GSE</u>	(p) <u>(985) 876-6380</u> (c) <u>(985) 852-9507</u> (e) <u>rene@gulf-south.com</u>
<u>Daniel Martin</u>	<u>Project manager</u>	<u>DASI</u>	(p) <u>337-962-1875</u> (c) <u>daniel@terra-logistics.com</u> (e) _____
<u>SHILLY STUBBS</u>	<u>President CEO</u>	<u>DASI</u>	(p) <u>985-871-7472 x203</u> (c) <u>985-630-5880</u> (e) <u>shilly@dasi.com</u>
<u>Brian Babio</u>	<u>Project Eng</u>	<u>CPRA</u>	(p) <u>(985) 447-0956</u> (c) <u>414-0883</u> (e) <u>brian.babio@la.gov</u>
<u>Jacob Martin</u>	<u>Project REP.</u>	<u>Providence GSE</u>	(p) _____ (c) <u>(985) 860-3563</u> (e) _____
_____	_____	_____	(p) _____ (c) _____ (e) _____
_____	_____	_____	(p) _____ (c) _____ (e) _____
_____	_____	_____	(p) _____ (c) _____ (e) _____

WAGE RATE DETERMINATION

2010 Maintenance of
GIWW to Clovelly Hydrologic Restoration Project (BA-02)
Contract No. 2503-12-23
State of Louisiana
GSE Project No. 621-004-GSE

General Decision Number: LA100015 03/12/2010 LA15

Superseded General Decision Number: LA20080015

State: Louisiana

Construction Type: Heavy Dredging

Counties: Louisiana Statewide.

DREDGING PROJECTS ALONG THE GULF COAST AREA INCLUDING THE
MISSISSIPPI RIVER AND ITS TRIBUTARIES TO THE OHIO RIVER

Modification Number	Publication Date
0	03/12/2010

* SULA1994-001 04/01/1994

	Rates	Fringes
Derrick Operator.....	\$ 7.25	
Dozer Operator.....	\$ 7.25	
Dredge 16" and Over		
Deckhand.....	\$ 7.25	
Dredge tender operator.....	\$ 7.25	
Fireman.....	\$ 7.25	
First assistant engineer....	\$ 7.25	
Leverman.....	\$ 7.25	
Oiler.....	\$ 7.25	
Second assistant engineer...	\$ 7.25	
Shoreman.....	\$ 7.25	
Third assistant engineer....	\$ 7.25	
Truck driver.....	\$ 7.25	
Welder.....	\$ 7.25	
Dredge Under 16"		
Deckhand.....	\$ 7.25	
Dredge tender operator.....	\$ 7.25	
Leverman.....	\$ 7.25	
Oiler.....	\$ 7.25	
Welder.....	\$ 7.25	

Hydraulic Dredging		
First cook.....	\$	7.25
Handyman.....	\$	7.25
Janitor, cabin person.....	\$	7.25
Second cook.....	\$	7.25
Marsh Buggy Dragline, Oiler.....	\$	7.25
Marsh Buggy Dragline, Operator...	\$	7.25
Self-Propelled Hopper Dredge, Drag Tender.....	\$	9.70
		3.45+a

FOOTNOTE: Fourteen paid vacation days and eight paid holidays: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day & Christmas Day provided the employee has one year of service.

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

=====

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board. Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

=====

END OF GENERAL DECISION

State of Louisiana
Office of Coastal Protection & Restoration
GIWW to Clovelly Hydrologic Restoration
2010 MAINTENANCE PROJECT
PROJECT (BA-02)

Bi-Weekly Progress Meeting Minutes

Date: Thursday, May 17, 2012

Time: 9:00 AM (Central Time)

Location: Boat Landing

Attendees:

Phil Schexnayder (GSE)

Frank Foxworth (DQSI)

Adam Ledet (OCPRA)

Eric Bourg (DQSI)

Rene Hebert (GSE)

1. Request for Interpretations (R.F.I.) (Type Bucket in use)
Making adjustments for bucket
2. Field Adjustment Reports (F.A.R.) (Power Outage for Transmission Lines – March 5 & 12, 2012)
N/A
3. Change Orders
Change Order No. 3 is being processed.
4. Pay Surveys
None
5. Breach Closures
Report on finalizing breaches. No. 1 has been reworked and is in need of planting. Others need to be regraded.
6. Pre-Construction Surveys
100%

7. Mobilization/Demobilization
60%
8. Flootation Channel
Contractor maintaining flotation channel with prop wash of tugs.
9. Payment Requests (*As of May 3, 2012 @ #5 = \$1,668,870.18*)
With contract amount @ \$3,123,733.27, percent complete is 53%.
10. Construction Methodology
None
11. Construction Schedule
Contractor will submit revised construction schedule.
12. Other Items
*Disposition schedule of 130# remaining riprap
1 barge on site and 2 in the river
Disposition schedule of 250# riprap
Due on May 23, 2012, 4 barges (leaves 6 contract days to place)
Work remaining – pull pilings / install lights and signs
Cross Sections turned in. Need to check and correct stationing.*

State of Louisiana
Office of Coastal Protection & Restoration
GIWW to Clovelly Hydrologic Restoration
2010 MAINTENANCE PROJECT
PROJECT (BA-02)

Bi-Weekly Progress Meeting Minutes

Date: Thursday, February 9, 2012

Time: 10:00 AM (Central Time)

Location: Public Boat Launch on Clovelly Canal

Attendees: Brian Babin (OCPR)
Adam Ledet (OCPR)
Mitchell Smith (DQSI)
Frank Foxworth (DQSI)
Eric Bourg (DQSI)
Kenny Soulant (DQSI)
Rene Hebert (GSE)
Phil Schexnayder (GSE)

1. Request for Interpretations (R.F.I.) (Type Bucket in use)

Water Marine will lighten river barges to smaller barges. There still remains a question as to the type of bucket to be used. A decision will be made after inspection of the offloading operations. Small barges are to have a rock wall. River barges will be measured on arrival. Barges will come six (6) at a time.

2. Field Adjustment Reports (F.A.R.)

Attached is response from Power Company on work around transmission lines. Still waiting upon Power Company's schedule to have a meeting to discuss options.

3. Change Orders

None

4. Pay Surveys

Will submit

5. Breach Closures

60%. Breach No. 1 will be allowed to set for a period of time before completion. This will allow material to set up to prevent future sliding. Breach No. 5 was moved forward to avoid conflict with a valve setting.

6. Pre-Construction Surveys

60%

7. Mobilization/Demobilization

60%

8. Flootation Channel

60%

9. Payment Requests

Payment Request No. 2 brings total to \$271,813.62 or 8.77 % of the contract. Time that has elapsed is 75 days or 41.7% of contract time. 80% of project is placement of rock. The percent complete vs the percent time elapsed are out of balance due to item values. Contract time will adjust to project completion as higher priced items are completed.

10. Construction Methodology

None

11. Construction Schedule

Rock scheduled to arrive on site on February 22, 2012.

12. Other Items (Marsh Elevation) (Type pinning of fabric)

Discussion on marsh elevation and how to obtain. OCPR will provide or DQSI can take 50 elevation shots in the marsh and average the shots. Discussion on the installation of fabric. Contractor has option of various pinning methods.

State of Louisiana
Office of Coastal Protection & Restoration
GIWW to Clovelly Hydrologic Restoration
2010 MAINTENANCE PROJECT
PROJECT (BA-02)

Bi-Weekly Progress Meeting Minutes

Date: Thursday, February 23, 2012

Time: 09:30 AM (Central Time)

Location: Public Boat Launch on Clovelly Canal

Attendees: Brian Babin (OCPR) John Pecoraro (DQSI)
Adam Ledet (OCPR) Anthony Gisilor (DQSI)
Mitchell Smith (DQSI) Jeff Arceneaux (DQSI)
Frank Foxworth (DQSI) Chuck Commickey (LFMTA)
Eric Bourg (DQSI) Timmy Callais (FMT)
Kenny Soulant (DQSI) Steven Woods (T+T Marine/Gulf Coast Bulk)
Rene Hebert (GSE) Ernest Trujillo (T+T Marine/Handling, LLC)
Phil Schexnayder (GSE)

1. Request for Interpretations (R.F.I.) (Type Bucket in use)

Water Marine will lighten river barges to smaller barges. There still remains a question as to the type of bucket to be used. A decision will be made after inspection of the offloading operations. Small barges will not have a rock wall. It will cost \$40,000 per barge to have a rock wall installed. Small barges will be placed against Contractor's larger barge to act as a rock wall. Light loading and rock placement will be observed to ensure that there is no loss of rock during operations. River barges will be measured on arrival. Barges will come six (6) at a time.

2. Field Adjustment Reports (F.A.R.) (Power Outage for Transmission Lines)

Power will be shut down for barge crossing on March 5, 12, & 19, only long enough for barge to cross safely. OCPR will request of Federal Sponsor on payment of shutdown.

Attached is a work plan from DQSI on work around transmission lines.

3. Change Orders

None

4. Pay Surveys

None

5. Breach Closures

Dirt work makes up 90% of work complete for breach repair. Contractor still has to perform final grading and seeding of breach repair. Will mix seeds according to planting dates. Contractor will submit options.

6. Pre-Construction Surveys

100%

7. Mobilization/Demobilization

60%

8. Floation Channel

100%, Contractor has to maintain channel.

9. Payment Requests

Payment Request No. 2 brings total to \$271,813.62 or 8.77 % of the contract. As of this date, 97 contract days have expired. 83 contract days are remaining.

10. Construction Methodology

None

11. Construction Schedule

Rock scheduled to arrive on site on February 27, 2012. Contractor will revise and resubmit construction schedule.

12. Other Items (Marsh Elevation) (Type pinning of fabric)

OCPR will send marsh elevations to contractor.

Discussion on the installation of fabric. Contractor has option of various pinning methods. Contractor elects to use a 2"x2" pole with a hole drilled into the side and insert rebar to hold fabric while placing rock.

River Barges are expected to arrive on Monday, February 27, 2012. Adam Ledet (OCPR) will accompany Rene Hebert (GSE) to observe light loading with clam bucket.

Discussion on installing lights at Structure No. 1. A boat has already run into the pilings.

Contractor will utilize a second crew for pilings on March 23, 2012.

Will separate and calculate base bid rock (130#) tonnage for 4A & 4B extension.

Contractor will use Bayou Perot as a staging area for river barges.

State of Louisiana
Office of Coastal Protection & Restoration
GIWW to Clovelly Hydrologic Restoration
2010 MAINTENANCE PROJECT
PROJECT (BA-02)

Bi-Weekly Progress Meeting Minutes

Date: Thursday, March 8, 2012

Time: 09:30 AM (Central Time)

Location: Public Boat Launch on Clovelly Canal

Attendees: Brian Babin (OCPR) Kenny Soulant (DQSI)
Adam Ledet (OCPR) Phil Schexnayder (GSE)
Mitchell Smith (DQSI) Rene Hebert (GSE)
Frank Foxworth (DQSI) Eric Bourg (DQSI)

1. Request for Interpretations (R.F.I.) (Type Bucket in use)

(Gradation of Rocks)

Yellow bucket is for 10# rock, Red bucket is for 130# rock. Three barges which failed visual inspection will be sent back to the rock quarry. Contractor will resubmit on a new rock from Lafarge. There will also be a new quarry – submittal.

2. Field Adjustment Reports (F.A.R.) (Power Outage for Transmission Lines – March 5 & 12, 2012)

(Report on work around power lines) (Work Plan)

During warm weather, power lines will sag lower. Power was killed on Monday, but the tide was too low to work.

3. Change Orders

Submitted to contractor. Awaiting return. Contractor signed and sent back. Will check on receipt.

4. Pay Surveys

None

5. Breach Closures

(Report) Breach closure is @ 80%. Fine grade and seeding remains.

6. Pre-Construction Surveys

100%

7. Mobilization/Demobilization

60%

8. Floation Channel

??%, Contractor maintaining channel-floation. Channel not dug under power lines. 50' out of 1,500' not dug.

9. Payment Requests (Still at # 2)

As of this date there are 70 contract days remaining. Contractor is assured that he will complete project on time.

10. Construction Methodology

None

11. Construction Schedule

Contractor will submit a revised construction schedule.

12. Other Items

Report on fabric pinning. Working well.

GSE insurance coverage will be sent.

Made Contractor award of fuel on ground around fuel tanks.

130# & 10# that have been offloaded does not have delivery tickets.

Barges have to have a 1' – 2' clearance around the edges of the barge.

“One Call” confirmation will be submitted.

Barge table update will be submitted.

On Dolphin materials, submit whatever information that Contractor has.

Placard color to match existing color.

Contractor to submit barge tables.

State of Louisiana
Office of Coastal Protection & Restoration
GIWW to Clovelly Hydrologic Restoration
2010 MAINTENANCE PROJECT
PROJECT (BA-02)

Bi-Weekly Progress Meeting Minutes

Date: Tuesday, March 27, 2012

Time: 09:30 AM (Central Time)

Location: Public Boat Launch on Clovelly Canal

Attendees: Bennett Porterie, Jr. (GSE) Kenny Soulant (DQSI)
Adam Ledet (OCPR) Phil Schexnayder (GSE)
Farrell Wiggings (DQSI) Rene Hebert (GSE)
Frank Foxworth (DQSI) Eric Bourg (DQSI)

1. Request for Interpretations (R.F.I.) (Type Bucket in use)

(Gradation of Rocks)

Yellow bucket and Bob Cat seem to be working. The three barges which failed visual inspection have been removed from the area. Have quarry tickets on the 8 barges on site.

2. Field Adjustment Reports (F.A.R.) (Power Outage for Transmission Lines – March 5 & 12, 2012)

(Report on work around power lines) Rock has been placed under power lines.

Power was turned off 2 times @ 4 hours each and 1 time @ 1 ½ hours.

3. Change Orders

OCPR is processing Change Order.

4. Pay Surveys

Work is being checked daily.

5. Breach Closures

(Report) Breach closure is @ 80%. Fine grade and seeding remains.

No work has been done on the breaches since last meeting of 03-08-12.

6. Pre-Construction Surveys

100%

7. Mobilization/Demobilization

60%

8. Flootation Channel

100%, Contractor maintaining channel-flootation.

9. Payment Requests (At # 3 (\$286,264))

As of this date there are 65 contract days remaining. Contractor is assured that he will complete project on time.

10. Construction Methodology

None

11. Construction Schedule

Contractor will submit an updated construction schedule.

12. Other Items

Report on fabric pinning. Has 300' left in contract to lay.

Contractor will submit "Dottie" tickets.

It has been requested to add two (2) additional barges to the fleet in order to reduce down time, (waiting for barges to complete the "round trip").

Warning signs for dolphins were not correct. Reuse old warning signs until new signs are received.

Structure No. 1 dolphins were completed.

Updated Dottie tickets have not been received. Contractor will submit.

There are 8 barges of rock on site with 9 more to arrive. There are 6 barges "in the river", coming down.

State of Louisiana
Office of Coastal Protection & Restoration
GIWW to Clovelly Hydrologic Restoration
2010 MAINTENANCE PROJECT
PROJECT (BA-02)

Bi-Weekly Progress Meeting Minutes

Date: Thursday, April 5, 2012

Time: 9:00 AM (Central Time)

Location: Office of GSE Associates, LLC

Attendees: Bennett Porterie, Jr. (GSE) KenJeff Arceneaux (DQSI)
 Brian Babin (OCPR) Phil Schexnayder (GSE)
 Farrell Wiggings (DQSI) Rene Hebert (GSE)
 Frank Foxworth (DQSI) Eric Bourg (DQSI)
 Mitch Smith (DQSI) Richard Lottinger (GSE)

1. Request for Interpretations (R.F.I.) (Type Bucket in use)
Discussion on 10# rock quantity. (+64 tons) Will be looked at when all rock is in place.
Barges are being overloaded at rock quarry. Rock is being lost during the light loading. May present problem at the locks in the river. Jeff will discuss with rock quarry. Inspector is compensating for rock loss. Contractor never used a drag bucket before on any past rock projects.

2. Field Adjustment Reports (F.A.R.) (Power Outage for Transmission Lines – March 5 & 12, 2012)
(Report on work around power lines) (Work Plan) 130# rock left to be placed under power lines at Structure No. 2. Will try to work without turning off power. Lakerim, Section 2 will be skipped under power line.

3. Change Orders
OCPR is still processing Change Order.

4. Pay Surveys
None
5. Breach Closures
Report on finalizing breaches. Prior to final grading, contractor will bring breach closure back to its design section.
6. Pre-Construction Surveys
100%
7. Mobilization/Demobilization
60%
8. Flootation Channel
Contractor maintaining channel-flotation channel.
9. Payment Requests (@ 3 \$286,264)
*As of this date there are 56 contract days remaining (+ 4 rain days)
Contractor plans on completing project with the allotted time. Will submit a work plan explaining how.*
10. Construction Methodology
None
11. Construction Schedule
Contractor to submit revised construction schedule
12. Other Items
*Contractor submitted "Dottie" tickets. Will renew Dottie calls and submit.
Report on two (2) extra barges request. Jeff will request more barges for a quicker rotation
Barges on site 10
Wood on barges causing debris around rock.
All signs are in.
New dolphins at 14 & 1A are completed. Old dolphins are yet to be removed.
Safety hardhats, safety glasses, and life vest should be worn at all times.*

State of Louisiana
Office of Coastal Protection & Restoration
GIWW to Clovelly Hydrologic Restoration
2010 MAINTENANCE PROJECT
PROJECT (BA-02)

Bi-Weekly Progress Meeting Minutes

Date: Wednesday, April 18, 2012

Time: 9:30 AM (Central Time)

Location: Boat Landing

Attendees:

Brian Babin (OCPR)	Phil Schexnayder (GSE)
Farrell Wiggings (DQSI)	Rene Hebert (GSE)
Frank Foxworth (DQSI)	Eric Bourg (DQSI)
Mitch Smith (DQSI)	

1. Request for Interpretations (R.F.I.) (Type Bucket in use)
Status of barge being overloaded at the rock quarry. There is no over waste. Contractor submitted a Request for Equitable Adjustment No. 2 & 3. These will be reviewed later.
2. Field Adjustment Reports (F.A.R.) (Power Outage for Transmission Lines – March 5 & 12, 2012)
(Report on work around power lines) (Work Plan) Monday morning (04-23-12) power will be off for work under power lines. Build 6” higher at power lines. OCPR is requesting total allowance for outages to date.
3. Change Orders
State Purchasing is still processing Change Order.
4. Pay Surveys
None

5. Breach Closures
No work being done on breaches. Prior to final grading, contractor will bring breach closure back to its design section.
6. Pre-Construction Surveys
100%
7. Mobilization/Demobilization
60%
8. Flootation Channel
Contractor maintaining flotation channel with prop wash of tugs.
9. Payment Requests (@ 3 \$286,264)
Contractor plans on completing project with the allotted time. Will submit a work plan explaining how the project will be completed on time. Work plan will consist of using heave barges with lite barges in the placement of rock.
10. Construction Methodology
None
11. Construction Schedule
Contractor to submit revised construction schedule
12. Other Items
Contractor will not bring in extra barges. Will load lite barges a little heavier.

State of Louisiana
Office of Coastal Protection & Restoration
GIWW to Clovelly Hydrologic Restoration
2010 MAINTENANCE PROJECT
PROJECT (BA-02)

Bi-Weekly Progress Meeting Minutes

Date: Wednesday, May 2, 2012

Time: 9:30 AM (Central Time)

Location: Boat Landing

Attendees:

Brian Babin (OCPRA)	Phil Schexnayder (GSE)
Adam Ledet (OCPRA)	Daniel Martin (DQSI)
Farrell Wiggings (DQSI)	Rene Hebert (GSE)
Frank Foxworth (DQSI)	Eric Bourg (DQSI)
Jeff Arceneaux (DQSI)	

1. Request for Interpretations (R.F.I.) (Type Bucket in use)
Status of barge being overloaded at the rock quarry. Barges were preloaded prior to request. Barges are still overloaded but monitored. 250# rock should have less on barge.
2. Field Adjustment Reports (F.A.R.) (Power Outage for Transmission Lines – March 5 & 12, 2012)
(Report on work around power lines) Power was shut off yesterday. Work around power lines is complete.
3. Change Orders
Change Order No. 1 was sent out.
Status of Change Order No. 2 (Warning signs) Signed and sent in.

4. Pay Surveys

None

5. Breach Closures

Report on finalizing breaches. Prior to final grading, contractor will bring breach closure back to its design section.

6. Pre-Construction Surveys

100%

7. Mobilization/Demobilization

60%

8. Flootation Channel

Contractor maintaining flotation channel with prop wash of tugs.

9. Payment Requests (@ 3 \$286,264)

Discussion on time extension. To determine extension, daily production rate will be divided into contract amount of rock remaining. 12 days will be added to contract time (8,000 tons / 800 tons/day + 2 days = 12 days). 1 day added in Change Order No. 2.

10. Construction Methodology

None

11. Construction Schedule

Contractor has submitted revised construction schedule.

12. Other Items

Barges on site

Barges on river

Work remaining

250# rock will arrive within 7-8 days

Remaining 130# is at the staging area.

Contract time will extend from May 16, 2012 to May 29, 2012.

Will run x-section survey today.

Will recap where needed.

Final x-sections will be taken when completed.

ATTACHMENT “C”

Change Orders & Field Changes



PROVIDENCE/GSE
GSE ASSOCIATES, LLC

Project No. 621-005-000

April 24, 2012

Mr. Shelly Stubbs
DQSI, LLC
19218 North 5th Street
Covington, LA 70433

Re: DNR Contract No. 2503-12-23
File Number S 28105 DL, P.O. Number 3768560
GIWW/Clovelly Hydrologic Restoration (BA-02)
2010 Maintenance Project
Lafourche Parish, Louisiana

Dear Mr. Stubbs:

Attached is your copy of approved Change Order No. 1 for the referenced project.

Should you have any questions or require additional information, please contact me at 991 Grand Caillou Road, Houma, Louisiana, 70363, phone number (985) 876-6380, fax number (985) 876-0621.

Sincerely,

Providence/GSE
GSE Associates, LLC

Richard L. Lottinger

RLL/md

Attachment

cc: Mr. Adam Ledet, OCPR Task Manager, Louisiana Department of Natural Resources

CHANGE ORDER

No. 1

Dated March 15, 2012

DNR Contract No. 2503-12-23

OWNER's P.O. No. 3768560

ENGINEER's Project No. 621-005-GSE

GIWW/Clovelly Hydrologic Restoration (BA-02)

2010 Maintenance Project

Project: Lafourche Parish, Louisiana

CONTRACTOR DQSI, LLC

Contract For Shoreline Protection & Restoration

Contract Date November 4, 2011

To: DQSI, LLC

CONTRACTOR

You are directed to make the changes noted below in the subject Contract:

Office of Coastal Protection and Restoration

OWNER

By

Ben Jett

Dated

April 23

2012

Nature of the Changes:

Decrease contract Item No. 9, 130 lbs. Riprap	-6,570 tons at \$66.38 tons =	-\$436,116.60
Add contract Item No. 9(A), 130 lbs. Riprap (Rock Shoreline Protection Between Site 4 and Site 4 A/B	6,570 tons at \$66.38 tons =	\$436,116.60
Add contract Item No. 12, Reimbursement of Cost to Shut-Down Entergy Transmission Line, including a 20' Safety Zone of No Construction (Contractor Shall Provide Paid Invoice from Entergy)	Allowance of \$20,000.00 =	\$ 20,000.00

Net Addition: \$ 20,000.00

Enclosures:

- DQSI's letter dated February 13, 2012 (submitted March 13, 2012).
- Revised Schedule of Bid Items.

These changes result in the following adjustment of Contract Price and Contract Time:

Contract Price Prior to This Change Order	\$ 3,098,901.97
Net (Increase) (Decrease) Resulting from this Change Order	\$ 20,000.00
Current Contract Price Including This Change Order	\$ 3,118,901.97

Contract Time Prior to This Change Order 180 days - May 16, 2012
(Days or Date)
Net (Increase) (Decrease) Resulting from This Change Order 0
(Days)
Current Contract Time Including This Change Order 180 days - May 16, 2012
(Days or Date)

The Above Changes Are Approved:

GSE Associates, LLC

ENGINEER

By



Dated

3/21, 2012

Contractor acknowledges that the values set forth in this change order include any and all claims for additional compensation due to equitable adjustment resulting from any addition, deletion or revision in the Work, or changes in contract time.

The Above Changes Are Accepted:

DQSI, LLC

CONTRACTOR

By

Dated



CHANGE ORDER NO. 1
SCHEDULE OF BID ITEMS
GIWW to Clovelly Hydrologic Restoration (BA-02) 2010 Maintenance Project

Mail To:

Office of State Purchasing - Division of Administration
 State of Louisiana
 Attn: Hilary Stephenson
 P.O. Box 94095
 Baton Rouge, LA 70804-9095

BASE BID						
ITEM No.	ITEM	UNIT	QUANTITY ¹	UNIT PRICE ²		EXTENDED PRICE ²
				USING WORDS	USING NUMBERS	
1.	Mobilization and Demobilization	Lump Sum	1	One Hundred Ten Thousand, Two Hundred Forty Six Dollars Forty-Eight Cents	\$110,246.48	\$110,246.48
2.	Construction Surveys	Lump Sum	1	Two Hundred Five Thousand, Four Hundred Fifty-Three Dollars Ninety-Five Cents	\$205,453.95	\$205,453.95
3.	Access and Flootation Channels	Lump Sum	1	Fifty-Two Thousand, One Hundred Thirty Dollars Forty-One Cents	\$52,130.41	\$52,130.41
4.	Breach Repairs	Lump Sum	1	Fifty Four Thousand, Five Hundred Fifty One Dollars Ninety-Three Cents	\$54,551.93	\$54,551.93
5.	Temporary Warning Signs & Lights	Each	5	Three Thousand Six Hundred Seventy-Six Dollars Seventy-Nine Cents	\$3,676.79	\$18,383.95
6.	Structure 14A - Type V Navigational Aid Substructure & Sign Replacement <i>(Including re-installation of existing navigational lights)</i>	Lump Sum	1	Seventy-Six Thousand, Three Hundred Twenty-Three Dollars Eight Cents	\$76,323.08	\$76,323.08

CHANGE ORDER NO. 1

BASE BID						
ITEM No.	ITEM	UNIT	QUANTITY ¹	USING WORDS	USING NUMBERS	EXTENDED PRICE ²
7.	Structure 1, 4 and 91 - Type III and V Navigational Aid Substructure & Sign Replacement	Lump Sum	1	Seventy-Six Thousand, Four Hundred Thirty-Eight Dollars Seventeen Cents	\$76,438.17	\$76,438.17
8.	10 lb Riprap	Tons	2,600	Sixty-Seven Dollars Twenty-Six Cents	\$67.26	\$174,876.00
9.	130 lb Riprap	Tons	18,430	Sixty-Six Dollars Thirty-Eight Cents	\$66.38	\$1,223,383.40
9a.	130 lb Riprap (Rock Shoreline Protection Between Site 4 and Site 4A/B)	Tons	6,570	Sixty-Six Dollars Thirty-Eight Cents	\$66.38	\$436,116.60
10.	250 lb Riprap	Tons	4,200	Seventy-One Dollars Eighty Cents	\$71.80	\$301,560.00
11.	Woven Geotextile Fabric	Square Yard	5,300	Three Dollars Fifty-Four Cents	\$3.54	\$18,762.00
12.	Reimbursement of Cost to Shut-Down Energy Transmission Line, Including 20' Safety Zone of No Construction	Each	4	Allowance of Twenty Thousand Dollars No Cents	Allowance of \$20,000.00	\$20,000.00
TOTAL AMOUNT OF BASE BID - CHANGE ORDER NO. 1: <u>Two Million, Seven Hundred Sixty-Eight Thousand, Two Hundred Twenty-Five</u> Dollars <u>Ninety-Seven</u> Cents (using words)						

CHANGE ORDER NO. 1

ALTERNATE No. 1 (Recapping of Lake Rim Station 56+55 to Station 106+53)

ITEM No.	ITEM	UNIT	QUANTITY ¹	UNIT PRICE ²		EXTENDED PRICE ²
				USING WORDS	USING NUMBERS	
A1.	130 lb Riprap	Tons	5,400	Sixty-Four Dollars Ninety-Four Cents	\$64.94	\$350,676.00
TOTAL AMOUNT OF ALTERNATE 1 - CHANGE ORDER NO. 1: Three Hundred Fifty Thousand, Six Hundred Seventy-Six Dollars and No Cents (using words)						

TOTAL AMOUNT OF BASE BID PLUS ALTERNATE 1 - CHANGE ORDER NO. 1: Three Million, One Hundred Eighteen Thousand, Nine Hundred One Dollars Ninety-Seven Cents
 (using words)

1. Where the quantity of Work with respect to any item is covered by a unit price, such quantities are estimated quantities to be used when comparing bids and the right is reserved by the Owner to increase/decrease such quantities as may be necessary to complete the Work and/or remain within the funding limits. In the event of material underruns/overruns, the unit costs will be used to determine payment to the Contractor.
2. Items must be completed by the bidder. The completed sheet must be attached to the bid submitted to the Office of State Purchasing in order for the bid to be considered. The low Bidder will be determined on the basis of the Base Bid and any Alternates accepted.
3. Mobilization and Demobilization shall include all appropriate costs associated with constructing all features listed in the Specifications and/or shown in the Plans.



19218 North 5th Street · Covington, LA 70433
Phone (985) 871-7472 · Fax (985) 871-1072
www.DQSI.com

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

March 12, 2012

Submittal

Revised Powerline Shutdown Plan

PROJECT (BA-02)

Submitted To:
Providence/GSE
GSE Associates, LLC
991 Grand Caillou Road
Houma, Louisiana 70363

Contractor:
DQSI LLC (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

DQSI

Approved
Approved with corrections as noted on
Submittal data and/or sheet(s)

SIGNATURE: _____

TITLE: _____

DATE: _____

[Handwritten signature]
[Handwritten initials]
[Handwritten date: 3/12/2012]



Project No. 621-004-GSE

February 13, 2012

Providence/GSE
GSE Associates, LLC
Attn: Richard Lottinger
991 Grand Caillou Road
Houma, LA 70363

Re: DNR Contract No. 2503-12-23
GIWW/ Clovelly Hydrologic Restoration (BA-02)
2010 Maintenance Project
Lafourche Parish, Louisiana

Subject: Work plan for maintaining a twenty (20) foot safety zone adjacent Entergy's power line:

The purpose of this plan is to determine how many times during the project, DQSI will have to request that Entergy power down their transmission line that crosses our limits of work on the referenced project.

Structure #4 and the New Rock Dike Extension:

It is our intention to begin construction on the North end of Structure 4A/B with the 130# rip rap with Excavator #1 and the North end of the New Rock Dike Extension with the 10# rip rap with Excavator #2 simultaneously (Figure A below). On March 5, 2012 at approximately 7:00am, Entergy will shut down its transmission line and we will proceed to move one excavator under the line to the landward side. Upon arrival on the landward side of the line, one excavator will be utilized until the work building the New Rock Dike Structure and recapping structure #4 is complete. Once complete, we will then request Entergy power down their line for a second time so that the excavator can safely pass under the transmission line.

For safety reasons, DQSI would like to propose that we leave a gap underneath the transmission line that crosses the New Rock Dike Extension in lieu of building the fish dips as is called for in the plans. The size of the gap would be determined by how close we can work to the power lines without encroaching on the Twenty (20) foot safety zone.

Structure #2:

Structure #2 is also on the landward side of the power line as shown in the attached photos. We will utilize one excavator to do the work at that location. We will require a third shutdown to allow us to access the site and a fourth once Structure #2 is to grade.

Mississippi Office

John C. Stennis Space Center
Building 1103 Room 147C · Stennis Space Center, MS 39529
Phone: (228) 688-3796 · Fax: (228) 688-6184

New Orleans Office

Center for Energy Resource Management
2045 Lakeshore Drive – Suite 213 · New Orleans, LA 70122
Phone: (504) 280-4080



19218 North 5th Street · Covington, LA 70433
Phone (985) 871-7472 · Fax (985) 871-1072
www.DQSI.com

Recapping:

Our specifications require us to allow for thirty (30) days of settlement and thus may require four (4) additional shutdowns to access both sites one more time.

Cost:

DQSI will accrue costs based on number of outages, time of outages, and Entergy personnel utilized to shut power down. At this time, DQSI is unable to predict the total cost of the necessary power outages or the frequency. Entergy has estimated the cost at \$5000.00 per shut down.

In Summary:

In order to complete the referenced project and work in a safe manner maintaining a twenty (20) foot buffer zone around Entergy's transmission line, we will require Entergy to shut down their transmission line a minimum of four (4) times and could possibly need to shut it down as many as eight (8) times. Additionally, we would like to recommend removing the fish dips from the New Rock Dike Extension and as an alternative, recommend leaving as small a gap in the dike as possible to avoid working within the twenty (20) foot buffer zone.

DQSI would like to request an equitable adjustment to the contract amount to cover the cost of the required outages as they are needed.

Very Respectfully,

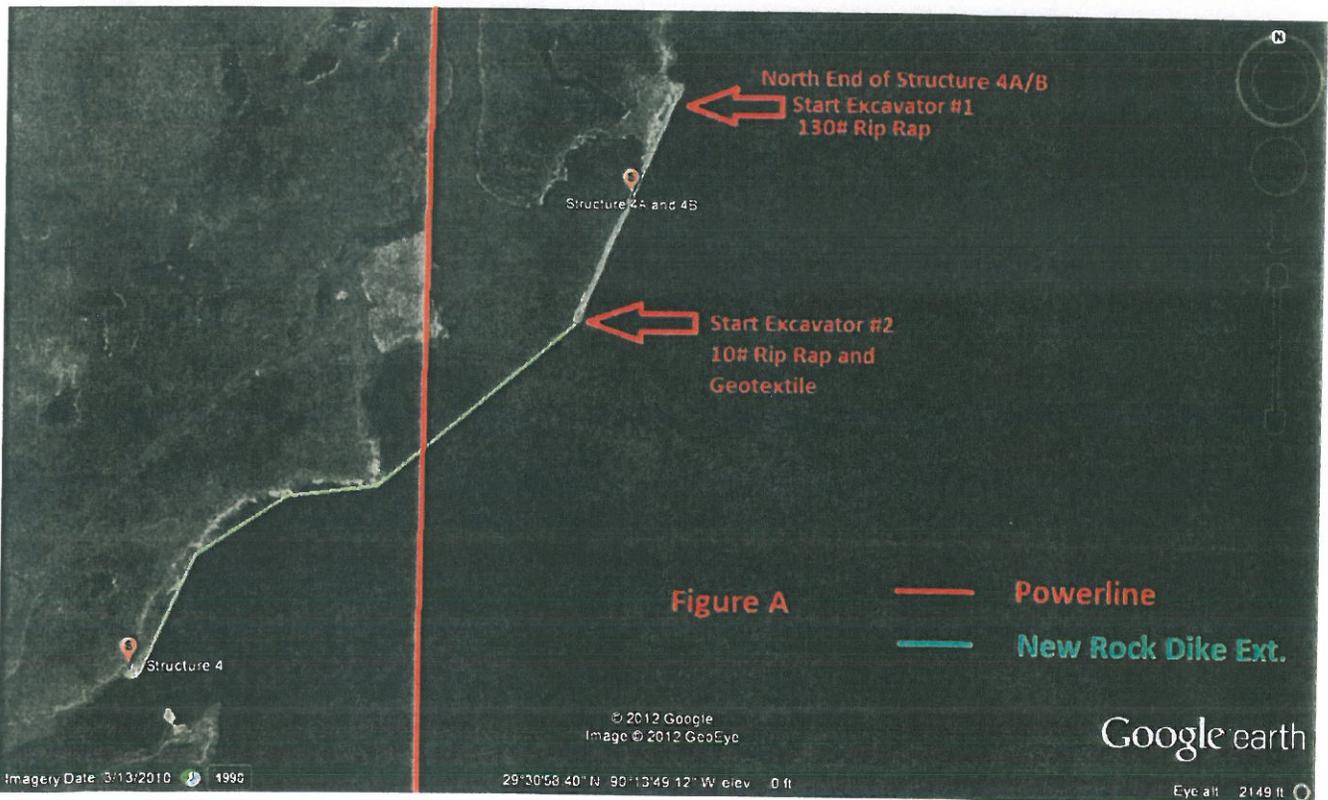
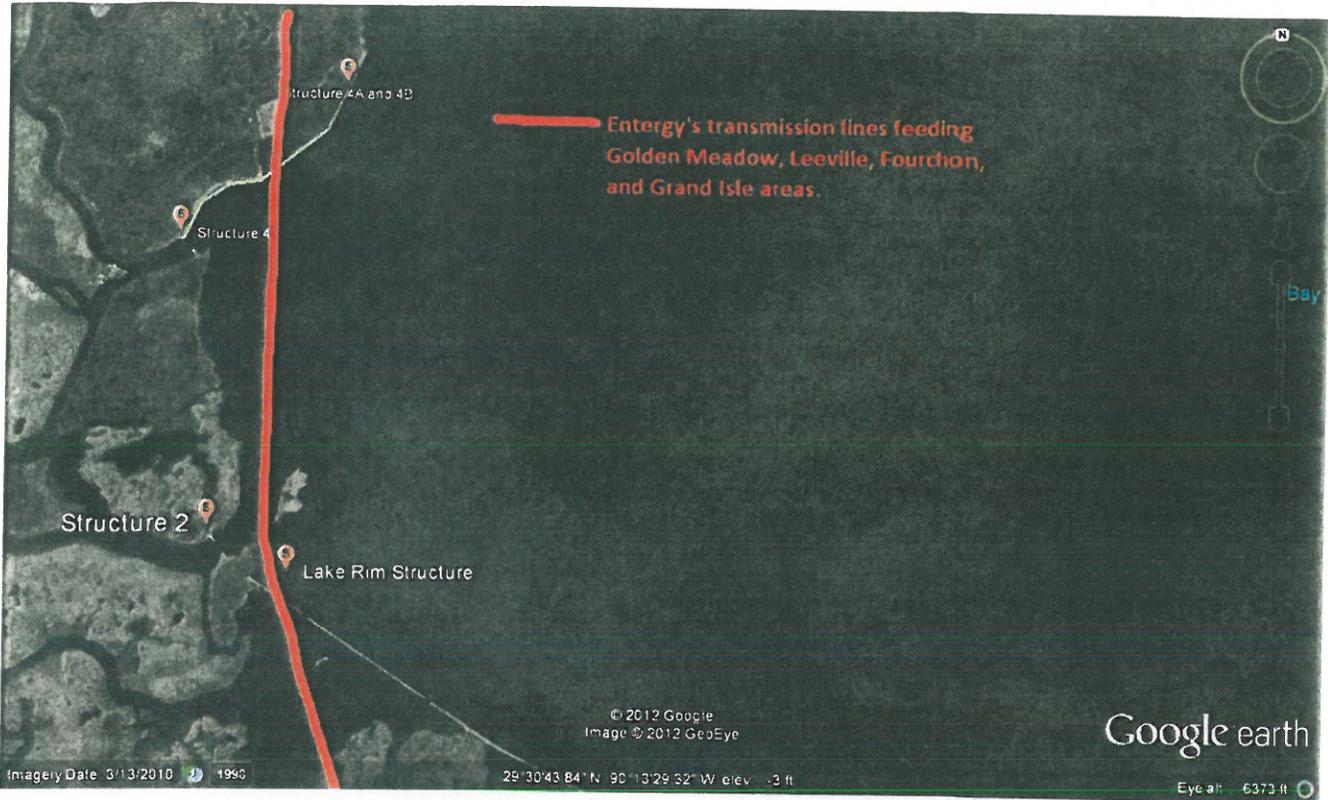
Eric M. Bourg
Project Manager
DQSI, LLC.

Mississippi Office

John C. Stennis Space Center
Building 1103 Room 147C · Stennis Space Center, MS 39529
Phone: (228) 688-3796 · Fax: (228) 688-6184

New Orleans Office

Center for Energy Resource Management
2045 Lakeshore Drive – Suite 213 · New Orleans, LA 70122
Phone: (504) 280-4080





Mississippi Office

John C. Stennis Space Center
Building 1103 Room 147C · Stennis Space Center, MS 39529
Phone: (228) 688-3796 · Fax: (228) 688-6184

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Phone: (504) 280-4080

Temporary Outage Agreement

THIS TEMPORARY OUTAGE AGREEMENT is made and entered into on February 15, 2012 by and between DQSI, LLC (for purposes of this Outage Agreement "Customer") and Entergy Louisiana LLC, ("Entergy").

1. Customer is performing construction work for a third party under an agreement or agreements to which Entergy is not a party. To accomplish its work for that third party Customer desires one or more temporary outages including that set forth below (which may include, without limitation, temporary de-energization and grounding; temporary relocation or raising of the lines; or by other means) of the Entergy electrical distribution or transmission line[s] identified as Little Gypsy to Madisonville (the "Affected Electric Facilities") for the following purpose (the "Construction Project"):

To pass barge and machinery underneath a low hanging transmission line.

Customer's construction project commenced on November 18, 2011 and is estimated to continue until May 16, 2012, and hereby requests an initial de-energization as set forth below.

2. **Initial De-energization.** Date on which Entergy's facilities will be de-energized: March 5, 2012
3. **Re-energization.** Date on which Entergy's facilities will be re-energized: March 5, 2012
4. For all future outage requests, Customer agrees to provide Entergy a minimum of six (6) weeks' notice before beginning any work requiring a temporary outage.
5. Within thirty (30) days of invoicing therefore, Customer shall pay Entergy all costs incurred by Entergy in connection with each temporary outage including, but not limited to, labor costs, labor cost adders, material, equipment, costs associated with third party vendors, taxes and overheads (the "Reimbursable Costs"). Such invoices may be estimated and sent in advance, and Customer shall pay any difference between estimated and actual costs, or be credited such difference, as applicable.
6. Entergy may postpone or interrupt de-energization as it deems necessary in its sole discretion. Entergy will reschedule, upon agreement by both parties in writing. Starting times for all outages will be at approximately 5:00 am on the date specified above for de-energization, and will be re-energized at approximately 5:00 pm on the date specified above for re-energization. If Entergy postpones the de-energization, then Entergy will contact Customer at the telephone and mobile phone numbers listed below. If Customer does not answer, Entergy will leave a message to the effect that the de-energization will be postponed. Entergy shall have no liability to Customer or any other person or entity for postponement, regardless of the reason.
7. **Further to the above stated provisions,** Customer acknowledges and agrees that if conditions arise that Entergy in its sole discretion deems to adversely affect the safety and/or reliability of Entergy's electrical system, including but not limited to its ability to provide electric service to its customers, and if putting the Affected Electric Facilities back into service is deemed by Entergy in its sole discretion to be necessary to remove or mitigate such adverse effect, then, Entergy may, upon not less than 2 hours prior

notice to Customer, put the Affected Electric Facilities back into service by means it deems reasonable. Upon receipt of such notice, Customer will immediately take all actions necessary (including suspending its work) to remove and protect equipment and persons from the Affected Electric Facilities before they are energized. Following the abatement of the adverse conditions, Entergy will provide a temporary outage of the Affected Electric Facilities, at its expense. In no event shall Entergy be liable in contract, in tort (including negligence), or otherwise under any legal theory or provision to Customer, its agents, representatives, its affiliated and associated companies, and/or its successors or assigns, for any incidental or consequential loss or damage whatsoever, including, but not limited to, loss of profits or revenue on work not performed, for loss of use of or under-utilization of the Customer's facilities, equipment or personnel, or loss of use of revenues or loss of anticipated profits arising out of or related to Entergy's exercising its rights hereunder.

8. Customer acknowledges that Entergy is subject to certain regulatory fines and/or penalties arising out of or that may arise out of Entergy's not maintaining the reliability of its electrical system. Customer shall pay Entergy any Reimbursable Costs arising out of or related to Entergy being unable to put the Affected Electric Facilities back into service by the end of the requested temporary outage period. In addition to Reimbursable Costs, Customer shall pay Entergy any and all costs, fees or damages, including but not limited to such regulatory fines and/or penalties, arising out of or related to Entergy's being unable to return the Affected Electric Facilities back into service during the term of this Outage Agreement or at the end of the requested temporary outage period, to the extent that such inability arises out of or is related to Customer's negligence or other fault, including but not limited to breach of any term of this Outage Agreement.
9. The Customer shall, to the fullest extent allowed by applicable law, indemnify, protect and hold harmless Entergy and its affiliates and their contractors, and each of their officers, directors, control persons, employees, agents and representatives (the "Indemnitees") from and against any and all losses, damages, including consequential, incidental and punitive damages, claims, liabilities, costs and expenses (including, without limitation, demands, fines, remediation costs, penalties, attorneys' fees, court costs, legal, accounting, consulting, engineering and other expenses) that may be imposed on, incurred by, or asserted against the Indemnitees or any of them by any party or parties (including, without limitation, a governmental entity), caused by, arising from, relating to or in connection with, in whole or in part, directly or indirectly the Customer or Customer's representatives' act, omission, performance, or failure to perform any part of this Agreement. THIS INDEMNITY SHALL APPLY EVEN IN THE EVENT OF THE CONCURRENT NEGLIGENCE, ACTIVE OR PASSIVE, OF INDEMNITEES, OR ANY OR ALL OF THEM. Indemnities may require the Customer to defend all suits or claims concerning the foregoing. The Customer hereby releases the Indemnitees from any and all liability to the Customer in connection with Entergy's performance of this Agreement.
10. The laws of the State of Louisiana (without giving effect to its conflict of law principles) govern all matters arising out of or relating to this agreement, including but not limited to the Louisiana Overhead Power Line Safety Act, La. R. S. 45:141 through 146. Customer agrees to follow all regulations of the U. S. Occupational Safety and Health Administration applicable to the Construction Project, including but not limited to 29 C. F. R. 1926 regarding the operation of cranes and derricks in connection with the Construction Project. Customer and Entergy reserve and may seek any and all remedies and relief available at law. Neither Customer nor Entergy shall be deemed to have waived any rights or remedies at law by virtue of executing this agreement.

Enter Company Name

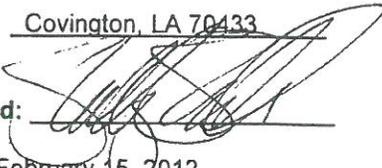
DQSI, LLC

By: Shelly Stubbs, Ph. D.

Title: Member – President & CEO

Address: 19218 North 5th Street

Covington, LA 70433

Approved: 

Date: February 15, 2012

Email address: shelly@dqsi.com

Enter Company Name

ENTERGY New Orleans Inc.

By: Phillip R. Moore

Title: MGR: LA Transmission Lines

Address: 9585 Pecue Lane

Baton Rouge, La 70810

Approved: _____

Date: _____

Customer Job Site Contact(s):

Name: Frank Foxworth

Office Phone: _____

Mobile Phone: 985-237-2499

Name: Kenny Soulant

Office Phone: _____

Mobile Phone: 985-867-0406

Entergy Outage Coordinator Contact(s):

Name: Jimmy Sholar

Office Phone: 504-219-4204

Mobile Phone: 504-390-9414

Name: _____

Office Phone: _____

Mobile Phone: _____

Customer's Federal Tax ID #: 72-1416998

Customer's Billing Address: DQSI, LLC

19218 North 5th Street

Covington, LA 70433

Mail this original signed copy to:

Entergy
Atten: Jimmy Sholar
1000 Harimaw Court West
Metairie, LA 70001

From: SHOLAR, JAMES D [<mailto:JSHOLAR@entergy.com>]
Sent: Monday, February 06, 2012 4:42 PM
To: Eric Bourg
Cc: SHOLAR, JAMES D
Subject: DQSI LLC ? ENTERGY

Eric,

This is a brief summary of what was discussed the other day at the Entergy Metairie Transmission Office.

- 1- This is one of Entergy transmission lines feeding customers in the Golden Meadow, Leeville, Fourchon and Grand Isle area.
- 2- Entergy could provide at short outage to allow your equipment to pass under the line. (weather and load permitting)
- 3- Per outage request there is a cost estimated associated with it of \$5,000.00.
- 4- Entergy cannot allow a long outage duration of this line.
- 5- OSHA requires that no one can work within 20ft of an energized line.

Please keep in mind that Entergy is willing to work with you on this but within the means of the integrity of serving the customers of Lafourche Parish.

Thanks,
Jimmy Sholar
Operations Coordinator
Entergy Louisiana, LLC
Entergy New Orleans, Inc.
Southeast Louisiana Transmission Grid
jsholar@entergy.com
Office: Internal 8-569-4204
External 504-219-4204
Cell: 504-390-9414
Fax: 504-219-4301



PROVIDENCE/GSE
GSE ASSOCIATES, LLC

Project No. 621-005-000

June 26, 2012

Ms. Shelly Stubbs
DQSI, LLC
19218 North 5th Street
Covington, LA 70433

Re: DNR Contract No. 2503-12-23
File Number S 28105 DL, P.O. Number 3768560
GIWW/Clovelly Hydrologic Restoration (BA-02)
2010 Maintenance Project
Lafourche Parish, Louisiana

Dear Ms. Stubbs:

Attached for your files is your copy of approved Change Order No's. 2 and 3 for the referenced project.

Should you have any questions or require additional information, please contact me at 991 Grand Caillou Road, Houma, Louisiana, 70363, phone number (985) 876-6380, fax number (985) 876-0621.

Sincerely,

Providence/GSE
GSE Associates, LLC

Richard L. Lottinger

RLL/dbp

Attachment

cc: Mr. Adam Ledet, OCPR Task Manager, Louisiana Department of Natural Resources

Contract Time Prior to This Change Order..... 180 days - May 16, 2012
(Days or Date)
Net (Increase) (~~Decrease~~) Resulting from This Change Order 1 day
(Days)
Current Contract Time Including This Change Order..... 181 days - May 17, 2012
(Days or Date)

The Above Changes Are Approved:

GSE Associates, LLC
ENGINEER
By *Robert E. Williams, Jr.*
Dated *4/26*, 2012

Contractor acknowledges that the values set forth in this change order include any and all claims for additional compensation due to equitable adjustment resulting from any addition, deletion or revision in the Work, or changes in contract time.

The Above Changes Are Accepted:

DQSI, LLC
CONTRACTOR
By *[Signature]*
Dated *5/1*, 2012



19218 North 5th Street · Covington, LA 70433
Phone (985) 871-7472 · Fax (985) 871-1072
www.DQSI.com

Project No. 621-004-GSE

April 23, 2012

Providence/GSE
GSE Associates, LLC
Attn: Phil Schexnyder
991 Grand Caillou Road
Houma, LA 70363

Re: DNR Contract No. 2503-12-23
GIWW/ Clovelly Hydrologic Restoration (BA-02)
2010 Maintenance Project
Lafourche Parish, Louisiana

Subject: Cost Breakdown to Install Permanent Warning Signs at Fish Dips for New Rock Dike Extension

As discussed in our Status Meeting on February 18, 2012, DQSI, LLC would like to submit the attached spreadsheet as our price breakdown to install two (2) permanent warning signs on the reference project. It is our intention to reuse the forty foot pilings and 3/4" plywood signs that are now marking the temporary spoils and place them center of each fish dip, adjacent the new rock dike extension, once the temporary spoils are replaced and the warning signs are removed.

Thank you,

A handwritten signature in black ink, appearing to read 'Eric M. Bourg', written over a horizontal line.

Eric M. Bourg
Project Manager
DQSI, LLC.

Att: spreadsheet

Mississippi Office

John C. Stennis Space Center
Building 1103 Room 147C · Stennis Space Center, MS 39529
Phone: (228) 688-3796 · Fax: (228) 688-6184

New Orleans Office

Center for Energy Resource Management
2045 Lakeshore Drive – Suite 213 · New Orleans, LA 70122
Phone: (504) 280-4080



Project: GIWW to Clovelly Hydrologic Restoration Maintenance Project (BA-02)
Relocate Temporary Warning Signs Adjacent New Rock Dike Extension

8.75% 15.00% 33.00% 7.00% 9.00% 6.65%

	Quantity	Unit	Unit Price	Extended Price	Tax	Subcontractor OH&P	Prime Fringe	Prime Overhead	Prime G & A	Prime Profit	Total Cost
Labor											
Superintendent	10.0	Hrs	\$ 317.40	\$ 317.40			\$ 104.74	\$ 29.55	\$ 40.65	\$ 32.74	\$ 525.09
Per Diem	1.0	Days	\$ 50.00	\$ 50.00				\$ 3.50	\$ 4.82	\$ 3.88	\$ 62.19
Quality Control Manager	10.0	Hrs	\$ 27.89	\$ 278.90			\$ 92.04	\$ 25.97	\$ 35.72	\$ 28.77	\$ 461.39
Per Diem	1.0	Days	\$ 50.00	\$ 50.00				\$ 3.50	\$ 4.82	\$ 3.88	\$ 62.19
Operator	10.0	Hrs	\$ 20.00	\$ 200.00			\$ 66.00	\$ 18.62	\$ 25.62	\$ 20.63	\$ 330.87
Per Diem	1.0	Days	\$ 50.00	\$ 50.00				\$ 3.50	\$ 4.82	\$ 3.88	\$ 62.19
Laborer	10.0	Hrs	\$ 21.00	\$ 210.00			\$ 69.30	\$ 19.55	\$ 26.90	\$ 21.66	\$ 347.41
Per Diem	1.0	Days	\$ 50.00	\$ 50.00				\$ 3.50	\$ 4.82	\$ 3.88	\$ 62.19
Equipment											
Crew Boat	1.0	DAYS	\$ 395.00	\$ 395.00				\$ 27.65	\$ 38.04	\$ 30.64	\$ 491.32
Inspector's Boat	1.0	DAYS	\$ 395.00	\$ 395.00				\$ 27.65	\$ 38.04	\$ 30.64	\$ 491.32
Spud Barge	1.0	DAYS	\$ 225.00	\$ 225.00	\$ 19.69			\$ 17.13	\$ 23.56	\$ 18.98	\$ 304.36
Excavator	1.0	DAYS	\$ 241.70	\$ 241.70	\$ 21.15			\$ 18.40	\$ 25.31	\$ 20.39	\$ 326.95
Portable Toilets (2)	1.0	DAYS	\$ 8.33	\$ 8.33	\$ 0.73			\$ 0.63	\$ 0.87	\$ 0.70	\$ 11.27
Hand Wash Station	1.0	DAYS	\$ 3.67	\$ 3.67	\$ 0.32			\$ 0.28	\$ 0.38	\$ 0.31	\$ 4.96
Fuel and Maintenance	10.0	HRS	\$ 25.75	\$ 257.50	\$ 22.53			\$ 19.60	\$ 26.97	\$ 21.72	\$ 348.32
Dock Rental	1.0	DAYS	\$ 15.00	\$ 15.00	\$ 1.31			\$ 1.14	\$ 1.57	\$ 1.27	\$ 20.29
Consumables											
Pillings (Reused)	2.0	Ea	\$ 300.00	\$ 600.00				\$ 42.00	\$ 57.78	\$ 46.54	\$ 746.32
Hardware	1.0	LS	\$ 100.00	\$ 100.00	\$ 8.75			\$ 7.61	\$ 10.47	\$ 8.43	\$ 135.27
											Subtotal
											Bond
											Total
											Subtotal
											Bond
											Total
											\$ 4,793.91
											\$ 37.39
											\$ 4,831.30

CHANGE ORDER NO. 2
SCHEDULE OF BID ITEMS
 GIWW to Clovelly Hydrologic Restoration (BA-02) 2010 Maintenance Project

Mail To:
 Office of State Purchasing - Division of Administration
 State of Louisiana
 Attn: Hilary Stephenson
 P.O. Box 94095
 Baton Rouge, LA 70804-9095

BASE BID						
ITEM No.	ITEM	UNIT	QUANTITY ¹	UNIT PRICE ²		EXTENDED PRICE ²
				USING WORDS	USING NUMBERS	
1.	Mobilization and Demobilization	Lump Sum	1	One Hundred Ten Thousand, Two Hundred Forty Six Dollars Forty-Eight Cents	\$110,246.48	\$110,246.48
2.	Construction Surveys	Lump Sum	1	Two Hundred Five Thousand, Four Hundred Fifty-Three Dollars Ninety-Five Cents	\$205,453.95	\$205,453.95
3.	Access and Floatation Channels	Lump Sum	1	Fifty-Two Thousand, One Hundred Thirty Dollars Forty-One Cents	\$52,130.41	\$52,130.41
4.	Breach Repairs	Lump Sum	1	Fifty Four Thousand, Five Hundred Fifty One Dollars Ninety-Three Cents	\$54,551.93	\$54,551.93
5.	Temporary Warning Signs & Lights	Each	5	Three Thousand Six Hundred Seventy-Six Dollars Seventy-Nine Cents	\$3,676.79	\$18,383.95
6.	Structure 14A - Type V Navigational Aid Substructure & Sign Replacement <i>(Including re-installation of existing navigational lights)</i>	Lump Sum	1	Seventy-Six Thousand, Three Hundred Twenty-Three Dollars Eight Cents	\$76,323.08	\$76,323.08

CHANGE ORDER NO. 2

BASE BID						
ITEM No.	ITEM	UNIT	QUANTITY ¹	UNIT PRICE ²		EXTENDED PRICE ²
				USING WORDS	USING NUMBERS	USING NUMBERS
7.	Structure 1, 4 and 91 - Type III and V Navigational Aid Substructure & Sign Replacement	Lump Sum	1	<u>Seventy-Six Thousand, Four Hundred Thirty-Eight Dollars</u> <u>Seventeen Cents</u>	\$76,438.17	\$76,438.17
8.	10 lb Riprap	Tons	2,600	<u>Sixty-Seven Dollars</u> <u>Twenty-Six Cents</u>	\$67.26	\$174,876.00
9.	130 lb Riprap	Tons	18,430	<u>Sixty-Six Dollars</u> <u>Thirty-Eight Cents</u>	\$66.38	\$1,223,383.40
9a.	130 lb Riprap (Rock Shoreline Protection Between Site 4 and Site 4A/B)	Tons	6,570	<u>Sixty-Six Dollars</u> <u>Thirty-Eight Cents</u>	\$66.38	\$436,116.60
10.	250 lb Riprap	Tons	4,200	<u>Seventy-One Dollars</u> <u>Eighty Cents</u>	\$71.80	\$301,560.00
11.	Woven Geotextile Fabric	Square Yard	5,300	<u>Three Dollars</u> <u>Fifty-Four Cents</u>	\$3.54	\$18,762.00
12.	Reimbursement of Cost to Shut-Down Entergy Transmission Line, Including 20' Safety Zone of No Construction	Each	4	Allowance of <u>Twenty Thousand Dollars</u> <u>No Cents</u>	Allowance of \$20,000.00	\$20,000.00
13.	Install Two Permanent Warning Signs. One Each at the Center of Each Fish Dip	Lump Sum	1	<u>Four Thousand, Eight Hundred thirty- One Dollars</u> <u>Thirty Cents</u>	\$4,831.30	\$4,831.30
TOTAL AMOUNT OF BASE BID - CHANGE ORDER NO. 2: <u>Two Million, Seven Hundred Seventy-Three Thousand, Fifty-Seven</u> Dollars and <u>Twenty-Seven</u> Cents (using words)						

CHANGE ORDER NO. 2

ALTERNATE No. 1 (Recapping of Lake Rim Station 56+55 to Station 106+53)

ITEM No.	ITEM	UNIT	QUANTITY ¹	UNIT PRICE ²		EXTENDED PRICE ²
				USING WORDS	USING NUMBERS	
A1.	130 lb Riprap	Tons	5,400	Sixty-Four Dollars Ninety-Four Cents	\$64.94	\$350,676.00

TOTAL AMOUNT OF ALTERNATE 1 - CHANGE ORDER NO. 1: Three Hundred Fifty Thousand, Six Hundred Seventy-Six Dollars and No Cents
(using words)

TOTAL AMOUNT OF BASE BID PLUS ALTERNATE 1 - CHANGE ORDER NO. 2: Three Million, One Hundred Twenty-Three Thousand, Seven Hundred Thirty-Three Dollars and
Twenty-Seven Cents
(using words)

1. Where the quantity of Work with respect to any item is covered by a unit price, such quantities are estimated quantities to be used when comparing bids and the right is reserved by the Owner to increase/decrease such quantities as may be necessary to complete the Work and/or remain within the funding limits. In the event of material underruns/overruns, the unit costs will be used to determine payment to the Contractor.
2. Items must be completed by the bidder. The completed sheet must be attached to the bid submitted to the Office of State Purchasing in order for the bid to be considered. The low Bidder will be determined on the basis of the Base Bid and any Alternates accepted.
3. Mobilization and Demobilization shall include all appropriate costs associated with constructing all features listed in the Specifications and/or shown in the Plans.

RECEIVED
 NATURAL RE
 PURCHA
 2012 JUN 20 PM



ORDER CHANGE

COPY

STATE OF LOUISIANA
 OFFICE OF STATE PURCHASING
 STATE PURCHASE ORDER (FRM REQ)

CHANGE NUMBER 03	DATE PRINTED 06/13/12	ORDER NUMBER 3788560
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VENDOR NAME, STREET, CITY, STATE, ZIP CODE DQSI LLC 19218 NORTH 5TH ST COVINGTON, LA 70433		ALL TERMS AND CONDITIONS IN THE SOLICITATION ARE PART OF THIS ORDER AS IF FULLY REPRODUCED HEREIN.	
		FILE NUMBER: S28105DL PURCHASING AGENCY NO.: 107001	FY: 12
BILL TO: OFFICE OF COASTAL PROTECTION AND RE OCPR-ACCOUNTING POBOX 44027 DIANE RENEE MCKEE BATON ROUGE, LA 70804-4027		ADDRESS ALL INQUIRIES AND CORRESPONDENCE TO: HILARY STEPHENSON (225)342 8022	
		SHIP FOB DESTINATION TO: (UNLESS SPECIFIED ELSEWHERE) OFFICE OF COASTAL PROTECTION AND RE OCPR-CONSTRUCTION PROJECT MANAGER PROJECT SITE, LA 00000	
		CONTACT FOR DELIVERY INSTRUCTIONS (NAME, TELEPHONE) BRIAN BABIN / SUSAN LAMBERT (985)447-0956-7310	

VENDOR NO. 721416998-00	AWARD CODE 1	SOLIC CODE I	BUYER CODE D	COMPL CODE P	ISIS REQ NUMBER 1340369	AGENCY REQ NUMBER CED120002	SOLICIT NUMBER 2245524	CONTRACT NUMBER	REQ AGENCY: 109002 OFFICE OF STATE PURCHASING COASTAL PROTECTION AND RESTORATION
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PROMPT PAYMENT TERMS NONE	DELIVERY TERMS/FOB POINT AS SPECIFIED DESTINATION	TOTAL AMOUNT OF THIS CHANGE \$ 0.00	TYPE OF CHANGE INCREASE FUNDS	NET ORDER AMOUNT \$ 3123733.27
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LINE NO.	COMMODITY/SERVICE DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
00001	COMMODITY CODE: 962-73-000000 DELIVERY TERMS: SEE HEADER PAGE FURNISH ALL MATERIAL, LABOR, SUPPLIES, TOOLS AND EQUIPMENT NECESSARY FOR GIWW TO CLOVELLY 2010 MAINTENANCE LAFOURCHE PARISH SCOPE: THE CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT, & MATERIALS NECESSARY TO PERFORM THE WORK. THE WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE BID DOCUMENT SPECIFICATIONS & IN CONFORMITY TO LINE GRADE ELEVATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. LOCATION: THE PROJECT SITES ARE LOCATED IN BARATARIA BASIN NEAR THE GULF INTRA-INTRACOASTAL WATERWAY AND NORTH OF SUPERIOR CANAL FROM BAY L'OURS IN LAFOURCHE PARISH. THE PROJECT SITE IS ACCESSIBLE BY THE LAFOURCHE PARISH PUBLIC BOAT LAUNCH LOCATED ON E. 36TH ST.	1	JOB	2662785.37	2662785.37

APPROVED: Hilary Stephenson
 DENISE LEA
 DIRECTOR OF STATE PURCHASING

ATTACHMENT TEXT

INCREASE FUNDS

NUMBER : 3768560
VENDOR NUMBER: 721416998-00

VENDOR: DQSI LLC

PAGE
3

TO PROCESS A 12 DAY NO COST TIME EXTENSION. REVISED COMPLETION
DATE IS 193 DAYS, MAY 29, 2012.



ORDER CHANGE

STATE OF LOUISIANA
OFFICE OF STATE PURCHASING
STATE PURCHASE ORDER (FRM REQ)

CHANGE NUMBER	DATE PRINTED	ORDER NUMBER
02	05/17/12	3768560

VENDOR NAME, STREET, CITY, STATE, ZIP CODE DQSI LLC 19218 NORTH 5TH ST COVINGTON, LA 70433		ALL TERMS AND CONDITIONS IN THE SOLICITATION ARE PART OF THIS, ORDER AS IF FULLY REPRODUCED HEREIN.	
BILL TO: OFFICE OF COASTAL PROTECTION AND RE OCPR-ACCOUNTING POBOX 44027 DIANE RENEE MCKEE BATON ROUGE, LA 70804-4027		FILE NUMBER : \$28105DL PURCHASING AGENCY NO. : 107001	FY: 12
		ADDRESS ALL INQUIRIES AND CORRESPONDENCE TO: HILARY STEPHENSON (225)342 8022	
		SHIP FOB DESTINATION TO: (UNLESS SPECIFIED ELSEWHERE) OFFICE OF COASTAL PROTECTION AND RE OCPR-CONSTRUCTION PROJECT MANAGER PROJECT SITE, LA 00000	
		CONTACT FOR DELIVERY INSTRUCTIONS (NAME, TELEPHONE) BRIAN BABIN / SUSAN LAMBERT (985)447-0956-7310	

VENDOR NO.	AWARD CODE	SOLIC CODE	BUYER CODE	COMPL CODE	ISIS REQ NUMBER	AGENCY REQ NUMBER	SOLICIT NUMBER	CONTRACT NUMBER	REQ AGENCY: 109002
721416998-00	1	I	D	P	1340369	CED120002	2245524		OFFICE OF STATE PURCHASING COASTAL PROTECTION AND RESTORATION

PROMPT PAYMENT TERMS	DELIVERY TERMS/FOB POINT	TOTAL AMOUNT OF THIS CHANGE	TYPE OF CHANGE	NET ORDER AMOUNT
NONE	AS SPECIFIED DESTINATION	\$ 4831.30	INCREASE FUNDS	\$ 3123733.27

LINE NO.	COMMODITY/SERVICE DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
00004 00013	COMMODITY CODE: 962-73-000000 DELIVERY TERMS: SEE HEADER PAGE INSTALL TWO PERMANENT WARNING SIGNS. ONE EACH AT THE CENTER OF EACH FISH DIP.	1	JOB	4831.30	4831.30

APPROVED: *Hilary Stephenson*
 DENISE LEA
 DIRECTOR OF STATE PURCHASING

ATTACHMENT TEXT

INCREASE FUNDS

NUMBER : 3768560
VENDOR NUMBER: 721416998-00

VENDOR: DQSI LLC

PAGE
2

ADDING LINE 13 FOR RELOCATING TEMPORARY WARNING SIGNS PER ATTACHED
AGREEMENTS AND JUSTIFICATIONS.

OFFICE OF COASTAL PROTECTION AND RESTORATION

REQUISITION (Rev 2/10)

RECEIVED
NATURAL RESOURCES
PURCHASING

2012 MAY 17 AM 7:37

TO BE DELIVERED TO: NAME: Renee' McKee ROOM: PHONE: (225)342-0811	ORDER ISSUED TO: DQSI, LLC. PO# 3768560	DATE: May 16, 2012
DIRECT QUESTIONS CONCERNING ORDER TO: Renee' McKee (225) 342-0811 Adam Ledet (985) 449-5105		REQUISITION NO.: CED-120002 Change Order #2
		DESIRED DELIVERY ASAP

CLASS	DESCRIPTION	QTY ORD	UNIT	ITEM NO.	UNIT PRICE	AMOUNT
Change Order #2	GIWW/Clovelly Hydrologic Restoration (BA-02)					
Add line 13	Relocating Temporary Warning Signs	1	LS		\$4831.30	\$4,831.30
Original Contract amount						\$3,098,901.97
CO #1						+ \$20,000.00
CO #2						+ \$4,831.30
New Contract Amount						\$3,123,733.27

2012 MAY 16 PM 3:10
DEPARTMENT OF
NATURAL RESOURCES
FISCAL DIVISION

ITEM #'S	ORG. NO. (Cost Center)	OBJECT	ACTIVITY	REPORTING CAT. (Proj.code)	(Purpose Code) Sub-Object	ORDER TOTAL \$4,831.30
	2511	3655		2F02 ^{KW} 5-1740	03	REQUESTED BY Adam Ledet
						SIGNATURE AGENCY APPROVAL <i>M. Kucher</i>
						FUNDS AVAIL BUDGET APPROVAL <i>[Signature]</i> 5/17/12

The request made above is necessary and in the interest of the general public and the State of La

PLEASE FORWARD TO
PURCHASING FOR PROCESSING



Coastal Protection and
Restoration Authority of Louisiana

State of Louisiana

BOBBY JINDAL
GOVERNOR

RECEIVED

MAY 10 2012

**OCPR
EXECUTIVE**

MEMORANDUM

May 8, 2012

TO: Michelle Klecker, CRP Manager

THROUGH: John Monzon, P.E., Engineer Chief *JM*

THROUGH: Brian Babin, P.E., Engineer Supervisor *BB*

FROM: Adam Ledet, Construction Manager *AML*

SUBJECT: **GIWW/Clovelly Hydrologic Restoration 2012 Maintenance Project (BA-02)
File No. S28105DL; Solicitation No. 2245524; Purchase Order No. 3768560
Change Order No. 2 (Add Item No. 13, Install Two Permanent Warning Signs)**

Enclosed for processing is Change Order No. 2 to amend the contract for the above referenced project. See enclosure for detailed description of change order. The change order will increase the contract price by \$4,831.30 for a revised contract total of \$3,123,733.27. The purpose of the change order is to add Item No. 13 "Install Two Permanent Warning Signs. One Each at the Center of Each Fish Dip". The charge in Item No. 13 is for costs associated with relocating the temporary warning signs to their permanent location. These costs are based on the quoted price by the contractor included in the enclosure. This change order will not cause an increase in contract time. The change order has been recommended and signed by the consulting engineer, Providence Engineering and Environmental, LLC. and accepted and signed by the contractor DQSI, LLC.

Should you have any questions concerning the enclosed change order, please contact me.

Enclosure
Change Order No. 2

Cc: GIWW/Clovelly Hydrologic Restoration 2012 Maintenance Folder w/ attachments

CHANGE ORDER

No. 2

Dated April 26, 2012

DNR Contract No. 2503-12-23

OWNER's P.O. No. 3768560

ENGINEER's Project No. 621-005-GSE

GIWW/Clovelly Hydrologic Restoration (BA-02)
2010 Maintenance Project
Project: Lafourche Parish, Louisiana

CONTRACTOR DQSI, LLC

Contract For Shoreline Protection & Restoration

Contract Date November 4, 2011

To: DQSI, LLC

CONTRACTOR

You are directed to make the changes noted below in the subject Contract:

Office of Coastal Protection and Restoration
OWNER

By

Dated _____, 2012

Nature of the Changes:

Add Contract Item No. 13, Install Two Permanent Warning Signs.
One Each at the Center of Each Fish Dip.

Lump Sum \$4,831.30

Enclosures:

DQSI's letter and Cost Breakdown dated April 23, 2012.
Revised Schedule of Bid Items - Change Order No. 2.

These changes result in the following adjustment of Contract Price and Contract Time:

Contract Price Prior to This Change Order	\$ 3,098,901.97
Net (Increase) (Decrease) Resulting from this Change Order	\$ 4,831.30
Current Contract Price Including This Change Order	\$ 3,123,733.27



19218 North 5th Street · Covington, LA 70433
Phone (985) 871-7472 · Fax (985) 871-1072
www.DQSI.com

Project No. 621-004-GSE

April 23, 2012

Providence/GSE
GSE Associates, LLC
Attn: Phil Schexnyder
991 Grand Caillou Road
Houma, LA 70363

Re: DNR Contract No. 2503-12-23
GIWW/ Clovelly Hydrologic Restoration (BA-02)
2010 Maintenance Project
Lafourche Parish, Louisiana

Subject: Cost Breakdown to Install Permanent Warning Signs at Fish Dips for New Rock Dike Extension

As discussed in our Status Meeting on February 18, 2012, DQSI, LLC would like to submit the attached spreadsheet as our price breakdown to install two (2) permanent warning signs on the reference project. It is our intention to reuse the forty foot pilings and ¾" plywood signs that are now marking the temporary spoils and place them center of each fish dip, adjacent the new rock dike extension, once the temporary spoils are replaced and the warning signs are removed.

Thank you,

A handwritten signature in black ink, appearing to read 'Eric M. Bourg', written over a white background.

Eric M. Bourg
Project Manager
DQSI, LLC.

Att: spreadsheet

Mississippi Office

John C. Stennis Space Center
Building 1103 Room 147C · Stennis Space Center, MS 39529
Phone: (228) 688-3796 · Fax: (228) 688-6184

New Orleans Office

Center for Energy Resource Management
2045 Lakeshore Drive – Suite 213 · New Orleans, LA 70122
Phone: (504) 280-4080

CHANGE ORDER NO. 2

BASE BID						
ITEM No.	ITEM	UNIT	QUANTITY ¹	UNIT PRICE ²		EXTENDED PRICE ²
				USING WORDS	USING NUMBERS	
7.	Structure 1, 4 and 91 - Type III and V Navigational Aid Substructure & Sign Replacement	Lump Sum	1	Seventy-Six Thousand, Four Hundred Thirty-Eight Dollars Seventeen Cents	\$76,438.17	\$76,438.17
8.	10 lb Riprap	Tons	2,600	Sixty-Seven Dollars Twenty-Six Cents	\$67.26	\$174,876.00
9.	130 lb Riprap	Tons	18,430	Sixty-Six Dollars Thirty-Eight Cents	\$66.38	\$1,223,383.40
9a.	130 lb Riprap (Rock Shoreline Protection Between Site 4 and Site 4A/B)	Tons	6,570	Sixty-Six Dollars Thirty-Eight Cents	\$66.38	\$436,116.60
10.	250 lb Riprap	Tons	4,200	Seventy-One Dollars Eighty Cents	\$71.80	\$301,560.00
11.	Woven Geotextile Fabric	Square Yard	5,300	Three Dollars Fifty-Four Cents	\$3.54	\$18,762.00
12.	Reimbursement of Cost to Shut-Down Energy Transmission Line, Including 20' Safety Zone of No Construction	Each	4	Allowance of Twenty Thousand Dollars No Cents	Allowance of \$20,000.00	\$20,000.00
13.	Install Two Permanent Warning Signs, One Each at the Center of Each Fish Dip	Lump Sum	1	Four Thousand, Eight Hundred thirty-One Dollars Thirty Cents	\$4,831.30	\$4,831.30
TOTAL AMOUNT OF BASE BID - CHANGE ORDER NO. 2: <u>Two Million, Seven Hundred Seventy-Three Thousand, Fifty-Seven</u> Dollars and <u>Twenty-Seven</u> Cents (using words)						

CHANGE ORDER NO. 2

ALTERNATE No. 1 (Recapping of Lake Rim Station 56+55 to Station 106+53)

ITEM No.	ITEM	UNIT	QUANTITY ¹	UNIT PRICE ²		EXTENDED PRICE ²
				USING WORDS	USING NUMBERS	
A1.	130 lb Riprap	Tons	5,400	Sixty-Four Dollars Ninety-Four Cents	\$64.94	\$350,676.00

TOTAL AMOUNT OF ALTERNATE 1 - CHANGE ORDER NO. 1: Three Hundred Fifty Thousand, Six Hundred Seventy-Six Dollars and No Cents
(using words)

TOTAL AMOUNT OF BASE BID PLUS ALTERNATE 1 - CHANGE ORDER NO. 2: Three Million, One Hundred Twenty-Three Thousand, Seven Hundred Thirty-Three Dollars and
Twenty-Seven Cents
(using words)

1. Where the quantity of Work with respect to any item is covered by a unit price, such quantities are estimated quantities to be used when comparing bids and the right is reserved by the Owner to increase/decrease such quantities as may be necessary to complete the Work and/or remain within the funding limits. In the event of material underruns/overruns, the unit costs will be used to determine payment to the Contractor.
2. Items must be completed by the bidder. The completed sheet must be attached to the bid submitted to the Office of State Purchasing in order for the bid to be considered. The low Bidder will be determined on the basis of the Base Bid and any Alternates accepted.
3. Mobilization and Demobilization shall include all appropriate costs associated with constructing all features listed in the Specifications and/or shown in the Plans.

CHANGE ORDER

No. 3

Dated May 3, 2012

DNR Contract No. 2503-12-23

OWNER's P.O. No. 3768560

ENGINEER's Project No. 621-005-GSE

GIWW/Clovelly Hydrologic Restoration (BA-02)
2010 Maintenance Project
Project: Lafourche Parish, Louisiana

CONTRACTOR DQSI, LLC

Contract For Shoreline Protection & Restoration

Contract Date November 4, 2011

To: DQSI, LLC

CONTRACTOR

You are directed to make the changes noted below in the subject Contract:

Office of Coastal Protection and Restoration

OWNER

By



Dated

June 20

, 2012

Nature of the Changes:

Twelve (12) calendar day time extension.

Enclosures:

DQSI's letter dated May 2, 2012.

These changes result in the following adjustment of Contract Price and Contract Time:

Contract Price Prior to This Change Order	\$ 3,123,733.27
Net (Increase) (Decrease) Resulting from this Change Order	\$ 0.00
Current Contract Price Including This Change Order	\$ 3,123,733.27

Contract Time Prior to This Change Order 181 days - May 17, 2012
(Days or Date)
Net (Increase) (~~Decrease~~) Resulting from This Change Order 12 day
(Days)
Current Contract Time Including This Change Order 193 days - May 29, 2012
(Days or Date)

The Above Changes Are Approved:

GSE Associates, LLC

ENGINEER

By *Robert E. Will Jr.*

Dated 5/3 , 2012

Contractor acknowledges that the values set forth in this change order include any and all claims for additional compensation due to equitable adjustment resulting from any addition, deletion or revision in the Work, or changes in contract time.

The Above Changes Are Accepted:

DQSI, LLC

CONTRACTOR

By *[Signature]*

Dated 5/15 , 2012



19218 North 5th Street · Covington, LA 70433
Phone (985) 871-7472 · Fax (985) 871-1072
www.DQSI.com

Project No. 621-004-GSE

May 2, 2012

Providence/GSE
GSE Associates, LLC
Attn: Richard Lottinger
991 Grand Caillou Road
Houma, LA 70363

Re: DNR Contract No. 2503-12-2
GIWW/ Clovelly Hydrologic Restoration (BA-02)
2010 Maintenance Project
Lafourche Parish, Louisiana

Subject: Contract days request for extension

As of today May 2, 2012, DQSI is estimating completion of the contract required placement per the design specifications of the 10# and 130# rip rap rock for the base and alternates will be completed by May 6, 2012.

Based on the contract quantity of a 130# rip rap purchased, DQSI estimates that there will be approximately 8000 tons of 130# rip rap remaining. In order to place all of the contract quantity of the 130# rip rap remaining DQSI requests an additional 12 days be added to the end of our contract completion date to place the remaining rip rap.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jeff Arceneaux', written over a light blue horizontal line.

Jeff Arceneaux
Sr. Vice President
DQSI, LLC

Mississippi Office
John C. Stennis Space Center
Building 1103 Room 147C · Stennis Space Center, MS 39529
Phone: (228) 688-3796 · Fax: (228) 688-6184

New Orleans Office
Center for Energy Resource Management
2045 Lakeshore Drive – Suite 213 · New Orleans, LA 70122
Phone: (504) 280-4080



PROVIDENCE/GSE
GSE ASSOCIATES, LLC

Project No. 621-005-000

September 27, 2012

Ms. Shelly Stubbs
DQSI, LLC
19218 North 5th Street
Covington, LA 70433

Re: DNR Contract No. 2503-12-23
File Number S 28105 DL, P.O. Number 3768560
GIWW/Clovelly Hydrologic Restoration (BA-02)
2010 Maintenance Project
Lafourche Parish, Louisiana

Dear Ms. Stubbs:

Attached for your files is your copy of approved Change Order No. 4 (Balancing) for the referenced project.

Should you have any questions or require additional information, please contact me at 991 Grand Caillou Road, Houma, Louisiana, 70363, phone number (985) 876-6380, fax number (985) 876-0621.

Sincerely,

Providence/GSE
GSE Associates, LLC


Phil Schexnayder

PS/md

Attachment

cc: Mr. Adam Ledet, OCPR Task Manager, Louisiana Department of Natural Resources

CHANGE ORDER

No. 4 (Balancing)

Dated July 25, 2012

DNR Contract No. 2503-12-23

OWNER's P.O. No. 3768560

ENGINEER's Project No. 621-005-GSE

GIWW/Clovelly Hydrologic Restoration (BA-02)
2010 Maintenance Project
Project: Lafourche Parish, Louisiana

CONTRACTOR DQSI, LLC

Contract For Shoreline Protection & Restoration

Contract Date November 4, 2011

To: DQSI, LLC

CONTRACTOR

You are directed to make the changes noted below in the subject Contract:

Office of Coastal Protection and Restoration
OWNER

By 

Dated September 26, 2012

Nature of the Changes:

- 1) Three (3) calendar days time extension.
- 2) Adjustment of estimated contract item quantities.

Enclosures:

- 1) DQSI's letter dated June 6 and July 24, 2012.
- 2) Balance Sheet

These changes result in the following adjustment of Contract Price and Contract Time:

Contract Price Prior to This Change Order	\$ 3,123,733.27
Net (Increase) (Decrease) Resulting from this Change Order	\$ 66,899.37
Current Contract Price Including This Change Order	\$ 3,056,833.90

Contract Time Prior to This Change Order 193 days - May 29, 2012
(Days or Date)
Net (Increase) (~~Decrease~~) Resulting from This Change Order 3 days
(Days)
Current Contract Time Including This Change Order 196 days - June 1, 2012
(Days or Date)

The Above Changes Are Approved:

GSE Associates, LLC
ENGINEER
By *Robert E. Williams, Jr.*
Dated *7/25*, 2012

Contractor acknowledges that the values set forth in this change order include any and all claims for additional compensation due to equitable adjustment resulting from any addition, deletion or revision in the Work, or changes in contract time.

The Above Changes Are Accepted:

DQSI, LLC
CONTRACTOR
By *[Signature]*
Dated, 2012

SEP 27 2012

PROJECT: DNR Contract No. 2503-12-23
 GHWW/Clovelly Hydrologic Restoration
 2010 Maintenance Project
 Lafourche Parish, Louisiana
 July 25, 2012

Project No. 621-005

BALANCING CHANGE ORDER

ITEM NO.	DESCRIPTION	UNIT	CONTRACT QUANTITY	FINAL QUANTITY	DIFFERENCE	UNIT PRICE	UNDERRUN	OVERRUN	TOTAL CONTRACT
1	Mobilization and Demobilization	L.S.	L.S.	L.S.	0.00	\$110,246.48			\$ 110,246.48
2	Construction Surveys	L.S.	L.S.	L.S.	0.00	\$205,453.95			\$ 205,453.95
3	Access and Floatation Channels	L.S.	L.S.	L.S.	0.00	\$ 52,130.41			\$ 52,130.41
4	Breach Repairs	L.S.	L.S.	L.S.	0.00	\$ 54,551.93			\$ 54,551.93
5	Temporary Warning Signs & Lights	Ea.	5.00	5.00	0.00	\$ 3,676.79			\$ 18,383.95
6	Substructure & Sign Replacement (Including re-installation of existing navigational lights)	L.S.	L.S.	0.00	0.00	\$ 76,323.08			\$ 76,323.08
7	Structure 1, 4 and 91 - Type III and V Navigational Aid Substructure & Sign Replacement	L.S.	L.S.	0.00	0.00	\$ 76,438.17			\$ 76,438.17
8	10 lb. Riprap	Tons	2,600.00	2,664.00	64.00	\$ 67.26		\$ 4,304.64	\$ 179,180.64
9	130 lb. Riprap	Tons	18,430.00	18,223.50	-206.50	\$ 66.38	\$ (13,707.47)		\$ 1,209,675.93
9(A)	130 lb. Riprap (Rock Shoreline Protection Between Site 4 and Site 4A/B)	Tons	6,570.00	3,571.00	-2,999.00	\$ 66.38	\$ (199,073.62)		\$ 237,042.98
10	250 lb. Riprap	Tons	4,200.00	4,611.00	411.00	\$ 71.80		\$ 29,509.80	\$ 331,069.80
11	Woven Geotextile Fabric	S.Y.	5,300.00	4,791.00	-509.00	\$ 3.54	\$ (1,801.86)		\$ 16,960.14
12	Reimbursement of Cost to Shut-Down Energy Transmission Line, Including 20' Safety Zone of No Construction	Allowance	2,592.93	2,592.93	17,407.07	\$ 20,000.00	\$ (17,407.07)		\$ 2,592.93
13	Install Two Permanent Warning Signs. One Each at the Center of each Fish Dip	L.S.	L.S.	1.00	0.00	\$ 4,831.30			\$ 4,831.30
A-1	130 lb. Riprap	Tons	5,400.00	7,421.50	2,021.50	\$ 64.94			\$ 131,276.21
					TOTAL:		\$ (231,990.02)	\$ 165,090.65	\$ 3,056,833.90
					NET UNDERRUN:		\$ (66,899.37)		



19218 North 5th Street · Covington, LA 70433
Phone (985) 871-7472 · Fax (985) 871-1072
www.DQSI.com

Project No. 621-004-GSE

July 24, 2012

Providence/GSE
GSE Associates, LLC
Attn: Richard Lottinger
991 Grand Caillou Road
Houma, LA 70363

Re: DNR Contract No. 2503-12-23
GIWW/ Clovelly Hydrologic Restoration (BA-02)
2010 Maintenance Project
Lafourche Parish, Louisiana

Subject: Final Paid Invoice for Powerline Shutdown

Please find attached DQSI, LLC's final paid invoice for the powerline shutdown on the referenced project.

Very Respectfully,

A handwritten signature in black ink, appearing to read 'Eric M. Bourg', written over a horizontal line.

Eric M. Bourg
Project Manager
DQSI, LLC.



INVOICE

Invoice: 2141936
Invoice Date: 2/24/2012
Page: 1
N
Customer No: L0000
Payment Terms: 90599
Due Date: Net 30
PO reference: 3/25/2012
CON003460

Entergy Louisiana LLC
P.O. Box 8107
Baton Rouge, LA 70891

DQSI LLC
Shelly Stubbs
19218 N 5TH STREET
COVINGTON LA 70433-9017
United States

For billing questions, please call: 866-576-7400

Description	Net Amount
-------------	------------

Temporary Outage Agreement - Barataria to Golden Meadow/
DQSI LLC. Billing in connection with De-energize of an Entergy
Transmission Line L174 - DCSI is moving barge under the line./CBS

Total Amount: 2,592.93
2,592.93
Amount Due: 2,592.93
2,592.93

Handwritten signature: Shelly Stubbs, dated 2/28/12

MAKE CHECKS PAYABLE TO ENTERGY



Entergy Louisiana Inc
Invoice: 2141936
Customer No: 90599
Due Date: 3/25/2012

Amount Due: 2,592.93
\$ _____
Amount Remitted

DQSI LLC
Shelly Stubbs
19218 N 5TH STREET

Entergy Louisiana LLC
P.O. Box 8107
Baton Rouge, LA 70891

PLEASE BE SURE & WRITE DOWN INVOICE # ON YOUR CHECK
OR MONEY ORDER. MAKE SURE PAYMENT IS MAILED
SEPARATELY FROM YOUR UTILITY BILL TO THE ADDRESS
LISTED ON THE INVOICE.



19218 North 5th Street · Covington, LA 70433
Phone (985) 871-7472 · Fax (985) 871-1072
www.DQSI.com

Project No. 621-004-GSE

June 6, 2012

Coastal Protection and Restoration Authority
Attn: Brian Babin
1440 Tiger Drive, Suite B
Thibodaux, LA 70301

Re: DNR Contract No. 2503-12-23
GIWW/ Clovelly Hydrologic Restoration (BA-02)
2010 Maintenance Project
Lafourche Parish, Louisiana

Subject: Time Extension

Our interpretation of GP-44 of the project specifications allows us the latitude to request a time extension for days when extreme low tide prevented us from moving our equipment around the work site. Over the course of the project, we experienced time of extreme low tide six (6) times and I have attached the daily reports and the Superintendent's field notes for said days. Please consider this as a reason to grant DQSI, LLC a six day extension of time on the referenced project.

Very Respectfully,

A handwritten signature in black ink, appearing to read 'Eric M. Bourg', with a long, sweeping underline.

Eric M. Bourg
Project Manager
DQSI, LLC.

Mississippi Office

John C. Stennis Space Center
Building 1103 Room 147C · Stennis Space Center, MS 39529
Phone: (228) 688-3796 · Fax: (228) 688-6184

New Orleans Office

Center for Energy Resource Management
2045 Lakeshore Drive – Suite 213 · New Orleans, LA 70122
Phone: (504) 280-4080

Mon 9th 2012

Serviced Path conclusion / Filled K0-100
up w/ fuel - checked fuel level and
cable on pad again. Returning to
dock for more fuel / checked
for fuel filters in water

Tuesday - 10th 2012

414 B-4 - Finishing Removing Spills
from Barge Path & Back Barge Path

Wed. 11th 2012 - Moved 21 Rolls - (30
to 414 B-4) - 414 B-4 - Removing Spills

Thurs. 12th 2012 - Finished Removing Spills
4 - 414 B-4

Friday - 13th 2012 Moving Int. Barge
to Branch #44 #5

Moving 2nd BARGE to Branch #5
WORKING BOTH AREAS ALL DAY



Monday - 16th 2012

↓
Tide low can't move
barges. Trying to remove
spills on barge number
moved. removing spill water
both sides of gutters -

⊗ Tide to Low High tide later today Travis
 to Remove Spoils Breach #2 Closing Beach Travis
 to Remove Spoils Breach #1 Closing Beach Travis

Tuesday 7th 2012 Removing spoils & leveling
 Breach #2 #3 #4

Wed. 18th 2012 leveling Spoils Breach #2 #3
 Pickin B welder was to weld Piling
 Back onto Spud at Barge At Beach
 #4.

Thurs. 19th 2012 "Sunny Crosby" w/SE Eddy
 came to Breach #2 - Express CONCERN
 about UNDER WATER High Pressure
 lines that we are working around
 only is smaller. CONN'S Breach #2-3
 #4 #5. Ask that Barges not
 Be moved on Windy days. Eddy
 if TUGS are going to be
 used to move Barges. EXTRACTORS
 CANNOT hit Bottom to pull Barges w/
 Boat is pushing. Boat to Stiff
 rode & indicated High Pressure GAS
 lines & Oil dipping crossing gas
 to off on main pipeline. Used
 (DUST) Reported Oil or GAS
 at end of JOB - would be prob
 would be reported. Call ...



Monday 6th 2012

John P. meet at dock 5:30

Found (2) MAIN BEARING Pts (Cast Iron Pts.)
#1 CANAL JUST Past Beach #1

#2 Canal Between MHA & Clavelle Canal
First Launch. Tide low, low water

John to R. St. near Franch #1 & #2
#1 #2 #3 #4 Note: Two Bearings -

Tide low, low water, low tide, low tide

Went out to 4-4A-4B. Set poles
at 20' for Section

John Brought in more
needed more grade stakes
on this job.

Monday 7th 2012 - Working on final list at
B #5 & B #6. Taking pump to
Mike's job.

John A. called - since looking at
Trey in Cabell Channel.

Wed 8th 2012 - hauling Gravel to
Barge at Beach #1 / Came in Picked
M. P. Stalder. 1000 yds / All

9th 2012 hauling ...
 Meeting at 9:30 w/ Jason ...
 Questions answered. Eric ...
 boat being taken. Everyone ...
 sit in ... boat. P/M/A/C.
 hauling ...
 meeting about ...
 report.

Fri. 10th 2012 hauling GeoTax to



BARNS

Thu 11th 2012 - Tide was low, can't move
 down flow at site. Hauling last ...

GeoTax to barger. Changed oil
 in Generator. Went to ...
 in Houma to buy ...
 they were cheaper. Also bought
 2 boxes of batteries from ...
 two solar lights. Fixed both
 machines. Raised on and off.
 fixed ... lock on Generator
 Anthony bought self. Taking across
 house.

Kenny & Mitch ...
 ...

Tues. 12/11/2012

Finishing Grade At #6 Station North of
Shooting Garden at B to DE - Finish grade
on Existing, Fiches

*: Leaving out Fish Dips to Evals at
A - A -

Wed. 15th 2012 -
Circle & repositioning the site
& #2



Thursday 16th 2012. Turn back staying to
V. Leave from Beach #1 to Beach #2

Beach #1 to Beach #2. Beach #2 to beach
#1. Tide still very low. Mark the today.
Tide will rise. Post hole beach #2

Beach #1 to Beach #2. Tide still very low. Mark the today.
Tide will rise. Post hole beach #2

Beach #1 to Beach #2. Tide still very low. Mark the today.
Tide will rise. Post hole beach #2

Friday 21st 2012 - MARDI GRAS
Wed. 22nd 2012 -

Circle from Beach #1 to #2
Beach #1 to #2

Circle from Beach #1 to #2
Beach #1 to #2



MARCH
MOUNTAIN STATE



A large snow pile showed up.
Took both boats - 1st day - 4th.

All snow piled up. Entering tunnel
of Power. tried to move rock ^{up} bridge
DITTO to far out from du 4 meters

Could not get through - pile had spaces
holding rocks. Note All snow piled
down. Elected Spoke of Gear ~~to~~ ^{to} ~~the~~ ^{the} ~~center's~~ ^{center's}

Mechanic coming from Service to fix
Called Kenny No Answer - Called Eric
at office w/ Bill Head to find person
back on & wait for time to find person



To record & fill in snow. ~~to~~ ^{to} ~~find~~ ^{find} ~~person~~ ^{person}
Tuesday 6th 2012

Started digging for snow
Again - Charles found ~~person~~ ^{person}
Anthony house - Pilled up snow
Creating out in edge of foundation
Putting 10th Rock out.

Took 2 suitcases to dock

Wednesday 7th 2012

Miss S. Real's down brought
back out 5:30 AM called prop. ~~company~~ ^{company}
to come with 3. ~~to~~ ^{to} ~~take~~ ^{take}

ATTACHMENT “D”

Notice of Acceptance

BOBBY JINDAL
GOVERNOR



TFO

STEPHEN CHUSTZ
INTERIM SECRETARY

State of Louisiana
DEPARTMENT OF NATURAL RESOURCES
OFFICE OF MANAGEMENT AND FINANCE

MEMORANDUM

August 31, 2012

To: Jerome Zeringue
Executive Director

From: Judy A. LeBourgeois, CPPB 
Procurement Director

RE: PO# 3768560 GIWW TO CLOVERLLY 2010 MAINTENANCE
Vendor 72141699800 DQSI LLC
Contract Amt \$3,098,901.97

Please find attached the notice of acceptance for the above referenced project for your signature. They have been reviewed for accuracy, found to be in order and should be processed. The job has been completed and accepted from the Construction Engineer.

If you have any questions concerning these documents you may call me at 342-4535. The documents need to be returned to Judy LeBourgeois Room 1262, Purchasing.

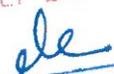
JAL

Attachments

cc: Renee McKee / Adam Ledet / file

RECEIVED

SEP 21 2012

BY: 

Purchasing

Post Office Box 44362 • Baton Rouge, Louisiana 70804-4362 • 617 N. Third Street • 12th Floor • Baton Rouge, Louisiana 70802
Phone (225) 342-4502 • Fax (225) 342-9770 • WEB <http://www.dnr.state.la.us/sec/mgtfin/purchase/purchase/ssi>
An Equal Opportunity Employer



Coastal Protection and
Restoration Authority of Louisiana

State of Louisiana

BOBBY JINDAL
GOVERNOR

August 24, 2012

Memorandum

TO: Judy LeBourgeois, DNR Procurement Officer
Purchasing & Property Control Division

FROM: Michelle Klecker, Coastal Resources Program Manager *MRK*

RE: Issuance of Notice of Acceptance by Owner
Purchase Order # 3768560
GIWW/Clovelly Hydrologic Restoration (BA-02) 2012 Maintenance Project

2012 AUG 31 PM 3:55
RECEIVED
NATURAL RESOURCES
PURCHASING

Please issue the **notice of acceptance by owner**. The above project was accepted as complete on July 24, 2012 by the project manager, Adam Ledet.

Should you have any question please contact Renee' McKee at 342-0811.

Attachment

cc: Purchase Order File



Coastal Protection and
Restoration Authority of Louisiana

State of Louisiana

BOBBY JINDAL
GOVERNOR

MEMORANDUM

August 14, 2012

TO: Michelle Klecker, CR Program Manager

THROUGH: Daniel Dearmond, Regional Manager *DD*

THROUGH: Brian Babin, Engineer Supervisor *BB*

FROM: Adam Ledet, Construction/O&M Manager *AML*

SUBJECT: GIWW/Clovley Hydrologic Restoration (BA-02) – 2010 Maintenance Project
File No. S28105DL; Purchase Order No. 3768560
Final Acceptance

The Final Inspection for the above referenced project was held on June 4, 2012. The outstanding work item (degrading rock at Structure 14A) was verified as complete on **July 24, 2012**. This project should be considered accepted as complete. Enclosed please find a letter from the consulting engineer (Providence/GSE) recommending the same. Please begin the process of issuing the contractor (DQSI, Inc.) the Notice by Owner of Acceptance of Work.

Should you have any questions, please do not hesitate to contact me.

Enclosure
Providence/GSE letter 08/14/2012

CC: John Monzon, Operations Chief
CC: TFO BA-02 Project file

RECEIVED
2012 AUG 21 A 11: 57
CPRA

Thibodaux Field Office
1440 Tiger Drive • Suite B • Thibodaux, Louisiana 70301
(985) 447-0991 • Fax (985) 447-0997 • <http://www.lacpra.org/>
An Equal Opportunity Employer



PROVIDENCE/GSE
GSE ASSOCIATES, LLC

GSE Project No. 621-005

August 14, 2012

Mr. Brian Babin, P.E.
Operation/Maintenance Manager
Louisiana Department of Natural Resources
Coastal Protection and Restoration Authority
1440 Tiger Drive, Suite B
Thibodaux, LA 70301

Re: DNR Contract No. 2503-12-23
"Engineering Services Assistance for
Coastal Restoration Projects"
Request for Cost Proposal - Construction
Administration and Inspection Services
GIWW/Clovelly Hydrologic Restoration (BA-02)
2010 Maintenance Project

Dear Mr. Babin:

The referenced project is complete and acceptable.

Should you have any questions or require additional information, please contact me at 991 Grand Caillou Road, Houma, Louisiana, 70363, phone number (985) 876-6380, fax number (985) 876-0621.

Sincerely,

Providence/GSE
GSE Associates, LLC

Robert E. Williams, Jr., P.E.

REWjr/dbp

cc: Mr. Adam Ledet, OCPR Task Manager - LDNR

NOTICE BY OWNER OF ACCEPTANCE OF WORK

TO ALL WHOM IT MAY CONCERN, AND ESPECIALLY TO SUBCONTRACTORS, WORKMEN, LABORERS AND FURNISHERS OF MATERIALS.

PUBLIC NOTICE IS HEREBY GIVEN, ACCORDING TO LAW, THAT THE UNDERSIGNED OWNER HAS ACCEPTED THE WORK FOR CONSTRUCTION OF GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010 MAINTENANCE PROJECT, PROJECT NUMBER BA-02, LAFOURCHE PARISH, LOUISIANA FOR THE LOUISIANA OFFICE OF COASTAL PROTECTION AND RESTORATION, DONE BY DQSI, LLC.

IN ACCORDANCE WITH THE CONTRACT DATED NOVEMBER 4, 2011, AND RECORDED IN THE MORTGAGE RECORDS OF LAFOURCHE PARISH, UNDER ORIGINAL INSTRUMENT NUMBER: 1123235; RECORDING PAGES: 7; BOOK: 1520 AND PAGE: 375, ALL SUBCONTRACTORS, WORKMEN, LABORERS, MECHANICS, FURNISHERS OF MATERIALS OR OTHER CLAIMANTS MUST ASSERT WHATEVER CLAIM, IF ANY, THEY MAY HAVE AGAINST SAID CONTRACT, GROWING OUT OF THE EXECUTION AND PERFORMANCE OF SAID CONTRACT, ACCORDING TO LAW, WITHIN FORTY-FIVE (45) DAYS FROM RECORDATION HEREOF:

BATON ROUGE, LOUISIANA

DATE ACCEPTED: JULY 24, 2012

APPROVED: _____
(DATE)

STATE OF LOUISIANA

DIVISION OF ADMINISTRATION

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL PROTECTION AND
RESTORATION

BY: _____
DENISE LEA
DIRECTOR OF STATE PURCHASING

BY: _____
JEROME ZERINGUE
EXECUTIVE DIRECTOR

FILE NUMBER: S 28105 DL

PURCHASE ORDER NUMBER: 3768560

ATTACHMENT “E”

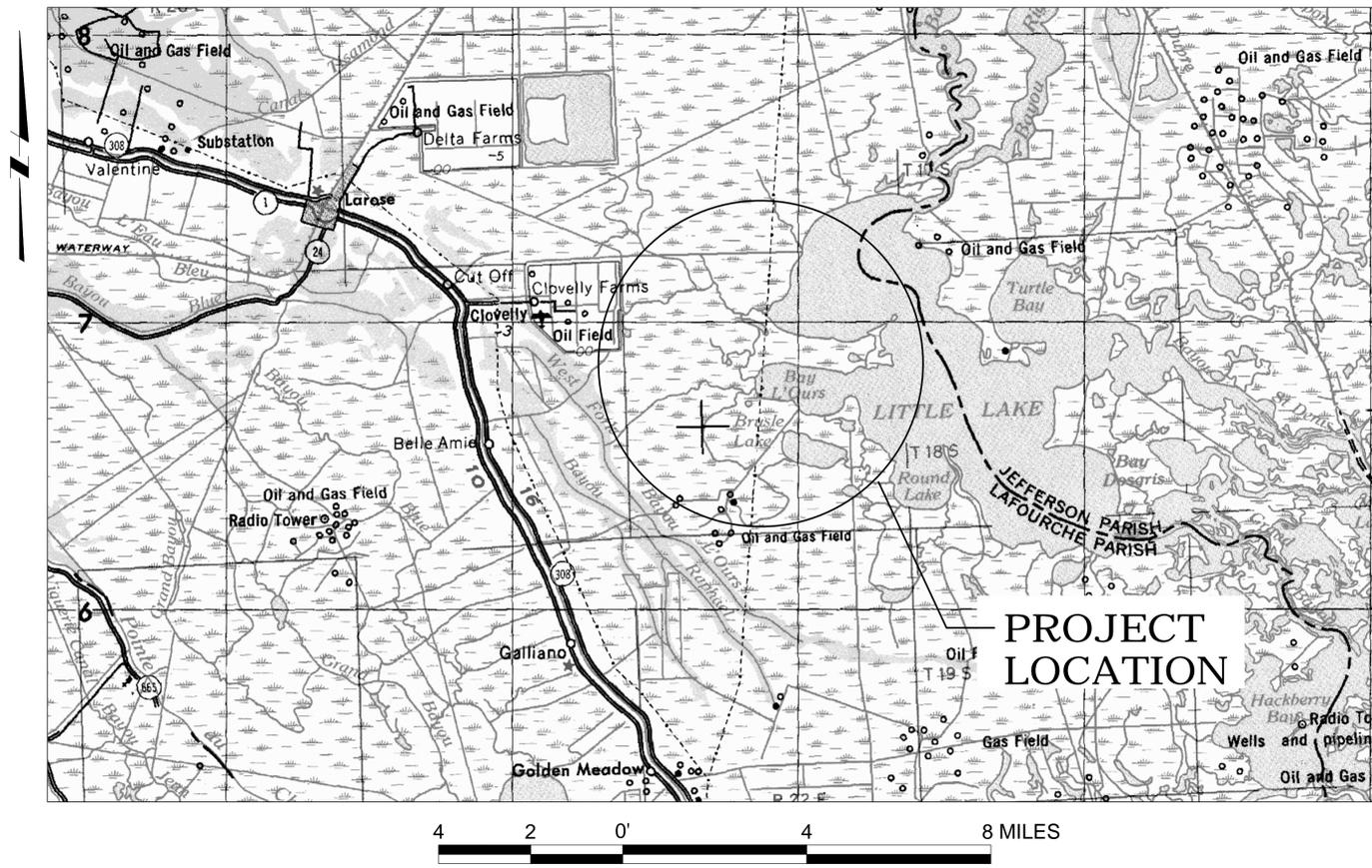
As-Built Drawings

DRAWING INDEX

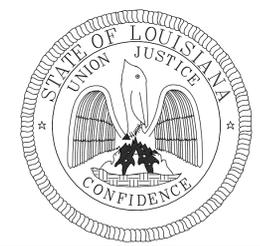
- 1 COVER SHEET AND DRAWING INDEX
- 2 GENERAL NOTES AND SUMMARY OF QUANTITIES
- 3 SITE LOCATIONS MAP
- 4 SITE 1 - PLAN
- 5A SITE 2 - OVERALL PLAN
- 5B SITE 2 - CROSS SECTIONS
- 5C SITE 2 - CROSS SECTIONS
- 5 SITE 2 - PLAN AND PROFILE
- 6 SITE 2 - CROSS SECTIONS
- 7 SITE 4 - PLAN AND PROFILE
- 8 SITE 4 - CROSS SECTIONS
- 9 SITE 14A - PLAN AND PROFILE
- 10 SITE 14A - CROSS SECTIONS
- 11 SITE 4 TO 4A/4B PLAN
- 11A SITE 4 TO 4A/4B PLAN
- 12 SITE 4 TO 4A/4B PROFILE & CROSS SECTIONS**
- 13 SITE 4 TO 4A/4B CROSS SECTIONS
- ~~14 SITE 4 TO 4A/4B CROSS SECTIONS~~
- ~~14A SITE 4 TO 4A/4B CROSS SECTIONS~~
- ~~14B SITE 4 TO 4A/4B CROSS SECTIONS~~
- ~~14C SITE 4 TO 4A/4B CROSS SECTIONS~~
- ~~14D SITE 4 TO 4A/4B CROSS SECTIONS~~
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- 34 NAVIGATIONAL AID SUPPORT DETAILS
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- 36 FISH DIP AND DREDGING DETAILS

**STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION**

**GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT
BA-02
LAFORCHE PARISH, LA**



CONSULTANT PROJECT ENGINEER	DATE
OCPR CHIEF - ENGINEERING & OPERATIONS DIVISION	DATE
OCPR ENGINEER MANAGER	DATE
OCPR PROJECT ENGINEER	DATE



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AS-BUILT DRAWING

TYPE OF CONSTRUCTION

CLASSIFICATION III
HEAVY CONSTRUCTION

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL DESIGNED BY: NJR

GIWW TO CLOVELLY HYDRAULIC RESTORATION 2010 MAINTENANCE PROJECT	##### COVER SHEET AND DRAWING INDEX
STATE PROJECT NUMBER: BA-02	DATE: MARCH 2011
FEDERAL PROJECT NUMBER: BA-02	SHEET 1 OF 36
APPROVED BY: JPS	

GENERAL NOTES

- ALL ELEVATIONS ARE GIVEN IN THE NORTH AMERICAN VERTICAL DATUM ON 1988 (NAVD 88). ALL HORIZONTAL COORDINATES ARE GIVEN IN THE NORTH AMERICAN DATUM OF 1983 (NAD 83).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NAVIGATING WITHIN THE LIMITS OF THE PROJECT PLAN AREA. OCPR OR ASSIGNED PROJECT REPRESENTATIVE SHALL MONITOR THE LOCATION DURING CONSTRUCTION.
- THE CONTRACTOR SHALL NOT, AT ANYTIME, TREAD ON EXISTING MARSH OR VEGETATIVE WETLANDS UNLESS OTHERWISE DIRECTED BY THE OCPR PROJECT ENGINEER OR ASSIGNED PROJECT REPRESENTATIVE.
- THE LOCATIONS OF UTILITIES, PIPELINES, AND STRUCTURES SHOWN HEREON HAVE BEEN DETERMINED FROM DATA PROVIDED BY OTHERS. THE ACTUAL LOCATIONS MAY VARY FROM THESE SHOWN AND IT IS POSSIBLE SOME MAY EXIST THAT HAVE NOT BEEN SHOWN. THE CONTRACTOR SHALL BE ON ALERT FOR SUCH UTILITIES, PIPELINES, AND STRUCTURES AND REPORT THEM IMMEDIATELY TO THE OCPR PROJECT ENGINEER OR ASSIGNED PROJECT REPRESENTATIVE. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES, PIPELINES, AND STRUCTURES PRIOR TO COMMENCING ANY WORK. FOR POWERLINES CROSSING LIMITS OF WORK NEAR STRUCTURES 4A/4B, 4 AND 2; THE ROCK DIKE EXTENSION; AND BRENTON CANAL, CONTACT ENTERGY AT 1-800-968-8243.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING PIPELINE OPERATORS 48 HOURS IN ADVANCE OF THE WORK. ALL PIPELINES SHALL BE MARKED WITH BUOYS BY THE CONTRACTOR. THE CONTRACTOR SHALL MAINTAIN BUOYS DURING CONSTRUCTION OR HAVE ADEQUATE NAVIGATIONAL EQUIPMENT ON THE DREDGE TO AVOID DREDGING IN RESTRICTED AREAS. THE CONTRACTOR SHALL NOT ANCHOR OR EXCAVATE WITHIN 50 FEET OF ANY PIPELINE. THE FOLLOWING IS A LIST OF PIPELINE OPERATORS KNOWN TO HAVE PIPELINES IN THE VICINITY. NOTICE: 48 HOURS BEFORE DREDGING CALL LOUISIANA ONE CALL AT 1-800-272-3020 TO LOCATE ANY OTHER PIPELINES OR UTILITIES.

CONTACT: SONNY CROSBY - STONE ENERGY CORP.
PHONE: 985-870-5001
- VOLUMES SHOWN ARE FOR BIDDING PURPOSES ONLY AND WERE CALCULATED ACCORDING TO CONDITIONS SURVEYED IN 2008/2010. DREDGE CROSS-SECTIONS WILL BE SURVEYED BY THE CONTRACTOR BEFORE AND AFTER FOR BACKFILL VERIFICATION. ALL SURVEYING AND MEASUREMENTS BY THE CONTRACTOR FOR MEASUREMENT AND PAYMENT WILL BE MONITORED BY THE OCPR PROJECT ENGINEER OR ASSIGNED PROJECT REPRESENTATIVE. THE OCPR PROJECT ENGINEER OR ASSIGNED PROJECT REPRESENTATIVE SHALL REVIEW ALL BEFORE AND AFTER SURVEYS, MEASUREMENTS AND PAYMENT CALCULATIONS. IF A DISCREPANCY CANNOT BE RESOLVED, THE CONSTRUCTION MANAGER SHALL PERFORM A CROSS-SECTION SURVEY TO VERIFY THE CONTRACTORS WORK.

- VOLUMES SHOWN ARE FOR BIDDING PURPOSES ONLY AND WERE CALCULATED ACCORDING TO CONDITIONS SURVEYED IN 2008/2010. FOR MEASUREMENT AND PAYMENT PURPOSES, CONTRACTOR WILL MEASURE WEIGHT OF ROCK BEFORE PLACEMENT. ALL WEIGHING PERFORMED BY THE CONTRACTOR FOR MEASUREMENT AND PAYMENT WILL BE MONITORED BY OCPR PROJECT ENGINEER OR ASSIGNED PROJECT REPRESENTATIVE. THE OCPR PROJECT ENGINEER OR ASSIGNED PROJECT REPRESENTATIVE SHALL REVIEW ALL MEASUREMENTS AND PAYMENT CALCULATIONS. IF A DISCREPANCY CANNOT BE RESOLVED, THE CONSTRUCTION MANAGER SHALL PERFORM A CROSS-SECTION SURVEY TO VERIFY THE CONTRACTORS WORK.
- DREDGED MATERIAL SHALL BE PLACED IN AREAS SHOWN ON THE PLANS.
- DREDGED MATERIAL SHALL NOT IMPEDE FLOW OF NATURAL WATERWAYS NOR BE STOCKPILED WHERE NATURAL WATERWAYS INTERSECT CREVASSES.
- CONTRACTOR IS RESPONSIBLE TO VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK. ANY OBSERVED DISCREPANCIES BETWEEN PRE-CONSTRUCTION SURVEY AND THE PROJECT PLANS NEED TO BE DOCUMENTED AND PROVIDED TO OCPR PROJECT ENGINEER OR ASSIGNED PROJECT REPRESENTATIVE FOR ACCEPTANCE.
- DISTURBANCE TO MARINE TRAFFIC NEEDS TO BE AVOIDED BY THE CONTRACTOR. NECESSARY WARNING SIGNS/TEMPORARY NAVIGATIONAL AIDS SHALL BE INSTALLED IN ACCORDANCE WITH USCG REGULATIONS. SEQUENCE OF CONSTRUCTION AND PLAN FOR MAINTAINING MARINE TRAFFIC THROUGH THE STRUCTURE SHALL BE SUBMITTED TO OCPR FOR APPROVAL.
- EXISTING ELEVATIONS OF STRUCTURES AND NATURAL GROUND ARE BASED ON SURVEYS CONDUCTED IN 2008 AND 2010. IN AREAS WHERE SURVEY DATA WAS UNAVAILABLE, THE EXISTING CONDITIONS WERE EXTENDED AT THE SAME ELEVATION AS THE LAST MEASURED POINT. THE DRAWINGS INDICATE THE LOCATION OF 2008, 2010 AND EXTENDED DATA USED TO DEPICT EXISTING CONDITIONS.
- THE SOUTH COASTAL WETLANDS (SLCW) SECONDARY GPS NETWORK MONUMENT, "BA02SM01 AND/OR BA02SM02, SHALL BE USED FOR HORIZONTAL AND VERTICAL CONTROL. THE DATA SHEET FOR THESE MONUMENTS CAN BE FOUND IN APPENDIX D OF THE SPECIFICATIONS.
- CLEARING AND GRUBBING IN THE AREA OF THE BREACH REPAIRS MAY BE REQUIRED PRIOR TO COMMENCING BREACH REPAIR WORK. THIS WORK IS CONSIDERED INCIDENTAL TO THE BREACH REPAIR WORK.
- MEAN HIGH WATER AND MEAN LOW WATER DATA BASED UPON 2009 MONITORING DATA PROVIDED BY OCPR.

SUMMARY OF ESTIMATED QUANTITIES

BASE BID

ITEM No.	ITEM	UNIT	QUANTITY
1	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	1
2	CONSTRUCTION SURVEYS	LUMP SUM	1
3	ACCESS AND FLOATATION CHANNELS	LUMP SUM	1
4	BREACH REPAIRS	LUMP SUM	1
5	TEMPORARY WARNING SIGNS AND LIGHTS	EACH	5
6	STRUCTURE 14A-TYPE V NAVIGATIONAL AID SUBSTRUCTURE AND SIGN REPLACEMENT	LUMP SUM	1
7	STRUCTURE 1, 4 AND 91-TYPE V NAVIGATIONAL AID SUBSTRUCTURE AND SIGN REPLACEMENT	LUMP SUM	1
8	10 lb RIPRAP	TONS	2,600
9	130 lb RIPRAP	TONS	25,000
10	250 lb RIPRAP	TONS	4,200
11	WOVEN GEOTEXTILE FABRIC	SQUARE YARDS	5,300

ALTERNATE NO. 1

ITEM No.	ITEM	UNIT	QUANTITY
1	130 lb RIPRAP	TONS	5,400

ITEM No.	WORK	ESTIMATED QUANTITY	UNIT	ESTIMATED UNIT PRICE	ESTIMATED AMOUNT	BID QUANTITY	BID UNIT PRICE	BID AMOUNT	AS-BUILT QUANTITY	AS-BUILT AMOUNT	
1	MOBILIZATION AND DEMOBILIZATION	1	L.S.	\$ 110,246.48	\$ 110,246.48	1	\$ 110,246.48	\$ 110,246.48	1	\$ 110,246.48	
2	CONSTRUCTION SURVEYS	1	L.S.	\$ 205,453.95	\$ 205,453.95	1	\$ 205,453.95	\$ 205,453.95	1	\$ 205,453.95	
3	ACCESS AND FLOATATION CHANNELS	1	L.S.	\$ 52,130.41	\$ 52,130.41	1	\$ 52,130.41	\$ 52,130.41	1	\$ 52,130.41	
4	BREACH REPAIRS	1	L.S.	\$ 54,551.93	\$ 54,551.93	1	\$ 54,551.93	\$ 54,551.93	1	\$ 54,551.93	
5	TEMPORARY WARNING SIGNS AND LIGHTS	5	EA.	\$ 3,676.79	\$ 18,383.95	5	\$ 3,676.79	\$ 18,383.95	5	\$ 18,383.95	
6	STRUCTURE 14A-TYPE V NAVIGATIONAL AID SUBSTRUCTURE AND SIGN REPLACEMENT (INCLUDING RE-INSTALLATION OF EXISTING NAVIGATIONAL LIGHTS)	1	L.S.	\$ 76,323.08	\$ 76,323.08	1	\$ 76,323.08	\$ 76,323.08	1	\$ 76,323.08	
7	STRUCTURE 1, 4 AND 91-TYPE III AND V NAVIGATIONAL AID SUBSTRUCTURE AND SIGN REPLACEMENT	1	L.S.	\$ 76,438.17	\$ 76,438.17	1	\$ 76,438.17	\$ 76,438.17	1	\$ 76,438.17	
8	10 lb RIPRAP	2,600	TONS	\$ 67.26	\$ 174,876.00	2,600	\$ 67.26	\$ 174,876.00	2,664	\$ 179,180.64	
9	130 lb RIPRAP	18,430	TONS	\$ 66.38	\$ 1,223,383.40	18,430	\$ 66.38	\$ 1,223,383.40	18,223.50	\$ 1,209,675.93	
9(A)	130 lb RIPRAP (ROCK SHORELINE PROTECTION BETWEEN SITE 4 AND SITE 4A/B)	6,570	TONS	\$ 66.38	\$ 436,116.60	6,570	\$ 66.38	\$ 436,116.60	3,571	\$ 237,042.98	
10	250 lb RIPRAP	4,200	TONS	\$ 71.80	\$ 301,560.00	4,200	\$ 71.80	\$ 301,560.00	4,611	\$ 331,069.80	
11	WOVEN GEOTEXTILE FABRIC	5,300	S.Y.	\$ 3.54	\$ 18,762.00	5,300	\$ 3.54	\$ 18,762.00	4,791	\$ 16,960.14	
12	REIMBURSEMENT OF COST TO SHUT-DOWN ENTERGY TRANSMISSION LINE, INCLUDING 20' SAFETY ZONE OF NO CONSTRUCTION	2,592.93	ALLOWANCE	\$ 20,000.00	\$ 20,000.00	2,592.93	\$ 20,000.00	\$ 20,000.00	2,592.93	\$ 2,592.93	
13	INSTALL TWO PERMANENT WARNING SIGNS. ONE EACH AT THE CENTER OF EACH FISH DIP	1	L.S.	\$ 4,831.30	\$ 4,831.30	1	\$ 4,831.30	\$ 4,831.30	1	\$ 4,831.30	
DNR ESTIMATED AMOUNT:					\$ 2,773,057.27	ORIGINAL BASE BID AMOUNT:			\$ 2,773,057.27	AS-BUILT AMOUNT	\$ 2,574,881.69
A-1	130 lb RIPRAP	5,400	TONS	\$ 64.94	\$ 350,676.00	5,400	\$ 64.94	\$ 350,676.00	7,421.50	\$ 481,952.21	
DNR ADDITIVE ALTERNATE ESTIMATED AMOUNT:					\$ 350,676.00	ORIGINAL ADDITIVE ALTERNATE BID AMOUNT:			\$ 350,676.00	AS-BUILT AMOUNT	\$ 481,952.21
TOTAL PROJECT COST:										\$ 3,056,833.90	

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AS-BUILT DRAWING

REV.	DATE	DESCRIPTION	BY



**OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH**

450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL

DESIGNED BY: NJR

GIWW TO CLOVELLY HYDRAULIC RESTORATION
2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JPS

GENERAL NOTES AND
SUMMARY OF QUANTITIES

DATE: MARCH 2011

SHEET 2 OF 36

\$\$\$\$DATE\$\$\$\$

\$\$\$\$USER\$\$\$\$

\$\$\$\$FILENAME\$\$\$\$

GENERAL SHEET NOTES

1. ACCESS ROUTES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. ACCESS CHANNELS, OTHER THAN THOSE SHOWN ON THE PLANS MAY BE REQUIRED TO REACH SITES 2, 4, 4A / 4B, AND LAKE RIM. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ACCESS CHANNEL REQUIREMENTS PRIOR TO SUBMITTING BID AND INCLUDE IN BID PRICE.
2. SEE NOTE 4 AND NOTE 5, SHEET 2.



LEGEND

- ▲ — ROCK WEIR W/BARGE BAY
- — ROCK PLUG
- — ROCK WEIR W/BOAT BAY
- — CHANNEL PLUG W/CULVERT
- ||| — ROCK SHORELINE PROTECTION
- — ACCESS ROUTE
- //— PIPELINE
- - - - AERIAL POWERLINE

BREACH LOCATIONS 1-3. SEE SHEET 23

BREACH LOCATIONS 4 AND 5. SEE SHEET 23

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AS-BUILT DRAWING

REV.	DATE	DESCRIPTION	BY



**OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH**

450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL

DESIGNED BY: NJR

GIWW TO CLOVELLY HYDRAULIC RESTORATION
2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER:

FEDERAL PROJECT NUMBER:

APPROVED BY: JPS

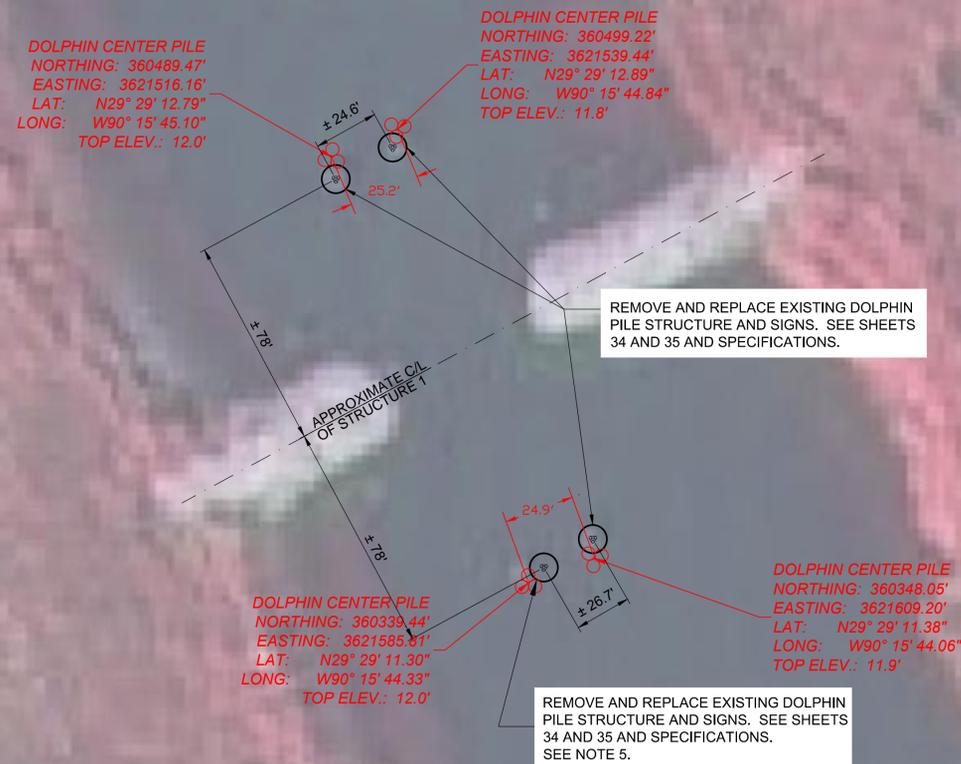
SITE LOCATIONS MAP

DATE: MARCH 2011

SHEET 3 OF 36

GENERAL SHEET NOTES

1. CONTRACTOR SHALL INSTALL TEMPORARY BENCHMARK AT SITE 1 UTILIZING SAME DATUM AS THE CONTROL MONUMENTS. SEE SPECIFICATIONS.
2. DISTURBANCE TO MARINE TRAFFIC NEEDS TO BE AVOIDED BY THE CONTRACTOR. NECESSARY WARNING SIGNS/TEMPORARY NAVIGATIONAL AIDS SHALL BE INSTALLED IN ACCORDANCE WITH USCG REGULATIONS. SEQUENCE OF CONSTRUCTION AND PLAN FOR MAINTAINING MARINE TRAFFIC THROUGH THE STRUCTURE SHALL BE SUBMITTED TO OCPR FOR APPROVAL.
3. SHOWN DIMENSIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATION OF AND DISTANCE BETWEEN EXISTING PILE STRUCTURES PRIOR TO REMOVAL.
4. CONTRACTOR TO COORDINATE LOCATION OF NEW PILE STRUCTURES WITH OCPR PROJECT ENGINEER OR ASSIGNED PROJECT REPRESENTATIVE PRIOR TO INSTALLATION.
5. EXISTING DOLPHIN PILE STRUCTURE AT THIS LOCATION HAS BEEN KNOCKED OVER AND POSSIBLY SHEARED BELOW THE WATER LINE. CONTRACTOR TO REMOVE EXISTING DOLPHIN PILE STRUCTURE AND PORTIONS OF PILE STRUCTURE THAT MAY BE RESIDING IN THE BOTTOM OF CANAL.



PLAN
 SCALE: 1" = 60'

This record drawing has been prepared, based upon information and changes noted during construction from a variety of sources including that information furnished by contractor and subcontractor. While this information is believed to be reliable, Providence/GSE assumes no responsibility for any inaccuracies, errors or omissions which may have been incorporated into it as a result of incorrect information provided to us. Those relying on this record document are advised to obtain independent verification of the actual conditions that exist.

AS-BUILT DRAWING

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET, SUITE 1200
 BATON ROUGE, LOUISIANA 70804

GIWW TO CLOVELLY HYDRAULIC RESTORATION
 2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JPS

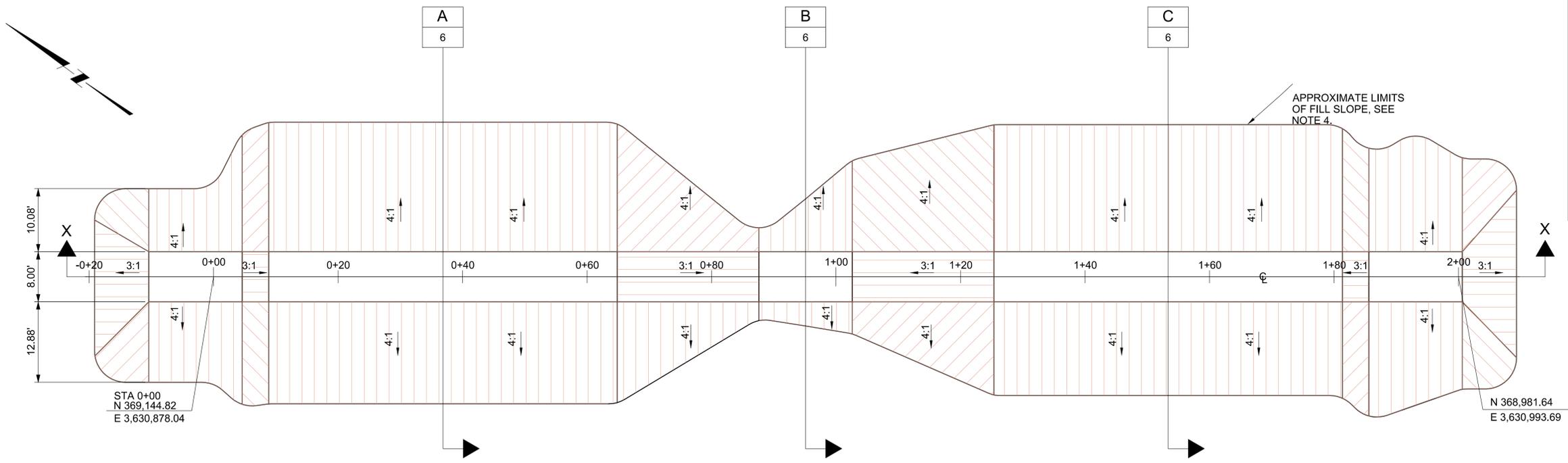
 SITE 1 -
 PLAN

DATE: MARCH 2011

SHEET 4 OF 36

DRAWN BY: LKL

DESIGNED BY: NJR

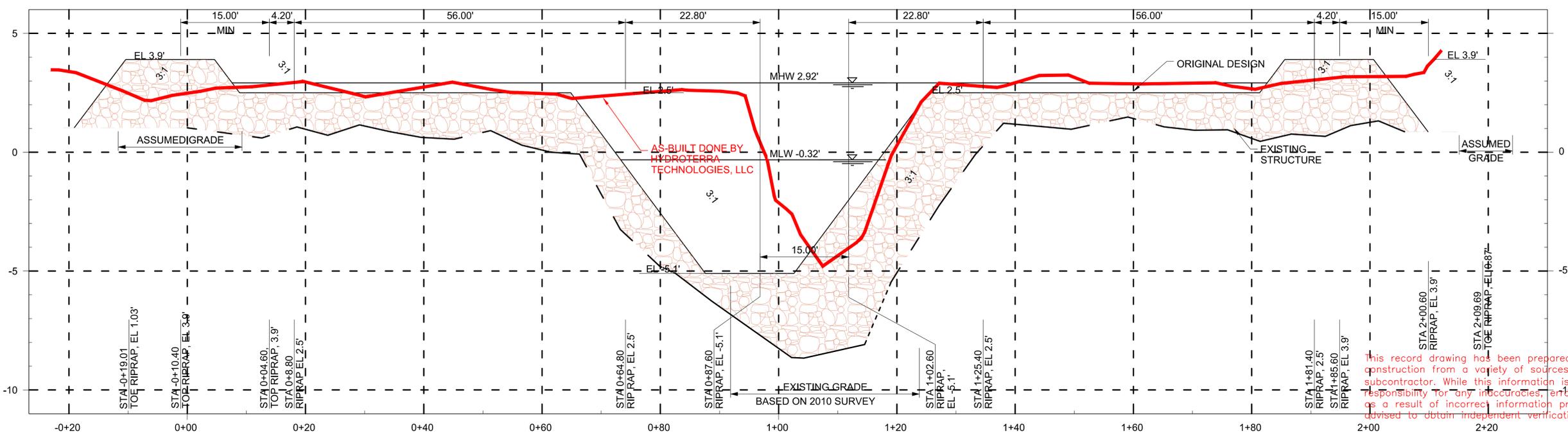


- GENERAL SHEET NOTES**
1. RECAP EXISTING STRUCTURE ACCORDING TO THE LINES AND GRADES ON THE DRAWINGS. THE LINES AND GRADES ON THE DRAWINGS REFLECT THE ORIGINAL PERMITTED DESIGN.
 2. EXISTING GRADE ELEVATIONS ARE BASED ON 2008 SURVEY DATA UNLESS SHOWN OTHERWISE.
 3. CONTRACTOR SHALL INSTALL TEMPORARY BENCH MARK AT SITE 2 UTILIZING SAME DATUM AS THE CONTROL MONUMENTS. SEE SPECIFICATIONS.
 4. CONTRACTOR SHALL PLACE FILL SLOPE UNTIL EXISTING BOTTOM IS REACHED.

AS-BUILT SURVEY VOLUME TABLE

Station	Area	Volume	Cumulative Volume
0+08.80	50.95	0.00	0.00 (CuYds)
0+64.80	126.80	184.33	184.33 (CuYds)
0+87.60	288.54	175.37	359.70 (CuYds)
0+95.10	413.21	97.47	457.16 (CuYds)
1+02.60	277.53	95.94	553.10 (CuYds)
1+25.40	184.51	195.08	748.18 (CuYds)
1+81.40	49.68	242.86	991.04 (CuYds)
2+09.41	23.93	38.18	1029.21 (CuYds)

PLAN - STRUCTURE 2
SCALE: 1" = 20'



STRUCTURE 2 PROFILE X-X
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'

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AS-BUILT DRAWING

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70804

GIWW TO CLOVELLY HYDRAULIC RESTORATION
2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02

DRAWN BY: LKL

DESIGNED BY: NJR

APPROVED BY: JPS

SITE 2 -
PLAN AND PROFILE

DATE: MARCH 2011

SHEET 5 OF 36

GENERAL SHEET NOTES

- 1. SURVEY DATA PROVIDED FOR INFORMATIONAL PURPOSES.



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AS-BUILT DRAWING

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OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET, SUITE 1200
 BATON ROUGE, LOUISIANA 70804

GIWW TO CLOVELLY HYDRAULIC RESTORATION
 2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JPS

 SITE 2 -
 OVERALL PLAN

DATE: MARCH 2011

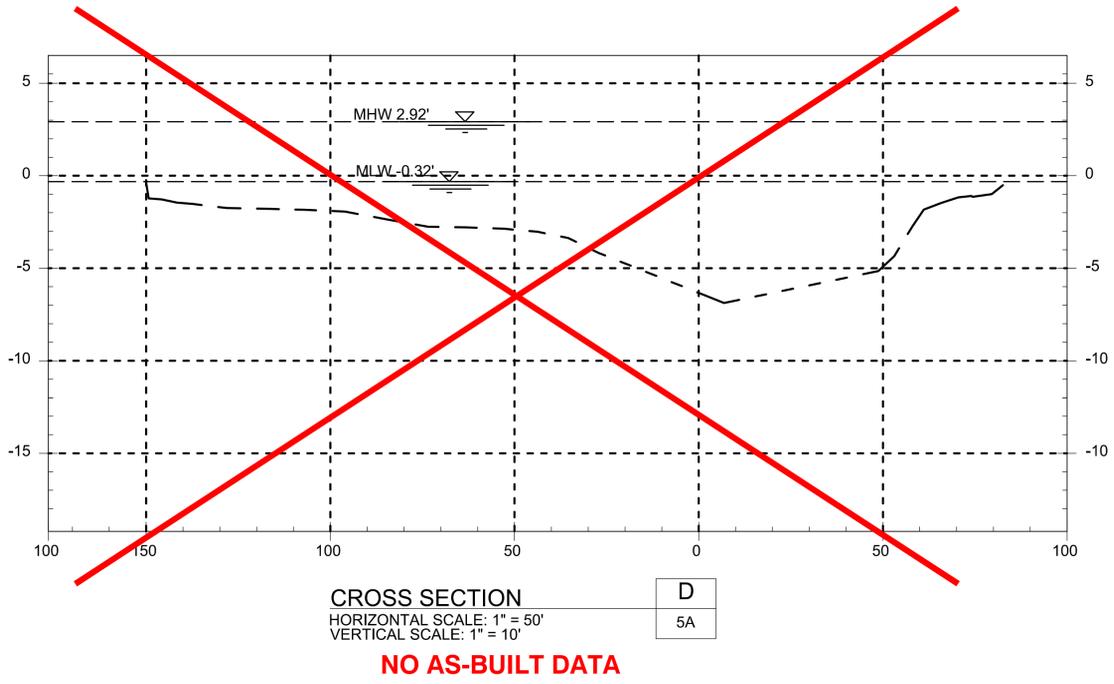
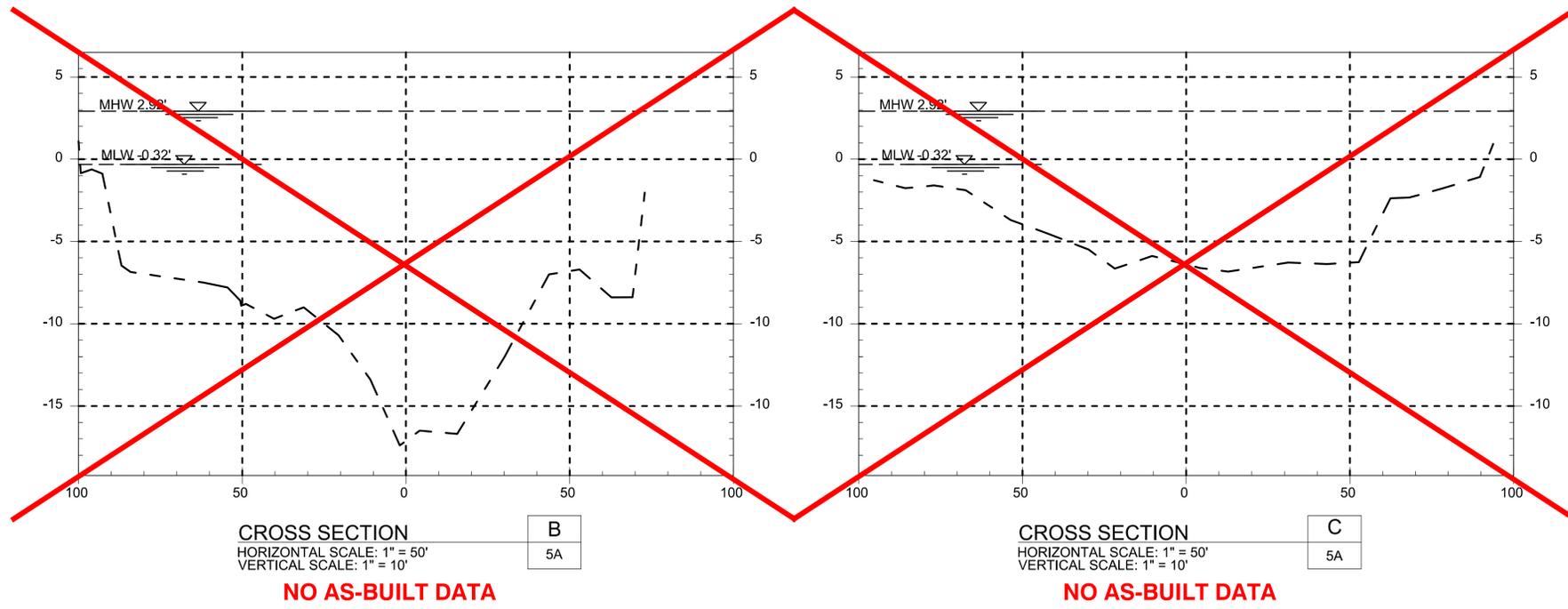
SHEET 5A OF 36

DRAWN BY: LKL

DESIGNED BY: NJR

GENERAL SHEET NOTES

1. SURVEY DATA PROVIDED FOR INFORMATIONAL PURPOSES.



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AS-BUILT DRAWING

REV.	DATE	DESCRIPTION	BY



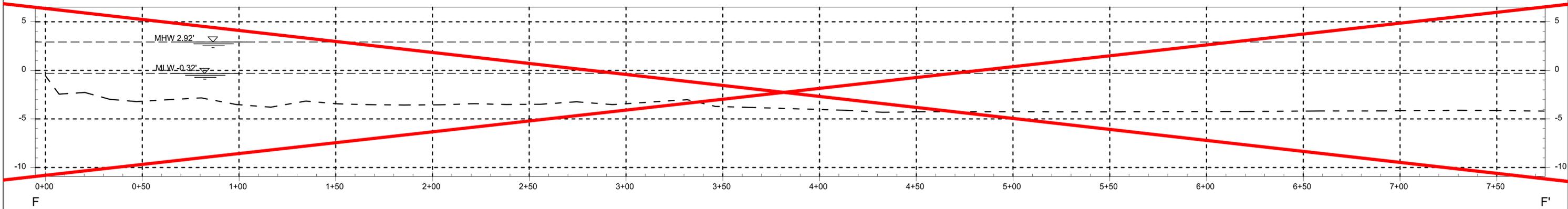
OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET, SUITE 1200
 BATON ROUGE, LOUISIANA 70804
 DRAWN BY: LKL DESIGNED BY: NJR

GIWW TO CLOVELLY HYDRAULIC RESTORATION
 2010 MAINTENANCE PROJECT
 STATE PROJECT NUMBER: BA-02
 FEDERAL PROJECT NUMBER: BA-02
 APPROVED BY: JPS

 SITE 2 -
 CROSS SECTIONS
 DATE: MARCH 2011
 SHEET 5B OF 36

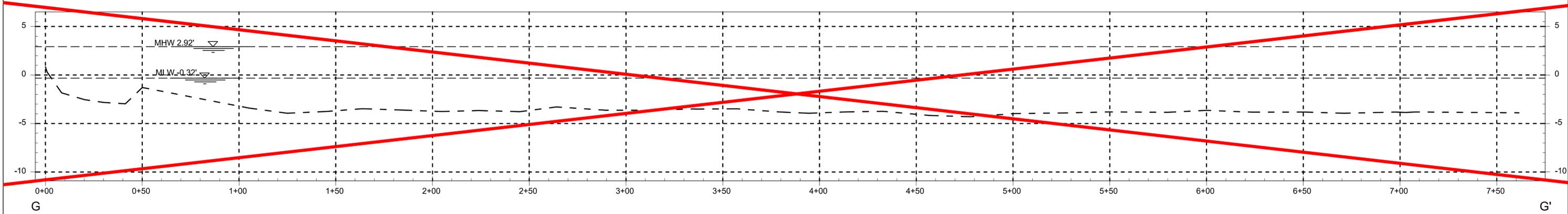
GENERAL SHEET NOTES

1. SURVEY DATA PROVIDED FOR INFORMATIONAL PURPOSES.



CROSS SECTION F
 HORIZONTAL SCALE: 1" = 50'
 VERTICAL SCALE: 1" = 10'

NO AS-BUILT DATA



CROSS SECTION G
 HORIZONTAL SCALE: 1" = 50'
 VERTICAL SCALE: 1" = 10'

NO AS-BUILT DATA

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AS-BUILT DRAWING

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH

450 LAUREL STREET, SUITE 1200
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL

DESIGNED BY: NJR

GIWW TO CLOVELLY HYDRAULIC RESTORATION
 2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JPS

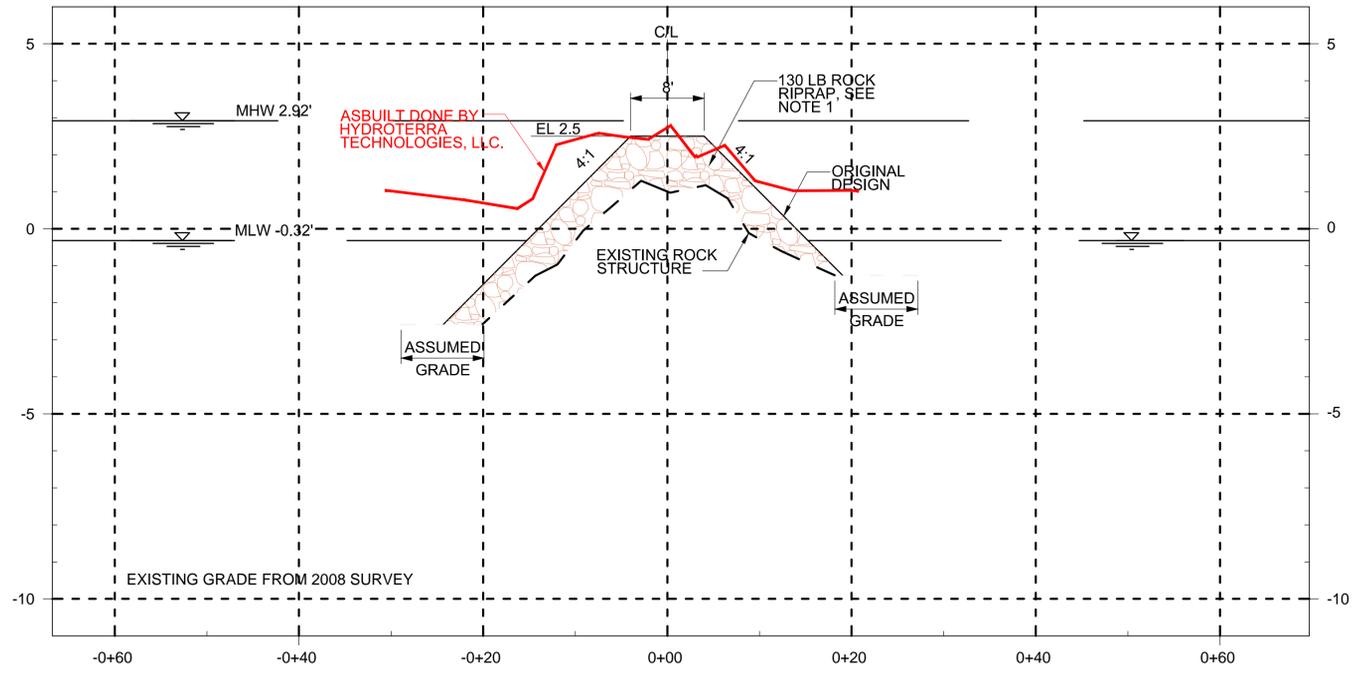
 SITE 2 -
 CROSS SECTIONS

DATE: MARCH 2011

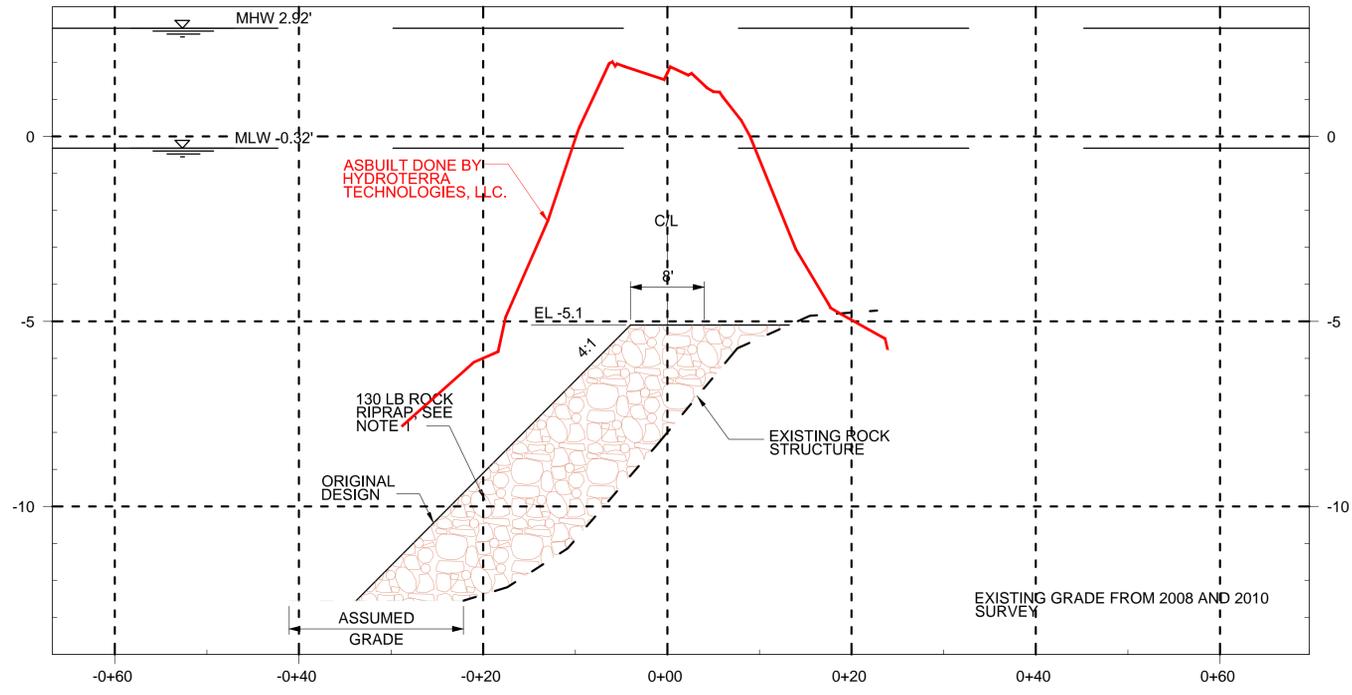
SHEET 5C OF 36

GENERAL SHEET NOTES

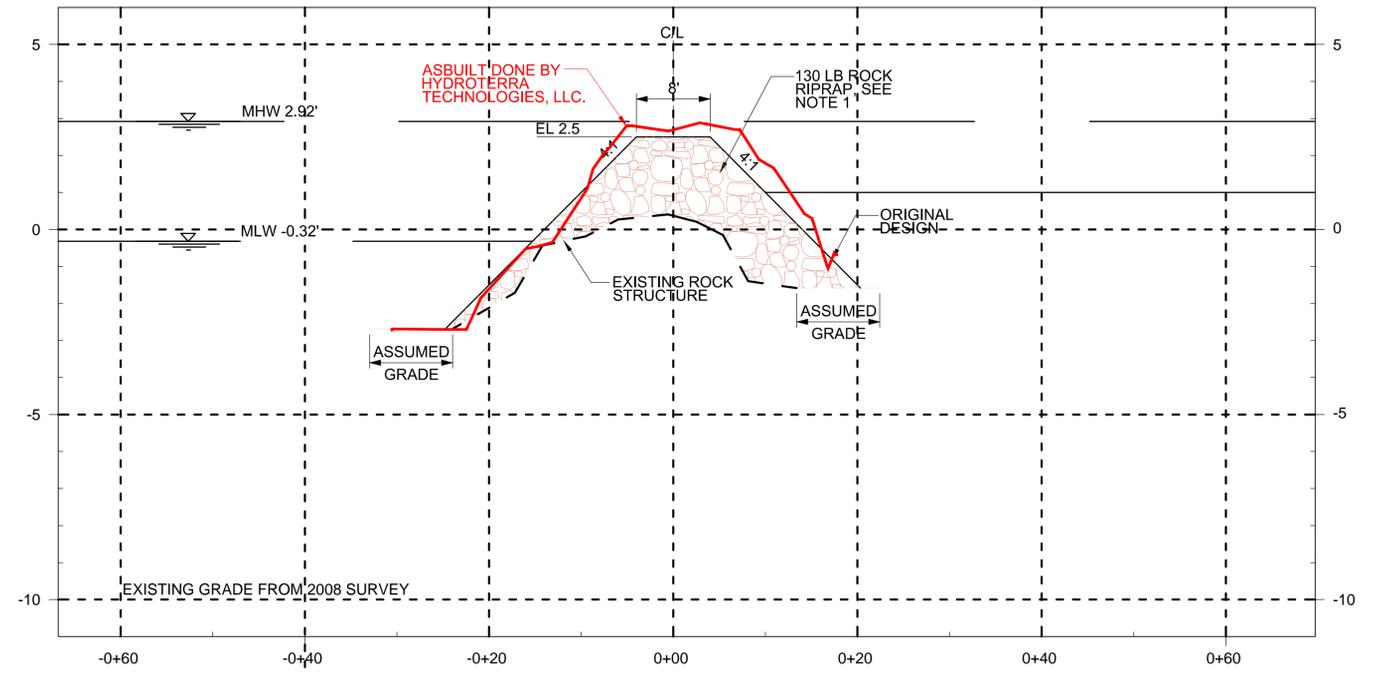
1. RECAP EXISTING STRUCTURE ACCORDING TO THE LINES AND GRADES ON THE DRAWINGS. THE LINES AND GRADES ON THE DRAWINGS REFLECT THE ORIGINAL PERMITTED DESIGN.
2. EXISTING GRADE ELEVATIONS ARE BASED ON 2008 SURVEY DATA UNLESS SHOWN OTHERWISE.



CROSS SECTION A
 AS-BUILT CROSS SECTION AT STA 0+09
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 5'



CROSS SECTION B
 AS-BUILT CROSS SECTION AT STA 0+95
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 5'



CROSS SECTION C
 AS-BUILT CROSS SECTION AT STA 1+81
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 5'

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AS-BUILT DRAWING

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET, SUITE 1200
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL DESIGNED BY: NJR

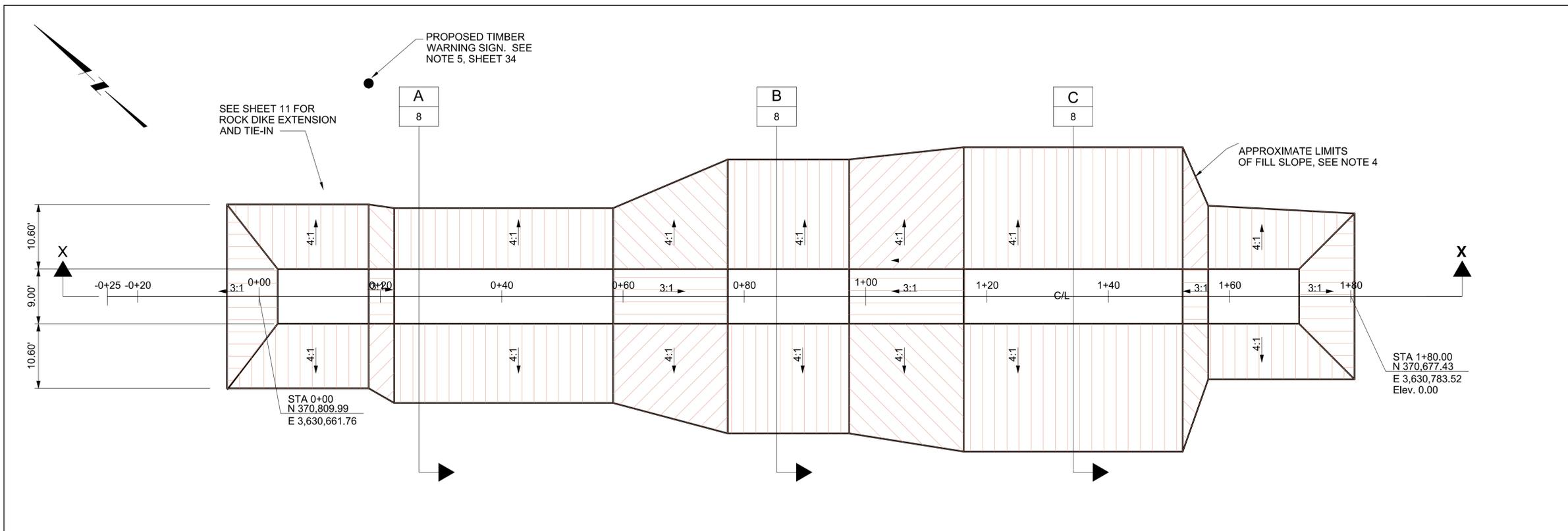
GIWW TO CLOVELLY HYDRAULIC RESTORATION
 2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02
 FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JPS

 SITE 2 -
 CROSS SECTIONS

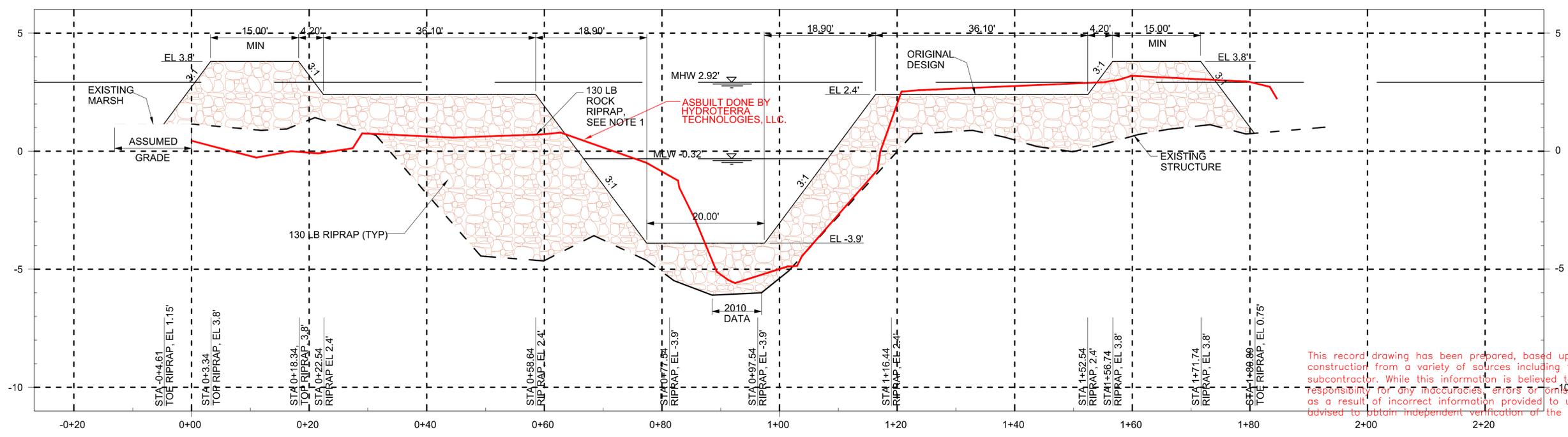
DATE: MARCH 2011
 SHEET 6 OF 36



- GENERAL SHEET NOTES**
1. RECAP EXISTING STRUCTURE ACCORDING TO THE LINES AND GRADES ON THE DRAWINGS. THE LINES AND GRADES ON THE DRAWINGS REFLECT THE ORIGINAL PERMITTED DESIGN.
 2. EXISTING GRADE ELEVATIONS ARE BASED ON 2008 SURVEY DATA UNLESS SHOWN OTHERWISE.
 3. CONTRACTOR SHALL INSTALL TEMPORARY BENCH MARK AT SITE 4 UTILIZING SAME DATUM AS THE CONTROL MONUMENTS. SEE SPECIFICATIONS.
 4. CONTRACTOR SHALL PLACE FILL SLOPE UNTIL EXISTING BOTTOM IS REACHED.
 5. CONTRACTOR TO COORDINATE LOCATION OF NEW PILE STRUCTURE WITH OCPD PROJECT ENGINEER OR ASSIGNED PROJECT REPRESENTATIVE PRIOR TO INSTALLATION.
 6. SEE SHEET 11 FOR LOCATION OF STRUCTURE 4.

PLAN - STRUCTURE 4
SCALE: 1" = 20'

Structure 4 Recapping Fill Volume Table			
Station	Area	Volume	Cumulative Volume
-0+04.63	2.12	0.00	0.00 (CuYds)
0+22.54	28.40	15.36	15.36 (CuYds)
0+58.64	243.80	181.97	197.33 (CuYds)
0+77.54	5.73	87.34	284.67 (CuYds)
0+87.48	49.76	10.21	294.88 (CuYds)
0+97.54	37.36	16.23	311.11 (CuYds)
1+16.44	224.95	91.81	402.92 (CuYds)
1+52.54	90.53	210.90	613.82 (CuYds)
1+79.99	5.48	48.81	662.64 (CuYds)
TONNAGE = (1.5 X 662.64)			993.96 TONS



STRUCTURE 4 PROFILE X-X
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'

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AS-BUILT DRAWING

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL DESIGNED BY: NJR

GIWW TO CLOVELLY HYDRAULIC RESTORATION
2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02
FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JPS

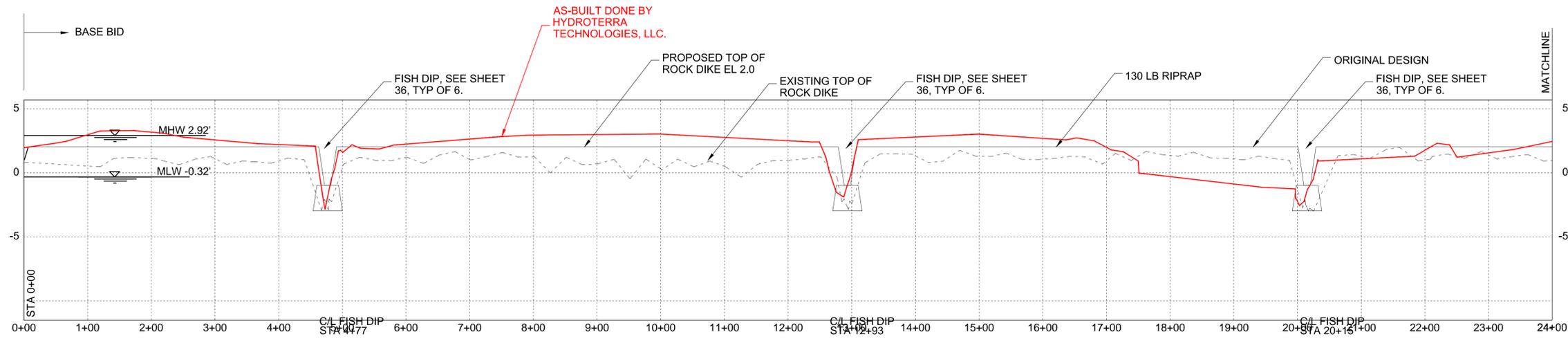
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SITE 4 -
PLAN AND PROFILE

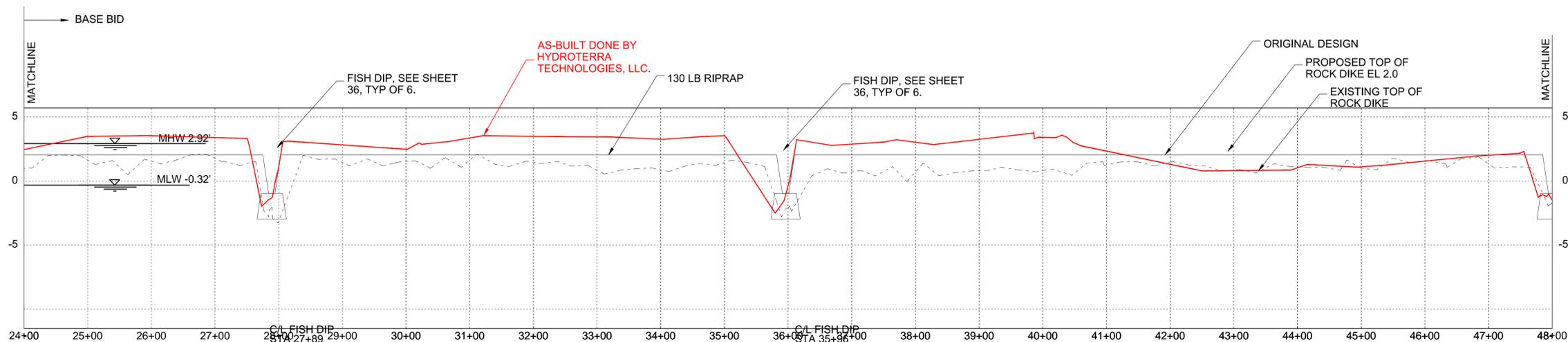
DATE: MARCH 2011
SHEET 7 OF 36

GENERAL SHEET NOTES

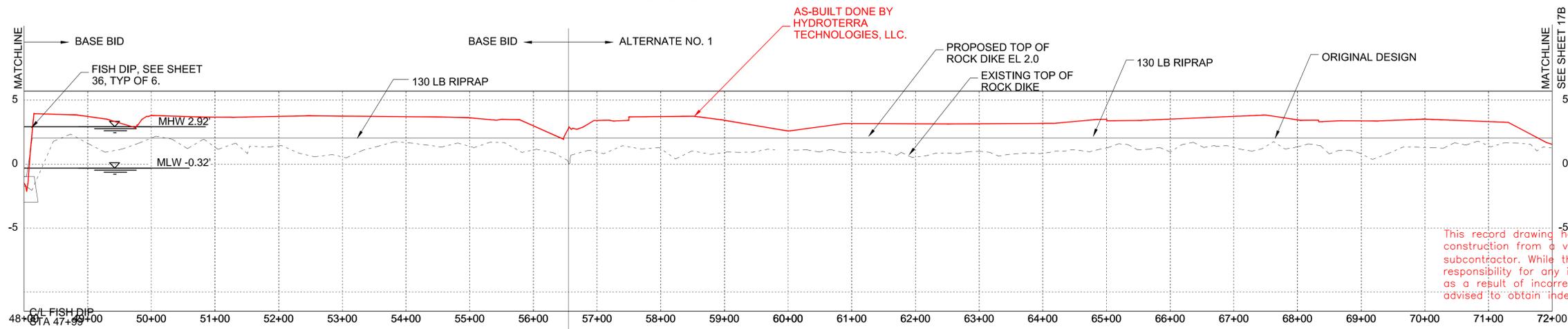
1. PLACE ROCK FLUSH AGAINST EXISTING ROCK WHERE THE TOP OF DIKE ELEVATION IS EL 2.0 OR GREATER.
2. EXISTING GRADE ELEVATIONS ARE BASED ON A COMBINATION OF 2008 AND 2010 SURVEY DATA.
3. FOR TYPICAL SECTION OF PROPOSED ROCK DIKE, SEE DETAIL C, SHEET 36.
4. RECAP EXISTING STRUCTURE ACCORDING TO THE LINES AND GRADES ON THE DRAWINGS. THE LINES AND GRADES ON THE DRAWINGS REFLECT THE ORIGINAL PERMITTED DESIGN.



LAKE RIM PROFILE STA 0+00 TO STA 24+00
HORIZONTAL SCALE: 1" = 200'
VERTICAL SCALE: 1" = 10'



LAKE RIM PROFILE STA 24+00 TO STA 48+00
HORIZONTAL SCALE: 1" = 200'
VERTICAL SCALE: 1" = 10'



LAKE RIM PROFILE STA 48+00 TO STA 72+00
HORIZONTAL SCALE: 1" = 200'
VERTICAL SCALE: 1" = 10'

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REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH

450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL

DESIGNED BY: NJR

GIWW TO CLOVELLY HYDRAULIC RESTORATION
2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

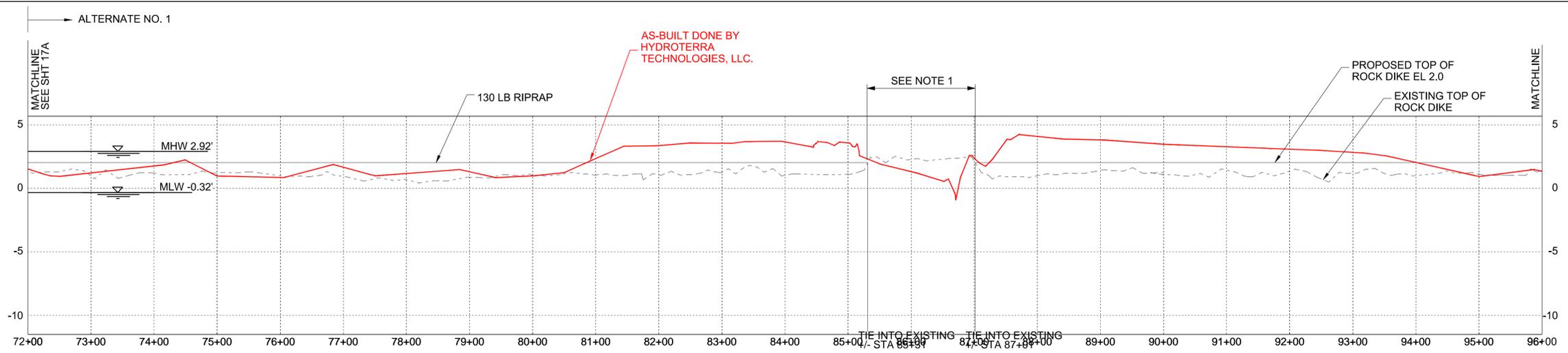
FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JPS

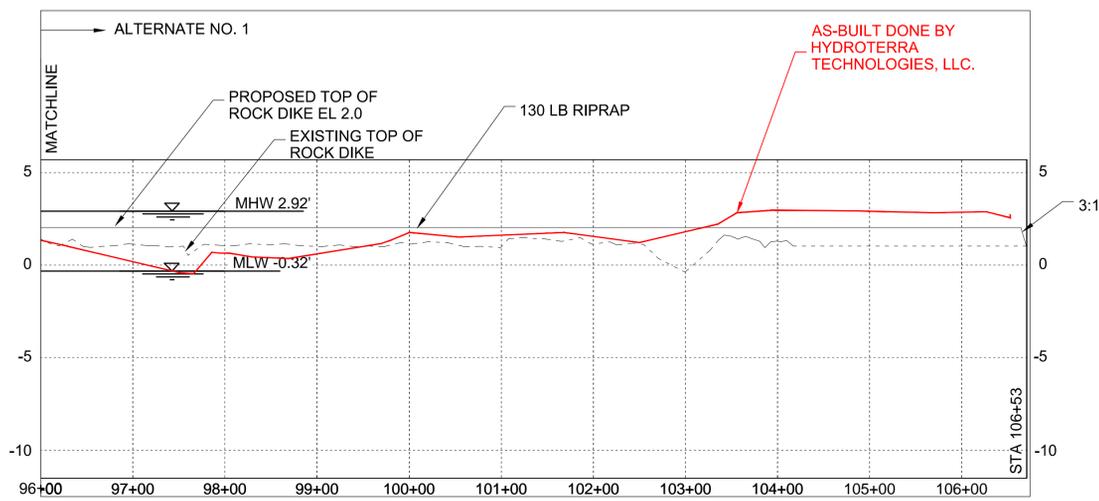
LAKE RIM -
PROFILES
BASE BID / ALTERNATE NO. 1

DATE: MARCH 2011

SHEET 17A OF 36



LAKE RIM PROFILE STA 72+00 TO STA 96+00
 HORIZONTAL SCALE: 1" = 200'
 VERTICAL SCALE: 1" = 10'



LAKE RIM PROFILE STA 96+00 TO STA 106+53
 HORIZONTAL SCALE: 1" = 200'
 VERTICAL SCALE: 1" = 10'

GENERAL SHEET NOTES

1. PLACE ROCK FLUSH AGAINST EXISTING ROCK WHERE THE TOP OF DIKE ELEVATION IS EL 2.0 OR GREATER.
2. EXISTING GRADE ELEVATIONS ARE BASED ON A COMBINATION OF 2008 AND 2010 SURVEY DATA.
3. FOR TYPICAL SECTION OF PROPOSED ROCK DIKE, SEE DETAIL C, SHEET 36.
4. RECAP EXISTING STRUCTURE ACCORDING TO THE LINES AND GRADES ON THE DRAWINGS. THE LINES AND GRADES ON THE DRAWINGS REFLECT THE ORIGINAL PERMITTED DESIGN.

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AS-BUILT DRAWING

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH

450 LAUREL STREET, SUITE 1200
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL

DESIGNED BY: NJR

GIWW TO CLOVELLY HYDRAULIC RESTORATION
 2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

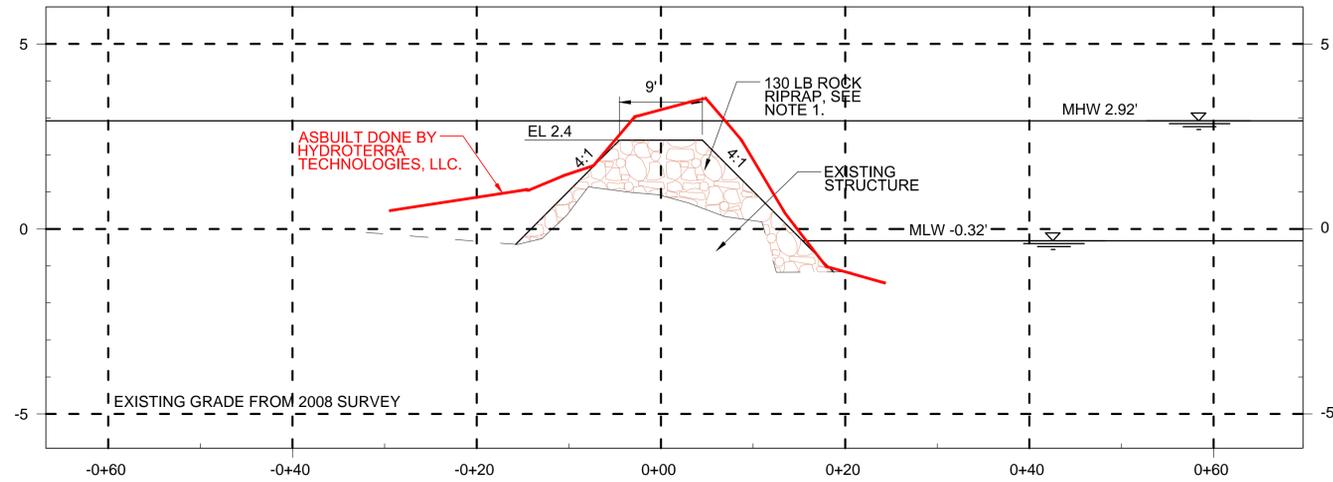
FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JPS

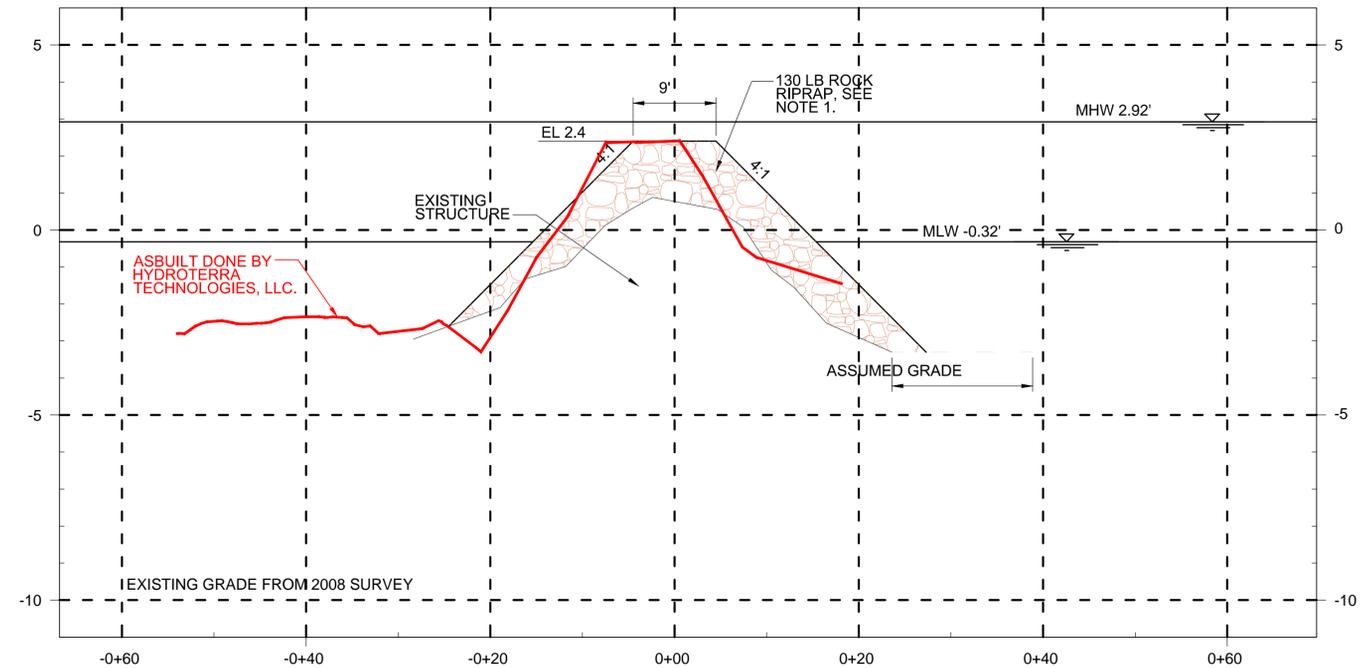
 BRETON CANAL
 PROFILES
 ALTERNATE NO. 1

DATE: MARCH 2011

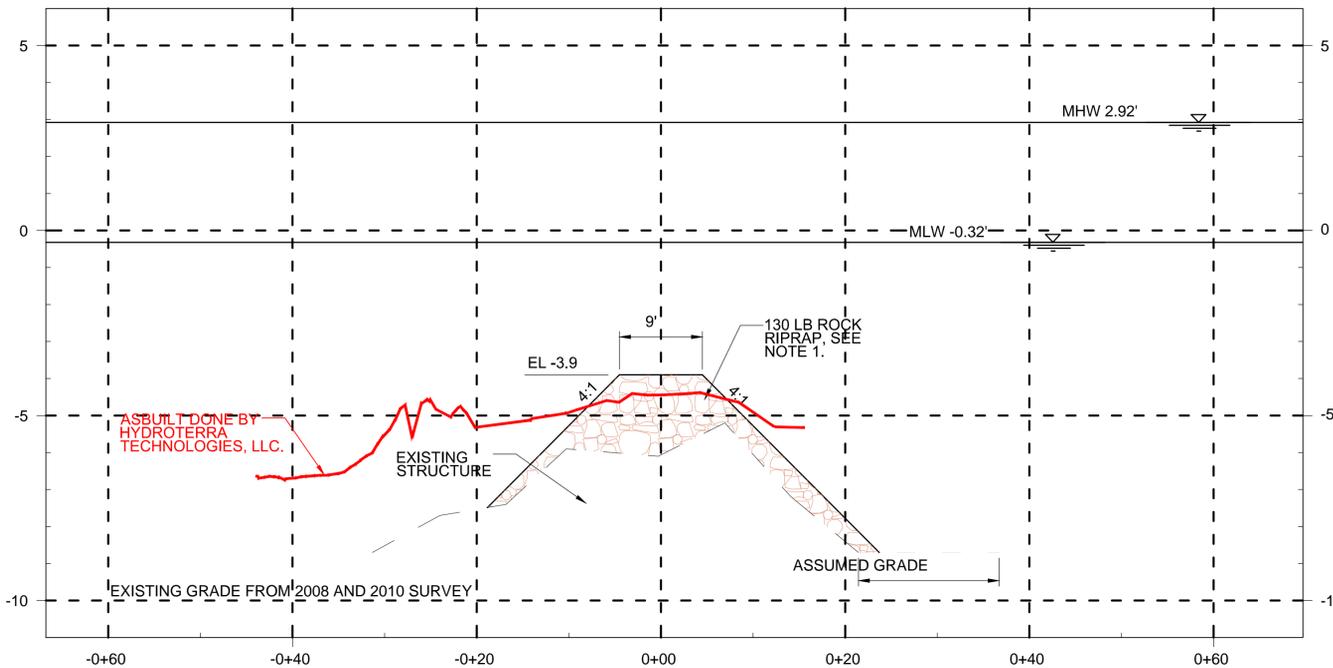
SHEET 7B OF 36



CROSS SECTION A
 AS-BUILT CROSS SECTION
 AT STA 0+23
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 5'



CROSS SECTION C
 AS-BUILT CROSS SECTION
 AT STA 1+53
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 5'



CROSS SECTION B
 AS-BUILT CROSS SECTION
 AT STA 0+87
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 5'

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AS-BUILT DRAWING

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
 ENGINEERING BRANCH

450 LAUREL STREET, SUITE 1200
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL

DESIGNED BY: NJR

GIWW TO CLOVELLY HYDRAULIC RESTORATION
 2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

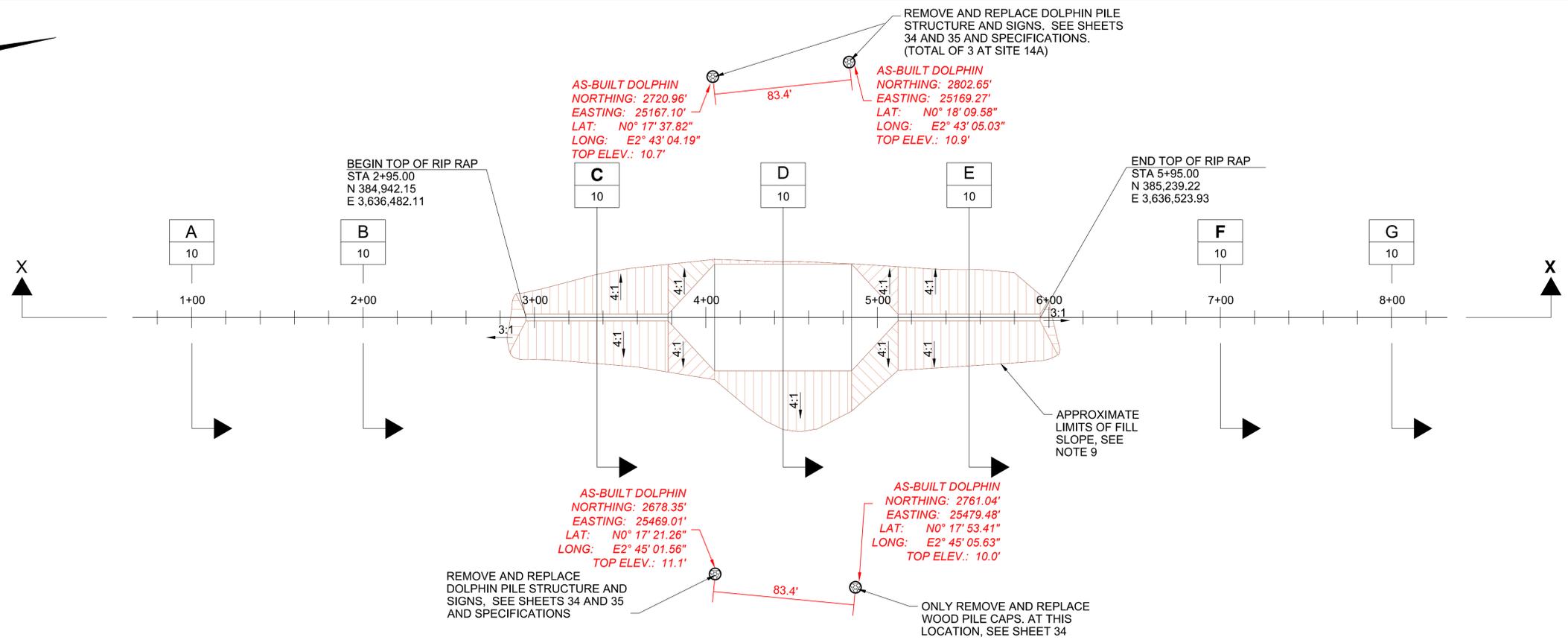
FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JPS

 SITE 4 -
 CROSS SECTIONS

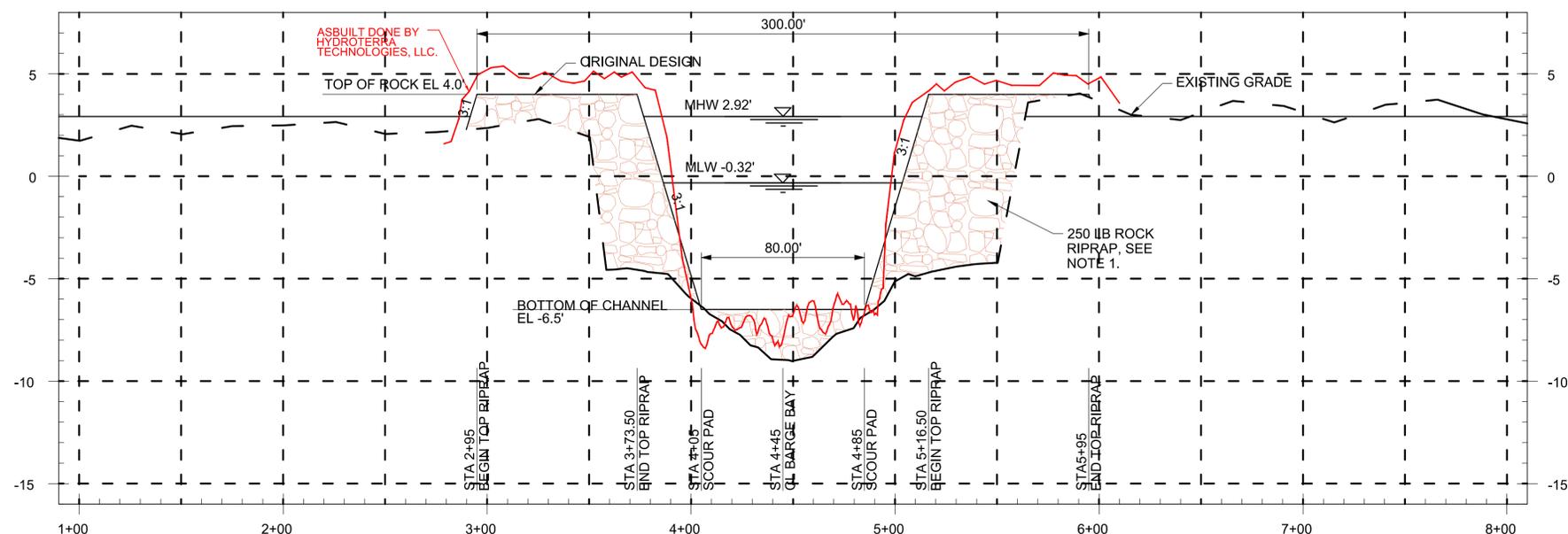
DATE: MARCH 2011

SHEET 8 OF 36



PLAN - STRUCTURE 14A
SCALE: 1" = 80'

- GENERAL SHEET NOTES**
1. RECAP EXISTING STRUCTURE ACCORDING TO THE LINES AND GRADES ON THE DRAWINGS. THE LINES AND GRADES ON THE DRAWINGS REFLECT THE ORIGINAL PERMITTED DESIGN.
 2. EXISTING GRADE ELEVATIONS ARE BASED ON 2010 SURVEY DATA.
 3. DISTURBANCE TO MARINE TRAFFIC NEEDS TO BE AVOIDED BY THE CONTRACTOR. NECESSARY WARNING SIGNS/TEMPORARY NAVIGATIONAL AIDS SHALL BE INSTALLED IN ACCORDANCE WITH USCG REGULATION. SEQUENCE OF CONSTRUCTION AND PLAN FOR MAINTAINING MARINE TRAFFIC THROUGH THE STRUCTURE SHALL BE SUBMITTED TO OCPR FOR APPROVAL.
 4. CONTRACTOR SHALL REMOVE AND PROPERLY STORE EXISTING NAVIGATION LIGHTS. CONTRACTOR SHALL MAINTAIN REMOVED LIGHTS IN WORKING ORDER AND RE-INSTALL THE LIGHTS ON THE NEW DOLPHIN PILE STRUCTURES.
 5. CONTRACTOR SHALL INSTALL TEMPORARY BENCH MARK AT SITE 14A UTILIZING SAME DATUM AS THE CONTROL MONUMENTS. SEE SPECIFICATIONS.
 6. CONTRACTOR TO VERIFY LOCATION OF AND DISTANCE BETWEEN EXISTING PILE STRUCTURES PRIOR TO REMOVAL.
 7. CONTRACTOR TO COORDINATE LOCATION OF NEW PILE STRUCTURES WITH OCPR PROJECT ENGINEER OR ASSIGNED PROJECT REPRESENTATIVE PRIOR TO INSTALLATION.
 8. CONTRACTOR SHALL PLACE FILL SLOPE UNTIL EXISTING BOTTOM IS REACHED.



STRUCTURE 14A PROFILE X-X
HORIZONTAL SCALE: 1" = 80'
VERTICAL SCALE: 1" = 8'

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AS-BUILT DRAWING

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH

450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL

DESIGNED BY: NJR

GIWW TO CLOVELLY HYDRAULIC RESTORATION
2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JPS

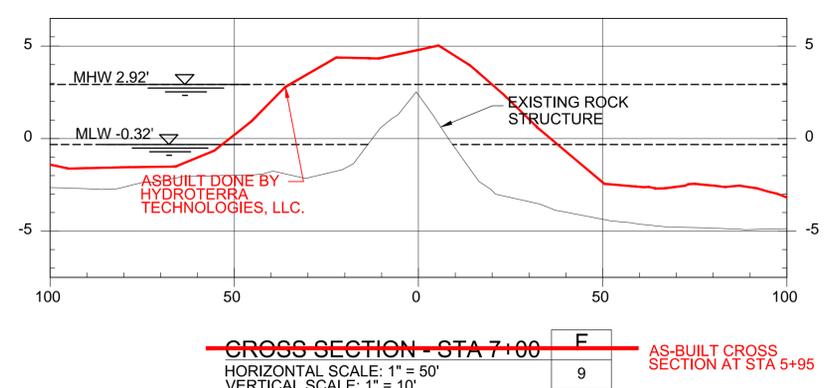
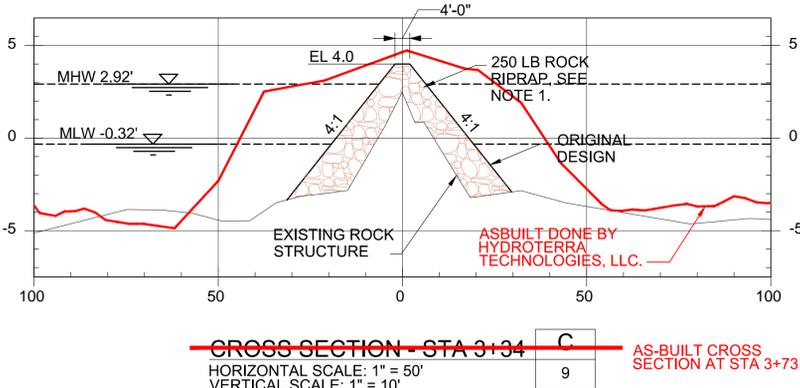
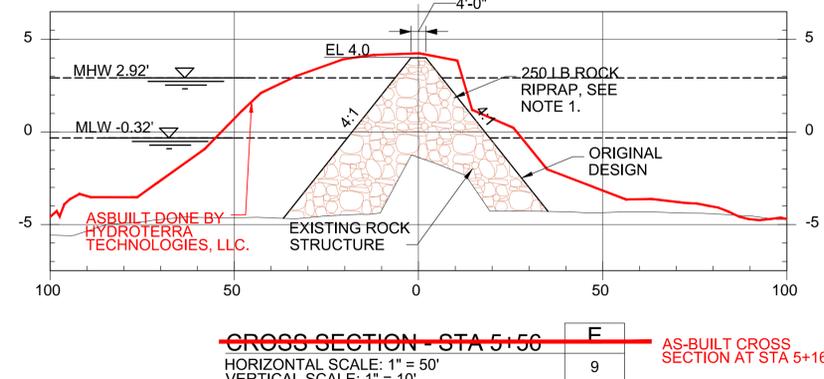
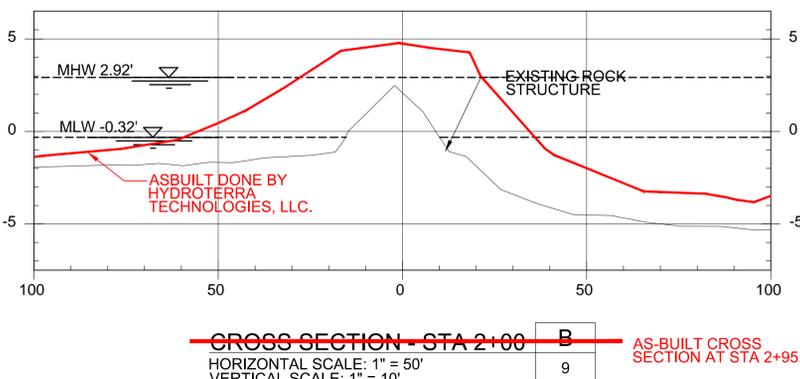
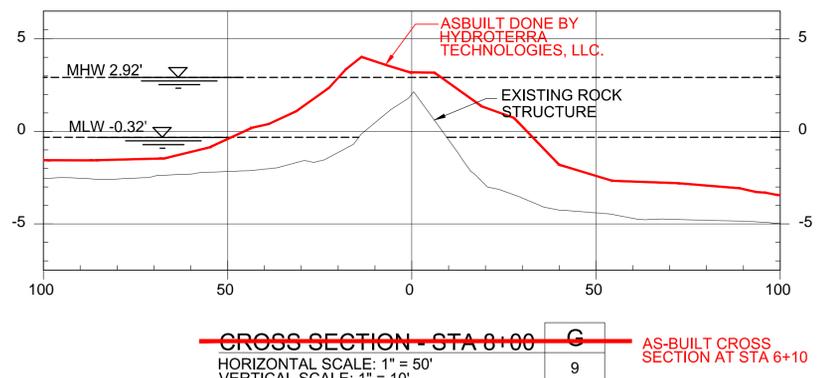
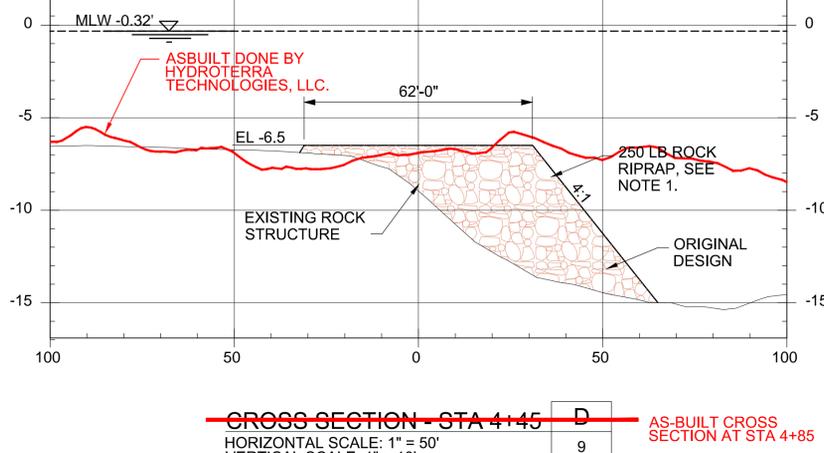
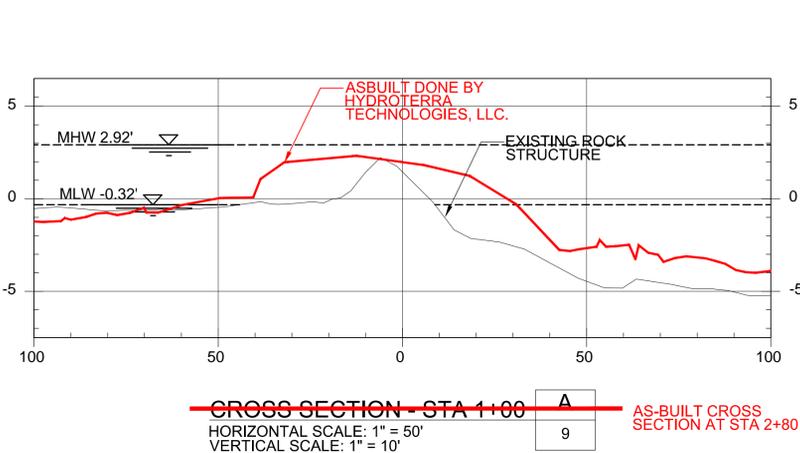
SITE 14A -
PLAN AND PROFILE

DATE: MARCH 2011

SHEET 9 OF 36

GENERAL SHEET NOTES

1. RECAP EXISTING STRUCTURE ACCORDING TO THE LINES AND GRADES ON THE DRAWINGS. THE LINES AND GRADES ON THE DRAWINGS REFLECT THE ORIGINAL PERMITTED DESIGN.
2. EXISTING GRADE ELEVATIONS ARE BASED ON 2010 SURVEY DATA.



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AS-BUILT DRAWING

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET, SUITE 1200
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL DESIGNED BY: NJR

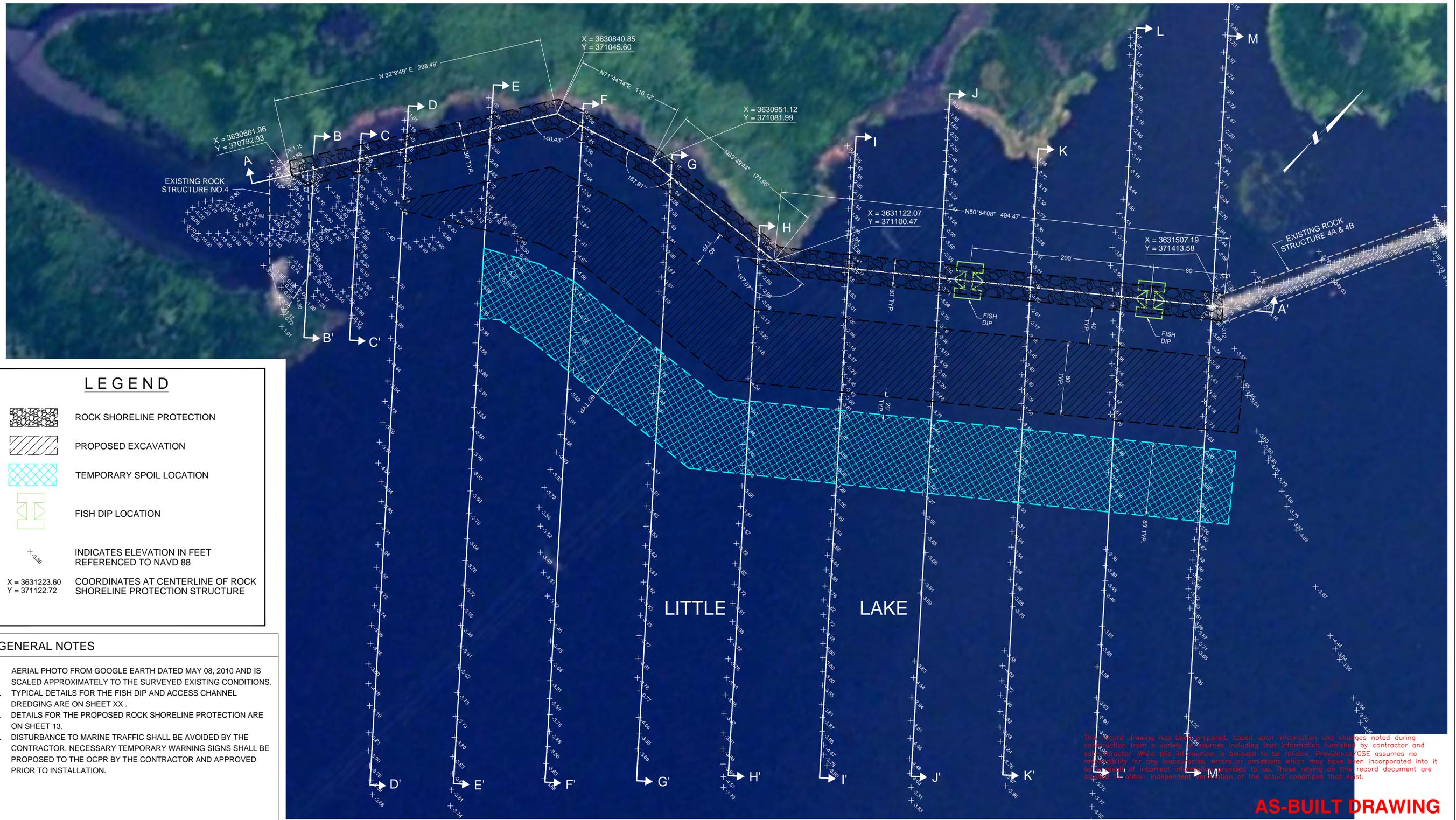
GIWW TO CLOVELLY HYDRAULIC RESTORATION
 2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02
 FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JPS

 SITE 14A -
 CROSS SECTIONS

DATE: MARCH 2011
 SHEET 10 OF 36

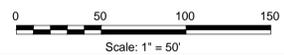


LEGEND

-  ROCK SHORELINE PROTECTION
-  PROPOSED EXCAVATION
-  TEMPORARY SPOIL LOCATION
-  FISH DIP LOCATION
-  INDICATES ELEVATION IN FEET REFERENCED TO NAVD 88
-  COORDINATES AT CENTERLINE OF ROCK SHORELINE PROTECTION STRUCTURE

GENERAL NOTES

1. AERIAL PHOTO FROM GOOGLE EARTH DATED MAY 08, 2010 AND IS SCALED APPROXIMATELY TO THE SURVEYED EXISTING CONDITIONS.
2. TYPICAL DETAILS FOR THE FISH DIP AND ACCESS CHANNEL DREDGING ARE ON SHEET XX .
3. DETAILS FOR THE PROPOSED ROCK SHORELINE PROTECTION ARE ON SHEET 13.
4. DISTURBANCE TO MARINE TRAFFIC SHALL BE AVOIDED BY THE CONTRACTOR. NECESSARY TEMPORARY WARNING SIGNS SHALL BE PROPOSED TO THE OCPB BY THE CONTRACTOR AND APPROVED PRIOR TO INSTALLATION.



REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70801

DRAWN BY: PG DESIGNED BY: J Birmingham

GIWW TO CLOVELLY
 HYDROLOGIC RESTORATION PROJECT

STATE PROJECT NUMBER: BA-02
 FEDERAL PROJECT NUMBER: BA-02

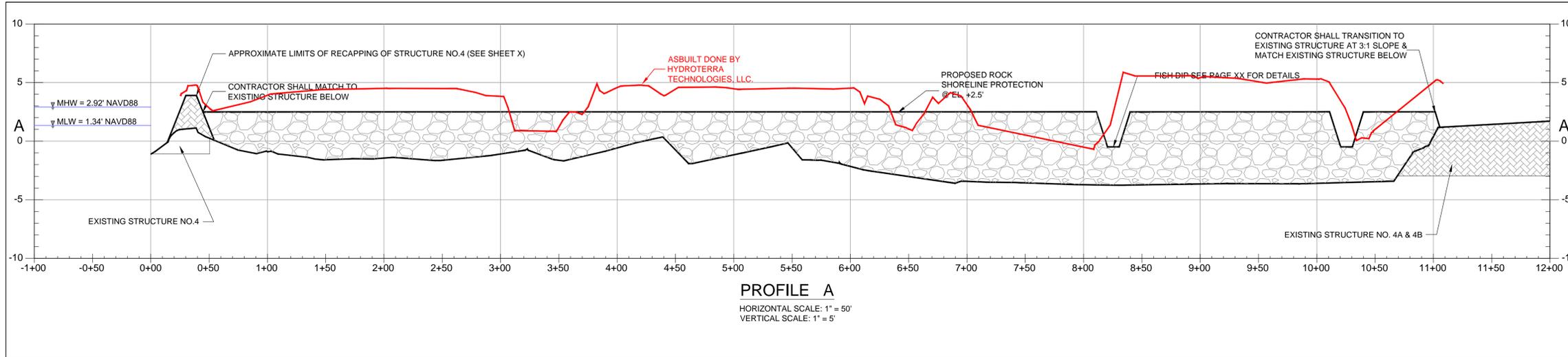
APPROVED BY: C. Truitt

SITE 4 TO 4A/4B
 PLAN

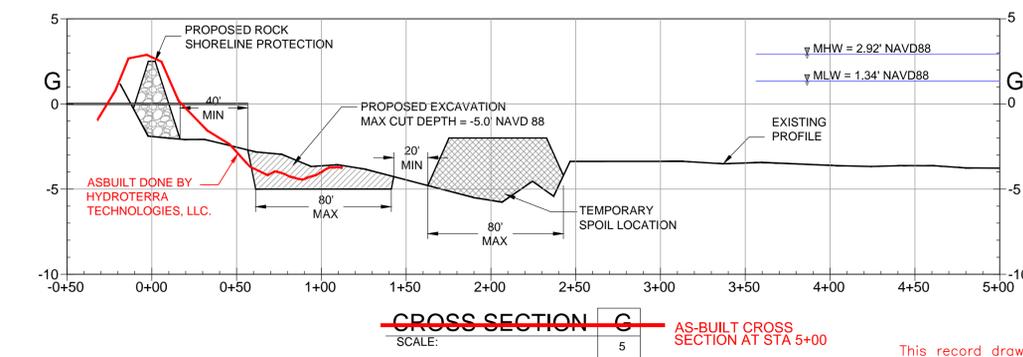
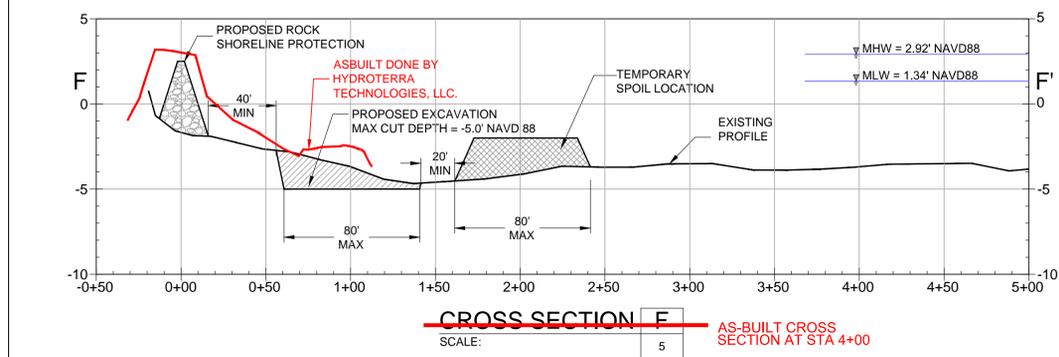
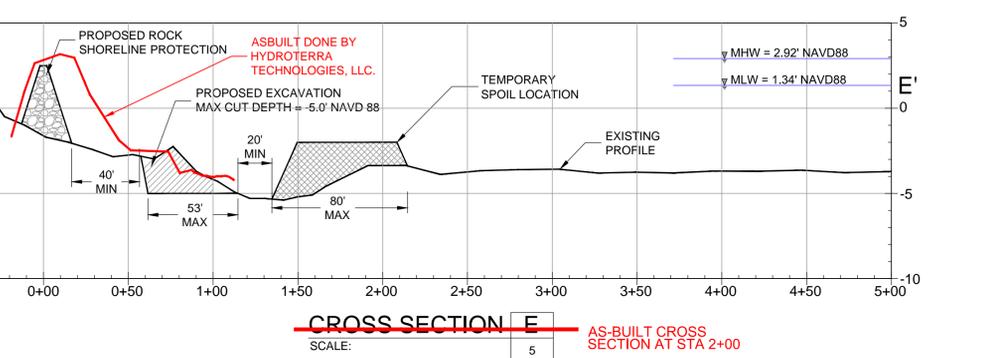
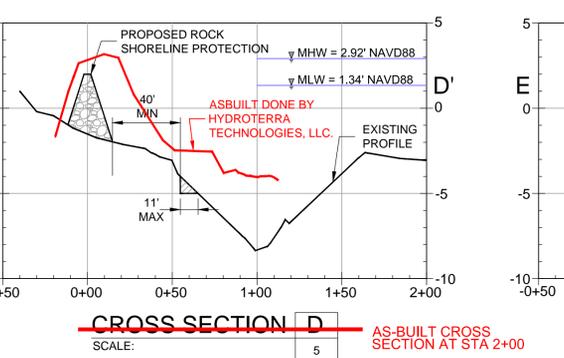
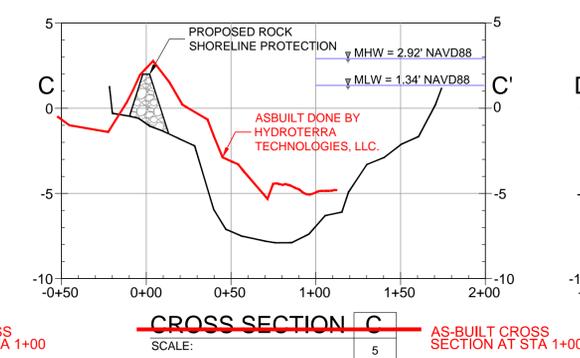
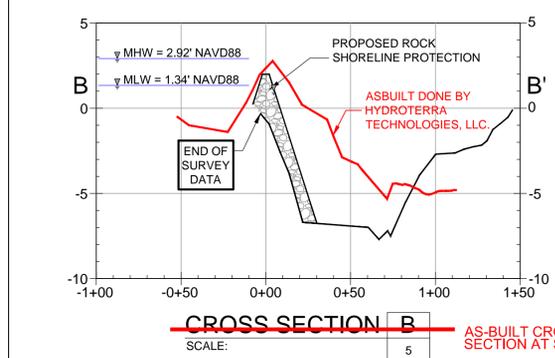
DATE: 2011-01-14
 SHEET 11 OF TOT_SH

This record drawing has been prepared, based upon information and changes noted during construction from a variety of sources including that information furnished by contractor and subcontractor. While this information is believed to be reliable, Providence/GSE assumes no responsibility for any inaccuracies, errors or omissions which may have been incorporated into it as a result of incorrect information provided to us. Those relying on this record document are advised to obtain independent verification of the actual conditions that exist.

AS-BUILT DRAWING



- GENERAL SHEET NOTES**
1. TYPICAL DETAILS FOR THE FISH DIP AND ACCESS CHANNEL DREDGING ARE ON SHEET XX.
 2. DETAILS FOR THE NEW ROCK SHORELINE PROTECTION ARE ON SHEET 13.
 3. EXISTING GRADE ELEVATIONS ARE BASED ON 2008 SURVEY DATA UNLESS SHOWN OTHERWISE.



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AS-BUILT DRAWING

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

DRAWN BY: PG DESIGNED BY: J Birmingham

GIWW TO CLOVELLY
HYDROLOGIC RESTORATION PROJECT

STATE PROJECT NUMBER: BA-02
FEDERAL PROJECT NUMBER: BA-02

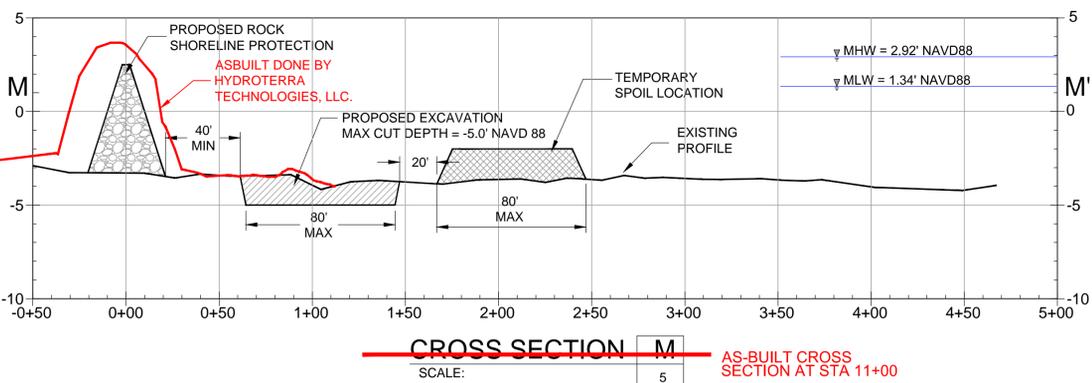
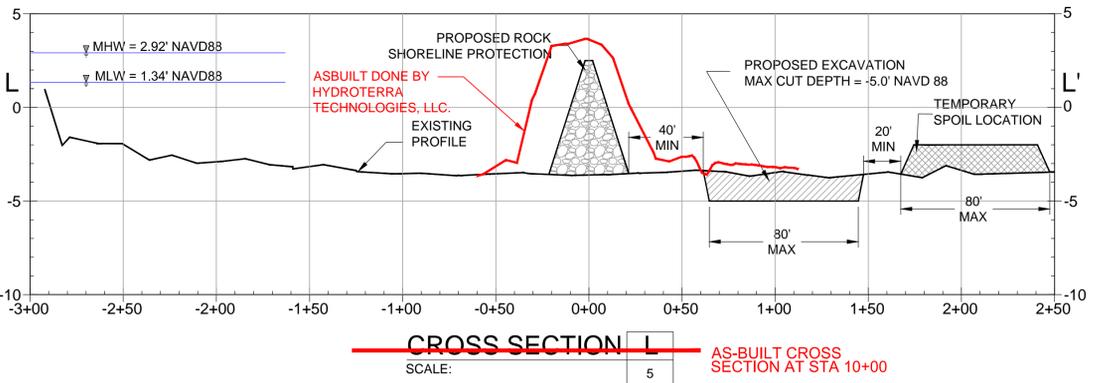
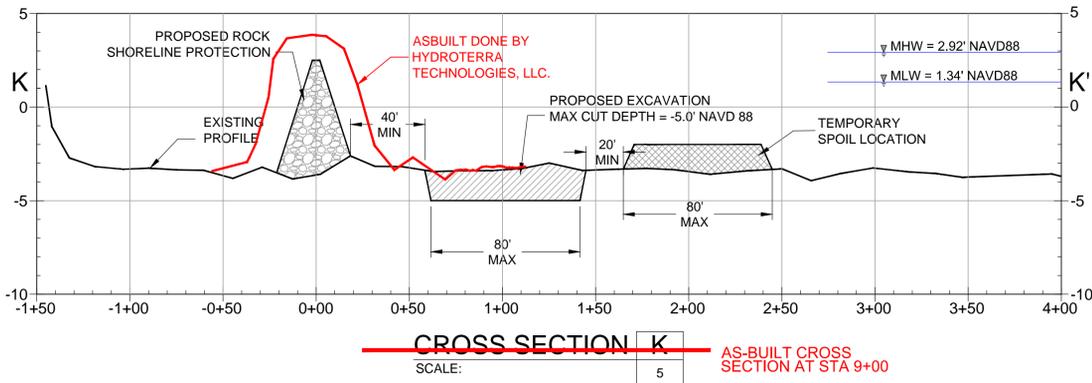
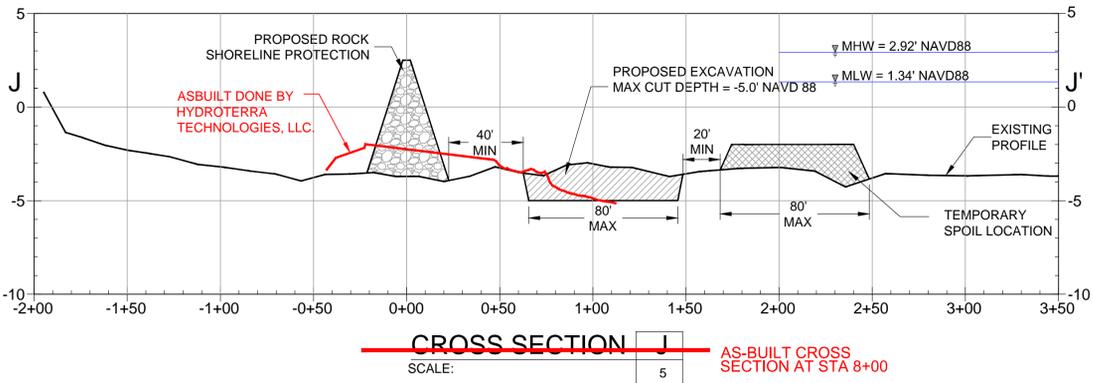
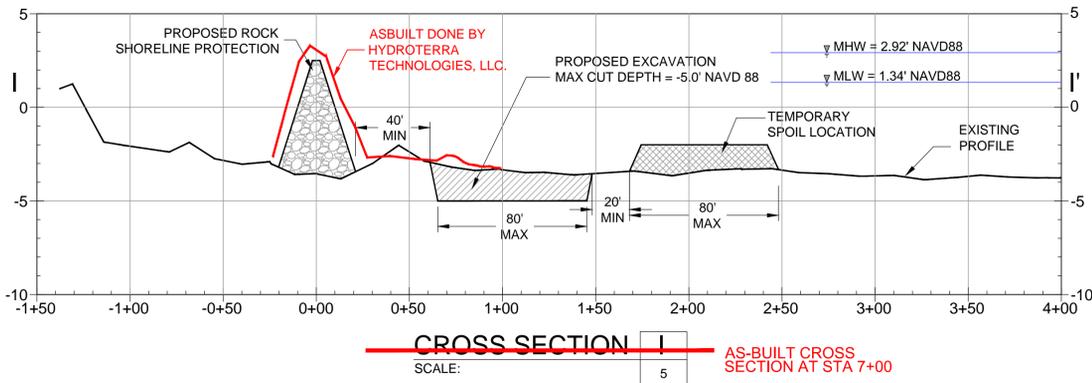
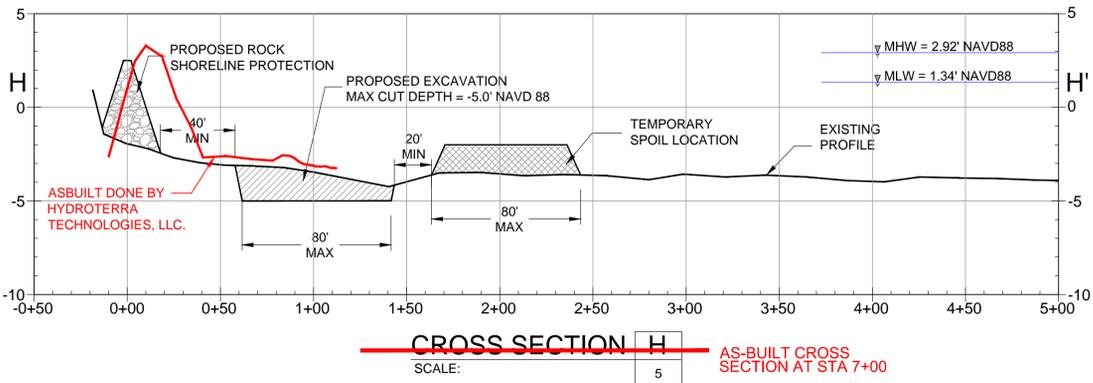
APPROVED BY: C. Truitt

Site 4 to 4A/4B
PROFILE &
CROSS SECTIONS

DATE: 2011-01-14
SHEET 12 OF TOT_SH

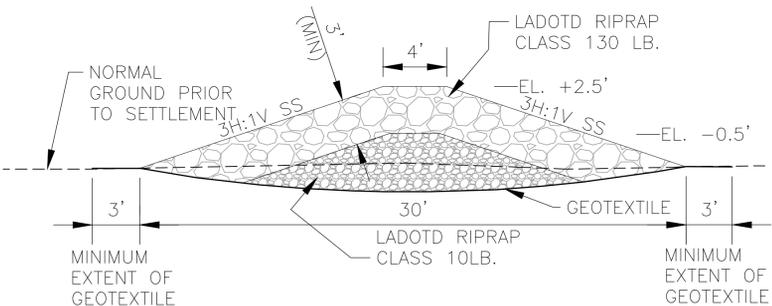
GENERAL SHEET NOTES

- EXISTING GRADE ELEVATIONS ARE BASED ON 2008 SURVEY DATA UNLESS SHOWN OTHERWISE.



Station	Area	Volume	Cumulative Volume
0+22.61	5.49	0.00	0.00 (CuYds)
1+00.00	73.49	113.19	113.19 (CuYds)
2+00.00	80.77	285.66	398.85 (CuYds)
3+00.00	66.15	272.08	670.93 (CuYds)
4+00.00	78.74	266.83	937.75 (CuYds)
5+00.00	89.90	312.14	1249.89 (CuYds)
6+00.00	93.13	338.93	1588.82 (CuYds)
7+00.00	132.20	418.49	2007.31 (CuYds)
8+00.00	156.15	533.99	2541.30 (CuYds)
8+08.50	226.41	60.18	2601.48 (CuYds)
8+20.50	189.71	92.47	2693.95 (CuYds)
8+30.50	189.30	70.19	2764.14 (CuYds)
8+42.50	226.43	92.38	2856.53 (CuYds)
9+00.00	149.75	400.60	3257.13 (CuYds)
10+00.00	140.90	538.24	3795.36 (CuYds)
10+08.49	220.36	56.82	3852.18 (CuYds)
10+20.49	186.43	90.40	3942.58 (CuYds)
10+30.50	182.41	68.36	4010.93 (CuYds)
10+42.49	208.70	86.81	4097.74 (CuYds)
11+00.00	53.34	279.09	4376.83 (CuYds)
11+02.16	45.36	3.95	4380.78 (CuYds)
TONNAGE = (1.5 X 4380.78)		2,869.785 TONS	

Station	Area	Volume	Cumulative Volume
11+02.16	93.12	0.00	0.00 (CuYds)
12+00.00	106.83	364.92	364.92 (CuYds)
13+00.00	116.41	413.41	778.33 (CuYds)
14+00.00	102.13	404.71	1183.04 (CuYds)
15+00.00	91.58	358.73	1541.76 (CuYds)
16+00.00	88.39	333.29	1875.05 (CuYds)
16+08.72	147.73	38.14	1913.19 (CuYds)
TONNAGE = (1.5 X 1913.19)		2,869.785 TONS	



ROCK SHORELINE PROTECTION - TYPICAL SECTION

N.T.S.

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AS-BUILT DRAWING

REV.	DATE	DESCRIPTION	BY

OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70801

DRAWN BY: PG DESIGNED BY: J Birmingham

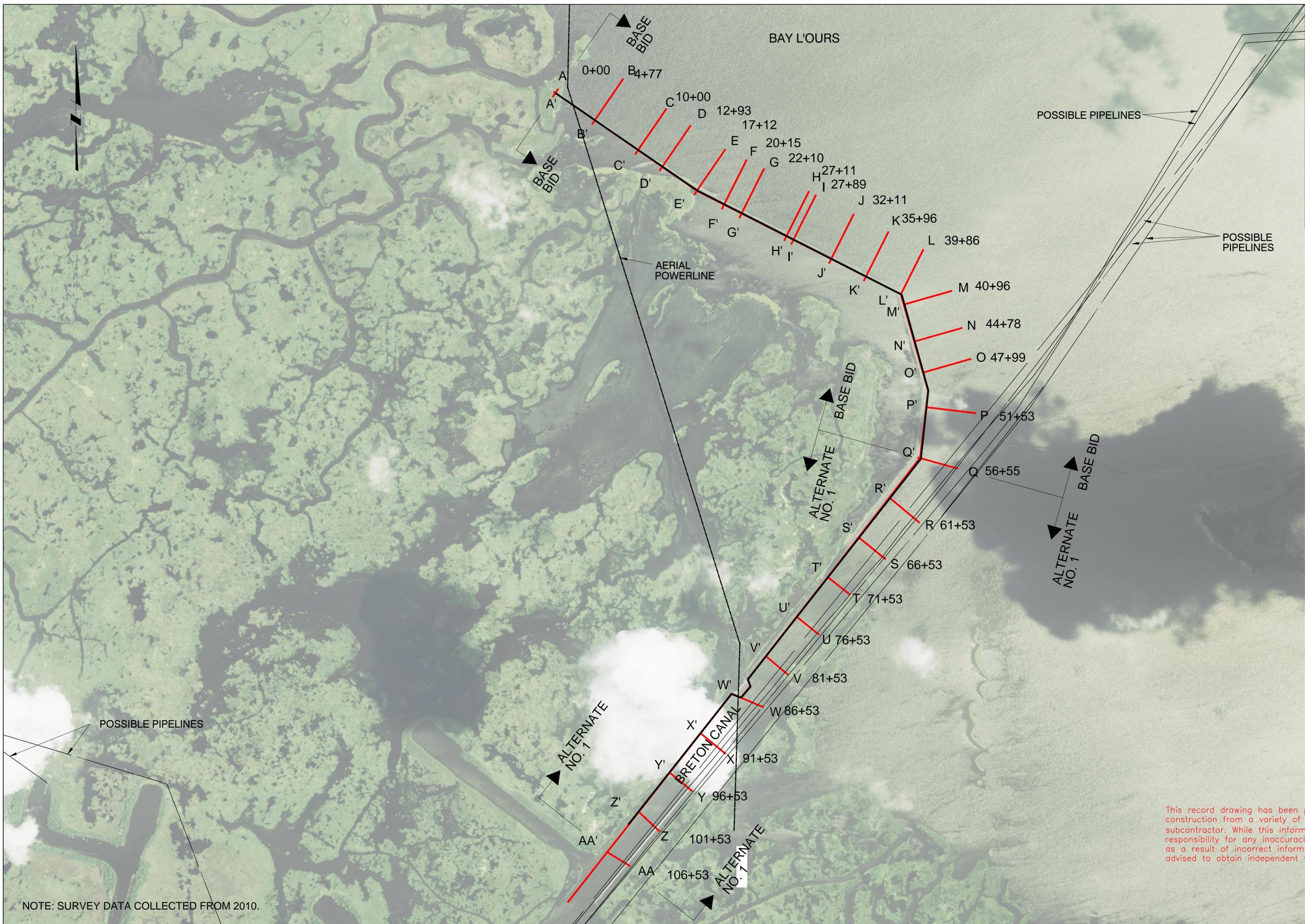
GIWW TO CLOVELLY
 HYDROLOGIC RESTORATION PROJECT

STATE PROJECT NUMBER: BA-02
 FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: C. Truitt

Site 4 to 4A/4B
 CROSS SECTIONS

DATE: 2011-01-14
 SHEET 13 OF TOT_SH



- GENERAL SHEET NOTES**
1. DISTURBANCE TO MARINE TRAFFIC NEEDS TO BE AVOIDED BY THE CONTRACTOR. NECESSARY WARNING SIGNS/TEMPORARY NAVIGATIONAL AIDS SHALL BE INSTALLED IN ACCORDANCE WITH USCG REGULATION. SEQUENCE OF CONSTRUCTION AND PLAN FOR MAINTAINING MARINE TRAFFIC THROUGH THE STRUCTURE SHALL BE SUBMITTED TO OCPD FOR APPROVAL.
 2. SEE NOTE 4 AND 5, SHEET 2.
 3. BASE BID ACCOUNTS FOR WORK ALONG LAKE RIM FROM STA 0+00 TO STA 56+55.
 4. ALTERNATE NO.1 ACCOUNTS FOR WORK ALONG BRETON CANAL FROM STA 56+55 TO STA 106+53.

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AS-BUILT DRAWING

NOTE: SURVEY DATA COLLECTED FROM 2010.

PLAN VIEW
Scale = 1" = 1,000'

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL DESIGNED BY: NJR

GIWW TO CLOVELLY HYDRAULIC RESTORATION
2010 MAINTENANCE PROJECT

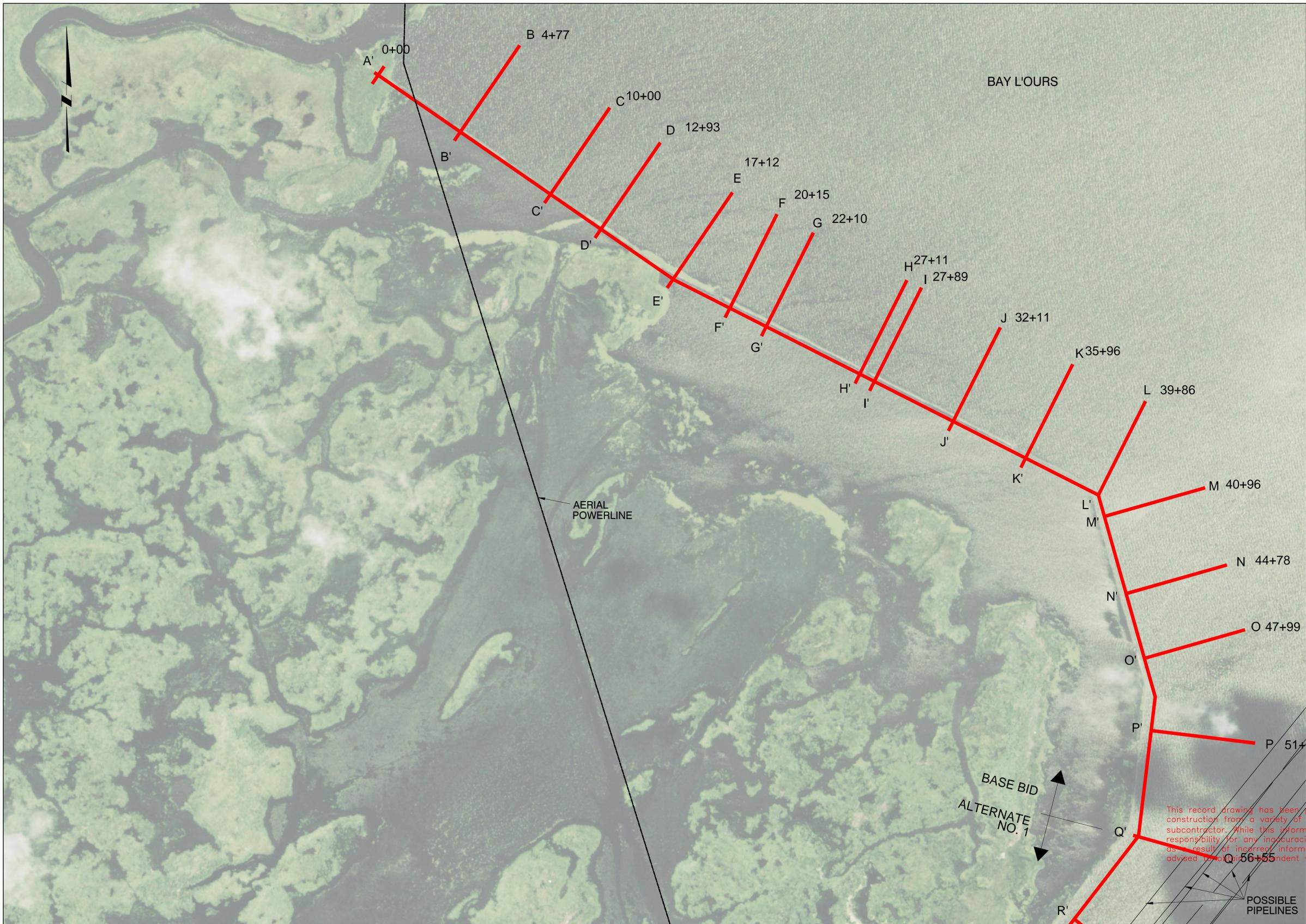
STATE PROJECT NUMBER: BA-02
FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JPS

LAKE RIM / BRETON CANAL
OVERALL PLAN

DATE: MARCH 2011

SHEET 15 OF 36



- GENERAL SHEET NOTES**
1. DISTURBANCE TO MARINE TRAFFIC NEEDS TO BE AVOIDED BY THE CONTRACTOR. NECESSARY WARNING SIGNS/TEMPORARY NAVIGATIONAL AIDS SHALL BE INSTALLED IN ACCORDANCE WITH USCG REGULATION. SEQUENCE OF CONSTRUCTION AND PLAN FOR MAINTAINING MARINE TRAFFIC THROUGH THE STRUCTURE SHALL BE SUBMITTED TO OCPR FOR APPROVAL.
 2. SEE NOTE 4 AND 5, SHEET 2.
 3. BASE BID ACCOUNTS FOR WORK ALONG LAKE RIM FROM STA 0+00 TO STA 56+55.
 4. ALTERNATE NO.1 ACCOUNTS FOR WORK ALONG BRETON CANAL FROM STA 56+55 TO STA 106+53.

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AS-BUILT DRAWING

PLAN VIEW
Scale = 1" = 400'

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL DESIGNED BY: NJR

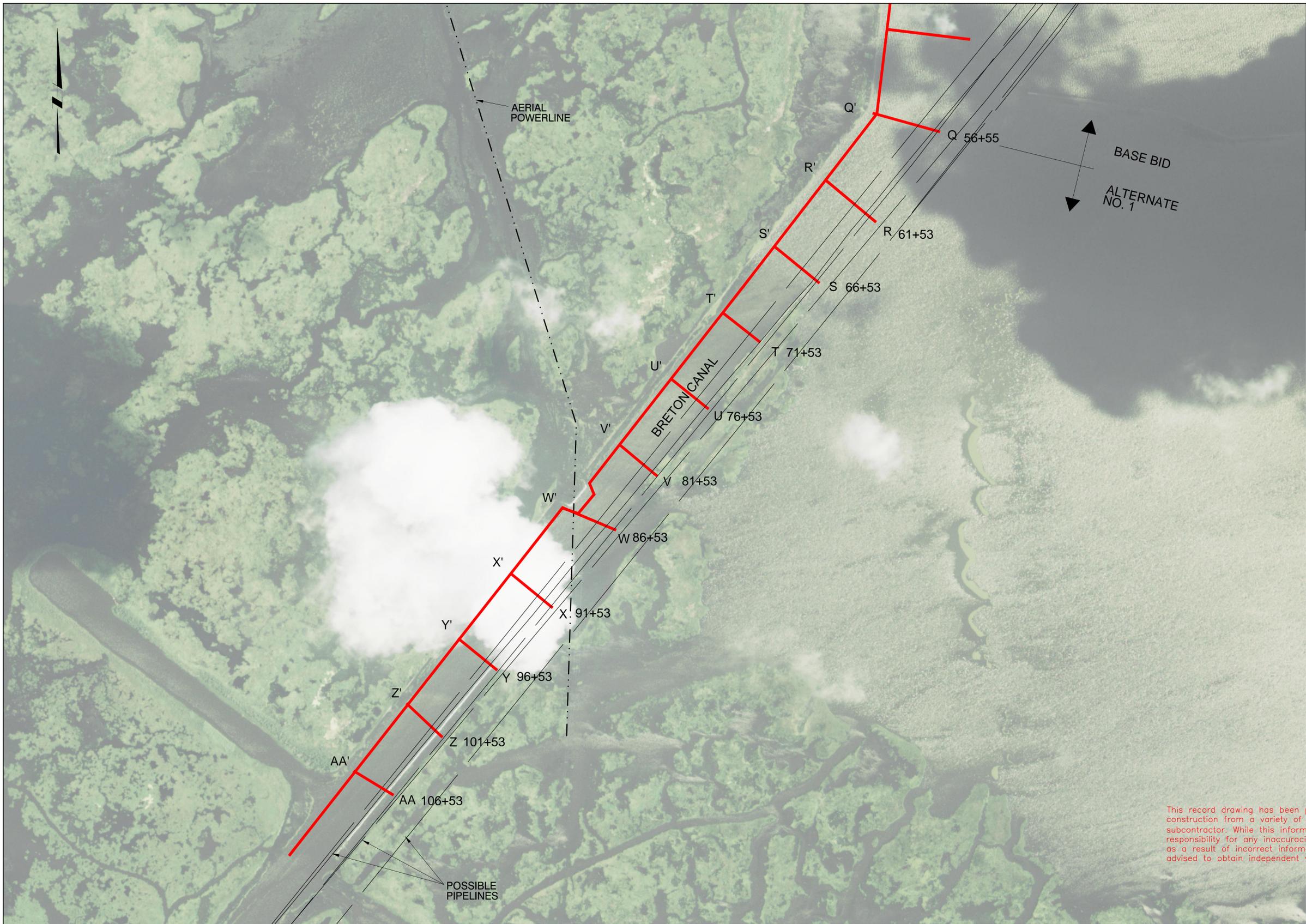
GIWW TO CLOVELLY HYDRAULIC RESTORATION
2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02
FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JPS

LAKE RIM - PLAN
STA 0+00 TO STA 56+55
BASE BID

DATE: MARCH 2011
SHEET 16 OF 36



GENERAL SHEET NOTES

1. DISTURBANCE TO MARINE TRAFFIC NEEDS TO BE AVOIDED BY THE CONTRACTOR. NECESSARY WARNING SIGNS/TEMPORARY NAVIGATIONAL AIDS SHALL BE INSTALLED IN ACCORDANCE WITH USCG REGULATION. SEQUENCE OF CONSTRUCTION AND PLAN FOR MAINTAINING MARINE TRAFFIC THROUGH THE STRUCTURE SHALL BE SUBMITTED TO OCPD FOR APPROVAL.
2. SEE NOTE 4 AND 5, SHEET 2.
3. BASE BID ACCOUNTS FOR WORK ALONG LAKE RIM FROM STA 0+00 TO STA 56+55.
4. ALTERNATE NO.1 ACCOUNTS FOR WORK ALONG BRETON CANAL FROM STA 56+55 TO STA 106+53.

BASE BID
ALTERNATE NO. 1

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AS-BUILT DRAWING

PLAN VIEW
Scale = 1" = 500'

REV.	DATE	DESCRIPTION	BY
A	9-2011	ADDENDUM 1-RE-LABELLED CROSS SECTIONS	LKL



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70804

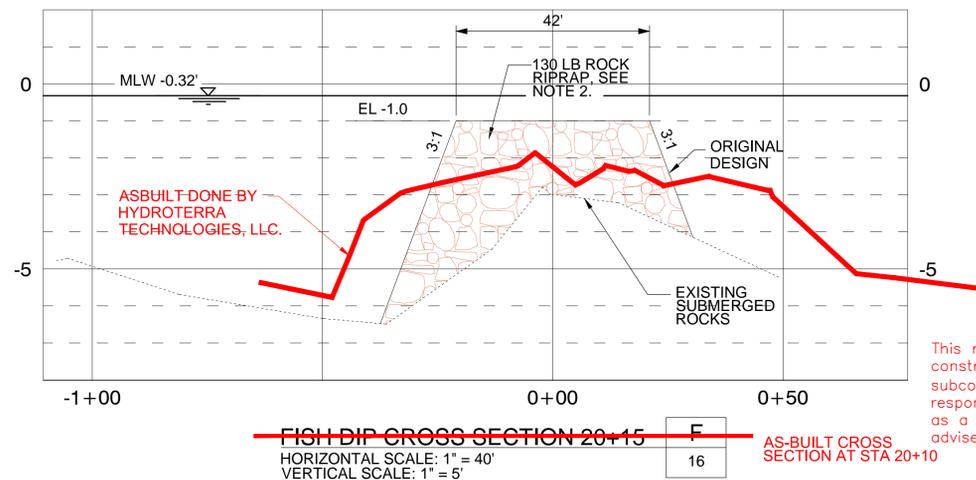
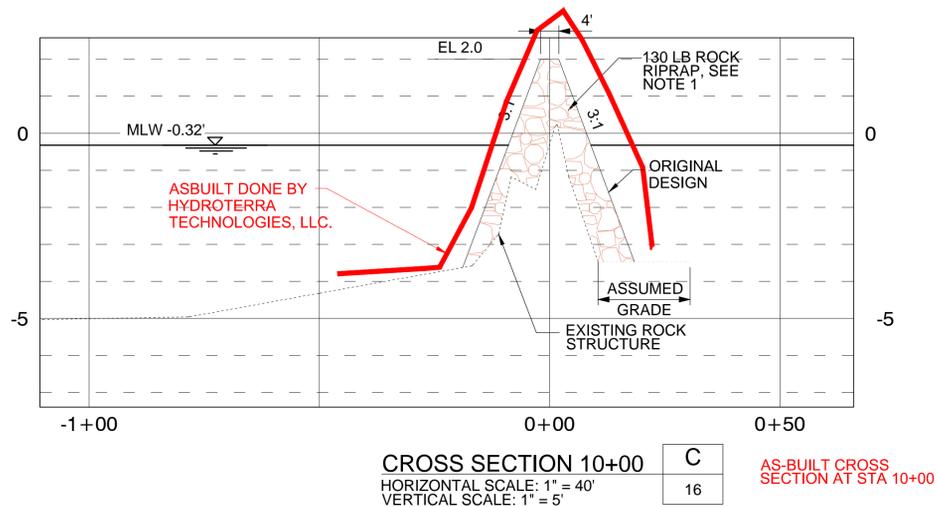
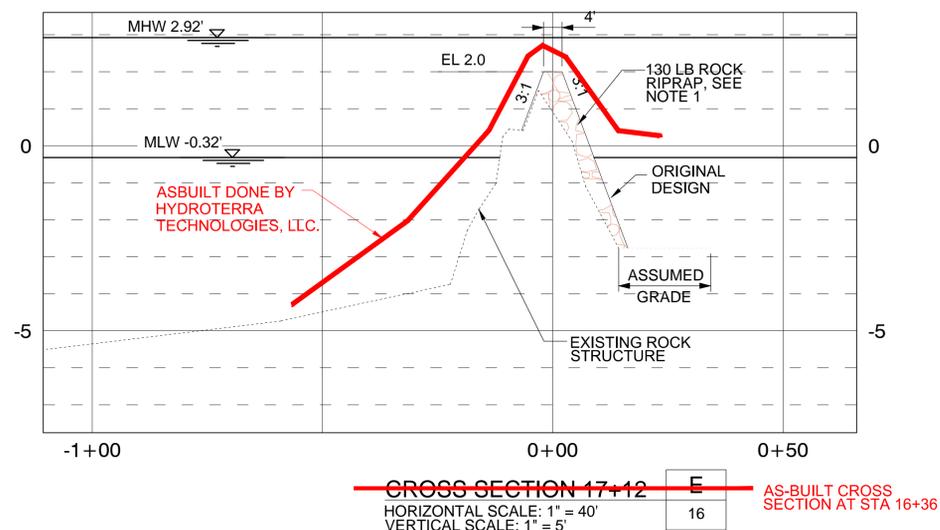
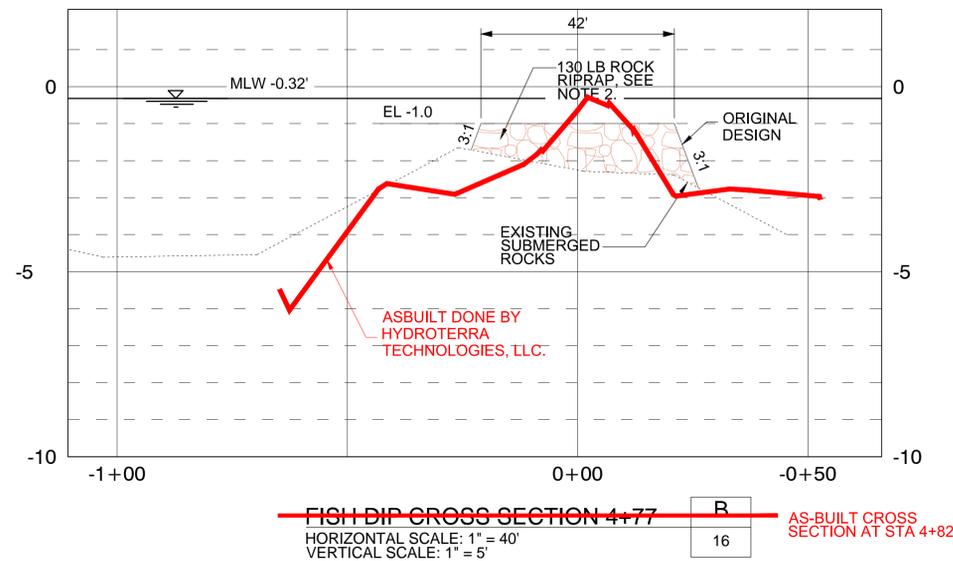
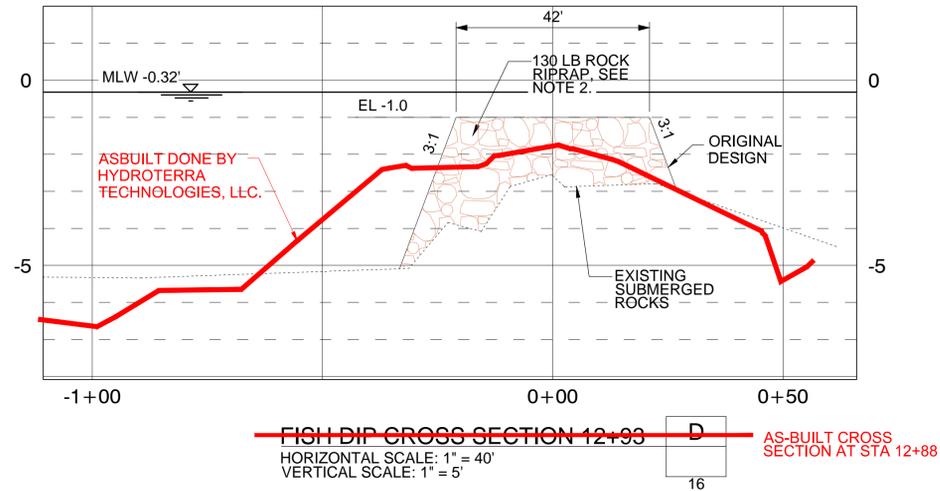
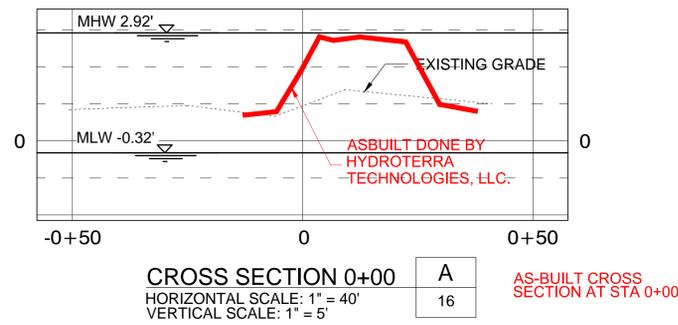
GIWW TO CLOVELLY HYDRAULIC RESTORATION
2010 MAINTENANCE PROJECT
STATE PROJECT NUMBER: BA-02
FEDERAL PROJECT NUMBER: BA-02
APPROVED BY: JPS

BRETON CANAL PLAN
STA 56+55 TO STA 106+53
ALTERNATE NO. 1
DATE: MARCH 2011
SHEET 17 OF 36

DRAWN BY: LKL DESIGNED BY: NJR

GENERAL SHEET NOTES

1. RECAP EXISTING STRUCTURE ACCORDING TO THE LINES AND GRADES ON THE DRAWINGS. THE LINES AND GRADES ON THE DRAWINGS REFLECT THE ORIGINAL PERMITTED DESIGN.
2. RECAP EXISTING FISH DIP ACCORDING TO ORIGINAL DESIGN DETAIL. SEE DETAIL A, SHEET 36
3. EXISTING GRADE ELEVATIONS ARE BASED ON 2010 SURVEY DATA UNLESS SHOWN OTHERWISE.



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AS-BUILT DRAWING

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH

450 LAUREL STREET, SUITE 1200
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL

DESIGNED BY: NJR

GIWW TO CLOVELLY HYDRAULIC RESTORATION
 2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JPS

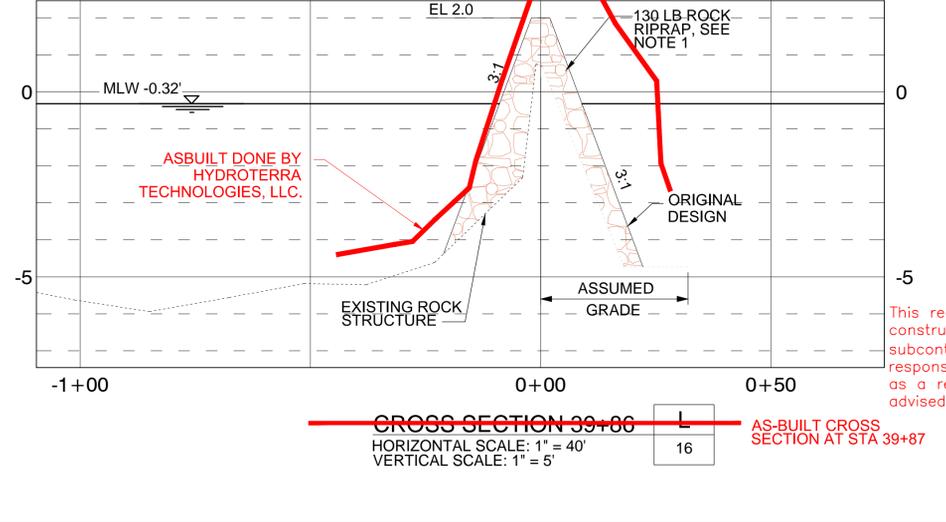
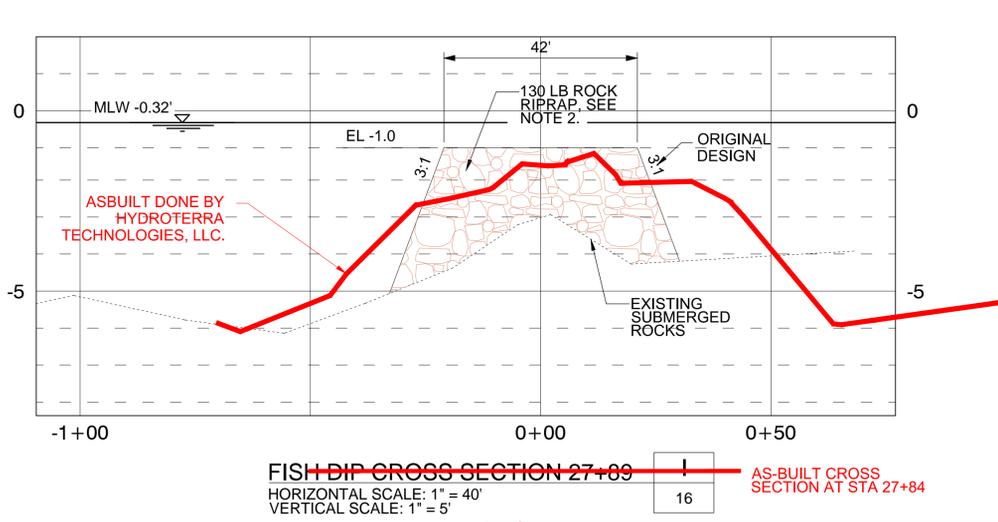
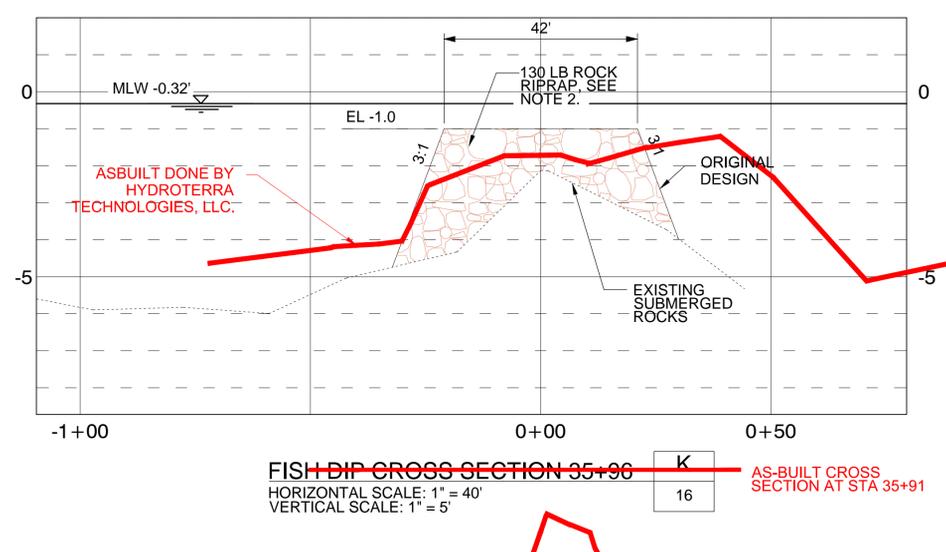
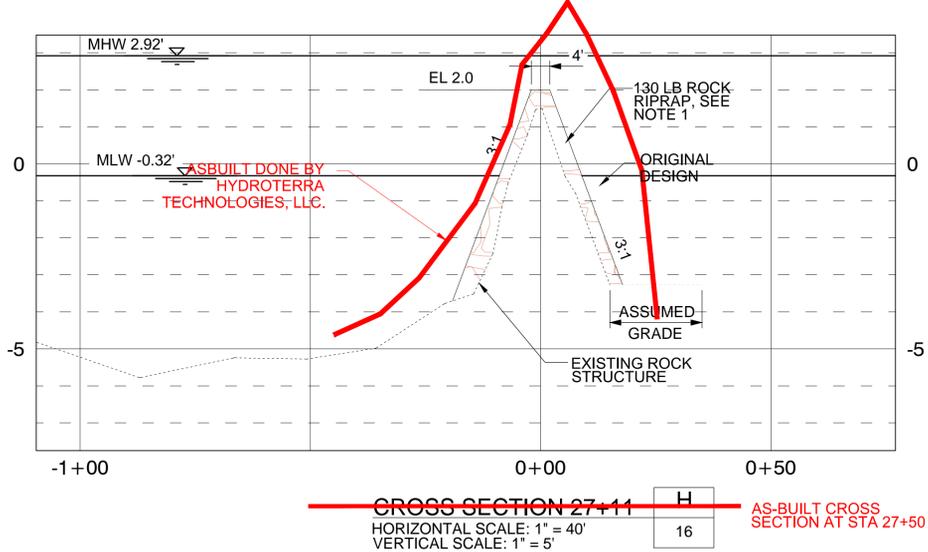
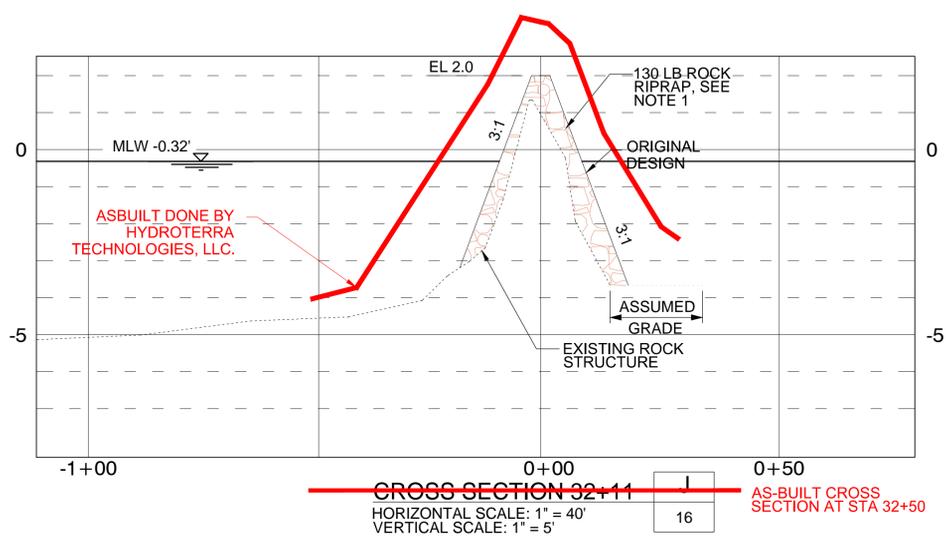
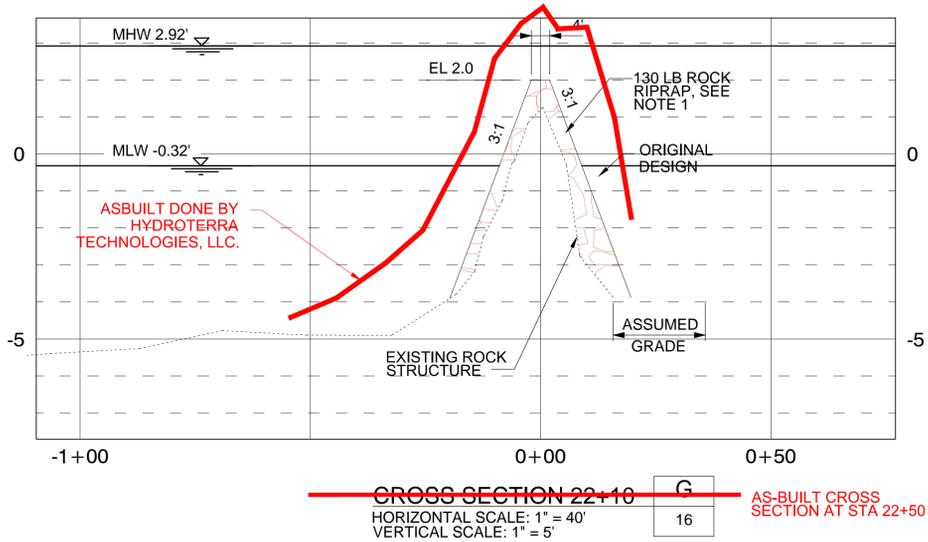
LAKE RIM -
 CROSS SECTIONS
 BASE BID

DATE: MARCH 2011

SHEET 18 OF 36

GENERAL SHEET NOTES

1. RECAP EXISTING STRUCTURE ACCORDING TO THE LINES AND GRADES ON THE DRAWINGS. THE LINES AND GRADES ON THE DRAWINGS REFLECT THE ORIGINAL PERMITTED DESIGN.
2. RECAP EXISTING FISH DIP ACCORDING TO ORIGINAL DESIGN DETAIL. SEE DETAIL A, SHEET 36
3. EXISTING GRADE ELEVATIONS ARE BASED ON 2010 SURVEY DATA UNLESS SHOWN OTHERWISE.



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AS-BUILT DRAWING

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET, SUITE 1200
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL DESIGNED BY: NJR

GIWW TO CLOVELLY HYDRAULIC RESTORATION
 2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JPS

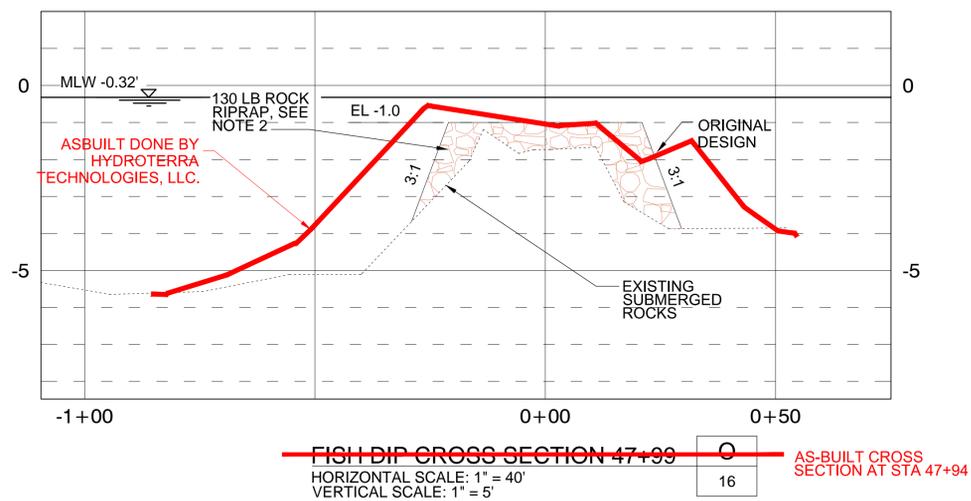
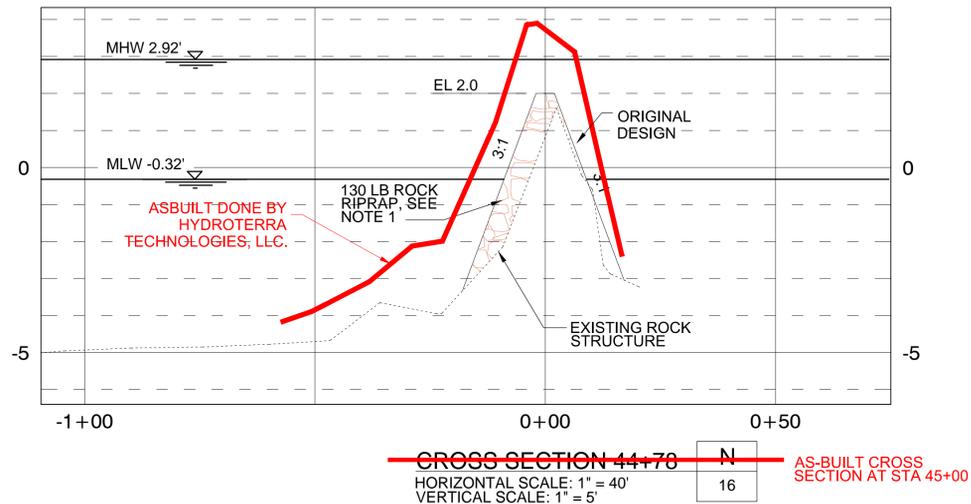
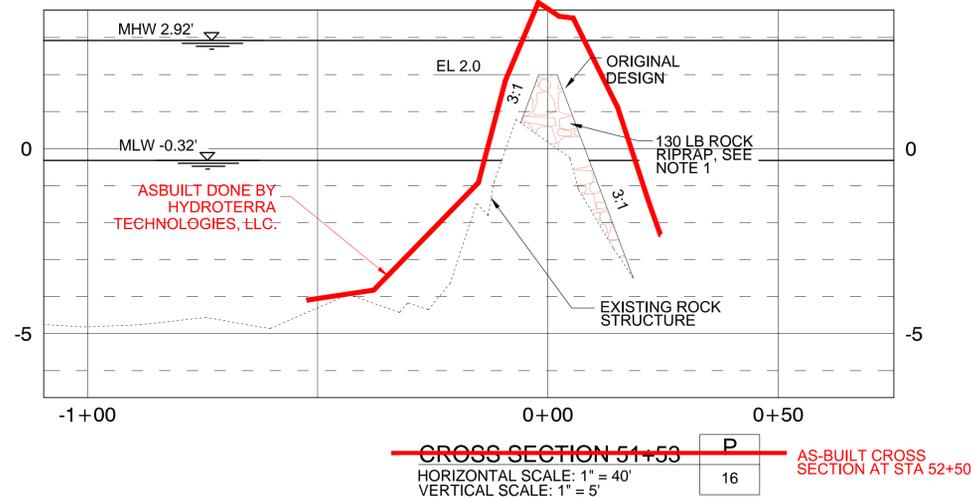
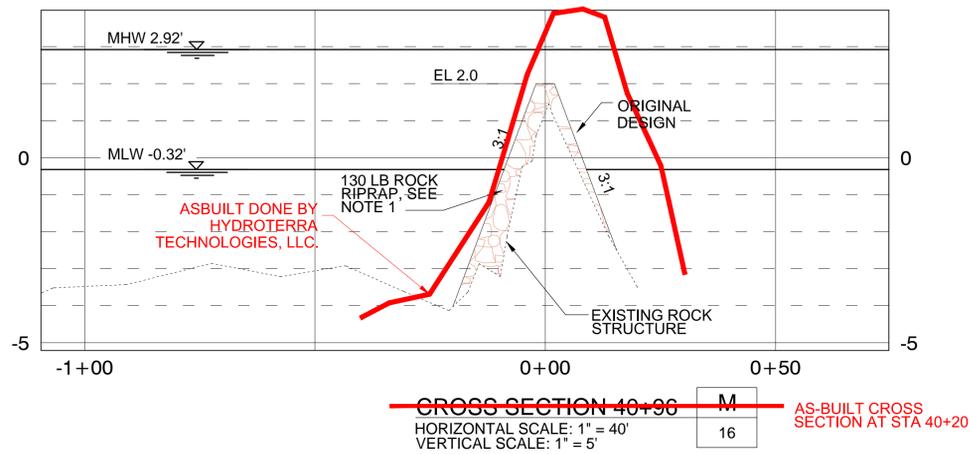
LAKE RIM -
 CROSS SECTIONS
 BASE BID

DATE: MARCH 2011

SHEET 19 OF 36

GENERAL SHEET NOTES

1. RECAP EXISTING STRUCTURE ACCORDING TO THE LINES AND GRADES ON THE DRAWINGS. THE LINES AND GRADES ON THE DRAWINGS REFLECT THE ORIGINAL PERMITTED DESIGN.
2. RECAP EXISTING FISH DIP ACCORDING TO ORIGINAL DESIGN DETAIL. SEE DETAIL A, SHEET 36
3. EXISTING GRADE ELEVATIONS ARE BASED ON 2010 SURVEY DATA UNLESS SHOWN OTHERWISE.



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AS-BUILT DRAWING

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH

450 LAUREL STREET, SUITE 1200
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL

DESIGNED BY: NJR

GIWW TO CLOVELLY HYDRAULIC RESTORATION
 2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JPS

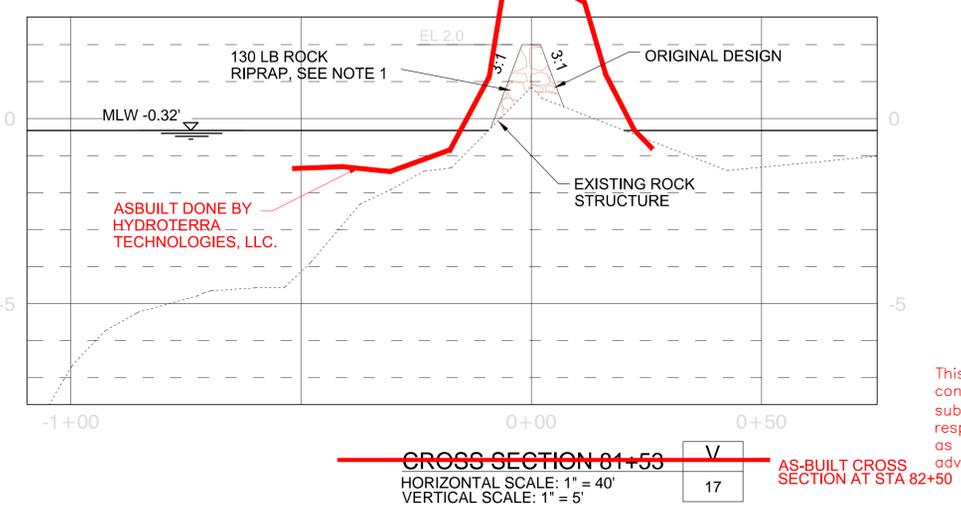
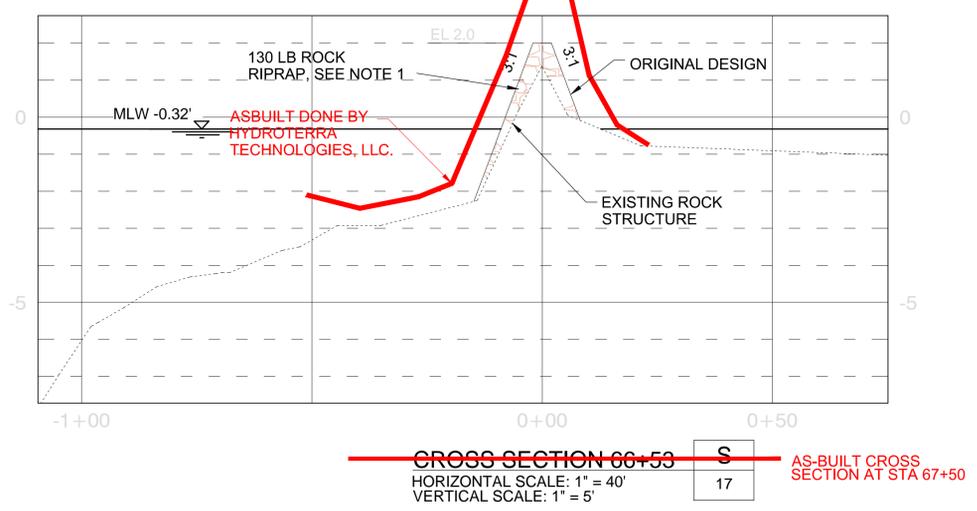
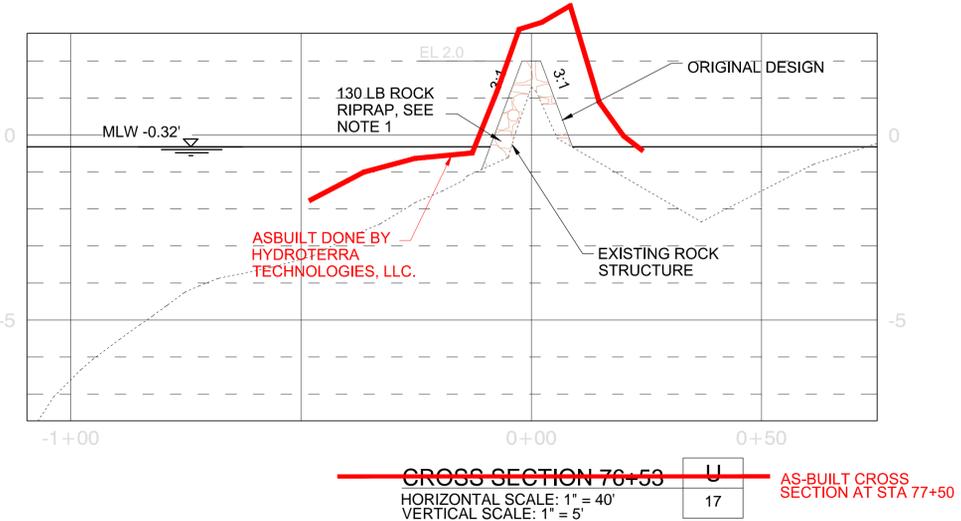
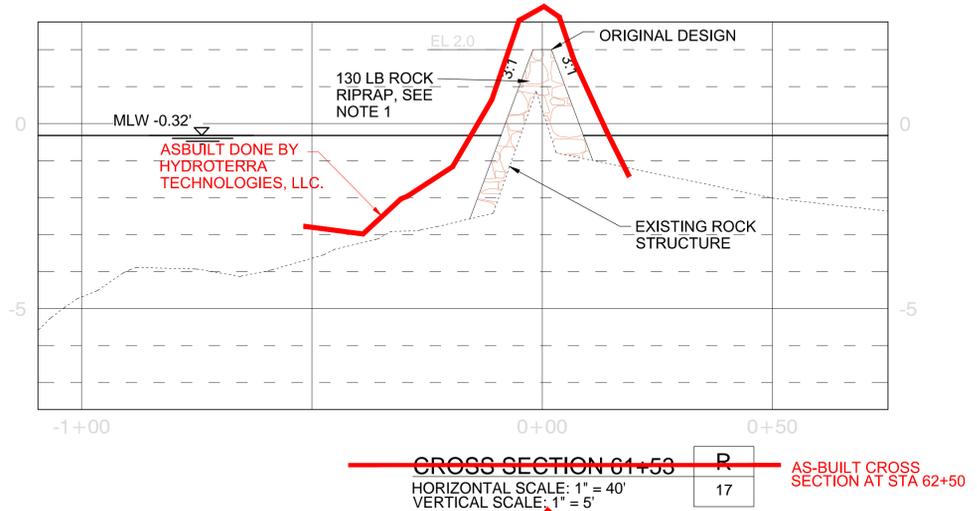
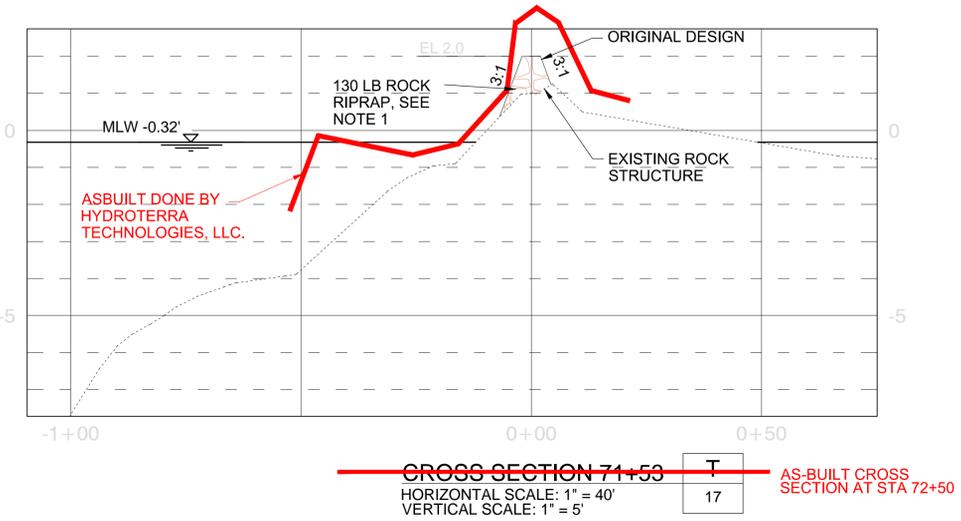
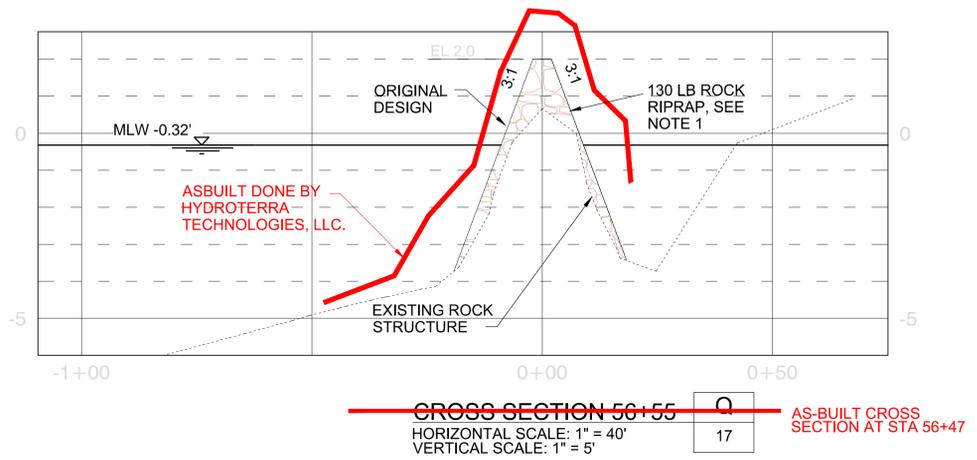
LAKE RIM -
 CROSS SECTIONS
 BASE BID

DATE: MARCH 2011

SHEET 20 OF 36

GENERAL SHEET NOTES

1. RECAP EXISTING STRUCTURE ACCORDING TO THE LINES AND GRADES ON THE DRAWINGS. THE LINES AND GRADES ON THE DRAWINGS REFLECT THE ORIGINAL PERMITTED DESIGN.
2. RECAP EXISTING FISH DIP ACCORDING TO ORIGINAL DESIGN DETAIL. SEE DETAIL A, SHEET 36
3. EXISTING GRADE ELEVATIONS ARE BASED ON 2010 SURVEY DATA UNLESS SHOWN OTHERWISE.



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AS-BUILT DRAWING

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH

450 LAUREL STREET, SUITE 1200
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL

DESIGNED BY: NJR

GIWW TO CLOVELLY HYDRAULIC RESTORATION
 2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JPS

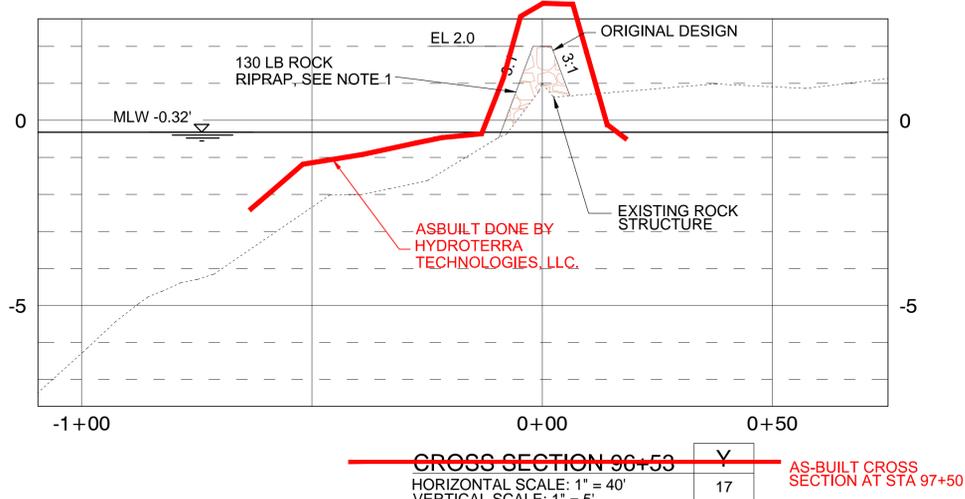
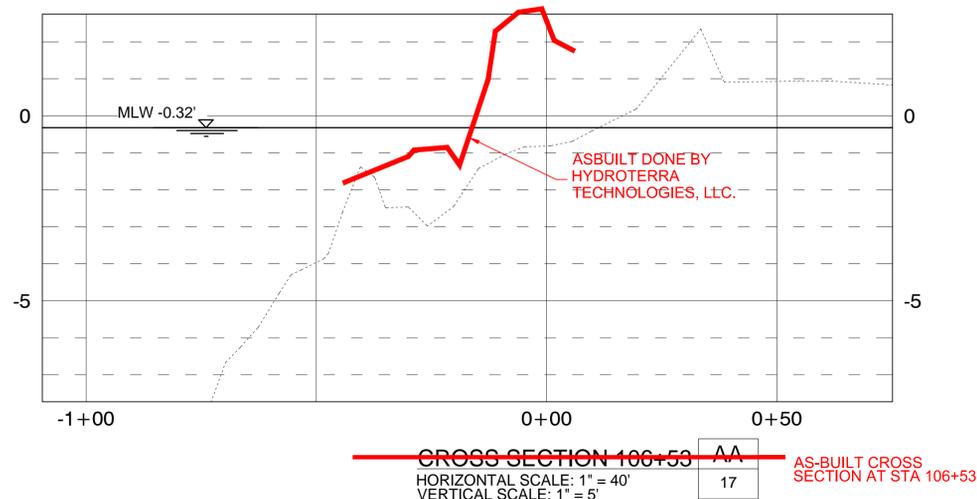
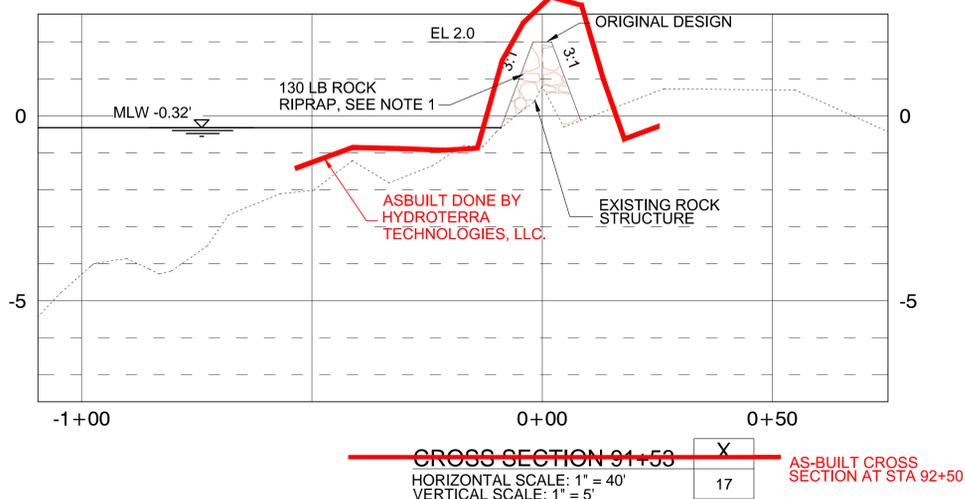
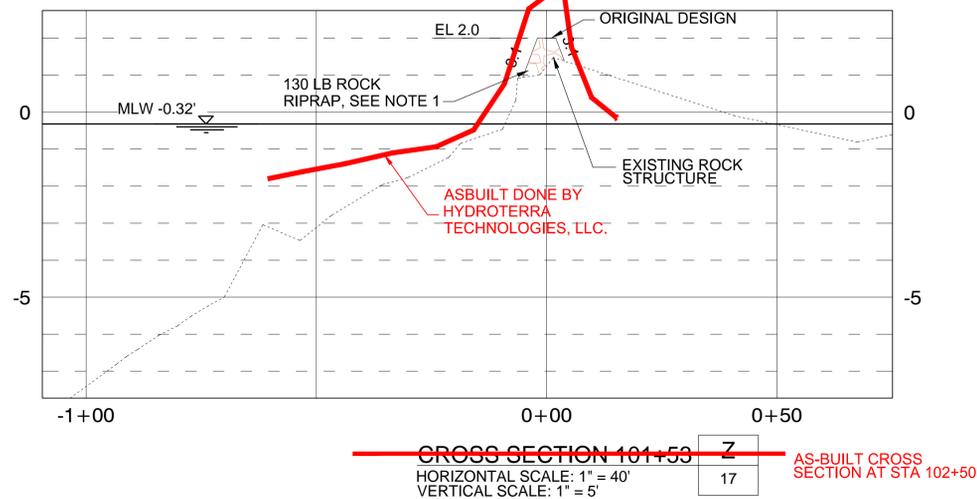
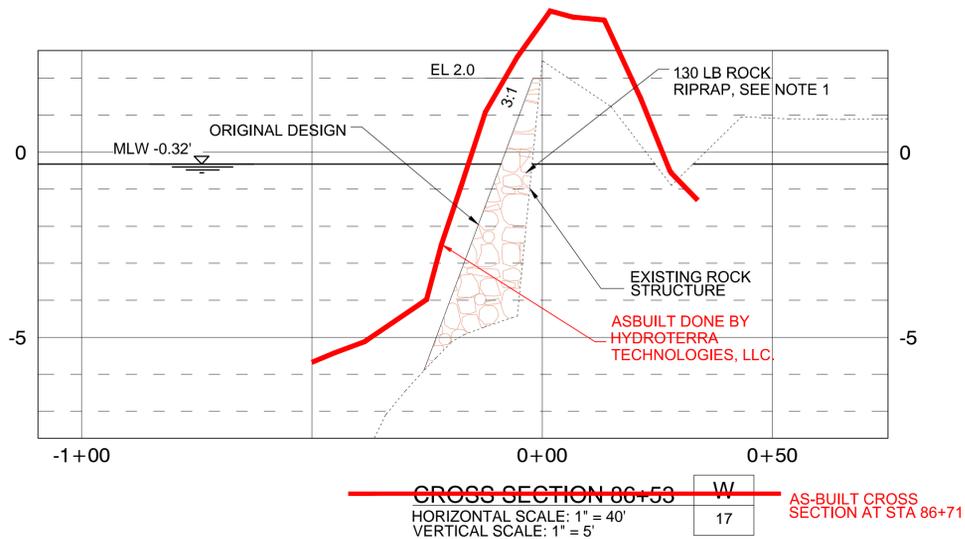
 BRETON CANAL
 CROSS SECTIONS
 ALTERNATE NO. 1

DATE: MARCH 2011

SHEET 21 OF 36

GENERAL SHEET NOTES

1. RECAP EXISTING STRUCTURE ACCORDING TO THE LINES AND GRADES ON THE DRAWINGS. THE LINES AND GRADES ON THE DRAWINGS REFLECT THE ORIGINAL PERMITTED DESIGN.
2. RECAP EXISTING FISH DIP ACCORDING TO ORIGINAL DESIGN DETAIL. SEE DETAIL A, SHEET 36
3. EXISTING GRADE ELEVATIONS ARE BASED ON 2010 SURVEY DATA UNLESS SHOWN OTHERWISE.



AS-BUILT Volume Table				AS-BUILT Volume Table				AS-BUILT Volume Table				AS-BUILT Volume Table			
Station	Area	Volume	Cumulative Volume	Station	Area	Volume	Cumulative Volume	Station	Area	Volume	Cumulative Volume	Station	Area	Volume	Cumulative Volume
0+00.00	26.89	0.00	0.00 (CuYds)	20+32.00	80.80	39.19	2911.16 (CuYds)	47+50.00	26.68	284.74	6970.59 (CuYds)	77+50.00	31.68	256.55	11093.79 (CuYds)
2+50.00	29.92	263.03	263.03 (CuYds)	22+50.00	0.06	326.43	3237.58 (CuYds)	47+77.91	52.10	40.72	7011.31 (CuYds)	80+00.00	28.25	277.45	11371.24 (CuYds)
4+60.06	99.59	503.80	766.83 (CuYds)	25+00.00	57.75	267.67	3505.26 (CuYds)	47+82.00	50.75	7.79	7019.09 (CuYds)	82+50.00	40.05	316.21	11687.45 (CuYds)
4+72.03	57.75	34.87	801.70 (CuYds)	27+50.00	44.45	473.16	3978.41 (CuYds)	47+94.00	43.38	20.92	7040.01 (CuYds)	84+45.22	33.40	265.57	11953.02 (CuYds)
4+82.00	64.70	22.60	824.30 (CuYds)	27+72.00	42.17	35.30	4013.71 (CuYds)	48+04.00	12.09	10.27	7050.28 (CuYds)	85+18.08	48.36	102.96	12055.98 (CuYds)
4+94.00	49.25	25.33	849.63 (CuYds)	27+84.00	70.17	24.96	4038.67 (CuYds)	48+16.00	90.76	22.85	7073.14 (CuYds)	86+70.59	30.25	219.00	12274.97 (CuYds)
5+00.00	20.48	7.75	857.38 (CuYds)	27+94.00	94.52	30.47	4069.14 (CuYds)	49+75.54	23.09	336.34	7409.48 (CuYds)	87+71.48	54.23	148.47	12423.44 (CuYds)
7+50.00	21.69	195.24	1052.61 (CuYds)	28+05.90	106.20	44.27	4113.41 (CuYds)	50+00.00	36.17	27.20	7436.68 (CuYds)	90+00.00	27.75	348.07	12771.51 (CuYds)
10+00.00	38.09	276.78	1329.39 (CuYds)	30+00.00	16.10	439.59	4553.00 (CuYds)	52+50.00	56.46	428.83	7865.51 (CuYds)	92+50.00	32.15	277.32	13048.84 (CuYds)
12+50.00	31.81	323.61	1653.00 (CuYds)	32+50.00	57.46	340.54	4893.54 (CuYds)	55+00.00	30.48	402.47	8267.97 (CuYds)	95+00.00	19.64	239.78	13288.62 (CuYds)
12+76.00	55.98	42.27	1695.27 (CuYds)	35+00.00	0.00	266.01	5159.55 (CuYds)	56+47.39	52.87	227.48	8495.46 (CuYds)	97+50.00	23.88	201.47	13490.09 (CuYds)
12+88.00	54.51	24.55	1719.82 (CuYds)	35+79.00	47.23	69.09	5228.64 (CuYds)	57+50.00	30.42	157.82	8653.28 (CuYds)	100+00.00	23.26	218.23	13708.32 (CuYds)
12+98.00	106.00	29.72	1749.54 (CuYds)	35+91.00	49.09	21.40	5250.05 (CuYds)	60+00.00	37.35	313.76	8967.04 (CuYds)	102+50.00	14.46	174.65	13882.97 (CuYds)
13+10.00	88.16	43.15	1792.69 (CuYds)	36+01.00	60.93	20.37	5270.42 (CuYds)	62+50.00	36.26	340.77	9307.82 (CuYds)	105+00.00	22.25	169.99	14052.96 (CuYds)
15+00.00	23.68	393.52	2186.21 (CuYds)	36+13.00	80.53	31.43	5301.85 (CuYds)	64+99.90	39.24	349.39	9657.21 (CuYds)	106+52.50	20.98	122.11	14175.07 (CuYds)
16+36.27	12.51	91.34	2277.54 (CuYds)	37+50.00	44.92	318.27	5620.12 (CuYds)	67+50.00	25.20	298.47	9955.68 (CuYds)				
17+50.00	21.92	72.60	2350.15 (CuYds)	39+86.64	30.33	329.76	5949.88 (CuYds)	68+32.69	38.56	97.64	10053.33 (CuYds)				
19+98.00	78.98	463.38	2813.53 (CuYds)	40+19.98	52.00	46.43	5996.31 (CuYds)	70+00.00	34.53	226.44	10279.77 (CuYds)				
20+10.00	56.94	30.20	2843.73 (CuYds)	42+50.00	34.51	368.50	6364.81 (CuYds)	72+50.00	31.08	303.71	10583.48 (CuYds)				
20+20.00	95.54	28.24	2871.97 (CuYds)	45+00.00	34.83	321.03	6685.84 (CuYds)	75+00.00	23.74	253.76	10837.24 (CuYds)				

This record drawing has been prepared, based upon information and changes noted during construction from a variety of sources including that information furnished by contractor and subcontractor. While this information is believed to be reliable, Providence/GSE assumes no responsibility for any inaccuracies, errors or omissions which may have been incorporated into it as a result of incorrect information provided to us. Those relying on this record document are advised to obtain independent verification of the actual conditions that exist.

AS-BUILT DRAWING

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH

450 LAUREL STREET, SUITE 1200
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL

DESIGNED BY: NJR

GIWW TO CLOVELLY HYDRAULIC RESTORATION
 2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

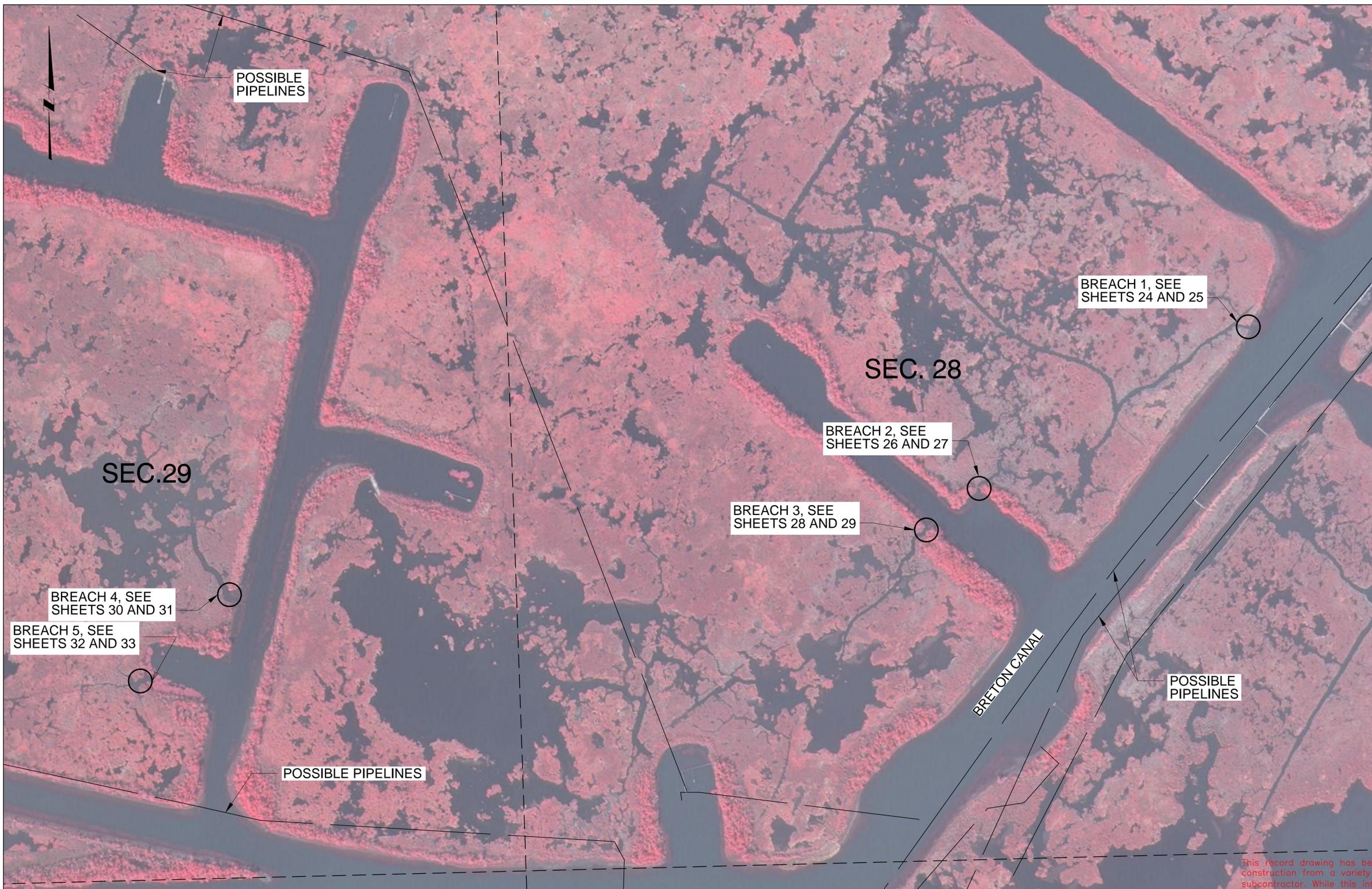
FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JPS

BRETON CANAL
 CROSS SECTIONS
 ALTERNATE NO. 1

DATE: MARCH 2011

SHEET 22 OF 36



- GENERAL SHEET NOTES**
1. NO DREDGING SHALL TAKE PLACE WITHIN 10 FEET OF VEGETATED WATER BOTTOMS, OR 40 FEET FROM EXISTING BANKLINE.
 2. DREDGING SHALL NOT EXTEND PAST APPROXIMATE CENTERLINE OF CANAL.
 3. THE LOCATION OF EXISTING PIPELINES, UTILITIES, STRUCTURES IS APPROXIMATE. SEE NOTE 4 AND 5 ON SHEET 2.
 4. CLEARING AND GRUBBING IN THE AREA OF THE BREACH REPAIRS MAY BE REQUIRED PRIOR TO COMMENCING BREACH REPAIR WORK. THIS WORK IS CONSIDERED INCIDENTAL TO THE BREACH REPAIR WORK.
 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING PIPELINE OPERATORS 48 HOURS IN ADVANCE OF THE WORK. ALL PIPELINES SHALL BE MARKED WITH BUOYS BY THE CONTRACTOR. THE CONTRACTOR SHALL MAINTAIN BUOYS DURING CONSTRUCTION OR HAVE ADEQUATE NAVIGATIONAL EQUIPMENT ON THE DREDGE TO AVOID DREDGING IN RESTRICTED AREAS. THE CONTRACTOR SHALL NOT ANCHOR OR EXCAVATE WITHIN 50 FEET OF ANY PIPELINE. NOTICE: 48 HOURS BEFORE DREDGING CALL LOUISIANA ONE CALL AT 1-800-272-3020 TO LOCATE ANY OTHER PIPELINES OR UTILITIES.
 6. DISTURBANCE TO MARINE TRAFFIC NEEDS TO BE AVOIDED BY THE CONTRACTOR. NECESSARY WARNING SIGNS/TEMPORARY NAVIGATIONAL AIDS SHALL BE INSTALLED IN ACCORDANCE WITH USCG REGULATION. SEQUENCE OF CONSTRUCTION AND PLAN FOR MAINTAINING MARINE TRAFFIC THROUGH THE STRUCTURE SHALL BE SUBMITTED TO OCPD FOR APPROVAL.
 7. ALL BREACH PLUGS SHALL BE VEGETATED. SEE SPECIFICATIONS.

This record drawing has been prepared, based upon information and changes noted during construction from a variety of sources including that information furnished by contractor and subcontractor. While this information is believed to be reliable, Providence/CSE assumes no responsibility for any inaccuracies, errors or omissions which may have been incorporated into it as a result of incorrect information provided to us. Those relying on this record document are advised to obtain independent verification of the actual conditions that exist.

BREACHES OVERALL - PLAN
SCALE: 1" = 500'

AS-BUILT DRAWING

LEGEND
---//--- PIPELINE

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL DESIGNED BY: NJR

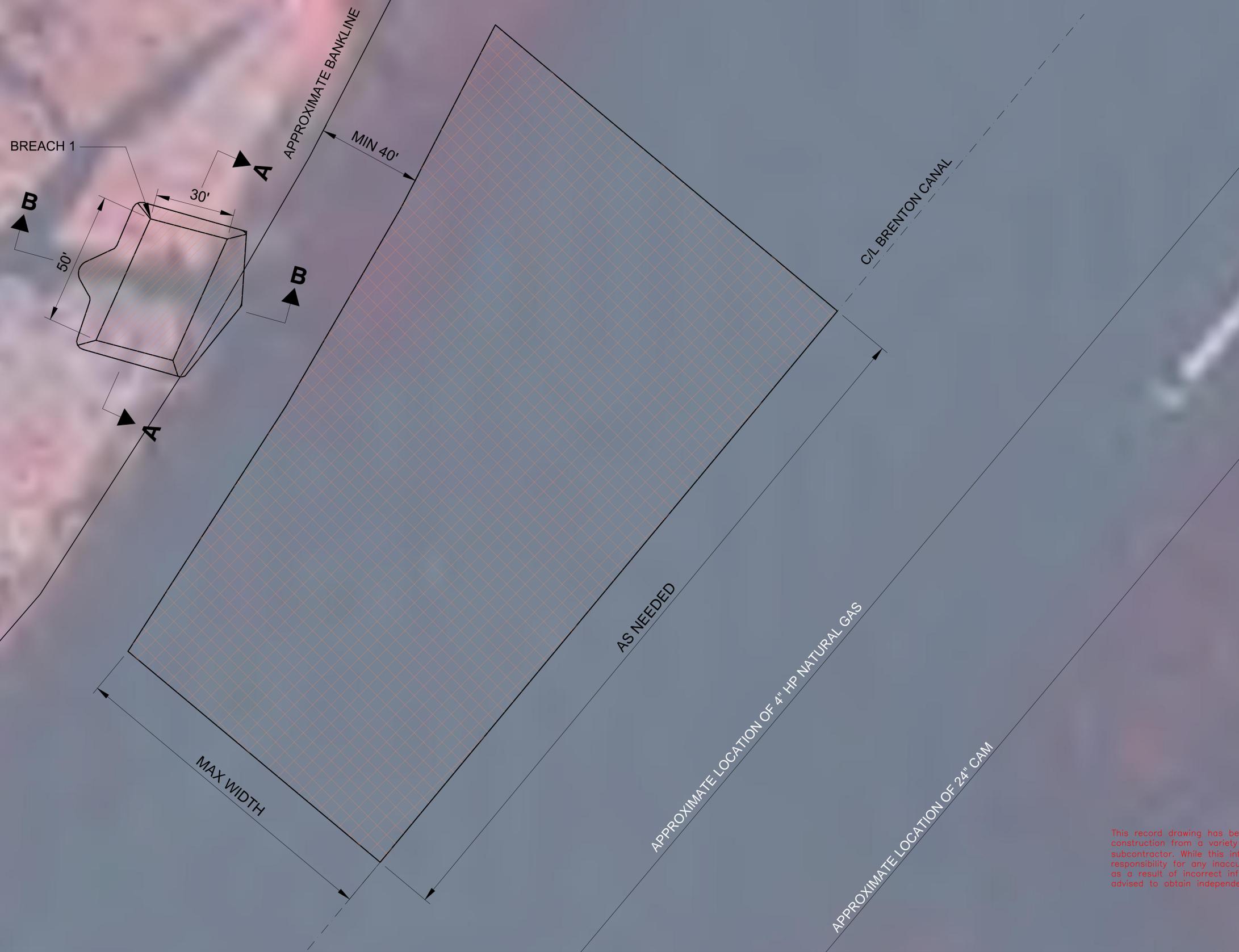
GIWW TO CLOVELLY HYDRAULIC RESTORATION
2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02
FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JPS

BREACHES - OVERALL PLAN

DATE: MARCH 2011
SHEET 23 OF 36



- GENERAL SHEET NOTES**
- NO DREDGING SHALL TAKE PLACE WITHIN 10 FEET OF VEGETATED WATER BOTTOMS, OR 40 FEET FROM EXISTING BANKLINE.
 - DREDGING SHALL NOT EXTEND PAST APPROXIMATE CENTERLINE OF CANAL.
 - THE LOCATION OF EXISTING PIPELINES, UTILITIES, STRUCTURES IS APPROXIMATE. SEE NOTE 4 ON SHEET 2.
 - CLEARING AND GRUBBING IN THE AREA OF THE BREACH REPAIRS MAY BE REQUIRED PRIOR TO COMMENCING BREACH REPAIR WORK. THIS WORK IS CONSIDERED INCIDENTAL TO THE BREACH REPAIR WORK.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING PIPELINE OPERATORS 48 HOURS IN ADVANCE OF THE WORK. ALL PIPELINES SHALL BE MARKED WITH BUOYS BY THE CONTRACTOR. THE CONTRACTOR SHALL MAINTAIN BUOYS DURING CONSTRUCTION OR HAVE ADEQUATE NAVIGATIONAL EQUIPMENT ON THE DREDGE TO AVOID DREDGING IN RESTRICTED AREAS. THE CONTRACTOR SHALL NOT ANCHOR OR EXCAVATE WITHIN 50 FEET OF ANY PIPELINE. NOTICE: 48 HOURS BEFORE DREDGING CALL LOUISIANA ONE CALL AT 1-800-272-3020 TO LOCATE ANY OTHER PIPELINES OR UTILITIES.
 - DISTURBANCE TO MARINE TRAFFIC NEEDS TO BE AVOIDED BY THE CONTRACTOR. NECESSARY WARNING SIGNS/TEMPORARY NAVIGATIONAL AIDS SHALL BE INSTALLED IN ACCORDANCE WITH USCG REGULATION. SEQUENCE OF CONSTRUCTION AND PLAN FOR MAINTAINING MARINE TRAFFIC THROUGH THE STRUCTURE SHALL BE SUBMITTED TO OCPR FOR APPROVAL.
 - ALL BREACH PLUGS SHALL BE VEGETATED. SEE SPECIFICATIONS.
 - CONTRACTOR TO COORDINATE ACTUAL LOCATION OF BREACH PLUG WITH OCPR PROJECT ENGINEER OR ASSIGNED PROJECT REPRESENTATIVE PRIOR TO INSTALLATION.

LEGEND

	FILL AREA
	DREDGE AREA

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AS-BUILT DRAWING

BREACH 1 - PLAN
SCALE: 1" = 40'

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH

450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL

DESIGNED BY: NJR

GIWW TO CLOVELLY HYDRAULIC RESTORATION
2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

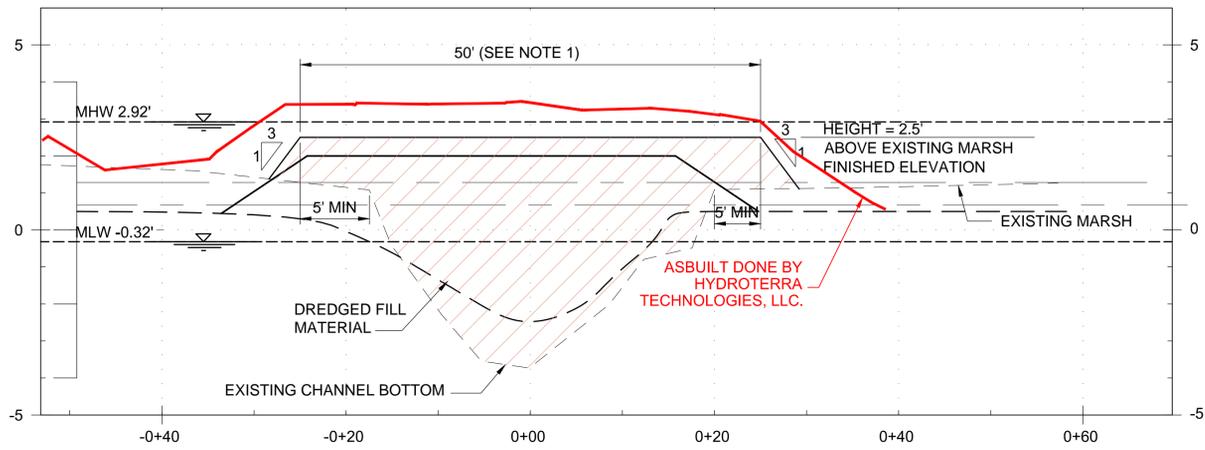
FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JPS

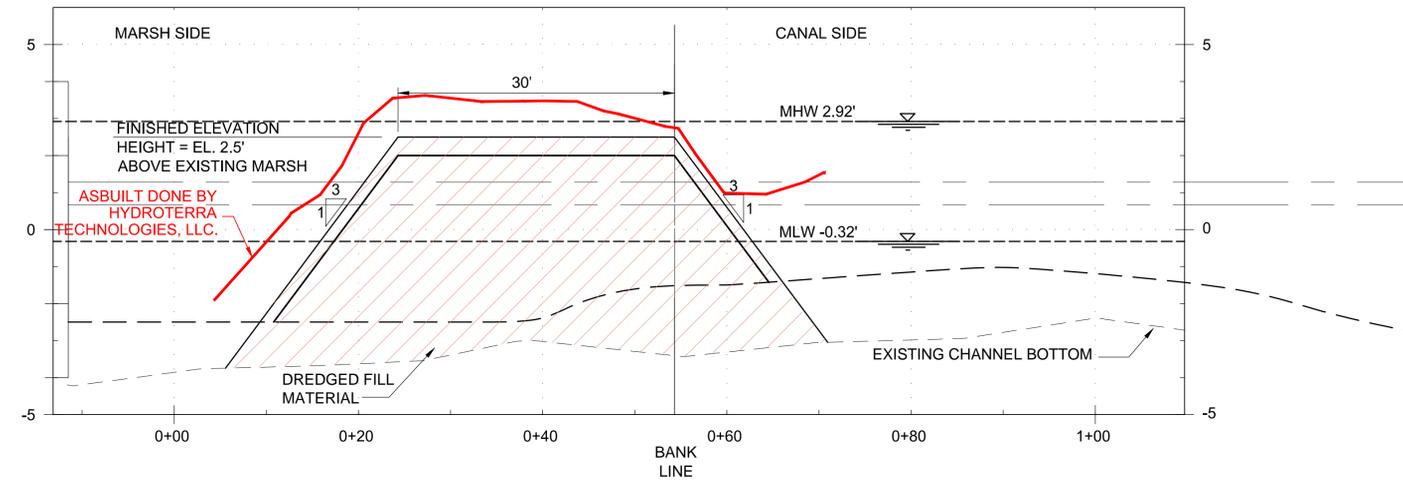
BREACH 1 - PLAN

DATE: MARCH 2011

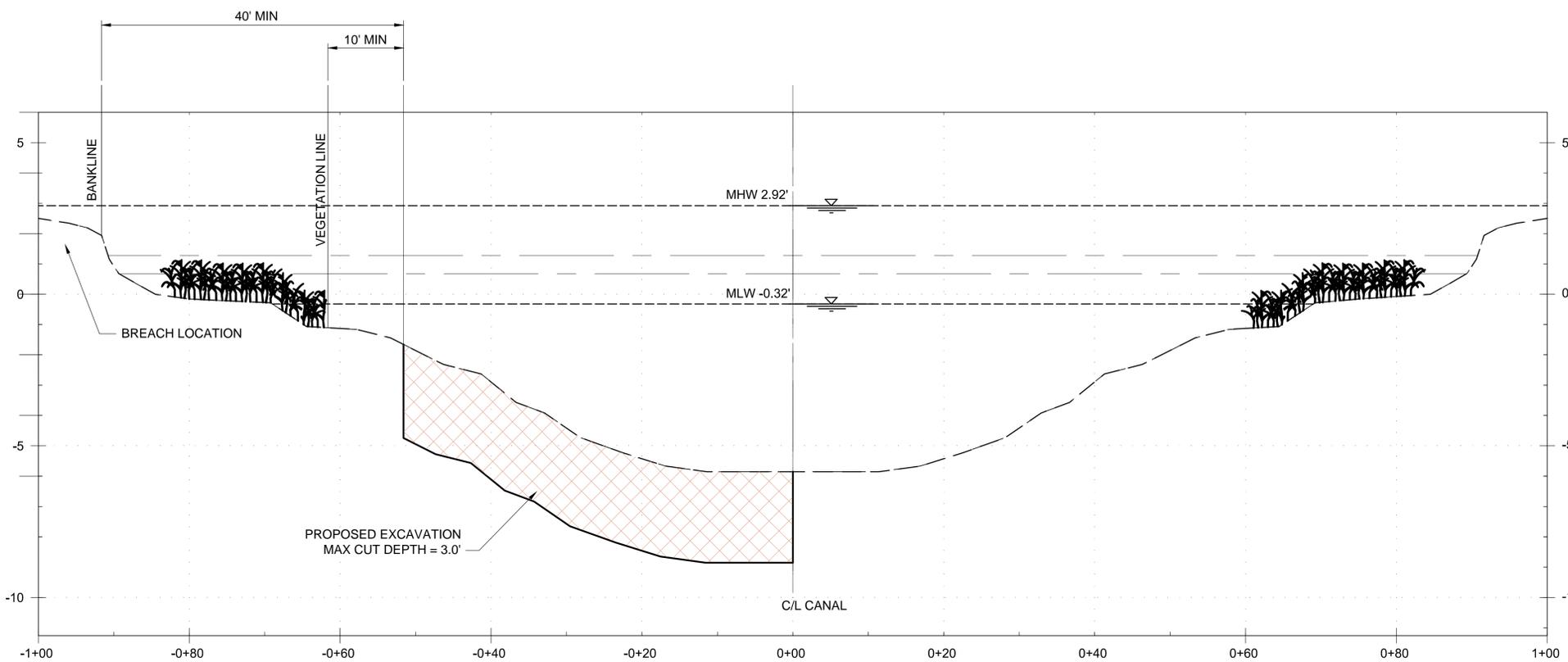
SHEET 24 OF 36



BREACH 1 - SECTION A
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 5'



BREACH 1 - PROFILE B
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 5'



TYPICAL BORROW AREA
 H: 1" = 20'-0"
 V: 1" = 5'-0"

- GENERAL SHEET NOTES**
- BREACH REPAIR TIE-INS SHALL EXTEND MIN 5' ONTO EXISTING BANK.
 - EXISTING GRADE ELEVATIONS ARE BASED ON 2010 SURVEY DATA.
 - SEE SPECIFICATIONS FOR SETTLEMENT REQUIREMENTS.

LEGEND

	FILL AREA
	DREDGE AREA

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AS-BUILT DRAWING

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET, SUITE 1200
 BATON ROUGE, LOUISIANA 70804

GIWW TO CLOVELLY HYDRAULIC RESTORATION
 2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JPS

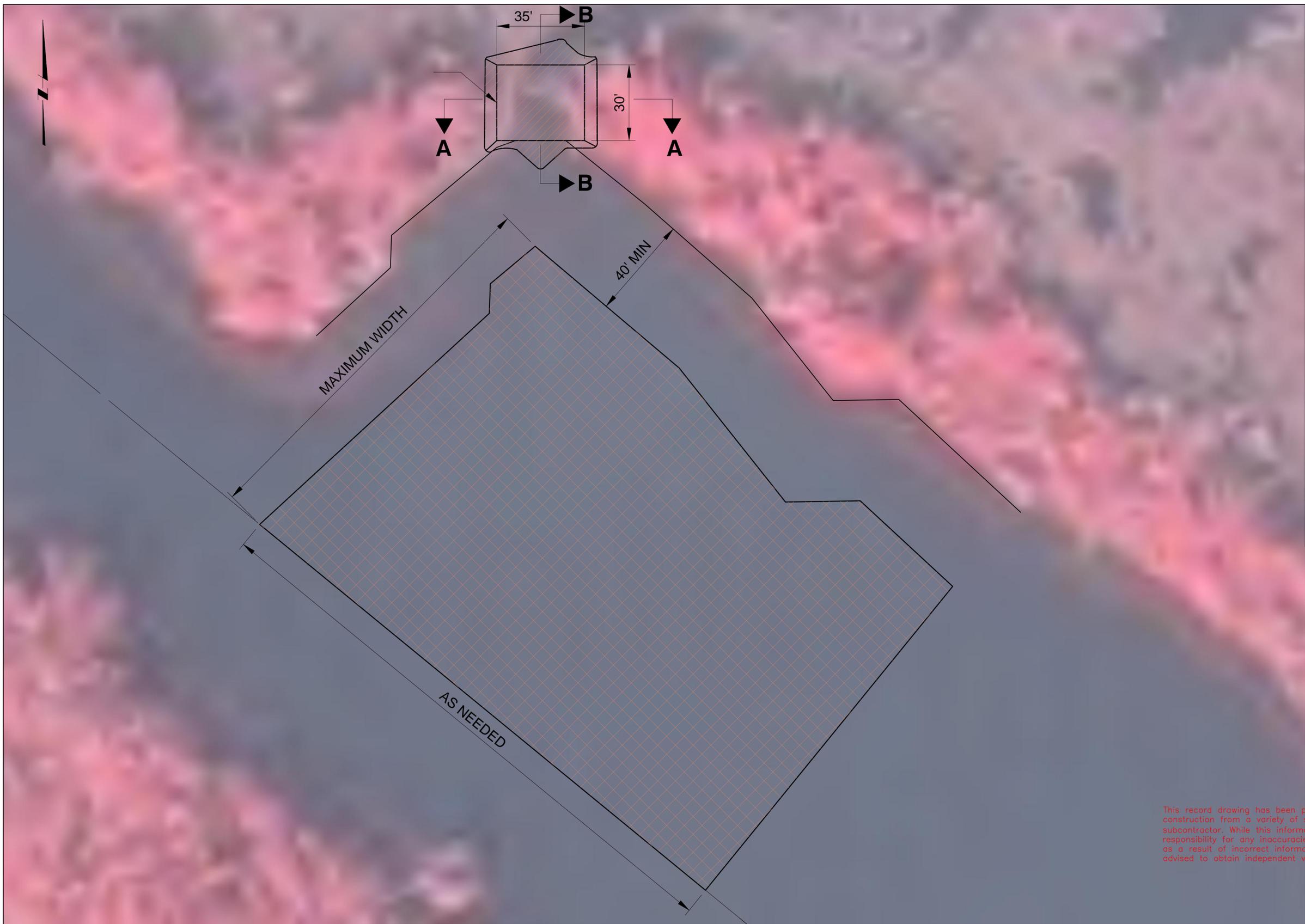
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BREACH 1-SECTIONS

DATE: MARCH 2011

SHEET 25 OF 36

DRAWN BY: LKL DESIGNED BY: NJR



- GENERAL SHEET NOTES**
- NO DREDGING SHALL TAKE PLACE WITHIN 10 FEET OF VEGETATED WATER BOTTOMS, OR 40 FEET FROM EXISTING BANKLINE.
 - DREDGING SHALL NOT EXTEND PAST APPROXIMATE CENTERLINE OF CANAL.
 - THE LOCATION OF EXISTING PIPELINES, UTILITIES, STRUCTURES IS APPROXIMATE. SEE NOTE 4 ON SHEET 2.
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 - DISTURBANCE TO MARINE TRAFFIC NEEDS TO BE AVOIDED BY THE CONTRACTOR. NECESSARY WARNING SIGNS/TEMPORARY NAVIGATIONAL AIDS SHALL BE INSTALLED IN ACCORDANCE WITH USCG REGULATION. SEQUENCE OF CONSTRUCTION AND PLAN FOR MAINTAINING MARINE TRAFFIC THROUGH THE STRUCTURE SHALL BE SUBMITTED TO OCPR FOR APPROVAL.
 - ALL BREACH PLUGS SHALL BE VEGETATED. SEE SPECIFICATIONS.
 - CONTRACTOR TO COORDINATE ACTUAL LOCATION OF BREACH PLUG WITH OCPR PROJECT ENGINEER OR ASSIGNED PROJECT REPRESENTATIVE PRIOR TO INSTALLATION.

LEGEND

FILL AREA

DREDGE AREA

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AS-BUILT DRAWING

BREACH 2 - PLAN
SCALE: 1" = 40'

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL DESIGNED BY: NJR

GIWW TO CLOVELLY HYDRAULIC RESTORATION
2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02

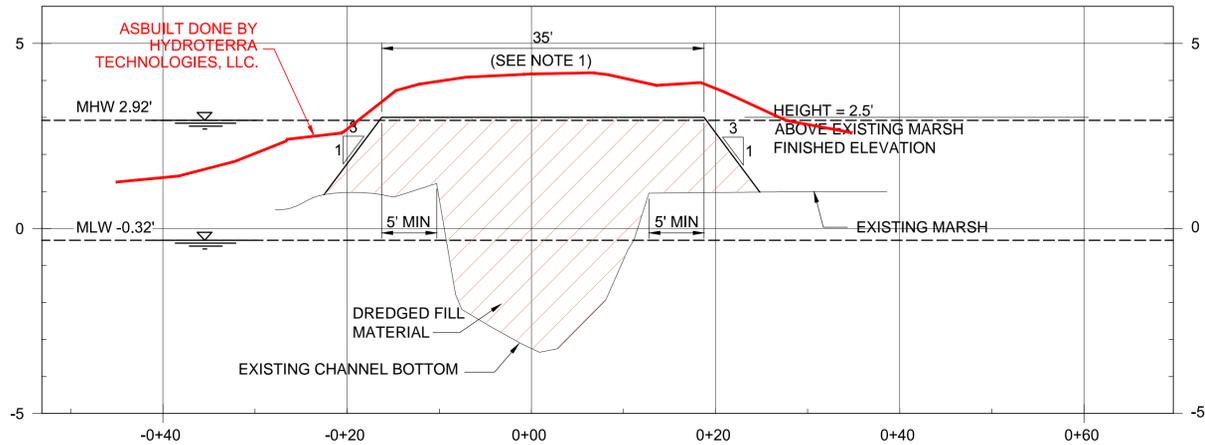
APPROVED BY: JPS

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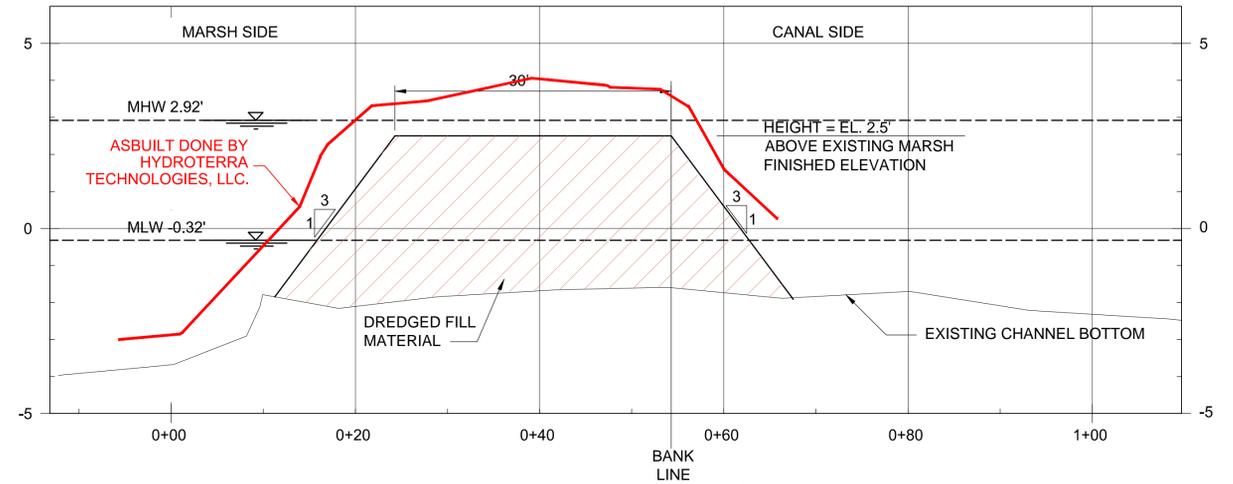
BREACH 2 - PLAN

DATE: MARCH 2011

SHEET 26 OF 36



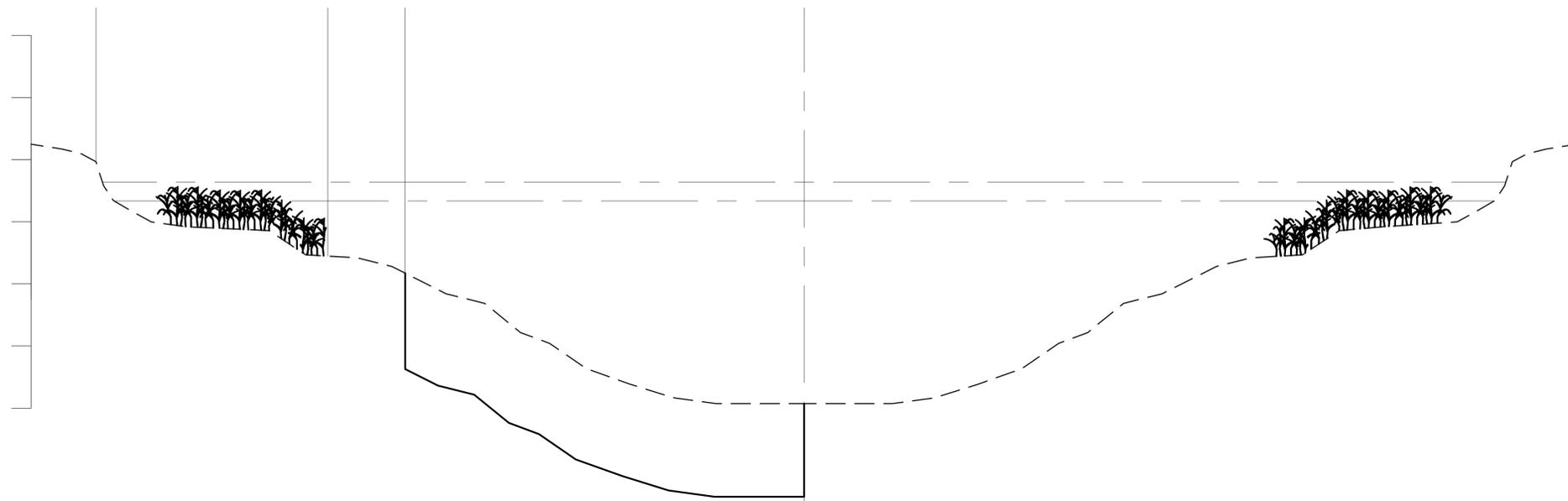
BREACH 2 - SECTION A
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 5'



BREACH 2 - PROFILE B
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 5'

GENERAL SHEET NOTES

1. BREACH REPAIR TIE-INS SHALL EXTEND MIN 5' ONTO EXISTING BANK.
2. EXISTING GRADE ELEVATIONS ARE BASED ON 2010 SURVEY DATA.
3. SEE SPECIFICATIONS FOR SETTLEMENT REQUIREMENTS.



TYPICAL BORROW AREA

H: 1" = 20'-0"
 V: 1" = 5'-0"

LEGEND

- FILL AREA
- DREDGE AREA

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AS-BUILT DRAWING

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH

450 LAUREL STREET, SUITE 1200
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL

DESIGNED BY: NJR

GIWW TO CLOVELLY HYDRAULIC RESTORATION
 2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JPS

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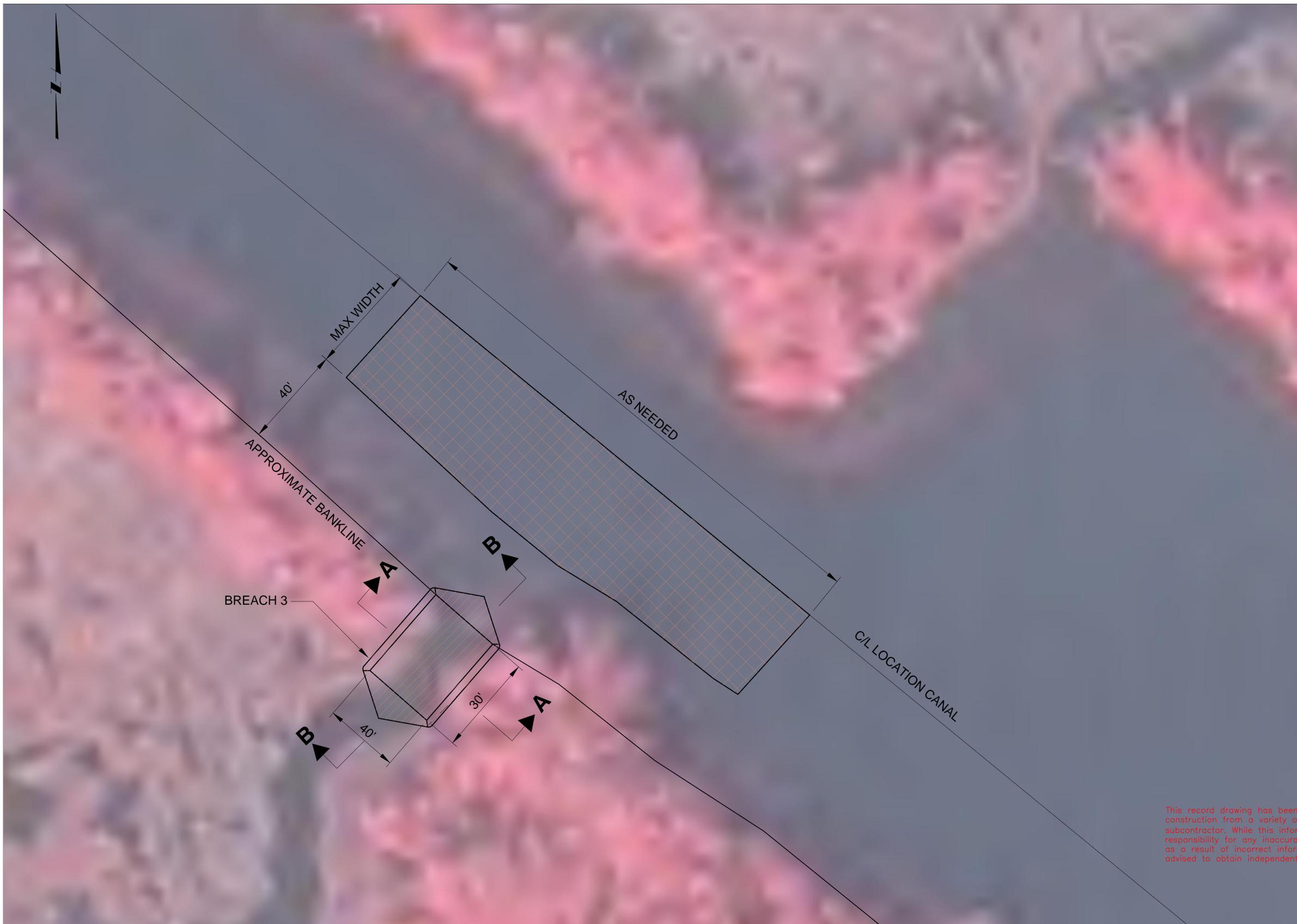
BREACH 2 - SECTIONS

DATE: MARCH 2011

SHEET 27 OF 36

GENERAL SHEET NOTES

1. NO DREDGING SHALL TAKE PLACE WITHIN 10 FEET OF VEGETATED WATER BOTTOMS, OR 40 FEET FROM EXISTING BANKLINE.
2. DREDGING SHALL NOT EXTEND PAST APPROXIMATE CENTERLINE OF CANAL.
3. THE LOCATION OF EXISTING PIPELINES, UTILITIES, STRUCTURES IS APPROXIMATE. SEE NOTE 4 ON SHEET 2.
4. CLEARING AND GRUBBING IN THE AREA OF THE BREACH REPAIRS MAY BE REQUIRED PRIOR TO COMMENCING BREACH REPAIR WORK. THIS WORK IS CONSIDERED INCIDENTAL TO THE BREACH REPAIR WORK.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING PIPELINE OPERATORS 48 HOURS IN ADVANCE OF THE WORK. ALL PIPELINES SHALL BE MARKED WITH BUOYS BY THE CONTRACTOR. THE CONTRACTOR SHALL MAINTAIN BUOYS DURING CONSTRUCTION OR HAVE ADEQUATE NAVIGATIONAL EQUIPMENT ON THE DREDGE TO AVOID DREDGING IN RESTRICTED AREAS. THE CONTRACTOR SHALL NOT ANCHOR OR EXCAVATE WITHIN 50 FEET OF ANY PIPELINE. NOTICE: 48 HOURS BEFORE DREDGING CALL LOUISIANA ONE CALL AT 1-800-272-3020 TO LOCATE ANY OTHER PIPELINES OR UTILITIES.
6. DISTURBANCE TO MARINE TRAFFIC NEEDS TO BE AVOIDED BY THE CONTRACTOR. NECESSARY WARNING SIGNS/TEMPORARY NAVIGATIONAL AIDS SHALL BE INSTALLED IN ACCORDANCE WITH USCG REGULATION. SEQUENCE OF CONSTRUCTION AND PLAN FOR MAINTAINING MARINE TRAFFIC THROUGH THE STRUCTURE SHALL BE SUBMITTED TO OCPD FOR APPROVAL.
7. ALL BREACH PLUGS SHALL BE VEGETATED. SEE SPECIFICATIONS.
8. CONTRACTOR TO COORDINATE ACTUAL LOCATION OF BREACH PLUG WITH OCPD PROJECT ENGINEER OR ASSIGNED PROJECT REPRESENTATIVE PRIOR TO INSTALLATION.



LEGEND

- FILL AREA
- DREDGE AREA

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AS-BUILT DRAWING

BREACH 3 - PLAN
SCALE: 1" = 40'

REV.	DATE	DESCRIPTION	BY



**OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH**
450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70804

GIWW TO CLOVELLY HYDRAULIC RESTORATION
2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JPS

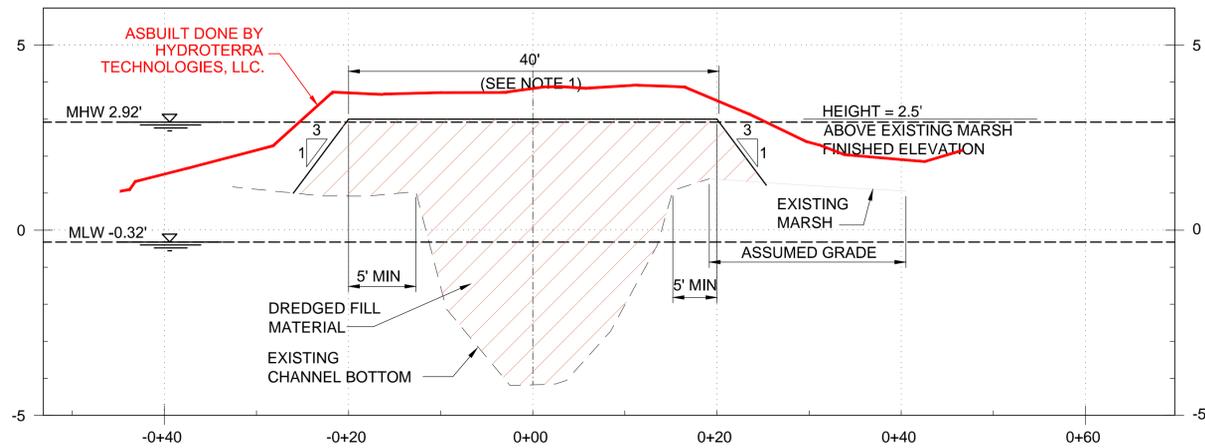
**BREACH 3 -
PLAN**

DATE: MARCH 2011

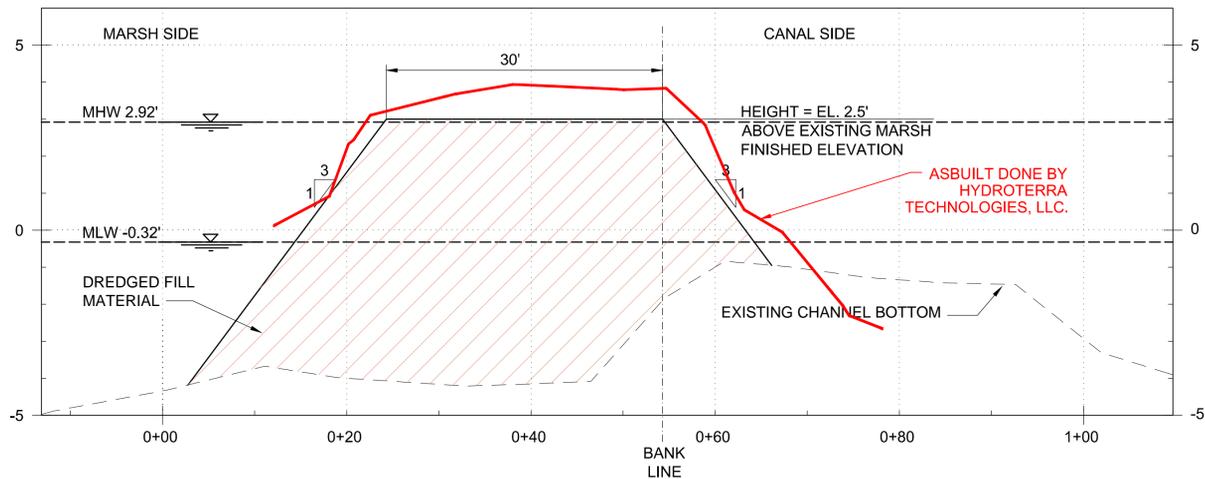
SHEET 28 OF 36

DRAWN BY: LKL

DESIGNED BY: NJR

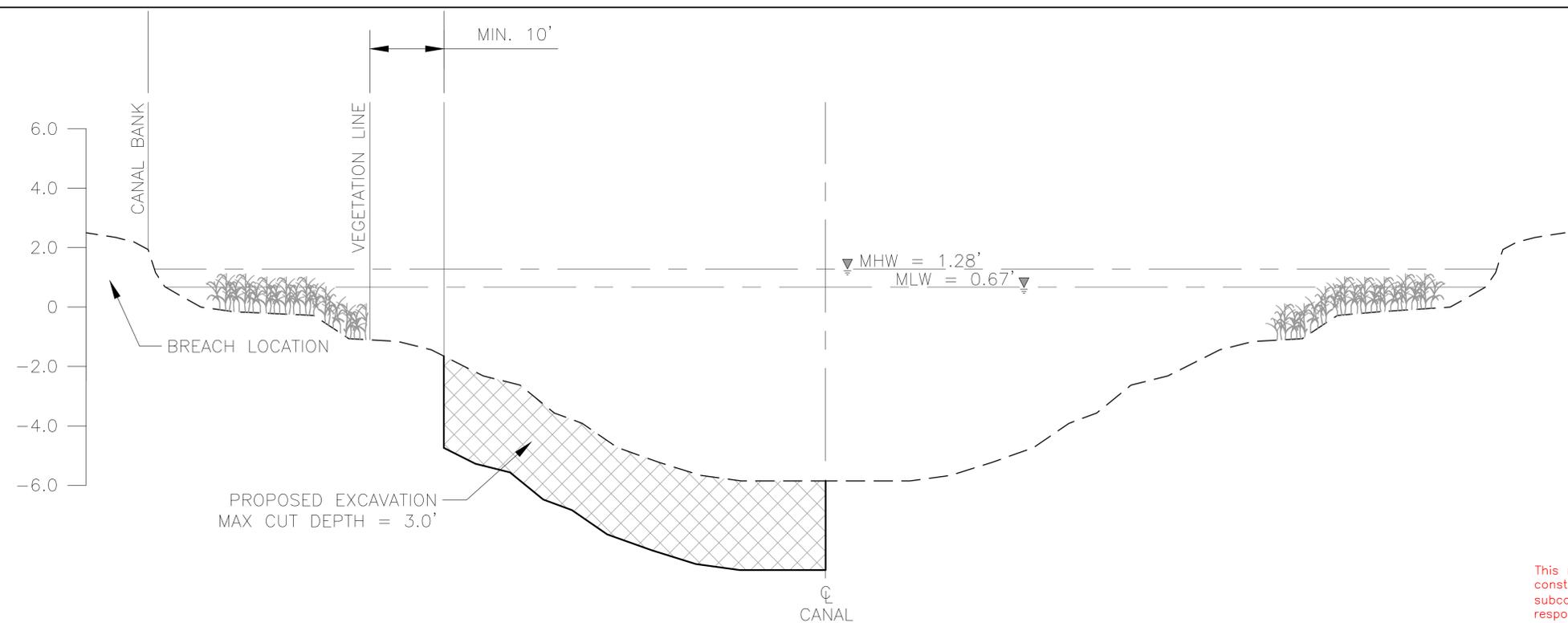


BREACH 3 SECTION A
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 5'



BREACH 3 - PROFILE B
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 5'

- GENERAL SHEET NOTES**
- BREACH REPAIR TIE-INS SHALL EXTEND MIN 5' ONTO EXISTING BANK.
 - EXISTING GRADE ELEVATIONS ARE BASED ON 2010 SURVEY DATA.
 - SEE SPECIFICATIONS FOR SETTLEMENT REQUIREMENTS.



TYPICAL BORROW AREA
 H: 1" = 20'-0"
 V: 1" = 5'-0"

LEGEND

	FILL AREA
	DREDGE AREA

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AS-BUILT DRAWING

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH
 450 LAUREL STREET, SUITE 1200
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL DESIGNED BY: NJR

GIWW TO CLOVELLY HYDRAULIC RESTORATION
 2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02
 FEDERAL PROJECT NUMBER: BA-02

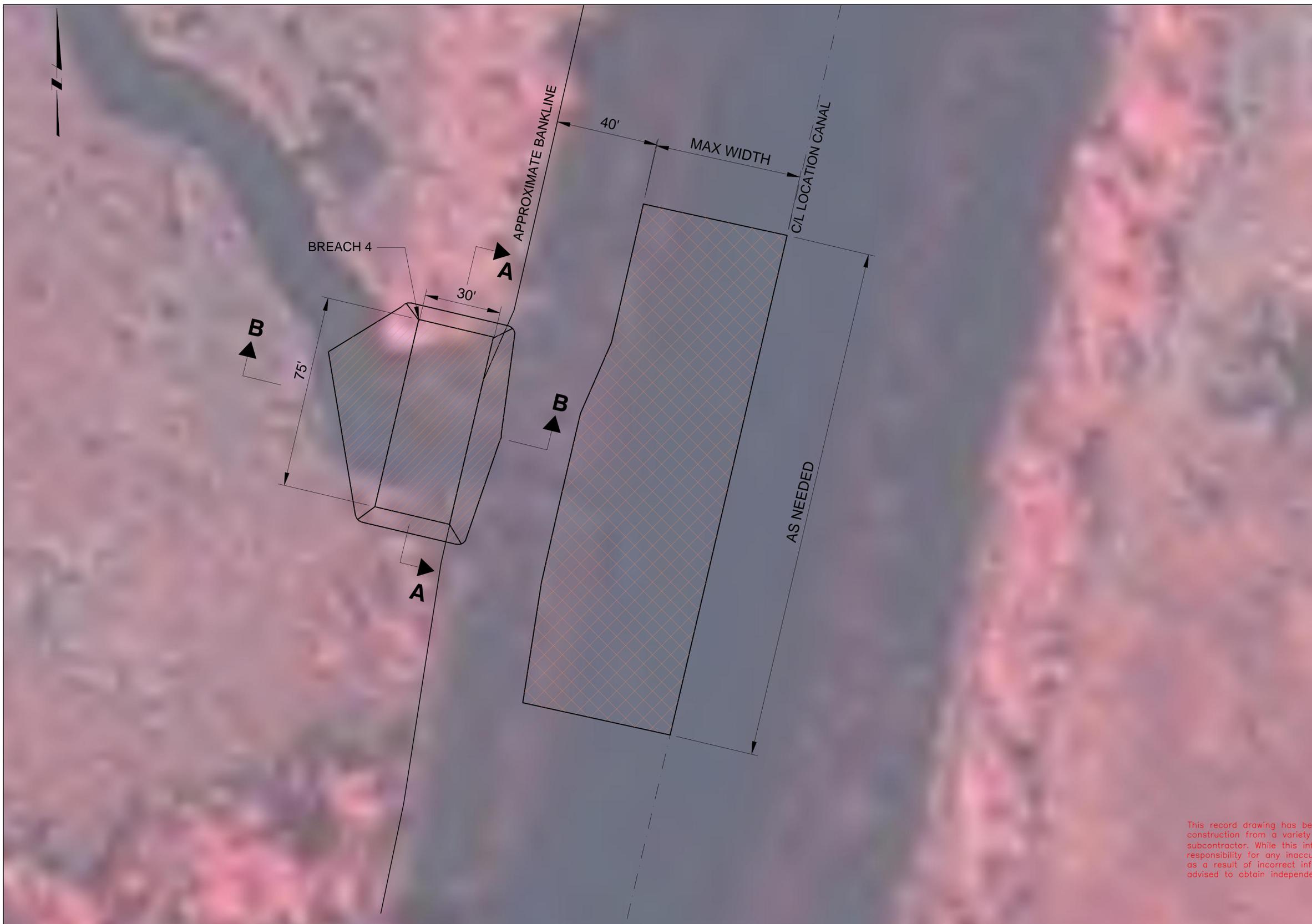
APPROVED BY: JPS

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BREACH 3 SECTIONS

DATE: MARCH 2011

SHEET 29 OF 36



- GENERAL SHEET NOTES**
1. NO DREDGING SHALL TAKE PLACE WITHIN 10 FEET OF VEGETATED WATER BOTTOMS, OR 40 FEET FROM EXISTING BANKLINE.
 2. DREDGING SHALL NOT EXTEND PAST APPROXIMATE CENTERLINE OF CANAL.
 3. THE LOCATION OF EXISTING PIPELINES, UTILITIES, STRUCTURES IS APPROXIMATE. SEE NOTE 4 ON SHEET 2.
 4. CLEARING AND GRUBBING IN THE AREA OF THE BREACH REPAIRS MAY BE REQUIRED PRIOR TO COMMENCING BREACH REPAIR WORK. THIS WORK IS CONSIDERED INCIDENTAL TO THE BREACH REPAIR WORK.
 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING PIPELINE OPERATORS 48 HOURS IN ADVANCE OF THE WORK. ALL PIPELINES SHALL BE MARKED WITH BUOYS BY THE CONTRACTOR. THE CONTRACTOR SHALL MAINTAIN BUOYS DURING CONSTRUCTION OR HAVE ADEQUATE NAVIGATIONAL EQUIPMENT ON THE DREDGE TO AVOID DREDGING IN RESTRICTED AREAS. THE CONTRACTOR SHALL NOT ANCHOR OR EXCAVATE WITHIN 50 FEET OF ANY PIPELINE. NOTICE: 48 HOURS BEFORE DREDGING CALL LOUISIANA ONE CALL AT 1-800-272-3020 TO LOCATE ANY OTHER PIPELINES OR UTILITIES.
 6. DISTURBANCE TO MARINE TRAFFIC NEEDS TO BE AVOIDED BY THE CONTRACTOR. NECESSARY WARNING SIGNS/TEMPORARY NAVIGATIONAL AIDS SHALL BE INSTALLED IN ACCORDANCE WITH USCG REGULATION. SEQUENCE OF CONSTRUCTION AND PLAN FOR MAINTAINING MARINE TRAFFIC THROUGH THE STRUCTURE SHALL BE SUBMITTED TO OCPR FOR APPROVAL.
 7. ALL BREACH PLUGS SHALL BE VEGETATED. SEE SPECIFICATIONS.
 8. CONTRACTOR TO COORDINATE ACTUAL LOCATION OF BREACH PLUG WITH OCPR PROJECT ENGINEER OR ASSIGNED PROJECT REPRESENTATIVE PRIOR TO INSTALLATION.

LEGEND

	FILL AREA
	DREDGE AREA

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AS-BUILT DRAWING

BREACH 4 - PLAN
SCALE: 1" = 40'

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH

450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL

DESIGNED BY: NJR

GIWW TO CLOVELLY HYDRAULIC RESTORATION
2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02

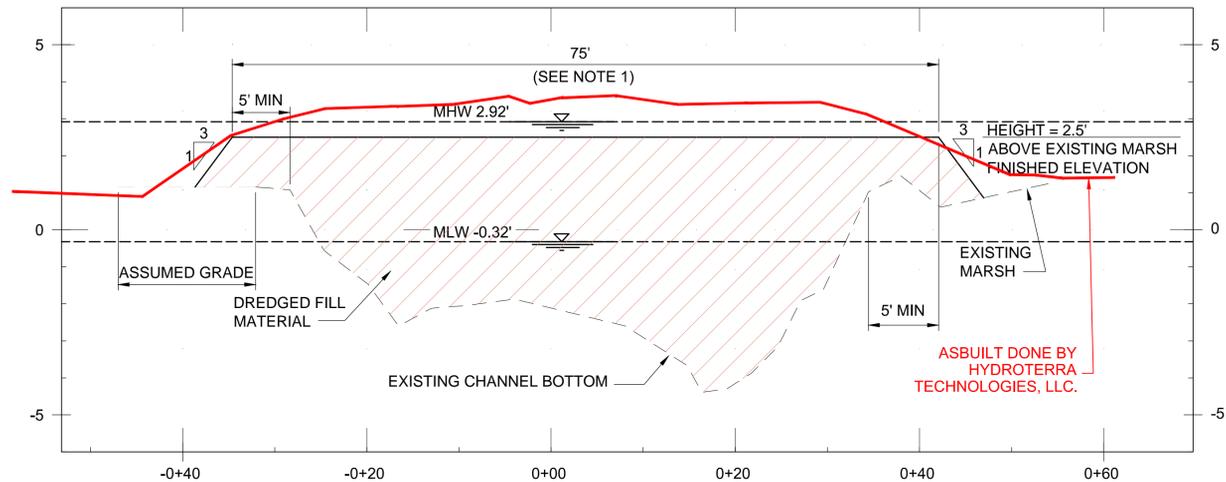
APPROVED BY: JPS

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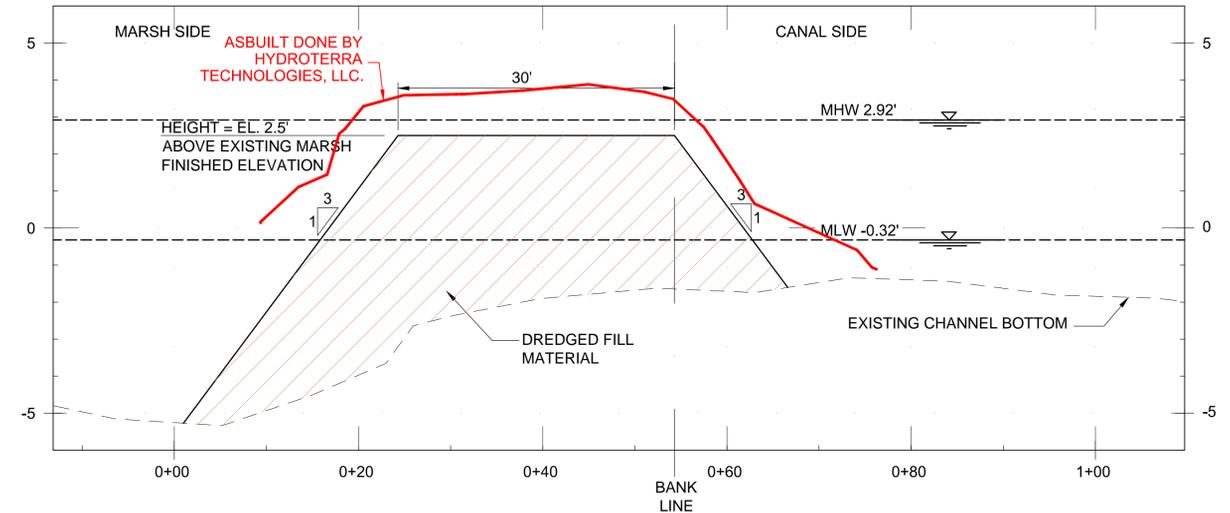
BREACH 4 - PLAN

DATE: MARCH 2011

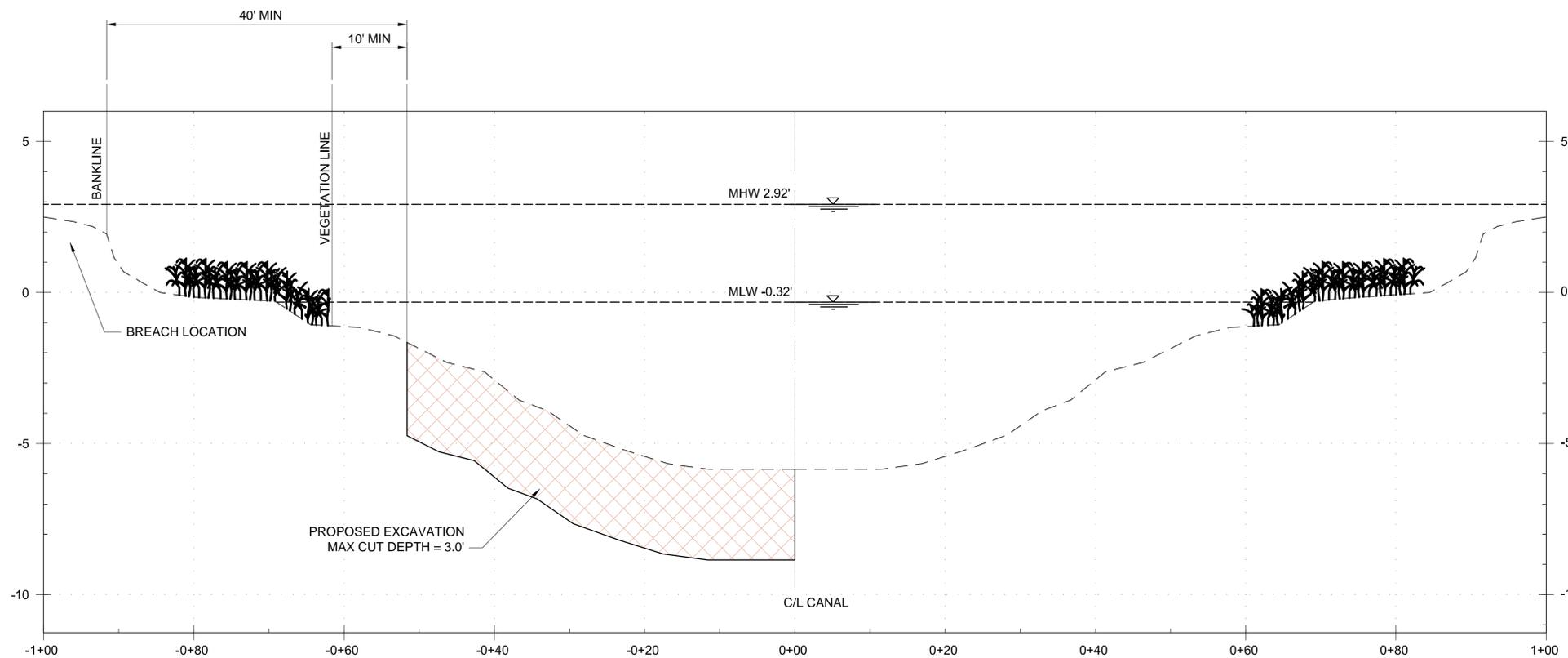
SHEET 30 OF 36



BREACH 4 - SECTION A
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 5'



BREACH 4 - PROFILE B
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 5'



TYPICAL BORROW AREA
 H: 1" = 20'-0"
 V: 1" = 5'-0"

GENERAL SHEET NOTES

1. BREACH REPAIR TIE-INS SHALL EXTEND MIN 5' ONTO EXISTING BANK.
2. EXISTING GRADE ELEVATIONS ARE BASED ON 2010 SURVEY DATA.
3. SEE SPECIFICATIONS FOR SETTLEMENT REQUIREMENTS.

LEGEND

- FILL AREA
- DREDGE AREA

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AS-BUILT DRAWING

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH

450 LAUREL STREET, SUITE 1200
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL

DESIGNED BY: NJR

GIWW TO CLOVELLY HYDRAULIC RESTORATION
 2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JPS

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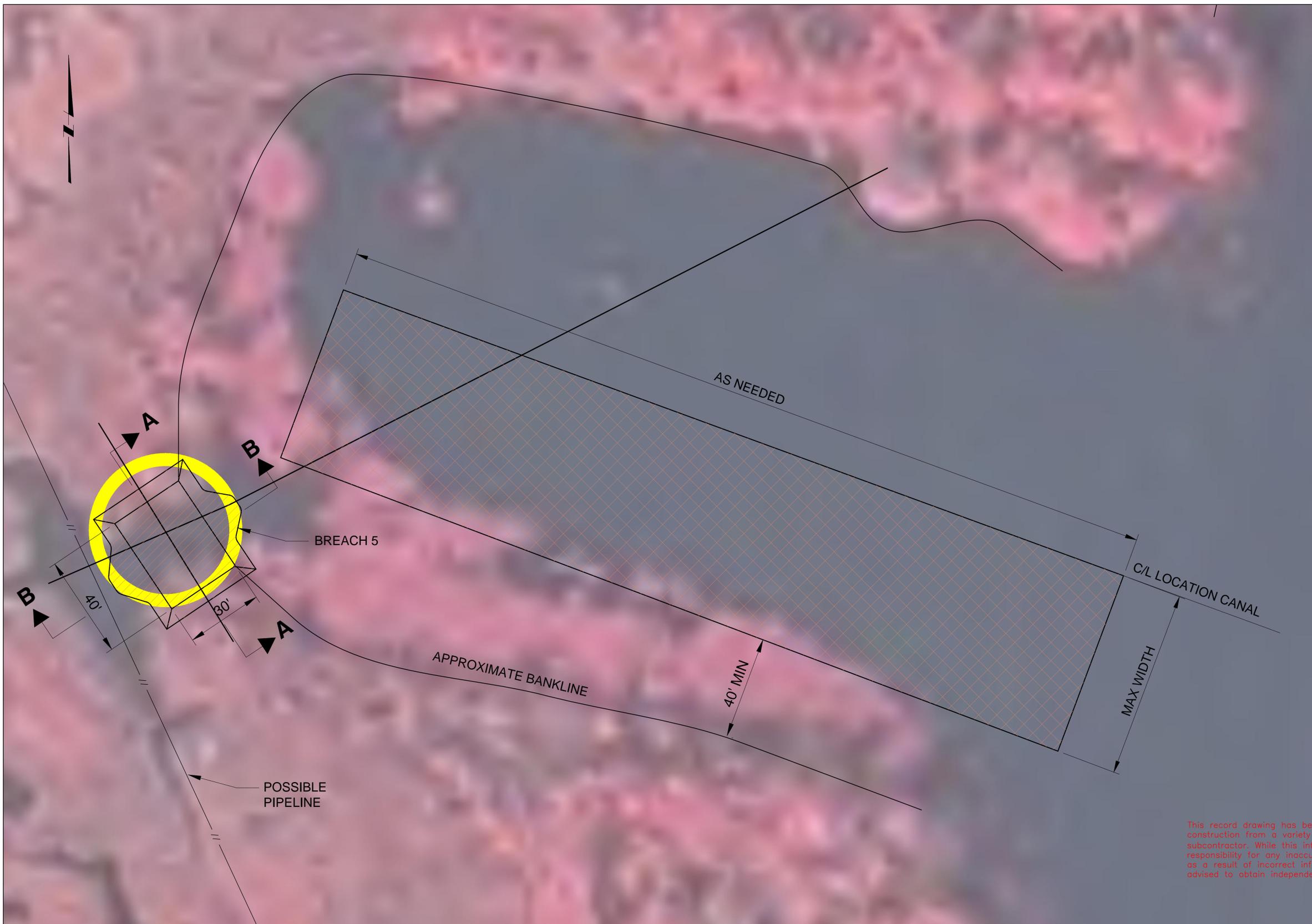
BREACH 4 - SECTIONS

DATE: MARCH 2011

SHEET 31 OF 36

GENERAL SHEET NOTES

1. NO DREDGING SHALL TAKE PLACE WITHIN 10 FEET OF VEGETATED WATER BOTTOMS, OR 40 FEET FROM EXISTING BANKLINE.
2. DREDGING SHALL NOT EXTEND PAST APPROXIMATE CENTERLINE OF CANAL.
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7. ALL BREACH PLUGS SHALL BE VEGETATED. SEE SPECIFICATIONS.
8. CONTRACTOR TO COORDINATE ACTUAL LOCATION OF BREACH PLUG WITH OCPR PROJECT ENGINEER OR ASSIGNED PROJECT REPRESENTATIVE PRIOR TO INSTALLATION.



LEGEND

	FILL AREA
	DREDGE AREA

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AS-BUILT DRAWING

BREACH 5 - PLAN
SCALE: 1" = 40'

REV.	DATE	DESCRIPTION	BY



**OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH**

450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL

DESIGNED BY: NJR

GIWW TO CLOVELLY HYDRAULIC RESTORATION
2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02

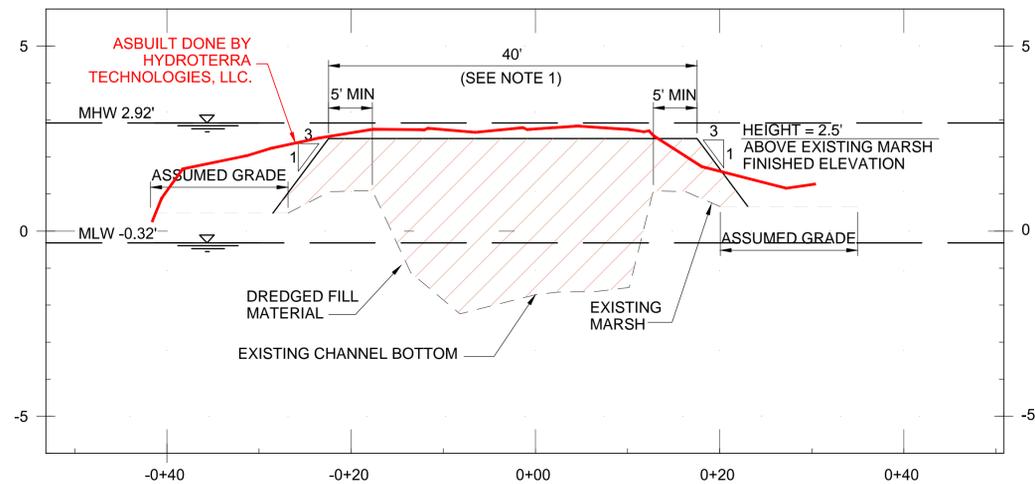
APPROVED BY: JPS

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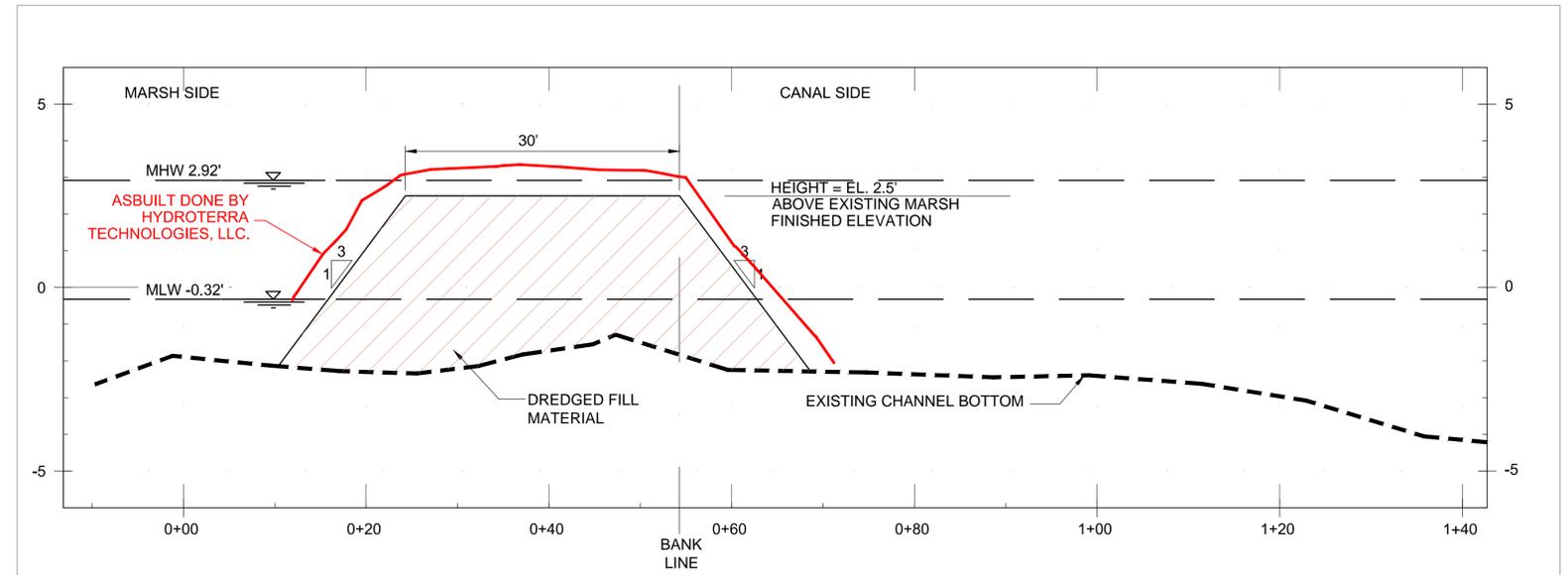
BREACH 5 - PLAN

DATE: MARCH 2011

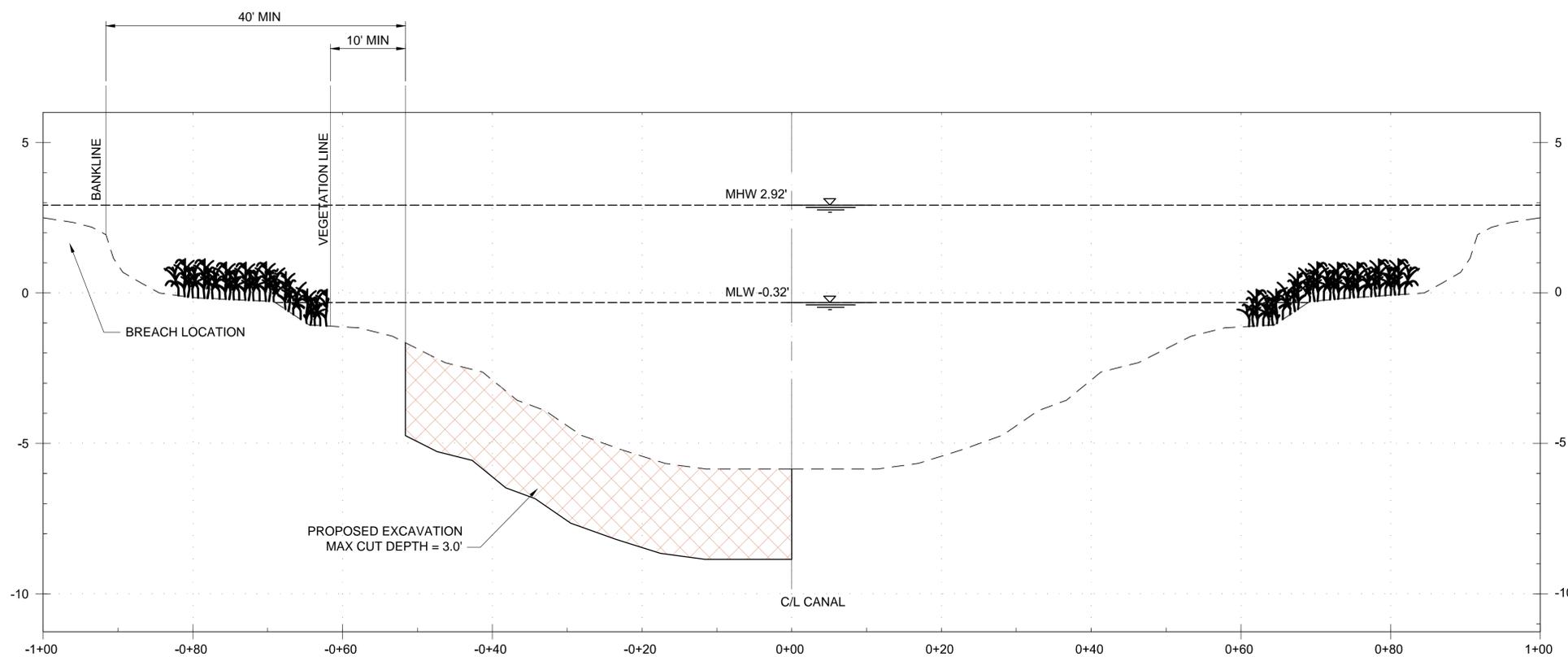
SHEET32 OF 36



BREACH 5 - SECTION A
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 5'



BREACH 5 - PROFILE B
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 5'



TYPICAL BORROW AREA
 H: 1" = 20'-0"
 V: 1" = 5'-0"

GENERAL SHEET NOTES

1. BREACH REPAIR TIE-INS SHALL EXTEND MIN 5' ONTO EXISTING BANK.
2. EXISTING GRADE ELEVATIONS ARE BASED ON 2010 SURVEY DATA.
3. SEE SPECIFICATIONS FOR SETTLEMENT REQUIREMENTS.

LEGEND

- FILL AREA
- DREDGE AREA

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AS-BUILT DRAWING

- NOTES:
1. BREACH REPAIR TIE-INS SHALL EXTEND MIN. 5' ONTO EXISTING BANK.
 2. EXISTING GRADE ELEVATIONS ARE BASED ON 2010 SURVEY DATA UNLESS SHOWN OTHERWISE.

REV.	DATE	DESCRIPTION	BY



**OFFICE OF COASTAL PROTECTION & RESTORATION
 ENGINEERING BRANCH**

450 LAUREL STREET, SUITE 1200
 BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL

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GIWW TO CLOVELLY HYDRAULIC RESTORATION
 2010 MAINTENANCE PROJECT

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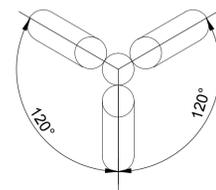
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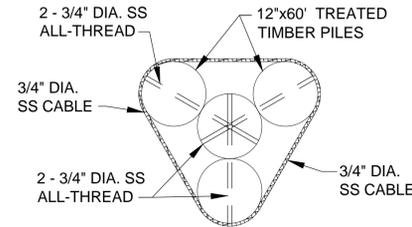
**BREACH 5 -
 SECTIONS**

DATE: MARCH 2011

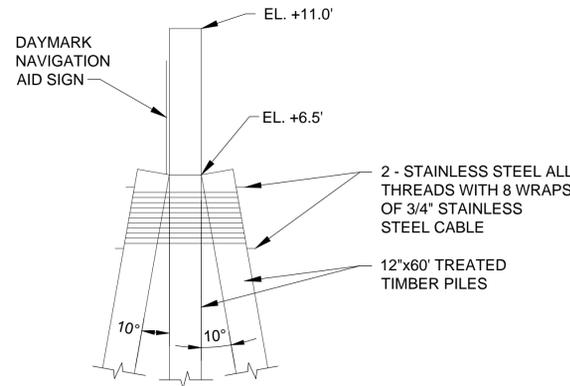
SHEET 33 OF 36



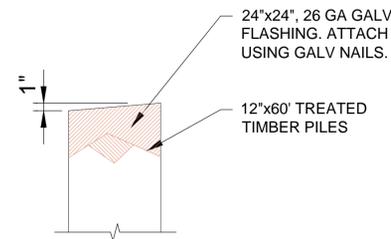
TOP VIEW
NO SCALE



TYPE V - NAV AID SUPPORT
PLAN VIEW
NO SCALE

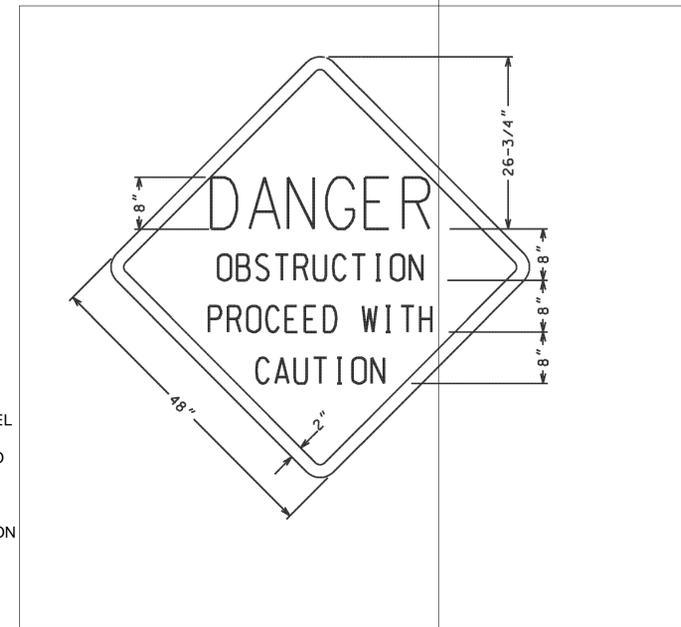


TYPE V - NAV AID SUPPORT DETAIL
NO SCALE



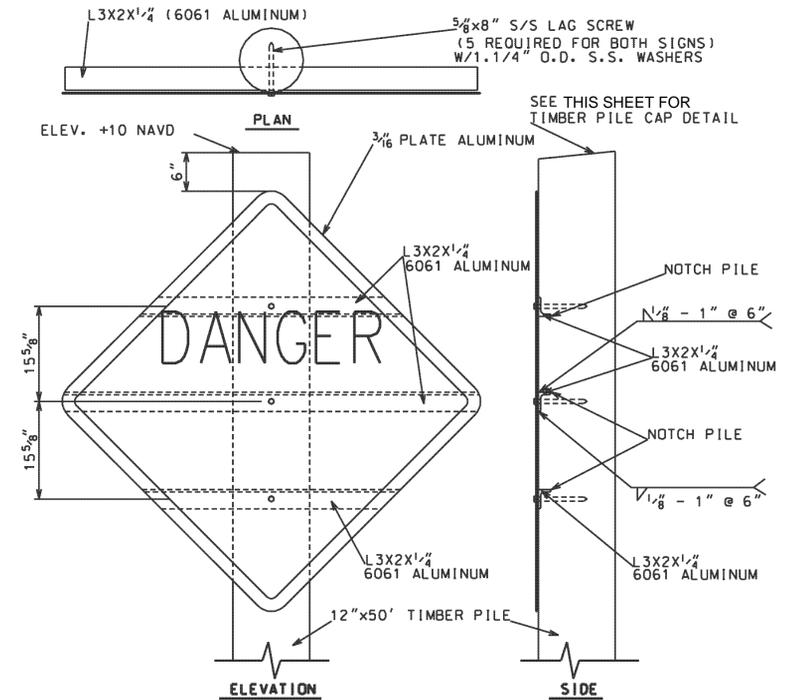
TYPICAL GALVANIZED WOOD PILE CAP
NO SCALE

SUMMARY OF REQUIRED STRUCTURES AND SIGNS								
SITE NO.	SIGN TYPE	SUPPORT TYPE TO BE REPLACED	NUMBER OF SUBSTRUCTURES TO BE REPLACED	DESCRIPTION	NUMBER OF SIGNS TO BE REPLACED	NAVIGATION LIGHTS TO REMOVE AND REINSTALL	GALVANIZED WOOD PILE CAP	SHEET
1	C	V	4	NAVIGATION AIDS	4	0	16	4
4	A	III	1	NAVIGATION AIDS	1	0	1	7
14A	C	V	3	NAVIGATION AIDS	3	3	12	9
91	-	-	0	-	0	0	4	3



NOTES:

1. THE 2" BORDER ON THE TYPE "B" WARNING SIGN SHALL BE A RETRO-REFLECTIVE MATERIAL OF ORANGE COLOR. THE LETTERING FIELD SHALL BE A RETRO-REFLECTIVE MATERIAL OF WHITE COLOR. THE LETTERING FOR THE WARNING SIGNS SHALL BE BLACK. WARNINGS SIGNS SHALL BE PLACED ONLY ON THE SIDE FACING THE BAY.
2. NEOPRENE OR TEFLON WASHERS SHALL BE PLACED BETWEEN STEEL ANGLE AND ALUMINUM SIGNS.



SIGN DETAIL - TYPE "A"
SIGN SUPPORT - TYPE "III"

NOTES:

1. CONTRACTOR TO REMOVE AND PROPERLY DISPOSE OF SUBSTRUCTURES FOLLOWING APPLICABLE LAWS.
2. CONTRACTOR TO USE TWO 3/4" DIAMETER STAINLESS STEEL RODS TO BOLT THE SUBSTRUCTURE PILING TOGETHER. THE RODS SHALL BE SPACED APPROXIMATELY 8" APART TO ALLOW THE STAINLESS STEEL CABLE TO BE WRAPPED BETWEEN THE RODS AND THUS BE HELD IN PLACE.
3. ALL TREATED TIMBER PILES FOR THE FOUR PILE NAVIGATION AID DOLPHIN SHALL BE 12"x60'.
4. THE 3/4" DIAMETER ALL-THREAD TIE RODS SHALL BE A MINIMUM OF 6" BELOW THE TOP OF THE BATTER PILE AND HAVE 3" VERTICAL CLEARANCE FROM ADJACENT TIE RODS.
5. ALL 3/4" DIAMETER ALL-THREAD TIE RODS SHALL BE SECURED BY NOTCHED IN PLACE OGEE WASHERS AND TACK WELDED NUTS.
6. SEE SHEET 35 FOR SIGN TYPE DETAILS.
7. GALVANIZED WOOD PILE CAPS SHALL BE INSTALLED ON EACH PILE AT STRUCTURE 1, STRUCTURE 14 (EXCEPT CENTER PILE) STRUCTURE 91 AND NEW PILE AT SITE 4.
8. 8 WRAPS OF 3/4" DIA CABLE MEETING ASTM A-416 AND ASTM A-882/A-882M-92 BETWEEN THE 3 3/4" DIA ALL-THREAD ASTM A-615 GR60 GALVANIZED AND EPOXY COATED TIE RODS.
9. THE 3/4" DIA CABLE SHALL BE SECURED USING 3 STAINLESS STEEL CLAMPS.

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AS-BUILT DRAWING

REV.	DATE	DESCRIPTION	BY



OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH

450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70804

DRAWN BY: LKL

DESIGNED BY: NJR

GIWW TO CLOVELLY HYDRAULIC RESTORATION
2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

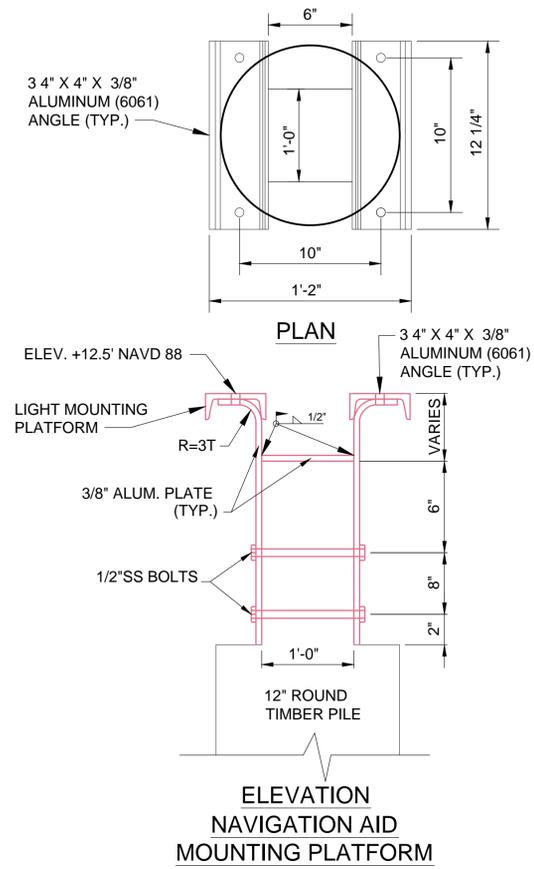
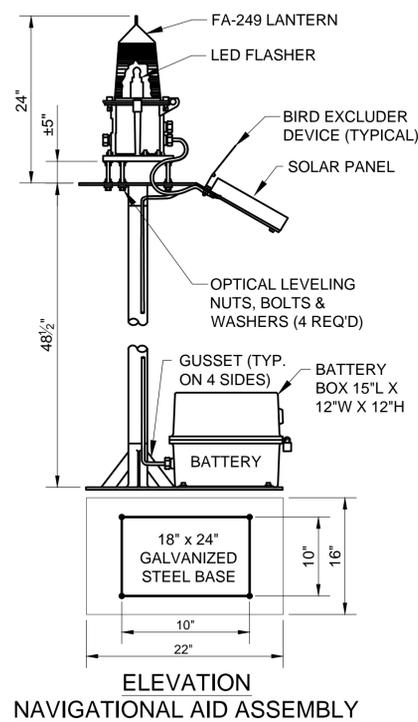
FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JPS

NAVIGATIONAL AID
SUPPORT DETAILS

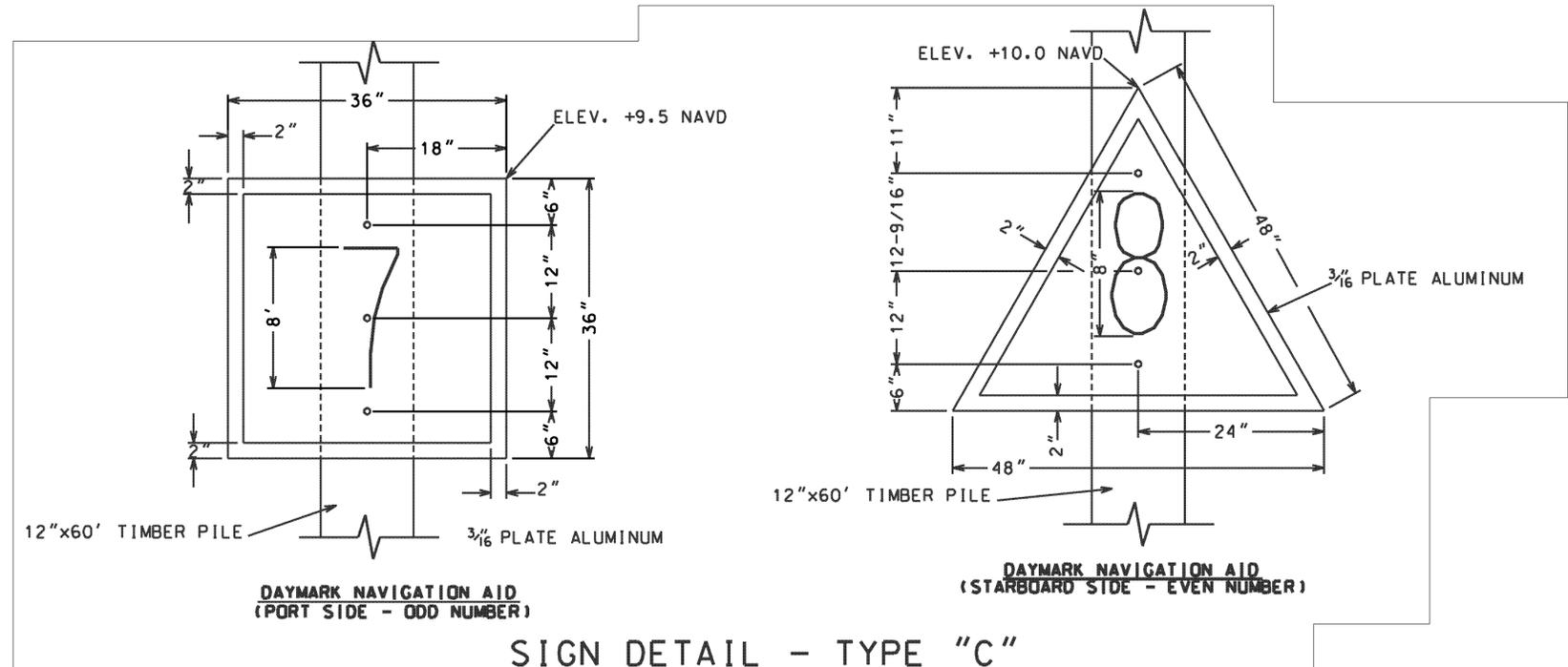
DATE: MARCH 2011

SHEET 34 OF 36



CONSTRUCTION NOTES:

1. CONTRACTOR SHALL REMOVE AND PROPERLY STORE EXISTING NAVIGATION LIGHTS. CONTRACTOR SHALL MAINTAIN REMOVED LIGHTS IN WORKING ORDER AND RE-INSTALL THE LIGHTS ON THE NEW DOLPHIN PILE STRUCTURES.
2. INSTALLATION HARDWARE (ie. BASEPLATES, BOLTS, ANGLES, ETC.) IN NEED OF REPLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
3. NOTCH ROUND TIMBER PILE FOR FLUSH ALUMINUM MOUNTING BRACKET ATTACHMENT.
4. HOLES IN ALUMINUM SHALL BE 1/16" OVERSIZE AND HOLES IN ROUND TIMBER PILE SHALL BE 1/8" OVERSIZE TO ACCOMMODATE CORRESPONDING BOLTS.
5. LIGHT PLATFORM SHALL BE CONNECTED TO SUPPORT FRAME ON TOP OF PILING WITH 1/2" ALUMINUM(6061) BOLTS, NUTS, & WASHERS. NUTS SHALL BE TACK WELDED TO FRAME AFTER ASSEMBLY. NUTS HOLDING SUPPORT FRAME TO PILING SHALL ALSO BE SECURED.



NOTES:

1. THE BORDER ON THE STARBOARD DAYMARK WILL BE A RETRO-REFLECTIVE MATERIAL OF RED COLOR. THE AREA INSIDE THE BORDERS WILL BE A RETRO-REFLECTIVE MATERIAL OF WHITE COLOR. THE NUMBERS WILL BE BLACK.
2. THE BORDER ON THE PORT SIDE DAYMARK WILL BE A RETRO-REFLECTIVE MATERIAL OF GREEN COLOR. THE AREA INSIDE THE BORDER WILL BE A RETRO-REFLECTIVE MATERIAL OF WHITE COLOR. THE NUMBERS WILL BE BLACK.
3. ALL DAYMARK NAVIGATION AIDS SHALL ABIDE BY U.S.C.G. REGULATIONS.
4. SIGNS SHALL BE SECURED TO TIMBER PILE WITH 3-5/8"x8" STAINLESS STEEL LAG SCREWS WITH 1-1/4" O.D. S.S. WASHER.

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AS-BUILT DRAWING

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OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH

450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70804

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DESIGNED BY: NJR

GIWW TO CLOVELLY HYDRAULIC RESTORATION
2010 MAINTENANCE PROJECT

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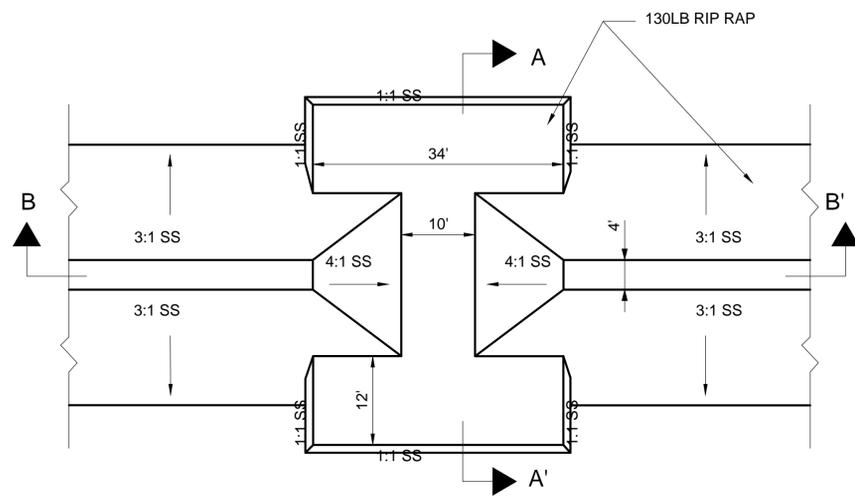
NAVIGATIONAL AID
ASSEMBLY AND DETAILS

DATE: MARCH 2011

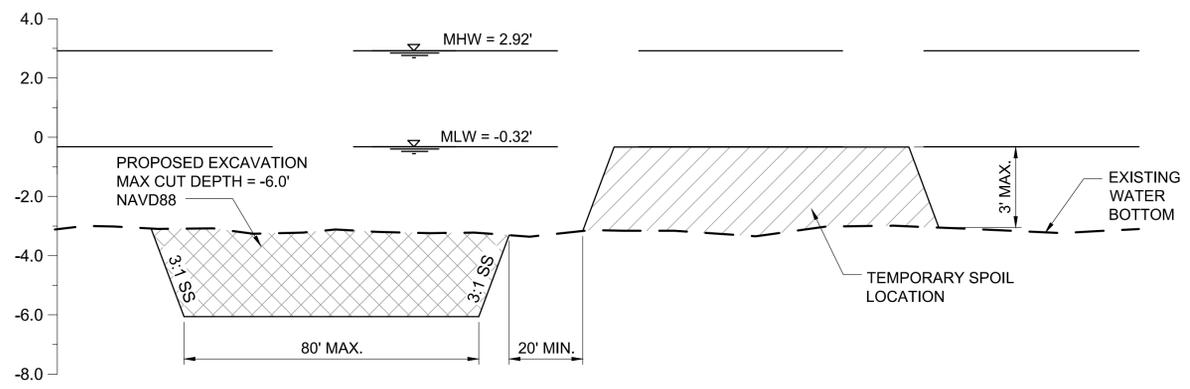
SHEET 35 OF 36

GENERAL SHEET NOTES

- ALL ELEVATIONS ARE IN NAVD 88 FEET.

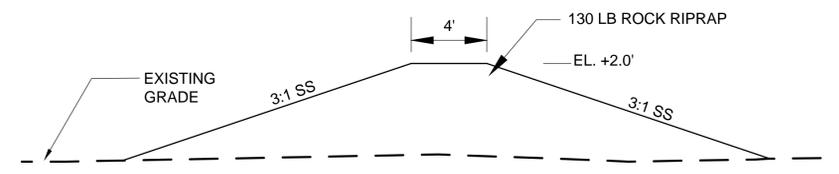


FISH DIP PLAN
NTS



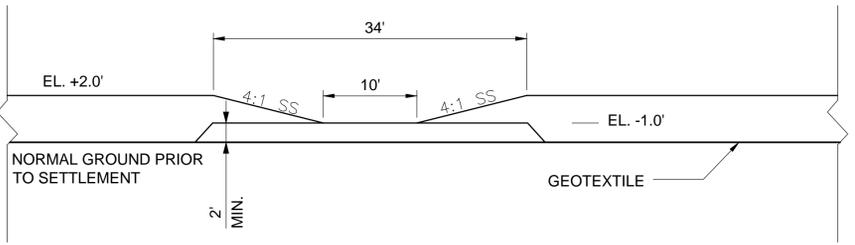
TYPICAL ACCESS DREDGING
NTS

B
VARIES

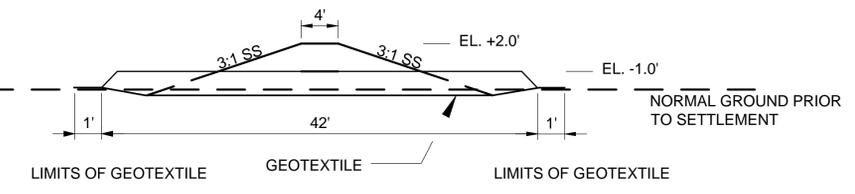


LAKE RIM - TYPICAL SECTION
NTS

C
VARIES



FISH DIP PROFILE B-B'
NTS



FISH DIP SECTION A-A'
NTS

FISH DIP DETAIL
NTS

A
VARIES

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**OFFICE OF COASTAL PROTECTION & RESTORATION
ENGINEERING BRANCH**

450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70804

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DESIGNED BY: NJR

GIWW TO CLOVELLY HYDRAULIC RESTORATION
2010 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JPS

**FISH DIP AND
DREDGING DETAILS**

DATE: MARCH 2011

SHEET 36 OF 36

ATTACHMENT "F"

Construction Contract

COPY

RECEIVED
NATURAL RESOURCE
PURCHASING



STATE OF LOUISIANA
OFFICE OF STATE PURCHASING
STATE PURCHASE ORDER (FRM REQ)

DATE PRINTED 11/04/11	ORDER NUMBER 3768560
--------------------------	-------------------------

2011 NOV 9 PM 3:22

VENDOR NAME, STREET, CITY, STATE, ZIP CODE DQSI LLC 19218 NORTH 5TH ST COVINGTON, LA 70433		ALL TERMS AND CONDITIONS IN THE SOLICITATION ARE PART OF THIS, ORDER AS IF FULLY REPRODUCED HEREIN.	
		FILE NUMBER : S28105DL PURCHASING AGENCY NO. : 107001	FY: 12
BILL TO: OFFICE OF COASTAL PROTECTION AND RE OCPR-ACCOUNTING POBOX 44027 DIANE RENEE MCKEE BATON ROUGE, LA 70804-4027		ADDRESS ALL INQUIRIES AND CORRESPONDENCE TO: HILARY STEPHENSON (225) 342-8022	
		SHIP FOB DESTINATION TO: (UNLESS SPECIFIED ELSEWHERE) OFFICE OF COASTAL PROTECTION AND RE OCPR-CONSTRUCTION PROJECT MANAGER PROJECT SITE, LA 00000	
		CONTACT FOR DELIVERY INSTRUCTIONS (NAME, TELEPHONE) BRIAN BABIN / SUSAN LAMBERT (985) 447-0956-7310	

VENDOR NO. 721416998-00	AWARD CODE 1	SOLIC CODE I	BUYER CODE D	COMPL CODE P	ISIS REQ NUMBER 1340369	AGENCY REQ NUMBER CED120002	SOLICIT NUMBER 2245524	CONTRACT NUMBER	REQ AGENCY: 109002 OFFICE OF COASTAL PROTECTION AND RE COASTAL PROTECTION AND RESTORATION
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PROMPT PAYMENT TERMS NONE	DELIVERY TERMS/FOB POINT AS SPECIFIED DESTINATION	VENDOR REFERENCE NUMBER	TOTAL AMOUNT OF ORDER \$ 3098901.97
------------------------------	--	-------------------------	--

LINE NO.	COMMODITY/SERVICE DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
00001	<p>COMMODITY CODE: 962-73-000000</p> <p>DELIVERY TERMS: SEE HEADER PAGE</p> <p>FURNISH ALL MATERIAL, LABOR, SUPPLIES, TOOLS AND EQUIPMENT NECESSARY FOR GIWW TO CLOVELLY 2010 MAINTENANCE LAFOURCHE PARISH</p> <p>SCOPE: THE CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT, & MATERIALS NECESSARY TO PERFORM THE WORK. THE WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE BID DOCUMENT SPECIFICATIONS & IN CONFORMITY TO LINE GRADE ELEVATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.</p> <p>LOCATION: THE PROJECT SITES ARE LOCATED IN BARATARIA BASIN NEAR THE GULF INTRA-INTRACOASTAL WATERWAY AND NORTH OF SUPERIOR CANAL FROM BAY L'OURS IN LAFOURCHE PARISH. THE PROJECT SITE IS ACCESSIBLE BY THE LAFOURCHE PARISH PUBLIC BOAT LAUNCH LOCATED ON E. 36TH ST.</p>	1.000	JOB	\$3098901.97	\$ 3098901.97

APPROVED: Hilary Stephenson
 DENISE LEA
 DIRECTOR OF STATE PURCHASING

PRICE SHEET

STATE PURCHASE ORDER (FRM REQ)

NUMBER : 3768560
VENDOR NUMBER : 721416998-00

VENDOR: DQSI LLC

PAGE
2

COMMODITY/SERVICE DESCRIPTION

QUANTITY

UNIT

UNIT PRICE

EXTENDED
AMOUNT

FOR PAYMENT - MAIL INVOICE TO:
OFFICE OF COASTAL PROTECTION & RESTORATI
ATTN: BRIAN BABIN
THIBODAUX FIELD OFFICE
1440 TIGER DRIVE, SUITE B
THIBODAUX, LA. 70301

FUNDING:
2511, 3655, 2F02, 03 \$2,306,181.97
2503, 3655, DNR096J1, 03 \$792,720.00

STANDARD TERMS & CONDITIONS

STATE PURCHASE ORDER (FRM REQ)

NUMBER : 3768560
VENDOR NUMBER: 721416998-00

VENDOR: DQSI LLC

PAGE
3

THE FOLLOWING CONDITIONS, UNLESS OTHERWISE STATED IN THE BID DOCUMENT, WILL APPLY TO ALL ORDERS:

PAYMENT TO VENDORS - PAYMENT FOR GOODS AND/OR SERVICES PURCHASED BY THE STATE WILL ONLY BE MADE IN ACCORDANCE WITH THE FOLLOWING CONDITIONS:

1. INVOICES MUST REFERENCE THE STATE'S PURCHASE ORDER NUMBER AND REFLECT THE QUANTITY BILLED BY PURCHASE ORDER LINE NUMBER.
2. BILLS OF LADING, PACKING SLIPS, AND/OR OTHER RELATED SHIPPING PAPERS MUST REFERENCE THE STATE'S PURCHASE ORDER NUMBER AND REFLECT THE QUANTITY SHIPPED BY PURCHASE ORDER LINE NUMBER.

THE STATE IS NOT RESPONSIBLE FOR GOODS DELIVERED OR WORK DONE WITHOUT A WRITTEN ORDER. NO ALLOWANCE FOR BOXING OR CRATING. UNAUTHORIZED QUANTITIES IN EXCESS OF THIS ORDER WILL BE RETURNED OR HELD SUBJECT TO SHIPPER'S ORDER, EXPENSE AND RISK.

CONTRACTOR WARRANTS THAT THE MERCHANDISE TO BE FURNISHED HEREUNDER WILL BE IN FULL CONFORMITY WITH THE SPECIFICATION, DRAWING OR SAMPLE AND AGREES THAT THIS WARRANTY SHALL SURVIVE ACCEPTANCE OF THE MERCHANDISE AND THAT CONTRACTOR WILL BEAR THE COST OF INSPECTING REJECTED MERCHANDISE.

ALL REJECTED GOODS WILL BE HELD AT CONTRACTOR'S RISK AND EXPENSE, SUBJECT TO CONTRACTOR'S PROMPT ADVICE AS TO DISPOSITION. UNLESS OTHERWISE ARRANGED, ALL REJECTED GOODS WILL BE RETURNED AT CONTRACTOR'S EXPENSE.

CONTRACTOR WILL, AT ITS EXPENSE, DEFEND THE STATE AGAINST ANY CLAIM THAT ANY MERCHANDISE TO BE FURNISHED HEREUNDER INFRINGES A PATENT OR COPYRIGHT IN THE UNITED STATES OR PUERTO RICO, AND WILL PAY ALL COST DAMAGES AND ATTORNEY'S FEES THAT A COURT FINALLY AWARDS AS A RESULT OF SUCH CLAIM.

COMPLIANCE WITH CIVIL RIGHTS LAWS.

THE CONTRACTOR AGREES TO ABIDE BY THE REQUIREMENTS OF THE FOLLOWING AS APPLICABLE: TITLE VI AND VII OF THE CIVIL RIGHTS ACT OF 1964, AS AMENDED BY THE EQUAL OPPORTUNITY ACT OF 1972, FEDERAL EXECUTIVE ORDER 11246, THE FEDERAL REHABILITATION ACT OF 1973, AS AMENDED, THE VIETNAM ERA VETERAN'S READJUSTMENT ASSISTANCE ACT OF 1974, TITLE IX OF THE EDUCATION AMENDMENTS OF 1972, THE AGE ACT OF 1975, AND CONTRACTOR AGREES TO ABIDE BY THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT OF 1990. CONTRACTOR AGREES NOT TO DISCRIMINATE IN ITS EMPLOYMENT PRACTICES, AND WILL RENDER SERVICES UNDER THIS AGREEMENT AND ANY CONTRACT ENTERED INTO AS A RESULT OF THIS AGREEMENT, WITHOUT REGARD TO RACE, COLOR, RELIGION, SEX, NATIONAL ORIGIN, VETERAN STATUS, POLITICAL AFFILIATION, OR DISABILITIES. ANY ACT OF DISCRIMINATION COMMITTED BY CONTRACTOR, OR FAILURE TO COMPLY WITH THESE STATUTORY OBLIGATIONS WHEN APPLICABLE, SHALL BE GROUNDS FOR TERMINATION OF THIS AGREEMENT AND ANY CONTRACT ENTERED INTO AS A RESULT OF THIS AGREEMENT.

SCHEDULE OF BID ITEMS
GIWW to Clovelly Hydrologic Restoration (BA-02) 2010 Maintenance Project

Mail To:
 Office of State Purchasing
 Division of Administration
 State of Louisiana
 Attn: Hilary Stephenson
 P.O. Box 94095
 Baton Rouge, LA 70804-9095

ITEM No.	ITEM	UNIT	QUANTITY ¹	UNIT PRICE ²		EXTENDED PRICE ³	
				USING WORDS	USING NUMBERS	USING WORDS	USING NUMBERS
1.	Mobilization and Demobilization	Lump Sum	1	one hundred ten thousand two hundred forty six Dollars forty eight Cents	\$ 110,246.48	\$ 110,246.48	\$ 110,246.48
2.	Construction Surveys	Lump Sum	1	two hundred five thousand four hundred fifty three Dollars ninety five Cents	\$ 205,453.95	\$ 205,453.95	\$ 205,453.95
3.	Access and Flootation Channels	Lump Sum	1	fifty two thousand one hundred thirty Dollars fifty one Cents	\$ 52,130.41	\$ 52,130.41	\$ 52,130.41
4.	Breach Repairs	Lump Sum	1	fifty four thousand five hundred fifty one Dollars ninety three Cents	\$ 54,551.93	\$ 54,551.93	\$ 54,551.93
5.	Temporary Warning Signs & Lights	Each	5	three thousand six hundred seventy six Dollars seventy nine Cents	\$ 3,676.79	\$ 3,676.79	\$ 18,383.95
6.	Structure 14A - Type V Navigational Aid Substructure & Sign Replacement (including re-installation of existing navigational lights)	Lump Sum	1	seventy six thousand three hundred twenty three Dollars eight Cents	\$ 76,323.08	\$ 76,323.08	\$ 76,323.08

BID DOCUMENTS
 GIWW To Clovelly Hydrologic Restoration 2010 Maintenance Project

ITEM No.	ITEM	UNIT	QUANTITY ¹	UNIT PRICE ¹		EXTENDED PRICE ²
				USING WORDS	USING NUMBERS	
7.	Structure 1, 4 and 91 - Type III and V Navigational Aid Substructure & Sign Replacement	Lamp Sum	1	seventy six thousand four hundred thirty eight Dollars nineteen Cents	\$ 76,438.17	\$ 76,438.17
8.	10 lb Riprap	Tons	2,600	sixty seven Dollars twenty six Cents	\$ 67.26	\$ 174,876.00
9.	150 lb Riprap	Tons	25,000	sixty six Dollars thirty eight Cents	\$ 66.38	\$ 1,659,500.00
10.	250 lb Riprap	Tons	4,200	seventy one Dollars eighty Cents	\$ 71.80	\$ 301,560.00
11.	Woven Geotextile Fabric	Square Yard	5,300	three Dollars fifty four Cents	\$ 3.54	\$ 18,762.00
<p>TOTAL AMOUNT OF BASE BID: two million seven hundred forty eight thousand two hundred twenty five Dollars ninety seven Cents (using words)</p>						

2,748,225.97

BID DOCUMENTS
GIWW To Clevelly Hydrologic Restoration

March 2011

ITEM No.	ITEM	UNIT	QUANTITY	UNIT PRICE ²		EXTENDED PRICE ²
				USING WORDS	USING NUMBERS	
AL.	130 lb Riprap	Tons	5,400	sixty four Dollars ninety four Cents	\$ 64.94	\$ 350,676.00
TOTAL AMOUNT OF ALTERNATE 1: three hundred fifty thousand six hundred seventy six Dollars zero Cents (using words)						
TOTAL AMOUNT OF BASE BID PLUS ALTERNATE 1: three million ninety eight thousand nine hundred one Dollars ninety seven Cents (using words)						

- Where the quantity of Work with respect to any item is covered by a unit price, such quantities are estimated quantities to be used when comparing bids and the right is reserved by the Owner to increase/decrease such quantities as may be necessary to complete the Work and/or remain within the funding limits. In the event of material underpayment/overrun, the unit costs will be used to determine payment to the Contractor.
- Items must be completed by the Bidder. The completed items must be attached to the bid submitted to the Office of State Purchasing in order for the bid to be considered. The low Bidder will be determined on the basis of the Base Bid and any Alternates accepted.
- Mobilization and Demobilization shall include all appropriate costs associated with constructing all features listed in the Specifications and/or shown in the Plans.

3,098,901.97

BOBBY JINDAL
GOVERNOR



PAUL W. RAINWATER
COMMISSIONER OF ADMINISTRATION

State of Louisiana
Division of Administration
Office of State Purchasing

November 4, 2011

Ms. Shelly Stubbs, Ph.D
Member - President & CEO
DQSI, LLC
19218 North 5th Street
Covington LA 70433

Dear Ms. Stubbs:

RE: Construction for GIWW to Clovelly Hydrologic Restoration 2010 Maintenance
Project/Project Number BA-02/Lafourche Parish, Louisiana/
Louisiana Office of Coastal Protection and Restoration
File Number S 28105 DL, Purchase Order Number 3768560

We are enclosing the original and two (2) copies of the contract and bond as referenced above.

The original contract and bond are to be recorded with the Clerk of Court in the parish in which the work is to be done and a Certificate of Recordation is to be forwarded to the Division of Administration, State Purchasing, Post Office Box 94095, Capitol Station, Baton Rouge, Louisiana 70804-9095. **No invoices will be processed by the contracting agency until this certificate is received.** The second copy is for your bonding company and the third copy is for your files and records.

Also enclosed, please find the formal purchase order and the "Notice to Proceed".

If there are any questions, in regards to this project, please contact Hilary Stephenson at 225-342-8022.

Sincerely,

A handwritten signature in cursive script that reads "Denise Lea".

Denise Lea
Director of State Purchasing

DML:FMS:PEP:HS:jw^{11/5}

Enclosures

c: Mr. Jerome Zeringue
Office of Coastal Protection & Restoration

BOBBY JINDAL
GOVERNOR



PAUL W. RAINWATER
COMMISSIONER OF ADMINISTRATION

State of Louisiana
Division of Administration
Office of State Purchasing

November 4, 2011

NOTICE TO PROCEED

Ms. Shelly Stubbs, Ph.D
Member - President & CEO
DQSI, LLC
19218 North 5th Street
Covington LA 70433

Dear Ms. Stubbs:

RE: Construction for GIWW to Clovelly Hydrologic Restoration 2010 Maintenance Project/
Project Number BA-02/Lafourche Parish, Louisiana/
Louisiana Office of Coastal Protection and Restoration
File Number S 28105 DL, Purchase Order Number 3768560
Amount of Contract: \$3,098,901.97

You are hereby notified to commence work on the referenced contract on or before **November 18, 2011**, and are to fully complete the work within **One Hundred Eighty (180)** consecutive calendar days thereafter. Your contract completion date is therefore **May 16, 2012**.

The contract provides for assessment of the sum of **\$1,500.00** per day as liquidated damages for each consecutive calendar day after the above established contract completion date that the work remains incomplete.

If there are any questions, in regards to this project, please contact Hilary Stephenson at 225-342-8022.

Sincerely,

A handwritten signature in cursive script that reads "Denise Lea".

Denise Lea
Director of State Purchasing

DML:FMS:PEP:HS:jw 11.5.

c: Mr. Jerome Zeringue
Office of Coastal Protection & Restoration

STATE OF LOUISIANA

FILE NUMBER: S 28105 DL

PARISH OF LAFOURCHE

P.O. NUMBER: 3768560

BOND NUMBER: 929515885

CONTRACT BETWEEN OWNER AND CONTRACTOR
AND PERFORMANCE AND PAYMENT BOND

This agreement entered into this 4th day of November, 2011, by DQSI, LLC, represented by Ms. Shelly Stubbs, Ph.D., Member - President & CEO, hereinafter called the "Contractor", whose business address is 19218 North 5th Street, Covington LA 70433, and the State of Louisiana, Office of Coastal Protection and Restoration, Post Office Box 44027, 450 Laurel Street, Chase Tower, Suite 1501, Baton Rouge, Louisiana, herein represented by the contracting officer, executing this contract, Mr. Jerome Zeringue, Executive Director, hereinafter called the "Owner".

Witnesseth that the Contractor and the Owner, in consideration of premises and the mutual covenants; consideration and agreement herein contained, agree as follows:

Statement of Work: The contractor shall furnish all labor and materials and perform all of the work required to build, construct and complete in a thorough and workmanlike manner: For Construction of GIWW to Clovelly Hydrologic Restoration 2010 Maintenance Project, Project Number BA-02, Lafourche Parish, Louisiana for the Louisiana Office of Coastal Protection and Restoration in strict accordance with Contract Documents prepared by the agency.

It is recognized by the parties herein that said Contract Documents including by way of example and not of limitation, the Drawings and Specifications dated September 7, 2011, Addendum No. 1 dated August 31, 2011, the Instruction to Bidders, Bid Form, General Conditions, Supplementary Conditions, any Addenda thereto, impose duties and obligations upon the parties herein, and said parties thereby agree that they shall be bound by said duties and obligations. For these purposes, all of the provisions contained in the aforementioned Construction Documents are incorporated herein by reference with the same force and effect as though said Construction Documents were herein set out in full.

Time for Completion: The work shall be commenced on a date to be specified in a written order of the Owner and shall be completed within One Hundred Eighty (180) consecutive calendar days from and after the said date.

Liquidated Damages: Contractor shall be assessed Liquidated Damages in the amount of \$1,500.00 per day for each consecutive calendar day which work is not complete beginning with the first day beyond the completion time.

Compensation to be paid to the Contractor: The Owner will pay and the Contractor will accept in full consideration for the performance of the contract the sum of Base Bid: Two Million, Seven Hundred Forty-Eight Thousand, Two Hundred Twenty-Five And .97/1.00 (\$2,748,225.97) and Alternate #1: Three Hundred Fifty Thousand, Six Hundred Seventy-Six And No/1.00 (\$350,676.00) and the Grand Total of Three Million, Ninety-Eight Thousand, Nine Hundred One And .97/1.00 Dollars (\$3,098,901.97), which sum represents the Base Bid and Alternate #1.

Performance and Payment Bond: To these presents personally came and intervened Wendy Ann Hoyle - Attorney-In-Fact, herein acting for Western Surety Company, a corporation organized and existing under the laws of the State of South Dakota, and duly authorized to transact business in the State of Louisiana, as surety, who declared that having taken cognizance of this contract and of the Construction Documents mentioned herein, he hereby in his capacity as its Attorney in Fact obligates his said company, as Surety for the said Contractor, unto the said Owner, up to the sum of Base Bid: Two Million, Seven Hundred Forty-Eight Thousand, Two Hundred Twenty-Five And .97/1.00 (\$2,748,225.97) and Alternate #1: Three Hundred Fifty Thousand, Six Hundred Seventy-Six And No/1.00 (\$350,676.00) and the Grand Total of Three Million, Ninety-Eight Thousand, Nine Hundred One And .97/1.00 Dollars (\$3,098,901.97), which sum represents the Base Bid and Alternate #1.

The condition of this performance and payment bond shall be that should the Contractor herein not perform the contract in accordance with the terms and conditions hereof, or should said contractor not fully indemnify and save harmless the Owner, from all cost and damages which he may suffer by said Contractor's non-performance or should said Contractor not pay all persons who have

and fulfill obligations to perform labor and/or furnish materials in the prosecution of the work provided for herein, including by way of example workmen, laborers, mechanics, and furnishers of materials, machinery, equipment and fixtures, then said Surety agrees and is bound to so perform the contract and make said payment(s).

Provided, that any alterations which may be made in the terms, of the contract or in the work to be done under it, or the giving by the Owner of any extensions of time for the performance of the contract, or any other forbearance on the part of either the Owner or the Contractor to the other shall not in any way release the Contractor or the Surety from their extensions or other forbearance being hereby waived.

In Witness whereof, the parties hereto on the day and year first above written have executed this agreement in eight (8) counterparts, each of which shall, without proof or accountancy for the other counterparts, be deemed an original thereof.

WITNESSES:

Patricia Paul
PATRICIA PAUL

Sandy Trahan
SANDY TRAHAN

Jeffery J. Arceneaux
JEFFERY J. ARCEAUX
Jerry Rogers
JERRY ROGERS

Debra Stevens
Wendy Ann Hoyle
Patricia Paul
Kintzly Dunkard

**OFFICE OF COASTAL PROTECTION & RESTORATION
OWNER**

BY: Jerome Zeringue
JEROME ZERINGUE
EXECUTIVE DIRECTOR

DQSI, LLC
CONTRACTOR
BY: Shelly Stubbs, Ph.D.
SHELLY STUBBS, PH.D.
MEMBER - PRESIDENT & CEO

Western Surety Company
SURETY

BY: Wendy Ann Hoyle

Wendy Ann Hoyle
ATTORNEY IN FACT
P O Box 5077

Sioux Falls SD 57117-5077
ADDRESS
(800) 262-2752
TELEPHONE NUMBER

Contract Approved:

This 4th day of November, 2011

DIVISION OF ADMINISTRATION

BY: Denise Lea
DENISE LEA
DIRECTOR OF STATE PURCHASING

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

James Mc Lachlan III, Patrick T. Dykes, Wendy Ann Hoyle, Individually

of Covington, LA, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Senior Vice President and its corporate seal to be hereto affixed on this 7th day of December, 2009.



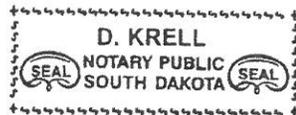
WESTERN SURETY COMPANY

Paul T. Bruflat
Paul T. Bruflat, Senior Vice President

State of South Dakota }
County of Minnehaha } ss

On this 7th day of December, 2009, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Senior Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires
November 30, 2012



D. Krell
D. Krell, Notary Public

CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 21 day of October 2011.



WESTERN SURETY COMPANY

L. Nelson
L. Nelson, Assistant Secretary

REMINDER

NO INVOICE SHOULD BE PAID
UNTIL YOUR AGENCY RECEIVES
FROM THE OFFICE OF STATE
PURCHASING THIS FORM:

"NOTICE BY OWNER OF ACCEPTANCE OF WORK"

When the above form is received, your
agency can pay up to 95% and retain 5%
until your agency receives from the vendor a

"CLEAR LIEN CERTIFICATE"

If you have any questions, call
Hilary Stephenson, (225) 342-8022

ATTACHMENT "G"

Materials Submitted



19218 North 5th Street · Covington, LA 70433
Phone (985) 871-7472 · Fax (985) 871-1072
www.DQSI.com

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

December 7, 2011

Submittal
Geotextile Resubmittal
(Affidavit and Spec Sheet)

PROJECT (BA-02)

Submitted To:
State of Louisiana
Office of State Purchasing
1201 N. Third Street
Baton Rouge, LA 70802

Contractor:
DQSI Corporation (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

DQSI Corporation

✓ Approved
 Approved with corrections as noted on
Submittal data and/or sheet(s)

SIGNATURE: *[Signature]*

TITLE: *[Signature]*

DATE: 12/7/2011

Mississippi Office

John C. Stennis Space Center
Building 1103 Room 147C · Stennis Space Center, MS 39529
Phone: (228) 688-3796 · Fax: (228) 688-6184

New Orleans Office

Center for Energy Resource Management
2045 Lakeshore Drive – Suite 213 · New Orleans, LA 70122
Phone: (504) 280-4080

TENCATE

MIRAFI HP570 Certification

TENCATE GEOSYNTHETICS
NORTH AMERICA

Page: 1

LUSCO- FERGUSON ENTERPRISES
901 S. LABARRE RD #206
METAIRIE, LA 70001

Proj Name: GIWW CLOVELLY PROJECT SUBMITTAL

This is to certify that Mirafi® HP570 geotextile is composed of high-tenacity polypropylene yarns, which are woven into a network such that the yarns retain their relative position. Mirafi® HP570 geotextile is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids. NTPEP No. GTX-09-07-06

Mechanical Properties	Test Code	Test Method	Minimum Average Roll Value			
WIDE WIDTH @ ULTIMATE (MD)	WWMD	ASTM D4595	4800	LBS/FT	70	KN/M
WIDE WIDTH @ ULTIMATE (CD)	WWCD	ASTM D4595	4800	LBS/FT	70	KN/M
WIDE WIDTH ELONGATION (MD)	WWELMD	ASTM D4595	9	%		*
WIDE WIDTH ELONGATION (CD)	WWELCD	ASTM D4595	9	%		*
WIDE WIDTH @ 2% (MD)	WWMD2	ASTM D4595	960	LBS/FT	14	KN/M
WIDE WIDTH @ 2% (CD)	WWCD2	ASTM D4595	1320	LBS/FT	19	KN/M
WIDE WIDTH @ 5% (MD)	WWMD5	ASTM D4595	2400	LBS/FT	35	KN/M
WIDE WIDTH @ 5% (CD)	WWCD5	ASTM D4595	2700	LBS/FT	39	KN/M
WIDE WIDTH @ 10% (MD)	WWMD10	ASTM D4595	4800	LBS/FT	70	KN/M
WIDE WIDTH @ 10% (CD)	WWCD10	ASTM D4595	4800	LBS/FT	70	KN/M
FACTORY SEAM	SEAM	ASTM D4884	250	LBS/IN	44	KN/M
APPARENT OPENING SIZE - SIEVE	AOS	ASTM D4751	30	#		
APPARENT OPENING SIZE - MM	AOS2	ASTM D4751	.60	MM		
PERMITTIVITY	PTVY	ASTM D4491	.40	SEC-1		
PERMEABILITY	PBTY	ASTM D4491	.050	CM/SEC		
WATER FLOW RATE	FLOW	ASTM D4491	30	GPM/FT2	1222	L/MIN/M2
UV RESISTANCE @ 500 HOURS	UV	ASTM D4355	80	%		

Physical Properties	Test Code	Test Method	Typical Value		
MASS/UNIT WEIGHT	WEIGHT	ASTM D5261	14.0	OZ/YD2	474.6 G/M2

* Customer requested specification.

Certification reflects test results at time of manufacturing and shipment. TenCate Geosynthetics is not responsible for environment or other factors which could alter the physical properties.

ASTM D3786: Modified - tare weight not removed

Factory Seam Strength (ASTM D4884) is not covered by our current A2LA accreditation.

ASTM D4751, AOS is a Maximum Opening Diameter Value

ASTM D4491 - Tested according to Constant Head procedure.

*** END OF REPORT ***

This December 07, 2011



Chris Whitfield, Quality Manager CERT#: 1004249

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American Association of Laboratory Accreditation Certificate Number: 1291.01 Accreditation #: GAI-LAP-25-1997

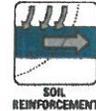
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365 South Holland Dr.
Pendergrass, GA 30567

Tel 706 693 2226
Tel 888 795 0808

Fax 706 693 2122
www.tencate.com





Mirafi[®] HP570

Mirafi[®] HP570 geotextile is composed of high-tenacity polypropylene yarns, which are woven into a network such that the yarns retain their relative position. Mirafi[®] HP570 geotextile is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

Mechanical Properties	Test Method	Unit	Minimum Average Roll Value	
			MD	CD
Tensile Strength (at ultimate)	ASTM D4595	lbs/ft (kN/m)	4800 (70.0)	4800 (70.0)
Tensile Elongation	ASTM D4595	%	9	9
Factory Seam Strength	ASTM D4884	lbs/ft (kN/m)	3000 (43.8)	
Trapezoid Tear Strength	ASTM D4533	lbs (N)	220 (979)	220 (979)
Puncture Strength	ASTM D4833	lbs (N)	200 (890)	
Flow Rate	ASTM D4491	gal/min/ft ² (l/min/m ²)	30 (1222)	
Permittivity	ASTM D 4491	sec ⁻¹	0.40	
Apparent Opening Size (AOS) ¹	ASTM D4751	U.S. Sieve (mm)	30 (0.60)	
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	80	

¹ ASTM D 4751: AOS is a Maximum Opening Diameter Value

Physical Properties	Unit	Typical Value
Mass/Unit Area (ASTM D5261)	oz/yd ² (g/m ²)	14.0 (475)
Roll Dimensions (length x width)	ft (m)	15 x 300 (4.5 x 91)
Roll Area	yd ² (m ²)	500 (418)
Estimated Roll Weight	lbs (kg)	475 (215)

Disclaimer: TenCate assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. TenCate disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.

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STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

December 7, 2011

Submittal
Sieve Analysis Resubmittal
(10# Rip Rap Correction)

PROJECT (BA-02)

Submitted To:
State of Louisiana
Office of State Purchasing
1201 N. Third Street
Baton Rouge, LA 70802

Contractor:
DQSI Corporation (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

**REVIEWED FOR GENERAL
COMPLIANCE WITH
CONTRACT DOCUMENTS**

NO RESPONSIBILITY IS ASSUMED FOR QUANTITIES OR FOR CORRECTNESS OF DIMENSIONS OR DETAILS.

THIS REVIEW IS SUBJECT TO ALL TERMS AND CONDITIONS OF THE CONTRACT DOCUMENTS WITH SPECIAL REFERENCE TO WARRANTY REQUIREMENTS CONTAINED THEREIN. THE CONTRACTOR SHALL OBTAIN A CERTIFICATION FROM ALL SUPPLIERS AND/OR SUBCONTRACTORS THAT THEY ARE AWARE OF AND ARE ABIDING BY WARRANTY REQUIREMENTS OF THE CONTRACT DOCUMENTS.

NO EXCEPTIONS TAKEN	<input checked="" type="checkbox"/>
MAKE CORRECTIONS NOTED	<input type="checkbox"/>
REVISE & RESUBMIT	<input type="checkbox"/>
REJECTED, SEE REMARKS	<input type="checkbox"/>

GSE ASSOCIATES, LLC

BY LBP DATE 12/12/2011

DQSI Corporation

Approved
Approved with corrections as noted on
Submittal data and/or sheet(s)

[Handwritten Signature]

SIGNATURE:
TITLE:
DATE: 12/7/2011



STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

December 1, 2011

Submittal
Quarry Information
LA DOTD Approval
USCOE Approval

PROJECT (BA-02)

Submitted To:
State of Louisiana
Office of State Purchasing
1201 N. Third Street
Baton Rouge, LA 70802

Contractor:
DQSI Corporation (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

Approved
Approved with corrections as noted on
Submittal data and/or sheet(s)
DQSI Corporation
SIGNATURE: [Signature]
TITLE:
DATE: 12/1/2011

Louisiana DOTD

ASAM	LaFarge Aggregates RRI Box 267 Cave-In-Rock, IL 62919 (Water Absorption = 0.7) (Spec. Gravity - SSD = 2.69)	Stone (Siliceous Limestone; Cave-In-Rock, IL; Ledges 8 - 10)	<ol style="list-style-type: none">1) Base & Surface Course2) Asphaltic Surface Treatment3) Asphaltic Concrete (Friction Rating = III)4) Portland Cement Concrete5) Riprap & Stone Revetment
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QUALIFIED PRODUCTS LIST 2

Rev. 10-01-09
Page 36 of 50

PRODUCT SOURCE CODE	SOURCE	MATERIAL	APPROVED USES & FRICTION RATINGS ⁰¹
OTHER AGGREGATE MATERIALS (continued)			
AB16	International Mill Service 1155 Business Center Drive Horsham, PA 19044 (Water Absorption = 1.6) (Spec. Gravity - SSD = 3.73) (Apparent Gravity = 3.89)	Slag ¹ (Granite City, IL Steel Plant)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = II)
AB73	Iron Mountain Trap Rock Co. 325 Highway W, Box 8 Iron Mountain, MO 63650 (Water Absorption = 0.2) (Sp. Grav.- SSD = 2.65)	Stone (Rhyolite: Iron Mountain, MO)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
AA03	Jackson Ready Mix, Inc. Miss-Lite Division P. O. Drawer 1292 Jackson, MS 39205 (Water Absorption = 11.9)	Expanded Clay Lightweight Aggregate ¹	1) Asphaltic Surface Treatment (Type B & D applications only) 2) Asphaltic Concrete (excluding wearing surfaces) (Friction Rating = II) 3) Portland Cement Concrete (where specified)
AB08	Key Stone Steel & Wire 7000 South West Adams Street Peoria, IL 61641 (Water Absorption = 0.7) (Spec. Gravity - SSD = 3.59) (Apparent Gravity = 3.66)	Slag ¹ (Peoria Plant)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = II)
ABAM	LaFarge Aggregates RRI Box 267 Cave-In-Rock, IL 62919 (Water Absorption = 0.7) (Spec. Gravity - SSD = 2.68)	Stone (Siliceous Limestone; Cave-In-Rock, IL; Ledges 8 - 10)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = III) 4) Portland Cement Concrete 5) Riprap & Stone Revetment
ABAN	LaFarge Aggregates RRI Box 267 Cave-In-Rock, IL 62919 (Water Absorption = 0.8) (Spec. Gravity - SSD = 2.67)	Stone (Sandstone; Cave-In-Rock, IL)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = I) 4) Portland Cement Concrete 5) Riprap & Stone Revetment



US Army Corps Engineers

Apr-07

MVD Master List Stone Protection Sources

On the basis of information and data available, stone meeting the quality requirements in paragraph EVALUATION TESTING OF STONE of UFGS Section 02380, has been produced from the sources listed. Acceptance of a source of stone is not to be construed as acceptance of all material from that source. The right is reserved to reject materials from certain localized areas, zones, strata, or channels, when such materials are unsuitable for stone as determined by the Contracting Officer. The Contracting Officer also reserves the right to reject individual units of produced specified materials in stockpiles at the quarry, all transfer points, and at the project construction site when such materials are determined to be unsuitable. Additional guidance is presented in paragraph GOVERNMENT TESTING AND STUDIES

Lat/Long
(Tested)

Quarry Location, Address
and Telephone Number

Main Office Address
and Telephone Number

ILLINOIS

37/88 -2005	Cave-In-Rock Quarry is located approximately 5 miles east of Cave in Rock, IL. From the flashing light on Illinois Highway 1, from the ferry across the Ohio River, head east past Cave-in-Rock State Park to intersection with next road and turn south toward river. Quarry is on right 0.25 miles from intersection. (618) 289-3404	Lafarge of North America No. 2 Riverchase Office Plaza Suite 206 Birmingham, AL 35244
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GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

December 1, 2011

Submittal
Temporary Warning Signs
Shop Drawings
Flashing Light Product Data
Layout and Design

PROJECT (BA-02)

Submitted To:
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NO EXCEPTIONS TAKEN	<input checked="" type="checkbox"/>
MAKE CORRECTIONS NOTED	<input type="checkbox"/>
REVISE & RESUBMIT	<input type="checkbox"/>
REJECTED. SEE REMARKS	<input type="checkbox"/>

GSE ASSOCIATES, LLC

BY LBP DATE 12/6/2011

DQSI Corporation

Approved
Approved with corrections as noted on
Submittal data and/or sheet(s)

SIGNATURE: _____
TITLE: _____
DATE: 12/1/2011

Mississippi Office

John C. Stennis Space Center
Building 1103 Room 147C · Stennis Space Center, MS 39529
Phone: (228) 688-3796 · Fax: (228) 688-6184

New Orleans Office

Center for Energy Resource Management
2045 Lakeshore Drive – Suite 213 · New Orleans, LA 70122
Phone: (504) 280-4080



STATE OF LOUISIANA
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12/1/2011



N29 30' 54.04" , W090 14' 00.32"

Maps Web Videos Maps

Road Aerial Traffic

World - United States - LA - Lafourche Par

ROCK DIKE ENDPPOINTS

ROCK DIKE STRUCTURE

29-31-00.10N / 090-13-50.89W

29-30-54.04N / 090-14-00.32W

29-30-58.78N / 090-13-50.65W

29-30-57.52N / 090-13-52.35W

29-30-56.45N / 090-13-54.13W

29-30-55.77N / 090-13-56.60W

29-30-54.50N / 090-13-58.52W

Battery Powered Strobe Warning Light

Model BPL26ST



PORTABLE WARNING LIGHT

- 12VDC — uses two standard 6VDC lantern batteries (not included)
- 4,000 Hour strobe tube
- Five dome colors
- Type 3R weatherproof enclosure
- Magnetic mount

Federal Signal's Model BPL26ST is a portable, battery-powered strobe warning light which flashes 65 times per minute. Components are moisture-proof and reverse polarity protected to ensure extended battery life and trouble-free performance.

The BPL26ST is available in five fresnel dome colors – Amber, Blue, Clear, Green and Red. For increased durability, the dome is made of impact-resistant polycarbonate materials and the base is constructed from a high-density polyethylene. A flexible rubber seal covers the on/off switch to protect it from the elements.

Two Magnetic pads (not shown) are included for simple yet secure, temporary mounting.

Power is supplied by two standard 6VDC, spring terminal lantern batteries (not included).

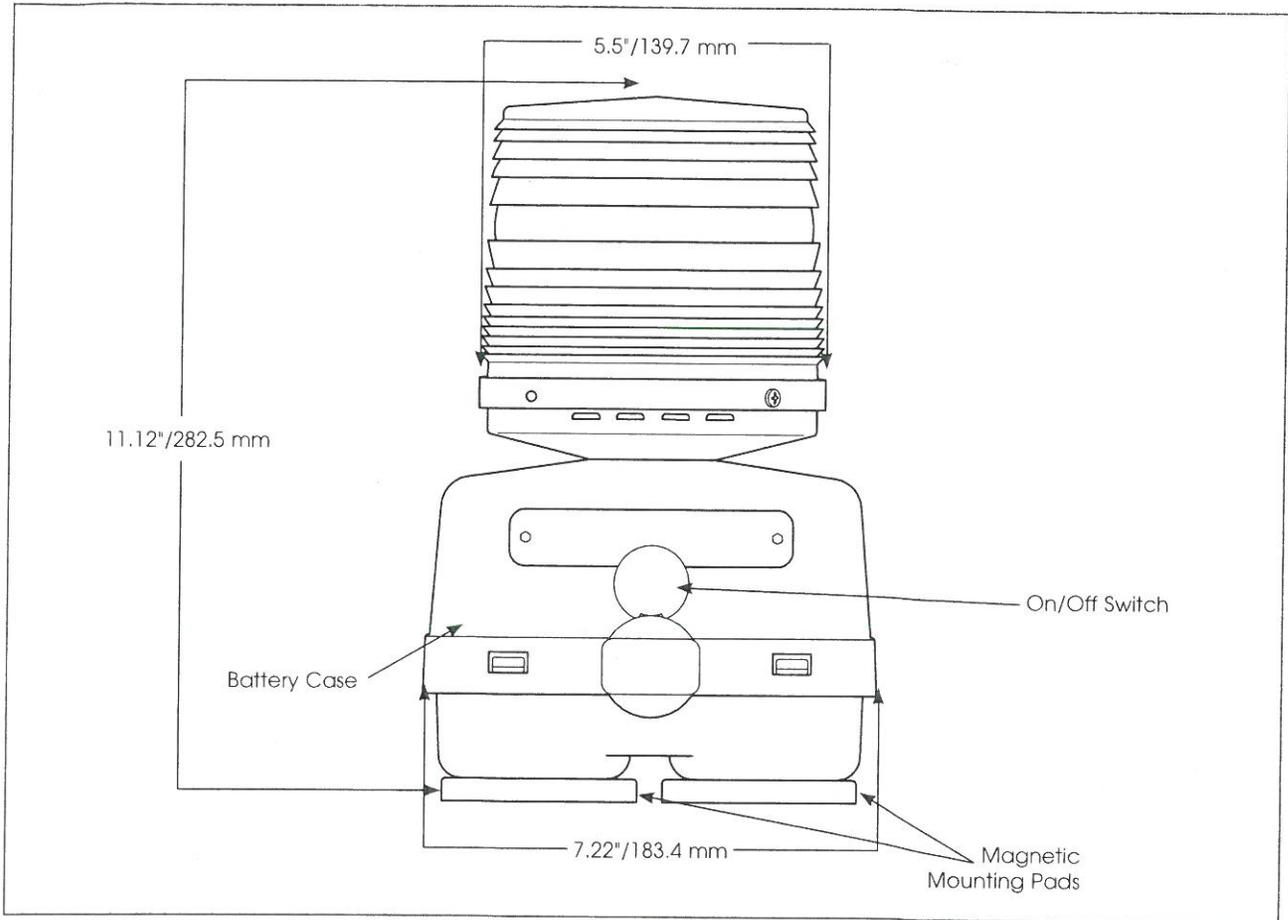
The Model BPL26ST is ideal for job sites requiring temporary warning lights or for any location where primary power is unavailable.

Model	Voltage	Operating Current	Flash Rate/Minute	Mount
BPL26ST-*	12VDC	0.48 amps	60	Magnetic

* Indicates color: (A) Amber, (B) Blue, (C) Clear, (G) Green or (R) Red



BATTERY POWERED LIGHT (BPL26ST)



SPECIFICATIONS

Lamp Life:	4,000 Hours	4,000 Hours
Light Source:	Strobe tube	Strobe tube
Operating Voltage:	12VDC	12VDC
Net Weight:	2.3 lbs.	1.04 kg
Shipping Weight:	3.5 lbs.	1.59 kg
Height:	10.5"	266.7 mm
Width:	7.22"	183.4 mm
Diameter of Dome:	5.5"	139.7 mm

HOW TO ORDER

- Specify model number and color
- Optional Accessories:
Hazardous Wall Bracket (LHWB)
- Please refer to Model Number Index BPL26ST beginning on page 372

REPLACEMENT PARTS

<u>Description</u>	<u>Part Number</u>
Dome, Amber	K8263079A
Dome, Blue	K8263079A-01
Dome, Clear	K8263079A-04
Dome, Red	K8263079A-02
Dome, Green	K8263079A-03
Strobe Tube	K8107215A

OBSTRUCTION

DANGER

DO NOT
PROCEED

3.5"

8"

67

48"

2"



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LAFOURCHE PARISH, LA

December 1, 2011

Submittal
Geotextile

PROJECT (BA-02)

Submitted To:
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1201 N. Third Street
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NO EXCEPTIONS TAKEN	_____
MAKE CORRECTIONS NOTED	_____
REVISE & RESUBMIT	_____ ✓
REJECTED, SEE REMARKS	_____ ✓

GSE ASSOCIATES, LLC

BY LBP DATE 12/6/2011

The specifications for "Elongation at Break (%)" require "9% in any principal direction." The submitted MIRAFI HP 70 shows 8% (MD) & 5% (CD).

DQSI Corporation

Approved _____

Approved with corrections as noted on _____

Submittal data and/or sheet(s) _____

SIGNATURE:

TITLE: _____

DATE: 12/1/2011



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SIGNATURE: _____

TITLE: _____

DATE: _____

[Handwritten signature]
12/1/2011



Mirafi[®] HP570

Mirafi[®] HP570 geotextile is composed of high-tenacity polypropylene yarns, which are woven into a network such that the yarns retain their relative position. Mirafi[®] HP570 geotextile is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

Mechanical Properties	Test Method	Unit	Minimum Average Roll Value	
			MD	CD
Tensile Strength (at ultimate)	ASTM D4595	lbs/ft (kN/m)	4800 (70.0)	4800 (70.0)
Tensile Elongation	ASTM D4595	%	8	5
Factory Seam Strength	ASTM D4884	lbs/ft (kN/m)	3000 (43.8)	
Trapezoid Tear Strength	ASTM D4533	lbs (N)	220 (979)	220 (979)
Puncture Strength	ASTM D4833	lbs (N)	200 (890)	
Flow Rate	ASTM D4491	gal/min/ft ² (l/min/m ²)	30 (1222)	
Permittivity	ASTM D 4491	sec ⁻¹	0.40	
Apparent Opening Size (AOS) ¹	ASTM D4751	U.S. Sieve (mm)	30 (0.60)	
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	80	

¹ ASTM D 4751: AOS is a Maximum Opening Diameter Value

Physical Properties	Unit	Typical Value
Mass/Unit Area (ASTM D5261)	oz/yd ² (g/m ²)	14.0 (475)
Roll Dimensions (length x width)	ft (m)	15 x 300 (4.5 x 91)
Roll Area	yd ² (m ²)	500 (418)
Estimated Roll Weight	lbs (kg)	475 (215)

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Mirafi[®] is a registered trademark of Nicolon Corporation

Eric Bourg

From: Stephen.Snyder@Ferguson.com
Sent: Monday, November 28, 2011 1:42 PM
To: Eric Bourg
Subject: HP570 Sample/ clovelly giww job
Attachments: LUSCO Credit App_ Last rev 20110114.doc; LUSCO_MUSCO Job Sheet.xls

Eric, see response below from **Mirafi/ Tencate** pertaining the stitching / sewing.....

Thanks, Steve

Sent: Monday, November 28, 2011 1:32 PM
To: Snyder, Stephen [Ferguson] - 1229 Baton Rouge- Waterworks Admin
Subject: Re: FW: HP570 Sample

Yes, we sew HP570 using a 'butterfly" seam with a double needle which creates two rows of stitching. We usually sew closer than 2" from the fold over since it provides for a stronger seam.

Teri Krock
Senior Product Manager



Teri, in section 4.4..... can ya'll do this type of stitching / sewing ??

Thanks , Steve

From: Eric Bourg [<mailto:Eric@dgsi.com>]
Sent: Wednesday, November 23, 2011 1:50 PM
To: Snyder, Stephen [Ferguson] - 1229 Baton Rouge- Waterworks Admin
Subject: RE: HP570 Sample

Stephen,

I have attached the spec section for the geotextile so that we are sure that the product you are providing me meets all of the specifications including the sewing.

TENCATE

MIRAFI HP570 Certification

FERGUSON WATERWORKS

TENCATE GEOSYNTHETICS
NORTH AMERICA

Page: 1

Project: GIWW TO CLOVELLY HYDROLOGIC RESTORATION

This is to certify that Mirafi® HP570 geotextile is composed of high-tenacity polypropylene yarns, which are woven into a network such that the yarns retain their relative position. Mirafi® HP570 geotextile is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids. NTPEP No. GTX-09-07-06

Mechanical Properties	Test Code	Test Method	Minimum Average Roll Value			
WIDE WIDTH @ ULTIMATE (MD)	WWMD	ASTM D4595	4800	LBS/FT	70	KN/M
WIDE WIDTH @ ULTIMATE (CD)	WWCD	ASTM D4595	4800	LBS/FT	70	KN/M
WIDE WIDTH ELONGATION (MD)	WWELMD	ASTM D4595	8	%		*
WIDE WIDTH ELONGATION (CD)	WWELCD	ASTM D4595	5	%		*
FACTORY SEAM	SEAM	ASTM D4884	250	LBS/IN	44	KN/M
TEAR STRENGTH (MD)	TTMD	ASTM D4533	220	LBS	979	N
TEAR STRENGTH (CD)	TTCD	ASTM D4533	220	LBS	979	N
PUNCTURE STRENGTH	PUNC	ASTM D4833	200	LBS	890	N
APPARENT OPENING SIZE - SIEVE	AOS	ASTM D4751	30	#		
APPARENT OPENING SIZE - MM	AOS2	ASTM D4751	.60	MM		
PERMITTIVITY	PTVY	ASTM D4491	.40	SEC-1		
WATER FLOW RATE	FLOW	ASTM D4491	30	GPM/FT2	1222	L/MIN/M2
UV RESISTANCE @ 500 HOURS	UV	ASTM D4355	80	%		

* Customer requested specification.

Certification reflects test results at time of manufacturing and shipment. TenCate Geosynthetics is not responsible for environment or other factors which could alter the physical properties.

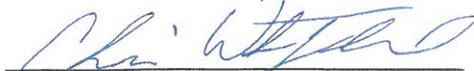
Factory Seam Strength (ASTM D4884) is not covered by our current A2LA accreditation.

ASTM D4751, AOS is a Maximum Opening Diameter Value

ASTM D4491 - Tested according to Constant Head procedure.

* * * END OF REPORT * * *

This November 29, 2011



Chris Whitfield, Quality Manager CERT#: 1004201

Unless specified separately in writing, material results apply only to items tested. No portion of this document may be reproduced whole or in part without the expressed written consent of TenCate. TenCate warrants our products and services to be free from defects in material and workmanship when delivered to TenCate's customers and that our products meet our published specifications. Actual test data supplied is for the full width of the tested master roll.

American Association of Laboratory Accreditation Certificate Number: 1291.01 Accreditation #: GAI-LAP-25-1997

© 2010 TenCate Geosynthetics North America

365 South Holland Dr.
Pendergrass, GA 30567

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MAKE CORRECTIONS NOTED	
REVISE & RESUBMIT	✓
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December 1, 2011

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Sieve Analysis

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 DQSI Corporation
 SIGNATURE: *[Signature]*
 TITLE: *[Signature]*
 DATE: 12/1/2011

GSE ASSOCIATES, LLC

BY LBP DATE 12/6/2011

For 10 lb. Riprap, the specifications require for stone size 50 lbs., "100% of Stone Smaller Than" 100% BUT the submitted gradation test data sheet shows "In division %"

Passing = 0%



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DATE: 12/1/2011



GRADATION TEST DATA SHEET

Quarry Cave In Rock Type of Stone Tested LA 130 lb Rip Rap
 Date of Test 9/16/2011 Testing Rate Initial Test Tons

TEST REPRESENTS

Contract No.	District	Tons
		0
TOTAL		0

GRADATION

Stone Size lbs.	Individual Weight Passing	Accumulative Weight	Individual % Passing	Specification % Finer by Wt.
650	0	0	100%	100%
260	2456	2456	47%	45% to 100%
130	2374	4830	45%	15% to 50%
40	439	5269	8%	0% to 15%
Total Weight	5269			

Remarks: _____

I certify that the above stone is representative of the total tonnage covered by this test report.

Production Supplier Representative *Brad Collins*

Contractor Representative _____

Government Representative _____



GRADATION TEST DATA SHEET

Quarry Cave In Rock Type of Stone Tested LA 250 lb Rip Rap
 Date of Test 9/16/2011 Testing Rate _____ Initial Test _____ Tons _____

TEST REPRESENTS

Contract No.	District	Tons
		0
TOTAL		0

GRADATION

Stone Size lbs.	Individual Weight Passing	Accumulative Weight	Individual % Passing	Specification % Finer by Wt.
1250	0	0	100%	100%
500	3381	3381	54%	45% to 100%
250	2249	5630	36%	15% to 50%
80	610	6240	10%	0% to 15%
Total Weight	6240			

Remarks: _____

I certify that the above stone is representative of the total tonnage covered by this test report.

Production Supplier Representative *Brend Perkins*

Contractor Representative _____

Government Representative _____



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LAFOURCHE PARISH, LA

December 16, 2011

Submittal
Geotextile Plan

PROJECT (BA-02)

Submitted To:
State of Louisiana
Office of State Purchasing
1201 N. Third Street
Baton Rouge, LA 70802

Contractor:
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MAKE CORRECTIONS NOTED	<input type="checkbox"/>
REVISE & RESUBMIT	<input type="checkbox"/>
REJECTED, SEE REMARKS	<input type="checkbox"/>

GSE ASSOCIATES, LLC

BY: LBP DATE: 12/19/2011

DQSI Corporation

Approved

Approved with corrections as noted on Submittal data and/or sheet(s)

SIGNATURE: [Signature]

TITLE: _____

DATE: 12/16/2011



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Geotextile Placement Plan New Rock Dike Shoreline Protection:

The Geotextile will be sewn to the dimensions shown on the attached drawing. The sewn seams will be placed perpendicular to the centerline under the stone at the locations, and to the lines and grades shown on the plans. Each geotextile end lap will be overlapped a minimum of five (5) feet. Prior to placement, DQSI, LLC will prepare the surface to receive the geotextile, insuring the surface is relatively smooth and free of obstructions or debris. To counteract any effect by wind or wave, the geotextile may be staked down as necessary. Upon completion, all stakes will be removed and all geotextile that extends above the waterline or beyond the "Limits of Geotextile" as detailed in the drawings will be cut off and disposed of properly.

Mississippi Office

John C. Stennis Space Center
Building 1103 Room 147C · Stennis Space Center, MS 39529
Phone: (228) 688-3796 · Fax: (228) 688-6184

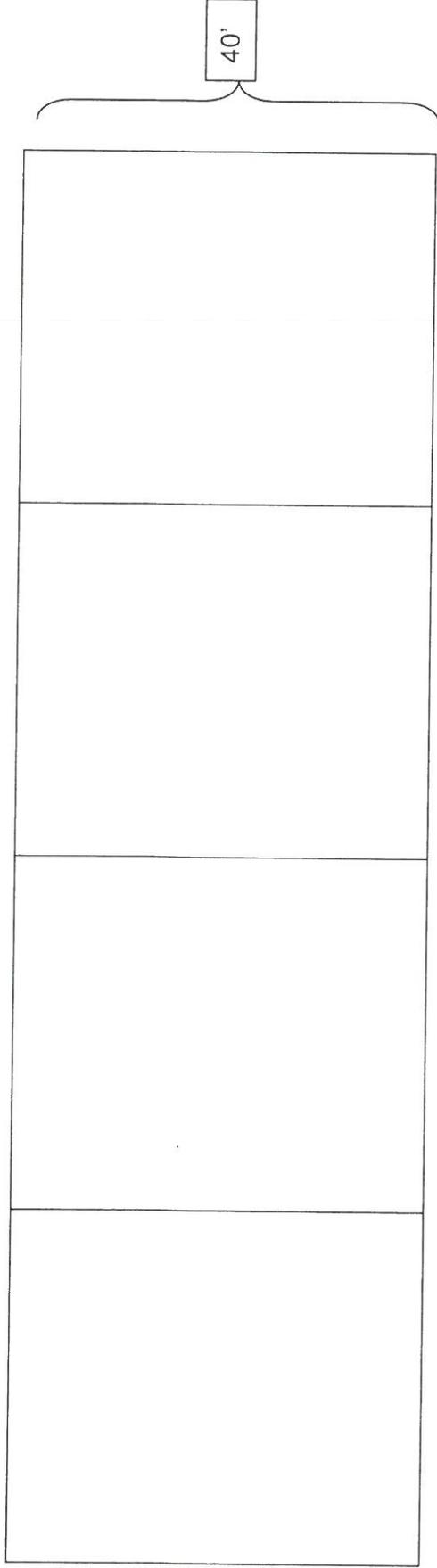
New Orleans Office

Center for Energy Resource Management
2045 Lakeshore Drive – Suite 213 · New Orleans, LA 70122
Phone: (504) 280-4080

HP570/60/40 (GIWW Clovelly Hydro Job)

Drawing approved by: _____
 Date: _____
 Note: By signing this drawing, the client acknowledges their acceptance of its accuracy. All other references to fabrication instructions shall be superseded and considered no longer valid.

60' (4 mw)¹



Notes:

- 1) Utilize 4 mill widths of 15' wide material
- 2) Seam type to be double-stitch "Butterfly"
- 3) No cross seams allowed
- 4) Panels to be roll on a 4" dia. Cardboard core
- 5) Alternating seams

Note: Project Specification
 Exception: Rolls used in fabrication must meet a Trap Tear of 220 lbs and Elongation of 9%. **PICK LIST REQUIRED.**
 Contract 334

¹Note: All mill widths are approximately 14.5' (after seaming). NET Panel width shall be approx. 58 ft.

Disclaimer: TenCate assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. TenCate disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.



19218 North 5th Street · Covington, LA 70433
Phone (985) 871-7472 · Fax (985) 871-1072
www.DQSI.com

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

March 14, 2012

Submittal

Alternate Quarry Information

PROJECT (BA-02)

Submitted To:
Providence/GSE
GSE Associates, LLC
991 Grand Caillou Road
Houma, Louisiana 70363

Contractor:
DQSI LLC (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

REVIEWED FOR GENERAL
COMPLIANCE WITH
CONTRACT DOCUMENTS

NO RESPONSIBILITY IS ASSUMED FOR QUANTITIES OR FOR CORRECTNESS OF DIMENSIONS OR DETAILS.

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NO EXCEPTIONS TAKEN	<input checked="" type="checkbox"/>
MAKE CORRECTIONS NOTED	<input type="checkbox"/>
REVISE & RESUBMIT	<input type="checkbox"/>
REJECTED, SEE REMARKS	<input type="checkbox"/>

GSE ASSOCIATES, LLC

BY LBP DATE 3/19/2012

DQSI

Approved

Approved with corrections as noted on

Submittal data and/or sheet(s)

SIGNATURE: [Signature]

TITLE: [Title]

DATE: 3/14/2012

APAC-Brickey's Stone

Certification of Materials

APAC-Brickey's Stone Quarry
13588 Brickey's Road
Bloomsdale, MO. 63627

Gentlemen:

It is hereby certified that the crushed stone riprap to be furnished to Florida Marine Transportation will be manufactured or produced by APAC-Brickey's Stone at Bloomsdale Missouri. The material shall meet the gradation and quality specification of Section 711 (Riprap) of the LADOT Standard Specifications for Roads and Bridges.

APAC Brickeys Stone is on the Qualified Producers (QPL) for the Corp of Engineers and the LADOT. The quarry can be found on the Corp of Engineers web site at, (<http://www.mvm.usace.army.mil/conops/MVDStoneLST.htm>). And, on the LADOT web site at, (<http://www.dotd.la.gov/highways/construction/lab/qpl/tableofcontents.shtml>)

Sincerely:

Ronald L Netemeyer, P.E.

Ronald L. Netemeyer, P.E.
Quality Control
APAC- Brickey's Stone
Missouri Registration No. 025341

APAC Brickey's Stone

GRADATION TEST DATA SHEET

Sample No: 1
 Quarry: APAC - Brickeys Stone
 Date of Test: 3/6/2012
 Contractor: Florida Marine Transportation
 Type of Stone Tested: LADOT 130 lb Riprap
 Testing Rate: 25,000
 Location: _____

TEST REPRESENTS

Contract No.	District	Tons
		25,000

GRADATION

Stone Size (lbs)	Weight Retained	Individual % Retain	Cumulative % Retained	Cumulative % Passing	Specification % Lighter By Weight
>650	0	0	0	100	100
260	6,220	19	19	81 ✓	45 - 100
130	12,000	36	55	45 ✓	15 - 50
40	11,000	33	88	12 ✓	0 - 15
< 40	4,000	12	100	0	
Total Weight	33,220	100			

Remarks: **Material Meets Required Specifications**

I certify that the above stone sample is representative of the total tonnage covered by this test report:

Contractor Representative: Ronald L. Netemeyer, P.E.

Government Representative: No Government Representative Available

Test Performed by:
 Ronald L. Netemeyer
 Missouri Registration No. 025341



USACE LEARNING CENTER
HUNTSVILLE, ALABAMA

CERTIFICATE

RONALD NETEMEYER, P.E.

has completed the Corps of Engineers Training Course
CONSTRUCTION QUALITY MANAGEMENT FOR CONTRACTORS

and is awarded
the continuing education credits indicated
for 16 hours of organized instruction



Certified Provider #199309
1.3 CEUs



Registered Provider #1009
13 LUs



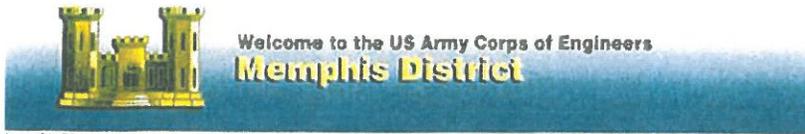
Registered Provider
13 PDHs

Given at **ST. LOUIS, MO** **13-14 APR 2010**

Location _____ Date _____

Yang Y. Anderson
Director, USACE Learning Center

THIS CERTIFICATE EXPIRES FIVE YEARS FROM DATE OF ISSUE



Memphis District Homepage
 Wynne Area Office Homepage
 Con/Ops Homepage

September 2009

MVD Master List
 Stone Protection Sources

On the basis of information and data available, stone meeting the quality requirements in paragraph EVALUATION TESTING OF STONE of UFGS Section 02380, has been produced from the sources listed. Acceptance of a source of stone is not to be construed as acceptance of all material from that source. The right is reserved to reject materials from certain localized areas, zones, strata, or channels, when such materials are unsuitable for stone as determined by the Contracting Officer. The Contracting Officer also reserves the right to reject individual units of produced specified materials in stockpiles at the quarry, all transfer points, and at the project construction site when such materials are determined to be unsuitable. Additional guidance is presented in paragraph GOVERNMENT TESTING AND STUDIES of UFGS Section 02380.

Lat/Long (Tested)	Quarry Location, Address and Telephone Number	Main Office Address and Telephone Number
ALABAMA		
33°37'00"N/ 87°02'18"W (2007) NEW SOURCE Added Nov 07	Fishtrap (Southern) mine on Palos LLC property, located approximately six miles northwest of Adamsville, Alabama Barge loading facility on Locus Fork of the Black Warrior River Palos, LLC 3600 Woodruff Mill Road Adamsville, Alabama 35005 (216) 272-6383	Cahaba Disaster Recovery, LLC 4619 Springhill Avenue Mobile, AL 36608 (251) 342-4950
34/88 (2005)	Allsboro Quarry- 8 miles east of intersection of MS Hwy 25 & Tish. Co. #957 at Midway, MS, just across AL. state line. Hoover Incorporated P. O. Box 613 Iuka, MS 38852 (256) 360-2400 (800) 535-2636	Hoover Incorporated 1205 Bridgestone Parkway P. O. Box 1700 LaVergne, TN 37086-1700 (615) 793-2600
(2005)	Kellenman Quarry, near Brookwood, AL, Black Warrior River Mile 354 (Brookwood Quarry formerly operated by U. S. Crushed Stone)	Shippers & Sellers LLC P.O. Box 1349 Jasper, AL 35502-1349
34/88 (2005)	Pride Quarry located on N side of US Hwy 72, Pride, AL. Vulcan Materials, Pride Quarry P.O. 740250 18055 Hwy 72 Tuscumbia, AL 35674 (256) 381-0012	Vulcan Materials Co. Southern and GLFCST DVSN P.O. Box 385016 Birmingham, AL 35238-5016 (205) 298-3701
N 34°44'40" W	Cherokee Quarry- 3 miles east of Cherokee, AL on old Hwy 72.	Vulcan Materials Co.

	(502) 545-3351	
37/88 (2005)	Three Rivers Quarry – 7 miles northeast of Smithland, KY, off U.S. Hwy 60 (Cumberland Road). From I-24 exit 3 land go N on KY Hwy 453 to intersection with U.S. Hwy 60 and turn right and go over Cumberland River. Quarry is on the right 4.5 mile from bridge.	Martin Marietta Aggregated 830 Three Rivers Quarry Rd Smithland, KY 42081 (270) 928-2141
N 37°02'13" W 88°15'00" (2005)	Grand Rivers Quarry (Gilbertsville Quarry) – On US Hwy 62/641, "Between the Dams", Lake City, KY. From I-24 exit 31 and go S on KY Hwy 453 to ramp for US Hwy 62/641 and go west to quarry office on left. Vulcan Materials Co., Grand Rivers Quarry 947 U.S. Hwy 62 Grand Rivers, KY 42045 (270) 362-4264	Vulcan Materials Co. Southern and Gulf Coast Division P.O. Box 385016 Birmingham, AL 35238-5016 (205) 298-3701
MICHIGAN		
45/87 (2003)	Grooveland Mine Randville Road Felch, MI 49837	Superior Rock Works 10304 Bay shore Drive Rapid River MI 49878 906-474-9242 superiorrockworks@yahoo.com
MISSOURI		
38/90 (2005)	Brickeys Quarry (Old Menefee Quarry) @ MRM 135.8 above the mouth of the Ohio River. Take I-55 4 miles north of Bloomsdale, MO, exit 162, and take exit for County Rds. DD & OO and turn east and go 1 mile to US Hwy 61 and continue straight ahead thru intersection on Brickeys Rd. to quarry. (Formerly Brickeys Stone LLC)	APAC 13588 Brickeys Rd. Bloomsdale, MO 63627 (573) 483-3475
37/90 (2001) Removed due to no recent test data	ARAB Quarry – Take State Highway 51 from Zalma, MO	Arab Stone, Inc. HC01 Box 541 Zalma, MO 63787 573-222-2211
37/89 (2002) Removed due to no recent test data	Burfordville Quarry – Take I-55 north of Cape Girardeau, MO to interchange with MO Highways 72/34W. Take MO Hwy 34 W for approximately 5 miles to County Rd OO and turn south. Quarry will be on left 1 mile from intersection.	Burfordville Stone LLC 1211 County Road 00 Whitewater, MO 63785 573-624-7889
Lat/Long (Tested)	Quarry Location, Address and Telephone Number	Main Office Address and Telephone Number
37/90 (2002) Closed	Cave Quarry - On the west side of Wappapello Lake. Take State Rd. D south from MO Hwy 67 in Greenville, MO for approx. 10.4 miles and turn east on Wayne Co. Rd. 523, entrance to quarry. Seminole Stone, Inc. HCR3 Box 3730 Shook, MO 63944 (573) 297-3223	Seminole Stone Inc. 1503 S. Meridian Jasper, IN 47546 (812) 634-9003
38/90 (2002) Removed due to no recent test data	Simpson South Quarry – Take St. Hwy I-41 from I-55 to intersection with MO Hwy 21, go back toward I-55 to Cecos Lane, on north side of MO Hwy 21, to entrance to quarry.	Simpson Materials Co. PO Box 68 Valley Park, MO 63088-0068 (636) 343-4944
37.23053/- 89.56499 (2001) Updated	Southeast Missouri Stone Company is located approx. 5 minutes South of Cape Girardeau, MO. The quarry is located on the Northeast corner of Route 72 and South Kingshighway. East of Interstate I-55, exit no. 93. Southeast Missouri Stone Co.	Delta Companies, Inc www.deltacos.com (573) 785-2757



Materials Lab

Rev. 01-01-2012

Qualified Products List Manual

TABLE OF CONTENTS

Foreword	Revised 4/2007
General Information	Revised 10/1/2005
Manual Order Form	Revised 4/2007
DOTD Contacts for QPL	Revised 7/1/2010
Qualified Product Evaluation Form	Revised 1/2003
Qualification Procedures	Revised 1/1/2010

QPL Number	Revision Date	Material
QPL 2	01-01-12	Aggregates
QPL 3	01-01-12	Elastomeric Bridge Bearing Pads
QPL 4	01-01-12	Gasket Materials for Culvert Pipe
QPL 5	01-01-12	Polyurethane Polymer Joint Sealants and Backer Materials
QPL 6	10-01-10	Preformed Elastomeric Compression Joint Seals
QPL 7	01-01-12	Portland Cement, Portland-Pozzolan Cement, and Portland Blast-Furnace Slag Cement
QPL 8	07-01-10	Adhesive Lubricant for Preformed Elastomeric Seals
QPL 9	07-01-11	Raised Pavement Markers
QPL 10	01-01-11	Mineral Filler for Asphaltic Concrete
QPL 13	01-01-12	Reflective Sheeting
QPL 14	01-01-12	Special Surface Finish for Concrete
QPL 16	01-01-10	Barricade Warning Lights
QPL 18	04-01-09	Preformed Closed Cell Polyethylene Joint Filler
QPL 22	10-01-02	Silicone Additives for Asphalt Cement
QPL 23	07-01-09	Cold Galvanizing Repair Compounds
QPL 24	01-01-11	Rapid Setting Patching Materials for Concrete
QPL 25	07-01-11	Asphalt Mix Release Agents
QPL 29	10-01-11	Form Release Agents for Portland Cement Concrete Products
QPL 32	01-01-12	Epoxy Resin Systems for Concrete
QPL 34	01-01-12	Hydrated Lime and Quicklime

PRODUCT SOURCE CODE	SOURCE	MATERIAL	APPROVED USES & FRICTION RATINGS ^{B-1}
OTHER AGGREGATE MATERIALS (continued)			
AB25	Big River Industries, Inc. Erwinville, LA 70729 (Water Absorption = 16.3) (Spec. Gravity - SSD = 1.65)	Expanded Clay Lightweight Aggregate	1) Asphaltic Surface Treatment (Type B, C, & D applications only) 2) Asphaltic Concrete (excluding wearing surfaces) (Friction Rating = I) 3) Portland Cement Concrete (where specified)
AB45	Brickeys Stone 13588 Brickeys Road Bloomsdale, MO 63627 (Water Absorption = 0.8) (Spec. Gravity - SSD = 2.63)	Stone (Limestone)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
ABBU	Calx Resources Chaudet Creek Quarry 877 Dover Road Grand Rivers, KY 42025 (Water Absorption = 0.5) (Spec. Gravity - SSD = 2.70)	Stone (Siliceous Limestone)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = III) 4) Portland Cement Concrete 5) Riprap & Stone Revetment
ABBK	Capital Aggregates Marble Falls 8147 US-281 North Burnet, TX 78611 (Water Absorption = 0.6) (Spec. Gravity - SSD = 2.79)	Stone (Limestone)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
ABAR	Carolina Stalite Company P. O. Box 186 Gold Hill, NC 28072 (Water Absorption = 3.7) (Spec. Gravity - SSD = 1.45)	Lightweight Aggregate (Expanded Slate); Gold Hill, NC	1) Asphaltic Surface Treatment 2) Asphaltic Concrete (excluding wearing surfaces) (Friction Rating = I) 3) Portland Cement Concrete (where specified)
AB02	Construction Aggregates, Ltd. P. O. Box 278 Mulgrave, Nova Scotia, Canada BOE2GO (Water Absorption = 0.5) (Spec. Gravity - SSD = 2.71)	Stone (Granite)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = III) 4) Portland Cement Concrete 5) Riprap & Stone Revetment



19218 North 5th Street · Covington, LA 70433
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www.DQSI.com

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

March 14, 2012

Submittal

Independent Gradation Analysis for Lafarge-NA Rip Rap

PROJECT (BA-02)

Submitted To:
Providence/GSE
GSE Associates, LLC
991 Grand Caillou Road
Houma, Louisiana 70363

Contractor:
DQSI LLC (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

REVIEWED FOR GENERAL
COMPLIANCE WITH
CONTRACT DOCUMENTS

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NO EXCEPTIONS TAKEN	<input checked="" type="checkbox"/>
MAKE CORRECTIONS NOTED	<input type="checkbox"/>
REVISE & RESUBMIT	<input type="checkbox"/>
REJECTED, SEE REMARKS	<input type="checkbox"/>

GSE ASSOCIATES, LLC

BY LBP DATE 3/19/2012

DQSI

Approved ✓

Approved with corrections as noted on Submittal data and/or sheet(s)

SIGNATURE: [Signature]

TITLE: _____

DATE: 3/14/2012



GRADATION TEST DATA SHEET

Quarry Cave In Rock Type of Stone Tested LA 130 lb Rip Rap
 Date of Test 3/13/2012 Testing Rate Quality Test Tons
 Sample of 130 lb for the DQSI project. Material from Barge # HD 145

TEST REPRESENTS

Contract No.	District	Tons
s		0
TOTAL		0

GRADATION

Stone Size lbs.	Individual Weight	Cumulative Weight	Cumulative % Retn	% Smaller	Specification % Finer by Wt.
650	0	0	0	100.0	100%
260	6900	6900	32	67.8	45% to 100%
130	9400	16300	76	24.0	15% to 50%
40	4458	20758	97	3.2	0% to 15%
- 40	6900				
Total Weight	21448				

Remarks: _____

I certify that the above stone is representative of the total tonnage covered by this test report.

Production Supplier Representative Steve Holmes

Contractor Representative K and L Testing

Louisiana DOTD

Alkahi	<p>Lafarge Aggregates RPI Box 267 Cave-In-Rock, IL 62919 (Water Absorption = 0.7) (Spec. Gravity - SSD = 2.68)</p>	<p>Stone (Siliceous Limestone) Cave-In-Rock, IL Ledges # 10)</p>	<ol style="list-style-type: none"> 1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = III) 4) Portland Cement Concrete 5) Riprap & Stone Revetment
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QUALIFIED PRODUCTS LIST 2

Rev. 10-01-09
Page 36 of 50

PRODUCT SOURCE CODE	SOURCE	MATERIAL	APPROVED USES & FRICTION RATINGS ²
OTHER AGGREGATE MATERIALS (continued)			
AB16	International Mill Service 1156 Business Center Drive Horsham, PA 19044 (Water Absorption = 1.6) (Spec. Gravity - SSD = 3.73) (Apparent Gravity = 3.89)	Slag ¹ (Granite City, IL Steel Plant)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = II)
AB73	Iron Mountain Trap Rock Co. 325 Highway W, Box 8 Iron Mountain, MO 63650 (Water Absorption = 0.2) (Sp. Grav. - SSD = 2.65)	Stone (Rhyolite: Iron Mountain, MO)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = IV) 4) Portland Cement Concrete (excluding bridge decks) 5) Riprap & Stone Revetment
AA03	Jackson Ready Mix, Inc. Miss-Lite Division P. O. Drawer 1292 Jackson, MS 39205 (Water Absorption = 11.9)	Expanded Clay Lightweight Aggregate ⁴	1) Asphaltic Surface Treatment (Type B & D applications only) 2) Asphaltic Concrete (excluding wearing surfaces) (Friction Rating = II) 3) Portland Cement Concrete (where specified)
AB08	Key Stone Steel & Wire 7000 South West Adams Street Peoria, IL 61641 (Water Absorption = 0.7) (Spec. Gravity - SSD = 3.59) (Apparent Gravity = 3.66)	Slag ¹ (Peoria Plant)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = II)
ABAM	LaFarge Aggregates RRI Box 267 Cave-In-Rock, IL 62919 (Water Absorption = 0.7) (Spec. Gravity - SSD = 2.68)	Stone (Siliceous Limestone; Cave-In-Rock, IL; Ledges 8 - 10)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = II) 4) Portland Cement Concrete 5) Riprap & Stone Revetment
ABAN	LaFarge Aggregates RRI Box 267 Cave-In-Rock, IL 62919 (Water Absorption = 0.8) (Spec. Gravity - SSD = 2.67)	Stone (Sandstone; Cave-In-Rock, IL.)	1) Base & Surface Course 2) Asphaltic Surface Treatment 3) Asphaltic Concrete (Friction Rating = I) 4) Portland Cement Concrete 5) Riprap & Stone Revetment



US Army Corps Engineers

Apr-07

MVD Master List Stone Protection Sources

On the basis of information and data available, stone meeting the quality requirements in paragraph EVALUATION TESTING OF STONE of UFGS Section 02380, has been produced from the sources listed. Acceptance of a source of stone is not to be construed as acceptance of all material from that source. The right is reserved to reject materials from certain localized areas, zones, strata, or channels, when such materials are unsuitable for stone as determined by the Contracting Officer. The Contracting Officer also reserves the right to reject individual units of produced specified materials in stockpiles at the quarry, all transfer points, and at the project construction site when such materials are determined to be unsuitable. Additional guidance is presented in paragraph GOVERNMENT TESTING AND STUDIES

Lat/Long
(Tested)

Quarry Location, Address
and Telephone Number

Main Office Address
and Telephone Number

ILLINOIS

37/88 -2005	Cave-In-Rock Quarry is located approximately 5 miles east of Cave in Rock, IL. From the flashing light on Illinois Highway 1, from the ferry across the Ohio River, head east past Cave-in-Rock State Park to intersection with next road and turn south toward river. Quarry is on right 0.25 miles from intersection. (618) 289-3404	Lafarge of North America No. 2 Riverchase Office Plaza Suite 206 Birmingham, AL 35244
----------------	--	--



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STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

March 23, 2012

Submittal

Breach Seeding

PROJECT (BA-02)

Submitted To:
Providence/GSE
GSE Associates, LLC
991 Grand Caillou Road
Houma, Louisiana 70363

DQSI



Approved

Approved with corrections as noted on
Submittal data and/or sheet(s)

SIGNATURE:

TITLE:

DATE:

[Signature]
PM
3/23/2012

Contractor:

DQSI LLC (DQSI)

Shelly Stubbs, President and CEO

19218 North 5th Street

Covington, LA 70433

Tel: (985) 871-7472 Fax: (985) 871-1072

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NO EXCEPTIONS TAKEN	<input checked="" type="checkbox"/>
MAKE CORRECTIONS NOTED	<input type="checkbox"/>
REVISE & RESUBMIT	<input type="checkbox"/>
REJECTED, SEE REMARKS	<input type="checkbox"/>

GSE ASSOCIATES, LLC

BY

LBP DATE *3/26/12*

Mississippi Office

John C. Stennis Space Center
Building 1103 Room 147C · Stennis Space Center, MS 39529
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Breach Seeding

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DQSI

✓
____ Approved
____ Approved with corrections as noted on
Submittal data and/or sheet(s)

SIGNATURE:
TITLE: PM
DATE: 3/23/2012

Contractor:
DQSI LLC (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

Breach Seeding

DQSI, LLC plans to seed the breaches with the seed specified in figure #1 as stated in RFI#2. The seed will be broadcast with the use of a hand held spreader upon completion and acceptance.

Figure #1

Seeding Period	Species	Minimum % Pure Live Seed	Pure Live Seed (lb/ac)	Minimum Quality Seed (lb/ac)
Mar 1 – Aug 31	Common Bermuda grass	83	10	12
	(hulled) & Brown Top Millet	72	25	30



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STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

March 23, 2012

Submittal

Certificate Of Compliance
(Navigational Aid Hardware)

PROJECT (BA-02)

Submitted To:
Providence/GSE
GSE Associates, LLC
991 Grand Caillou Road
Houma, Louisiana 70363

Contractor:
DQSI LLC (DQSI)
Shelly Stubbs, President and CEO
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THIS REVIEW IS SUBJECT TO ALL TERMS AND CONDITIONS OF THE CONTRACT DOCUMENTS WITH SPECIAL REFERENCE TO WARRANTY REQUIREMENTS CONTAINED THEREIN. THE CONTRACTOR SHALL OBTAIN A CERTIFICATION FROM ALL SUPPLIERS AND/OR SUBCONTRACTORS THAT THEY ARE AWARE OF AND ARE ABIDING BY WARRANTY REQUIREMENTS OF THE CONTRACT DOCUMENTS.

NO EXCEPTIONS TAKEN	
MAKE CORRECTIONS NOTED	<input checked="" type="checkbox"/>
REVISE & RESUBMIT	
REJECTED, SEE REMARKS	<input checked="" type="checkbox"/>

GSE ASSOCIATES, LLC

BY LBP DATE 3/26/12

DQSI

Approved with corrections as noted on Submittal data and/or sheet(s)

SIGNATURE: *[Signature]*
TITLE: *[Signature]*
DATE: 3/23/2012

Per Part III, Technical Specification TS-6, please provide documents to show that the (1) treated timber piles, (2) navigational aid signs and (3) galvanized wood pile caps will meet the plan & specifications.

Mississippi Office
John C. Stennis Space Center
Building 1103 Room 147C · Stennis Space Center, MS 39529
Phone: (228) 688-3796 · Fax: (228) 688-6184

New Orleans Office
Center for Energy Resource Management
2045 Lakeshore Drive – Suite 213 · New Orleans, LA 70122
Phone: (504) 280-4080



19218 North 5th Street · Covington, LA 70433
Phone (985) 871-7472 · Fax (985) 871-1072
www.DQSI.com

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

March 23, 2012

Submittal

Certificate Of Compliance
(Navigational Aid Hardware)

PROJECT (BA-02)

Submitted To:
Providence/GSE
GSE Associates, LLC
991 Grand Caillou Road
Houma, Louisiana 70363

Contractor:
DQSI LLC (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

DQSI

Approved with corrections as noted on
Submittal data and/or sheet(s)

SIGNATURE:

TITLE:

DATE:

[Handwritten signature]
3/23/2012



Fastenal Company
P.O Box 1286
WINONA, MN 55987-1286

Invoice

Date	Reference	Page
3/20/12	LAMAN33545	1
No.		
DUE DATE: 04/19/2012		

Cust. No. LAMAN8517
Cust. P.O. dqsi
Job No. 504-628-6003

The store serving you is
68665 Highway 59

MANDEVILLE, LA 70471
Phone #: (985)809-0224
Fax #: (985)809-3292

Sold To
4 Star Fabricators & Service Inc.
1140 N PECAN ST
Bells, TX 75414-2774
903-965-4309

Ship To
4 Star Fabricators & Service Inc.
1140 N PECAN ST
Bells, TX 75414-2774

This Order and Document are subject to the "Terms of Purchase" posted on www.fastenal.com.

Line No.	Quantity Ordered	Quantity Shipped	Quantity Backorder	Description	Control No.	Part No.
1	21	21		0 5/8"x8"Hex Lag S/S	120107477	0175037
2	21	21		0 S/S316 FW 5/8x1-1/2	180050295	78025
3	42	42		0 18-8 T-ROD 3/4-16X3'	120104038	47588
4	84	84		0 3/4"-16 S/S FHN	d030912	70737
5	1	1		0 16D HotGalv Common5#	liangc	0229005

Received By

Comments

FOB Destination Contact: Eric Bourg Phone: 985-871-7472

If you re-package or re-sell this product, you are required to maintain integrity of Country of Origin to the consumer of this product.

Reasonable collection and attorneys fees will be assessed to all accounts placed for collection
No materials accepted for return without our permission.

X indicates part is a hazardous material

* indicates part was sold at a promotional or special discount price

This is your invoice.

All discrepancies must be reported within 10 days.

Thank You !



Certificate of Compliance

Sold To:	Purchase Order:	dqsi
4 Star Fabricators & Service Inc.	Job:	504-628-6003
	Invoice Date:	03/20/2012

THIS IS TO CERTIFY THAT WE HAVE SUPPLIED YOU WITH THE FOLLOWING PARTS.
THESE PARTS WERE PURCHASED TO THE FOLLOWING SPECIFICATIONS.

21 PCS 5/8" x 8" Hex Head Lag Screw 18-8 Stainless Steel SUPPLIED UNDER OUR TRACE NUMBER 120107477 AND UNDER PART NUMBER 0175037 COUNTRY OF ORIGIN: Taiwan, Province of China

21 PCS 5/8" 316 Stainless Steel Small OD Flat Washer SUPPLIED UNDER OUR TRACE NUMBER 180050295 AND UNDER PART NUMBER 78025 COUNTRY OF ORIGIN: China

42 PCS 3/4"-16 x 3' 18-8 Stainless Steel Continuous Threaded Rod SUPPLIED UNDER OUR TRACE NUMBER 120104038 AND UNDER PART NUMBER 47588 COUNTRY OF ORIGIN: Taiwan, Province of China

84 PCS 3/4"-16 18-8 Stainless Steel Finished Hex Nut SUPPLIED UNDER OUR TRACE NUMBER d030912 AND UNDER PART NUMBER 70737 COUNTRY OF ORIGIN: Taiwan, Province of China

1 PCS 5Lb Box 16D 3-1/2"L 8Ga HD Galv Common Nail SUPPLIED UNDER OUR TRACE NUMBER liangc AND UNDER PART NUMBER 0229005 COUNTRY OF ORIGIN: United States

Please check current revision to avoid using obsolete copies.

This document was printed on 03/23/2012 and was current at that time.

Fastenal Store Location/Address

68665 Highway 59
MANDEVILLE, LA 70471
Phone #: (985)809-0224
Fax #: (985)809-3292



19218 North 5th Street · Covington, LA 70433
Phone (985) 871-7472 · Fax (985) 871-1072
www.DQSI.com

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

April 18, 2012

Submittal

Quarry Tickets (7)

PROJECT (BA-02)

Submitted To:
Providence/GSE
GSE Associates, LLC
991 Grand Caillou Road
Houma, Louisiana 70363

Contractor:
DQSI, LLC (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

DQSI

Approved
Approved with corrections as noted on
Submittal data and/or sheet(s)

SIGNATURE: *Shelly Stubbs*

TITLE:

DATE: 4/18/2012

LAFARGE CIR QUARRY

BARGE NUMBER	HD145	LOAD NUMBER:	2012-0209
	Arrived	Loaded	Departed
DATE	[]	2/29/12	[]
	Start	Finish	Total Hrs.
Load Time	2:05	3:15	1:10
	Transfer River District Yard (Y/N) [N]		
Customer	FMTA		
Destination	Houma		
Towing Company	FMT		
Boat Name	Samual J		

Empty Freeboard			Loaded Freeboard		
	Port	Stbd		Port	Stbd
<i>Bow</i>	9.10	8.80	<i>Bow</i>	2.70	2.70
<i>Middle</i>	8.50	8.40	<i>Middle</i>	2.70	2.70
<i>Stern</i>	8.20	8.00	<i>Stern</i>	2.70	2.70

Depth of Barge	10.50				
(-) Avg Freeboard	8.50		10.50		
(=) Avg Draft	2.00	24.0	2.70		
	2 ft 0 in		7.80		94.0
			7 ft 10 in		

TARE WEIGHT 6 Empty 1,201 Loaded

Material Size: LA130

Loaded By: J. Smith / J. Orman

NET TONS 1,195

Calculated By: John Boyt

LAFARGE CIR QUARRY

BARGE NUMBER HD144

LOAD NUMBER: 2012-0207

	Arrived	Loaded	Departed
DATE		2/29/12	
	Start	Finish	Total Hrs.
Load Time	21:20	22:30	1:10

Transfer River District Yard (Y/N) N

Customer FMTA

Destination Houma

Towing Company FMT

Boat Name Samual J

Empty Freeboard			Loaded Freeboard		
	Port	Stbd		Port	Stbd
<i>Bow</i>	8.40	8.00	<i>Bow</i>	2.40	2.60
<i>Middle</i>	8.80	8.50	<i>Middle</i>	2.50	2.70
<i>Stern</i>	9.20	8.90	<i>Stern</i>	2.50	2.70

Depth of Barge	10.50				
(-) Avg Freeboard	8.63			10.50	
(=) Avg Draft	1.87	22.0		2.57	
	1 ft 10 in			7.93	95.0
				7 ft 11 in	

TARE WEIGHT - Empty

1,219 Loaded

Material Size: LA130

Loaded By: J. Smith / J. Orman

NET TONS 1,219

Calculated By: John Boyt

LAFARGE CIR QUARRY

BARGE NUMBER HD140 **LOAD NUMBER:** 2012-0245

	Arrived	Loaded	Departed
DATE	3/18/12	3/19/12	
	Start	Finish	Total Hrs.
Load Time	1:00	2:38	1:38

Transfer River District Yard (Y/N) N

Customer FMTA

Destination NOLA

Towing Company FMT

Boat Name Samual J.

Empty Freeboard			Loaded Freeboard		
	Port	Stbd		Port	Stbd
<i>Bow</i>	8.10	7.80	<i>Bow</i>	2.90	2.40
<i>Middle</i>			<i>Middle</i>		
<i>Stern</i>	9.10	8.80	<i>Stern</i>	2.90	2.90

Depth of Barge	10.50			10.50
(-) Avg Freeboard	8.45			2.78
(=) Avg Draft	2.05	25.0		7.72
	2 ft 1 in			7 ft 9 in
				93.0

TARE WEIGHT 23 *Empty*

1,184 *Loaded*

Material Size: LA130

Loaded By: D. Mitchell

Calculated By: John Boyt

NET TONS 1,161

LAFARGE CIR QUARRY

BARGE NUMBER	HD132	LOAD NUMBER:	2012-0242
	Arrived	Loaded	Departed
DATE	3/18/12	3/18/12	
	Start	Finish	Total Hrs.
Load Time	18:45	20:20	1:35
	Transfer River District Yard (Y/N) N		
Customer	FMFTA		
Destination	NOLA		
Towing Company	FMT		
Boat Name	Samual J.		

Empty Freeboard			Loaded Freeboard		
	Port	Stbd		Port	Stbd
<i>Bow</i>	8.10	7.80	<i>Bow</i>	2.60	2.40
<i>Middle</i>			<i>Middle</i>		
<i>Stern</i>	8.70	8.40	<i>Stern</i>	2.50	2.50

Depth of Barge	10.50			10.50	
(-) Avg Freeboard	8.25			2.50	
(=) Avg Draft	2.25	27.0		8.00	96.0
	2 ft 3 in			8 ft 0 in	

TARE WEIGHT 56 *Empty*

1,236 *Loaded*

Material Size: LA130

Loaded By: J. Smith

Calculated By: John Boyt

NET TONS 1,180

LAFARGE CIR QUARRY

BARGE NUMBER HD134 **LOAD NUMBER:** 2012-0241

	Arrived	Loaded	Departed
DATE	3/18/12	3/18/12	
	Start	Finish	Total Hrs.
Load Time	16:00	18:20	2:20

Transfer River District Yard (Y/N) N

Customer FMTA

Destination NOLA

Towing Company FMT

Boat Name Samual J.

Empty Freeboard			Loaded Freeboard		
	Port	Stbd		Port	Stbd
<i>Bow</i>	8.00	8.10	<i>Bow</i>	2.20	2.10
<i>Middle</i>	8.50	8.40	<i>Middle</i>	2.40	2.30
<i>Stern</i>	8.60	8.70	<i>Stern</i>	2.60	2.40

Depth of Barge	10.50			10.50	
(-) Avg Freeboard	8.38			2.33	
(=) Avg Draft	2.12	25.0		8.17	98.0
	2 ft 1 in			8 ft 2 in	

TARE WEIGHT 23 *Empty* 1,271 *Loaded*

Material Size: LA130

Loaded By: K. Koerber / j. Smith

Calculated By: John Boyt

NET TONS 1,249

Table 738

LAFARGE CIR QUARRY

BARGE NUMBER HD140 **LOAD NUMBER:** 2012-0245

	Arrived	Loaded	Departed
DATE	3/18/12	3/19/12	
	Start	Finish	Total Hrs.
Load Time	1:00	2:38	1:38

Transfer River District Yard (Y/N) N

Customer FMTA

Destination NOLA

Towing Company FMT

Boat Name Samual J.

Empty Freeboard			Loaded Freeboard		
	Port	Stbd		Port	Stbd
<i>Bow</i>	8.10	7.80	<i>Bow</i>	2.90	2.40
<i>Middle</i>			<i>Middle</i>		
<i>Stern</i>	9.10	8.80	<i>Stern</i>	2.90	2.90

Depth of Barge	10.50			10.50	
(-) Avg Freeboard	8.45			2.78	
(=) Avg Draft	2.05	25.0		7.72	93.0
	2 ft 1 in			7 ft 9 in	

TARE WEIGHT 23 *Empty* 1,184 *Loaded*

Material Size: LA130

Loaded By: D. Mitchell

Calculated By: John Boyt

NET TONS **1,161**

Table 738

LAFARGE CIR QUARRY

BARGE NUMBER HD141		LOAD NUMBER: 2012-0244	
	Arrived	Loaded	Departed
DATE	3/18/12	3/18/12	
	Start	Finish	Total Hrs.
Load Time	23:05	0:25	1:20
Transfer River District Yard (Y/N)		N	
Customer	FMTA		
Destination	NOLA		
Towing Company	FMT		
Boat Name	Samual J.		

Empty Freeboard			Loaded Freeboard		
	Port	Stbd		Port	Stbd
<i>Bow</i>	8.80	8.40	<i>Bow</i>	2.90	2.70
<i>Middle</i>			<i>Middle</i>		
<i>Stern</i>	8.40	8.00	<i>Stern</i>	1.70	1.50

Depth of Barge	10.50		10.50	
(-) Avg Freeboard	8.40		2.20	
(=) Avg Draft	2.10	25.0	8.30	100.0
	2 ft 1 in		8 ft 4 in	

TARE WEIGHT 23 *Empty* 1,306 *Loaded*

Material Size: LA130

Loaded By: J. Smith

NET TONS 1,284

Calculated By: John Boyt

Table 738



19218 North 5th Street · Covington, LA 70433
Phone (985) 871-7472 · Fax (985) 871-1072
www.DQSI.com

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

April 23, 2012

Submittal

Quarry Tickets (3)

PROJECT (BA-02)

Submitted To:
Providence/GSE
GSE Associates, LLC
991 Grand Caillou Road
Houma, Louisiana 70363

Contractor:
DQSI, LLC (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

DQSI

Approved
Approved with corrections as noted on
Submittal data and/or sheet(s)

SIGNATURE:
TITLE:
DATE:

[Handwritten Signature]
[Handwritten Title]
4/23/2012

LAFARGE CIR QUARRY

BARGE NUMBER	HD138	LOAD NUMBER:	2012-0252
	Arrived	Loaded	Departed
DATE	4/1/12	4/2/12	
	Start	Finish	Total Hrs.
	10:00	11:30	1:30
	Transfer River District Yard (Y/N)		N
Customer	DQSI		
Destination	NOLA		
Towing Company	FMT		
Boat Name	Samual J.		

Empty Freeboard			Loaded Freeboard		
	Port	Stbd		Port	Stbd
<i>Bow</i>	8.10	8.00	<i>Bow</i>	2.40	2.70
<i>Middle</i>	8.40	8.30	<i>Middle</i>	2.60	2.80
<i>Stern</i>	8.90	8.70	<i>Stern</i>	2.70	2.90

Depth of Barge	10.50				10.50
(-) Avg Freeboard	8.40				2.68
(=) Avg Draft	2.10	25.0			7.82
	2 ft 1 in				7 ft 10 in

TARE WEIGHT 23 *Empty*

1,201 *Loaded*

Material Size: LA130

Loaded By: K. Koerber

NET TONS **1,178**

Calculated By: John Boyt

Table 738

LAFARGE CIR QUARRY

BARGE NUMBER HD131 **LOAD NUMBER:** 2012-0248

	Arrived	Loaded	Departed
DATE	3/18/12	3/19/12	
	Start	Finish	Total Hrs.
	7:40	9:10	1:30

Transfer River District Yard (Y/N) N

Customer FMTA

Destination NOLA

Towing Company FMT

Boat Name Samual J.

Empty Freeboard			Loaded Freeboard		
	Port	Stbd		Port	Stbd
<i>Bow</i>	8.30	8.00	<i>Bow</i>	3.00	3.30
<i>Middle</i>	8.60	8.30	<i>Middle</i>	3.00	3.30
<i>Stern</i>	8.90	8.60	<i>Stern</i>	3.30	3.60

Depth of Barge	10.50			10.50	
(-) Avg Freeboard	8.45			3.25	
(=) Avg Draft	2.05	25.0		7.25	87.0
	2 ft 1 in			7 ft 3 in	

TARE WEIGHT 23 Empty 1,079 Loaded

Material Size: LA130

Loaded By: K. Koerber

Calculated By: John Boyt

NET TONS 1,056

Table 738

BARGE LOADING FORM
BRICKEYS STONE LLC

Days
 Nights

DATE LOADED 3-7-2012

BARGE # H.D. 137
PRODUCT LA 130

	BOW		STERN	
	PORT	STARBOARD	PORT	STARBOARD
EMPTY	<u>8.0</u>	<u>8.5</u>	<u>8.8</u>	<u>9.0</u>
LOADED	<u>1.7</u>	<u>1.5</u>	<u>1.4</u>	<u>1.2</u>

TOTAL LOADED TONS 1473

REPAIR NEEDED _____
COMMENTS _____

LOADING TIME:

START _____
END _____
TOTAL TIME _____

OPERATOR Benny Driskill



19218 North 5th Street · Covington, LA 70433
Phone (985) 871-7472 · Fax (985) 871-1072
www.DQSI.com

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

April 27, 2012

Submittal

Quarry Tickets (4)

PROJECT (BA-02)

Submitted To:
Providence/GSE
GSE Associates, LLC
991 Grand Caillou Road
Houma, Louisiana 70363

Contractor:
DQSI, LLC (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

DQSI

Approved
Approved with corrections as noted on
Submittal data and/or sheet(s)

SIGNATURE:
TITLE:
DATE:

Shelly Stubbs
16M
4/27/12

LAFARGE CIR QUARRY

BARGE NUMBER HD135 **LOAD NUMBER:** 2012-0243

	Arrived	Loaded	Departed
DATE	3/18/12	3/18/12	
	Start	Finish	
Load Time	21:00	22:20	Total Hrs.
			1:20

Transfer River District Yard (Y/N) N

Customer FMTA

Destination NOLA

Towing Company FMT

Boat Name Samual J.

Empty Freeboard			Loaded Freeboard		
	Port	Stbd		Port	Stbd
<i>Bow</i>	8.90	8.50	<i>Bow</i>	2.40	2.10
<i>Middle</i>			<i>Middle</i>		
<i>Stern</i>	8.20	7.80	<i>Stern</i>	2.40	2.40

Depth of Barge	10.50			10.50	
(-) Avg Freeboard	8.35			2.33	
(=) Avg Draft	2.15	26.0		8.17	98.0
	2 ft 2 in			8 ft 2 in	

TARE WEIGHT 39 *Empty*

1,271 *Loaded*

Material Size: LA130

Loaded By: D. Mitchell

Calculated By: John Boyt

NET TONS 1,232

**BARGE LOADING FORM
BRICKEYS STONE LLC**

Days
 Nights

DATE LOADED 3-8-2012

BARGE # HD 136
PRODUCT LA 130

	BOW		STERN	
	PORT	STARBOARD	PORT	STARBOARD
EMPTY	<u>8.3</u>	<u>8.4</u>	<u>2.0</u>	<u>8.8</u>
LOADED	<u>2.0</u>	<u>5.6</u>	<u>1.2</u>	<u>2.0</u>

TOTAL LOADED TONS 1489

REPAIR NEEDED _____

COMMENTS _____

LOADING TIME:

START _____

END _____

TOTAL TIME _____

OPERATOR Benny Triskell

**BARGE LOADING FORM
BRICKEYS STONE LLC**

Days
 Nights

DATE LOADED 3-7-2012

BARGE # HD 142

PRODUCT LA 130

	BOW		STERN	
	PORT	STARBOARD	PORT	STARBOARD
EMPTY	<u>9.0</u>	<u>8.8</u>	<u>9.0</u>	<u>8.5</u>
LOADED	<u>1.5</u>	<u>1.5</u>	<u>1.3</u>	<u>1.3</u>

TOTAL LOADED TONS 1538

REPAIR NEEDED _____

COMMENTS _____

LOADING TIME:

START _____

END _____

TOTAL TIME _____

OPERATOR Benny Driskill

**BARGE LOADING FORM
BRICKEYS STONE LLC**

Days
 Night

DATE LOADED 3-7-2012

BARGE # HD139

PRODUCT LH 130

	BOW		STERN	
	PORT	STARBOARD	PORT	STARBOARD
EMPTY	<u>8.8</u>	<u>9.0</u>	<u>8.0</u>	<u>8.1</u>
LOADED	<u>2.0</u>	<u>1.6</u>	<u>1.0</u>	<u>1.0</u>

TOTAL LOADED TONS 1462

REPAIR NEEDED _____

COMMENTS _____

LOADING TIME:

START _____

END _____

TOTAL TIME _____

OPERATOR Benny Driehop



19218 North 5th Street · Covington, LA 70433
Phone (985) 871-7472 · Fax (985) 871-1072
www.DQSI.com

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

May 8, 2012

Submittal

Quarry Tickets (4)

PROJECT (BA-02)

Submitted To:
Providence/GSE
GSE Associates, LLC
991 Grand Caillou Road
Houma, Louisiana 70363

Contractor:
DQSI, LLC (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

DQSI

Approved
Approved with corrections as noted on
Submittal data and/or sheet(s)

SIGNATURE: _____

TITLE: _____

DATE: _____

[Handwritten Signature]

[Handwritten Title]

[Handwritten Date: 5/8/2012]

LAFARGE CIR QUARRY

BARGE NUMBER FMTA107 **LOAD NUMBER:** 2012-0251

	Arrived	Loaded	Departed
DATE	4/1/12	4/2/12	
	Start	Finish	Total Hrs.
	8:00	9:15	1:15

Transfer River District Yard (Y/N) N

Customer DQSI

Destination NOLA

Towing Company FMT

Boat Name Samual J.

Empty Freeboard			Loaded Freeboard		
	Port	Stbd		Port	Stbd
<i>Bow</i>	7.90	8.20	<i>Bow</i>	2.70	2.70
<i>Middle</i>	8.50	8.40	<i>Middle</i>	2.70	2.70
<i>Stern</i>	9.00	8.70	<i>Stern</i>	2.80	2.80

Depth of Barge	10.50			10.50	
(-) Avg Freeboard	8.45			2.73	
(=) Avg Draft	2.05	25.0		7.77	93.0
	2 ft 1 in			7 ft 9 in	

TARE WEIGHT 23 Empty 1,184 Loaded

Material Size: LA130

Loaded By: K. Koerber

NET TONS 1,161

Calculated By: John Boyt

Table 738

LAFARGE CIR QUARRY

BARGE NUMBER	FMTA120	LOAD NUMBER:	2012-0247
	Arrived	Loaded	Departed
DATE	3/18/12	3/19/12	
	Start	Finish	Total Hrs.
	6:10	7:20	1:10
	Transfer River District Yard (Y/N) N		
Customer	FMTA		
Destination	NOLA		
Towing Company	FMT		
Boat Name	Samual J.		

Empty Freeboard			Loaded Freeboard		
	Port	Stbd		Port	Stbd
<i>Bow</i>	8.20	8.00	<i>Bow</i>	2.70	2.70
<i>Middle</i>	8.70	8.40	<i>Middle</i>	2.90	2.90
<i>Stern</i>	9.20	8.80	<i>Stern</i>	3.00	3.00

Depth of Barge	10.50		10.50
(-) Avg Freeboard	8.55		2.87
(=) Avg Draft	1.95	23.0	7.63
	1 ft 11 in		7 ft 8 in
			92.0

TARE WEIGHT - *Empty*

1,166 *Loaded*

Material Size: LA130

Loaded By: K. Koerber

NET TONS 1,166

Calculated By: John Boyt

Table 738

LAFARGE CIR QUARRY

BARGE NUMBER FMTA0902 **LOAD NUMBER:** 2012-0246

	Arrived	Loaded	Departed
DATE	<u>3/18/12</u>	<u>3/19/12</u>	<u> </u>
Load Time	Start <u>3:10</u>	Finish <u>4:25</u>	Total Hrs. <u>1:15</u>

Transfer River District Yard (Y/N) N

Customer FMTA

Destination NOLA

Towing Company FMT

Boat Name Samual J.

Empty Freeboard			Loaded Freeboard		
	Port	Stbd		Port	Stbd
<i>Bow</i>	9.40	9.10	<i>Bow</i>	2.70	2.70
<i>Middle</i>			<i>Middle</i>		
<i>Stern</i>	8.40	8.00	<i>Stern</i>	2.50	2.50

Depth of Barge	10.50			10.50	
(-) Avg Freeboard	8.73			2.60	
(=) Avg Draft	1.77	21.0		7.90	95.0
	1 ft 9 in			7 ft 11 in	

TARE WEIGHT *Empty* 1,253 *Loaded*

Material Size: LA130

Loaded By: D. Mitchell

Calculated By: John Boyt

NET TONS **1,253**

Table 739

LAFARGE CIR QUARRY

BARGE NUMBER	FMTA110	LOAD NUMBER:	2012-0240
	Arrived	Loaded	Departed
DATE	3/18/12	3/18/12	
	Start	Finish	Total Hrs.
Load Time	14:10	15:20	1:10
	Transfer River District Yard (Y/N) N		
Customer	FMTA		
Destination	NOLA		
Towing Company	FMT		
Boat Name	Samual J.		

Empty Freeboard			Loaded Freeboard		
	Port	Stbd		Port	Stbd
<i>Bow</i>	8.00	7.80	<i>Bow</i>	2.30	2.30
<i>Middle</i>	8.20	8.50	<i>Middle</i>	2.50	2.50
<i>Stern</i>	8.40	9.20	<i>Stern</i>	2.80	2.80

Depth of Barge	10.50			10.50	
(-) Avg Freeboard	8.35			2.53	
(=) Avg Draft	2.15	26.0		7.97	96.0
	2 ft 2 in			8 ft 0 in	

TARE WEIGHT 39 Empty

1,236 Loaded

Material Size: LA130

Loaded By: K. Koerber

Calculated By: John Boyt

NET TONS 1,197



19218 North 5th Street · Covington, LA 70433
Phone (985) 871-7472 · Fax (985) 871-1072
www.DQSI.com

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

May 16, 2012

Submittal

Quarry Tickets (2)

PROJECT (BA-02)

Submitted To:
Providence/GSE
GSE Associates, LLC
991 Grand Caillou Road
Houma, Louisiana 70363

Contractor:
DQSI, LLC (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

DQSI

Approved
Approved with corrections as noted on
Submittal data and/or sheet(s)

SIGNATURE:
TITLE:
DATE:

[Handwritten signature]
[Handwritten initials]
5/16/2012

LAFARGE CIR QUARRY

BARGE NUMBER FMTA109 **LOAD NUMBER:** 2012-0239

	Arrived	Loaded	Departed
DATE	3/18/12	3/18/12	
	Start	Finish	
Load Time	11:45	13:15	Total Hrs. 1:30

Transfer River District Yard (Y/N) N

Customer FMTA

Destination NOLA

Towing Company FMT

Boat Name Samual J.

Empty Freeboard			Loaded Freeboard		
	Port	Stbd		Port	Stbd
<i>Bow</i>	8.30	7.70	<i>Bow</i>	2.30	2.30
<i>Middle</i>	8.70	8.10	<i>Middle</i>	2.00	2.00
<i>Stern</i>	9.00	8.50	<i>Stern</i>	1.70	1.70

Depth of Barge 10.50 (-) Avg Freeboard 8.38 (=) Avg Draft 2.12 25.0 <div style="text-align: right; padding-right: 20px;">2 ft 1 in</div>	<div style="text-align: right; padding-right: 20px;">10.50</div> <div style="text-align: right; padding-right: 20px;">2.00</div> <div style="text-align: right; padding-right: 20px;">8.50 102.0</div> <div style="text-align: right; padding-right: 20px;">8 ft 6 in</div>
---	--

TARE WEIGHT 23 *Empty* 1,342 *Loaded*

Material Size: LA130

Loaded By: K. Koerber

NET TONS 1,319

Calculated By: John Boyt

**BARGE LOADING FORM
BRICKEYS STONE LLC**

Days
 Nights

DATE LOADED 3-7-2012

BARGE # FNTHA ~~100~~ 102
PRODUCT LA 130

	BOW		STERN	
	PORT	STARBOARD	PORT	STARBOARD
EMPTY	<u>8.5</u>	<u>8.1</u>	<u>9.0</u>	<u>8.5</u>
LOADED	<u>1.5</u>	<u>1.5</u>	<u>1.4</u>	<u>1.4</u>
TOTAL LOADED TONS	<u>1457</u>			

REPAIR NEEDED _____

COMMENTS _____

LOADING TIME:

START _____
END _____
TOTAL TIME _____

OPERATOR Benny Dushield



19218 North 5th Street · Covington, LA 70433
Phone (985) 871-7472 · Fax (985) 871-1072
www.DQSI.com

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

May 22, 2012

Submittal:
Quarry Tickets (4) with Certified Barge Tables

PROJECT (BA-02)

Submitted To:
Providence/GSE
GSE Associates, LLC
991 Grand Caillou Road
Houma, Louisiana 70363

Contractor:
DQSI LLC (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

DQSI
Approved
Approved with corrections as noted on
Submittal data and/or sheet(s)
SIGNATURE: *[Signature]*
TITLE:
DATE: 5/22/2012



BARGE NUMBER: GD983

LOAD NUMBER: 2012-0297

	Arrived	Loaded	Departed
Date	<input type="text"/>	<input type="text" value="5/16/2012"/>	<input type="text"/>
	Start	Finish	
Load Time	<input type="text" value="9:50"/>	<input type="text" value="10:45"/>	<input type="text" value="0:55"/>
Yard Transfer	<input type="text" value="N"/>		
Customer	<input type="text" value="DQSI"/>		
Destination	<input type="text" value="TURN FLEET"/>		
Towing Company	<input type="text" value="CANAL"/>		
Boat Name	<input type="text" value="CAROLINE N"/>		

Empty Freeboard			Loaded Freeboard		
	Port	Stbd		Port	Stbd
Bow	8.00	8.00	Bow	2.30	2.40
Middle	8.30	8.30	Middle	2.40	2.50
Stern	8.70	8.70	Stern	2.60	2.70

Depth of Barge	10.00		10.00	
(-) Avg Freeboard	8.33		2.48	
(=) Avg Draft	1.67	20.0	7.52	90.0
	1 ft 8 in		7 ft 6 in	

Tare Weight 323 Tons 1,515 Tons

Material Size: LA250

Loaded by: KIRK KOERBER
Cert. for IDOT 52502-04 (FT)
Calculated by: CATHY PRICE

NET TONS 1,192

Table 541

LAFARGE AGGREGATES

CIR

BARGE NUMBER: GD897

LOAD NUMBER: 2012-0299

Date	Arrived	Loaded	Departed
		5/16/2012	
	Start	Finish	
Load Time	14:10	15:40	1:30
Yard Transfer	N		
Customer	DQSI		
Destination	TURN FLEET		
Towing Company			
Boat Name	Caroline N		

	Empty Freeboard		Loaded Freeboard	
	Port	Stbd	Port	Stbd
<i>Bow</i>	7.60	8.00	2.40	2.60
<i>Middle</i>	7.80	8.10	2.20	2.30
<i>Stern</i>	8.00	8.30	1.80	2.00

Depth of Barge	10.00		10.00
(-) Avg Freeboard	7.97		2.22
(=) Avg Draft	2.03	24.0	7.78
	2 ft 0 in		7 ft 9 in
Tare Weight	388	Tons	1,568
			Tons

Material Size: LA250

Loaded by: KIRK KOERBER
Cert. for IDOT 52502-04 (FT)
Calculated by: Cathy Price

NET TONS 1,180

Table 540

LAFARGE ⁱⁱ LAFARGE

AGGREGATES AGGREGATES

CIR

BARGE NUMBER: GD2007

LOAD NUMBER: 2012-0298

	Arrived	Loaded	Departed
Date	5/16/2012	5/16/2012	
	Start	Finish	
Load Time	12:20	13:45	1:25
Yard Transfer	N		
Customer	DQSI		
Destination	TURN FLEET		
Towing Company			
Boat Name	Caroline N		

Empty Freeboard			Loaded Freeboard		
	Port	Stbd		Port	Stbd
Bow	8.20	7.90	Bow	2.60	2.30
Middle	8.50	8.30	Middle	2.60	2.30
Stern	9.00	8.70	Stern	2.60	2.30

Depth of Barge	10.00		10.00
(-) Avg Freeboard	8.43		2.45
(=) Avg Draft	1.57	19.0	7.55
	1 ft 7 in		7 ft 7 in
Tare Weight	304 Tons		1,513 Tons

Material Size: LA250

Loaded by: KIRK KOERBER
Cert. for IDOT 52502-04 (FT)
Calculated by: Gathy Price

NET TONS 1,209

Table 542

LAFARGE ^{ir} LAFARGE AGGREGATES AGGREGATES

CIR

BARGE NUMBER: GD2004

LOAD NUMBER: 2012-0296

Date	Arrived	Loaded	Departed
		5/16/2012	
	Start	Finish	
Load Time	7:45	8:40	0:55
Yard Transfer	N		
Customer	DQSI		
Destination	TURN FLEET		
Towing Company			
Boat Name	Caroline N		

	Empty Freeboard		Loaded Freeboard	
	Port	Stbd	Port	Stbd
<i>Bow</i>	8.30	8.60	2.60	2.60
<i>Middle</i>	7.80	8.20	2.40	2.40
<i>Stern</i>	7.30	7.80	2.10	2.10

Depth of Barge	10.00	10.00
(-) Avg Freeboard	8.00	2.37
(=) Avg Draft	2.00	7.63
	2 ft 0 in	7 ft 8 in
Tare Weight	385 Tons	1,531 Tons

Material Size: LA250

Loaded by: KIRK KOERBER
Cert. for IDOT 52502-04 (FT)
Calculated by: Cathy Price

NET TONS 1,146

Table 542

GIJ 2001
GIJ 2004

26-Jun-97

TABLE 205

PAGE 1 OF 3 PAGES

FBRD	0	1	2	3	4	5	6	7	8	9	FBRD
0.0	2022	2020	2018	2016	2014	2012	2009	2007	2005	2003	0.0
0.1	2001	1999	1997	1995	1993	1991	1988	1986	1984	1982	0.1
0.2	1980	1978	1976	1973	1971	1969	1967	1965	1962	1960	0.2
0.3	1958	1956	1954	1952	1950	1948	1945	1943	1941	1939	0.3
0.4	1937	1935	1933	1931	1929	1927	1924	1922	1920	1918	0.4
0.5	1916	1914	1912	1910	1908	1906	1903	1901	1899	1897	0.5
0.6	1895	1893	1891	1888	1886	1884	1882	1880	1877	1875	0.6
0.7	1873	1871	1869	1867	1865	1863	1860	1858	1856	1854	0.7
0.8	1852	1850	1848	1846	1844	1842	1839	1837	1835	1833	0.8
0.9	1831	1829	1827	1825	1823	1821	1818	1816	1814	1812	0.9
1.0	1810	1808	1806	1804	1802	1800	1797	1795	1793	1791	1.0
	0	1	2	3	4	5	6	7	8	9	
1.1	1789	1787	1785	1783	1781	1779	1776	1774	1772	1770	1.1
1.2	1768	1766	1764	1762	1760	1758	1755	1753	1751	1749	1.2
1.3	1747	1745	1743	1741	1739	1737	1734	1732	1730	1728	1.3
1.4	1726	1724	1722	1720	1718	1716	1713	1711	1709	1707	1.4
1.5	1705	1703	1701	1699	1697	1695	1692	1690	1688	1686	1.5
1.6	1684	1682	1680	1678	1676	1674	1671	1669	1667	1665	1.6
1.7	1663	1661	1659	1657	1655	1653	1650	1648	1646	1644	1.7
1.8	1642	1640	1638	1636	1634	1632	1629	1627	1625	1623	1.8
1.9	1621	1619	1617	1615	1613	1611	1608	1606	1604	1602	1.9
2.0	1600	1598	1596	1594	1592	1590	1587	1585	1583	1581	2.0
	0	1	2	3	4	5	6	7	8	9	
2.1	1579	1577	1575	1573	1571	1569	1566	1564	1562	1560	2.1
2.2	1558	1556	1554	1552	1550	1548	1545	1543	1541	1539	2.2
2.3	1537	1535	1533	1531	1529	1527	1525	1523	1521	1519	2.3
2.4	1517	1515	1513	1511	1509	1507	1504	1502	1500	1498	2.4
2.5	1496	1494	1492	1490	1488	1486	1483	1481	1479	1477	2.5
2.6	1475	1473	1471	1469	1467	1465	1462	1460	1458	1456	2.6
2.7	1454	1452	1450	1448	1446	1444	1442	1440	1438	1436	2.7
2.8	1434	1432	1430	1428	1426	1424	1421	1419	1417	1415	2.8
2.9	1413	1411	1409	1407	1405	1403	1400	1398	1396	1394	2.9
3.0	1392	1390	1388	1386	1384	1382	1380	1378	1376	1374	3.0
	0	1	2	3	4	5	6	7	8	9	
3.1	1372	1370	1368	1366	1364	1362	1359	1357	1355	1353	3.1
3.2	1351	1349	1347	1345	1343	1341	1338	1336	1334	1332	3.2
3.3	1330	1328	1326	1324	1322	1320	1318	1316	1314	1312	3.3
3.4	1310	1308	1306	1304	1302	1300	1297	1295	1293	1291	3.4
3.5	1289	1287	1285	1283	1281	1279	1277	1275	1273	1271	3.5
3.6	1269	1267	1265	1263	1261	1259	1256	1254	1252	1250	3.6
3.7	1248	1246	1244	1242	1240	1238	1236	1234	1232	1230	3.7
3.8	1228	1226	1224	1222	1220	1218	1215	1213	1211	1209	3.8
3.9	1207	1205	1203	1201	1199	1197	1194	1192	1190	1188	3.9
4.0	1186	1184	1182	1180	1178	1176	1174	1172	1170	1168	4.0
	0	1	2	3	4	5	6	7	8	9	
4.1	1166	1164	1162	1160	1158	1156	1154	1152	1150	1148	4.1
4.2	1146	1144	1142	1140	1138	1136	1133	1131	1129	1127	4.2
4.3	1125	1123	1121	1119	1117	1115	1113	1111	1109	1107	4.3
4.4	1105	1103	1101	1099	1097	1095	1092	1090	1088	1086	4.4
4.5	1084	1082	1080	1078	1076	1074	1072	1070	1068	1066	4.5

TABLE 205 (CON'T)

FBRD	0	1	2	3	4	5	6	7	8	9	FBRD
4.6	1064	1062	1060	1058	1056	1054	1052	1050	1048	1046	4.6
4.7	1044	1042	1040	1038	1036	1034	1031	1029	1027	1025	4.7
4.8	1023	1021	1019	1017	1015	1013	1011	1009	1007	1005	4.8
4.9	1003	1001	999	997	995	993	991	989	987	985	4.9
5.0	983	981	979	977	975	973	971	969	967	965	5.0
	0	1	2	3	4	5	6	7	8	9	
5.1	963	961	959	957	955	953	950	948	946	944	5.1
5.2	942	940	938	936	934	932	930	928	926	924	5.2
5.3	922	920	918	916	914	912	910	908	906	904	5.3
5.4	902	900	898	896	894	892	890	888	886	884	5.4
5.5	882	880	878	876	874	872	870	868	866	864	5.5
5.6	862	860	858	856	854	852	850	848	846	844	5.6
5.7	842	840	838	836	834	832	829	827	825	823	5.7
5.8	821	819	817	815	813	811	809	807	805	803	5.8
5.9	801	799	797	795	793	791	789	787	785	783	5.9
6.0	781	779	777	775	773	771	769	767	765	763	6.0
	0	1	2	3	4	5	6	7	8	9	
6.1	761	759	757	755	753	751	749	747	745	743	6.1
6.2	741	739	737	735	733	731	729	727	725	723	6.2
6.3	721	719	717	715	713	711	709	707	705	703	6.3
6.4	701	699	697	695	693	691	689	687	685	683	6.4
6.5	681	679	677	675	673	671	669	667	665	663	6.5
6.6	661	659	657	655	653	652	650	648	646	644	6.6
6.7	642	640	638	636	634	632	630	628	626	624	6.7
6.8	622	620	618	616	614	612	610	608	606	604	6.8
6.9	602	600	598	596	594	592	590	588	586	584	6.9
7.0	582	580	578	576	574	572	570	568	566	564	7.0
	0	1	2	3	4	5	6	7	8	9	
7.1	562	560	558	556	554	552	550	548	546	544	7.1
7.2	542	540	538	536	534	533	531	529	527	525	7.2
7.3	523	521	519	517	515	513	511	509	507	505	7.3
7.4	503	501	499	497	495	493	491	489	487	485	7.4
7.5	483	481	479	477	475	473	471	469	467	465	7.5
7.6	463	461	459	457	455	454	452	450	448	446	7.6
7.7	444	442	440	438	436	434	432	430	428	426	7.7
7.8	424	422	420	418	416	414	412	410	408	406	7.8
7.9	404	402	400	398	396	395	393	391	389	387	7.9
8.0	385	383	381	379	377	375	373	371	369	367	8.0
	0	1	2	3	4	5	6	7	8	9	
8.1	365	363	361	359	357	356	354	352	350	348	8.1
8.2	346	344	342	340	338	336	334	332	330	328	8.2
8.3	326	324	322	320	318	317	315	313	311	309	8.3
8.4	307	305	303	301	299	297	295	293	291	289	8.4
8.5	287	285	283	281	279	278	276	274	272	270	8.5
8.6	268	266	264	262	260	258	256	254	252	250	8.6
8.7	248	246	244	242	240	239	237	235	233	231	8.7
8.8	229	227	225	223	221	220	218	216	214	212	8.8
8.9	210	208	206	204	202	200	198	196	194	192	8.9
9.0	190	188	186	184	182	181	179	177	175	173	9.0
	0	1	2	3	4	5	6	7	8	9	

TABLE 205 (CON'T) PAGE 3 OF 3 PAGES

FBRD	0	1	2	3	4	5	6	7	8	9	FBRD
9.1	171	169	167	165	163	162	160	158	156	154	9.1
9.2	152	150	148	146	144	143	141	139	137	135	9.2
9.3	133	131	129	127	125	124	122	120	118	116	9.3
9.4	114	112	110	108	106	104	102	100	98	96	9.4
9.5	94	92	90	88	86	85	83	81	79	77	9.5
9.6	75	73	71	69	67	66	64	62	60	58	9.6
9.7	56	54	52	50	48	47	45	43	41	39	9.7
9.8	37	35	33	32	30	28	26	24	23	21	9.8
9.9	19	17	15	13	11	10	8	6	4	2	9.9
10.0	0	0	0	0	0	0	0	0	0	0	10.0
	0	1	2	3	4	5	6	7	8	9	

END OF TABLE 205
 195.0' X 35.0' X 10.00'

13-Aug-90

TABLE 189

PAGE 1 OF 3 PAGES

FBRD	0	1	2	3	4	5	6	7	8	9	FBRD
0.0	2043	2041	2039	2037	2035	2033	2030	2028	2026	2024	0.0
0.1	2022	2020	2018	2016	2014	2012	2009	2007	2005	2003	0.1
0.2	2001	1999	1997	1994	1992	1990	1988	1986	1983	1981	0.2
0.3	1979	1977	1975	1973	1971	1969	1966	1964	1962	1960	0.3
0.4	1958	1956	1954	1952	1950	1948	1945	1943	1941	1939	0.4
0.5	1937	1935	1933	1931	1929	1927	1924	1922	1920	1918	0.5
0.6	1916	1914	1912	1909	1907	1905	1903	1901	1898	1896	0.6
0.7	1894	1892	1890	1888	1886	1884	1881	1879	1877	1875	0.7
0.8	1873	1871	1869	1867	1865	1863	1860	1858	1856	1854	0.8
0.9	1852	1850	1848	1846	1844	1842	1839	1837	1835	1833	0.9
1.0	1831	1829	1827	1825	1823	1821	1818	1816	1814	1812	1.0
1.1	1810	1808	1806	1803	1801	1799	1797	1795	1792	1790	1.1
1.2	1788	1786	1784	1782	1780	1778	1775	1773	1771	1769	1.2
1.3	1767	1765	1763	1761	1759	1757	1754	1752	1750	1748	1.3
1.4	1746	1744	1742	1740	1738	1736	1733	1731	1729	1727	1.4
1.5	1725	1723	1721	1719	1717	1715	1712	1710	1708	1706	1.5
1.6	1704	1702	1700	1698	1696	1694	1691	1689	1687	1685	1.6
1.7	1683	1681	1679	1677	1675	1673	1670	1668	1666	1664	1.7
1.8	1662	1660	1658	1656	1654	1652	1649	1647	1645	1643	1.8
1.9	1641	1639	1637	1635	1633	1631	1628	1626	1624	1622	1.9
2.0	1620	1618	1616	1614	1612	1610	1607	1605	1603	1601	2.0
2.1	1599	1597	1595	1593	1591	1589	1586	1584	1582	1580	2.1
2.2	1578	1576	1574	1572	1570	1568	1565	1563	1561	1559	2.2
2.3	1557	1555	1553	1551	1549	1547	1544	1542	1540	1538	2.3
2.4	1536	1534	1532	1530	1528	1526	1523	1521	1519	1517	2.4
2.5	1515	1513	1511	1509	1507	1505	1502	1500	1498	1496	2.5
2.6	1494	1492	1490	1488	1486	1484	1481	1479	1477	1475	2.6
2.7	1473	1471	1469	1467	1465	1463	1460	1458	1456	1454	2.7
2.8	1452	1450	1448	1446	1444	1442	1439	1437	1435	1433	2.8
2.9	1431	1429	1427	1425	1423	1421	1418	1416	1414	1412	2.9
3.0	1410	1408	1406	1404	1402	1400	1397	1395	1393	1391	3.0
3.1	1389	1387	1385	1383	1381	1379	1376	1374	1372	1370	3.1
3.2	1368	1366	1364	1362	1360	1358	1355	1353	1351	1349	3.2
3.3	1347	1345	1343	1341	1339	1337	1334	1332	1330	1328	3.3
3.4	1326	1324	1322	1320	1318	1316	1314	1312	1310	1308	3.4
3.5	1306	1304	1302	1300	1298	1296	1293	1291	1289	1287	3.5
3.6	1285	1283	1281	1279	1277	1275	1272	1270	1268	1266	3.6
3.7	1264	1262	1260	1258	1256	1254	1251	1249	1247	1245	3.7
3.8	1243	1241	1239	1237	1235	1233	1230	1228	1226	1224	3.8
3.9	1222	1220	1218	1216	1214	1212	1210	1208	1206	1204	3.9
4.0	1202	1200	1198	1196	1194	1192	1189	1187	1185	1183	4.0
4.1	1181	1179	1177	1175	1173	1171	1168	1166	1164	1162	4.1
4.2	1160	1158	1156	1154	1152	1150	1148	1146	1144	1142	4.2
4.3	1140	1138	1136	1134	1132	1130	1127	1125	1123	1121	4.3
4.4	1119	1117	1115	1113	1111	1109	1106	1104	1102	1100	4.4
4.5	1098	1096	1094	1092	1090	1088	1086	1084	1082	1080	4.5

TABLE 189 (CON'T)

FBRD	0	1	2	3	4	5	6	7	8	9	FBRD
4.6	1078	1076	1074	1072	1070	1068	1065	1063	1061	1059	4.6
4.7	1057	1055	1053	1051	1049	1047	1044	1042	1040	1038	4.7
4.8	1036	1034	1032	1030	1028	1026	1024	1022	1020	1018	4.8
4.9	1016	1014	1012	1010	1008	1006	1003	1001	999	997	4.9
5.0	995	993	991	989	987	985	983	981	979	977	5.0
	0	1	2	3	4	5	6	7	8	9	
5.1	975	973	971	969	967	965	962	960	958	956	5.1
5.2	954	952	950	948	946	944	942	940	938	936	5.2
5.3	934	932	930	928	926	924	921	919	917	915	5.3
5.4	913	911	909	907	905	903	901	899	897	895	5.4
5.5	893	891	889	887	885	883	880	878	876	874	5.5
5.6	872	870	868	866	864	862	860	858	856	854	5.6
5.7	852	850	848	846	844	842	839	837	835	833	5.7
5.8	831	829	827	825	823	821	819	817	815	813	5.8
5.9	811	809	807	805	803	801	798	796	794	792	5.9
6.0	790	788	786	784	782	780	778	776	774	772	6.0
	0	1	2	3	4	5	6	7	8	9	
6.1	770	768	766	764	762	760	758	756	754	752	6.1
6.2	750	748	746	744	742	740	737	735	733	731	6.2
6.3	729	727	725	723	721	719	717	715	713	711	6.3
6.4	709	707	705	703	701	699	697	695	693	691	6.4
6.5	689	687	685	683	681	679	677	675	673	671	6.5
6.6	669	667	665	663	661	659	657	655	653	651	6.6
6.7	649	647	645	643	641	639	636	634	632	630	6.7
6.8	628	626	624	622	620	618	616	614	612	610	6.8
6.9	608	606	604	602	600	598	596	594	592	590	6.9
7.0	588	586	584	582	580	578	576	574	572	570	7.0
	0	1	2	3	4	5	6	7	8	9	
7.1	568	566	564	562	560	558	556	554	552	550	7.1
7.2	548	546	544	542	540	538	536	534	532	530	7.2
7.3	528	526	524	522	520	518	516	514	512	510	7.3
7.4	508	506	504	502	500	498	496	494	492	490	7.4
7.5	488	486	484	482	480	478	476	474	472	470	7.5
7.6	468	466	464	462	460	458	456	454	452	450	7.6
7.7	448	446	444	442	440	438	436	434	432	430	7.7
7.8	428	426	424	422	420	418	416	414	412	410	7.8
7.9	408	406	404	402	400	398	396	394	392	390	7.9
8.0	388	386	384	382	380	378	376	374	372	370	8.0
	0	1	2	3	4	5	6	7	8	9	
8.1	368	366	364	362	360	359	357	355	353	351	8.1
8.2	349	347	345	343	341	339	337	335	333	331	8.2
8.3	329	327	325	323	321	319	317	315	313	311	8.3
8.4	309	307	305	303	301	299	297	295	293	291	8.4
8.5	289	287	285	283	281	280	278	276	274	272	8.5
8.6	270	268	266	264	262	260	258	256	254	252	8.6
8.7	250	248	246	244	242	241	239	237	235	233	8.7
8.8	231	229	227	225	223	221	219	217	215	213	8.8
8.9	211	209	207	205	203	202	200	198	196	194	8.9
9.0	192	190	188	186	184	182	180	178	176	174	9.0
	0	1	2	3	4	5	6	7	8	9	

FBRD	0	1	2	3	4	5	6	7	8	9	FBRD
9.1	172	170	168	166	164	163	161	159	157	155	9.1
9.2	153	151	149	147	145	143	141	139	137	135	9.2
9.3	133	131	129	127	125	124	122	120	118	116	9.3
9.4	114	112	110	108	106	105	103	101	99	97	9.4
9.5	95	93	91	89	87	86	84	82	80	78	9.5
9.6	76	74	72	70	68	67	65	63	61	59	9.6
9.7	57	55	53	51	49	48	46	44	42	40	9.7
9.8	38	36	34	32	30	29	27	25	23	21	9.8
9.9	19	17	15	13	11	10	8	6	4	2	9.9
10.0	0										10.0
	0	1	2	3	4	5	6	7	8	9	

195' X 35' X 10.0'
 END OF TABLE 189

UN 5105

31-Aug-94

TABLE 202

PAGE 1 OF 3 PAGES

FBRD	0	1	2	3	4	5	6	7	8	9	FBRD
0.0	2043	2041	2038	2036	2034	2032	2029	2027	2025	2022	0.0
0.1	2020	2018	2016	2014	2012	2010	2008	2006	2004	2002	0.1
0.2	2000	1998	1996	1994	1992	1990	1987	1985	1983	1981	0.2
0.3	1979	1977	1975	1973	1971	1969	1966	1964	1962	1960	0.3
0.4	1958	1956	1954	1952	1950	1948	1945	1943	1941	1939	0.4
0.5	1937	1935	1933	1930	1928	1926	1924	1922	1919	1917	0.5
0.6	1915	1913	1911	1909	1907	1905	1902	1900	1898	1896	0.6
0.7	1894	1892	1890	1888	1886	1884	1881	1879	1877	1875	0.7
0.8	1873	1871	1869	1867	1865	1863	1860	1858	1856	1854	0.8
0.9	1852	1850	1848	1846	1844	1842	1839	1837	1835	1833	0.9
1.0	1831	1829	1827	1824	1822	1820	1818	1816	1813	1811	1.0
	0	1	2	3	4	5	6	7	8	9	
1.1	1809	1807	1805	1803	1801	1799	1796	1794	1792	1790	1.1
1.2	1788	1786	1784	1782	1780	1778	1775	1773	1771	1769	1.2
1.3	1767	1765	1763	1761	1759	1757	1754	1752	1750	1748	1.3
1.4	1746	1744	1742	1740	1738	1736	1733	1731	1729	1727	1.4
1.5	1725	1723	1721	1719	1717	1715	1712	1710	1708	1706	1.5
1.6	1704	1702	1700	1698	1696	1694	1691	1689	1687	1685	1.6
1.7	1683	1681	1679	1677	1675	1673	1670	1668	1666	1664	1.7
1.8	1662	1660	1658	1656	1654	1652	1649	1647	1645	1643	1.8
1.9	1641	1639	1637	1635	1633	1631	1628	1626	1624	1622	1.9
2.0	1620	1618	1616	1613	1611	1609	1607	1605	1602	1600	2.0
	0	1	2	3	4	5	6	7	8	9	
2.1	1598	1596	1594	1592	1590	1588	1585	1583	1581	1579	2.1
2.2	1577	1575	1573	1571	1569	1567	1564	1562	1560	1558	2.2
2.3	1556	1554	1552	1550	1548	1546	1543	1541	1539	1537	2.3
2.4	1535	1533	1531	1529	1527	1525	1522	1520	1518	1516	2.4
2.5	1514	1512	1510	1508	1506	1504	1502	1500	1498	1496	2.5
2.6	1494	1492	1490	1488	1486	1484	1481	1479	1477	1475	2.6
2.7	1473	1471	1469	1467	1465	1463	1460	1458	1456	1454	2.7
2.8	1452	1450	1448	1446	1444	1442	1439	1437	1435	1433	2.8
2.9	1431	1429	1427	1425	1423	1421	1418	1416	1414	1412	2.9
3.0	1410	1408	1406	1404	1402	1400	1397	1395	1393	1391	3.0
	0	1	2	3	4	5	6	7	8	9	
3.1	1389	1387	1385	1383	1381	1379	1376	1374	1372	1370	3.1
3.2	1368	1366	1364	1362	1360	1358	1355	1353	1351	1349	3.2
3.3	1347	1345	1343	1341	1339	1337	1334	1332	1330	1328	3.3
3.4	1326	1324	1322	1320	1318	1316	1313	1311	1309	1307	3.4
3.5	1305	1303	1301	1299	1297	1295	1293	1291	1289	1287	3.5
3.6	1285	1283	1281	1279	1277	1275	1272	1270	1268	1266	3.6
3.7	1264	1262	1260	1258	1256	1254	1251	1249	1247	1245	3.7
3.8	1243	1241	1239	1237	1235	1233	1230	1228	1226	1224	3.8
3.9	1222	1220	1218	1216	1214	1212	1210	1208	1206	1204	3.9
4.0	1202	1200	1198	1196	1194	1192	1189	1187	1185	1183	4.0
	0	1	2	3	4	5	6	7	8	9	
4.1	1181	1179	1177	1175	1173	1171	1168	1166	1164	1162	4.1
4.2	1160	1158	1156	1154	1152	1150	1147	1145	1143	1141	4.2
4.3	1139	1137	1135	1133	1131	1129	1127	1125	1123	1121	4.3
4.4	1119	1117	1115	1113	1111	1109	1106	1104	1102	1100	4.4
4.5	1098	1096	1094	1092	1090	1088	1085	1083	1081	1079	4.5
	0	1	2	3	4	5	6	7	8	9	

TABLE 202 (CON'T)

TABLE 202 (CON'T) PAGE 2 OF 3 PAGES

FBRD	0	1	2	3	4	5	6	7	8	9	FBRD
4.6	1077	1075	1073	1071	1069	1067	1065	1063	1061	1059	4.6
4.7	1057	1055	1053	1051	1049	1047	1044	1042	1040	1038	4.7
4.8	1036	1034	1032	1030	1028	1026	1024	1022	1020	1018	4.8
4.9	1016	1014	1012	1010	1008	1006	1003	1001	999	997	4.9
5.0	995	993	991	989	987	985	982	980	978	976	5.0
	0	1	2	3	4	5	6	7	8	9	
5.1	974	972	970	968	966	964	962	960	958	956	5.1
5.2	954	952	950	948	946	944	941	939	937	935	5.2
5.3	933	931	929	927	925	923	921	919	917	915	5.3
5.4	913	911	909	907	905	903	900	898	896	894	5.4
5.5	892	890	888	886	884	882	880	878	876	874	5.5
5.6	872	870	868	866	864	862	860	858	856	854	5.6
5.7	852	850	848	846	844	842	839	837	835	833	5.7
5.8	831	829	827	825	823	821	819	817	815	813	5.8
5.9	811	809	807	805	803	801	798	796	794	792	5.9
6.0	790	788	786	784	782	780	778	776	774	772	6.0
	0	1	2	3	4	5	6	7	8	9	
6.1	770	768	766	764	762	760	758	756	754	752	6.1
6.2	750	748	746	744	742	740	737	735	733	731	6.2
6.3	729	727	725	723	721	719	717	715	713	711	6.3
6.4	709	707	705	703	701	699	697	695	693	691	6.4
6.5	689	687	685	683	681	679	677	675	673	671	6.5
6.6	669	667	665	663	661	659	656	654	652	650	6.6
6.7	648	646	644	642	640	638	636	634	632	630	6.7
6.8	628	626	624	622	620	618	616	614	612	610	6.8
6.9	608	606	604	602	600	598	596	594	592	590	6.9
7.0	588	586	584	582	580	578	576	574	572	570	7.0
	0	1	2	3	4	5	6	7	8	9	
7.1	568	566	564	562	560	558	556	554	552	550	7.1
7.2	548	546	544	542	540	538	536	534	532	530	7.2
7.3	528	526	524	522	520	518	516	514	512	510	7.3
7.4	508	506	504	502	500	498	496	494	492	490	7.4
7.5	488	486	484	482	480	478	476	474	472	470	7.5
7.6	468	466	464	462	460	458	456	454	452	450	7.6
7.7	448	446	444	442	440	438	436	434	432	430	7.7
7.8	428	426	424	422	420	418	416	414	412	410	7.8
7.9	408	406	404	402	400	398	396	394	392	390	7.9
8.0	388	386	384	382	380	378	376	374	372	370	8.0
	0	1	2	3	4	5	6	7	8	9	
8.1	368	366	364	362	360	359	357	355	353	351	8.1
8.2	349	347	345	343	341	339	337	335	333	331	8.2
8.3	329	327	325	323	321	319	317	315	313	311	8.3
8.4	309	307	305	303	301	299	297	295	293	291	8.4
8.5	289	287	285	283	281	280	278	276	274	272	8.5
8.6	270	268	266	264	262	260	258	256	254	252	8.6
8.7	250	248	246	244	242	241	239	237	235	233	8.7
8.8	231	229	227	225	223	221	219	217	215	213	8.8
8.9	211	209	207	205	203	202	200	198	196	194	8.9
9.0	192	190	188	186	184	182	180	178	176	174	9.0
	0	1	2	3	4	5	6	7	8	9	

TABLE 202 (CON'T)

TABLE 202 (CON'T) PAGE 3 OF 3 PAGES

FBRD	0	1	2	3	4	5	6	7	8	9	FBRD
9.1	172	170	168	166	164	163	161	159	157	155	9.1
9.2	153	151	149	147	145	143	141	139	137	135	9.2
9.3	133	131	129	127	125	124	122	120	118	116	9.3
9.4	114	112	110	108	106	105	103	101	99	97	9.4
9.5	95	93	91	89	87	86	84	82	80	78	9.5
9.6	76	74	72	70	68	67	65	63	61	59	9.6
9.7	57	55	53	51	49	48	46	44	42	40	9.7
9.8	38	36	34	32	30	29	27	25	23	21	9.8
9.9	19	17	15	13	11	10	8	6	4	2	9.9
10.0	0	0	0	0	0	0	0	0	0	0	10.0
	0	1	2	3	4	5	6	7	8	9	

END OF TABLE 202
 195.0' X 35.0' X 10.0'



19218 North 5th Street · Covington, LA 70433
Phone (985) 871-7472 · Fax (985) 871-1072
www.DQSI.com

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

May 22, 2012

Submittal:
Breach Seeding Materials Certificate

REVIEWED FOR GENERAL
COMPLIANCE WITH
CONTRACT DOCUMENTS

PROJECT (BA-02)

NO RESPONSIBILITY IS ASSUMED FOR QUANTITIES OR FOR CORRECTNESS OF DIMENSIONS OR DETAILS.

Submitted To:
Providence/GSE
GSE Associates, LLC
991 Grand Caillou Road
Houma, Louisiana 70363

THIS REVIEW IS SUBJECT TO ALL TERMS AND CONDITIONS OF THE CONTRACT DOCUMENTS WITH SPECIAL REFERENCE TO WARRANTY REQUIREMENTS CONTAINED THEREIN. THE CONTRACTOR SHALL OBTAIN A CERTIFICATION FROM ALL SUPPLIERS AND/OR SUBCONTRACTORS THAT THEY ARE AWARE OF AND ARE ABIDING BY WARRANTY REQUIREMENTS OF THE CONTRACT DOCUMENTS.

Contractor:
DQSI LLC (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

NO EXCEPTIONS TAKEN	<input checked="" type="checkbox"/>
MAKE CORRECTIONS NOTED	<input type="checkbox"/>
REVISE & RESUBMIT	<input type="checkbox"/>
REJECTED, SEE REMARKS	<input type="checkbox"/>

DQSI

Approved

Approved with corrections as noted on

Submittal data and/or sheet(s)

SIGNATURE: *[Signature]*

TITLE: *[Signature]*

DATE: 5/22/2012

GSE ASSOCIATES, LLC

BY *[Signature]* DATE 5/23/12

The Wax Company

P.O. Box 60
Amory, MS 38821
Tel: 662-256-3511

Kind: Bermudagrass (Common)(Hulled)

Pure Seed: 95.25% Germ: 85%

Weed Seed: 0.10% Test Date: 01/20/12

Other Crop: ~~1.00%~~ Origin: Calif.

Inert: 3.65% Net Weight: 50 Lbs.

Noxious Weeds: None Lot No.: 881112

Ams No: 5814

GIWW

O'KEEFE FEED & SEED
FEED * SEED * FERTILIZER
900 N. COLUMBIA STREET
COVINGTON, LA 70433
985-892-4101

Invoice: 594896 Date: 05/08/2012
Drawer: 02 Time: 01:01:04 PM
Employee: LARRY

Credit Card: VISA

Description
Exm. Qty. U. Disc Price Extended

EXCLUSIVE CH/RICE SENIOR 35#
N 1.000 EA \$39.99 \$39.99

BERMUDA GRASS 1#
N 5.000 LBS \$7.99 \$39.95

EQUINE SENIOR
N 2.000 BAG \$17.99 \$35.98

STRONGID C 2X
N 1.000 \$58.99 \$58.99

Subtotal: \$174.91
Tax: (.0875): \$15.30

Invoice Total: \$190.21

=====
Cash Tendered: \$0
=====
Change: \$0

Thank you - We appreciate your business!



19218 North 5th Street · Covington, LA 70433
Phone (985) 871-7472 · Fax (985) 871-1072
www.DQSI.com

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

January 10, 2012

Submittal

(For Information Only)
Geotextile Specifications – Individual Rolls

PROJECT (BA-02)

Submitted To:
State of Louisiana
Office of State Purchasing
1201 N. Third Street
Baton Rouge, LA 70802

Contractor:
DQSI, LLC (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

REVIEWED FOR GENERAL
COMPLIANCE WITH
CONTRACT DOCUMENTS

NO RESPONSIBILITY IS ASSUMED FOR QUANTITIES OR FOR CORRECTNESS OF DIMENSIONS OR DETAILS.

THIS REVIEW IS SUBJECT TO ALL TERMS AND CONDITIONS OF THE CONTRACT DOCUMENTS WITH SPECIAL REFERENCE TO WARRANTY REQUIREMENTS CONTAINED THEREIN. THE CONTRACTOR SHALL OBTAIN A CERTIFICATION FROM ALL SUPPLIERS, VENDORS, OR SUBCONTRACTORS THAT THEY ARE AWARE OF AND ARE ABIDING BY WARRANTY REQUIREMENTS OF THE CONTRACT DOCUMENTS.

NO EXCEPTIONS TAKEN ✓
MAKE CORRECTIONS DATED _____
REVISE & RE-REQUEST _____
REJECTED. SEE REMARKS _____

GSE ASSOCIATES, LLC
BY UBP DATE 1/11/2012

DQSI Corporation

Approved
Approved with corrections as noted on
Submittal data and/or sheet(s)

SIGNATURE: [Signature]
TITLE: _____
DATE: 1/10/2012



19218 North 5th Street · Covington, LA 70433
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STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

January 10, 2012

Submittal

(For Information Only)
Geotextile Specifications – Individual Rolls

PROJECT (BA-02)

Submitted To:
State of Louisiana
Office of State Purchasing
1201 N. Third Street
Baton Rouge, LA 70802

Contractor:
DQSI, LLC (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

DQSI Corporation

Approved
Approved with corrections as noted on
Submittal data and/or sheet(s)

SIGNATURE:

TITLE:

DATE:

[Handwritten signature]

1/10/2012

TENCATE

MIRAFI HP270 Certification

TENCATE GEOSYNTHETICS
NORTH AMERICA

Page: 1

ATTN: STEPHEN SNYDER
FERGUSON ENTERPRISE, INC.
901 S. LABARRE ROAD, S-206
METAIRIE, LA 70001

Proj Name: LAFOURCHE G1WW SITE GOLDEN MEADOWS, LA

This is to certify that Mirafi® HP270 geotextile is composed of high-tenacity polypropylene yarns, which are woven into a network such that the yarns retain their relative position. Mirafi® HP270 geotextile is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids. NTPEP No. GTX-2010-04-006.

Mechanical Properties	Test Code	Test Method	Minimum Average Roll Value			
WIDE WIDTH @ ULTIMATE (MD)	WWMD	ASTM D4595	2640.0	LBS/FT	38.5	KN/M
WIDE WIDTH @ ULTIMATE (CD)	WWCD	ASTM D4595	2460.0	LBS/FT	35.9	KN/M
WIDE WIDTH @ 2% (MD)	WWMD2	ASTM D4595	480.0	LBS/FT	7.0	KN/M
WIDE WIDTH @ 2% (CD)	WWCD2	ASTM D4595	588.0	LBS/FT	8.6	KN/M
WIDE WIDTH @ 5% (MD)	WWMD5	ASTM D4595	1212.0	LBS/FT	17.7	KN/M
WIDE WIDTH @ 5% (CD)	WWCD5	ASTM D4595	1356.0	LBS/FT	19.8	KN/M
WIDE WIDTH @ 10% (MD)	WWMD10	ASTM D4595	2340.0	LBS/FT	34.1	KN/M
WIDE WIDTH @ 10% (CD)	WWCD10	ASTM D4595	2412.0	LBS/FT	35.2	KN/M
FACTORY SEAM	SEAM	ASTM D4884	105.0	LBS/IN	18.4	KN/M
APPARENT OPENING SIZE - SIEVE	AOS	ASTM D4751	30	#		
APPARENT OPENING SIZE - MM	AOS2	ASTM D4751	.60	MM		
PERMITTIVITY	PTVY	ASTM D4491	.70	SEC-1		
PERMEABILITY	PBTY	ASTM D4491	.040	CM/SEC		
WATER FLOW RATE	FLOW	ASTM D4491	50.0	GPM/FT2	2037.0	L/MIN/M2
UV RESISTANCE @ 500 HOURS	UV	ASTM D4355	80	%		

Certification reflects test results at time of manufacturing and shipment. TenCate Geosynthetics is not responsible for environment or other factors which could alter the physical properties.

Factory Seam Strength (ASTM D4884) is not covered by our current A2LA accreditation.

ASTM D4751, AOS is a Maximum Opening Diameter Value

ASTM D4491 - Tested according to Constant Head procedure.

* * * END OF REPORT * * *

This January 05, 2012



Chris Whitfield, Quality Manager CERT#: 1004335

Unless specified separately in writing, material results apply only to items tested. No portion of this document may be reproduced whole or in part without the expressed written consent of TenCate. TenCate warrants our products and services to be free from defects in material and workmanship when delivered to TenCate's customers and that our products meet our published specifications. Actual test data supplied is for the full width of the tested master roll.

American Association of Laboratory Accreditation Certificate Number: 1291.01 Accreditation #: GAI-LAP-25-1997

© 2010 TenCate Geosynthetics North America

365 South Holland Dr.
Pendergrass, GA 30567

Tel 706 693 2226
Tel 888 795 0808

Fax 706 693 2122
www.tencate.com



Roll#	Style	TrapTearMD lbs.	TrapTearXMD lbs.	WideWidthElongationMD %	WideWidthElongationXMD %
160531131	HP570	314.50	354.90	10.9	12
160532301	HP570	312.30	377.40	10.6	12.6
160532303	HP570	312.30	377.40	10.6	12.6
160532305	HP570	312.30	377.40	10.6	12.6
160532306	HP570	312.30	377.40	10.6	12.6
160532312	HP570	341.50	442.60	10.9	12.2
160532316	HP570	341.50	442.60	10.9	12.2
160532319	HP570	341.50	442.60	10.9	12.2
160532510	HP570	343.70	424.60	10.1	12.3
160532519	HP570	343.70	424.60	10.1	12.3
160532522	HP570	343.70	424.60	10.1	12.3
160532553	HP570	307.80	413.40	11.7	10.6



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STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFORCHE PARISH, LA

January 6, 2012

Submittal

Amended Geotextile Plan

PROJECT (BA-02)

Submitted To:
State of Louisiana
Office of State Purchasing
1201 N. Third Street
Baton Rouge, LA 70802

Contractor:
DQSI, LLC (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

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NO EXCEPTIONS TAKEN	<input checked="" type="checkbox"/>
MAKE CORRECTIONS NOTED	<input type="checkbox"/>
REVISE & RESUBMIT	<input type="checkbox"/>
REJECTED, SEE REMARKS	<input type="checkbox"/>

GSE ASSOCIATES, LLC

BY LBP DATE 1/11/2012

DQSI Corporation

Approved _____

Approved with corrections as noted on Submittal data and/or sheet(s) _____

SIGNATURE: [Signature]

TITLE: GM

DATE: 1/6/2012



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STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

January 6, 2012

Submittal

Amended Geotextile Plan

PROJECT (BA-02)

Submitted To:
State of Louisiana
Office of State Purchasing
1201 N. Third Street
Baton Rouge, LA 70802

Contractor:
DQSI, LLC (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

DQSI Corporation

Approved
Approved with corrections as noted on
Submittal data and/or sheet(s)

SIGNATURE: *[Signature]*
TITLE: *[Signature]*
DATE: 1/6/2012



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STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

December 16, 2011

Submittal
Geotextile Plan

PROJECT (BA-02)

Submitted To:
State of Louisiana
Office of State Purchasing
1201 N. Third Street
Baton Rouge, LA 70802

Contractor:
DQSI, LLC (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

REVIEWED FOR GENERAL
COMPLIANCE WITH
CONTRACT DOCUMENTS

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NO ERRORS FOUND	<input checked="" type="checkbox"/>
MAKE CORRECTIONS NOTED	<input type="checkbox"/>
REVISE & RESUBMIT	<input type="checkbox"/>
REJECTED, SEE COMMENTS	<input type="checkbox"/>

GSE ASSOCIATES, LLC

BY LBP DATE 12/19/2011

DQSI Corporation

Approved
Approved with corrections as noted on
Submittal data and/or sheet(s)

SIGNATURE: [Signature]
TITLE:
DATE: 12/16/2011



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www.DQSI.com

Geotextile Placement Plan New Rock Dike Shoreline Protection:

The Geotextile will be sewn to the dimensions shown on the attached drawing. The sewn seams will be placed perpendicular to the centerline under the stone at the locations, and to the lines and grades shown on the plans. Each geotextile end lap will be overlapped a minimum of five (5) feet. Prior to placement, DQSI, LLC will prepare the surface to receive the geotextile, insuring the surface is relatively smooth and free of obstructions or debris. To counteract any effect by wind or wave, the geotextile may be staked down as necessary. Upon completion, all stakes will be removed and all geotextile that extends above the waterline or beyond the "Limits of Geotextile" as detailed in the drawings will be cut off and disposed of properly.

Amendment #1: DQSI, LLC would like to submit as part of our plan that all or most of the geotextile be installed prior to the 10# rip rap being placed on top. In addition, we would plan to use spoils along the edges as well as the stakes from our original plan to counteract any effect from wind and wave.

Mississippi Office

John C. Stennis Space Center
Building 1103 Room 147C · Stennis Space Center, MS 39529
Phone: (228) 688-3796 · Fax: (228) 688-6184

New Orleans Office

Center for Energy Resource Management
2045 Lakeshore Drive – Suite 213 · New Orleans, LA 70122
Phone: (504) 280-4080

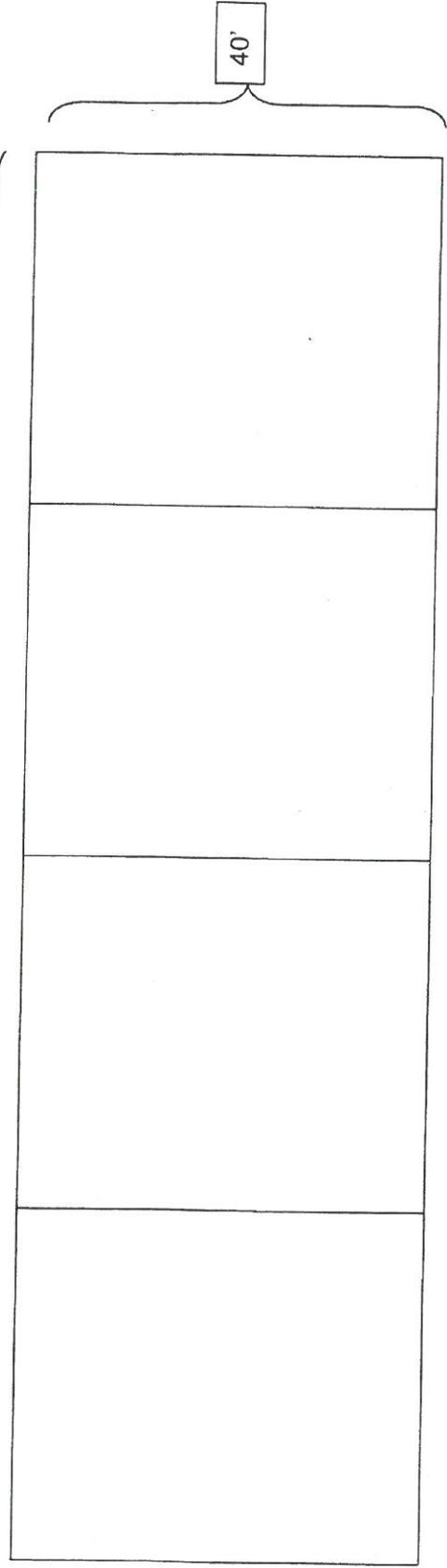
HP570/60/40 (GIWW Clovelly Hydro Job)

Drawing approved by: _____

Date: _____

Note: By signing this drawing, the client acknowledges their acceptance of its accuracy. All other references to fabrication instructions shall be superseded and considered no longer valid.

60' (4 mw)¹



Notes:

- 1) Utilize 4 mill widths of 15' wide material
- 2) Seam type to be double-stitch "Butterfly"
- 3) No cross seams allowed
- 4) Panels to be roll on a 4" dia. Cardboard core
- 5) Alternating seams

Note: Project Specification
Exception: Rolls used in fabrication must meet a Trap Tear of 220 lbs and Elongation of 9%. PICK LIST REQUIRED.
Contract 334

¹Note: All mill widths are approximately 14.5' (after seaming). NET Panel width shall be approx. 58 ft.

Disclaimer: TenCate assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. TenCate disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.

ATTACHMENT “H”

Powerline Shutdown Plan



PROVIDENCE/GSE
GSE ASSOCIATES, LLC

FAX TRANSMITTAL

TO: Brian Babin

FAX NO.: 447-0997

FROM: Dickey Hottinger

DATE: 3/15/12

NO. OF
PAGES: 10 (INCLUDING COVER SHEET)

SUBJECT: GIW/W

REMARKS: Revised Powerline Shutdown Plan fo-
your review

HARD COPY _____ (WILL) _____ (WILL NOT) BE SENT

HOUMA OFFICE:
991 Grand Caillou Road
Houma, Louisiana 70363-5705
(985) 876-6380
(985) 876-0621



STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

March 12, 2012

Submittal

Revised Powerline Shutdown Plan

PROJECT (BA-02)

Submitted To:
Providence/GSE
GSE Associates, LLC
991 Grand Caillou Road
Houma, Louisiana 70363

Contractor:
DQSI LLC (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

DQSI

Approved
Approved with corrections as noted on
Submittal data and/or sheet(s)

SIGNATURE: _____
TITLE: _____
DATE: 3/12/2012



Project No. 621-004-GSE

February 13, 2012

Providence/GSE
GSE Associates, LLC
Attn: Richard Lottinger
991 Grand Caillou Road
Houma, LA 70363

Re: DNR Contract No. 2503-12-23
GIWW/ Clovelly Hydrologic Restoration (BA-02)
2010 Maintenance Project
Lafourche Parish, Louisiana

Subject: Work plan for maintaining a twenty (20) foot safety zone adjacent Entergy's power line:

The purpose of this plan is to determine how many times during the project, DQSI will have to request that Entergy power down their transmission line that crosses our limits of work on the referenced project.

Structure #4 and the New Rock Dike Extension:

It is our intention to begin construction on the North end of Structure 4A/B with the 130# rip rap with Excavator #1 and the North end of the New Rock Dike Extension with the 10# rip rap with Excavator #2 simultaneously (Figure A below). On March 5, 2012 at approximately 7:00am, Entergy will shut down its transmission line and we will proceed to move one excavator under the line to the landward side. Upon arrival on the landward side of the line, one excavator will be utilized until the work building the New Rock Dike Structure and recapping structure #4 is complete. Once complete, we will then request Entergy power down their line for a second time so that the excavator can safely pass under the transmission line.

For safety reasons, DQSI would like to propose that we leave a gap underneath the transmission line that crosses the New Rock Dike Extension in lieu of building the fish dips as is called for in the plans. The size of the gap would be determined by how close we can work to the power lines without encroaching on the Twenty (20) foot safety zone.

Structure #2:

Structure #2 is also on the landward side of the power line as shown in the attached photos. We will utilize one excavator to do the work at that location. We will require a third shutdown to allow us to access the site and a fourth once Structure #2 is to grade.



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Recapping:

Our specifications require us to allow for thirty (30) days of settlement and thus may require four (4) additional shutdowns to access both sites one more time.

Cost:

DQSI will accrue costs based on number of outages, time of outages, and Entergy personnel utilized to shut power down. At this time, DQSI is unable to predict the total cost of the necessary power outages or the frequency. Entergy has estimated the cost at \$5000.00 per shut down.

In Summary:

In order to complete the referenced project and work in a safe manner maintaining a twenty (20) foot buffer zone around Entergy's transmission line, we will require Entergy to shut down their transmission line a minimum of four (4) times and could possibly need to shut it down as many as eight (8) times. Additionally, we would like to recommend removing the fish dips from the New Rock Dike Extension and as an alternative, recommend leaving as small a gap in the dike as possible to avoid working within the twenty (20) foot buffer zone.

DQSI would like to request an equitable adjustment to the contract amount to cover the cost of the required outages as they are needed.

Very Respectfully,

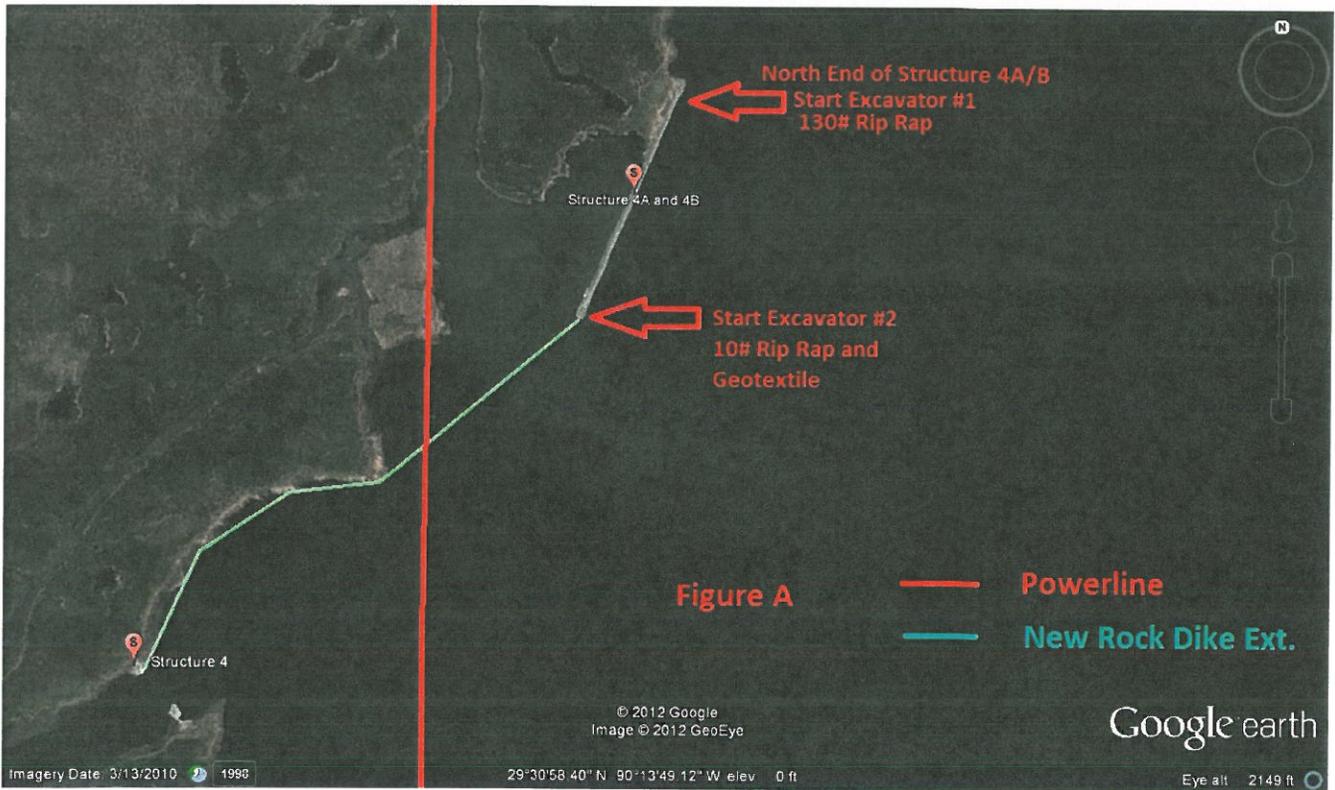
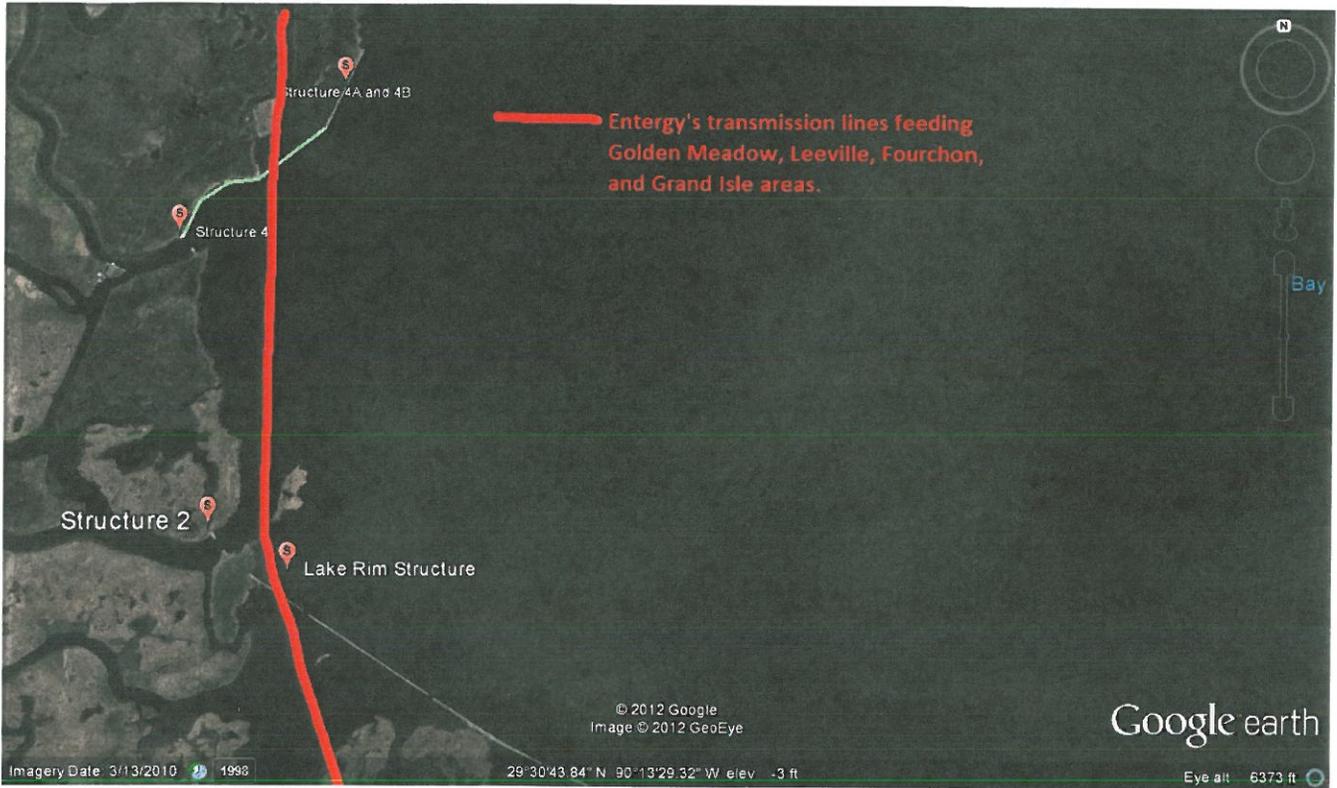
Eric M. Bourg
Project Manager
DQSI, LLC.

Mississippi Office

John C. Stennis Space Center
Building 1103 Room 147C · Stennis Space Center, MS 39529
Phone: (228) 688-3796 · Fax: (228) 688-6184

New Orleans Office

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Phone: (504) 280-4080

Temporary Outage Agreement

THIS TEMPORARY OUTAGE AGREEMENT is made and entered into on February 15, 2012 by and between DQSI, LLC (for purposes of this Outage Agreement "Customer") and Entergy Louisiana LLC, ("Entergy").

1. Customer is performing construction work for a third party under an agreement or agreements to which Entergy is not a party. To accomplish its work for that third party Customer desires one or more temporary outages including that set forth below (which may include, without limitation, temporary de-energization and grounding; temporary relocation or raising of the lines; or by other means) of the Entergy electrical distribution or transmission line[s] identified as Little Gypsy to Madisonville (the "Affected Electric Facilities") for the following purpose (the "Construction Project"):

To pass barge and machinery underneath a low hanging transmission line.

Customer's construction project commenced on November 18, 2011 and is estimated to continue until May 16, 2012, and hereby requests an initial de-energization as set forth below.

2. **Initial De-energization.** Date on which Entergy's facilities will be de-energized: March 5, 2012
3. **Re-energization.** Date on which Entergy's facilities will be re-energized: March 5, 2012
4. For all future outage requests, Customer agrees to provide Entergy a minimum of six (6) weeks' notice before beginning any work requiring a temporary outage.
5. Within thirty (30) days of invoicing therefore, Customer shall pay Entergy all costs incurred by Entergy in connection with each temporary outage including, but not limited to, labor costs, labor cost adders, material, equipment, costs associated with third party vendors, taxes and overheads (the "Reimbursable Costs"). Such invoices may be estimated and sent in advance, and Customer shall pay any difference between estimated and actual costs, or be credited such difference, as applicable.
6. Entergy may postpone or interrupt de-energization as it deems necessary in its sole discretion. Entergy will reschedule, upon agreement by both parties in writing. Starting times for all outages will be at approximately 5:00 am on the date specified above for de-energization, and will be re-energized at approximately 5:00 pm on the date specified above for re-energization. If Entergy postpones the de-energization, then Entergy will contact Customer at the telephone and mobile phone numbers listed below. If Customer does not answer, Entergy will leave a message to the effect that the de-energization will be postponed. Entergy shall have no liability to Customer or any other person or entity for postponement, regardless of the reason.
7. **Further to the above stated provisions,** Customer acknowledges and agrees that if conditions arise that Entergy in its sole discretion deems to adversely affect the safety and/or reliability of Entergy's electrical system, including but not limited to its ability to provide electric service to its customers, and if putting the Affected Electric Facilities back into service is deemed by Entergy in its sole discretion to be necessary to remove or mitigate such adverse effect, then, Entergy may, upon not less than 2 hours prior

notice to Customer, put the Affected Electric Facilities back into service by means it deems reasonable. Upon receipt of such notice, Customer will immediately take all actions necessary (including suspending its work) to remove and protect equipment and persons from the Affected Electric Facilities before they are energized. Following the abatement of the adverse conditions, Entergy will provide a temporary outage of the Affected Electric Facilities, at its expense. In no event shall Entergy be liable in contract, in tort (including negligence), or otherwise under any legal theory or provision to Customer, its agents, representatives, its affiliated and associated companies, and/or its successors or assigns, for any incidental or consequential loss or damage whatsoever, including, but not limited to, loss of profits or revenue on work not performed, for loss of use of or under-utilization of the Customer's facilities, equipment or personnel, or loss of use of revenues or loss of anticipated profits arising out of or related to Entergy's exercising its rights hereunder.

8. Customer acknowledges that Entergy is subject to certain regulatory fines and/or penalties arising out of or that may arise out of Entergy's not maintaining the reliability of its electrical system. Customer shall pay Entergy any Reimbursable Costs arising out of or related to Entergy being unable to put the Affected Electric Facilities back into service by the end of the requested temporary outage period. In addition to Reimbursable Costs, Customer shall pay Entergy any and all costs, fees or damages, including but not limited to such regulatory fines and/or penalties, arising out of or related to Entergy's being unable to return the Affected Electric Facilities back into service during the term of this Outage Agreement or at the end of the requested temporary outage period, to the extent that such inability arises out of or is related to Customer's negligence or other fault, including but not limited to breach of any term of this Outage Agreement.
9. The Customer shall, to the fullest extent allowed by applicable law, indemnify, protect and hold harmless Entergy and its affiliates and their contractors, and each of their officers, directors, control persons, employees, agents and representatives (the "Indemnitees") from and against any and all losses, damages, including consequential, incidental and punitive damages, claims, liabilities, costs and expenses (including, without limitation, demands, fines, remediation costs, penalties, attorneys' fees, court costs, legal, accounting, consulting, engineering and other expenses) that may be imposed on, incurred by, or asserted against the Indemnities or any of them by any party or parties (including, without limitation, a governmental entity), caused by, arising from, relating to or in connection with, in whole or in part, directly or indirectly the Customer or Customer's representatives' act, omission, performance, or failure to perform any part of this Agreement. THIS INDEMNITY SHALL APPLY EVEN IN THE EVENT OF THE CONCURRENT NEGLIGENCE, ACTIVE OR PASSIVE, OF INDEMNITEES, OR ANY OR ALL OF THEM. Indemnities may require the Customer to defend all suits or claims concerning the foregoing. The Customer hereby releases the Indemnities from any and all liability to the Customer in connection with Entergy's performance of this Agreement.
10. The laws of the State of Louisiana (without giving effect to its conflict of law principles) govern all matters arising out of or relating to this agreement, including but not limited to the Louisiana Overhead Power Line Safety Act, La. R. S. 45:141 through 146. Customer agrees to follow all regulations of the U. S. Occupational Safety and Health Administration applicable to the Construction Project, including but not limited to 29 C. F. R. 1926 regarding the operation of cranes and derricks in connection with the Construction Project. Customer and Entergy reserve and may seek any and all remedies and relief available at law. Neither Customer nor Entergy shall be deemed to have waived any rights or remedies at law by virtue of executing this agreement.

Enter Company Name

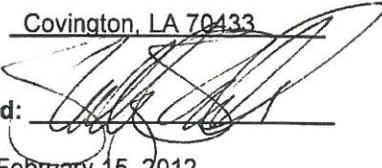
DQSI, LLC

By: Shelly Stubbs, Ph. D.

Title: Member – President & CEO

Address: 19218 North 5th Street

Covington, LA 70433

Approved: 

Date: February 15, 2012

Email address: shelly@dqsi.com

Enter Company Name

ENTERGY New Orleans Inc.

By: Phillip R. Moore

Title: MGR: LA Transmission Lines

Address: 9585 Pecue Lane

Baton Rouge, La 70810

Approved: _____

Date: _____

Customer Job Site Contact(s):

Name: Frank Foxworth

Office Phone: _____

Mobile Phone: 985-237-2499

Name: Kenny Soulant

Office Phone: _____

Mobile Phone: 985-867-0406

Entergy Outage Coordinator Contact(s):

Name: Jimmy Sholar

Office Phone: 504-219-4204

Mobile Phone: 504-390-9414

Name: _____

Office Phone: _____

Mobile Phone: _____

Customer's Federal Tax ID #: 72-1416998

Customer's Billing Address: DQSI, LLC

19218 North 5th Street

Covington, LA 70433

Mail this original signed copy to:

**Entergy
Atten: Jimmy Sholar
1000 Harimaw Court West
Metairie, LA 70001**

From: SHOLAR, JAMES D [<mailto:JSHOLAR@entergy.com>]
Sent: Monday, February 06, 2012 4:42 PM
To: Eric Bourg
Cc: SHOLAR, JAMES D
Subject: DQSI LLC ? ENTERGY

Eric,

This is a brief summary of what was discussed the other day at the Entergy Metairie Transmission Office.

- 1- This is one of Entergy transmission lines feeding customers in the Golden Meadow, Leeville, Fourchon and Grand Isle area.
- 2- Entergy could provide at short outage to allow your equipment to pass under the line. (weather and load permitting)
- 3- Per outage request there is a cost estimated associated with it of \$5,000.00.
- 4- Entergy cannot allow a long outage duration of this line.
- 5- OSHA requires that no one can work within 20ft of an energized line.

Please keep in mind that Entergy is willing to work with you on this but within the means of the integrity of serving the customers of Lafourche Parish.

Thanks,
Jimmy Sholar
Operations Coordinator
Entergy Louisiana, LLC
Entergy New Orleans, Inc.
Southeast Louisiana Transmission Grid
jsholar@entergy.com
Office: Internal 8-569-4204
External 504-219-4204
Cell: 504-390-9414
Fax: 504-219-4301

ATTACHMENT “I”

Pre-Construction Survey



19218 North 5th Street · Covington, LA 70433
Phone (985) 871-7472 · Fax (985) 871-1072
www.DQSI.com

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

December 14, 2011

Submittal
Magnetometer Survey

PROJECT (BA-02)

Submitted To:
State of Louisiana
Office of State Purchasing
1201 N. Third Street
Baton Rouge, LA 70802

Contractor:
DQSI Corporation (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

**REVIEWED FOR GENERAL
COMPLIANCE WITH
CONTRACT DOCUMENTS**

NO RESPONSIBILITY IS ASSUMED FOR QUANTITIES OR FOR CORRECTNESS OF DIMENSIONS OR DETAILS.

THIS REVIEW IS SUBJECT TO ALL TERMS AND CONDITIONS OF THE CONTRACT DOCUMENTS WITH SPECIAL REFERENCE TO WARRANTY REQUIREMENTS CONTAINED THEREIN. THE CONTRACTOR SHALL OBTAIN A CERTIFICATION FROM ALL SUPPLIERS AND/OR SUBCONTRACTORS THAT THEY ARE AWARE OF AND ARE ABIDING BY WARRANTY REQUIREMENTS OF THE CONTRACT DOCUMENTS.

NO EXCEPTIONS TAKEN	
MAKE CORRECTIONS NOTED	
REVISE & RESUBMIT	<input checked="" type="checkbox"/>
REJECTED, SEE REMARKS	<input checked="" type="checkbox"/>

GSE ASSOCIATES, LLC

BY LBP 12/15/2011

DQSI Corporation

Approved
Approved with corrections as noted on
Submittal data and/or sheet(s)

SIGNATURE: *[Signature]*
TITLE: *[Signature]*
DATE: 12/14/2011

Per p. 36, # 2.2.5, third sentence, please provide the proper depths of pipelines and whether &/or how the pipelines will be marked. Also, provide the information in the last sentence of # 2.2.5.



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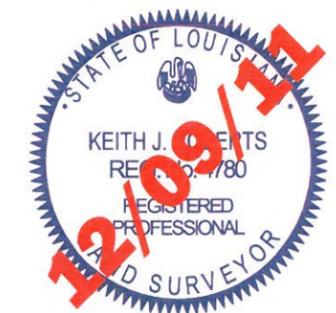
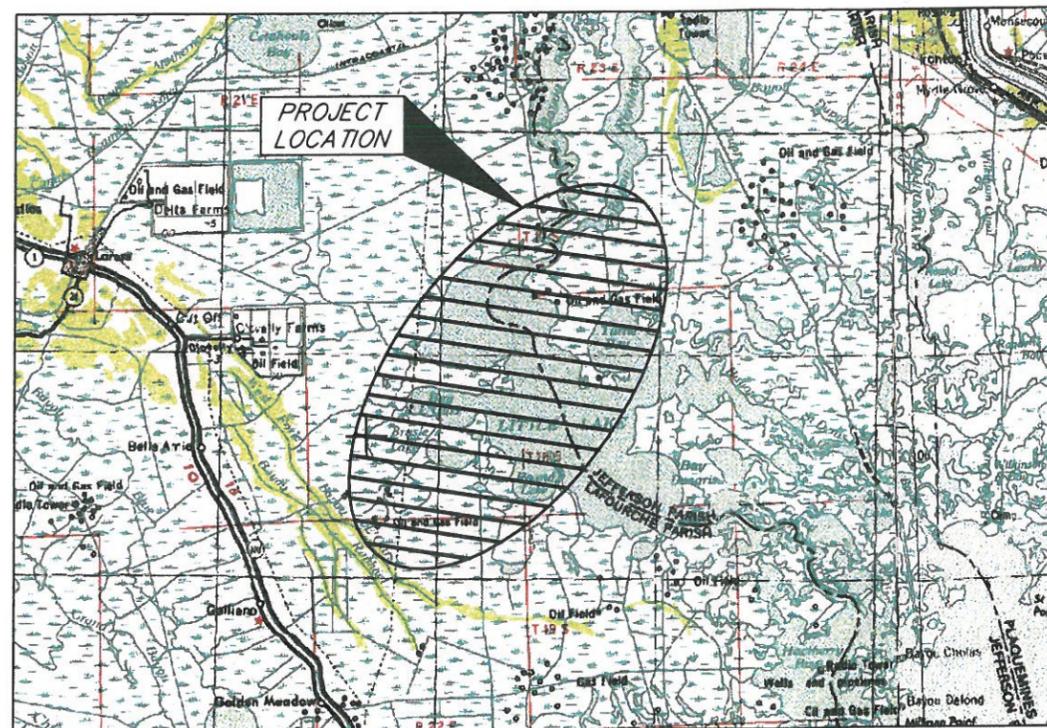
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DATE: 12/14/2011

DQSI, INC.
 PRE-CONSTRUCTION MAGNETOMETER SURVEY
**GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT**
 SOLICITATION/CONTRACT NO.: BA-02

LAFOURCHE PARISH, LA

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	TITLE PAGE
2	PROJECT OVERVIEW
3 - 7	BATHYMETRIC SURVEY
8 - 12	MAGNETOMETER SURVEY
13 - 17	MAGNETIC ANOMALY TABLES

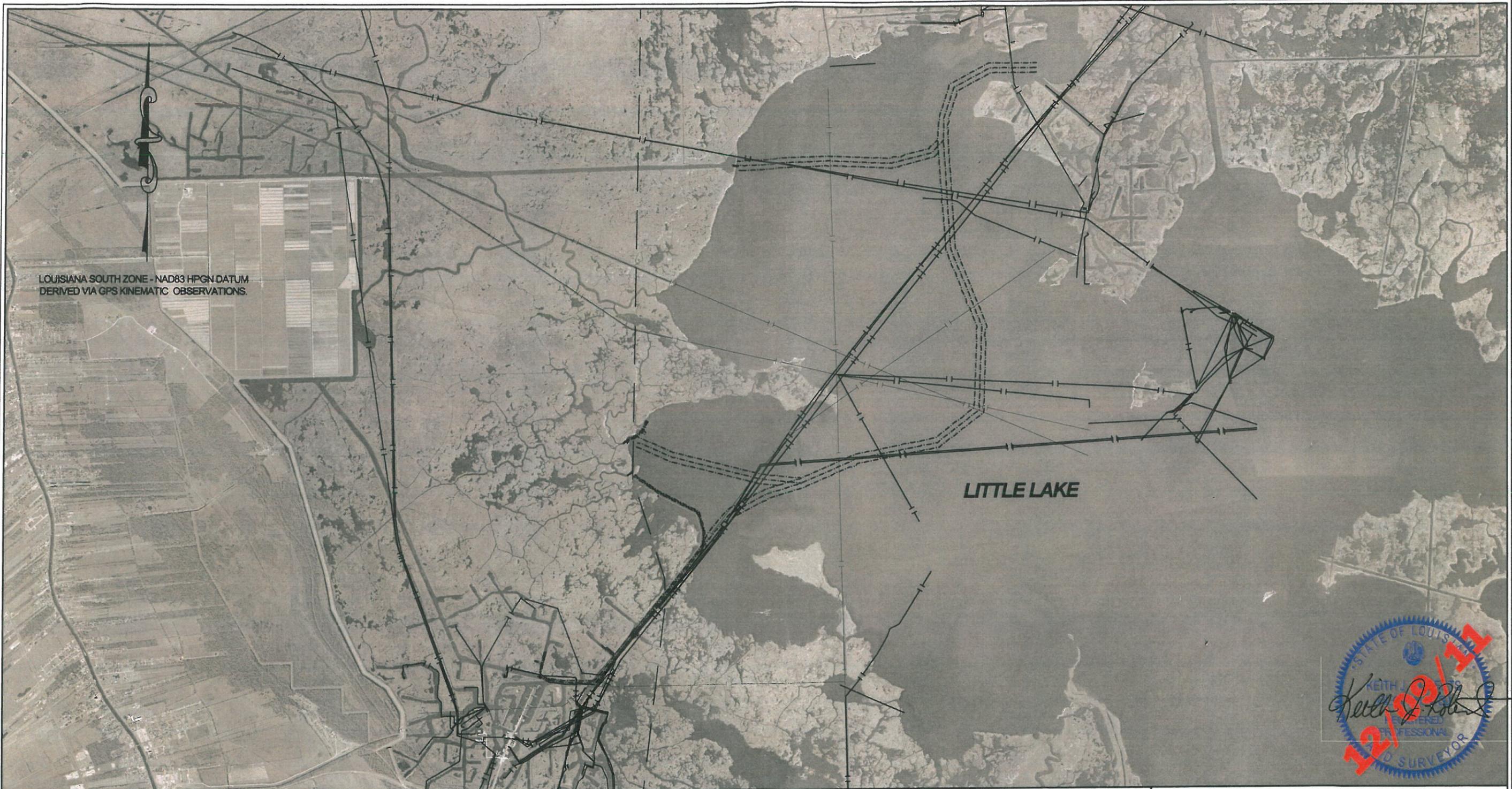


THIS MAP REPRESENTS AN ACTUAL FIELD SURVEY MADE UNDER DIRECT SUPERVISION OF THE UNDERSIGNED.

Keith J. Roberts

KEITH J. ROBERTS, PLS # 4780
 202 JACOBS RUN
 SCOTT, LA. 70583
 (337) 706-8219

REVISED BY:	DATE:		GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010 MAINTENANCE PROJECT BA-02 BATHYMETRY AND MAGNETOMETER SURVEY LAFOURCHE PARISH, LOUISIANA		
VICINITY MAP (N.T.S.)					
PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583		DATE: 12/09/11	JOB# 2111122	FILE: MAG SURVEY SJ8.DWG	SHEET: 1 OF 17



NOTES

1. ALL HORIZONTAL COORDINATES ARE BASED ON LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM, US SURVEY FOOT AS DERIVED FROM PROJECT CONTROL VIA GPS KINEMATIC OBSERVATIONS.
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LEGEND	
	APPROX. PIPELINE LOCATION (DNR DATABASE/DIGITIZED FROM PROJECT PLANS)
	MAG SURVEY ROUTE
	APPROXIMATE OVERHEAD POWER LINE LOCATION (DNR DATABASE)

REVISED BY:	DATE:
HORIZONTAL SCALE	
DATE: 12/09/11	JOB# 2111122



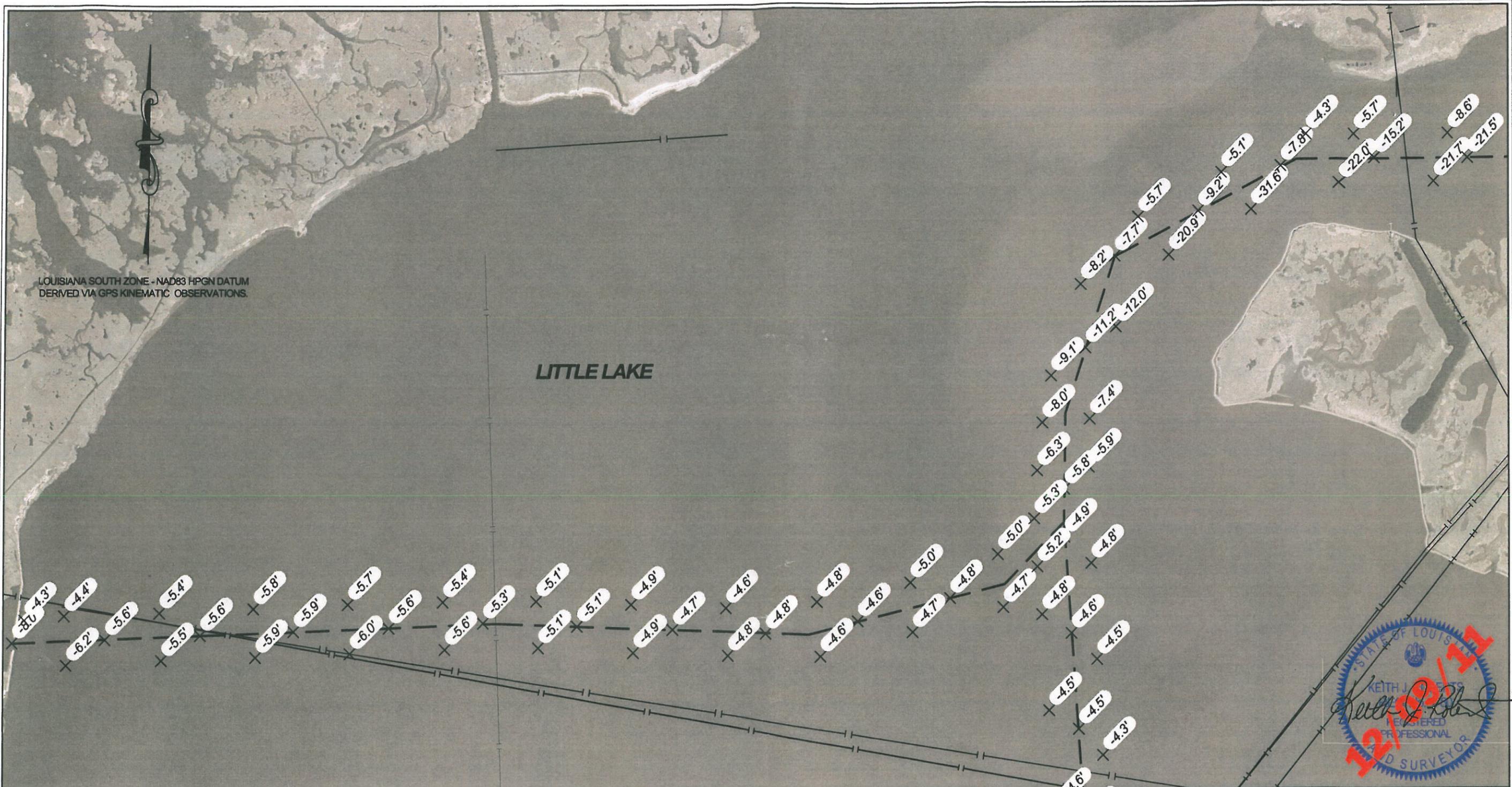


LAND SURVEY AND HYDROGRAPHIC SOLUTIONS

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

FILE: MAG SURVEY SJB.DWG

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT
BA-02
PROJECT OVERVIEW
 LAFOURCHE PARISH, LOUISIANA
 SHEET: 2 OF 17



LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM
DERIVED VIA GPS KINEMATIC OBSERVATIONS.

LITTLE LAKE



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	APPROX. PIPELINE LOCATION (DNR DATABASE/DIGITIZED FROM PROJECT PLANS)
	PROPOSED ACCESS ROUTE
	SPOT ELEVATION

REVISED BY:	DATE:
HORIZONTAL SCALE 	
DATE: 12/09/11	JOB# 2111122




LAND SURVEY AND HYDROGRAPHIC SOLUTIONS

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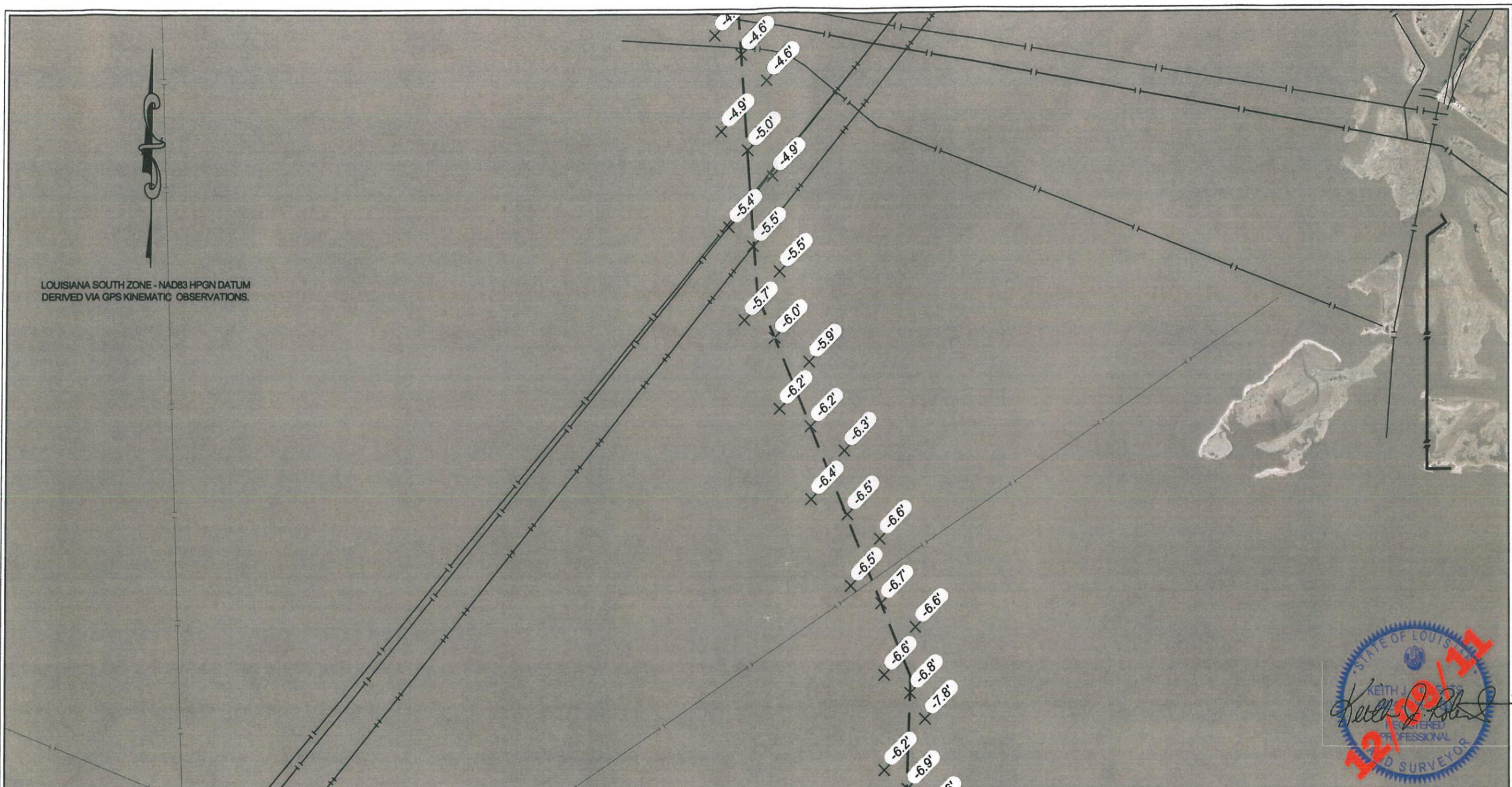
FILE: MAG SURVEY SJB.DWG

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT
BA-02
BATHYMETRIC SURVEY
LAFOURCHE PARISH, LOUISIANA

SHEET: 3 OF 17



LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM
DERIVED VIA GPS KINEMATIC OBSERVATIONS.



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	SPOT ELEVATION

REVISED BY:	DATE:
HORIZONTAL SCALE	
DATE: 12/09/11	JOB# 2111122

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FILE: MAG SURVEY SJB.DWG

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT
BA-02
BATHYMETRIC SURVEY
LAFOURCHE PARISH, LOUISIANA

SHEET: 4 OF 17



LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM
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REVISED BY:	DATE:
HORIZONTAL SCALE	
DATE: 12/09/11	JOB# 2111122

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FILE: MAG SURVEY SJB.DWG

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT

BA-02

BATHYMETRIC SURVEY

LAFOURCHE PARISH, LOUISIANA

SHEET: 6 OF 17



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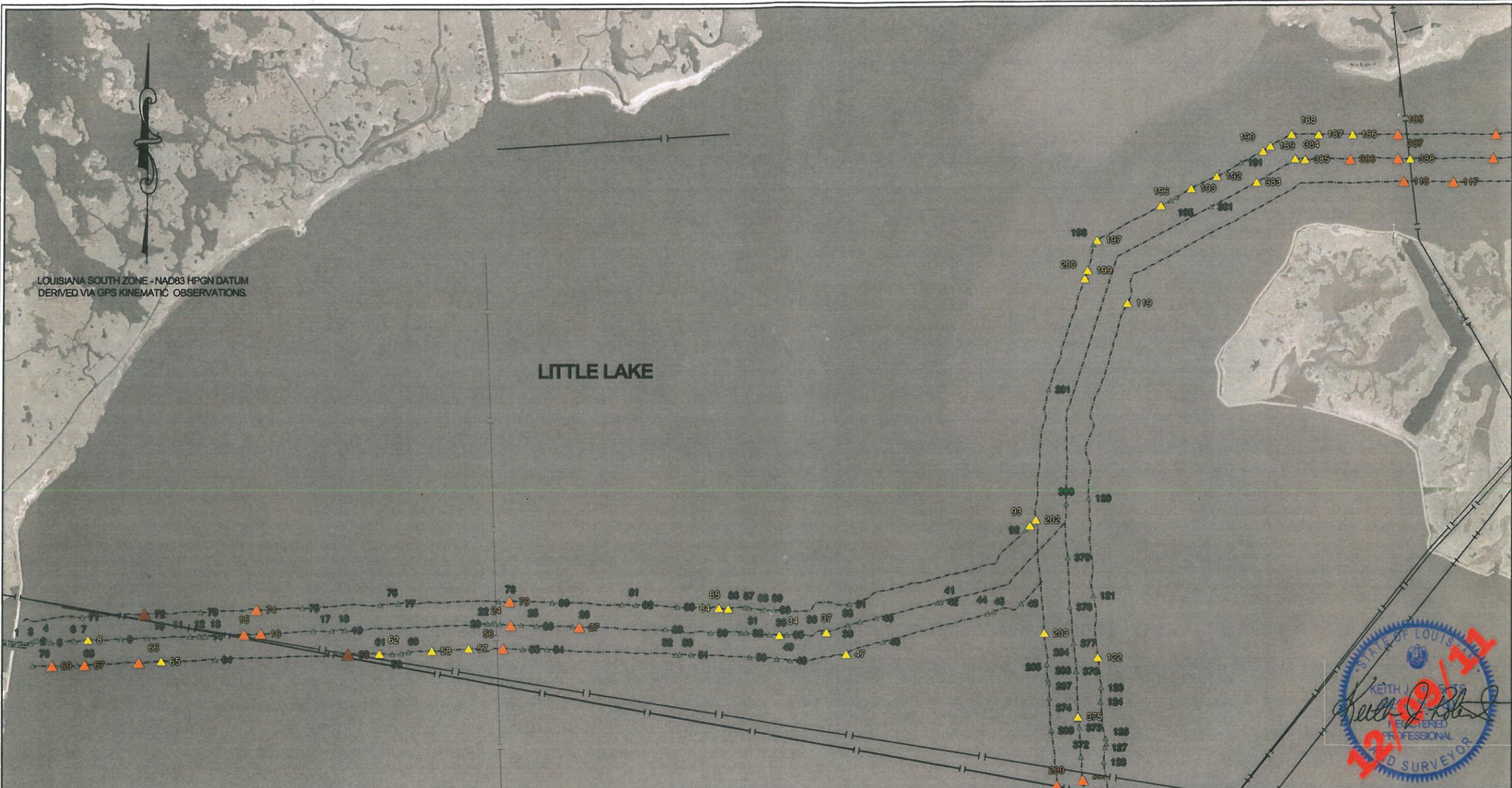
GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT

BA-02

BATHYMETRIC SURVEY

LAFOURCHE PARISH, LOUISIANA

SHEET: 7 OF 17



LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM
DERIVED VIA GPS KINEMATIC OBSERVATIONS.

LITTLE LAKE



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LEGEND	
LINE WORK	GAMMA AMPLITUDE
APPROX. PIPELINE LOCATION (DNR DATABASE/DIGITIZED FROM PROJECT PLANS)	1-50 GAMMAS
MAGNETOMETER SURVEY ROUTE	51-100 GAMMAS
	101-500 GAMMAS
	501-1000 GAMMAS
	> 1001 GAMMAS

REVISED BY:	DATE:
HORIZONTAL SCALE	
DATE: 12/09/11	JOB# 2111122

DQSI LLC

HYDROTERRA
TECHNOLOGIES, LLC
LAND SURVEY AND HYDROGRAPHIC SOLUTIONS

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GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT

BA-02

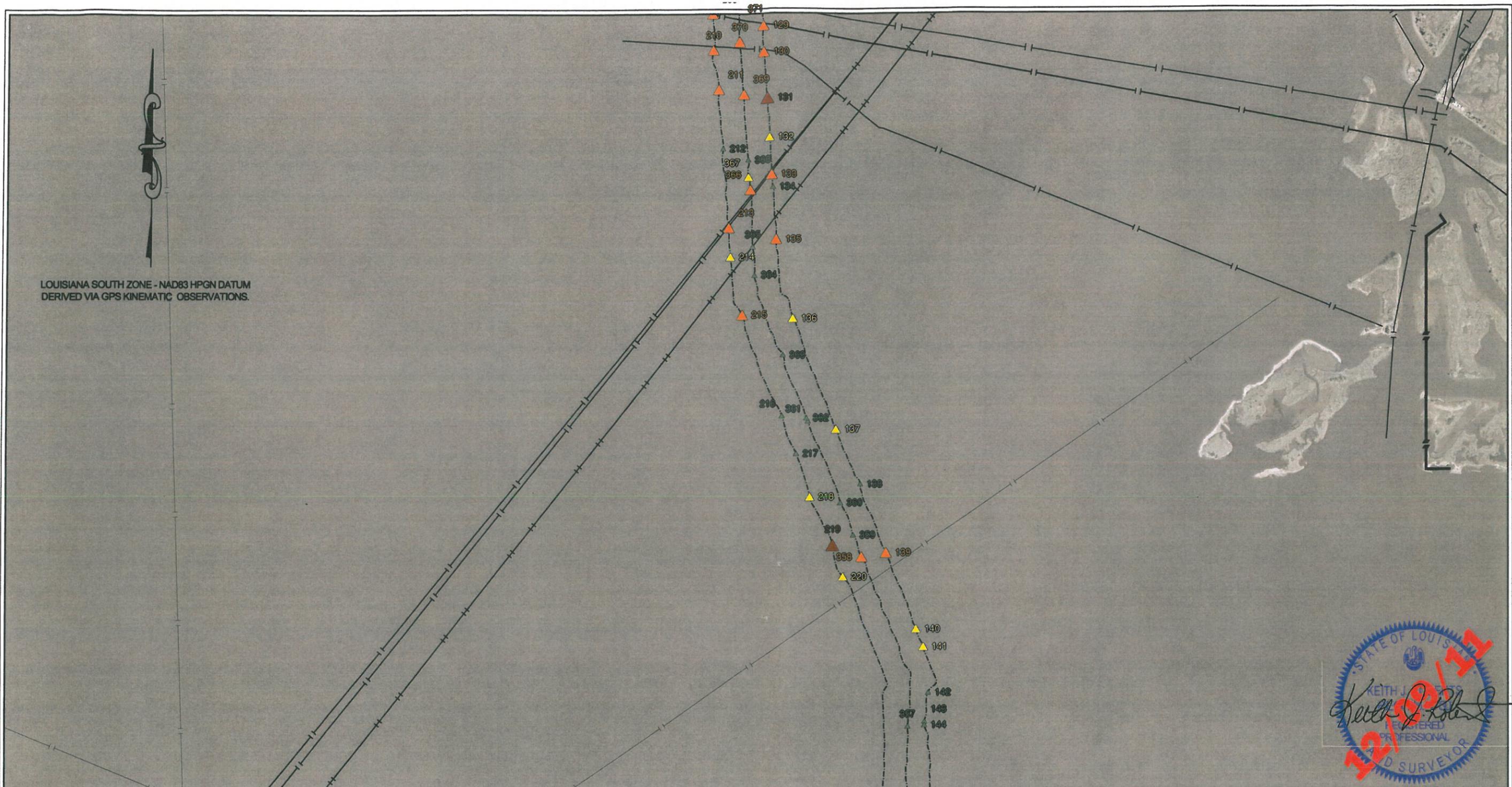
MAGNETOMETER SURVEY

LAFOURCHE PARISH, LOUISIANA

SHEET: 8 OF 17



LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM
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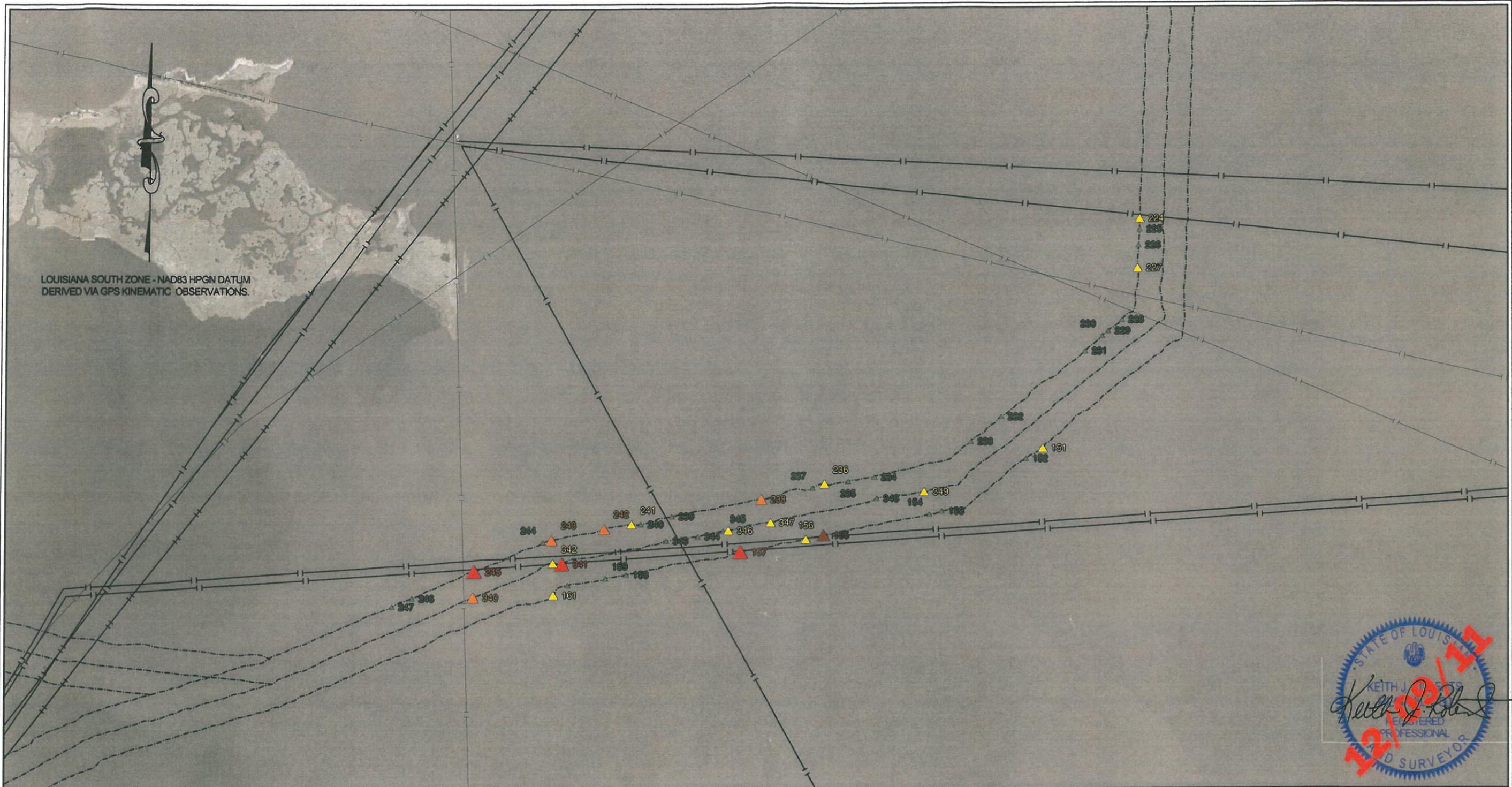
LAND SURVEY AND HYDROGRAPHIC SOLUTIONS

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FILE: MAG SURVEY SJB.DWG

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT
BA-02
MAGNETOMETER SURVEY
LAFOURCHE PARISH, LOUISIANA

SHEET: 9 OF 17



LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM
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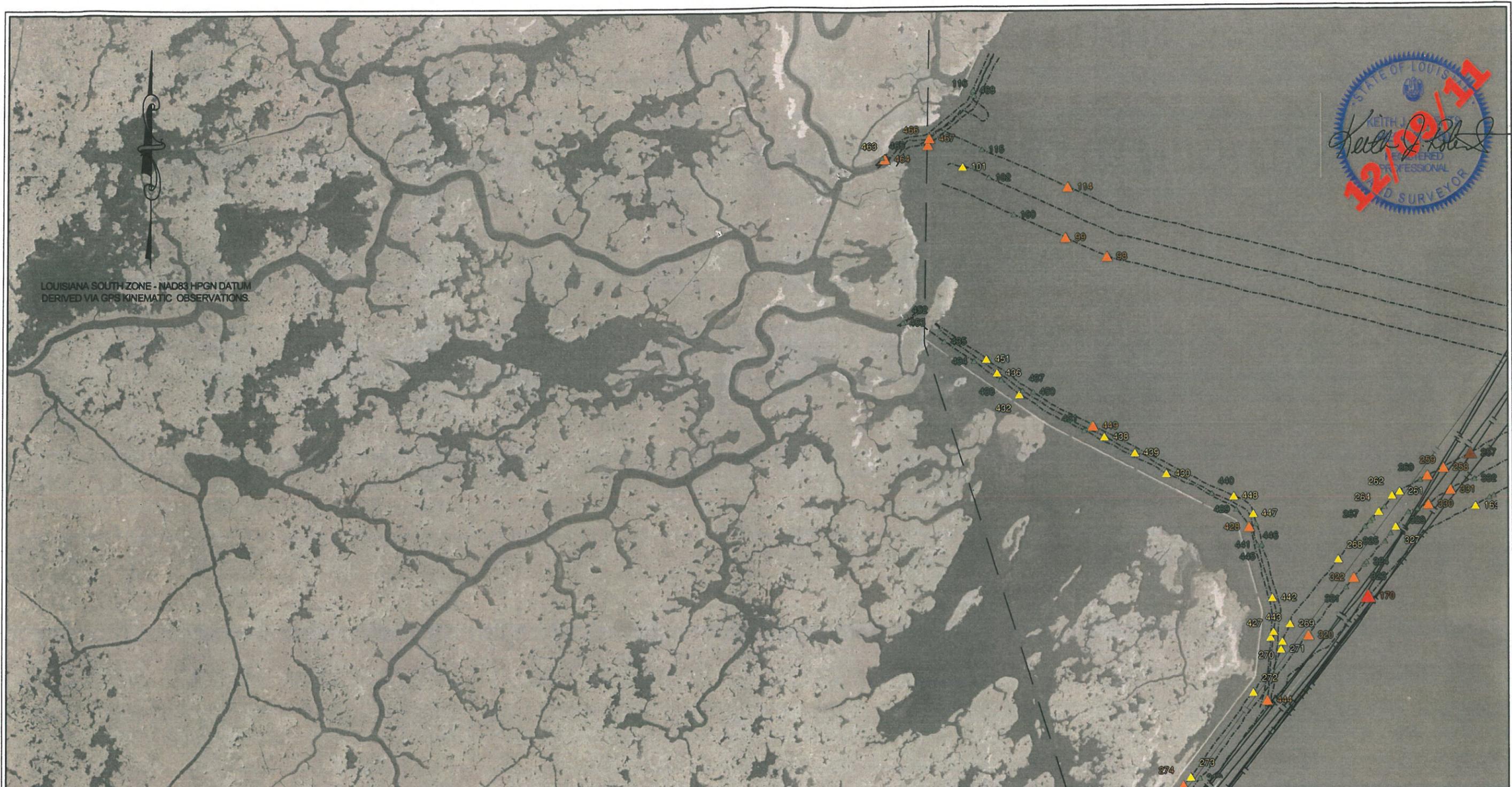
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2010 MAINTENANCE PROJECT
BA-02
MAGNETOMETER SURVEY
LAFOURCHE PARISH, LOUISIANA

SHEET:10 OF 11



LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM
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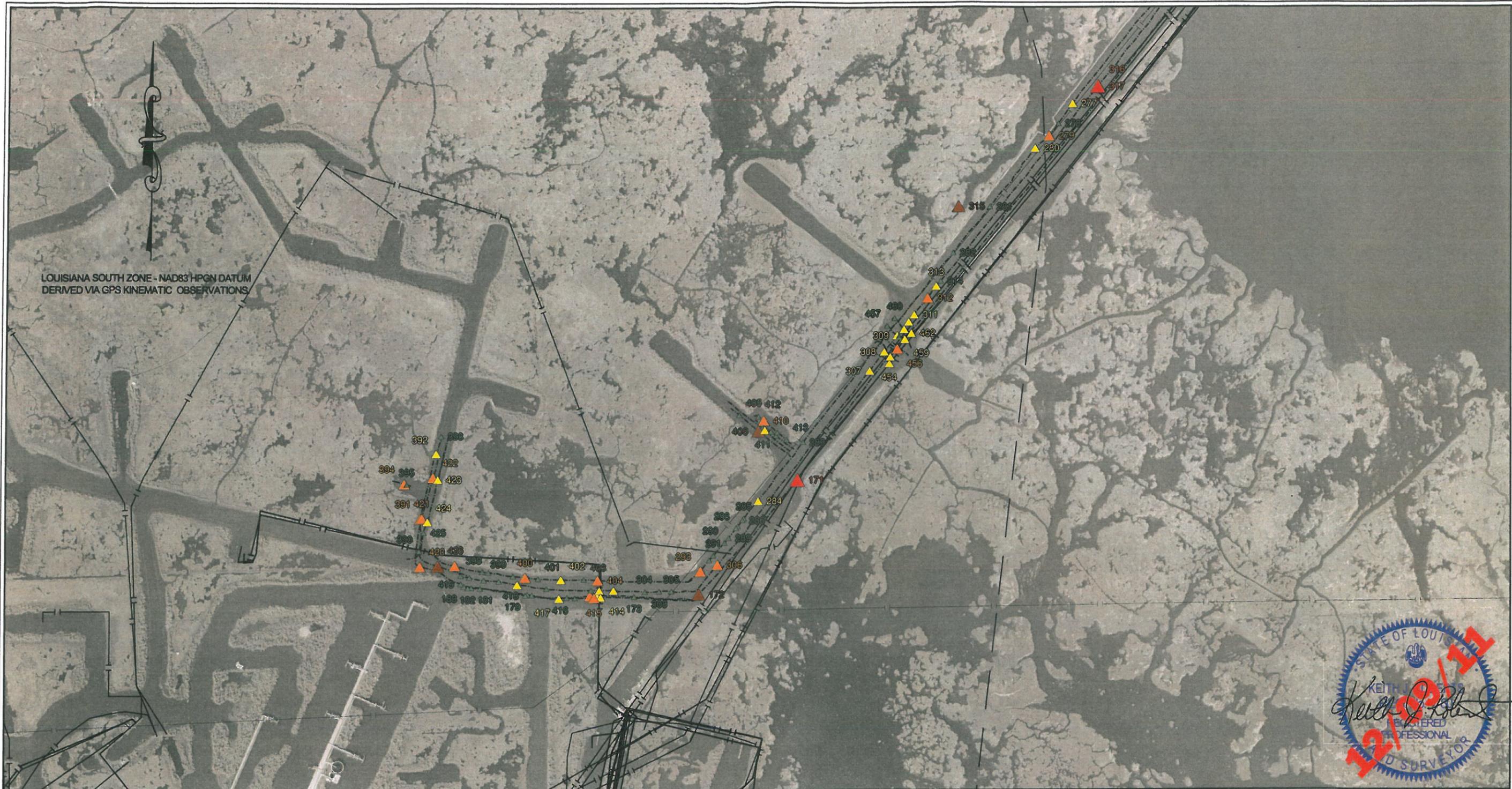
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MAGNETOMETER SURVEY
LAFOURCHE PARISH, LOUISIANA

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2010 MAINTENANCE PROJECT
BA-02
MAGNETOMETER SURVEY
LAFOURCHE PARISH, LOUISIANA

SHEET: 12 OF 17

Ref. #	Line #	Easting	Northing	Signature Amplitude	Signature Type	Signature Width (FT)
1	10	3636543.34	385086.82	77	Dipole	23
2	10	3636726.71	385118.94	510	Dipole	40
3	10	3636691.05	385094.36	94	Monopole	39
4	10	3636755.22	385126.92	109	Dipole	26
5	10	3636907.42	385100.89	28	Monopole	13
6	10	3637147.63	385115.76	60	Monopole	10
7	10	3637163.25	385111.61	42	Monopole	14
8	10	3637308.1	385129	1924	Monopole	64
9	10	3637651.26	385132.36	227	Monopole	19
10	10	3637928.78	385142.48	59	Dipole	45
11	10	3638378.19	385156.73	28	Monopole	17
12	10	3638478.07	385163.5	608	Dipole	21
13	10	3638518.4	385163.5	192	Monopole	50
14	10	3638542.15	385159.4	96	Monopole	38
15	10	3638948.32	385178.32	836	Complex	205
16	10	3639126.45	385187.99	4037	Complex	346
17	10	3639692.77	385214.24	61	Monopole	17
18	10	3639886.83	385217.82	28	Monopole	21
19	10	3640025.51	385220.07	233	Dipole	27
20	10	3641517.01	385287.23	50	Monopole	21
21	10	3641572.51	385289.94	19	Monopole	14
22	10	3641598.05	385289.51	60	Monopole	19
23	10	3641648.56	385282.46	107	Monopole	14
24	10	3641762.09	385269.35	701	Monopole	125
25	10	3641873.82	385272.05	21	Monopole	32
26	10	3642036.88	385262.6	14	Monopole	25
27	10	3642494.67	385250.61	668	Monopole	132
28	10	3642422.18	385256.78	48	Monopole	46
29	10	3643397.55	385223.24	15	Monopole	20
30	10	3643871.56	385184.47	18	Monopole	31
31	10	3644198.19	385182.17	402	Monopole	46
32	10	3644250.54	385179.73	17	Monopole	9
33	10	3644501.42	385163.18	46	Dipole	39
34	10	3644606.72	385160.13	130	Dipole	55
35	10	3644686.84	385161.47	108	Monopole	31
36	10	3645083.04	385191.58	43	Monopole	28
37	10	3645113.64	385183.5	33	Monopole	76
38	10	3645337.65	385254.07	16	Monopole	35
39	10	3645463.53	385288.69	311	Dipole	23
40	10	3645635.26	385324.7	18	Monopole	8
41	9	3646283.51	385483.36	41	Dipole	23
42	9	3646313.22	385487.92	18	Dipole	23
43	9	3647172.18	385467.9	70	Dipole	40
44	9	3646873.31	385382.87	34	Monopole	37
45	9	3646807.5	385365.05	26	Monopole	26

Ref. #	Line #	Easting	Northing	Signature Amplitude	Signature Type	Signature Width (FT)
46	9	3645706.9	385077.89	9	Monopole	39
47	9	3645321.74	384955.35	118	Monopole	57
48	9	3644721.53	384893.61	41	Monopole	38
49	9	3644580.96	384910.9	191	Dipole	44
50	9	3644288.18	384928.62	21	Dipole	19
51	9	3643671.35	384958.71	9	Monopole	21
52	9	3643542.38	384961.8	31	Monopole	32
53	9	3643505.35	384959.12	28	Monopole	49
54	9	3642150.97	385019.48	83	Monopole	32
55	9	3641890.6	385020.82	39	Monopole	35
56	9	3641681.88	385028.87	143	Monopole	193
57	9	3641319.1	385031.53	29	Dipole	57
58	9	3640932.85	385007.47	18	Dipole	63
59	9	3640687.97	384993.51	17	Monopole	25
60	9	3640611.37	384980.35	27	Monopole	21
61	9	3640519.79	384974.56	25	Dipole	44
62	9	3640383.36	384977.87	74	Monopole	96
63	9	3640055.29	384972.5	1207	Complex	674
64	9	3638642.64	384917.87	11	Monopole	21
65	9	3638077.04	384904.33	109	Complex	87
66	9	3637840.38	384891.16	72	Complex	221
67	9	3637271.11	384866.55	87	Complex	140
68	9	3637190.37	384862.47	140	Monopole	46
69	9	3636922.09	384860.43	81	Monopole	104
70	9	3636713.9	384862.06	62	Monopole	12
71	8	3637243.67	385361.15	74	Monopole	48
72	8	3637894.85	385394.45	3439	Complex	873
73	8	3638490.85	385412.39	23	Dipole	41
74	8	3639080.91	385435.03	261	Complex	102
75	8	3639572.13	385452.04	12	Monopole	49
76	8	3640388.63	385484.1	36	Monopole	28
77	8	3640579.41	385497.17	17	Monopole	28
78	8	3641632.7	385516.51	18	Complex	38
79	8	3641749.66	385516.6	314	Monopole	153
80	8	3642206.36	385503.54	22	Monopole	40

Ref. #	Line #	Easting	Northing	Signature Amplitude	Signature Type	Signature Width (FT)
81	8	3642942.6	385481.45	56	Dipole	46
82	8	3643086.37	385478.26	25	Monopole	37
83	8	3643521.85	385456.96	46	Dipole	36
84	8	3643959.48	385440.52	68	Dipole	52
85	8	3644059.39	385433.75	169	Dipole	66
86	8	3644241.59	385444.86	79	Monopole	22
87	8	3644277.27	385439.38	180	Monopole	36
88	8	3644432.19	385418.93	13	Monopole	36
89	8	3644458.6	385417.58	17	Monopole	24
90	8	3644544.91	385418.85	48	Monopole	38
91	8	3645353.21	385472.42	276	Monopole	17
92	8	3647221.33	386231.23	48	Monopole	27
93	8	3647265.06	386276.06	115	Dipole	53
94	11	3638607.76	368451.6	58	Monopole	35
95	11	3638011.28	368518.04	51	Dipole	42
96	11	3637475.19	368630.2	1471	Complex	477
97	11	3637558.2	368610.73	285	Monopole	27
98	11	3633095.43	369722.91	27	Monopole	162
99	11	3632655.41	369921.79	17	Monopole	115
100	11	3632100.06	370163.46	10	Monopole	15
101	13	3631551.37	370666.1	655	Complex	73
102	13	3631831.02	370552.74	20	Monopole	22
103	13	3637700.81	368824.57	434	Complex	497
104	13	3637823.3	368792.99	1196	Monopole	38
105	13	3638416.87	368721.33	170	Complex	57
106	13	3638857	368674.12	62	Complex	123
107	13	3638941	368664.37	17	Monopole	41
108	13	3639123.09	368643.63	34	Dipole	167
109	13	3639619.94	368595.63	23	Monopole	33
110	13	3639813.37	368576.85	63	Dipole	61
111	12	3639324.53	368881.91	17	Monopole	54
112	12	3637884.58	369028.5	1725	Complex	472
113	12	3637635.66	369101.33	203	Complex	151
114	12	3632678.2	370449.64	139	Complex	132
115	12	3631758.63	370845.95	51	Monopole	40



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		PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583	
DATE: 12/09/11	JOB# 2111122	FILE: MAG SURVEY SJB.DWG	SHEET: 13 OF 17

Ref. #	Line #	Easting	Northing	Signature Amplitude	Signature Type	Signature Width (FT)
231	14	3648722.33	371980.68	45	Dipole	45
232	14	3647827.01	371302.61	43	Monopole	0
233	14	3647503.35	371045.57	21	Monopole	47
234	14	3646486.79	370677.36	243	Monopole	20
235	14	3646206.91	370634.11	27	Dipole	1
236	14	3645954.07	370610.2	30	Complex	69
237	14	3645825.19	370567.65	69	Monopole	18
238	14	3645272.01	370454.57	58	Dipole	103
239	14	3644322.26	370279.17	467	Dipole	46
240	14	3643998	370197.19	113	Monopole	49
241	14	3643900.73	370197.45	18	Monopole	54
242	14	3643609.45	370148.81	30	Complex	172
243	14	3643044.32	370033.4	57	Monopole	216
244	14	3642952.79	370012.14	49	Monopole	48
245	14	3642223.43	369711.28	188	Complex	1301
246	14	3641570.32	369432.94	13	Monopole	39
247	14	3641356.61	369344.68	20	Monopole	23
248	14	3641182.39	369278.24	22	Complex	101
249	14	3640576.79	369025.52	23	Dipole	49
250	14	3640338.46	368929.61	319	Complex	292
251	14	3640239.52	368884.3	69	Dipole	54
252	14	3640008.75	368777.11	15	Dipole	56
253	14	3639832.45	368738.21	20	Complex	86
254	14	3639116.63	368515.66	19	Monopole	31
255	14	3638536.53	368357.56	120	Dipole	64
256	14	3637633.37	368010.96	33	Monopole	32
257	14	3636976.42	367648.75	6276	Complex	541
258	14	3636688.04	367500.29	1772	Dipole	289
259	14	3636515.52	367420.39	214	Complex	129
260	14	3636437.25	367373.5	30	Monopole	17
261	14	3636216.04	367255.14	74	Complex	54
262	14	3636136.11	367212.22	21	Dipole	57
263	14	3636054.23	367095.27	68	Complex	49
264	14	3635993.7	367045.15	104	Complex	71
265	14	3635926.51	366975.27	33	Dipole	34
266	14	3635900.95	366946.57	50	Monopole	22
267	14	3635846.07	366890.01	27	Dipole	34
268	14	3635560.5	366552.22	36	Monopole	54
269	14	3635036.87	365878.08	78	Complex	65
270	14	3634954.39	365694.99	109	Dipole	60
271	14	3634939.74	365614.39	27	Dipole	77
272	14	3634643.49	365168.08	66	Complex	65
273	14	3633972.84	364289.88	22	Monopole	71
274	14	3633894.91	364204.07	258	Complex	106
275	14	3633619.68	363876.04	36	Dipole	93

Ref. #	Line #	Easting	Northing	Signature Amplitude	Signature Type	Signature Width (FT)
276	14	3633536.91	363771.04	56	Dipole	60
277	14	3633148.68	363287.91	85	Complex	56
278	14	3632997.76	363079.7	40	Dipole	34
279	14	3632901.03	362953.1	352	Monopole	400
280	14	3632751.59	362824.69	546	Dipole	86
281	14	3632273.45	362216.81	26	Dipole	29
282	14	3631887.49	361738.02	217	Dipole	47
283	14	3630292.75	359772.67	30	Dipole	20
284	14	3629813.46	359164.67	69	Monopole	78
285	14	3629662.94	358983.78	833	Dipole	19
286	14	3629648.87	358965.22	244	Dipole	19
287	14	3629601.52	358902.29	68	Dipole	19
288	14	3629583.92	358880.78	43	Dipole	23
289	14	3629503.62	358780.2	780	Dipole	34
290	14	3629460.36	358730.43	248	Monopole	34
291	14	3629339.3	358597.7	400	Complex	23
292	14	3629294.16	358548.12	468	Dipole	29
293	14	3629200.75	358434.09	10869	Complex	142
294	15	3626662.63	358389.77	187	Monopole	17
295	15	3626755.56	358371.81	15	Monopole	16
296	15	3626909.41	358342.62	23	Monopole	17
297	15	3627068.42	358331.12	33	Monopole	20
298	15	3627263.12	358296.86	478	Monopole	86
299	15	3627570.41	358254.74	36	Monopole	29
300	15	3628043.53	358238.18	44	Monopole	26
301	15	3628133.27	358237.37	421	Monopole	87
302	15	3628283.15	358235.88	467	Monopole	74
303	15	3628613.58	358221.79	37	Dipole	48
304	15	3628762.86	358226.76	187	Dipole	50
305	15	3628890.8	358226.52	22	Dipole	30
306	15	3629384.57	358501.93	5832	Dipole	267
307	15	3631002.72	360513.57	328	Dipole	97
308	15	3631159.58	360710.87	170	Dipole	70
309	15	3631296.16	360878.35	192	Dipole	73
310	15	3631418.18	361020.29	136	Dipole	66

Ref. #	Line #	Easting	Northing	Signature Amplitude	Signature Type	Signature Width (FT)
311	15	3631475.67	361094.44	508	Dipole	81
312	15	3631619.56	361268.27	279	Complex	206
313	15	3631708.76	361391.24	57	Complex	61
314	15	3631755.23	361444.08	79	Monopole	45
315	15	3631941.82	362220.11	315	Dipole	842
316	15	3633415.51	363462.11	233	Dipole	1046
317	15	3633415.51	363464.58	316003	Dipole	36357
318	15	3633752.37	363879.1	62	Monopole	49
319	15	3634071.62	364278.54	228	Monopole	0
320	15	3635231.58	365758.53	77	Dipole	141
321	15	3635643.79	366259.22	40	Dipole	24
322	15	3635725.55	366358.88	101	Monopole	108
323	15	3635835.3	366492.72	71	Dipole	44
324	15	3635860.6	366521.02	65	Dipole	32
325	15	3636057.68	366734.02	390	Dipole	0
326	15	3636118.06	366818.33	42	Monopole	17
327	15	3636174.62	366888.33	35	Monopole	78
328	15	3636309.42	367038.84	17	Monopole	46
329	15	3636406.44	367073.59	31	Monopole	20
330	15	3636524.48	367119.75	2614	Dipole	215
331	15	3636763.63	367270.11	1269	Complex	324
332	15	3637018.79	367381.08	101	Dipole	43
333	15	3638706.08	368147.06	17	Monopole	71
334	15	3640023	368530.62	15	Monopole	49
335	15	3640189.66	368603.68	136	Complex	87
336	15	3640334.1	368659.32	76	Monopole	32
337	15	3640751.69	368833.59	29	Dipole	55
338	15	3641094.84	368975.43	21	Monopole	35
339	15	3641410.06	369098.57	83	Complex	90
340	15	3642216.71	369439.96	655	Monopole	194
341	15	3643152.32	369787	4505	Complex	2103
342	15	3643059.36	369795.86	1423	Dipole	58
343	15	3644261.63	370023.32	16	Dipole	28
344	15	3644598.74	370068.06	33	Dipole	31
345	15	3644869.37	370124.05	19	Monopole	25



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DQSI LLC

HYDROTERRA TECHNOLOGIES, LLC
LAND SURVEY AND HYDROGRAPHIC SOLUTIONS

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

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GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT
BA-02
MAGNETOMETER SURVEY
LAFORCHE PARISH, LOUISIANA

SHEET: 15 OF 17

Ref. #	Line #	Easting	Northing	Signature Amplitude	Signature Type	Signature Width (FT)
346	15	3644923.17	370129.37	25	Monopole	68
347	15	3645374.19	370211.57	170	Dipole	55
348	15	3646509.83	370454.95	20	Monopole	19
349	15	3647012.17	370523.27	286	Monopole	75
350	15	3649474.12	372249.24	2252	Dipole	418
351	15	3649537.06	372464.01	154	Dipole	141
352	15	3649548.14	372875.48	46	Dipole	33
353	15	3649569.49	373725.41	54	Complex	91
354	15	3649562.18	373854.5	185	Monopole	89
355	15	3649564.62	373911.66	26	Dipole	39
356	15	3649578.58	374197.2	106	Dipole	124
357	15	3649641.93	376145.69	30	Dipole	36
358	15	3649147.55	377911.71	291	Dipole	211
359	15	3649060.4	378140.69	36	Monopole	32
360	15	3648923.41	378479.33	72	Dipole	41
361	15	3648575.86	379332.47	34	Dipole	43
362	15	3648561.9	379364.81	153	Dipole	43
363	15	3648309.5	380022.53	17	Dipole	27
364	15	3648004.4	380857.35	41	Monopole	19
365	15	3647984.4	381154.93	57	Dipole	29
366	15	3647957.32	381749.92	2658	Complex	325
367	15	3647936.38	381881.44	468	Complex	89
368	15	3647934.24	382061.69	16	Dipole	26
369	15	3647885.72	382743.18	2691	Complex	265
370	15	3647839.59	383287.98	1879	Dipole	160
371	15	3647824.65	383635.7	2149	Complex	302
372	15	3647806.09	383876.63	173	Dipole	49
373	15	3647788.75	384179.26	15	Dipole	31
374	15	3647777.42	384258.68	19	Monopole	18
375	15	3647773.94	384292.01	87	Dipole	54
376	15	3647756.15	384762.79	16	Monopole	36
377	14	3647729.81	385054.45	95	Dipole	36
378	14	3647687.35	385427.89	301	Dipole	29
379	14	3647667.6	385942.52	13	Monopole	21
380	15	3647650.13	386499.58	28	Monopole	27
381	15	3649170.56	389570.12	19	Monopole	33
382	15	3649540.97	389761.91	15	Monopole	100
383	15	3649658.83	389822.94	15	Monopole	95
384	15	3650071.02	390064.07	261	Dipole	75
385	15	3650177.98	390057.01	44	Dipole	53
386	15	3650649.93	390060.17	16	Monopole	145
387	15	3651161.66	390064.65	47	Monopole	281
388	15	3651292.39	390061.34	85	Monopole	71
389	15	3652179.85	390065.84	120	Monopole	163
390	7	3626219.69	358644.66	73	Monopole	32

Ref. #	Line #	Easting	Northing	Signature Amplitude	Signature Type	Signature Width (FT)
391	7	3626229.18	358980.22	1092	Dipole	145
392	7	3626394.34	359658.41	237	Monopole	99
393	7	3626448.3	359840.92	251	Dipole	42
394	57	3626058.1	359342.77	2296	Monopole	128
395	57	3626082.91	359336.6	1098	Dipole	21
396	14	3626599.21	358492.7	4057	Dipole	191
397	14	3626892.11	358434.1	81	Monopole	32
398	14	3626958.03	358424.38	45	Monopole	31
399	14	3627216.83	358384.45	88	Dipole	43
400	14	3627343.78	358371.65	52	Complex	137
401	14	3627481.06	358357.3	52	Dipole	26
402	14	3627722.47	358348.24	480	Monopole	98
403	14	3627966.7	358349.8	74	Complex	46
404	14	3628114.27	358344.03	1095	Complex	123
405	6	3629613.01	360057.71	25	Monopole	37
406	6	3629814.8	359889.07	69	Monopole	586
407	59	3629881.9	359899.68	3629	Dipole	80
408	60	3630001.57	359840.93	961	Monopole	48
409	60	3629949.74	359882.49	2058	Monopole	9
410	61	3629870.4	359997.61	2632	Monopole	217
411	61	3630015.4	359874.79	126	Monopole	38
412	61	3629812.55	360042.12	105	Dipole	34
413	61	3630113.1	359799.38	59	Dipole	25
414	7	3628146.73	358166.65	141	Monopole	63
415	7	3628075.71	358160	3012	Monopole	116
416	7	3627872.83	358156.65	66	Monopole	18
417	7	3627704.86	358152.74	342	Monopole	84
418	7	3627348.63	358185.5	280	Dipole	38
419	7	3626663.93	358304.93	83	Monopole	32
420	7	3626227.38	358485.09	571	Complex	407
421	7	3626245.66	358985.75	1761	Dipole	146
422	7	3626362.92	359410.6	32	Monopole	129
423	15	3626413.14	359389.84	521	Monopole	69
424	15	3626304.64	358949.63	171	Complex	88
425	15	3626267.43	358839.01	105	Dipole	36

Ref. #	Line #	Easting	Northing	Signature Amplitude	Signature Type	Signature Width (FT)
426	15	3626416.45	358489.95	231	Complex	738
427	64	3634830.49	365739.26	167	Complex	83
428	64	3634603.42	366892.11	595	Complex	132
429	64	3634466.73	367076.52	39	Monopole	20
430	64	3633722.86	367454.18	414	Dipole	85
431	64	3632850.43	367909.15	69	Monopole	28
432	64	3632158.97	368291.84	120	Dipole	52
433	64	3631962.14	368446.42	48	Monopole	24
434	64	3631671.41	368641.59	26	Monopole	24
435	64	3631354.42	368848.37	37	Monopole	14
436	63	3631920.39	368518.39	321	Monopole	88
437	63	3632191.17	368330.91	149	Dipole	41
438	63	3633065.1	367842.28	160	Complex	97
439	63	3633388.13	367674.96	41	Dipole	64
440	63	3634207.74	367245.14	41	Dipole	40
441	63	3634689.45	366702.9	28	Dipole	44
442	63	3634850.57	366151.41	80	Dipole	78
443	63	3634859.6	365797.86	74	Dipole	71
444	63	3634791.57	365083.95	415	Dipole	201
445	19	3634737.78	366701.81	65	Dipole	45
446	19	3634677.58	366920.78	52	Monopole	24
447	19	3634647.34	367030.47	30	Monopole	73
448	19	3634441.28	367214	37	Dipole	61
449	19	3632943.4	367956.85	147	Complex	201
450	19	3632306.55	368317.15	19	Monopole	24
451	19	3631805.51	368662.5	11	Monopole	70
452	18	3630942.56	369051.15	408	Monopole	38
453	17	3630918.56	369045.86	117	Monopole	43
454	1	3631214.1	360589.34	3452	Dipole	93
455	2	3631223.02	360658.37	1588	Monopole	97
456	4	3631298.02	360740.59	826	Monopole	111
457	6	3631188	360980.01	365	Monopole	7
458	6	3631314.16	360870.28	502	Monopole	50
459	6	3631378.29	360840.02	1056	Monopole	82
460	8	3631267.89	361055.81	700	Complex	25



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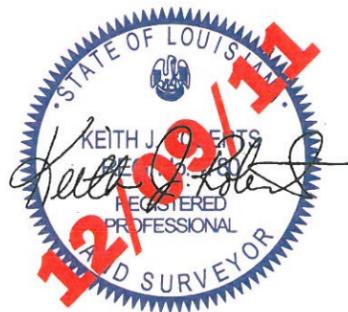
GIWW TO CLOVELLY HYDROLOGIC RESTORATION
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LAFORCHE PARISH, LOUISIANA

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

FILE: MAG SURVEY SJB.DWG

SHEET: 16 OF 17

Ref. #	Line #	Easting	Northing	Signature Amplitude	Signature Type	Signature Width (FT)
461	8	3631369.86	360942.7	638	Monopole	66
462	8	3631445.46	360902.2	1938	Monopole	66
461	8	3631369.86	360942.7	638	Monopole	66
462	8	3631445.46	360902.2	1938	Monopole	66
463	11	3630733.02	370739.12	1935	Monopole	79
464	12	3630726.36	370751.79	582	Monopole	111
465	13	3630699.46	370764.72	240	Monopole	32
466	14	3630699.46	3630699.5	290	Monopole	114
467	15	3631198.33	370963.86	1614	complex	129
468	16	3631660.64	371461.75	988	dipole	22
469	16	3630826.81	370814.93	142	dipole	100



REVISED BY:	DATE:	 	GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010 MAINTENANCE PROJECT BA-02 MAGNETOMETER SURVEY LAFOURCHE PARISH, LOUISIANA
PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583			
DATE: 12/09/11	JOB# 2111122	FILE: MAG SURVEY SJ.B.DWG	SHEET: 17 OF 17



STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

December 7, 2011

Submittal
Preconstruction Survey Structure 14A

PROJECT (BA-02)

Submitted To:
State of Louisiana
Office of State Purchasing
1201 N. Third Street
Baton Rouge, LA 70802

Contractor:
DQSI Corporation (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

**REVIEWED FOR GENERAL
COMPLIANCE WITH
CONTRACT DOCUMENTS**

NO RESPONSIBILITY IS ASSUMED FOR QUANTITIES OR FOR CORRECTNESS OF DIMENSIONS OR DETAILS.

THIS REVIEW IS SUBJECT TO ALL TERMS AND CONDITIONS OF THE CONTRACT DOCUMENTS WITH SPECIAL REFERENCE TO WARRANTY REQUIREMENTS CONTAINED THEREIN. THE CONTRACTOR SHALL OBTAIN A CERTIFICATION FROM ALL SUPPLIERS AND/OR SUBCONTRACTORS THAT THEY ARE AWARE OF AND ARE ABIDING BY WARRANTY REQUIREMENTS OF THE CONTRACT DOCUMENTS.

NO EXCEPTIONS TAKEN	<input checked="" type="checkbox"/>
MAKE CORRECTIONS NOTED	<input type="checkbox"/>
REVISE & RESUBMIT	<input type="checkbox"/>
REJECTED, SEE REMARKS	<input type="checkbox"/>

GSE ASSOCIATES, LLC

BY *UPB* DATE *12/12/2011*

DQSI Corporation

Approved with corrections as noted on
Approved data and/or sheet(s)
Submittal data

SIGNATURE: _____
TITLE: _____
DATE: 12/7/2011



STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

December 7, 2011

Submittal
Preconstruction Survey Structure 14A

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DQSI Corporation

Approved with corrections as noted on
Submittal data and/or sheet(s)

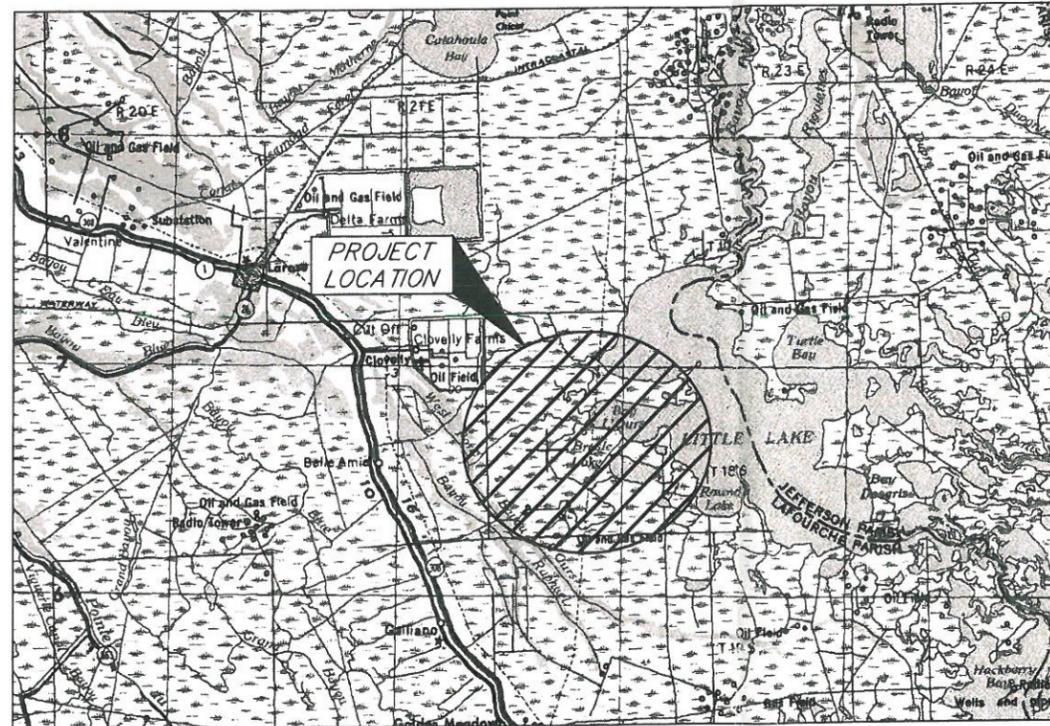
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TITLE: _____
DATE: 12/7/2011

DQSI, LLC.

PRE-CONSTRUCTION SURVEY
STRUCTURE 14A

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT (BA-02)

LAFOURCHE PARISH, LA



VICINITY MAP
(N.T.S.)

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	TITLE PAGE
2	PLAN VIEW
3 - 6	CROSS SECTIONS
7	CENTERLINE PROFILE



THIS MAP REPRESENTS AN ACTUAL FIELD SURVEY MADE UNDER DIRECT SUPERVISION OF THE UNDERSIGNED.

KEITH J. ROBERTS, PLS # 4780
202 JACOBS RUN
SCOTT, LA. 70583
(337) 706-8219

REVISED BY:	DATE:
PLAN SCALE SCALE: NTS	
DATE: 12/07/11	JOB# 2111122



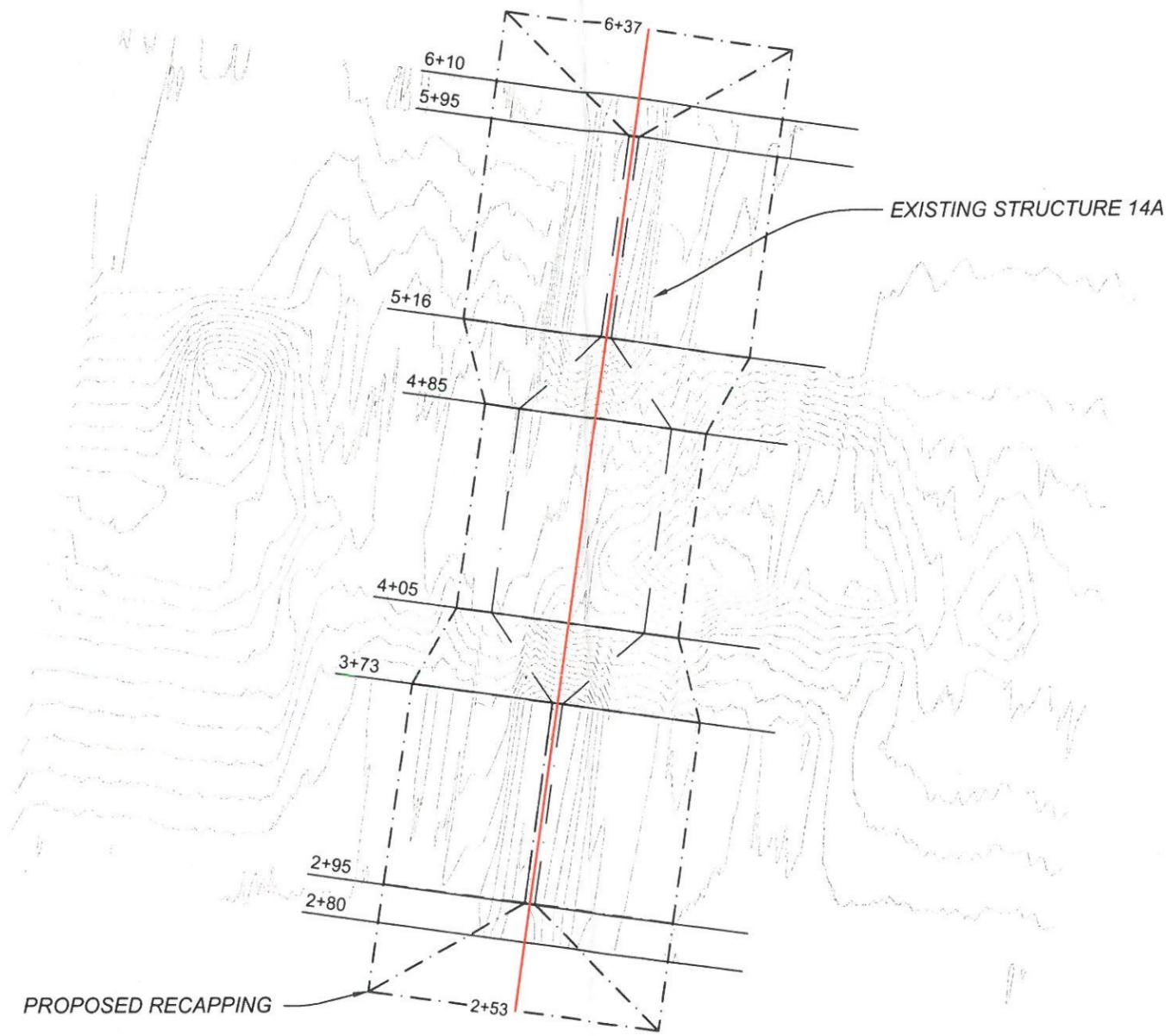
PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
STRUCTURE 14A
TITLE PAGE
LAFOURCHE PARISH, LA.

FILE: Pre Construction Survey (Structure 14A).dwg

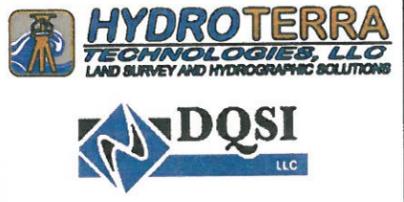
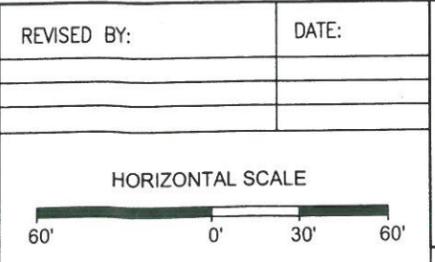
SHEET: 1 OF 7

LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM



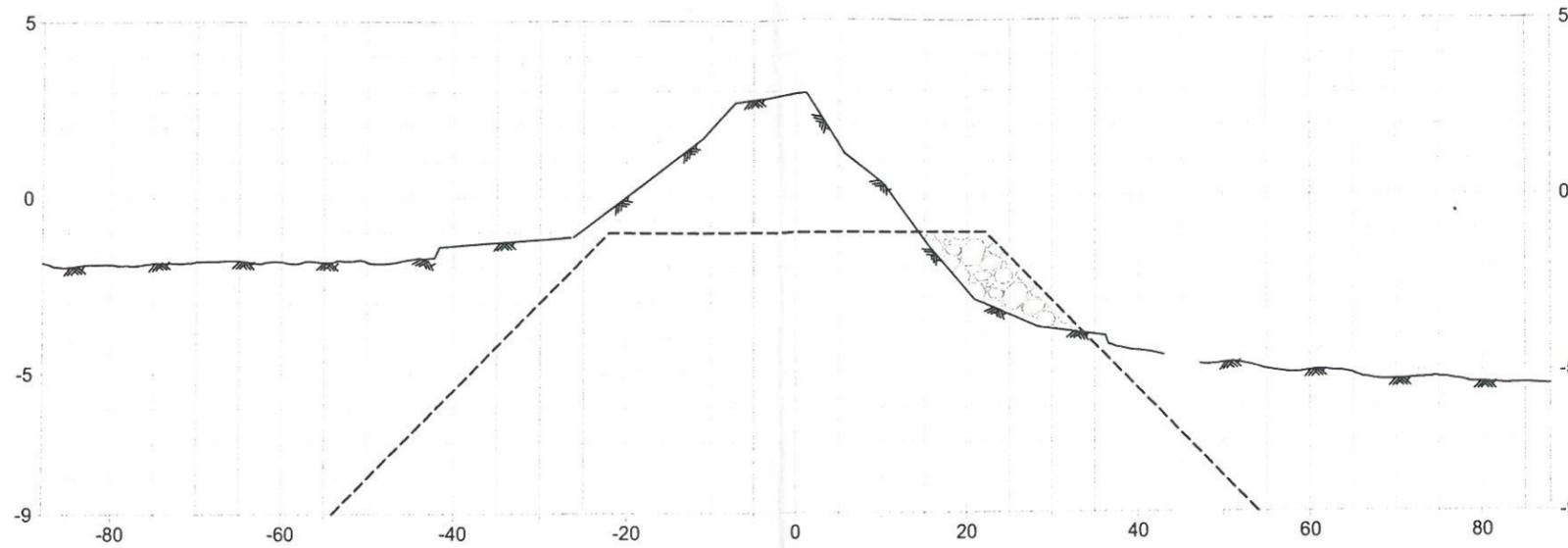
- NOTES:
1. ALL HORIZONTAL COORDINATES ARE BASED ON LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM, US SURVEY FOOT AS DERIVED FROM PROJECT CONTROL VIA GPS KINEMATIC OBSERVATIONS.
 2. ELEVATIONS ARE BASED ON NAVD 88 US SURVEY FEET (GEOID 03 (2004.65)) AS DERIVED FROM PROJECT CONTROL.
 3. TOPOGRAPHIC SURVEY DATA ACQUISITION PERFORMED WITH RTK SURVEY METHODS.
 4. HYDROGRAPHIC SURVEY DATA ACQUISITION PERFORMED USING A 200kHz ODOM ECHOTRACK TRANSDUCER INTEGRATED WITH RTK TIDES.
 5. THIS DRAWING INDICATES GENERAL CONDITIONS AT THE TIME OF SURVEY.
 6. PRE-CONSTRUCTION SURVEY DATA ACQUISITION WAS PERFORMED NOVEMBER 21 - 23, 2011 and DECEMBER 1-6, 2011.

LEGEND	
	BASELINE
	0+00 CROSS SECTION
	PROPOSED RECAPPING

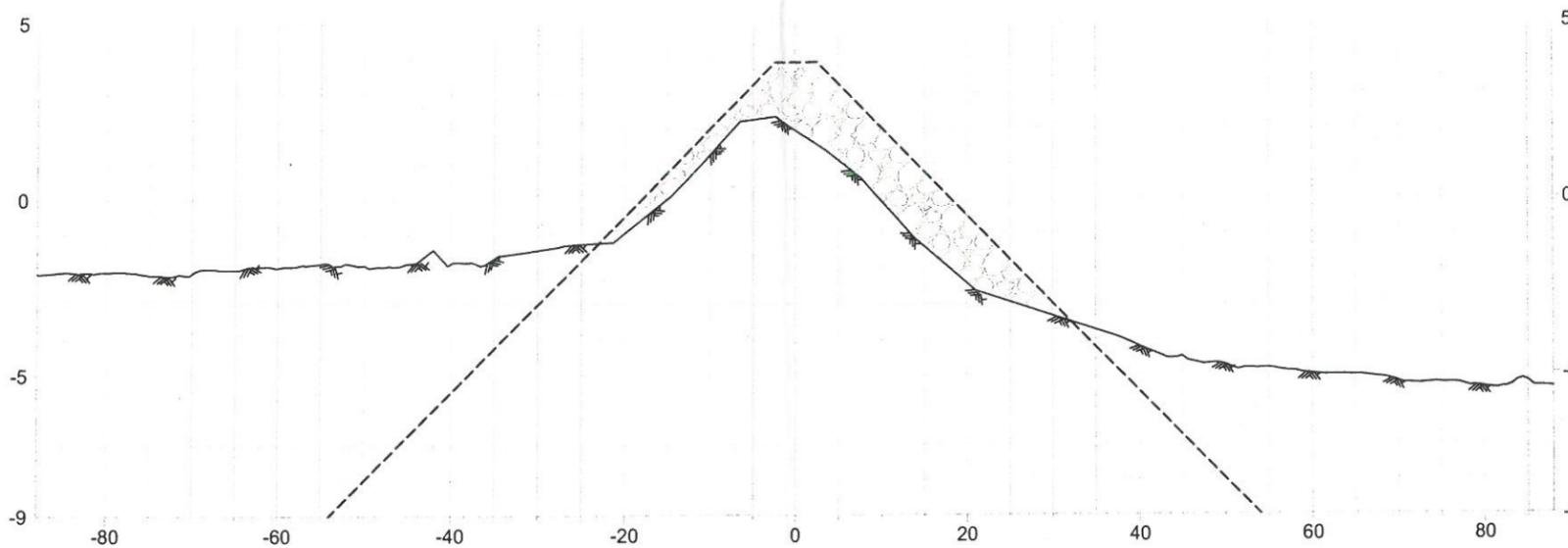


GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
 PRE-CONSTRUCTION SURVEY
 STRUCTURES 14A
 PLAN VIEW
 LAFORCHE PARISH, LA.

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583
 DATE: 12/07/11 JOB# 2111122 FILE: Pre Construction Survey (Structure 14A).dwg SHEET: 2 OF 7



STA. 2+80



STA. 2+95



LEGEND

-  PRE-CONSTRUCTION SURVEY
-  STRUCTURE 14A RECAPPING
-  FILL MATERIAL (250 LB ROCK RIP RAP)

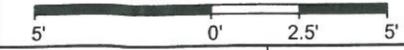
REVISED BY:

DATE:

HORIZONTAL SCALE



VERTICAL SCALE



DATE: 12/07/11

JOB# 2111122

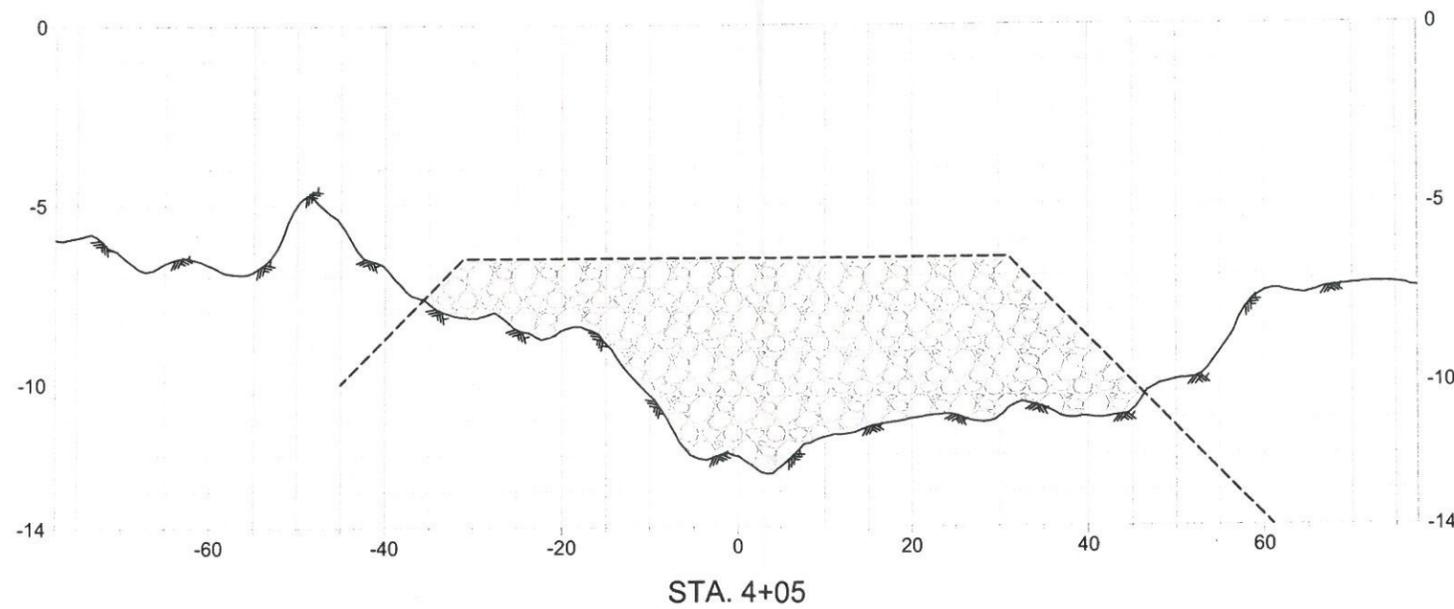
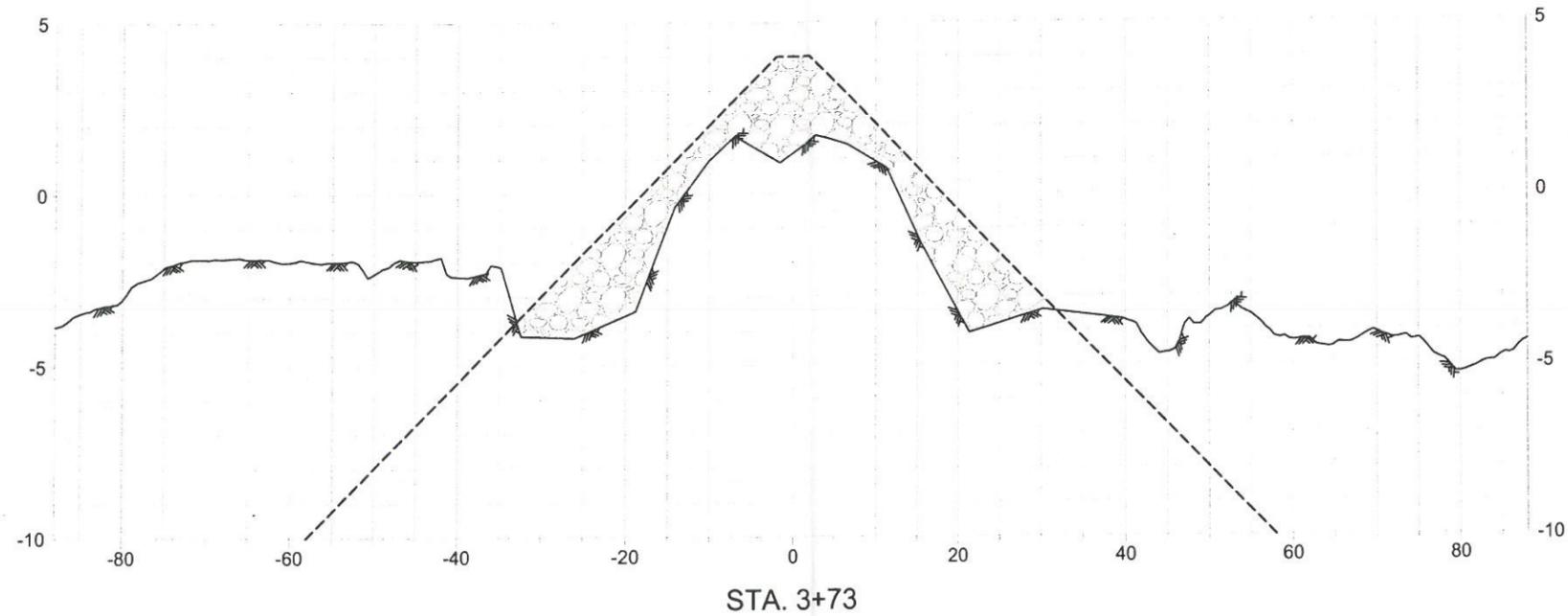


PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

FILE: Pre Construction Survey (Structure 14A).dwg

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
STRUCTURE 14A RECAPPING SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.

SHEET: 3 OF 7



LEGEND

-  PRE-CONSTRUCTION SURVEY
-  STRUCTURE 14A RECAPPING
-  FILL MATERIAL
(250 LB ROCK RIP RAP)

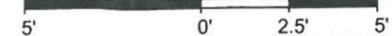
REVISED BY:

DATE:

HORIZONTAL SCALE



VERTICAL SCALE



DATE: 12/07/11

JOB# 2111122



PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

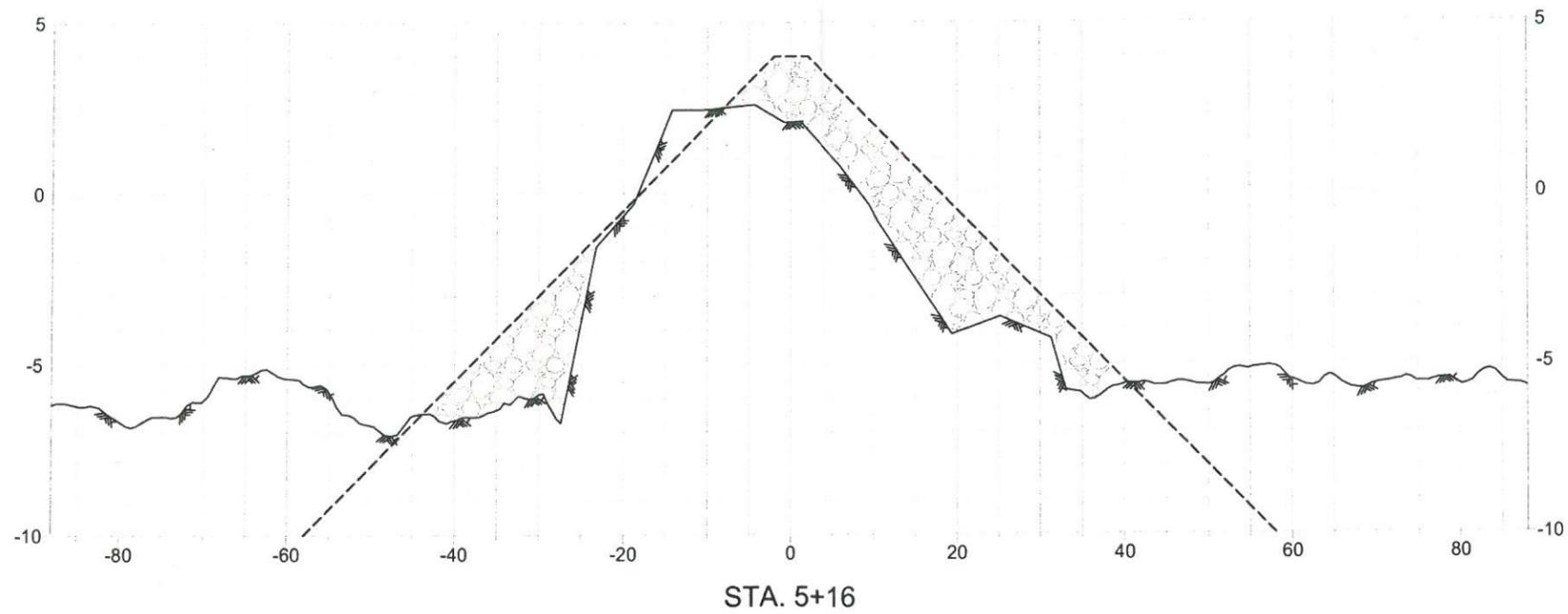
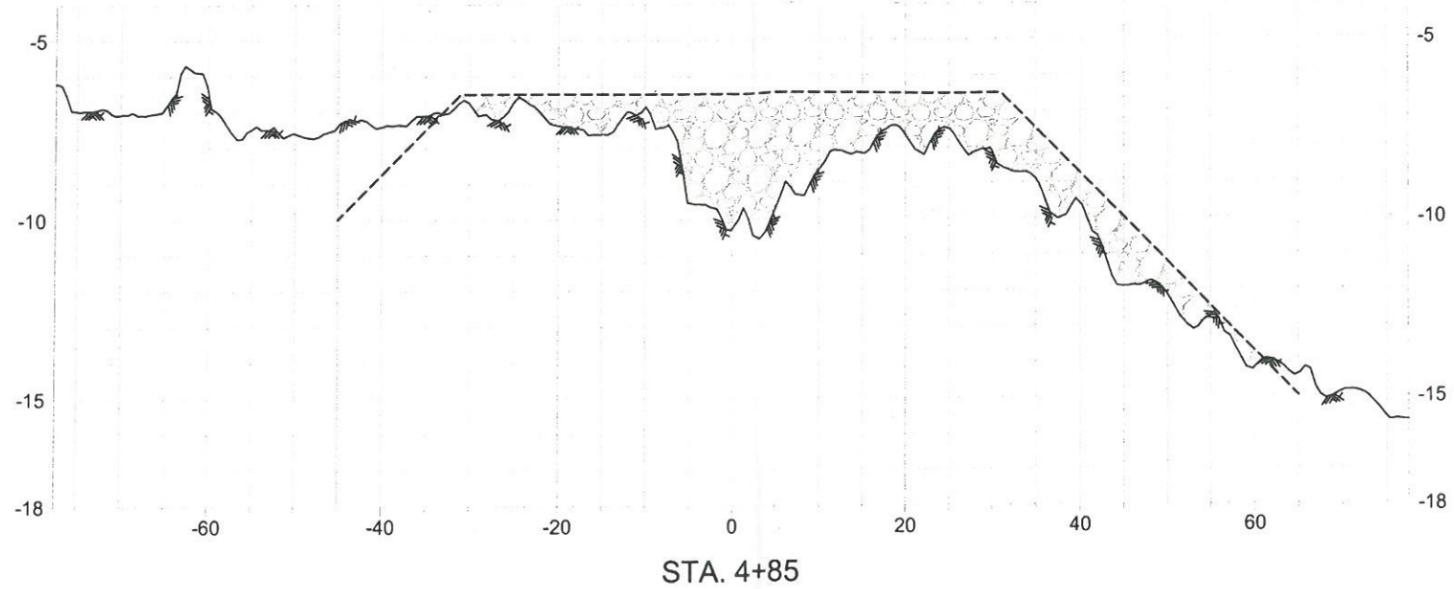
FILE: Pre Construction Survey (Structure 14A).dwg

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT (BA-02)

PRE-CONSTRUCTION SURVEY
STRUCTURE 14A RECAPPING SECTIONS

SECTION VIEWS
LAFOURCHE PARISH, LA.

SHEET: 4 OF 7



LEGEND	
	PRE-CONSTRUCTION SURVEY
	STRUCTURE 14A RECAPPING
	FILL MATERIAL (250 LB ROCK RIP RAP)

REVISED BY:	DATE:
HORIZONTAL SCALE	
VERTICAL SCALE	
DATE: 12/07/11	JOB# 2111122

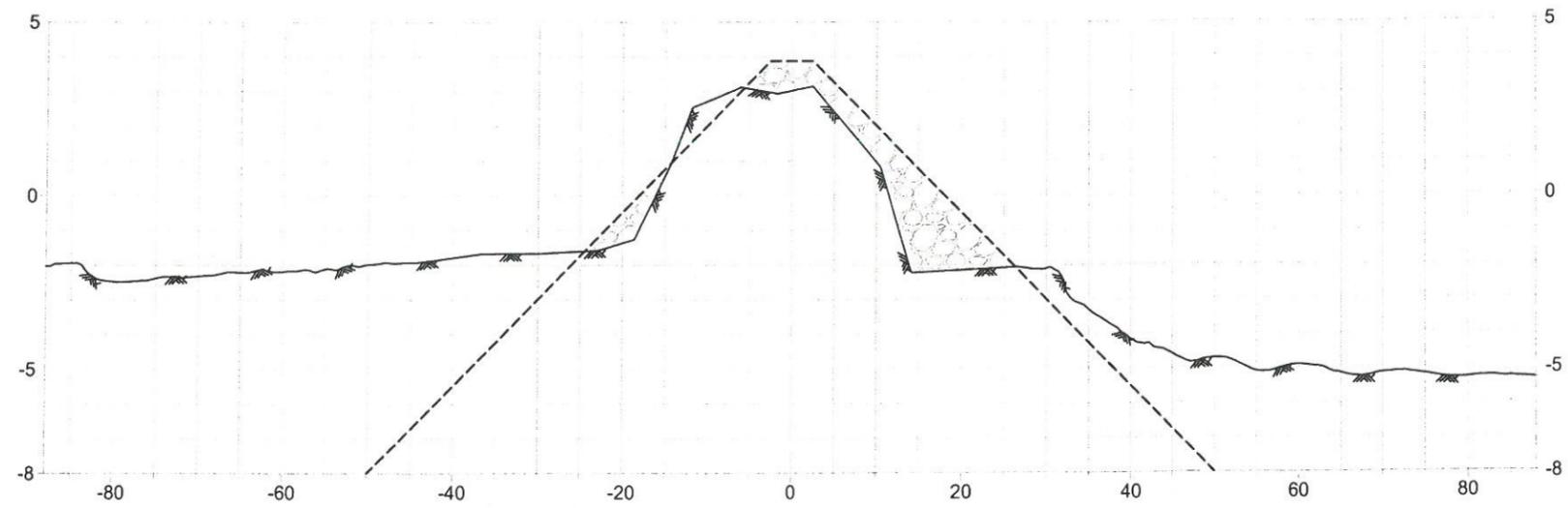
HYDROTERRA
 TECHNOLOGIES, LLC
LAND SURVEY AND HYDROGRAPHIC SOLUTIONS

DQSI
 LLC

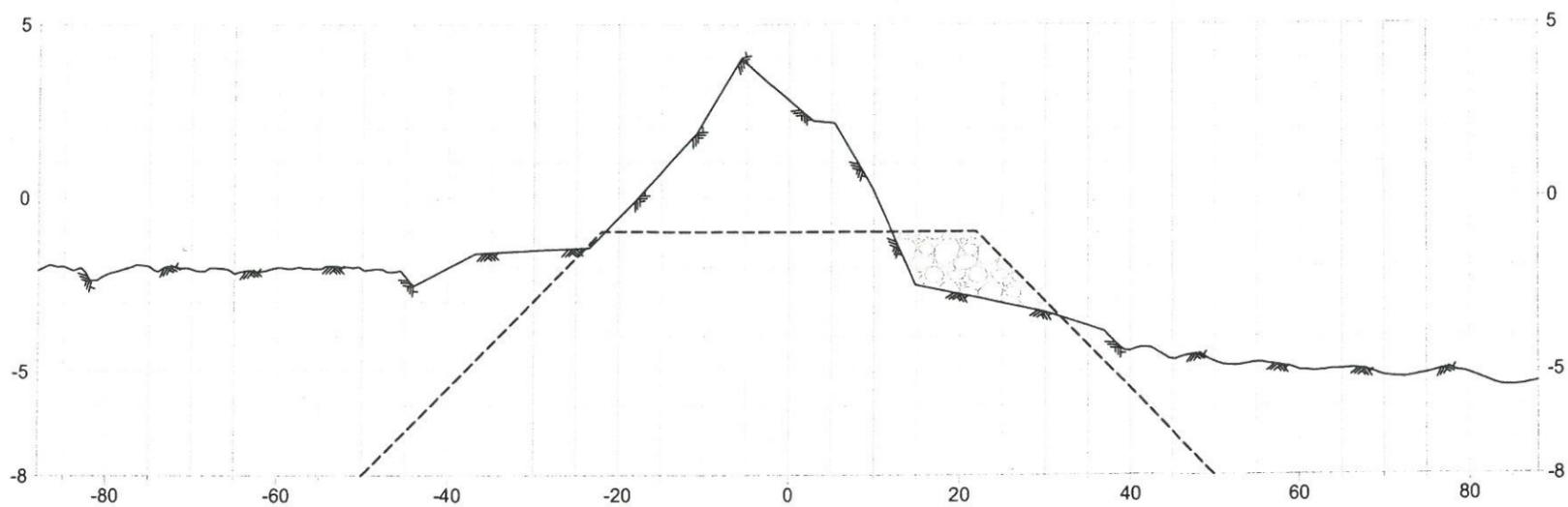
PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583
 FILE: Pre Construction Survey (Structure 14A).dwg

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
STRUCTURE 14A RECAPPING SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.

SHEET: 5 OF 7

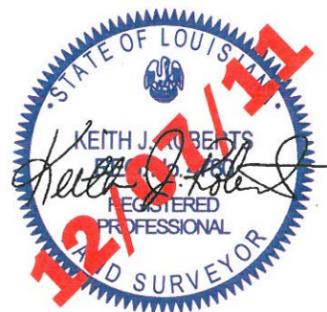


STA. 5+95



STA. 6+10

Structure 14A Recapping Fill Volume Table			
Station	Area	Volume	Cumulative Volume
2+79.87	21.98	0.00	0.00 (CuYds)
2+94.62	73.35	26.05	26.05 (CuYds)
3+73.50	120.68	283.41	309.46 (CuYds)
4+05.00	291.59	240.49	549.95 (CuYds)
4+85.00	134.63	631.42	1181.37 (CuYds)
5+16.50	139.45	159.88	1341.25 (CuYds)
5+95.38	46.09	271.02	1612.26 (CuYds)
6+09.97	23.53	18.82	1631.08 (CuYds)
TONNAGE = (1.5 X 1631.08)			2,446.62 TONS



LEGEND

- PRE-CONSTRUCTION SURVEY
- STRUCTURE 14A RECAPPING
- FILL MATERIAL (250 LB ROCK RIP RAP)

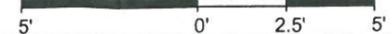
REVISED BY:

DATE:

HORIZONTAL SCALE



VERTICAL SCALE



DATE: 12/07/11

JOB# 2111122



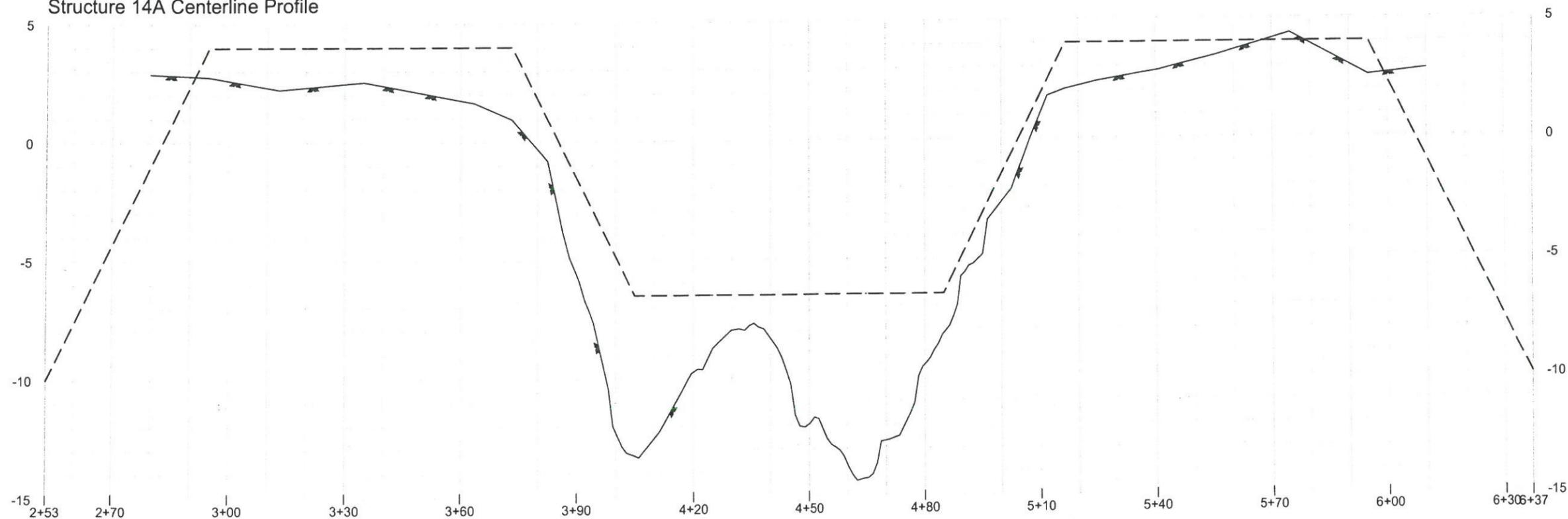
PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

FILE: Pre Construction Survey (Structure 14A).dwg

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
STRUCTURE 14A RECAPPING SECTIONS
SECTION VIEWS
LAFOURCHE PARISH, LA.

SHEET: 6 OF 7

Structure 14A Centerline Profile



LEGEND

- x — PRE-CONSTRUCTION SURVEY
- - - STRUCTURE 14A RECAPPING

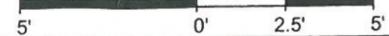
REVISED BY:

DATE:

HORIZONTAL SCALE



VERTICAL SCALE



DATE: 12/07/11

JOB# 2111122



PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

FILE: Pre Construction Survey (Structure 14A).dwg

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
 PRE-CONSTRUCTION SURVEY
 STRUCTURE 14A CENTERLINE PROFILE
 PROFILE VIEW
 LAFOURCHE PARISH, LA.

SHEET: 7 OF 7



19218 North 5th Street · Covington, LA 70433
Phone (985) 871-7472 · Fax (985) 871-1072
www.DQSI.com

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

December 16, 2011

Submittal

Pre-Construction Survey
Breach Closure

PROJECT (BA-02)

Submitted To:
State of Louisiana
Office of State Purchasing
1201 N. Third Street
Baton Rouge, LA 70802

Contractor:
DQSI, LLC (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

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NO EXCEPTIONS TAKEN	<input checked="" type="checkbox"/>
MAKE CORRECTIONS NOTED	<input type="checkbox"/>
REVISE & RESUBMIT	<input type="checkbox"/>
REJECTED, SEE REMARKS	<input type="checkbox"/>

GSE ASSOCIATES, LLC

BY LBP DATE 12/19/2011

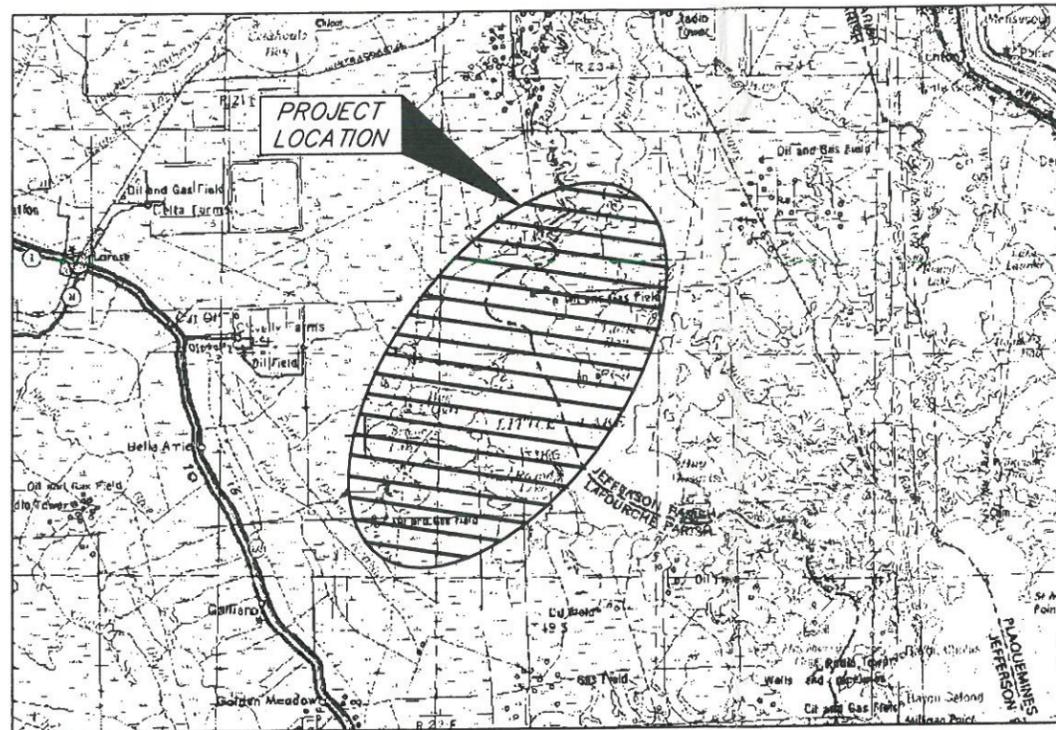
DQSI Corporation

Approved Approved with corrections as noted on Submittal data and/or sheet(s)

SIGNATURE: [Signature]
TITLE: _____
DATE: 12/16/2011

DQSI, INC.
 PRE-CONSTRUCTION BREACH CLOSURES SURVEY
**GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT**
 SOLICITATION/CONTRACT NO.: BA-02

LAFOURCHE PARISH, LA



INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	TITLE PAGE
2	PROJECT OVERVIEW
3	BREACH 1
4	BREACH 2
5	BREACH 3
6	BREACH 4
7	BREACH 5



THIS MAP REPRESENTS AN ACTUAL FIELD SURVEY MADE UNDER DIRECT SUPERVISION OF THE UNDERSIGNED.

Keith J. Roberts

KEITH J. ROBERTS, PLS # 4780
 202 JACOBS RUN
 SCOTT, LA. 70583
 (337) 706-8219

REVISED BY:	DATE:
VICINITY MAP (N.T.S.)	
DATE: 12/16/11	JOB# 2111122



PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

**GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT
 BA-02**
**BREACH CLOSURE
 TOPOGRAPHIC SURVEY**
 LAFOURCHE PARISH, LOUISIANA

FILE: DQSI-GIWW TO CLOVELLY HYDROLOGIC RESTORATION-BREACH CLOSURE.DWG

SHEET: 1 OF 7



LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM
DERIVED VIA GPS KINEMATIC OBSERVATIONS.

BREACH 4

BREACH 5

BREACH 2

BREACH 3

BREACH 1

NOTES

1. ALL HORIZONTAL COORDINATES ARE BASED ON LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM, US SURVEY FOOT AS DERIVED FROM PROJECT CONTROL VIA GPS KINEMATIC OBSERVATIONS.
2. ELEVATIONS ARE BASED ON NAVD 88 US SURVEY FEET (GEOID 03) AS DERIVED FROM PROJECT CONTROL.
3. TOPOGRAPHIC SURVEY DATA ACQUISITION PERFORMED WITH RTK AND CONVENTIONAL SURVEY METHODS.
4. THIS DRAWING INDICATES GENERAL CONDITIONS AT THE TIME OF SURVEY.
5. MAGNETOMETER SURVEY DATA ACQUISITION WAS PERFORMED ON NOVEMBER 21, 22, AND DECEMBER 6, 2011.

LEGEND

- APPROX. PIPELINE LOCATION (DNR DATABASE/DIGITIZED FROM PROJECT PLANS)
- MAG SURVEY ROUTE
- APPROXIMATE OVERHEAD POWER LINE LOCATION (DNR DATABASE)

REVISED BY:

DATE:

HORIZONTAL SCALE



DATE: 12/16/11

JOB# 2111122



PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

FILE: DQSI-GIWW TO CLOVELLY HYDROLOGIC RESTORATION-BREACH CLOSURE.DWG

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT

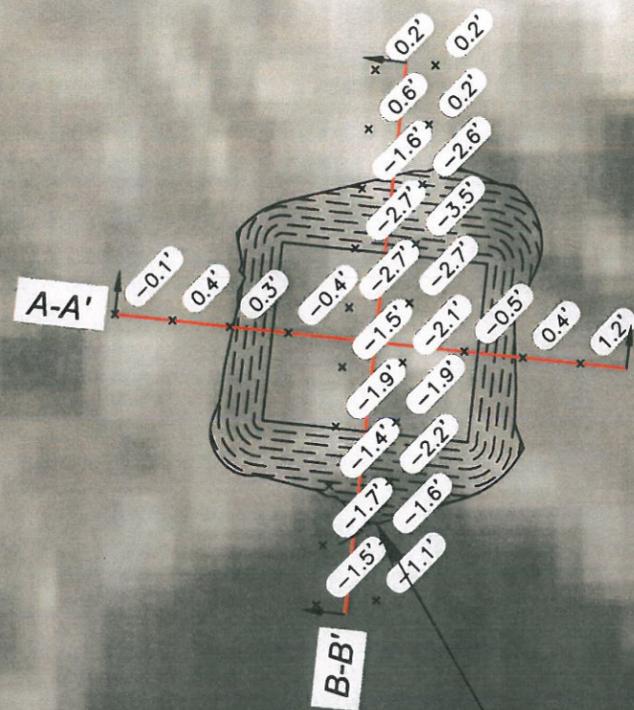
BA-02

PROJECT OVERVIEW

LAFORCHE PARISH, LOUISIANA

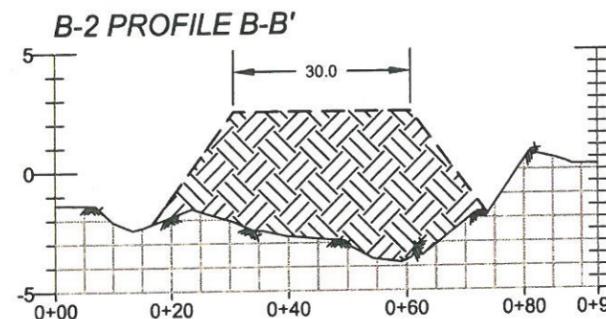
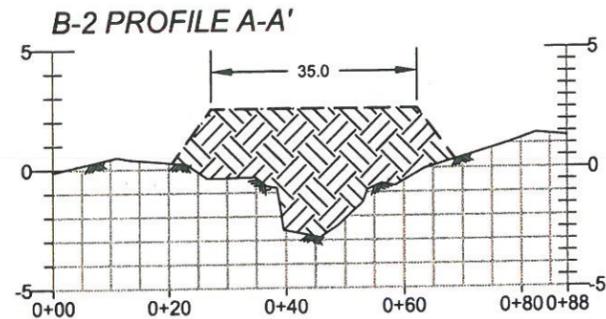
SHEET: 2 OF 7





"PLUGGED AND ABANDONED WELL"
CASING TOP (6' COV.)

LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM
DERIVED VIA GPS KINEMATIC OBSERVATIONS.



TEMPLATE VOLUME

Cut Factor 1.000
 Fill Factor 1.000
 Cut volume (adjusted) 0.000 Cu. Yd.
 Fill volume (adjusted) 255.766 Cu. Yd.
 Net volume (adjusted) 255.766 Cu. Yd.<Fill>
 Cut volume (unadjusted) 0.000 Cu. Yd.
 Fill volume (unadjusted) 255.766 Cu. Yd.
 Net volume (unadjusted) 255.766 Cu. Yd.<Fill>



- NOTES**
1. ALL HORIZONTAL COORDINATES ARE BASED ON LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM, US SURVEY FOOT AS DERIVED FROM PROJECT CONTROL VIA GPS KINEMATIC OBSERVATIONS.
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 3. TOPOGRAPHIC SURVEY DATA ACQUISITION PERFORMED WITH RTK AND CONVENTIONAL SURVEY METHODS.
 4. THIS DRAWING INDICATES GENERAL CONDITIONS AT THE TIME OF SURVEY.
 5. MAGNETOMETER SURVEY DATA ACQUISITION WAS PERFORMED ON DECEMBER 1-2, 2011.

LEGEND	
	PRE-CONSTRUCTION SURVEY
	TEMPLATE CONTOUR
	PROPOSED EARTHEN FILL MATERIAL

REVISED BY:	DATE:
HORIZONTAL SCALE 	
VERTICAL SCALE 	
DATE: 12/16/11	JOB# 2111122



GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT

BA-02
BREACH 2

LAFORCHE PARISH, LOUISIANA

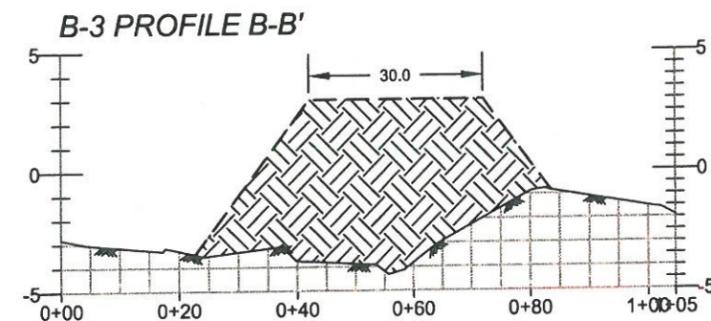
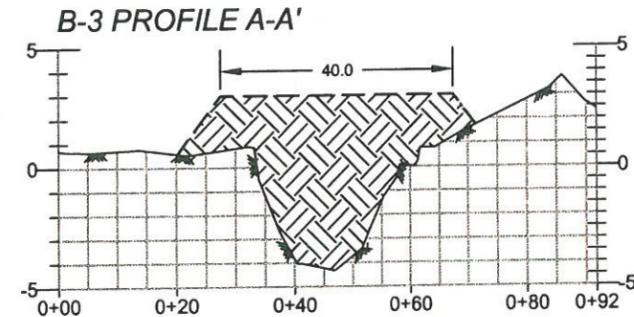
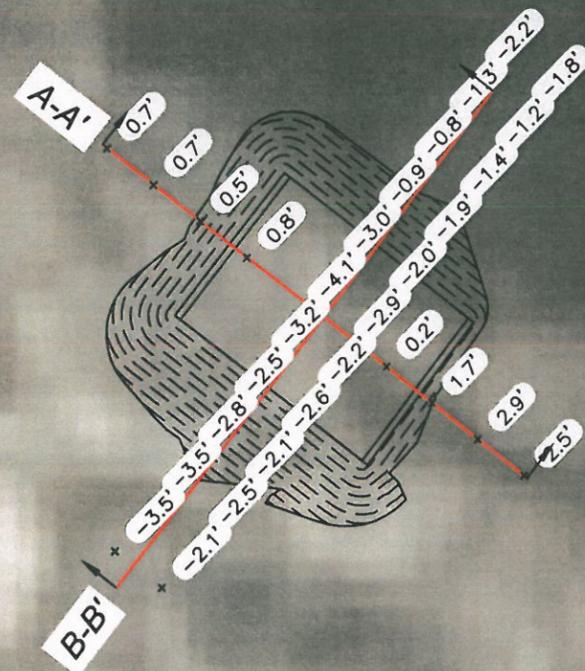
PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

FILE: DQSI-GIWW TO CLOVELLY HYDROLOGIC RESTORATION-BREACH CLOSURE.DWG

SHEET: 4 OF 7



LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM
DERIVED VIA GPS KINEMATIC OBSERVATIONS.



TEMPLATE VOLUME

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Fill Factor	1.000
Cut volume (adjusted)	0.000 Cu. Yd.
Fill volume (adjusted)	306.905 Cu. Yd.
Net volume (adjusted)	306.905 Cu. Yd.<Fill>
Cut volume (unadjusted)	0.000 Cu. Yd.
Fill volume (unadjusted)	306.905 Cu. Yd.
Net volume (unadjusted)	306.905 Cu. Yd.<Fill>



NOTES

1. ALL HORIZONTAL COORDINATES ARE BASED ON LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM, US SURVEY FOOT AS DERIVED FROM PROJECT CONTROL VIA GPS KINEMATIC OBSERVATIONS.
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5. MAGNETOMETER SURVEY DATA ACQUISITION WAS PERFORMED ON DECEMBER 1-2, 2011.

LEGEND

- PRE-CONSTRUCTION SURVEY
- TEMPLATE CONTOUR
- PROPOSED EARTHEN FILL MATERIAL

REVISED BY:

DATE:

HORIZONTAL SCALE



VERTICAL SCALE



GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT

BA-02

BREACH 3

LAFORCHE PARISH, LOUISIANA

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

DATE: 12/16/11

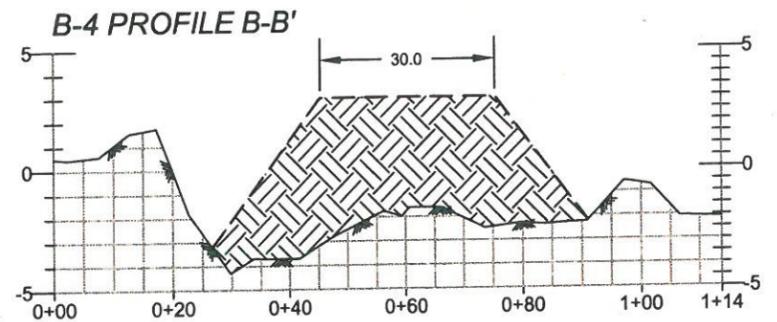
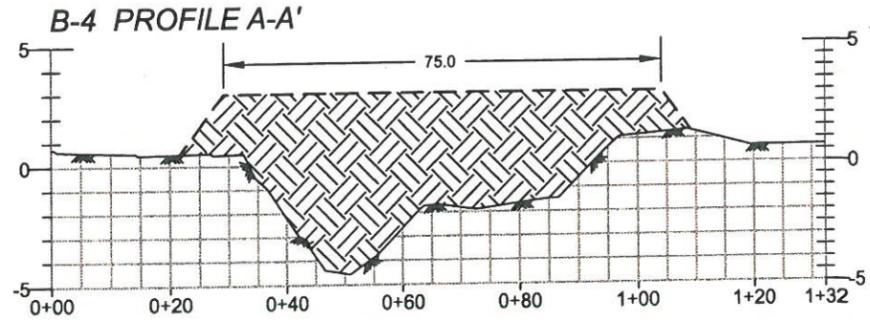
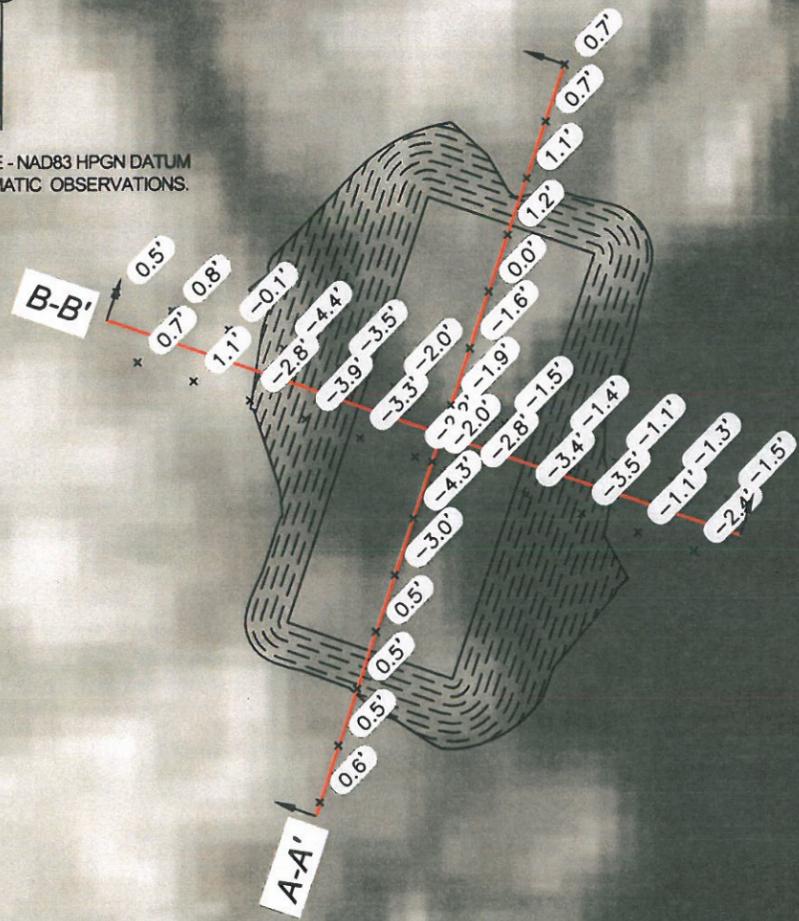
JOB# 2111122

FILE: DQSI-GIWW TO CLOVELLY HYDROLOGIC RESTORATION-BREACH CLOSURE.DWG

SHEET: 5 OF 7



LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM
DERIVED VIA GPS KINEMATIC OBSERVATIONS.



TEMPLATE VOLUME

Cut Factor	1.000
Fill Factor	1.000
Cut volume (adjusted)	0.000 Cu. Yd.
Fill volume (adjusted)	648.204 Cu. Yd.
Net volume (adjusted)	648.204 Cu. Yd.<Fill>
Cut volume (unadjusted)	0.000 Cu. Yd.
Fill volume (unadjusted)	648.204 Cu. Yd.
Net volume (unadjusted)	648.204 Cu. Yd.<Fill>

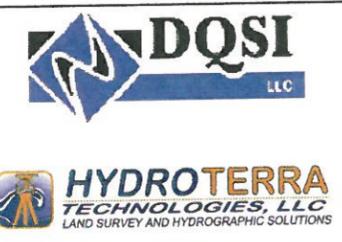


- NOTES**
- ALL HORIZONTAL COORDINATES ARE BASED ON LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM, US SURVEY FOOT AS DERIVED FROM PROJECT CONTROL VIA GPS KINEMATIC OBSERVATIONS.
 - ELEVATIONS ARE BASED ON NAVD 88 US SURVEY FEET (GEOID 03) AS DERIVED FROM PROJECT CONTROL.
 - TOPOGRAPHIC SURVEY DATA ACQUISITION PERFORMED WITH RTK AND CONVENTIONAL SURVEY METHODS.
 - THIS DRAWING INDICATES GENERAL CONDITIONS AT THE TIME OF SURVEY.
 - MAGNETOMETER SURVEY DATA ACQUISITION WAS PERFORMED ON DECEMBER 1-2, 2011.

LEGEND

	PRE-CONSTRUCTION SURVEY
	TEMPLATE CONTOUR
	PROPOSED EARTHEN FILL MATERIAL

REVISED BY:	DATE:
HORIZONTAL SCALE 	
VERTICAL SCALE 	
DATE: 12/16/11	JOB# 2111122

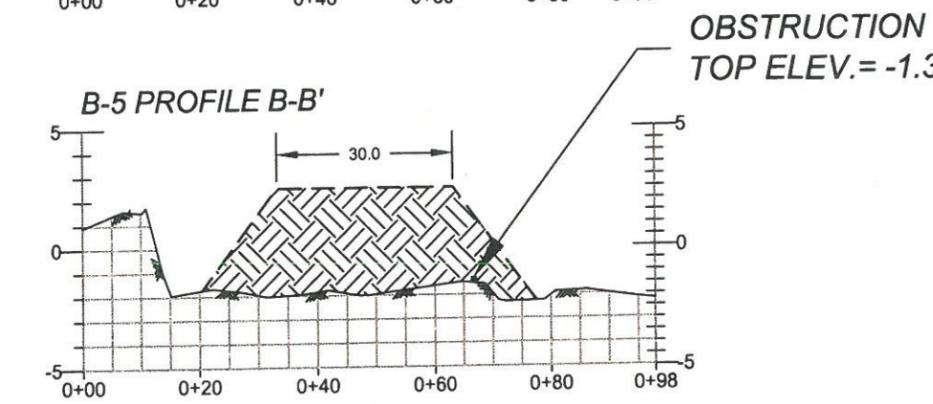
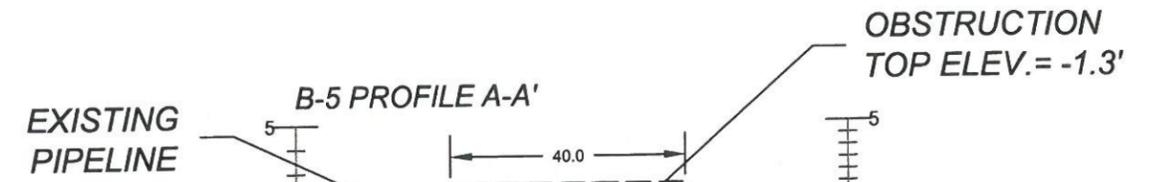
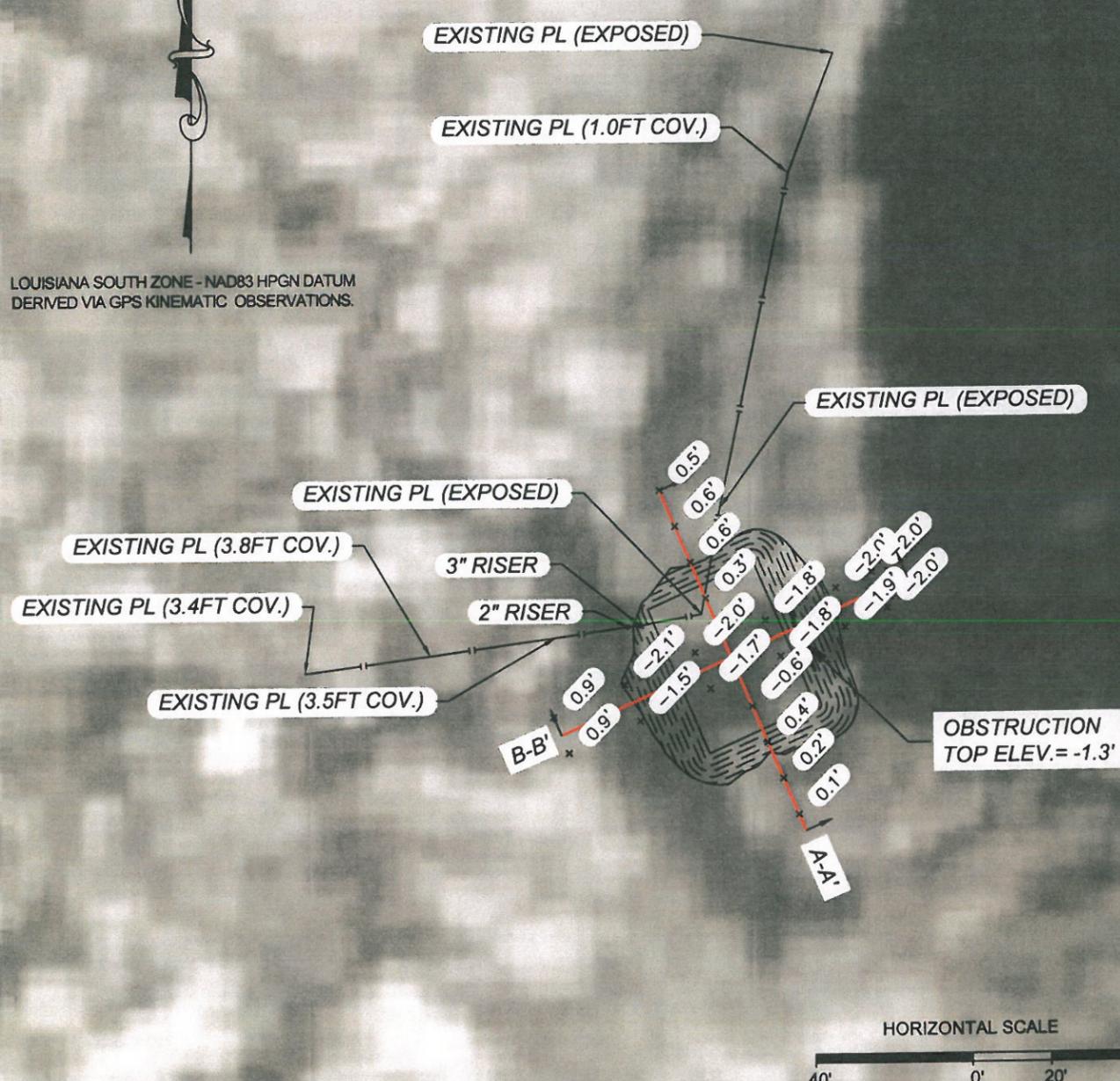


GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT

BA-02
BREACH 4

LAFOURCHE PARISH, LOUISIANA

LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM
DERIVED VIA GPS KINEMATIC OBSERVATIONS.



TEMPLATE VOLUME

Cut Factor	1.000
Fill Factor	1.000
Cut volume (adjusted)	0.000 Cu. Yd.
Fill volume (adjusted)	264.700 Cu. Yd.
Net volume (adjusted)	264.700 Cu. Yd. <Fill>
Cut volume (unadjusted)	0.000 Cu. Yd.
Fill volume (unadjusted)	264.700 Cu. Yd.
Net volume (unadjusted)	264.700 Cu. Yd. <Fill>

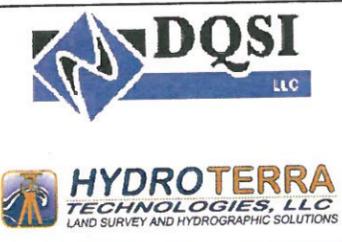


- NOTES**
- ALL HORIZONTAL COORDINATES ARE BASED ON LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM, US SURVEY FOOT AS DERIVED FROM PROJECT CONTROL VIA GPS KINEMATIC OBSERVATIONS.
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LEGEND

	PRE-CONSTRUCTION SURVEY
	TEMPLATE CONTOUR
	PROPOSED EARTHEN FILL MATERIAL

REVISED BY:	DATE:
<p>HORIZONTAL SCALE</p> <p>VERTICAL SCALE</p>	
DATE: 12/16/11	JOB# 2111122



GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT
BA-02
BREACH 5
LAFORCHE PARISH, LOUISIANA



19218 North 5th Street · Covington, LA 70433
Phone (985) 871-7472 · Fax (985) 871-1072
www.DQSI.com

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

December 7, 2011

Submittal
Preconstruction Survey Structure 4, 4 to 4A/B, and 4A/B

PROJECT (BA-02)

DQSI Corporation

Approved
Approved with corrections as noted on
Submittal data and/or sheet(s)

SIGNATURE:
TITLE:
DATE:

Shelly Stubbs
12/7/2011

Submitted To:
State of Louisiana
Office of State Purchasing
1201 N. Third Street
Baton Rouge, LA 70802

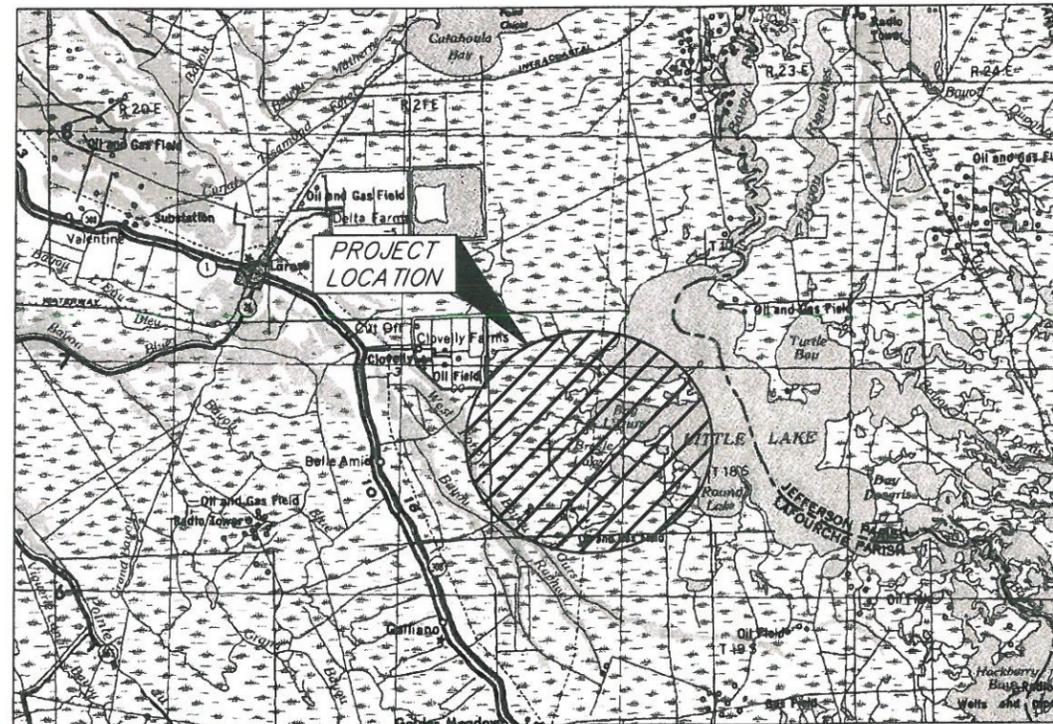
Contractor:
DQSI Corporation (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

DQSI, LLC.

PRE-CONSTRUCTION SURVEY
STRUCTURES 4, 4A & 4B

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT (BA-02)

LAFOURCHE PARISH, LA



VICINITY MAP
(N.T.S.)

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	TITLE PAGE
2	PLAN VIEW
3 - 20	CROSS SECTIONS
21	CENTERLINE PROFILE
22	VOLUME TABLES



THIS MAP REPRESENTS AN ACTUAL FIELD SURVEY MADE UNDER DIRECT SUPERVISION OF THE UNDERSIGNED.

Keith J. Roberts

KEITH J. ROBERTS, PLS # 4780
202 JACOBS RUN
SCOTT, LA. 70583
(337) 706-8219

REVISED BY:	DATE:
PLAN SCALE SCALE: NTS 	
DATE: 11/30/11	JOB# 2111122



GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT (BA-02)

PRE-CONSTRUCTION SURVEY

STRUCTURES 4, 4A, & 4B

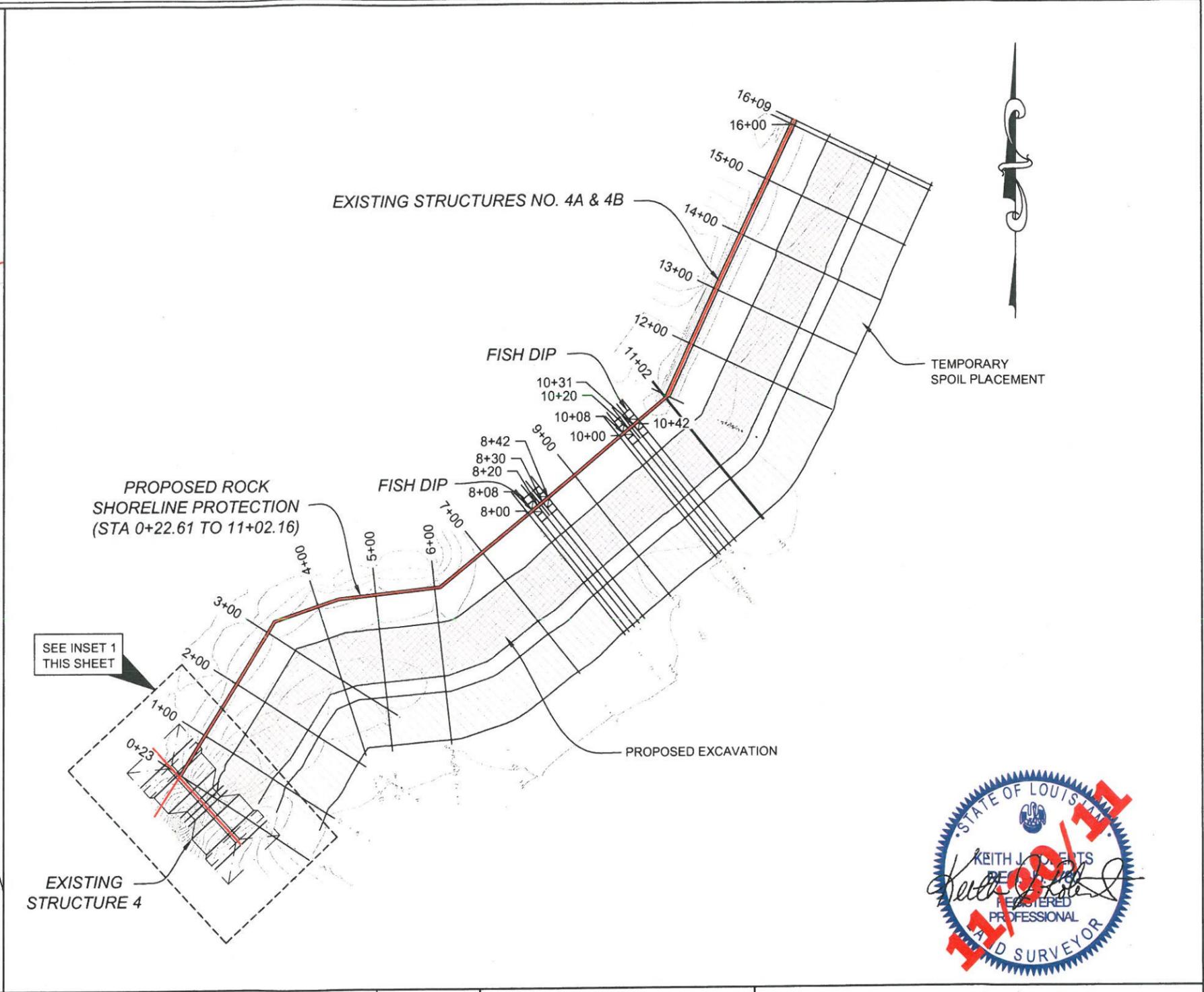
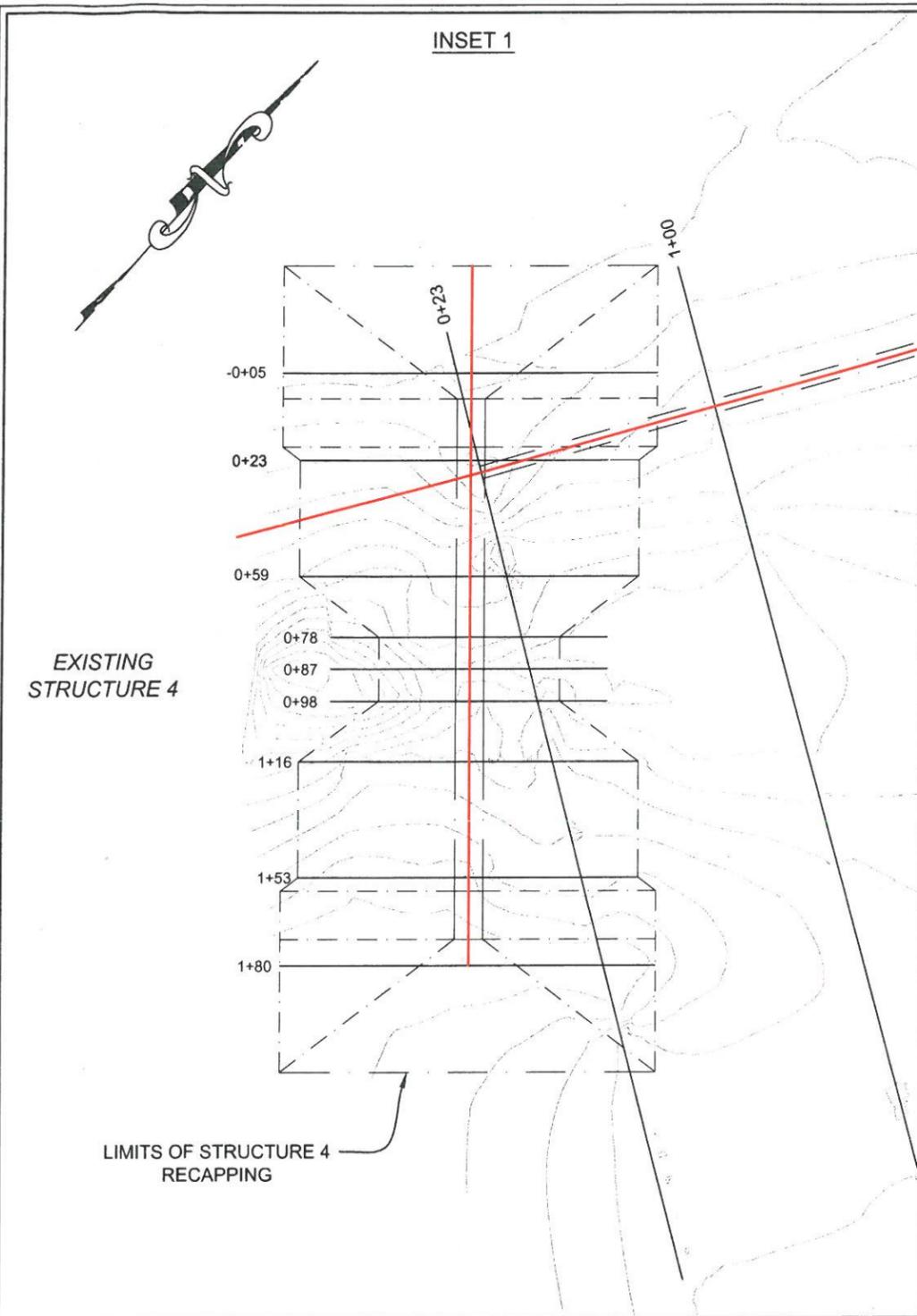
TITLE PAGE

LAFOURCHE PARISH, LA.

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

FILE: Pre Construction Survey (Structures 4, 4A, & 4B).dwg

SHEET: 1 OF 22



NOTES:

1. ALL HORIZONTAL COORDINATES ARE BASED ON LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM, US SURVEY FOOT AS DERIVED FROM PROJECT CONTROL VIA GPS KINEMATIC OBSERVATIONS.
2. ELEVATIONS ARE BASED ON NAVD 88 US SURVEY FEET (GEOID 03 (2004.65)) AS DERIVED FROM PROJECT CONTROL.
3. TOPOGRAPHIC SURVEY DATA ACQUISITION PERFORMED WITH RTK SURVEY METHODS.
4. HYDROGRAPHIC SURVEY DATA ACQUISITION PERFORMED USING A 200kHz ODOM ECHOTRACK TRANSDUCER INTEGRATED WITH RTK TIDES.
5. THIS DRAWING INDICATES GENERAL CONDITIONS AT THE TIME OF SURVEY.
6. PRE-CONSTRUCTION SURVEY DATA ACQUISITION WAS PERFORMED NOVEMBER 18 - 21, 2011.

LEGEND	
	BASELINE
	0+00 CROSS SECTION

REVISED BY:	DATE:
HORIZONTAL SCALE	
DATE: 11/30/11	JOB# 2111122

HYDROTERRA TECHNOLOGIES, LLC
LAND SURVEY AND HYDROGRAPHIC SOLUTIONS

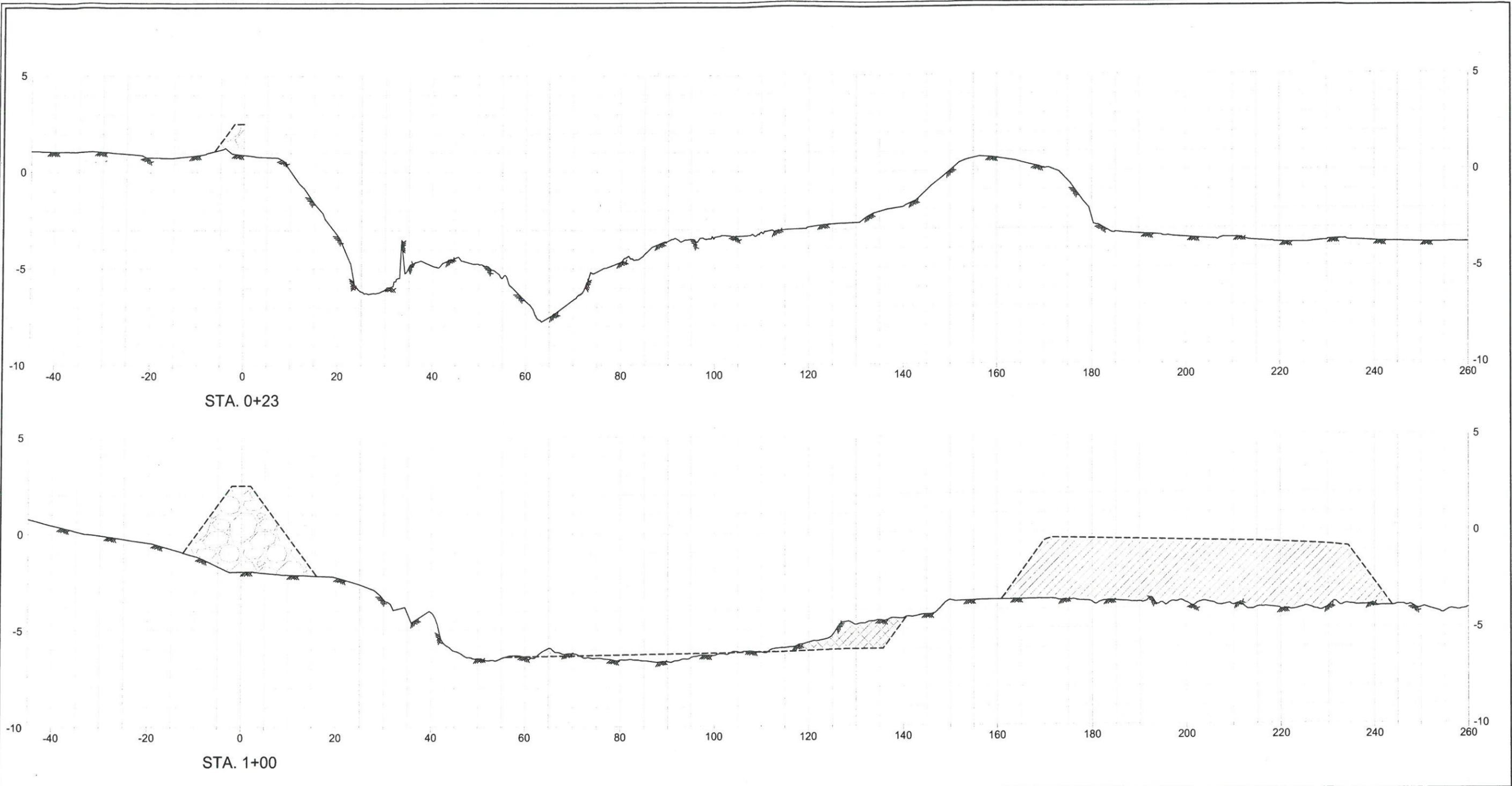
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FILE: Pre Construction Survey (Structures 4, 4A, & 4B).dwg

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
STRUCTURES 4, 4A, & 4B
PLAN VIEW
LAFOURCHE PARISH, LA.

SHEET: 2 OF 22



LEGEND	
	PRE-CONSTRUCTION SURVEY
	ROCK SHORELINE PROTECTION TEMPLATE
	FILL MATERIAL (130 LB ROCK RIP RAP)
	PROPOSED EXCAVATION
	PROPOSED TEMPORARY SPOIL PLACEMENT

REVISED BY:	DATE:
HORIZONTAL SCALE	
VERTICAL SCALE	
DATE: 11/30/11	JOB# 2111122

HYDROTERRA
TECHNOLOGIES, LLC
LAND SURVEY AND HYDROGRAPHIC SOLUTIONS

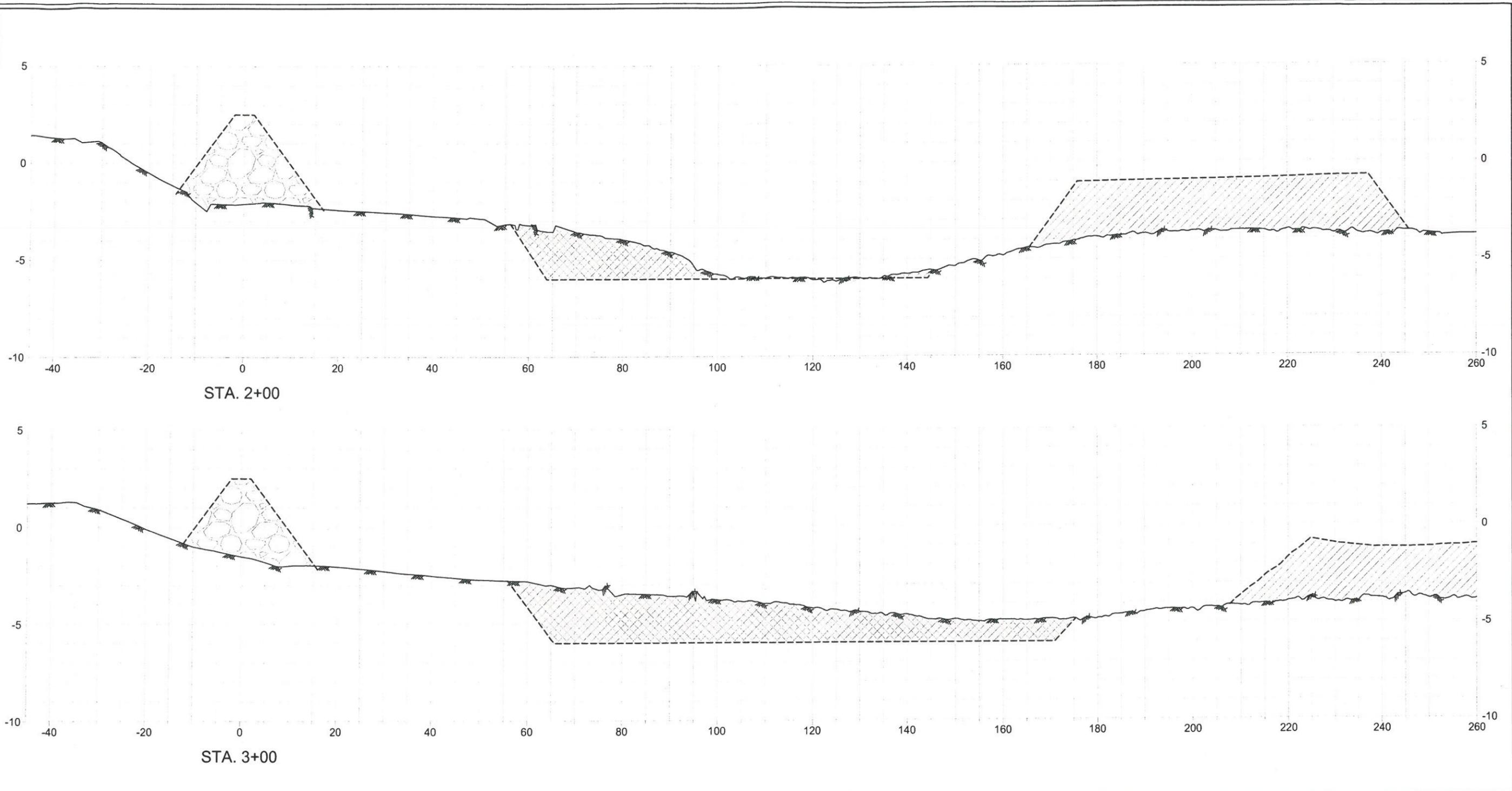
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GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
ROCK SHORELINE PROTECTION SURVEY SECTIONS
SECTION VIEWS
LAFOURCHE PARISH, LA.

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

FILE: Pre Construction Survey (Structures 4, 4A, & 4B).dwg

SHEET: 3 OF 22



LEGEND	
	PRE-CONSTRUCTION SURVEY
	ROCK SHORELINE PROTECTION TEMPLATE
	FILL MATERIAL (130 LB ROCK RIP RAP)
	PROPOSED EXCAVATION
	PROPOSED TEMPORARY SPOIL PLACEMENT

REVISED BY:	DATE:
HORIZONTAL SCALE	
VERTICAL SCALE	
DATE: 11/30/11	JOB# 2111122

HYDROTERRA

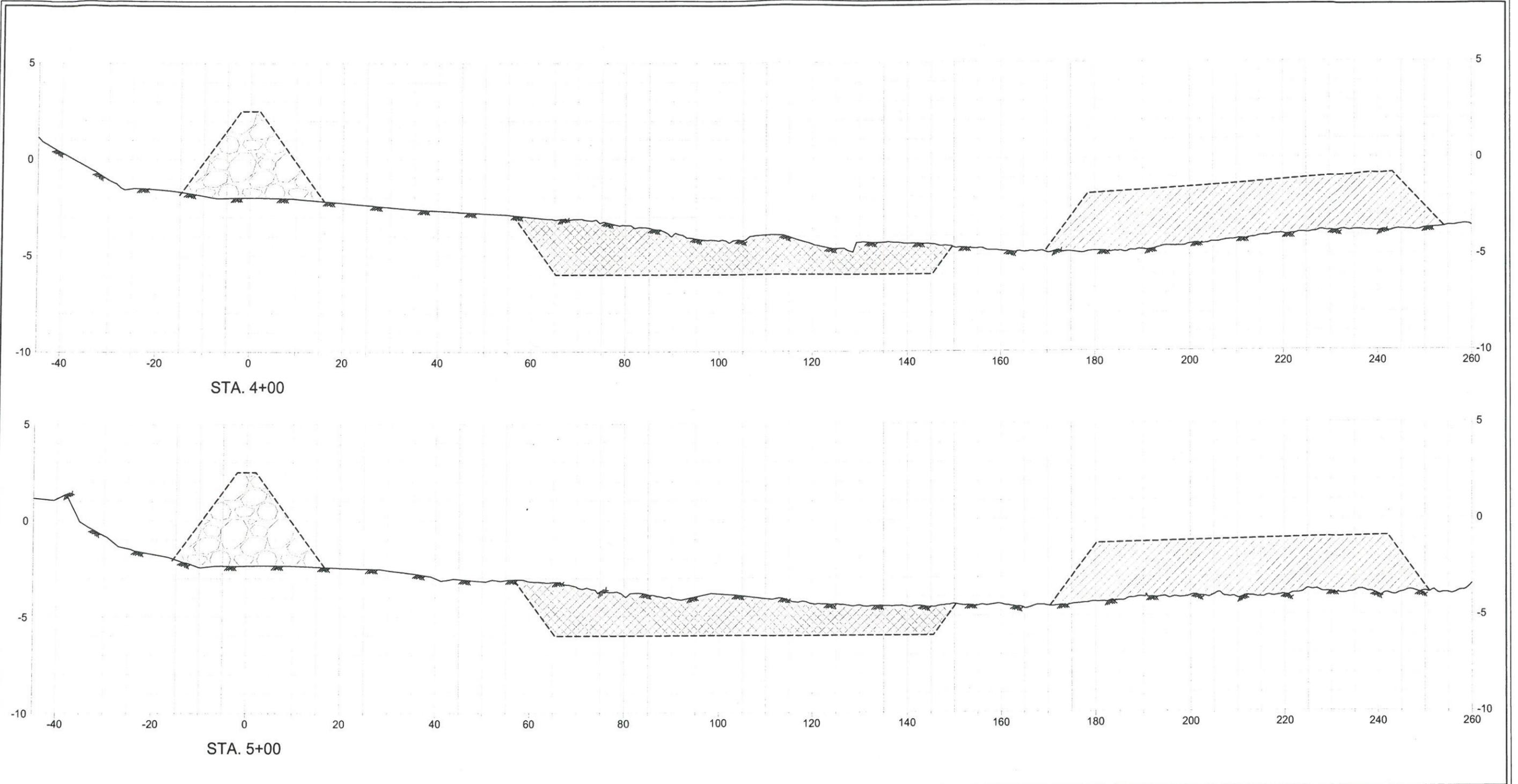
 TECHNOLOGIES, LLC

LAND SURVEY AND HYDROGRAPHIC SOLUTIONS

DQSI

 LLC

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
ROCK SHORELINE PROTECTION SURVEY SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.



LEGEND	
	PRE-CONSTRUCTION SURVEY
	ROCK SHORELINE PROTECTION TEMPLATE
	FILL MATERIAL (130 LB ROCK RIP RAP)
	PROPOSED EXCAVATION
	PROPOSED TEMPORARY SPOIL PLACEMENT

REVISED BY:	DATE:
HORIZONTAL SCALE	
VERTICAL SCALE	
DATE: 11/30/11	JOB# 2111122

HYDROTERRA
 TECHNOLOGIES, LLC
LAND SURVEY AND HYDROGRAPHIC SOLUTIONS

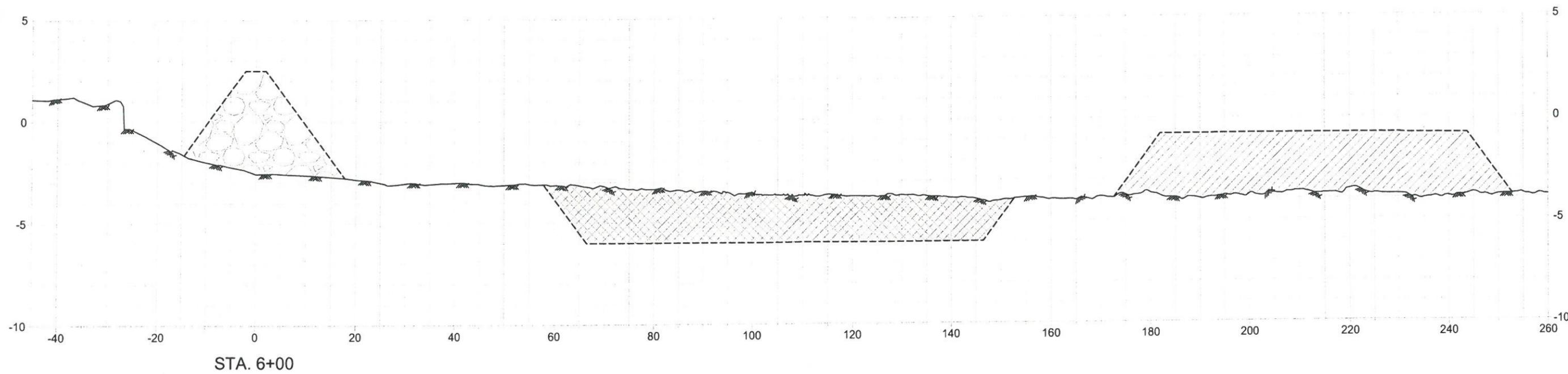
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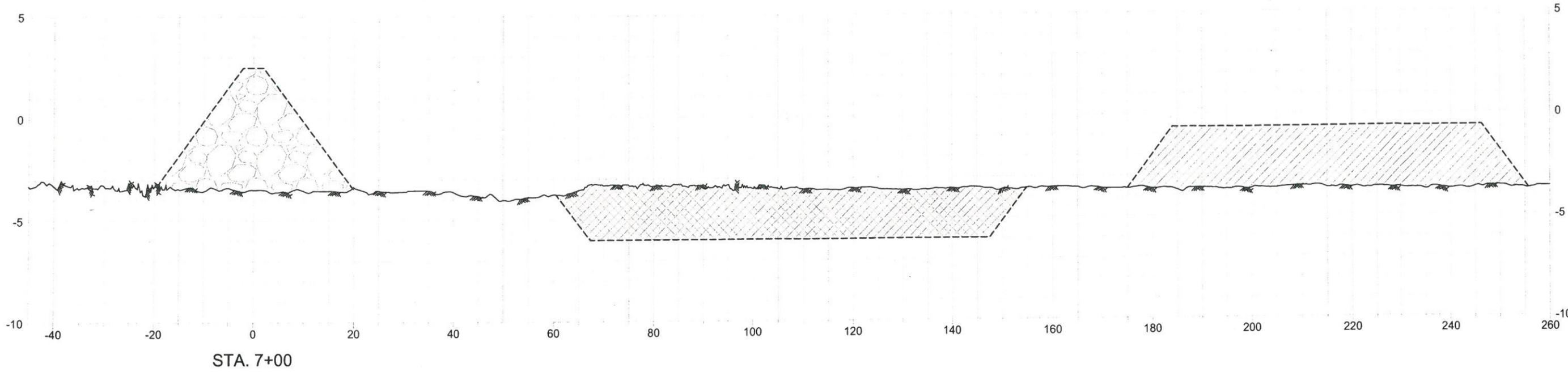
GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
ROCK SHORELINE PROTECTION SURVEY SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.

FILE: Pre Construction Survey (Structures 4, 4A, & 4B).dwg

SHEET: 5 OF 22



STA. 6+00



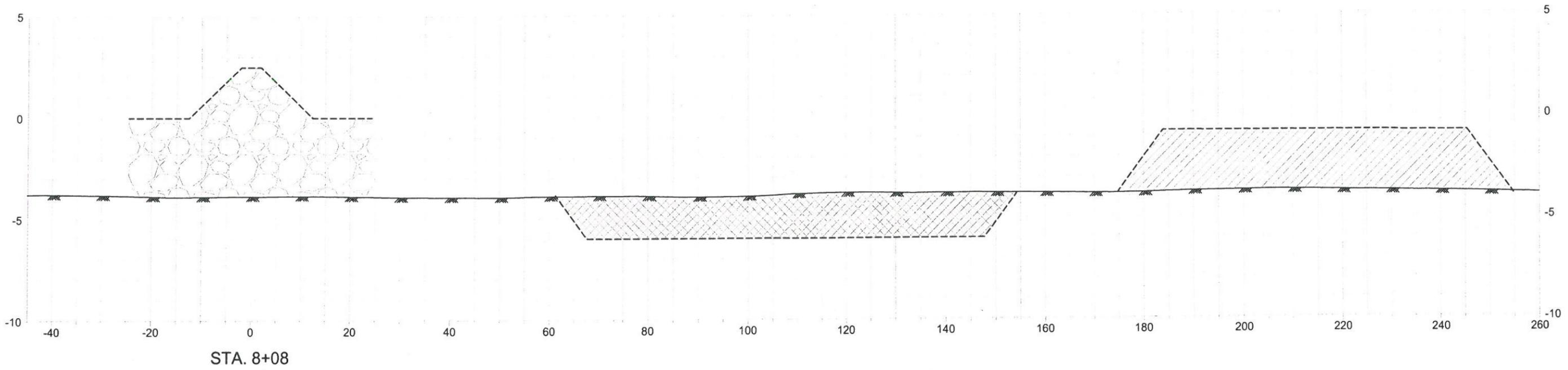
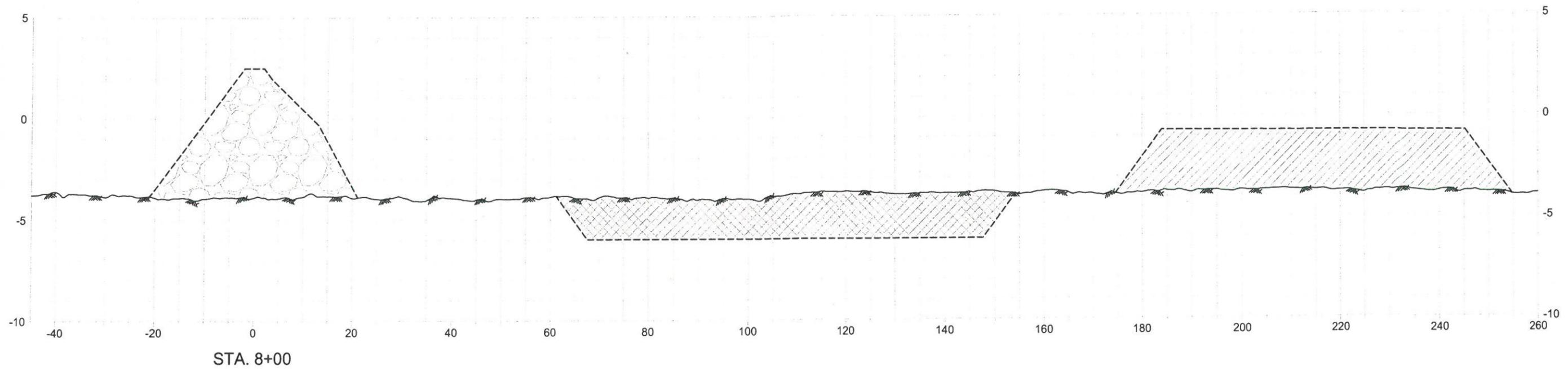
STA. 7+00



LEGEND	
	PRE-CONSTRUCTION SURVEY
	ROCK SHORELINE PROTECTION TEMPLATE
	FILL MATERIAL (130 LB ROCK RIP RAP)
	PROPOSED EXCAVATION
	PROPOSED TEMPORARY SPOIL PLACEMENT

REVISED BY:	DATE:
HORIZONTAL SCALE	
VERTICAL SCALE	
DATE: 11/30/11	JOB# 2111122

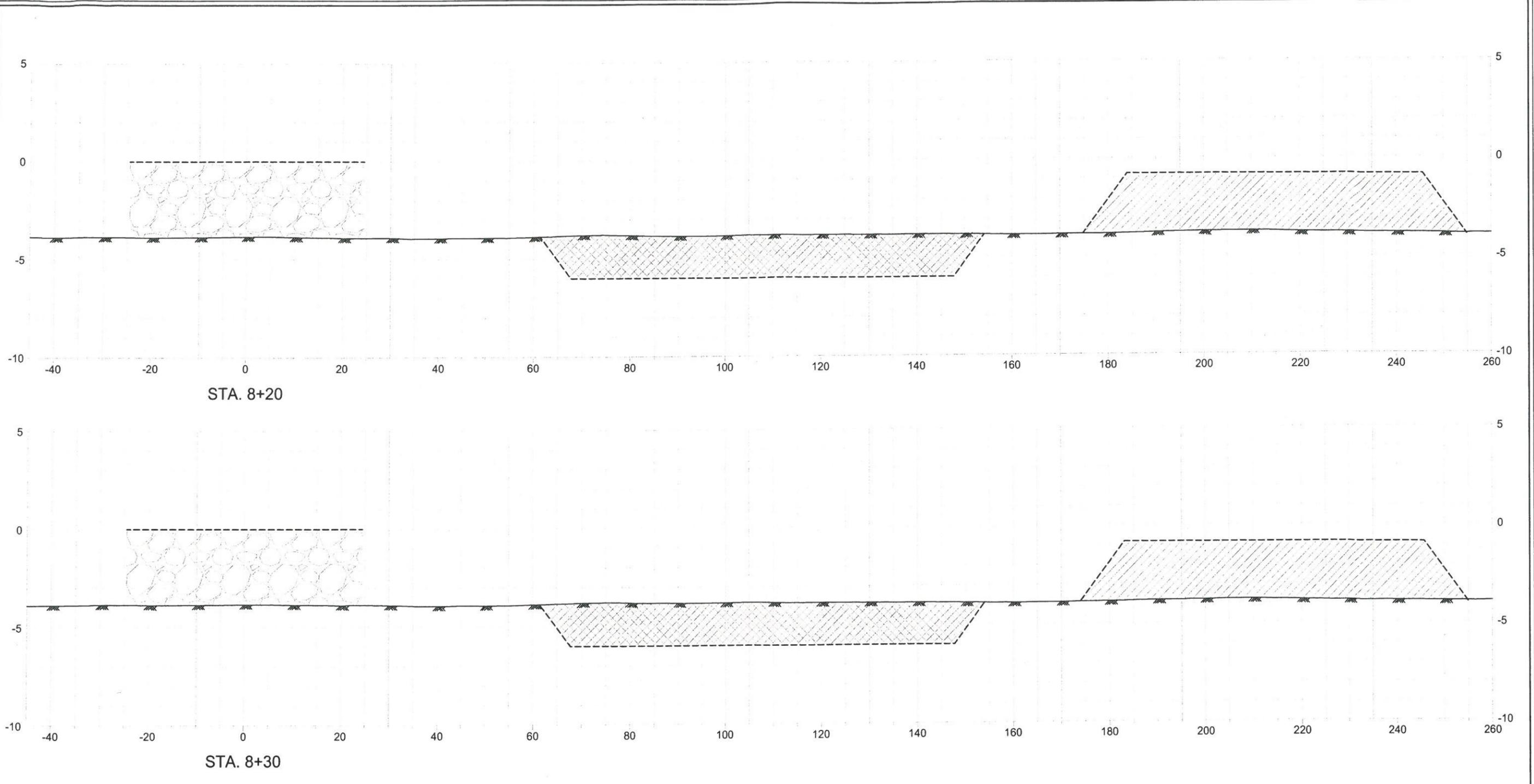
GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
ROCK SHORELINE PROTECTION SURVEY SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.



LEGEND	
	PRE-CONSTRUCTION SURVEY
	ROCK SHORELINE PROTECTION TEMPLATE
	FILL MATERIAL (130 LB ROCK RIP RAP)
	PROPOSED EXCAVATION
	PROPOSED TEMPORARY SPOIL PLACEMENT

REVISED BY:	DATE:
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VERTICAL SCALE	
DATE: 11/30/11	JOB# 2111122

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
ROCK SHORELINE PROTECTION SURVEY SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.



LEGEND	
	PRE-CONSTRUCTION SURVEY
	ROCK SHORELINE PROTECTION TEMPLATE
	FILL MATERIAL (130 LB ROCK RIP RAP)
	PROPOSED EXCAVATION
	PROPOSED TEMPORARY SPOIL PLACEMENT

REVISED BY:	DATE:
HORIZONTAL SCALE	
VERTICAL SCALE	
DATE: 11/30/11	JOB# 2111122

HYDROTERRA
TECHNOLOGIES, LLC
LAND SURVEY AND HYDROGRAPHIC SOLUTIONS

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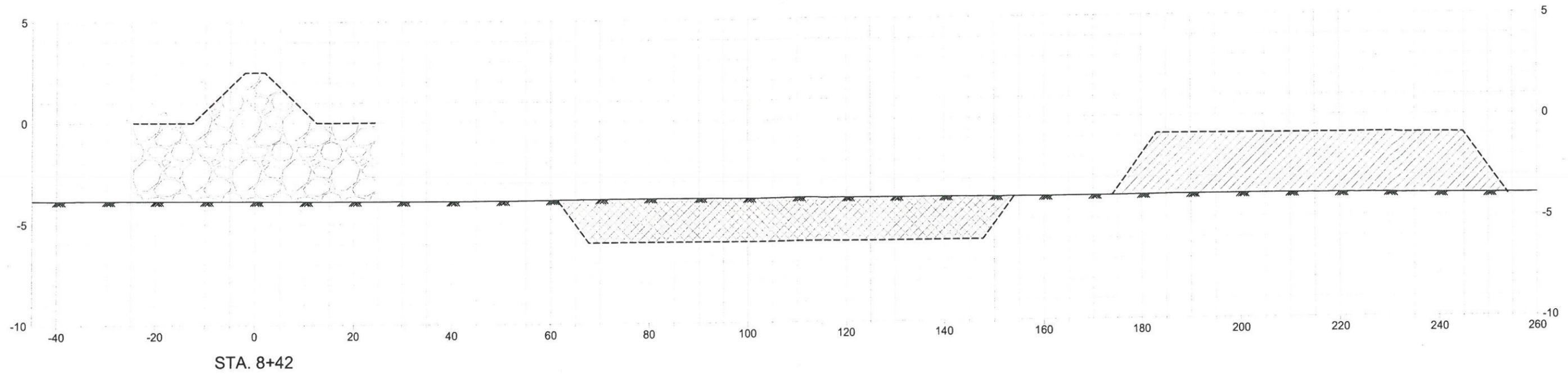
PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

FILE: Pre Construction Survey (Structures 4, 4A, & 4B).dwg

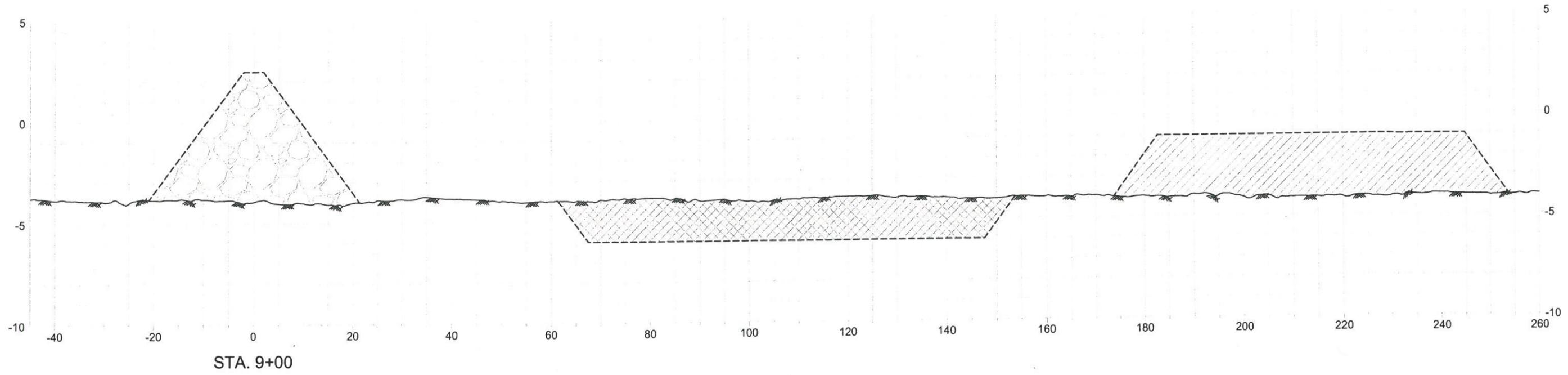
GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
ROCK SHORELINE PROTECTION SURVEY SECTIONS

SECTION VIEWS
LAFOURCHE PARISH, LA.

SHEET: 8 OF 22



STA. 8+42



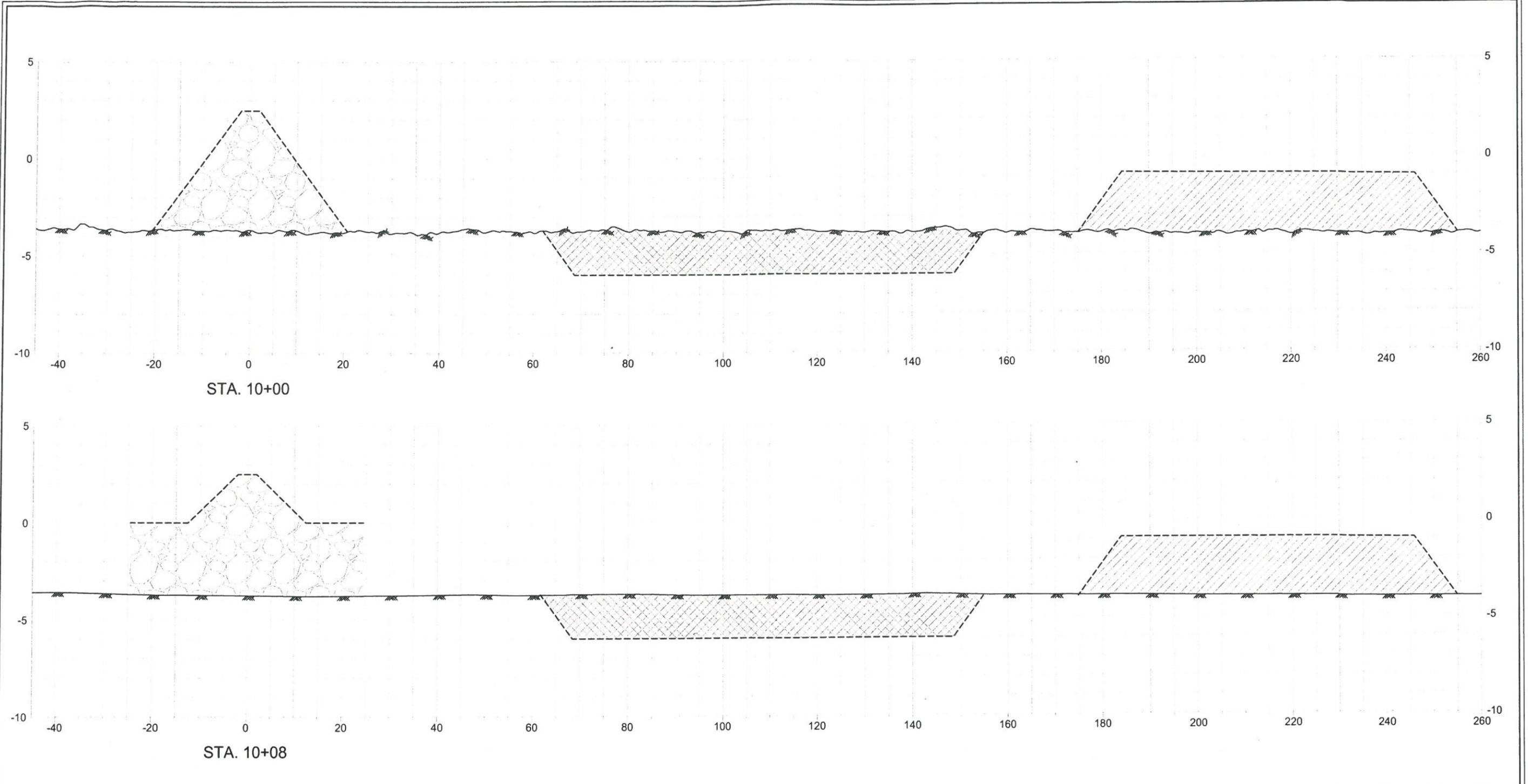
STA. 9+00



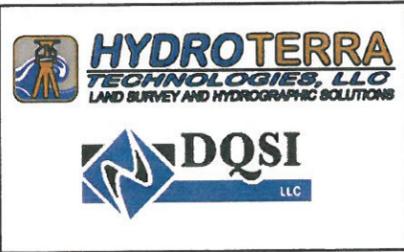
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	PRE-CONSTRUCTION SURVEY
	ROCK SHORELINE PROTECTION TEMPLATE
	FILL MATERIAL (130 LB ROCK RIP RAP)
	PROPOSED EXCAVATION
	PROPOSED TEMPORARY SPOIL PLACEMENT

REVISED BY:	DATE:
HORIZONTAL SCALE	
VERTICAL SCALE	
DATE: 11/30/11	JOB# 2111122

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
ROCK SHORELINE PROTECTION SURVEY SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.



LEGEND		REVISED BY:	DATE:
	PRE-CONSTRUCTION SURVEY		
	ROCK SHORELINE PROTECTION TEMPLATE		
	FILL MATERIAL (130 LB ROCK RIP RAP)		
	PROPOSED EXCAVATION		
	PROPOSED TEMPORARY SPOIL PLACEMENT		
		HORIZONTAL SCALE 	
		VERTICAL SCALE 	
		DATE: 11/30/11	JOB# 2111122

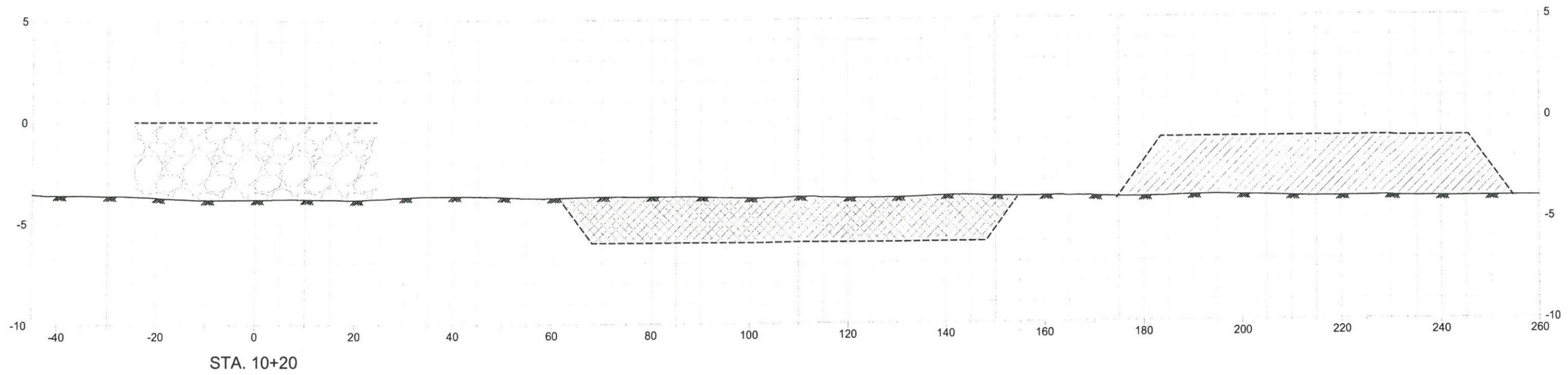


GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
ROCK SHORELINE PROTECTION SURVEY SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.

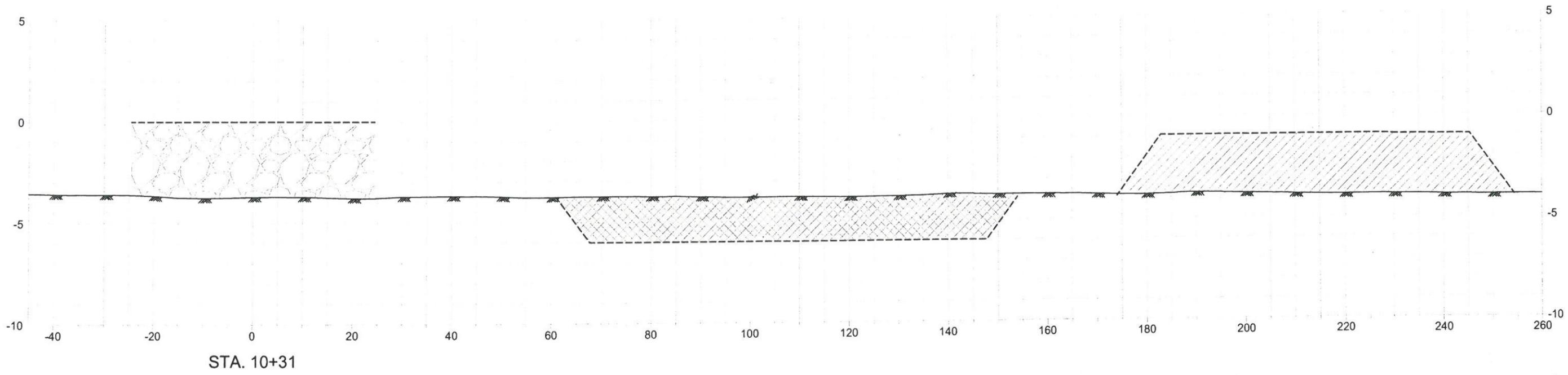
PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

FILE: Pre Construction Survey (Structures 4, 4A, & 4B).dwg

SHEET: 10 OF 22



STA. 10+20



STA. 10+31



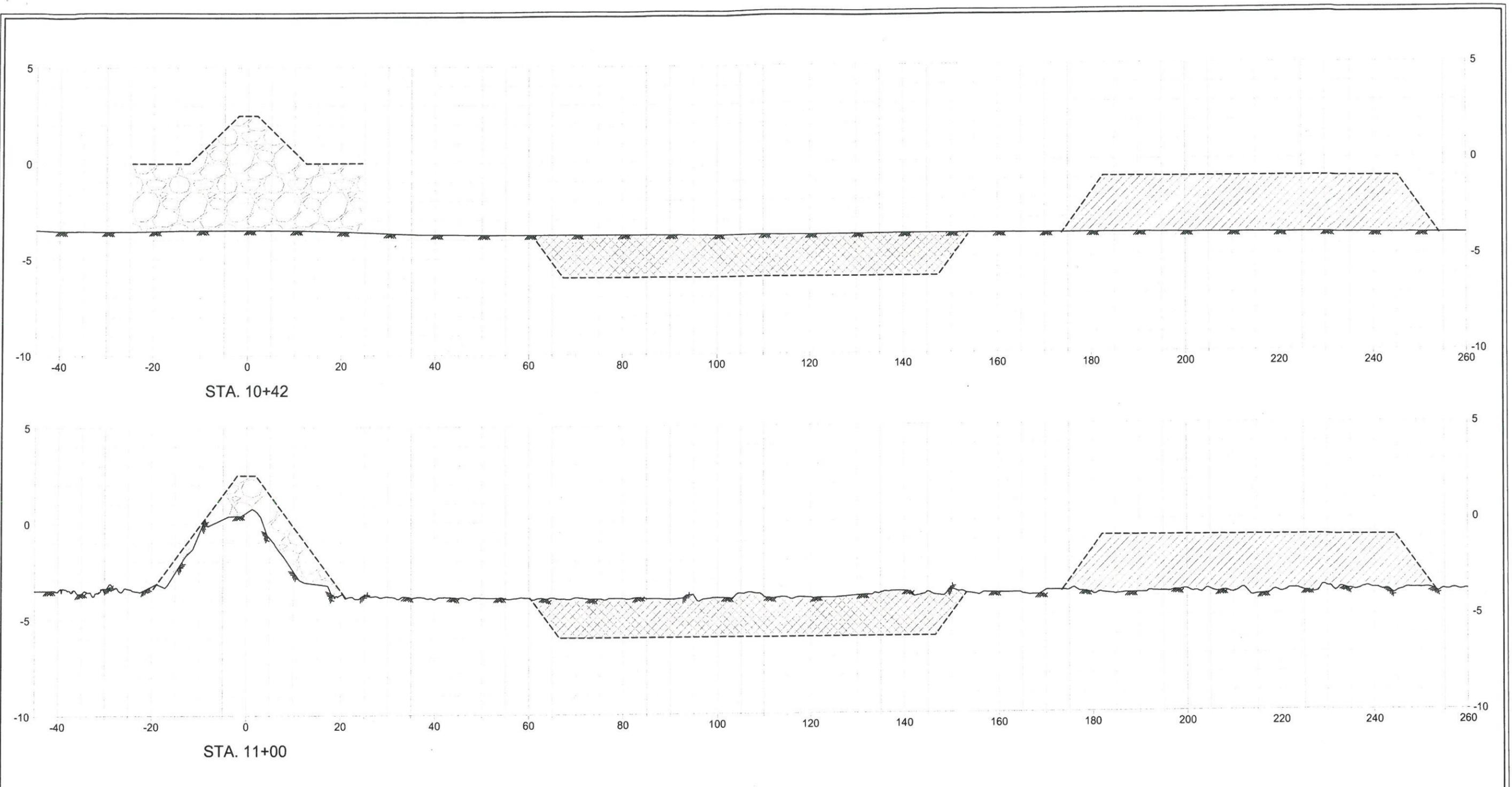
LEGEND	
	PRE-CONSTRUCTION SURVEY
	ROCK SHORELINE PROTECTION TEMPLATE
	FILL MATERIAL (130 LB ROCK RIP RAP)
	PROPOSED EXCAVATION
	PROPOSED TEMPORARY SPOIL PLACEMENT

REVISED BY:	DATE:
HORIZONTAL SCALE	
VERTICAL SCALE	
DATE: 11/30/11	JOB# 2111122



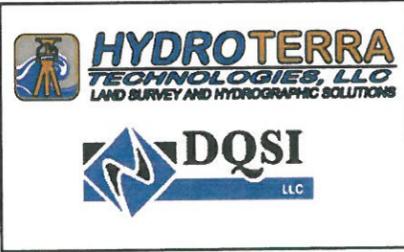
GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
ROCK SHORELINE PROTECTION SURVEY SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583
 FILE: Pre Construction Survey (Structures 4, 4A, & 4B).dwg
 SHEET: 11 OF 22

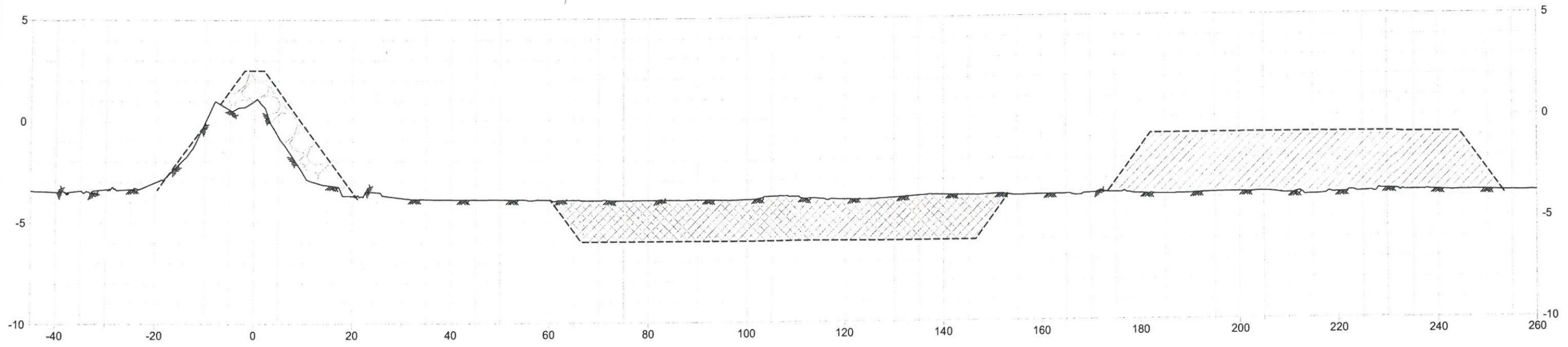


LEGEND	
	PRE-CONSTRUCTION SURVEY
	ROCK SHORELINE PROTECTION TEMPLATE
	FILL MATERIAL (130 LB ROCK RIP RAP)
	PROPOSED EXCAVATION
	PROPOSED TEMPORARY SPOIL PLACEMENT

REVISED BY:	DATE:
HORIZONTAL SCALE	
VERTICAL SCALE	
DATE: 11/30/11	JOB# 2111122



GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
ROCK SHORELINE PROTECTION SURVEY SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.

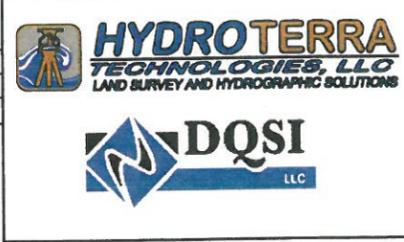


STA. 11+02



LEGEND	
	PRE-CONSTRUCTION SURVEY
	ROCK SHORELINE PROTECTION TEMPLATE
	FILL MATERIAL (130 LB ROCK RIP RAP)
	PROPOSED EXCAVATION
	PROPOSED TEMPORARY SPOIL PLACEMENT

REVISED BY:	DATE:
HORIZONTAL SCALE	
VERTICAL SCALE	
DATE: 11/30/11	JOB# 2111122

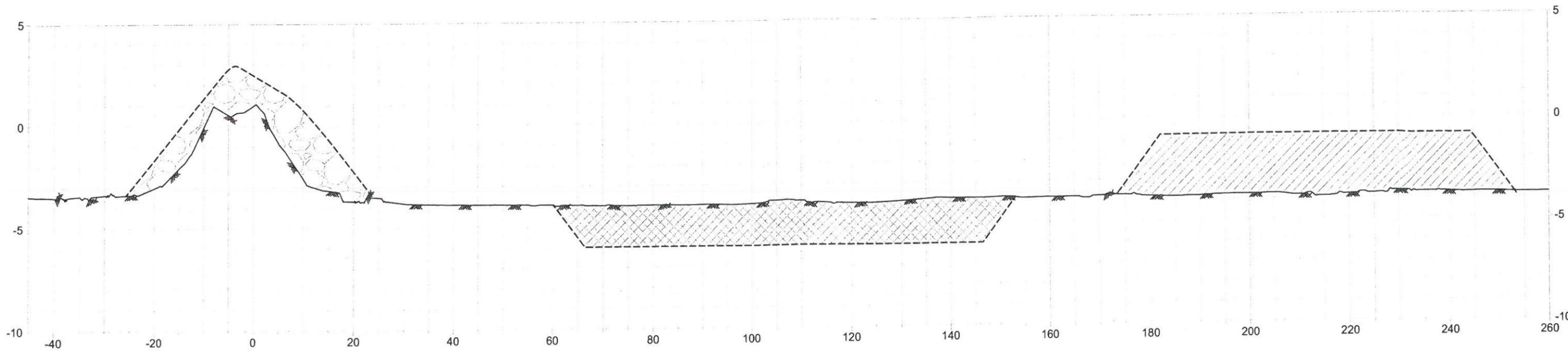


GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
ROCK SHORELINE PROTECTION SURVEY SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.

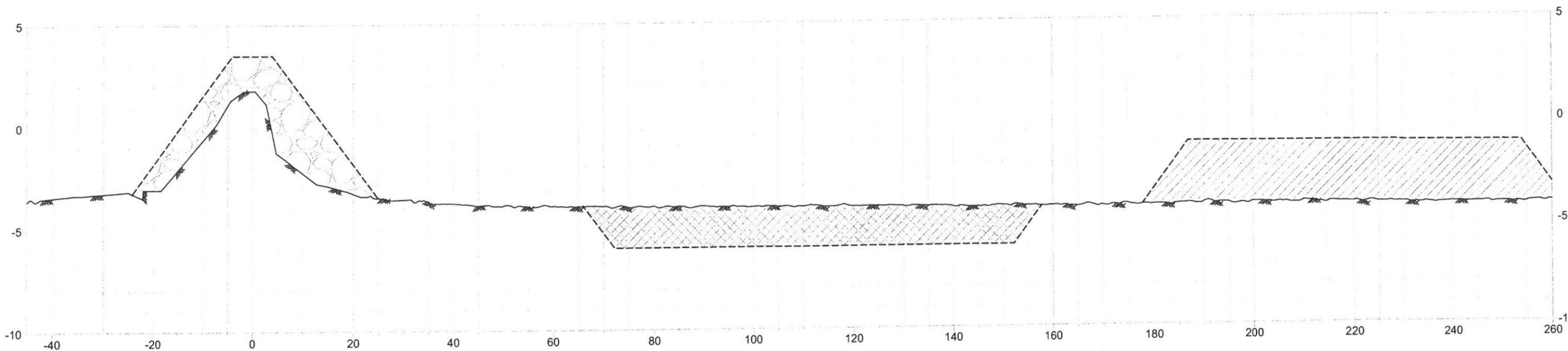
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FILE: Pre Construction Survey (Structures 4, 4A, & 4B).dwg

SHEET: 13 OF 22



STA. 11+02



STA. 12+00



LEGEND

-  PRE-CONSTRUCTION SURVEY
-  ROCK SHORELINE PROTECTION TEMPLATE
-  FILL MATERIAL (130 LB ROCK RIP RAP)
-  PROPOSED EXCAVATION
-  PROPOSED TEMPORARY SPOIL PLACEMENT

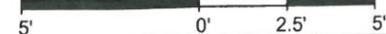
REVISED BY:

DATE:

HORIZONTAL SCALE



VERTICAL SCALE



DATE: 11/30/11

JOB# 2111122

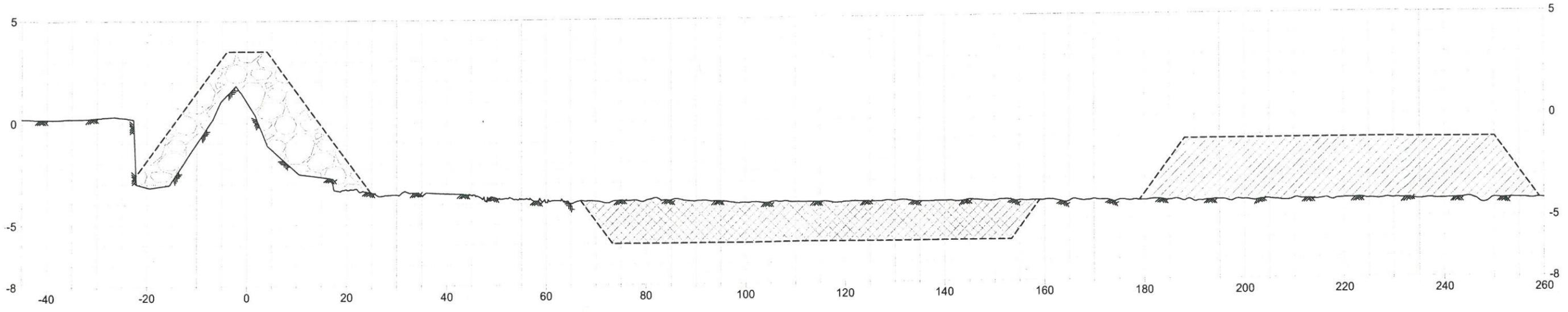


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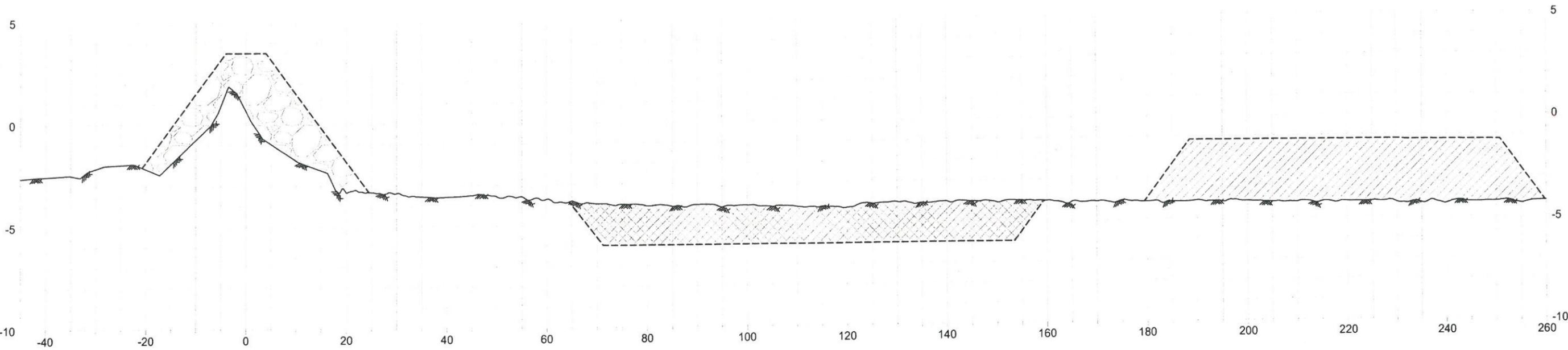
FILE: Pre Construction Survey (Structures 4, 4A, & 4B).dwg

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
 STRUCTURE 4A & 4B RECAPPING SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.

SHEET: 14 OF 22



STA. 13+00



STA. 14+00



LEGEND	
	PRE-CONSTRUCTION SURVEY
	ROCK SHORELINE PROTECTION TEMPLATE
	FILL MATERIAL (130 LB ROCK RIP RAP)
	PROPOSED EXCAVATION
	PROPOSED TEMPORARY SPOIL PLACEMENT

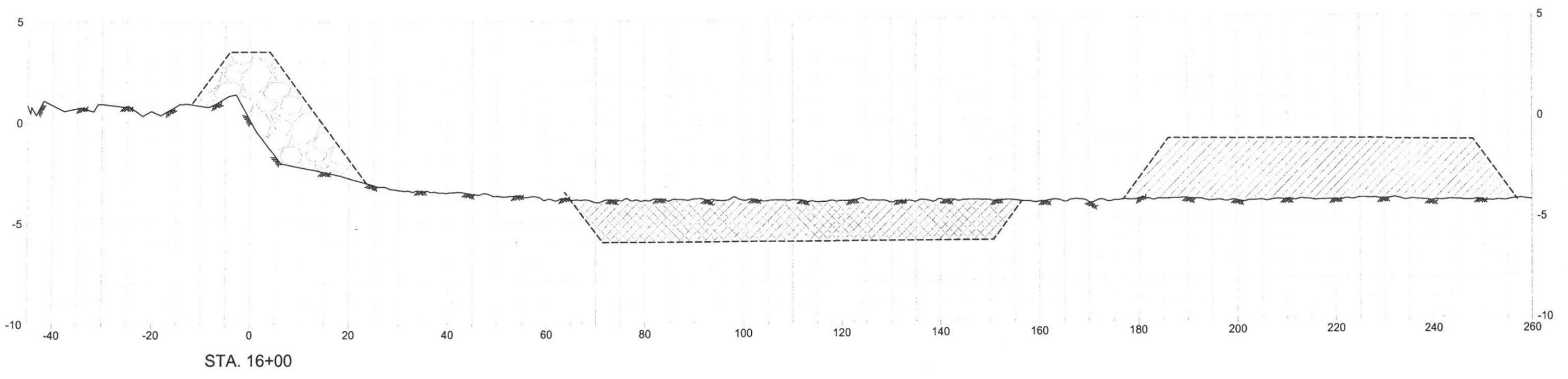
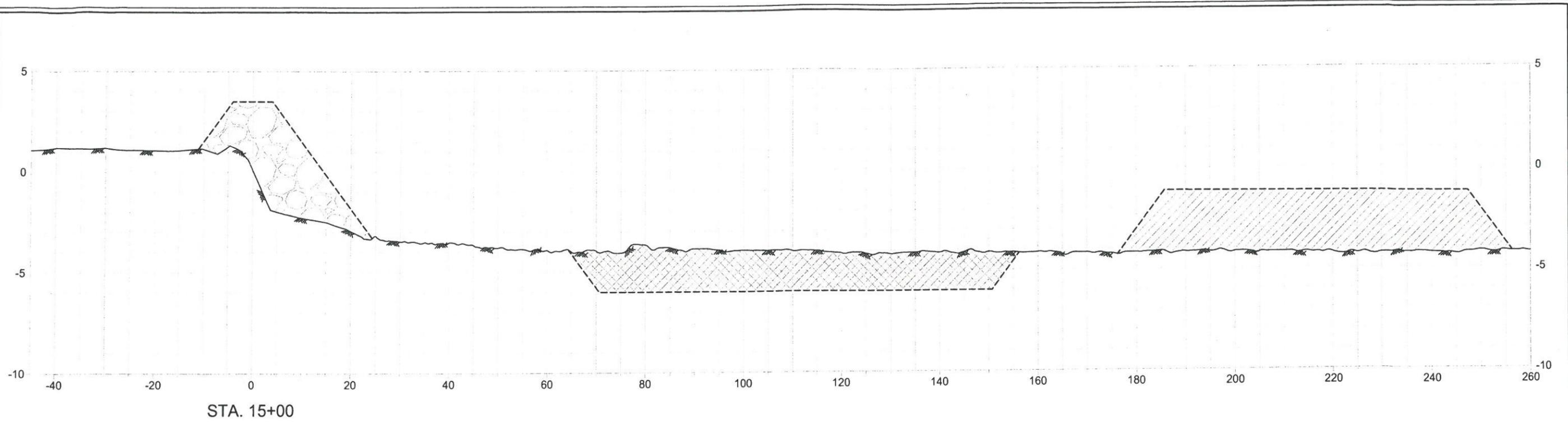
REVISED BY:	DATE:
HORIZONTAL SCALE	
VERTICAL SCALE	
DATE: 11/30/11	JOB# 2111122

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
STRUCTURE 4A & 4B RECAPPING SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

FILE: Pre Construction Survey (Structures 4, 4A, & 4B).dwg

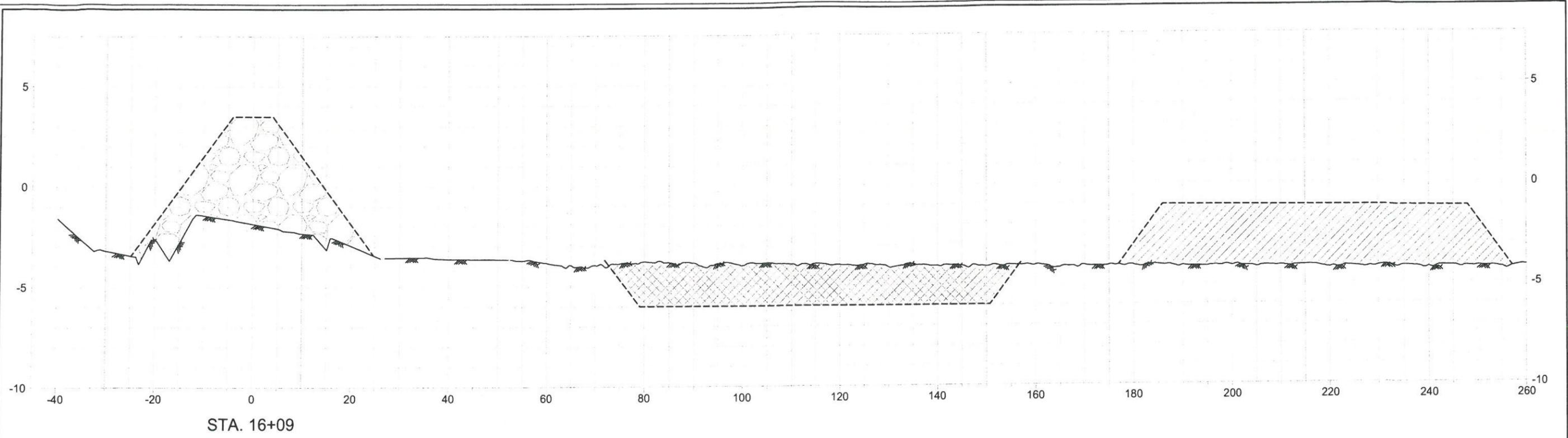
SHEET: 15 OF 22



LEGEND	
	PRE-CONSTRUCTION SURVEY
	ROCK SHORELINE PROTECTION TEMPLATE
	FILL MATERIAL (130 LB ROCK RIP RAP)
	PROPOSED EXCAVATION
	PROPOSED TEMPORARY SPOIL PLACEMENT

REVISED BY:	DATE:
HORIZONTAL SCALE	
VERTICAL SCALE	
DATE: 11/30/11	JOB# 2111122

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
STRUCTURE 4A & 4B RECAPPING SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.



LEGEND	
	PRE-CONSTRUCTION SURVEY
	ROCK SHORELINE PROTECTION TEMPLATE
	FILL MATERIAL (130 LB ROCK RIP RAP)
	PROPOSED EXCAVATION
	PROPOSED TEMPORARY SPOIL PLACEMENT

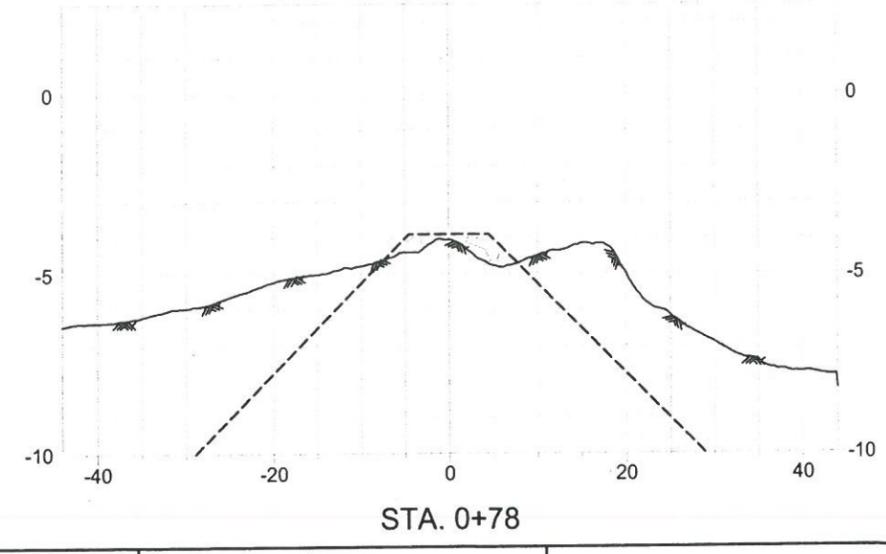
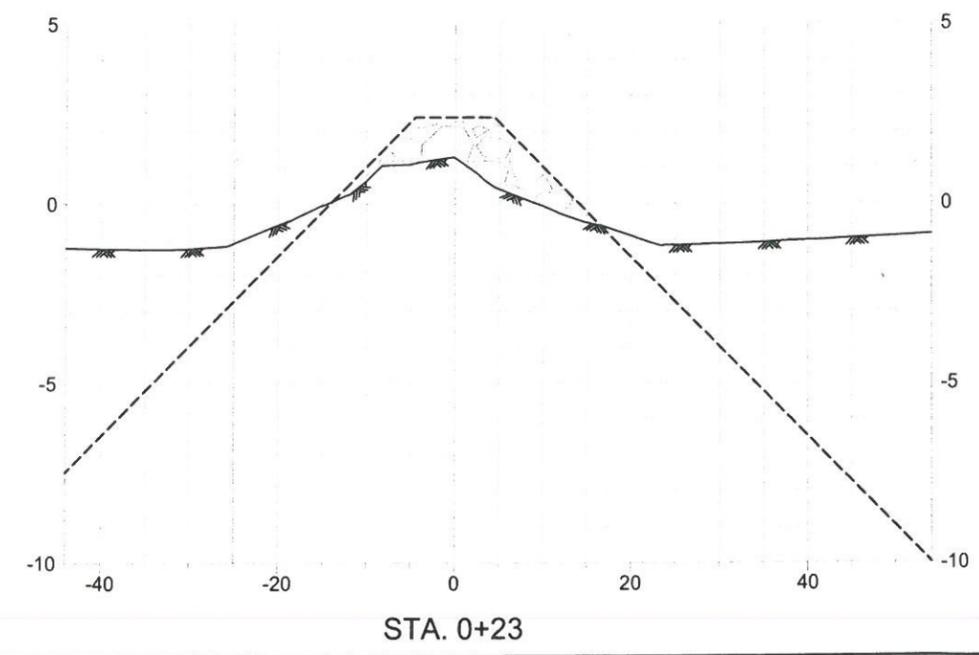
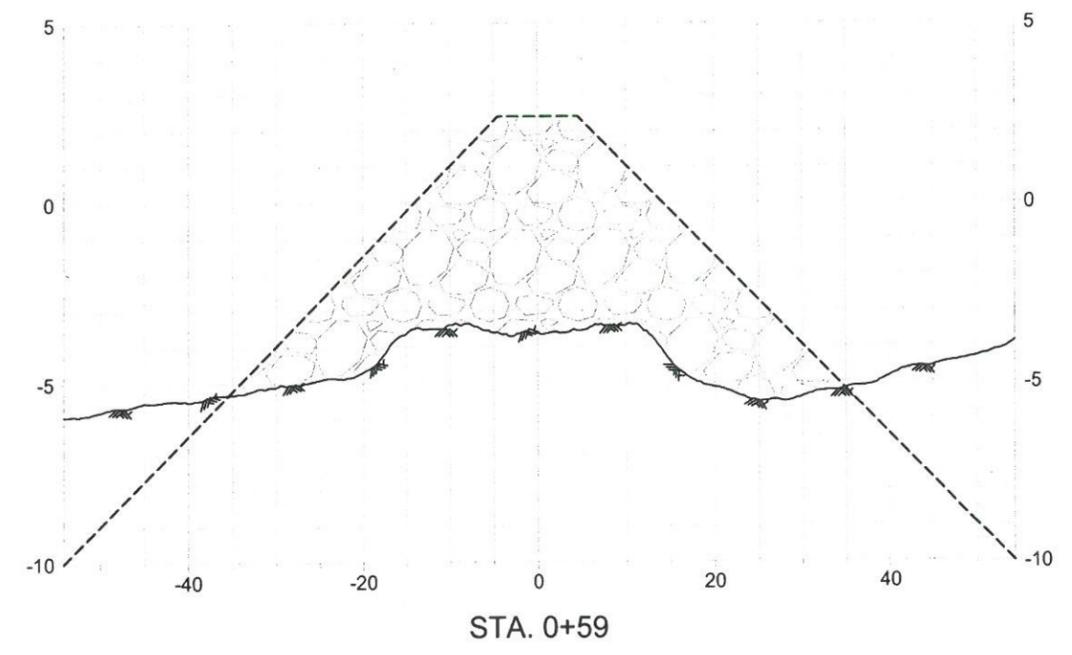
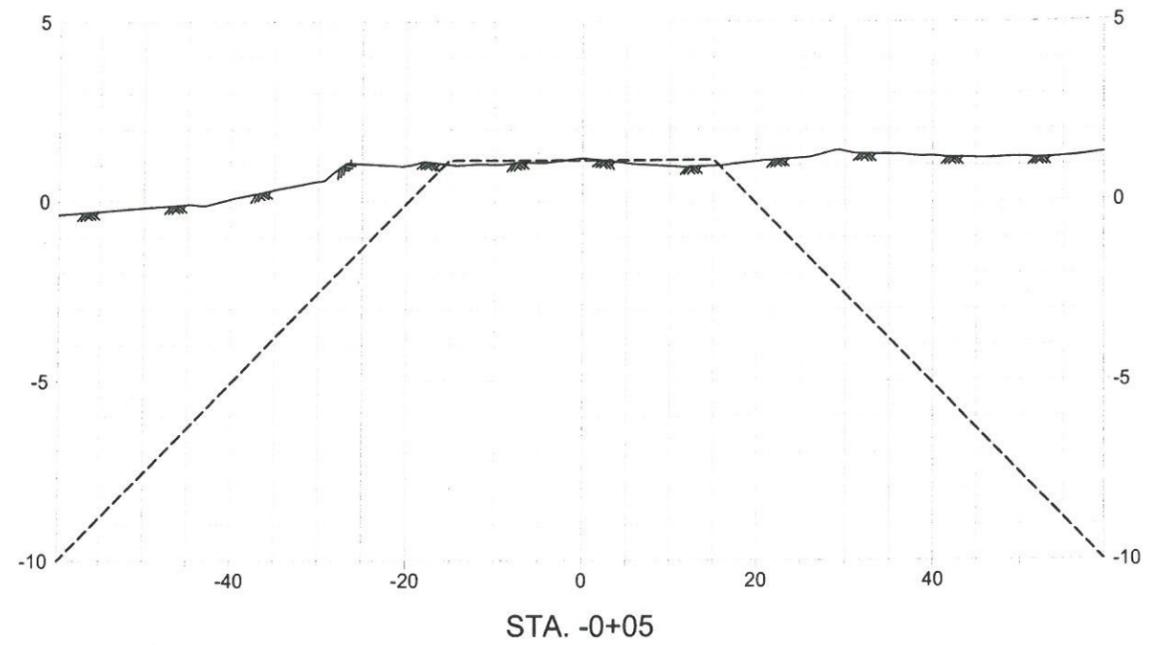
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HORIZONTAL SCALE	
VERTICAL SCALE	
DATE: 11/30/11	JOB# 2111122

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FILE: Pre Construction Survey (Structures 4, 4A, & 4B).dwg

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
 STRUCTURE 4A & 4B RECAPPING SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.

SHEET: 17 OF 22



LEGEND	
	PRE-CONSTRUCTION SURVEY
	ROCK SHORELINE PROTECTION TEMPLATE
	FILL MATERIAL (130 LB ROCK RIP RAP)
	PROPOSED EXCAVATION
	PROPOSED TEMPORARY SPOIL PLACEMENT

REVISED BY:	DATE:
HORIZONTAL SCALE	
VERTICAL SCALE	
DATE: 11/30/11	JOB# 2111122

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TECHNOLOGIES, LLC
LAND SURVEY AND HYDROGRAPHIC SOLUTIONS

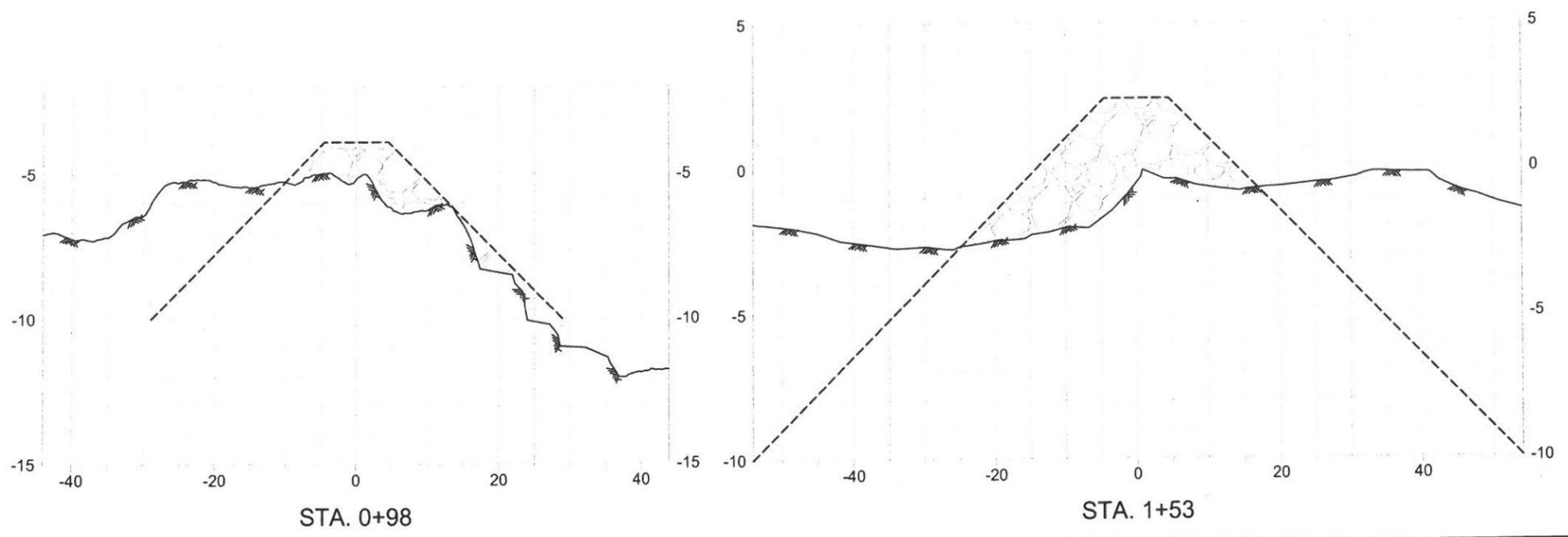
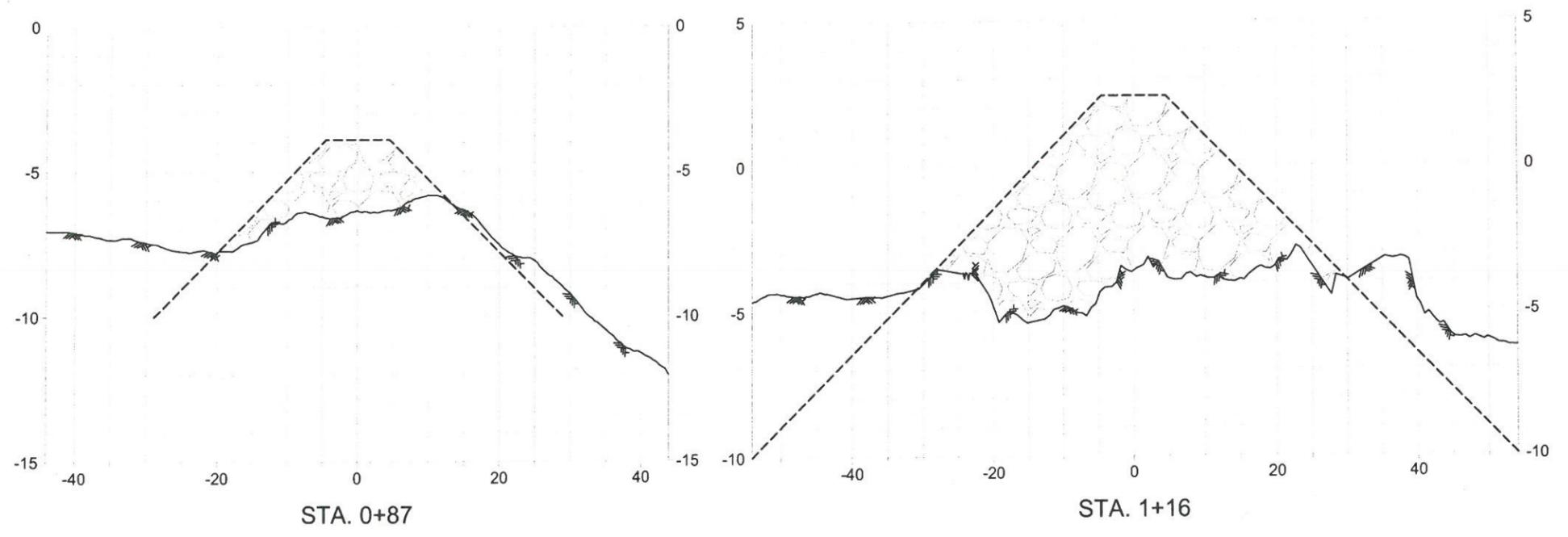
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FILE: Pre Construction Survey (Structures 4, 4A, & 4B).dwg

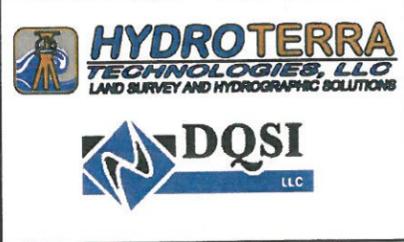
GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
STRUCTURE 4 RECAPPING SECTIONS
SECTION VIEWS
LAFOURCHE PARISH, LA.

SHEET: 18 OF 22



LEGEND	
	PRE-CONSTRUCTION SURVEY
	ROCK SHORELINE PROTECTION TEMPLATE
	FILL MATERIAL (130 LB ROCK RIP RAP)
	PROPOSED EXCAVATION
	PROPOSED TEMPORARY SPOIL PLACEMENT

REVISED BY:	DATE:
HORIZONTAL SCALE	
VERTICAL SCALE	
DATE: 11/30/11	JOB# 2111122

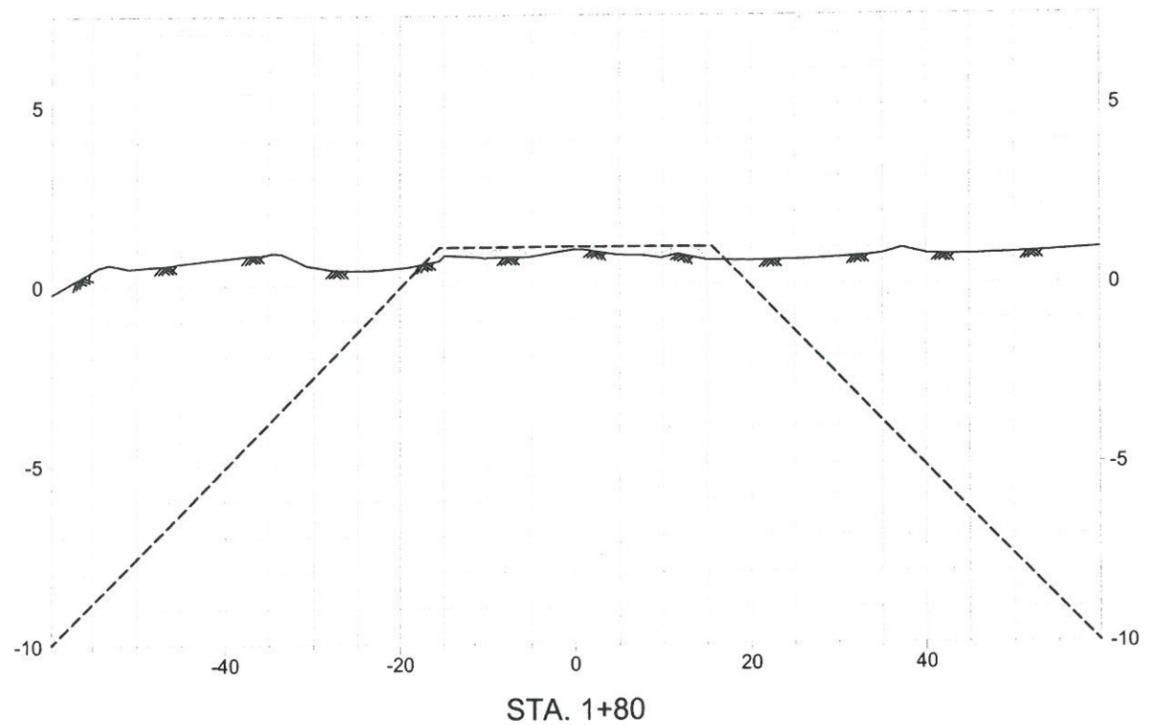


GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
STRUCTURE 4 RECAPPING SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.

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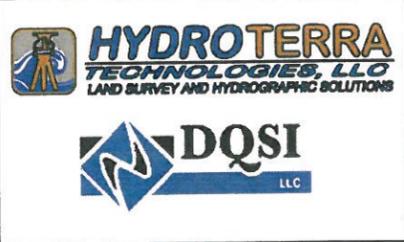
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SHEET: 19 OF 22



LEGEND	
	PRE-CONSTRUCTION SURVEY
	ROCK SHORELINE PROTECTION TEMPLATE
	FILL MATERIAL (130 LB ROCK RIP RAP)
	PROPOSED EXCAVATION
	PROPOSED TEMPORARY SPOIL PLACEMENT

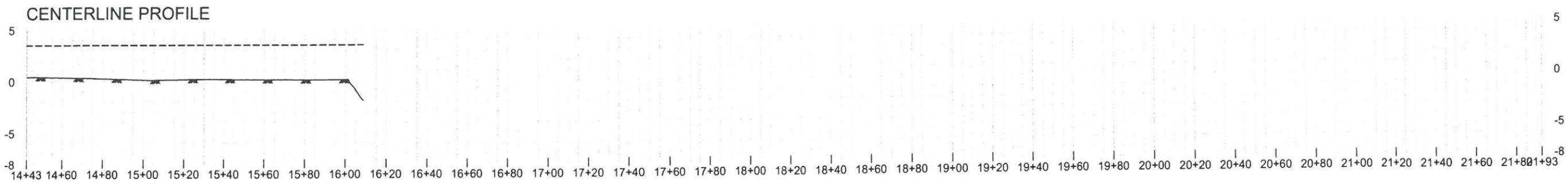
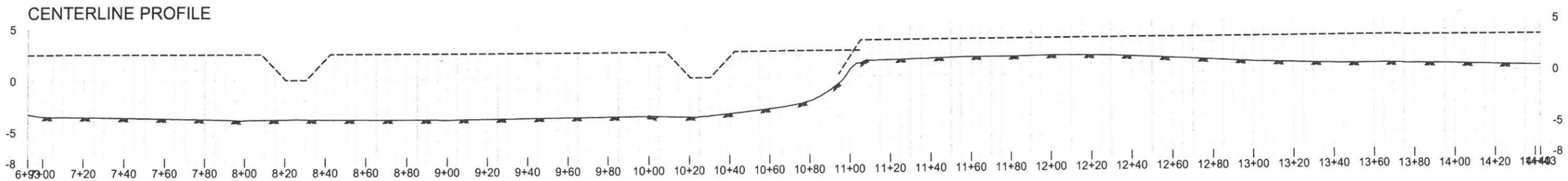
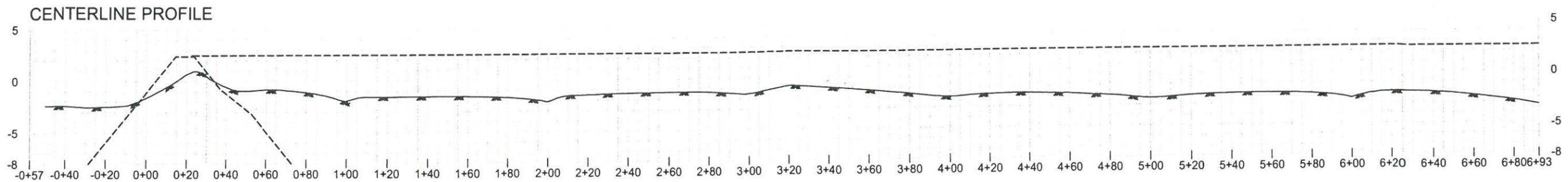
REVISED BY:	DATE:
HORIZONTAL SCALE	
VERTICAL SCALE	
DATE: 11/30/11	JOB# 2111122



GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
STRUCTURE 4 RECAPPING SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.

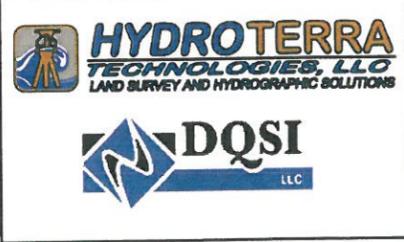
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FILE: Pre Construction Survey (Structures 4, 4A, & 4B).dwg
 SHEET: 20 OF 22



LEGEND	
	PRE-CONSTRUCTION SURVEY
	ROCK SHORELINE PROTECTION TEMPLATE

REVISED BY:	DATE:
HORIZONTAL SCALE	
VERTICAL SCALE	
DATE: 11/30/11	JOB# 2111122



GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
 CENTERLINE PROFILE
 PROFILE VIEWS
 LAFOURCHE PARISH, LA.

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 FILE: Pre Construction Survey (Structures 4, 4A, & 4B).dwg
 SHEET: 21 OF 22

Rock Shoreline Protection Fill Volume Table			
Station	Area	Volume	Cumulative Volume
0+22.61	5.49	0.00	0.00 (CuYds)
1+00.00	73.49	113.19	113.19 (CuYds)
2+00.00	80.77	285.66	398.85 (CuYds)
3+00.00	66.15	272.08	670.93 (CuYds)
4+00.00	78.74	266.83	937.75 (CuYds)
5+00.00	89.90	312.14	1249.89 (CuYds)
6+00.00	93.13	338.93	1588.82 (CuYds)
7+00.00	132.20	418.49	2007.31 (CuYds)
8+00.00	156.15	533.99	2541.30 (CuYds)
8+08.50	226.41	60.18	2601.48 (CuYds)
8+20.50	189.71	92.47	2693.95 (CuYds)
8+30.50	189.30	70.19	2764.14 (CuYds)
8+42.50	226.43	92.38	2856.53 (CuYds)
9+00.00	149.75	400.60	3257.13 (CuYds)
10+00.00	140.90	538.24	3795.36 (CuYds)
10+08.49	220.36	56.82	3852.18 (CuYds)
10+20.49	186.43	90.40	3942.58 (CuYds)
10+30.50	182.41	68.36	4010.93 (CuYds)
10+42.49	208.70	86.81	4097.74 (CuYds)
11+00.00	53.34	279.09	4376.83 (CuYds)
11+02.16	45.36	3.95	4380.78 (CuYds)
TONNAGE = (1.5 X 4380.78)			6,571.17 TONS

Structures 4A & 4B Recapping Fill Volume Table			
Station	Area	Volume	Cumulative Volume
11+02.16	93.12	0.00	0.00 (CuYds)
12+00.00	106.83	364.92	364.92 (CuYds)
13+00.00	116.41	413.41	778.33 (CuYds)
14+00.00	102.13	404.71	1183.04 (CuYds)
15+00.00	91.58	358.73	1541.76 (CuYds)
16+00.00	88.39	333.29	1875.05 (CuYds)
16+08.72	147.73	38.14	1913.19 (CuYds)
TONNAGE = (1.5 X 1913.19)			2,869.785 TONS

Structure 4 Recapping Fill Volume Table			
Station	Area	Volume	Cumulative Volume
-0+04.63	2.12	0.00	0.00 (CuYds)
0+22.54	28.40	15.36	15.36 (CuYds)
0+58.64	243.80	181.97	197.33 (CuYds)
0+77.54	5.73	87.34	284.67 (CuYds)
0+87.48	49.76	10.21	294.88 (CuYds)
0+97.54	37.36	16.23	311.11 (CuYds)
1+16.44	224.95	91.81	402.92 (CuYds)
1+52.54	90.53	210.90	613.82 (CuYds)
1+79.99	5.48	48.81	662.64 (CuYds)
TONNAGE = (1.5 X 662.64)			993.96 TONS



REVISED BY:	DATE:
DATE: 11/30/11	JOB# 2111122





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GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
STRUCTURES 4, 4A, & 4B
 VOLUME TABLES
 LAFOURCHE PARISH, LA.

SHEET: 22 OF 22



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www.DQSI.com

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

December 7, 2011

Submittal
Preconstruction Survey Structure 2

PROJECT (BA-02)

Submitted To:
State of Louisiana
Office of State Purchasing
1201 N. Third Street
Baton Rouge, LA 70802

Contractor:
DQSI Corporation (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

DQSI Corporation

Approved
Approved with corrections as noted on
Submittal data and/or sheet(s)

SIGNATURE: [Signature]
TITLE: [Signature]
DATE: 12/7/2011

REVIEWED FOR GENERAL
COMPLIANCE WITH
CONTRACT DOCUMENTS

NO RESPONSIBILITY IS ASSUMED FOR QUANTITIES OR FOR CORRECTNESS OF DIMENSIONS OR DETAILS.

THIS REVIEW IS SUBJECT TO ALL TERMS AND CONDITIONS OF THE CONTRACT DOCUMENTS WITH SPECIAL REFERENCE TO WARRANTY REQUIREMENTS CONTAINED THEREIN. THE CONTRACTOR SHALL OBTAIN A CERTIFICATION FROM ALL SUPPLIERS AND/OR SUBCONTRACTORS THAT THEY ARE AWARE OF AND ARE ABIDING BY WARRANTY REQUIREMENTS OF THE CONTRACT DOCUMENTS.

NO EXCEPTIONS TAKEN
MAKE CORRECTIONS NOTED
REVISE & RESUBMIT
REJECTED, SEE REMARKS

GSE ASSOCIATES, LLC

BY LBP 12/12/2011



STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

December 7, 2011

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Preconstruction Survey Structure 2

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Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

DQSI Corporation

Approved
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Submittal data and/or sheet(s)

SIGNATURE: _____
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DATE: _____

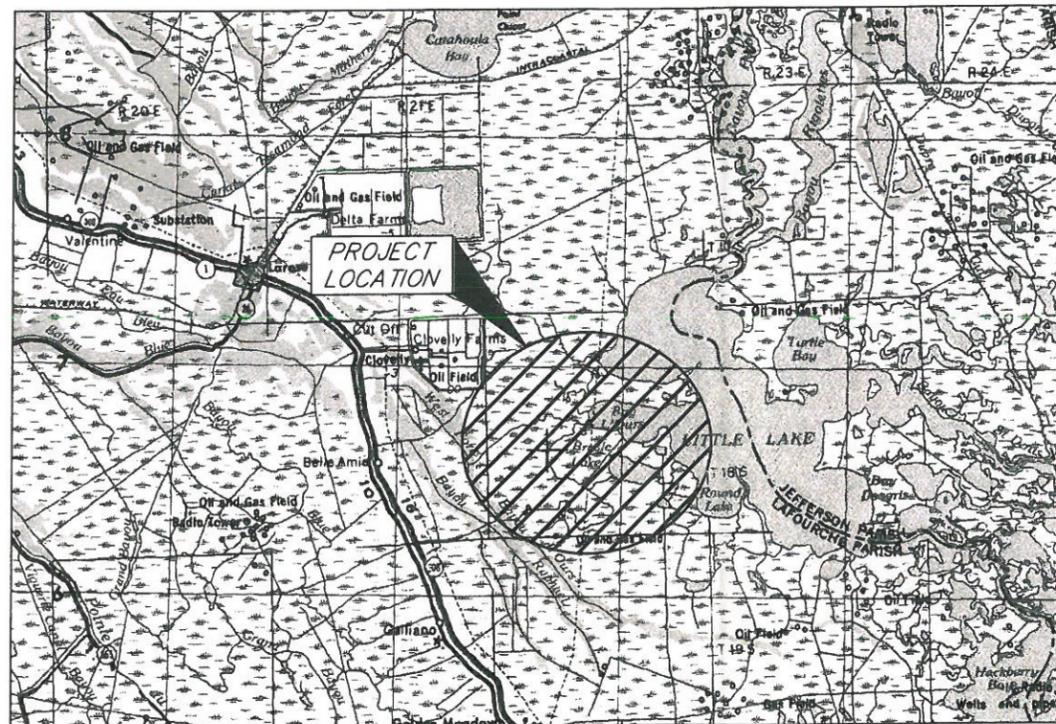
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DQSI, LLC.

PRE-CONSTRUCTION SURVEY
STRUCTURE 2

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT (BA-02)

LAFOURCHE PARISH, LA



VICINITY MAP
(N.T.S.)

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	TITLE PAGE
2	PLAN VIEW
3-7	CROSS SECTIONS
8	CENTERLINE PROFILE

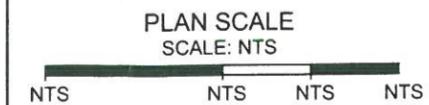


THIS MAP REPRESENTS AN ACTUAL FIELD SURVEY MADE UNDER DIRECT SUPERVISION OF THE UNDERSIGNED.

Keith J. Roberts

KEITH J. ROBERTS, PLS # 4780
202 JACOBS RUN
SCOTT, LA. 70583
(337) 706-8219

REVISED BY:	DATE:



GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
STRUCTURE 2
TITLE PAGE
LAFOURCHE PARISH, LA.

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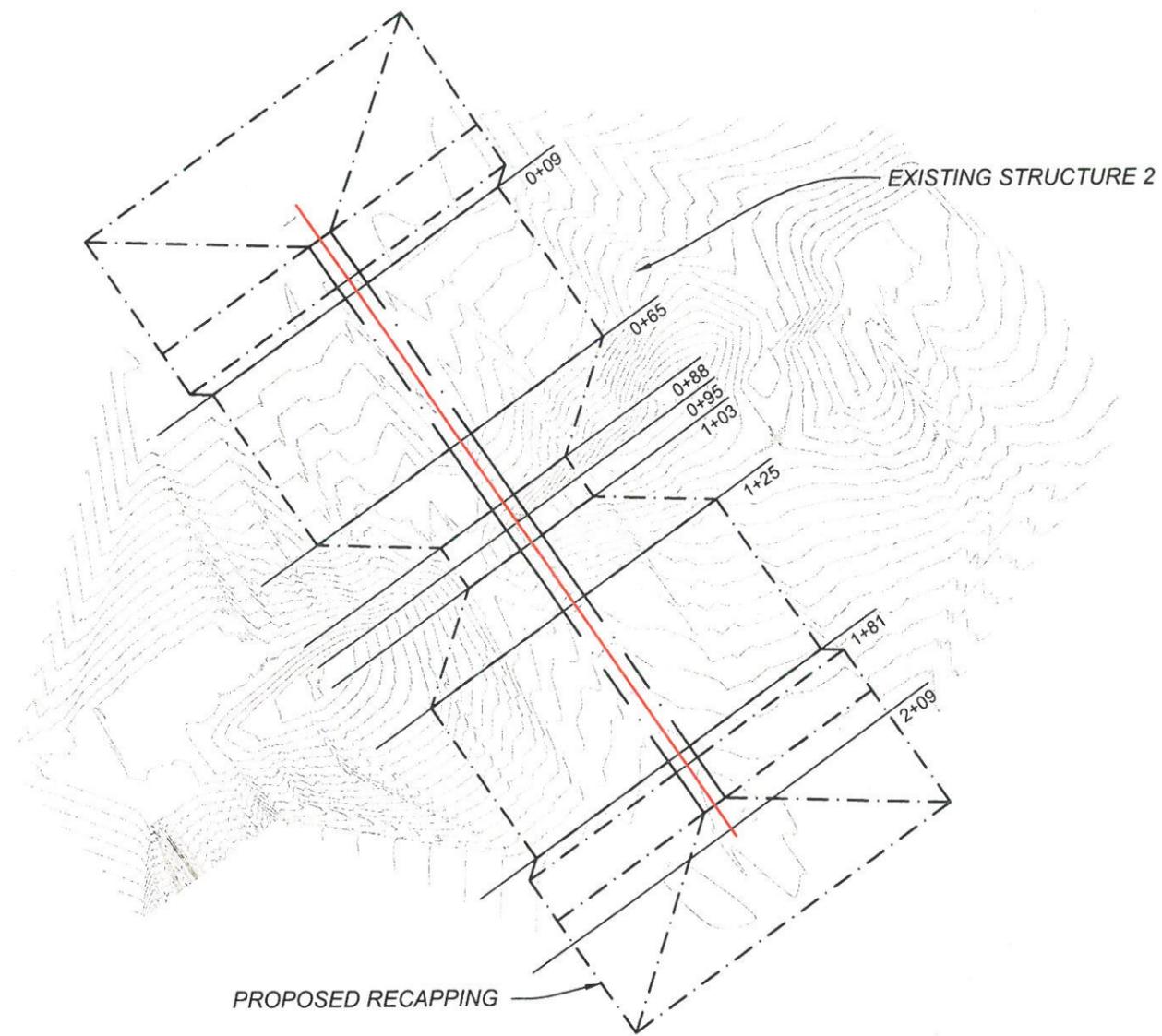
DATE: 12/07/11

JOB# 2111122

FILE: Pre Construction Survey (Structure 14A).dwg

SHEET: 1 OF 8

LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM



- NOTES:
1. ALL HORIZONTAL COORDINATES ARE BASED ON LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM, US SURVEY FOOT AS DERIVED FROM PROJECT CONTROL VIA GPS KINEMATIC OBSERVATIONS.
 2. ELEVATIONS ARE BASED ON NAVD 88 US SURVEY FEET (GEOID 03 (2004.65)) AS DERIVED FROM PROJECT CONTROL.
 3. TOPOGRAPHIC SURVEY DATA ACQUISITION PERFORMED WITH RTK SURVEY METHODS.
 4. HYDROGRAPHIC SURVEY DATA ACQUISITION PERFORMED USING A 200kHz ODOM ECHOTRACK TRANSDUCER INTEGRATED WITH RTK TIDES.
 5. THIS DRAWING INDICATES GENERAL CONDITIONS AT THE TIME OF SURVEY.
 6. PRE-CONSTRUCTION SURVEY DATA ACQUISITION WAS PERFORMED NOVEMBER 21 - 23, 2011, DECEMBER 1-6, 2011.

LEGEND	
	BASILINE
	0+00 CROSS SECTION
	PROPOSED RECAPPING

REVISED BY:	DATE:
HORIZONTAL SCALE	
DATE: 12/07/11	JOB# 2111122

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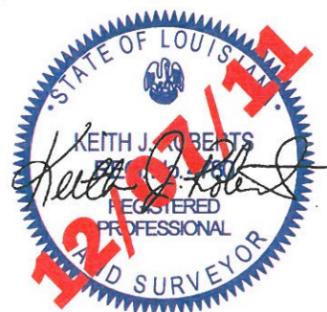
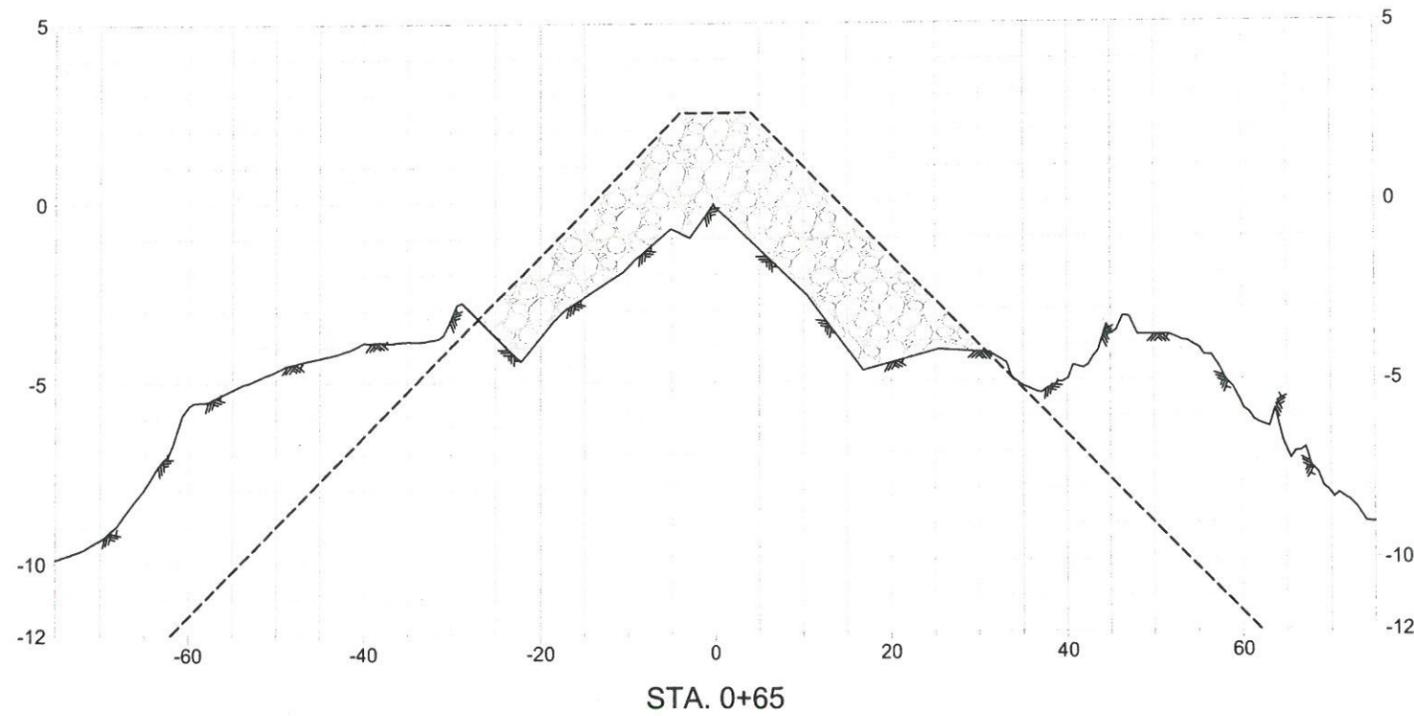
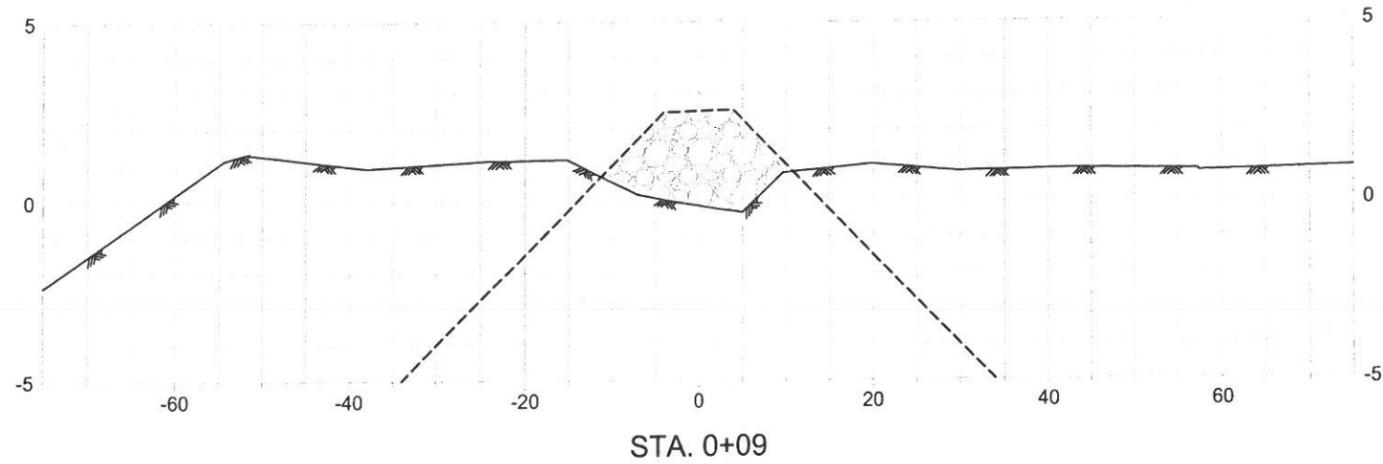
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FILE: Pre Construction Survey (Structure 14A).dwg

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
 PRE-CONSTRUCTION SURVEY
 STRUCTURE 2
 PLAN VIEW
 LAFOURCHE PARISH, LA.

SHEET: 2 OF 8



LEGEND	
	PRE-CONSTRUCTION SURVEY
	STRUCTURE 2 RECAPPING
	FILL MATERIAL (130 LB ROCK RIP RAP)

REVISED BY:	DATE:
HORIZONTAL SCALE	
VERTICAL SCALE	
DATE: 12/07/11	JOB# 2111122

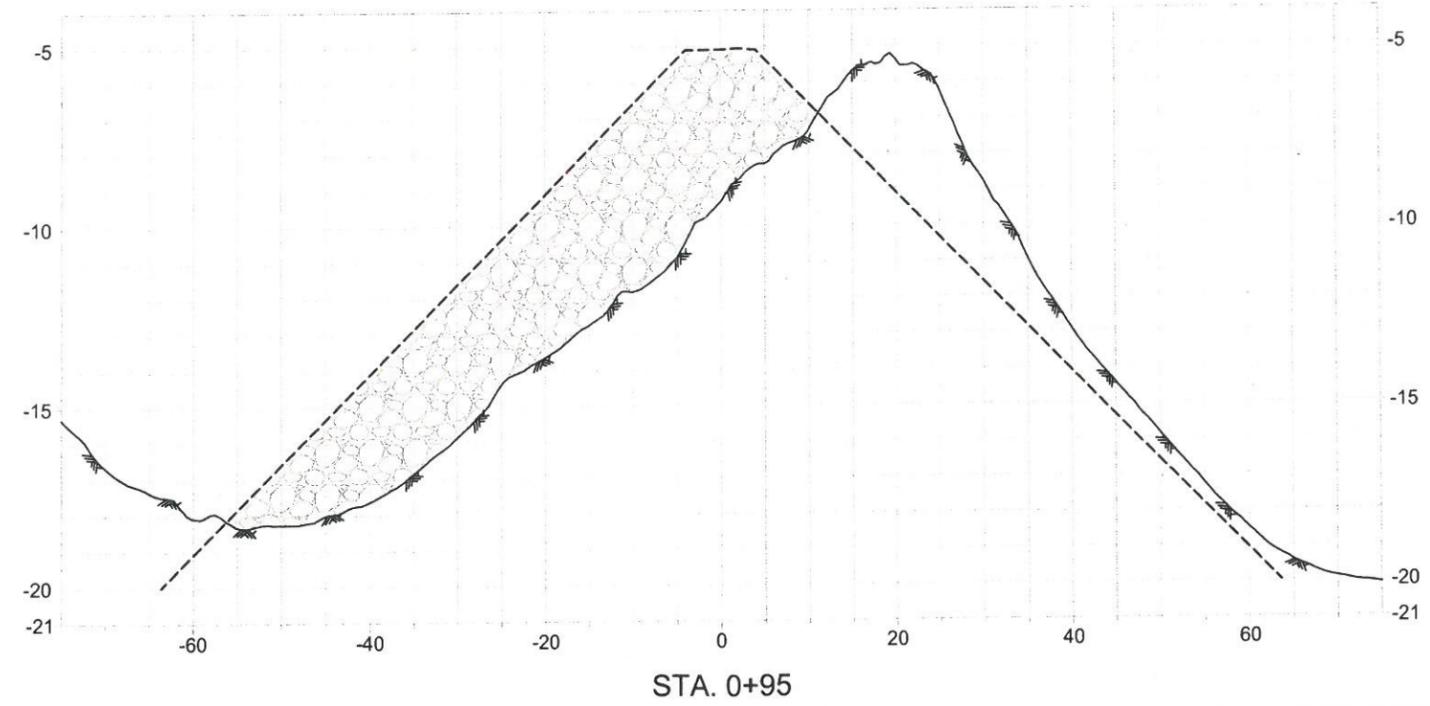
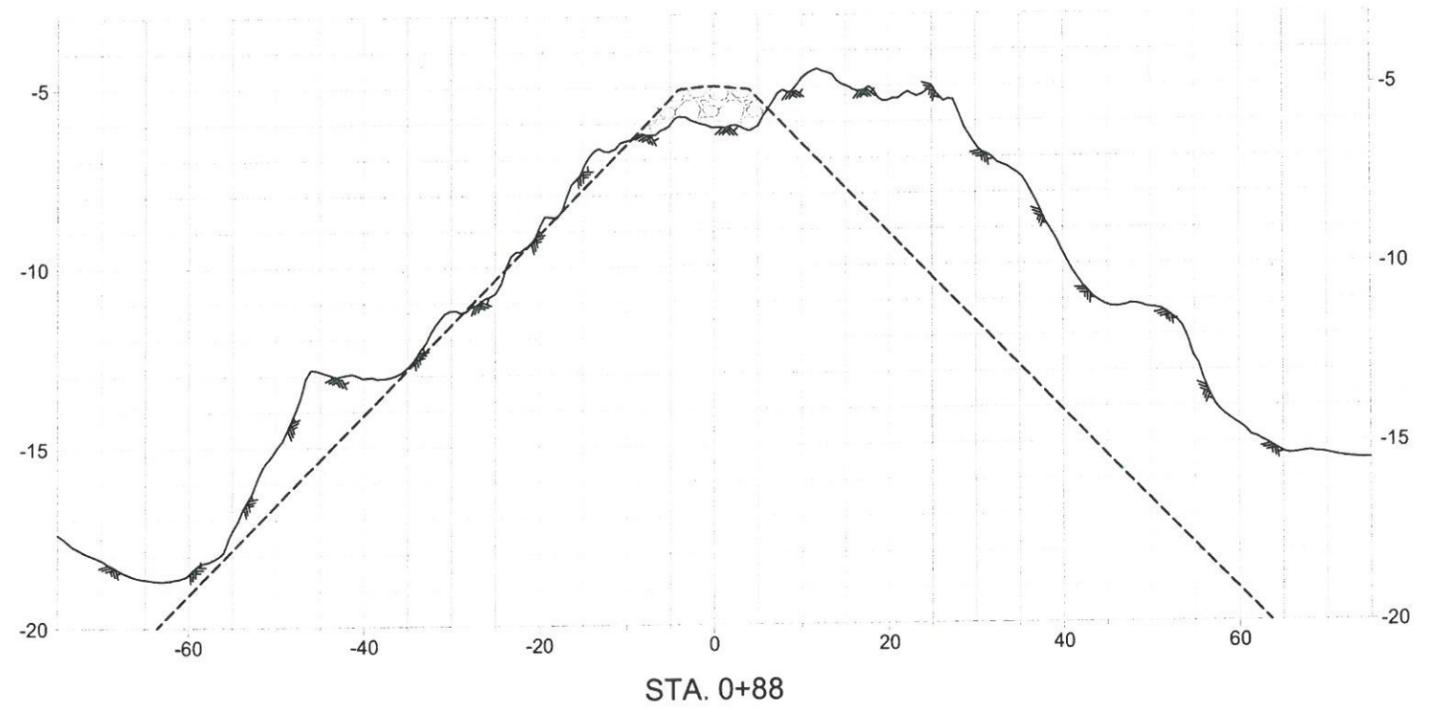


GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
STRUCTURE 2 RECAPPING SECTIONS
SECTION VIEWS
LAFOURCHE PARISH, LA.

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FILE: Pre Construction Survey (Structure 14A).dwg

SHEET: 3 OF 8



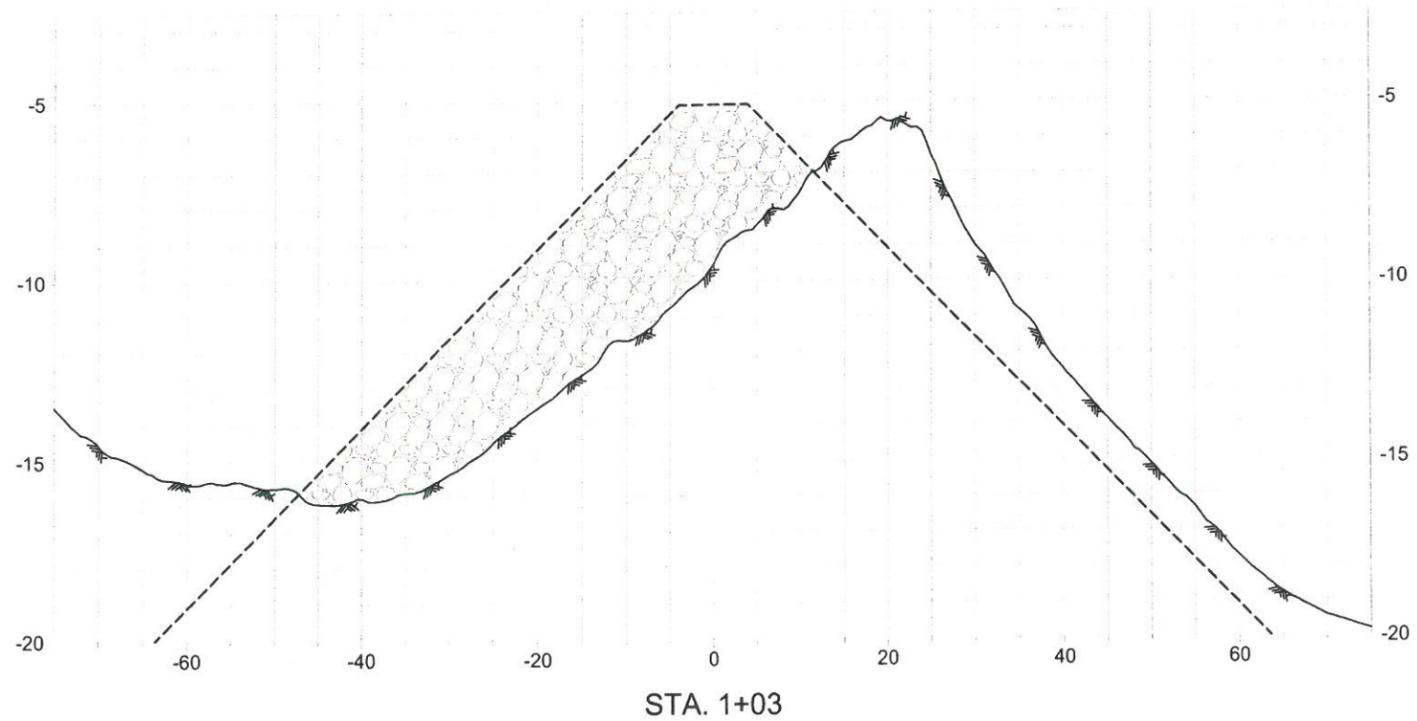
LEGEND	
	PRE-CONSTRUCTION SURVEY
	STRUCTURE 2 RECAPPING
	FILL MATERIAL (130 LB ROCK RIP RAP)

REVISED BY:	DATE:
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VERTICAL SCALE	
DATE: 12/07/11	JOB# 2111122

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2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
STRUCTURE 2 RECAPPING SECTIONS
SECTION VIEWS
LAFOURCHE PARISH, LA.



LEGEND

-  PRE-CONSTRUCTION SURVEY
-  STRUCTURE 2 RECAPPING
-  FILL MATERIAL
(130 LB ROCK RIP RAP)

REVISED BY:

DATE:

HORIZONTAL SCALE



VERTICAL SCALE



DATE: 12/07/11

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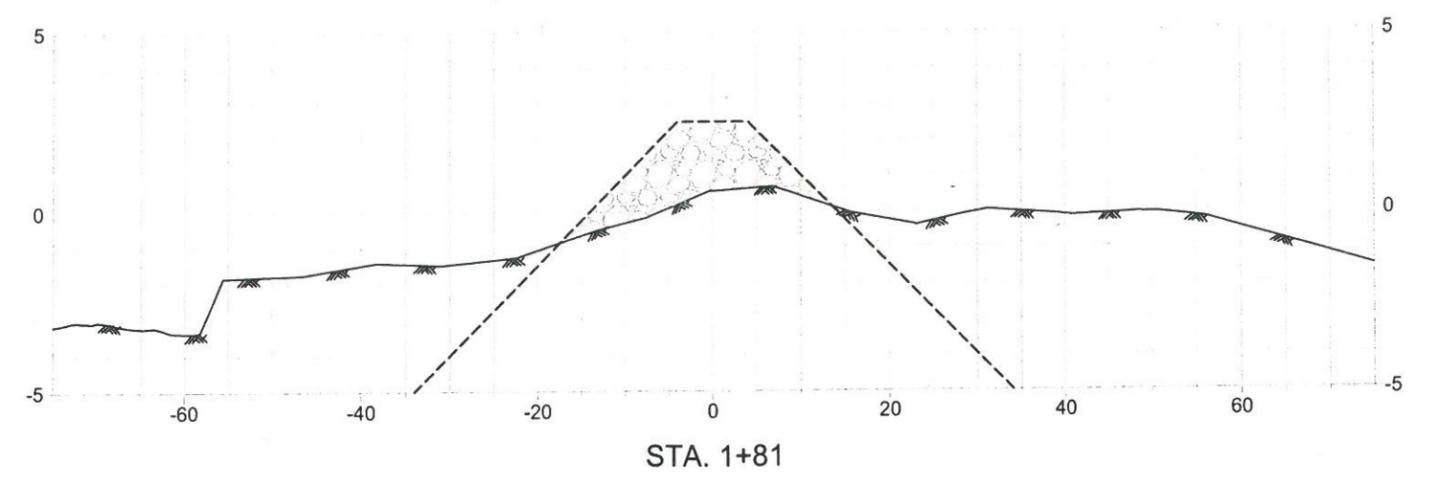
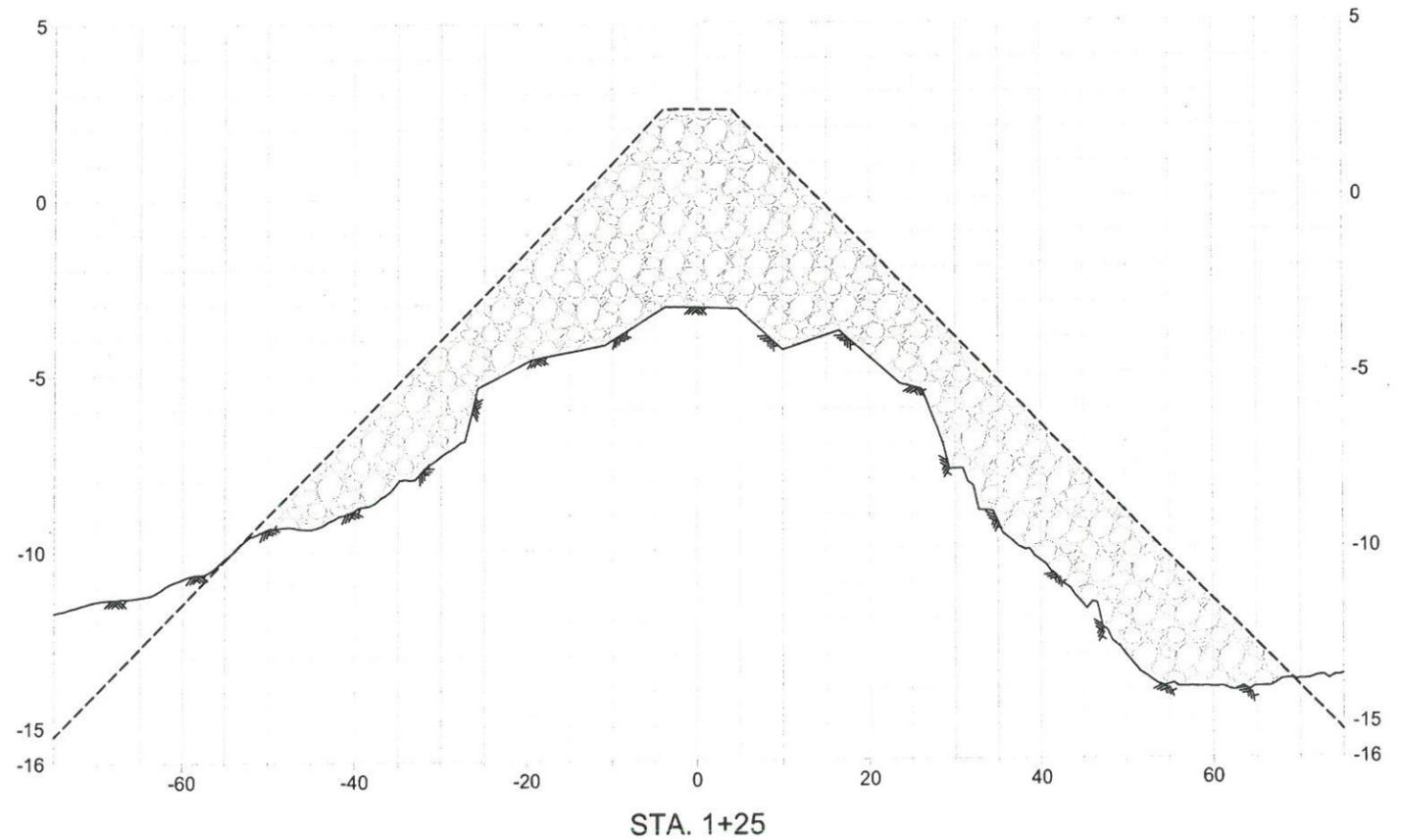
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GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT (BA-02)

PRE-CONSTRUCTION SURVEY
STRUCTURE 2 RECAPPING SECTIONS

SECTION VIEWS
LAFOURCHE PARISH, LA.

SHEET: 5 OF 8



LEGEND	
	PRE-CONSTRUCTION SURVEY
	STRUCTURE 2 RECAPPING
	FILL MATERIAL (130 LB ROCK RIP RAP)

REVISED BY:	DATE:
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VERTICAL SCALE	
DATE: 12/07/11	JOB# 2111122

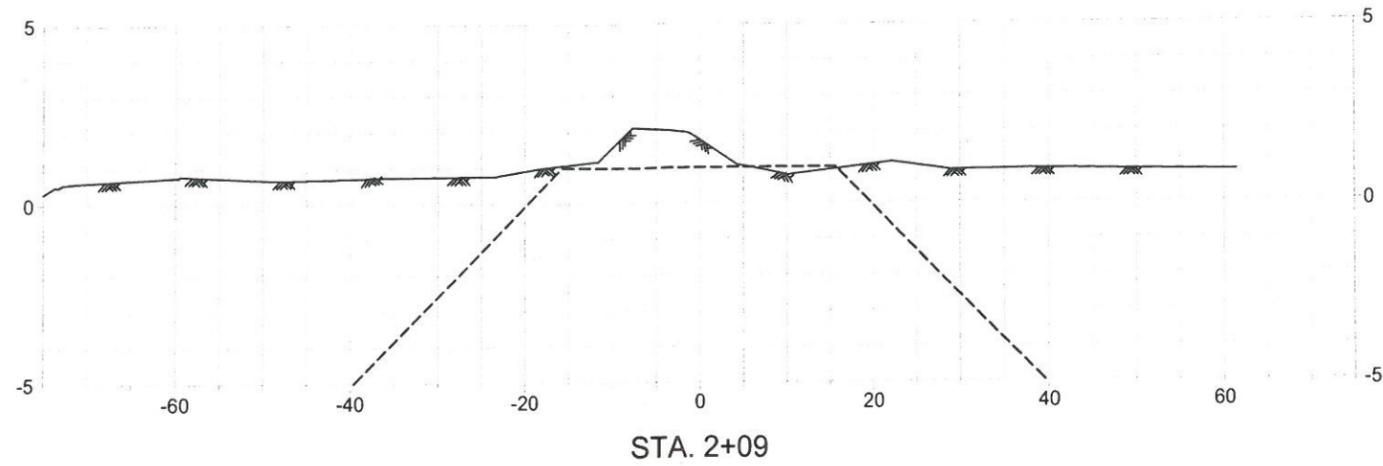
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FILE: Pre Construction Survey (Structure 14A).dwg

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
STRUCTURE 2 RECAPPING SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.

SHEET: 6 OF 8



STRUCTURE 2 FILL VOLUME TABLE

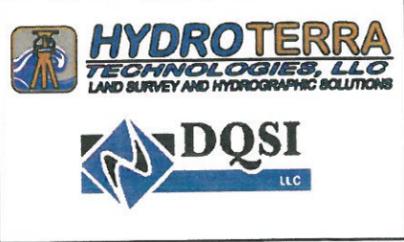
Station	Area	Volume	Cumulative Volume
0+08.80	40.04	0.00	0.00 (CuYds)
0+64.80	149.98	197.05	197.05 (CuYds)
0+87.60	13.00	68.81	265.87 (CuYds)
0+95.10	242.10	35.43	301.30 (CuYds)
1+02.60	208.55	62.59	363.89 (CuYds)
1+25.40	419.55	265.19	629.08 (CuYds)
1+81.40	39.75	476.31	1105.39 (CuYds)
2+09.41	1.22	21.25	1126.64 (CuYds)
TONNAGE = (1.5 X 1126.64)			1,689.96 TONS



LEGEND

	PRE-CONSTRUCTION SURVEY
	STRUCTURE 2 RECAPPING
	FILL MATERIAL (130 LB ROCK RIP RAP)

REVISED BY:	DATE:
HORIZONTAL SCALE	
VERTICAL SCALE	
DATE: 12/07/11	JOB# 2111122

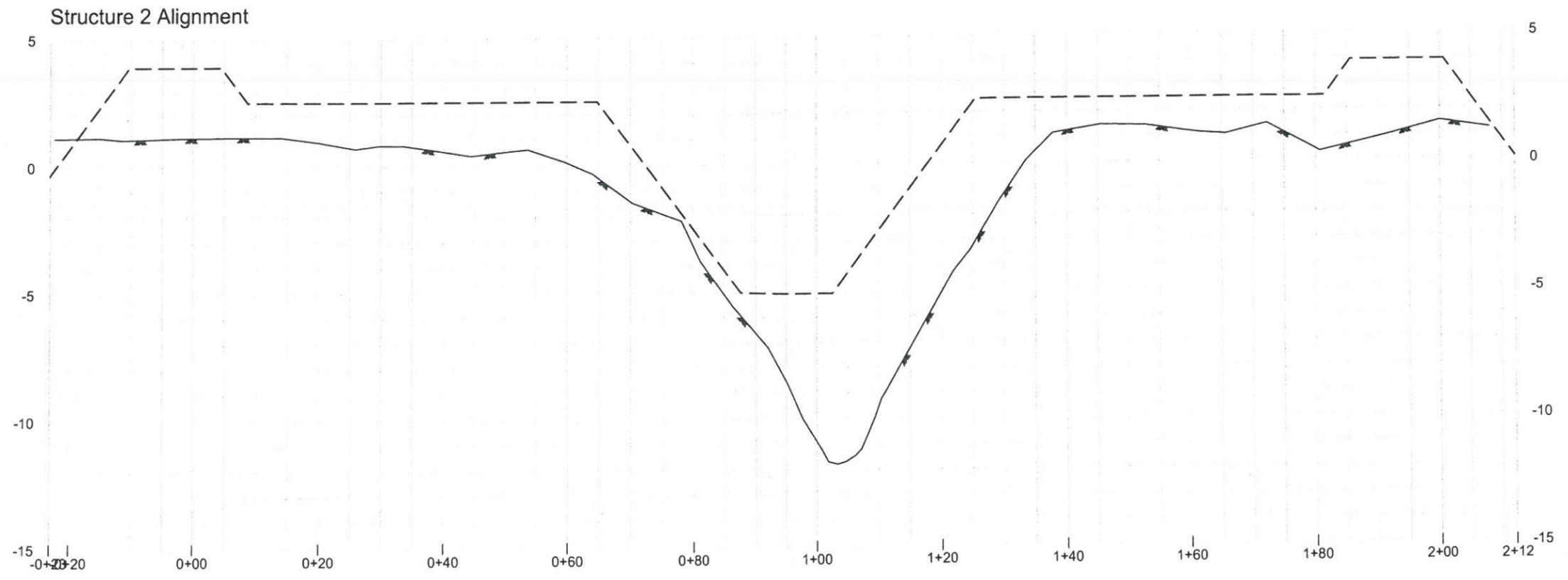


GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
STRUCTURE 2 RECAPPING SECTIONS
SECTION VIEWS
LAFOURCHE PARISH, LA.

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FILE: Pre Construction Survey (Structure 14A).dwg

SHEET: 7 OF 8



LEGEND	
	PRE-CONSTRUCTION SURVEY
	STRUCTURE 2 RECAPPING

REVISED BY:	DATE:
HORIZONTAL SCALE	
VERTICAL SCALE	
DATE: 12/07/11	JOB# 2111122

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FILE: Pre Construction Survey (Structure 14A).dwg

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
STRUCTURE 2 CENTERLINE PROFILE
 PROFILE VIEW
 LAFOURCHE PARISH, LA.

SHEET: 8 OF 8



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STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT
LAFOURCHE PARISH, LA

December 22, 2011

Submittal
Pre-Construction Survey
Lake Rim and Alternate #1

PROJECT (BA-02)

Submitted To:
State of Louisiana
Office of State Purchasing
1201 N. Third Street
Baton Rouge, LA 70802

Contractor:
DQSI, LLC (DQSI)
Shelly Stubbs, President and CEO
19218 North 5th Street
Covington, LA 70433
Tel: (985) 871-7472 Fax: (985) 871-1072

**REVIEWED FOR GENERAL
COMPLIANCE WITH
CONTRACT DOCUMENTS**

NO RESPONSIBILITY IS ASSUMED FOR QUANTITIES OR FOR CORRECTNESS OF DIMENSIONS OR DETAILS.

THIS REVIEW IS SUBJECT TO ALL TERMS AND CONDITIONS OF THE CONTRACT DOCUMENTS WITH SPECIAL REFERENCE TO WARRANTY REQUIREMENTS CONTAINED THEREIN. THE CONTRACTOR SHALL OBTAIN A CERTIFICATION FROM ALL SUPPLIERS AND/OR SUBCONTRACTORS THAT THEY ARE AWARE OF AND ARE ABIDING BY THE WARRANTY REQUIREMENTS OF THE CONTRACT DOCUMENTS.

NO EXCEPTIONS TAKEN	<input checked="" type="checkbox"/>
MAKE CORRECTIONS NOTED	<input type="checkbox"/>
REVISE & RESUBMIT	<input type="checkbox"/>
REJECTED. SEE REMARKS	<input type="checkbox"/>

GSE ASSOCIATES, INC.

By UBP Date 1/3/20

DQSI Corporation

Approved
Approved with corrections as noted on
Submittal data and/or sheet(s)

SIGNATURE:

TITLE:

DATE:

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[Handwritten Date: 12/22/2011]



STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2010
MAINTENANCE PROJECT

LAFOURCHE PARISH, LA

December 22, 2011

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Pre-Construction Survey
Lake Rim and Alternate #1

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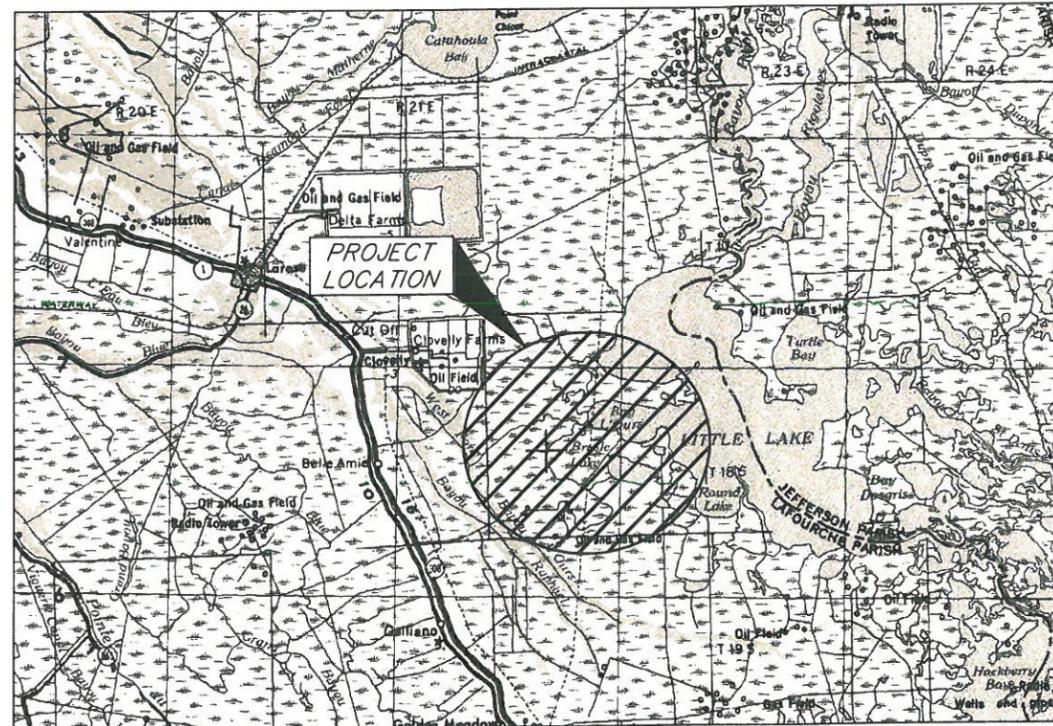
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12/22/2011

DQSI, LLC.

PRE-CONSTRUCTION SURVEY
LAKE RIM AND BRETON CANAL

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT (BA-02)

LAFOURCHE PARISH, LA



VICINITY MAP
(N.T.S.)

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	TITLE PAGE
2	PLAN VIEW
3 - 22	CROSS SECTIONS
23 - 29	VOLUME REPORTS



THIS MAP REPRESENTS AN ACTUAL FIELD SURVEY MADE UNDER DIRECT SUPERVISION OF THE UNDERSIGNED.

Keith J. Roberts

KEITH J. ROBERTS, PLS # 4780
202 JACOBS RUN
SCOTT, LA. 70583
(337) 706-8219

REVISED BY:	DATE:
PLAN SCALE SCALE: NTS 	
DATE: 12/22/11	JOB# 2111122

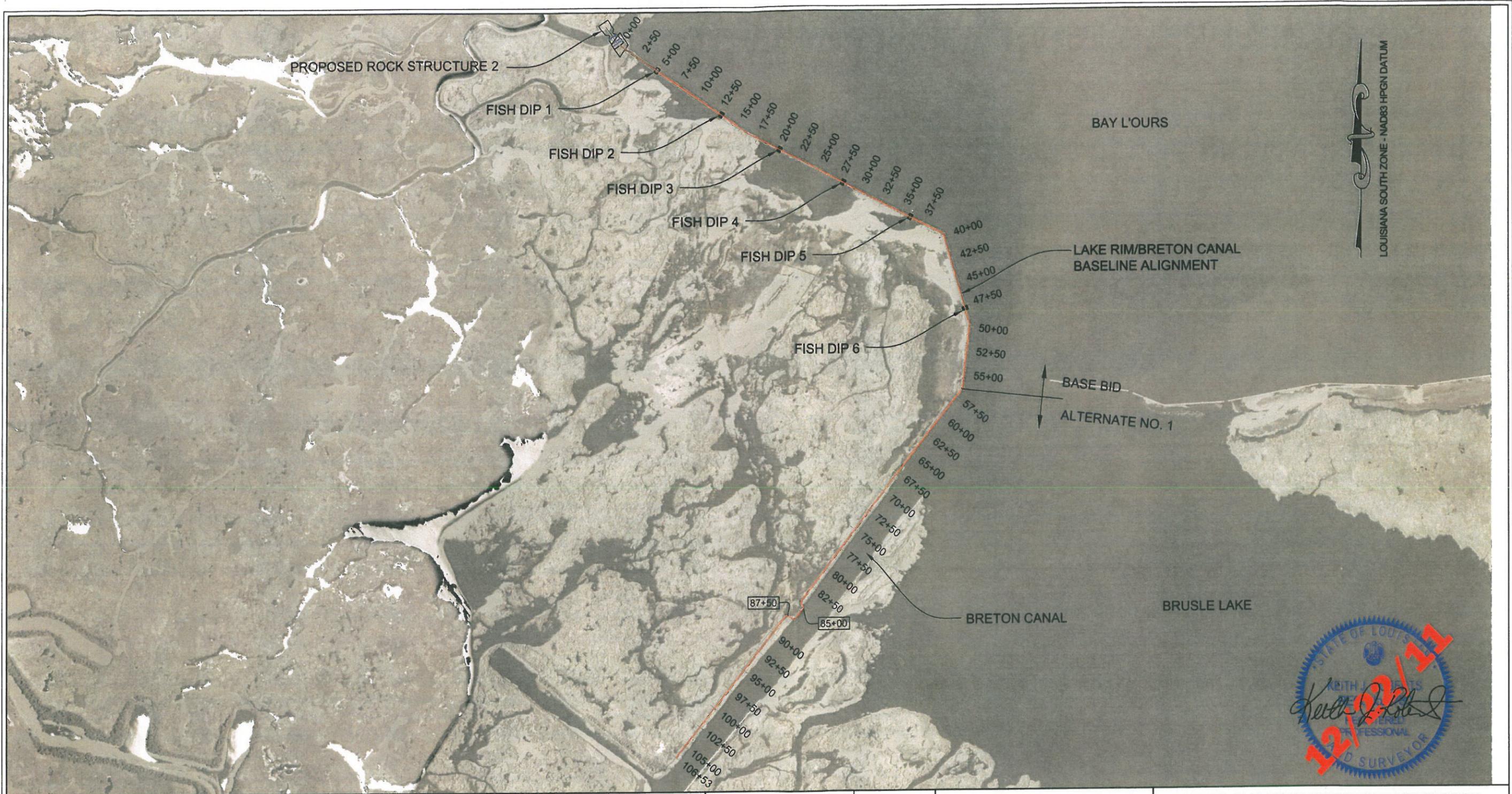


GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT (BA-02)

PRE-CONSTRUCTION SURVEY
LAKE RIM AND BRETON CANAL

TITLE PAGE
LAFOURCHE PARISH, LA.

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583



NOTES:

1. ALL HORIZONTAL COORDINATES ARE BASED ON LOUISIANA SOUTH ZONE - NAD83 HPGN DATUM, US SURVEY FOOT AS DERIVED FROM PROJECT CONTROL VIA GPS KINEMATIC OBSERVATIONS.
2. ELEVATIONS ARE BASED ON NAVD 88 US SURVEY FEET (GEOID 03 (2004.65)) AS DERIVED FROM PROJECT CONTROL.
3. TOPOGRAPHIC SURVEY DATA ACQUISITION PERFORMED WITH RTK SURVEY METHODS.
4. HYDROGRAPHIC SURVEY DATA ACQUISITION PERFORMED USING A 200kHz ODOM ECHOTRACK TRANSDUCER INTEGRATED WITH RTK TIDES.
5. THIS DRAWING INDICATES GENERAL CONDITIONS AT THE TIME OF SURVEY.
6. PRE-CONSTRUCTION SURVEY DATA ACQUISITION WAS PERFORMED NOVEMBER 22 and 29, 2011 and DECEMBER 1 and 8, 2011.

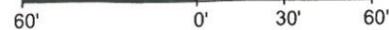
LEGEND

- BASELINE
- 0+00 CROSS SECTION
- - - - PROPOSED RECAPPING

REVISED BY:

DATE:

HORIZONTAL SCALE



DATE: 12/22/11

JOB# 2111122

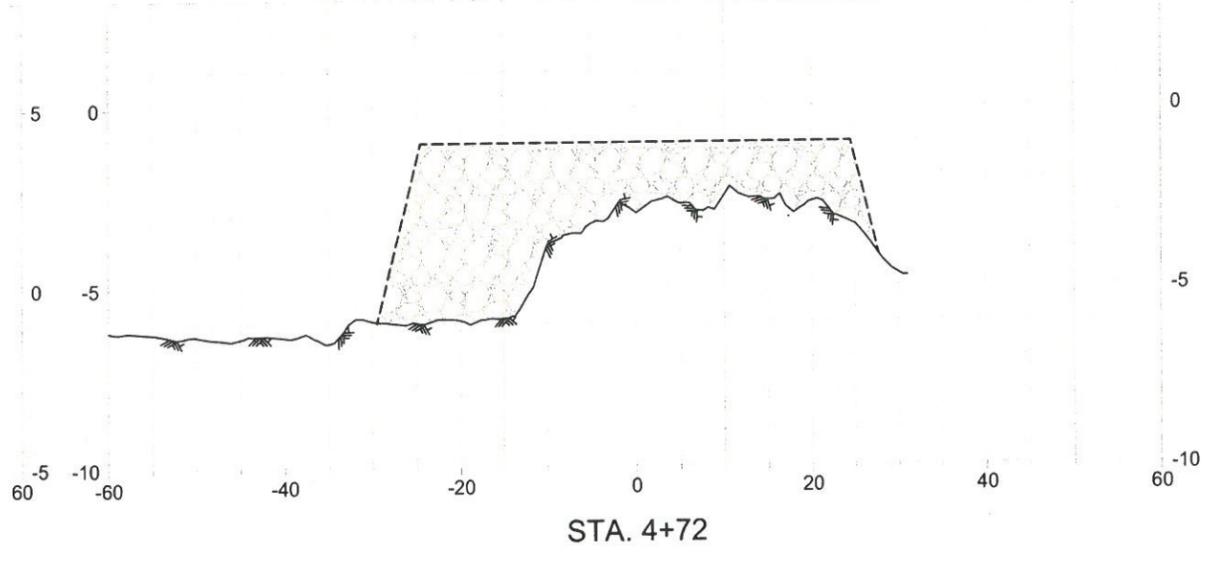
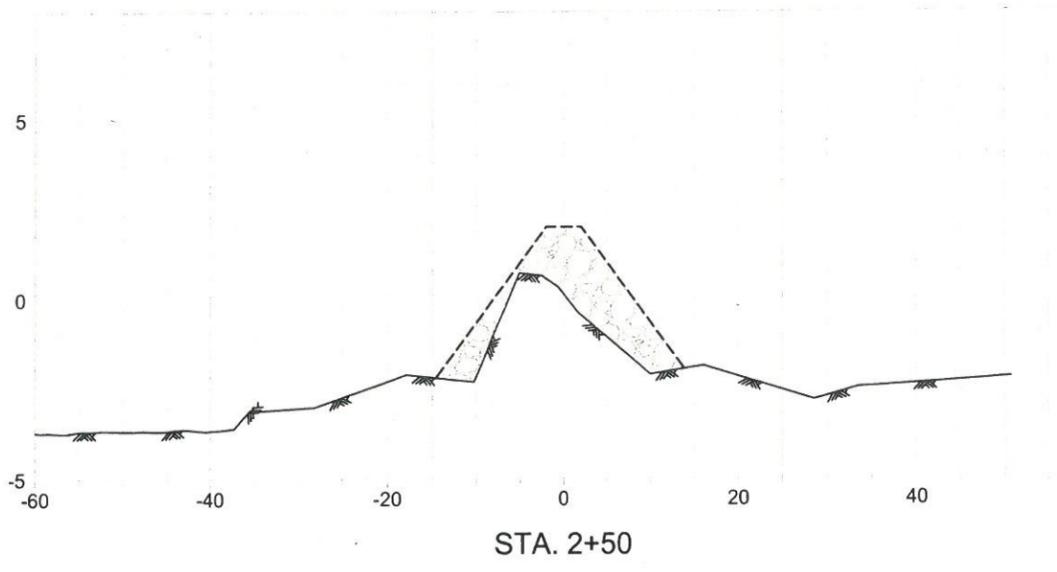
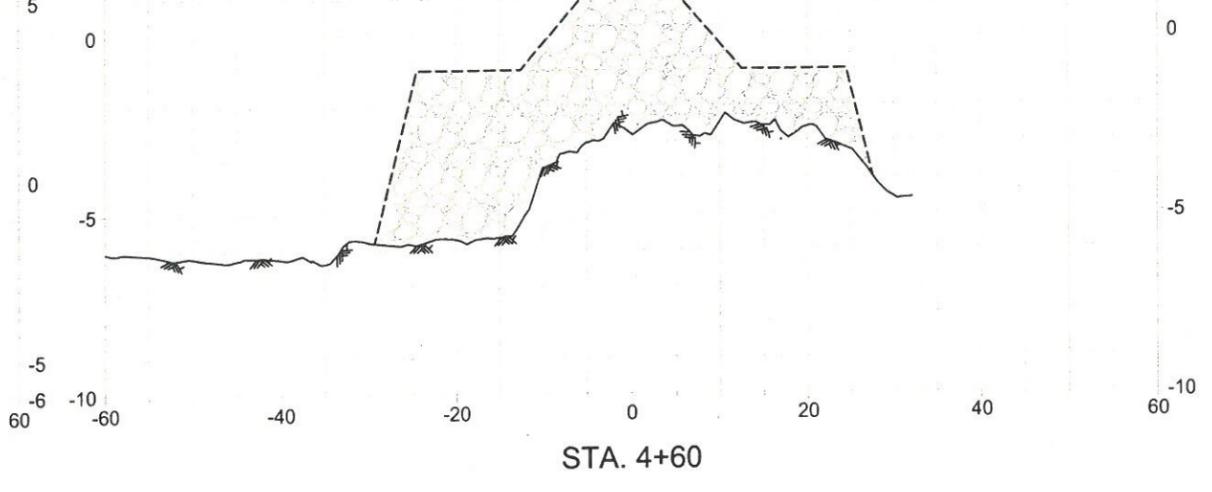
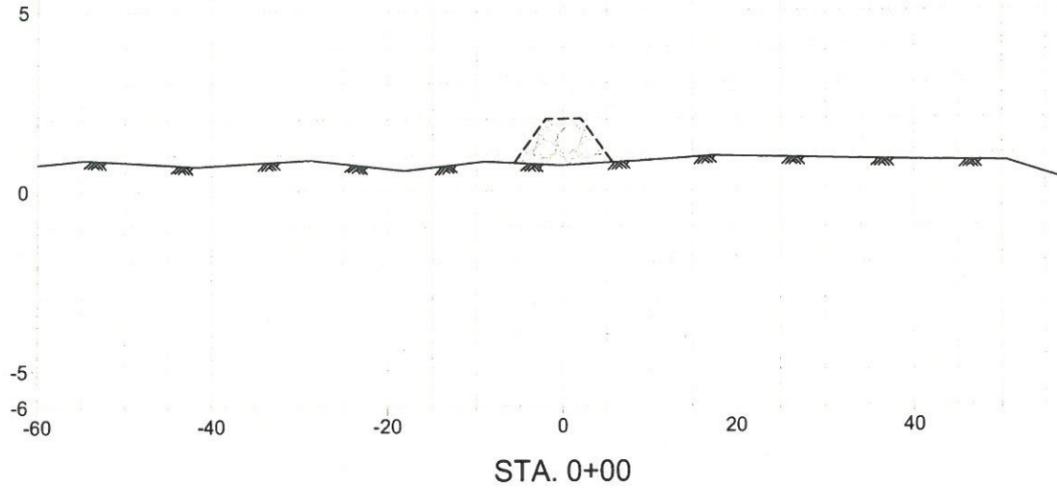


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GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
 PRE-CONSTRUCTION SURVEY
 LAKE RIM AND BRETON CANAL
 PLAN VIEW
 LAFOURCHE PARISH, LA.

FILE: Pre Construction Survey (Lake Rim/Breton Canal).dwg

SHEET: 2 OF 29



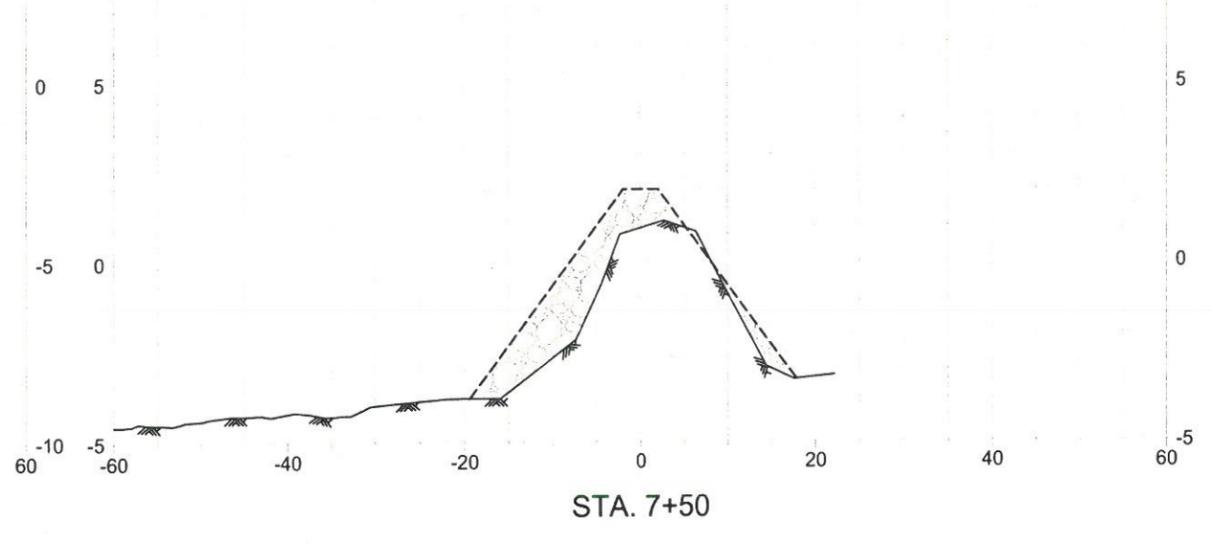
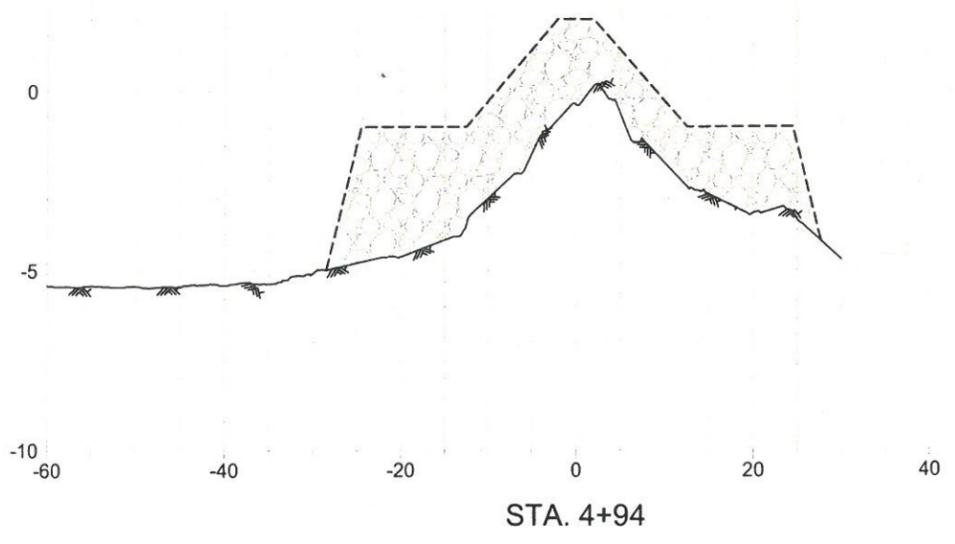
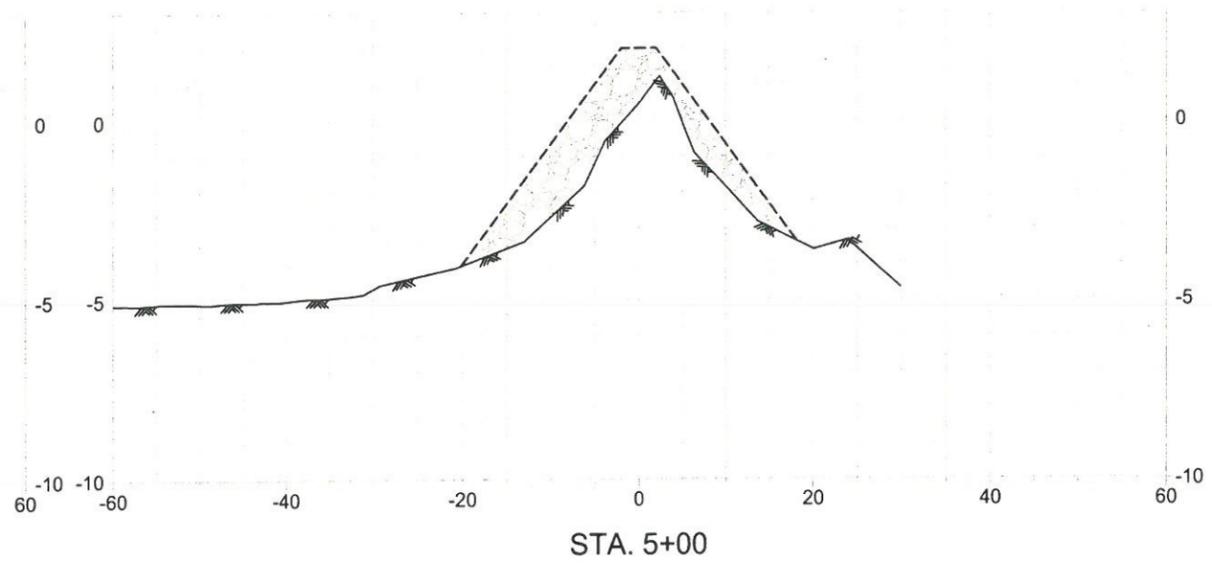
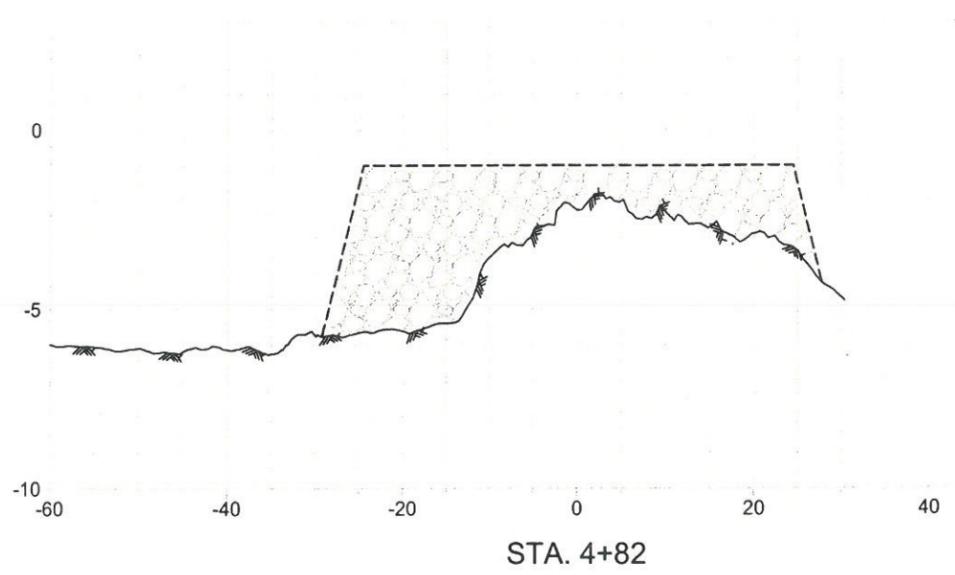
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	STRUCTURE 14A RECAPPING
	FILL MATERIAL (130 LB ROCK RIP RAP)

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VERTICAL SCALE	
DATE: 12/22/11	JOB# 2111122



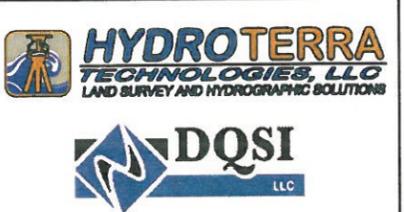
GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
 LAKE RIM/BRETON CANAL RECAPPING SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583
 FILE: Pre Construction Survey (Lake Rim/Breton Canal).dwg
 SHEET: 3 OF 29



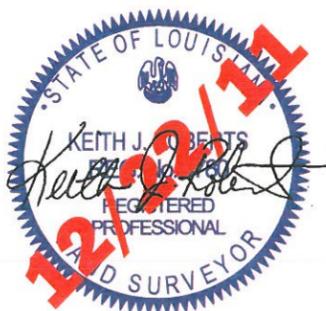
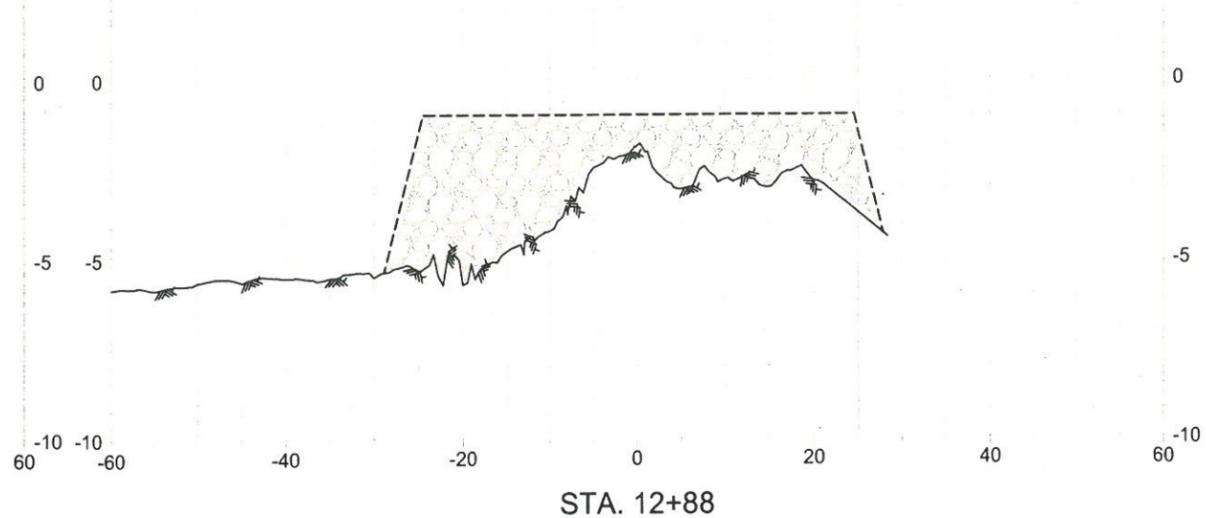
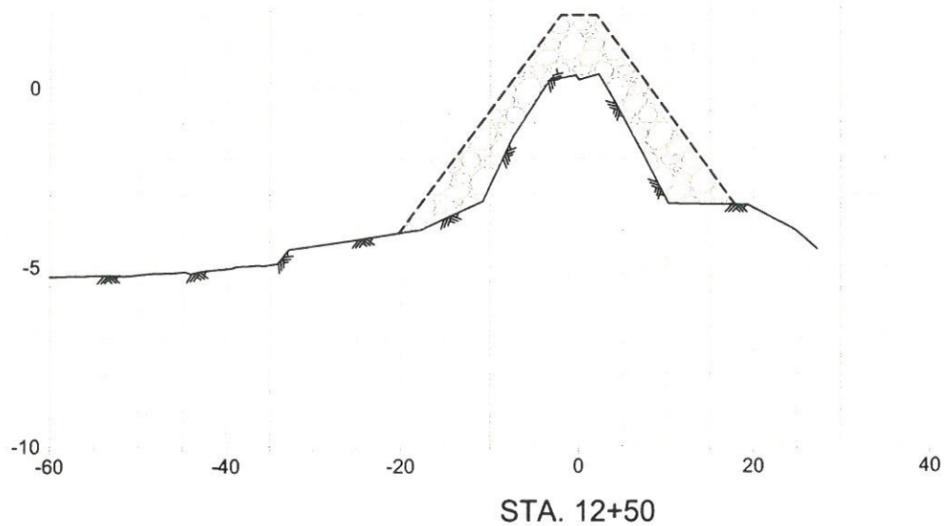
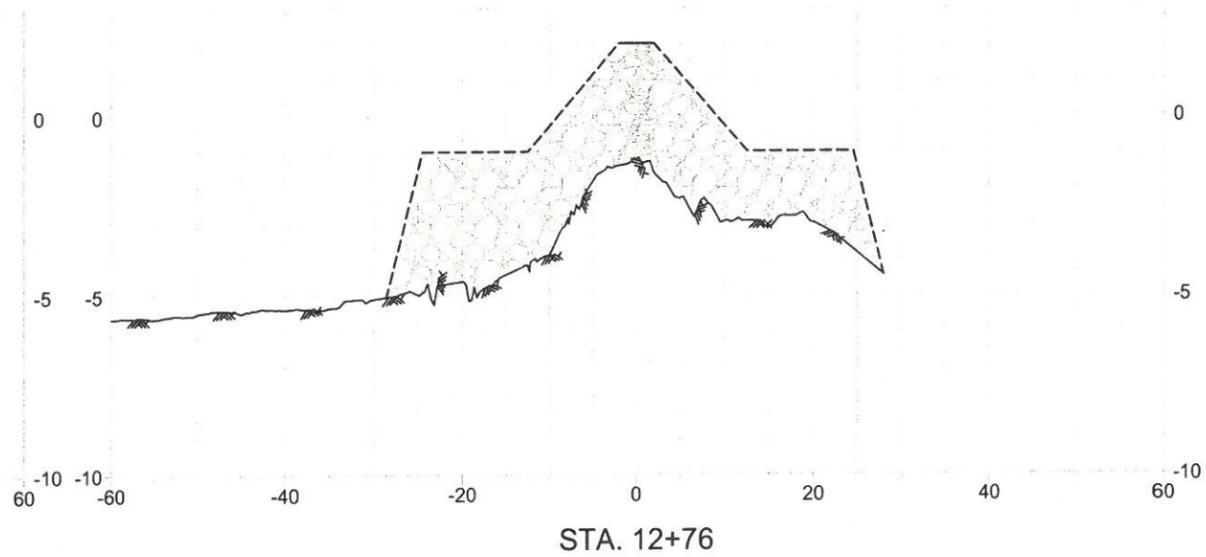
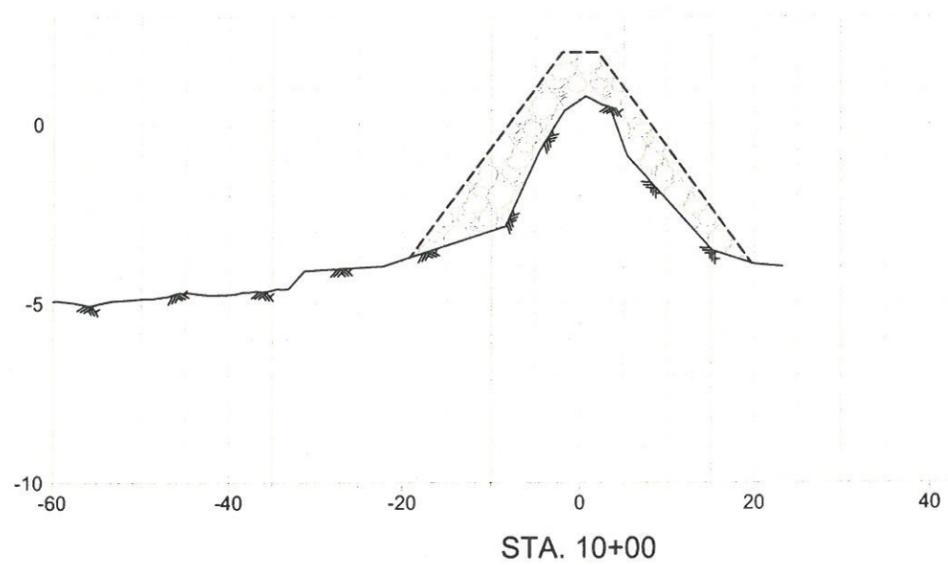
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	FILL MATERIAL (130 LB ROCK RIP RAP)

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VERTICAL SCALE	
DATE: 12/22/11	JOB# 2111122



GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
 LAKE RIM/BRETON CANAL RECAPPING SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583
 FILE: Pre Construction Survey (Lake Rim/Breton Canal).dwg
 SHEET: 4 OF 29



LEGEND	
	PRE-CONSTRUCTION SURVEY
	STRUCTURE 14A RECAPPING
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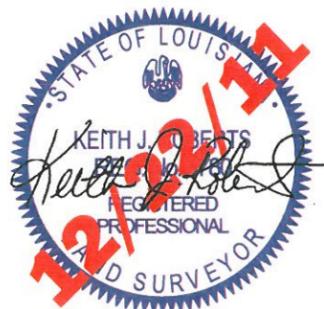
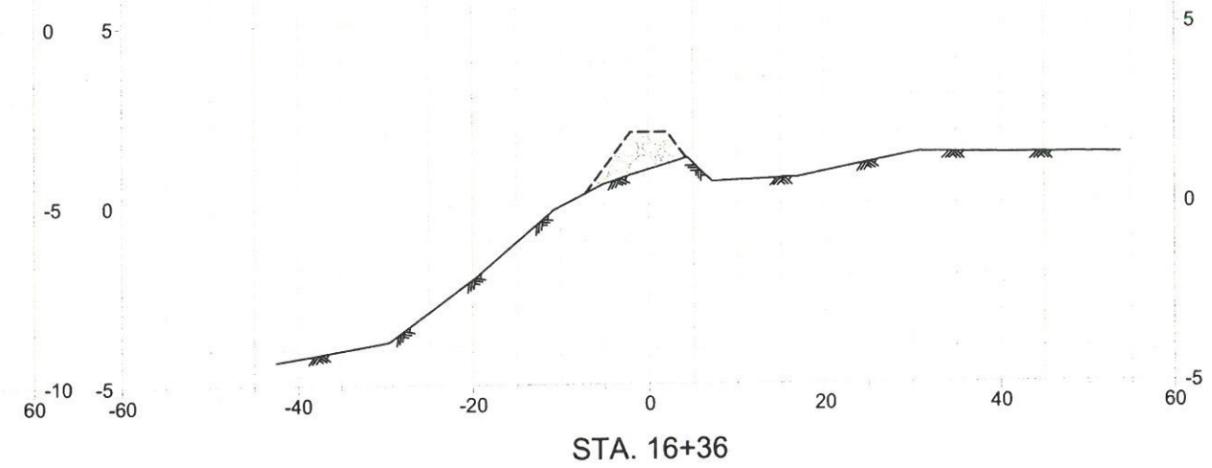
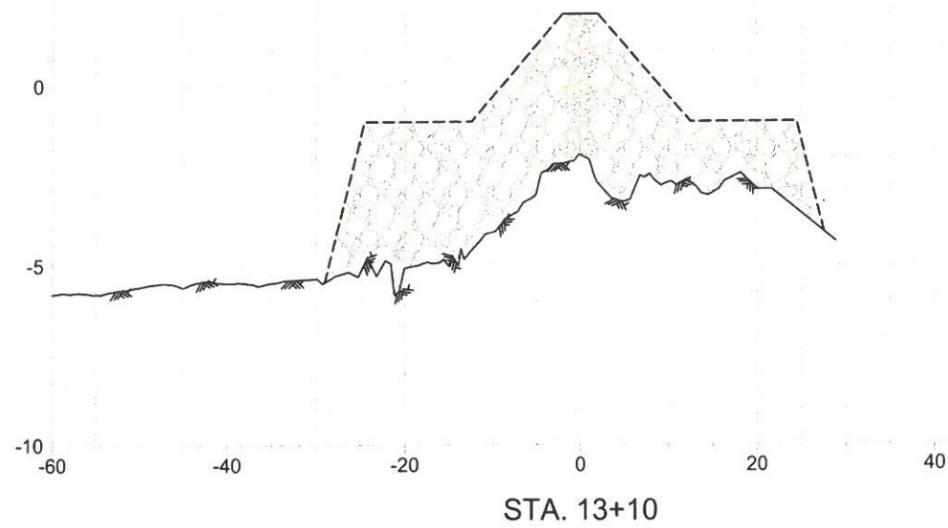
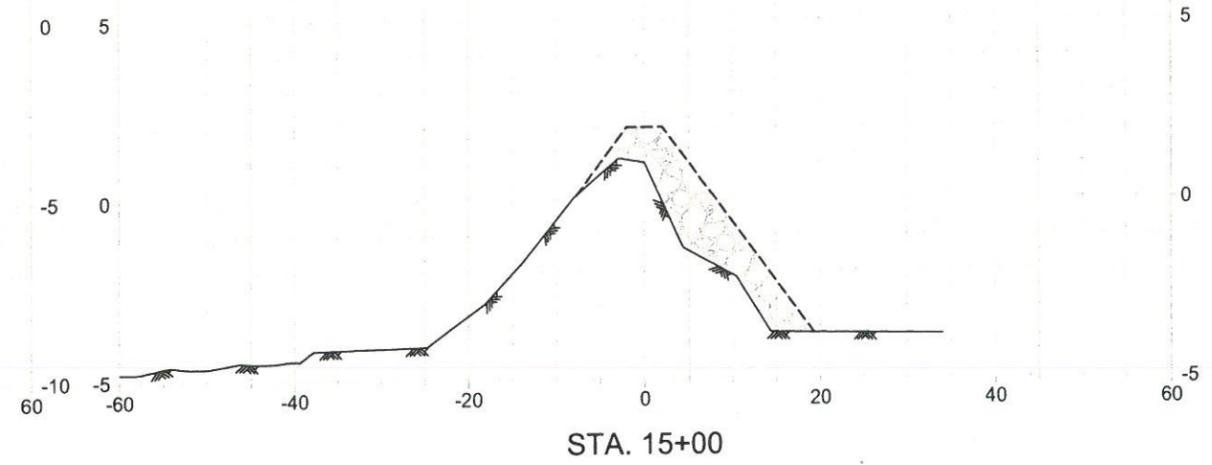
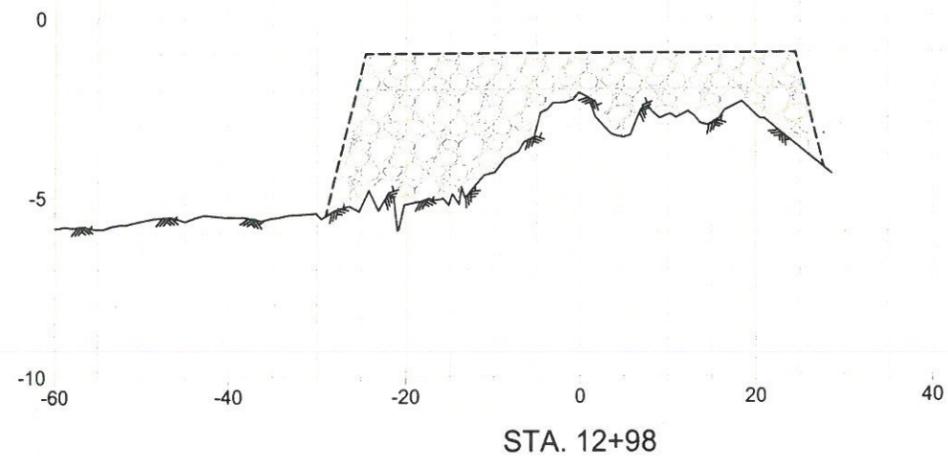
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VERTICAL SCALE	
DATE: 12/22/11	JOB# 2111122

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

FILE: Pre Construction Survey (Lake Rim/Breton Canal).dwg

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
LAKE RIM/BRETON CANAL RECAPPING SECTIONS
SECTION VIEWS
LAFOURCHE PARISH, LA.

SHEET: 5 OF 29



LEGEND	
	PRE-CONSTRUCTION SURVEY
	STRUCTURE 14A RECAPPING
	FILL MATERIAL (130 LB ROCK RIP RAP)

REVISED BY: _____ DATE: _____

DATE: 12/22/11

DATE: _____

JOB# 2111122



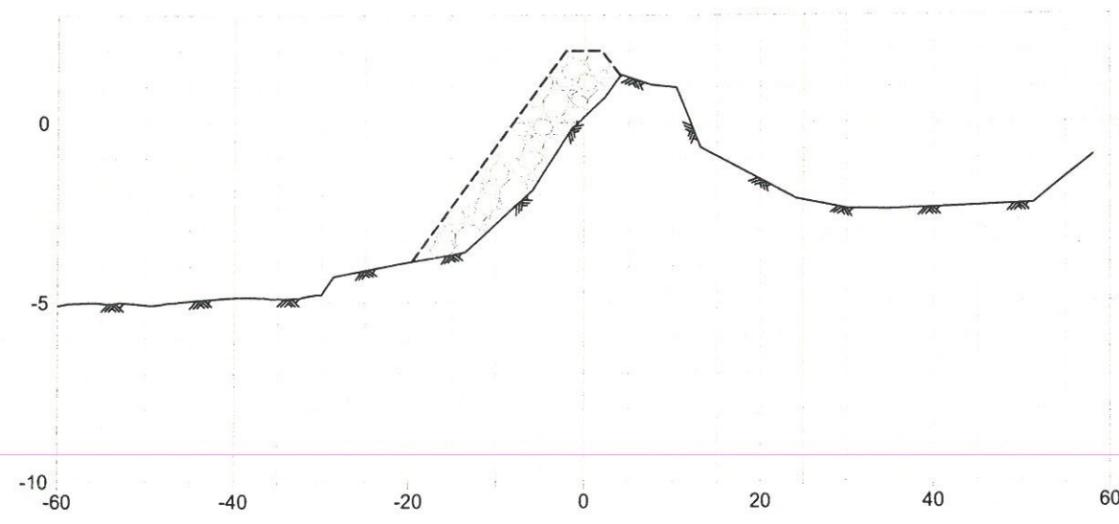
PREPARED BY: HYDROTERRA TECHNOLOGIES, L.L.C. - 202 JACOBS RUN, SCOTT, LA. 70583

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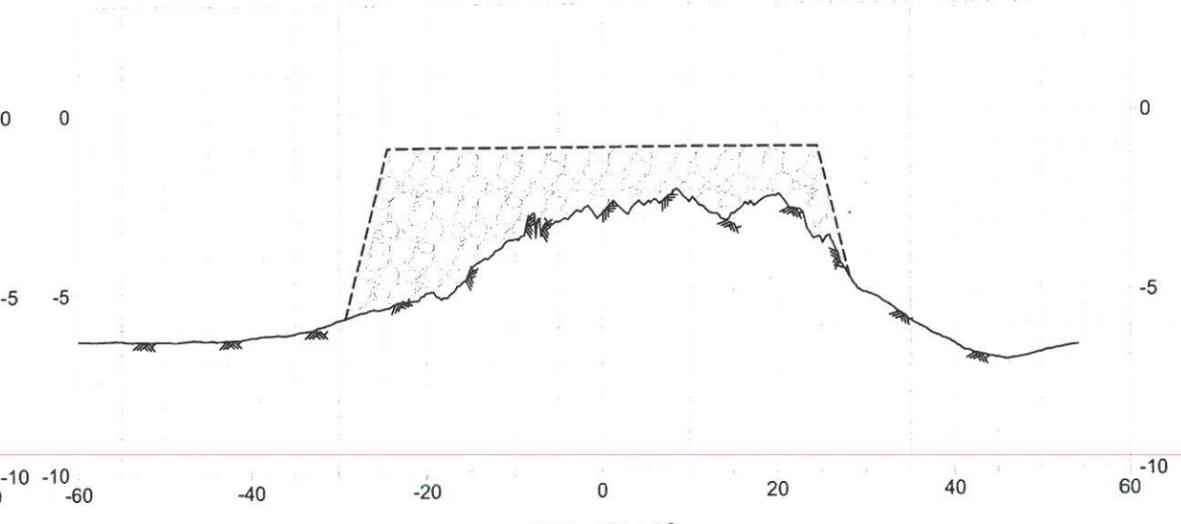
GIWW TO CLOVELLY HYDROLOGIC RESTORATION
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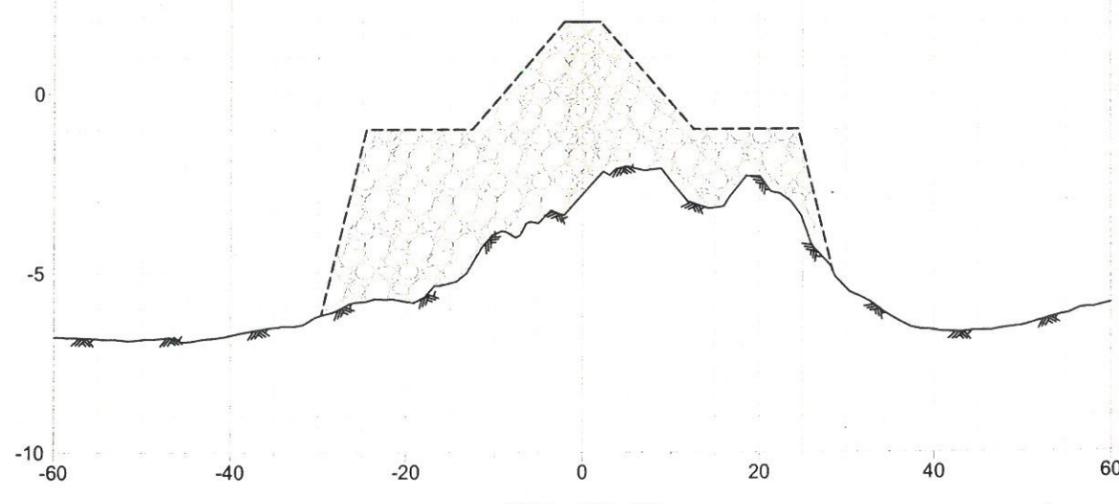
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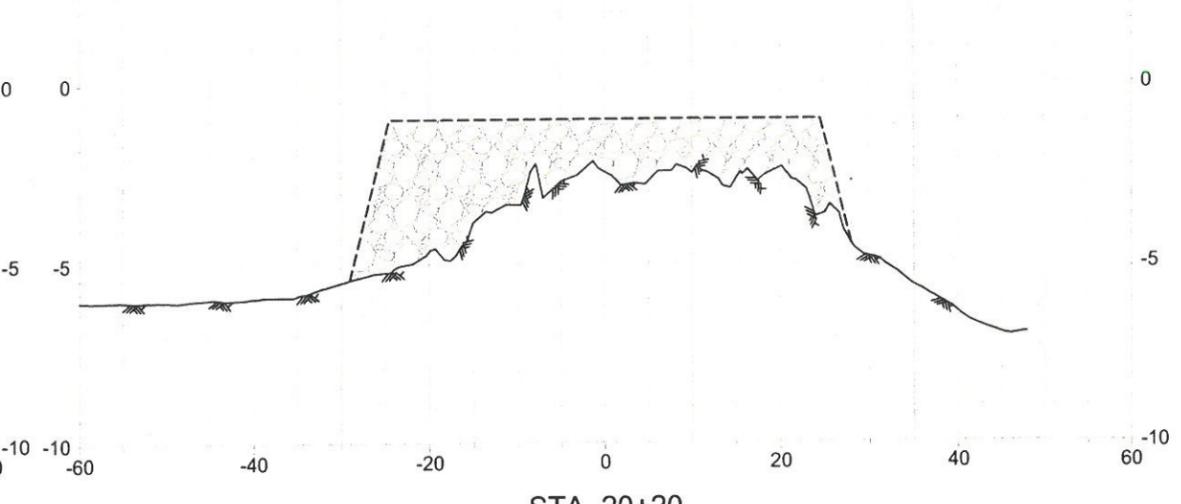
STA. 17+50



STA. 20+10



STA. 19+98

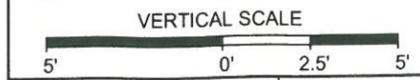
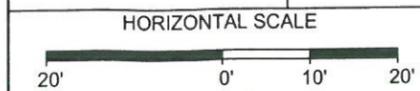


STA. 20+20



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	PRE-CONSTRUCTION SURVEY
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	FILL MATERIAL (130 LB ROCK RIP RAP)

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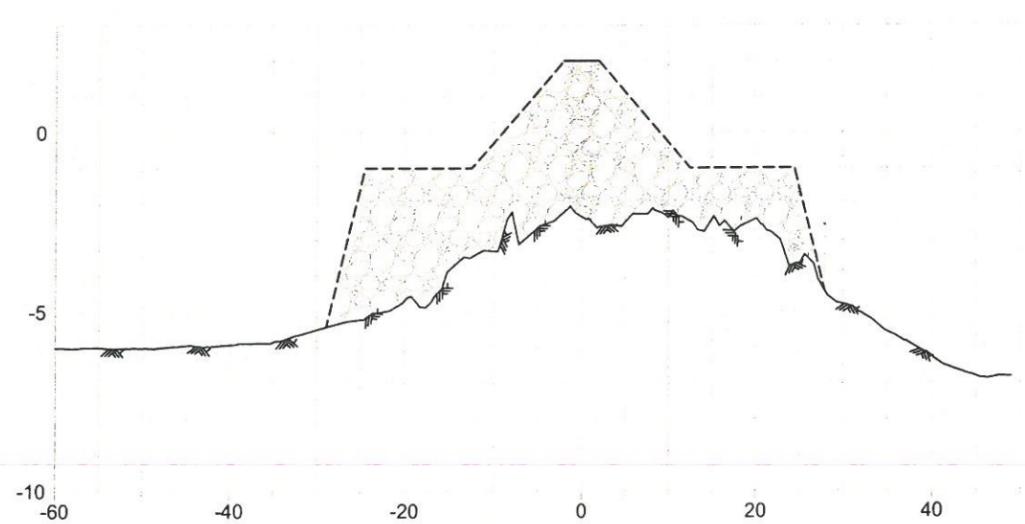


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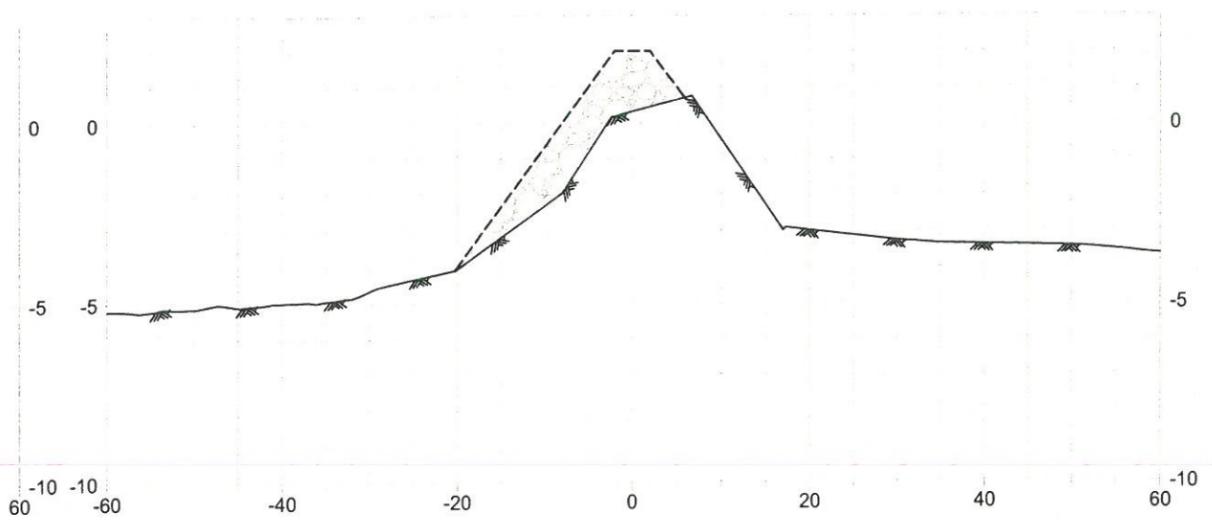


PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583
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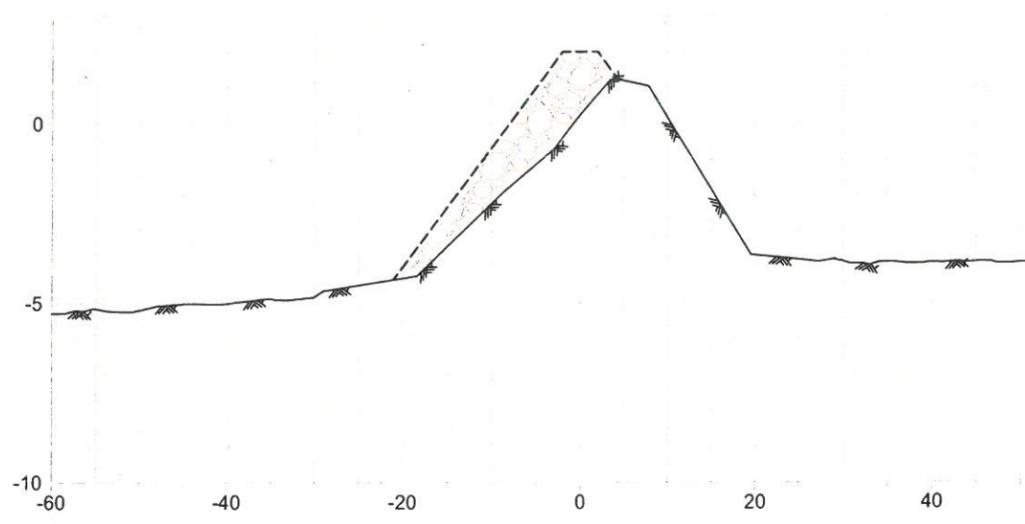
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PRE-CONSTRUCTION SURVEY
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SECTION VIEWS
LAFOURCHE PARISH, LA.



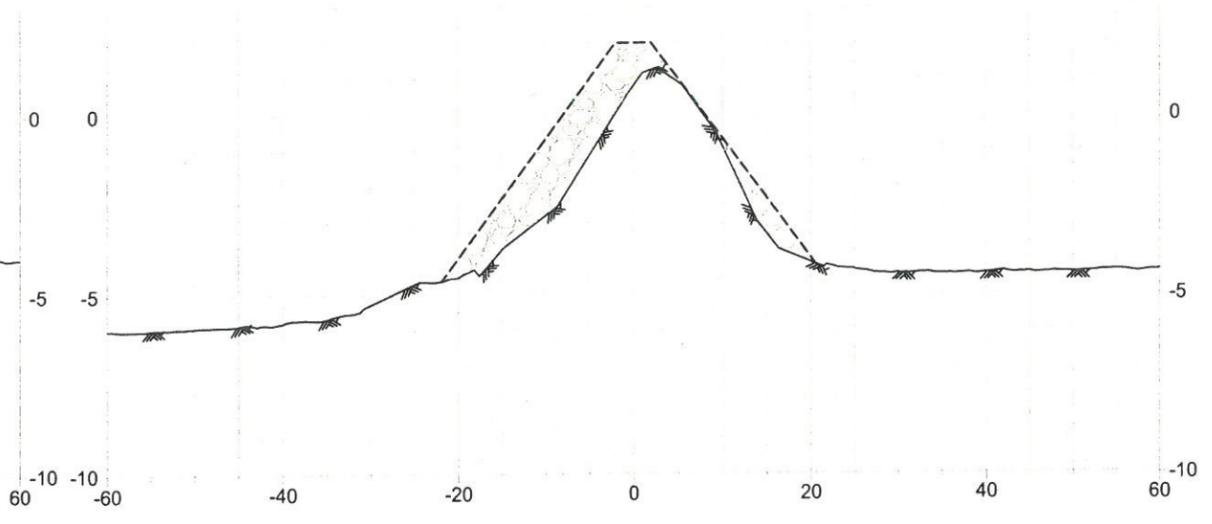
STA. 20+32



STA. 25+00



STA. 22+50



STA. 27+50



LEGEND	
	PRE-CONSTRUCTION SURVEY
	STRUCTURE 14A RECAPPING
	FILL MATERIAL (130 LB ROCK RIP RAP)

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HORIZONTAL SCALE	
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HYDROTERRA
 TECHNOLOGIES, LLC
 LAND SURVEY AND HYDROGRAPHIC SOLUTIONS

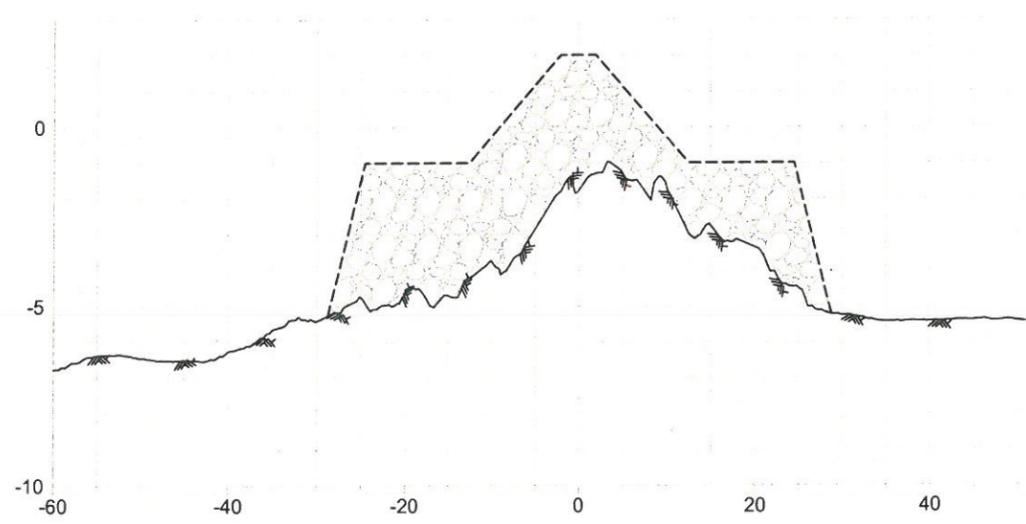
DQSI
 LLC

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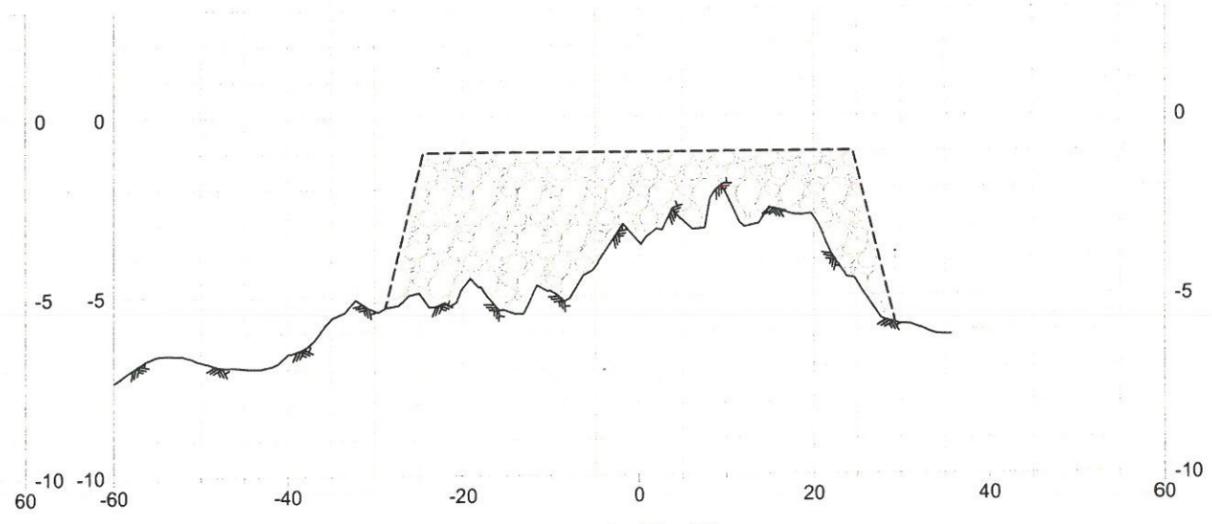
GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
 LAKE RIM/BRETON CANAL RECAPPING SECTIONS
 SECTION VIEWS
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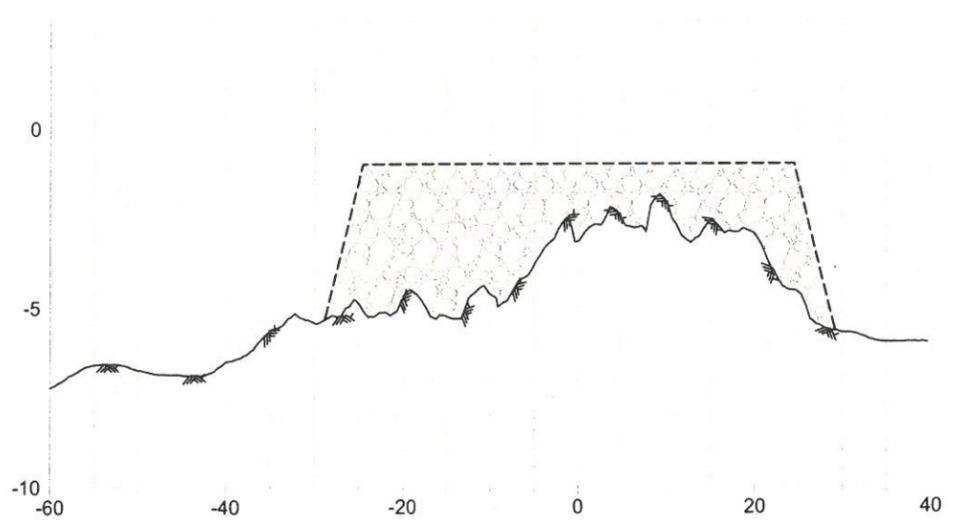
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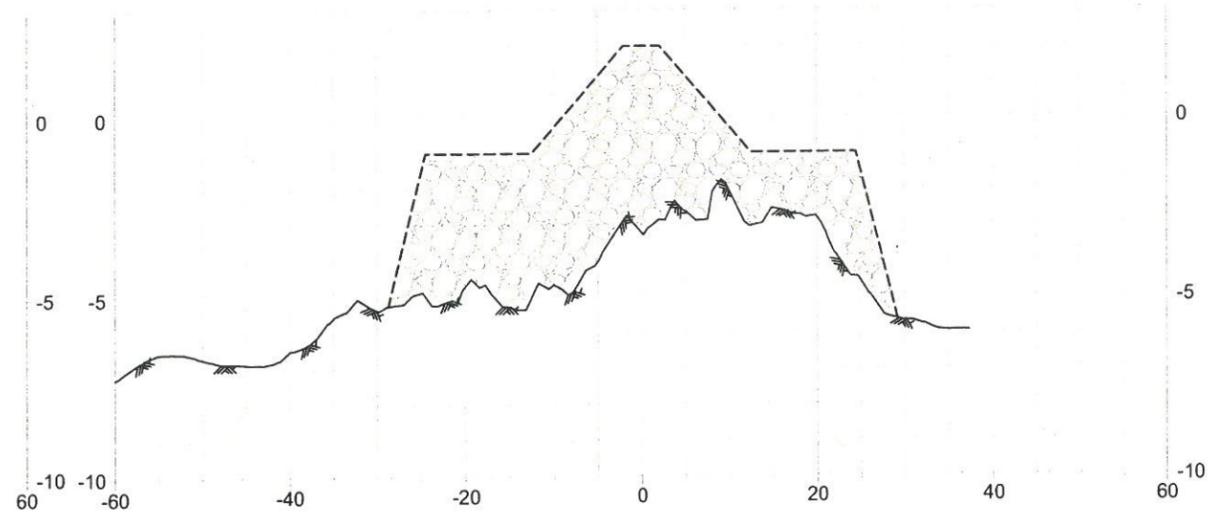
STA. 27+72



STA. 27+94



STA. 27+84



STA. 28+06



LEGEND	
	PRE-CONSTRUCTION SURVEY
	STRUCTURE 14A RECAPPING
	FILL MATERIAL (130 LB ROCK RIP RAP)

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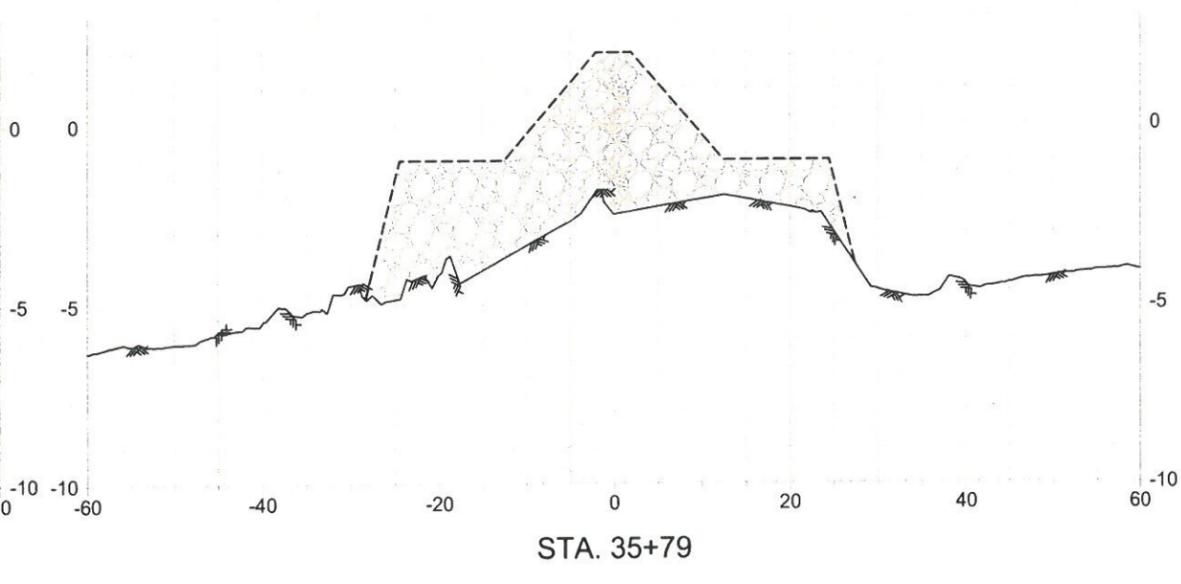
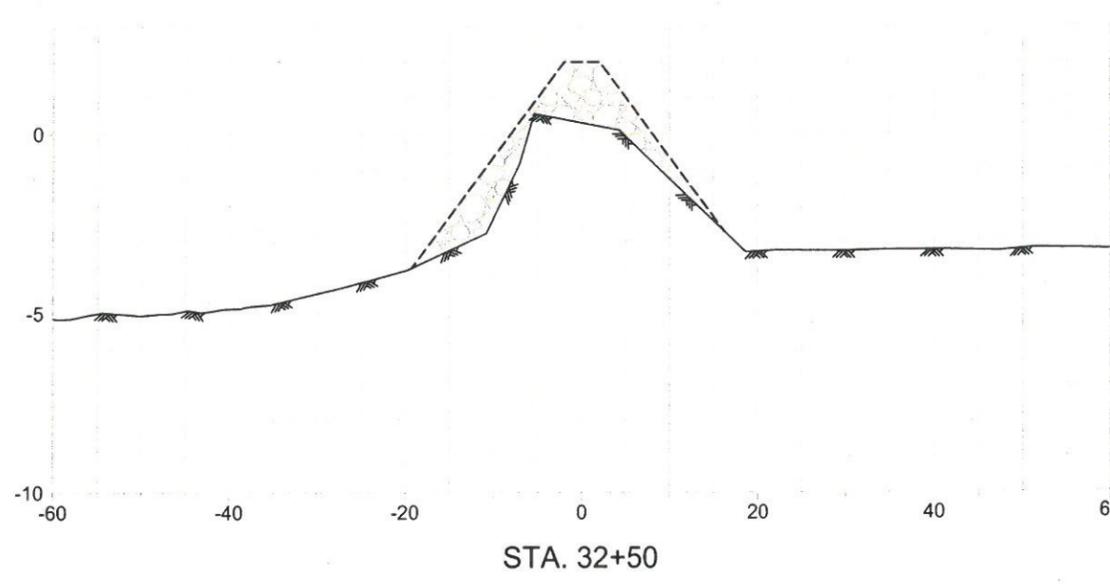
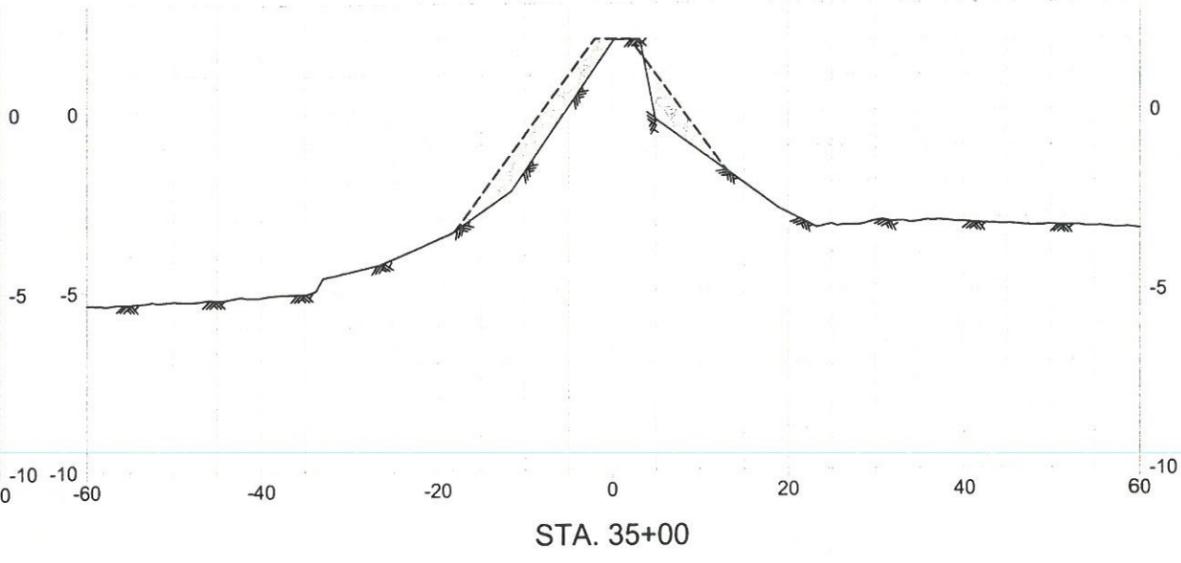
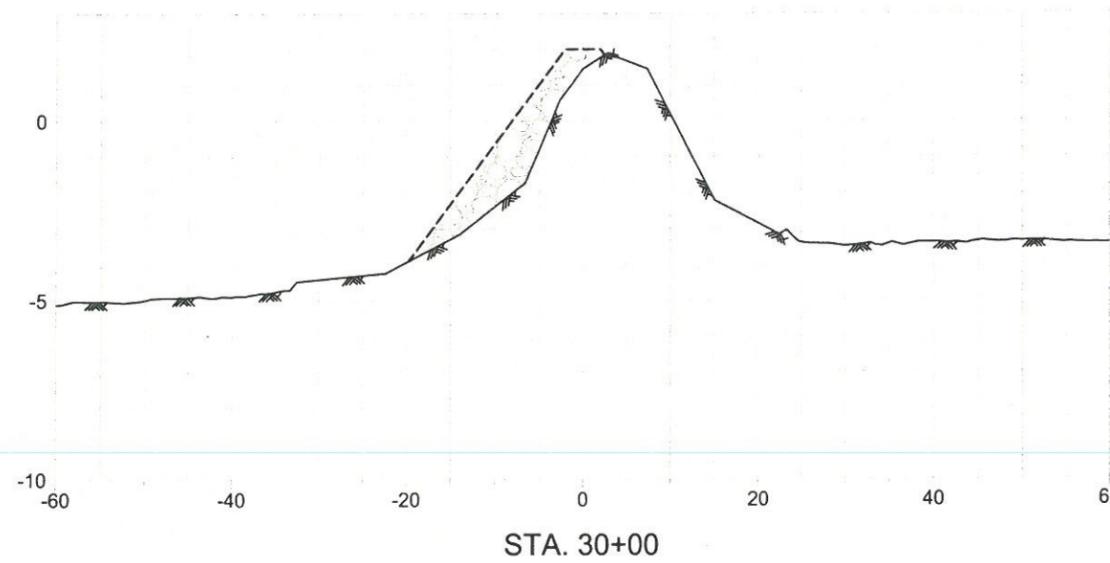
LAND SURVEY AND HYDROGRAPHIC SOLUTIONS

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

FILE: Pre Construction Survey (Lake Rim/Breton Canal).dwg

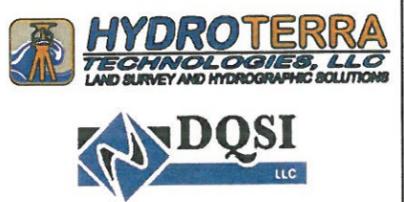
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2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
LAKE RIM/BRETON CANAL RECAPPING SECTIONS
SECTION VIEWS
LAFOURCHE PARISH, LA.

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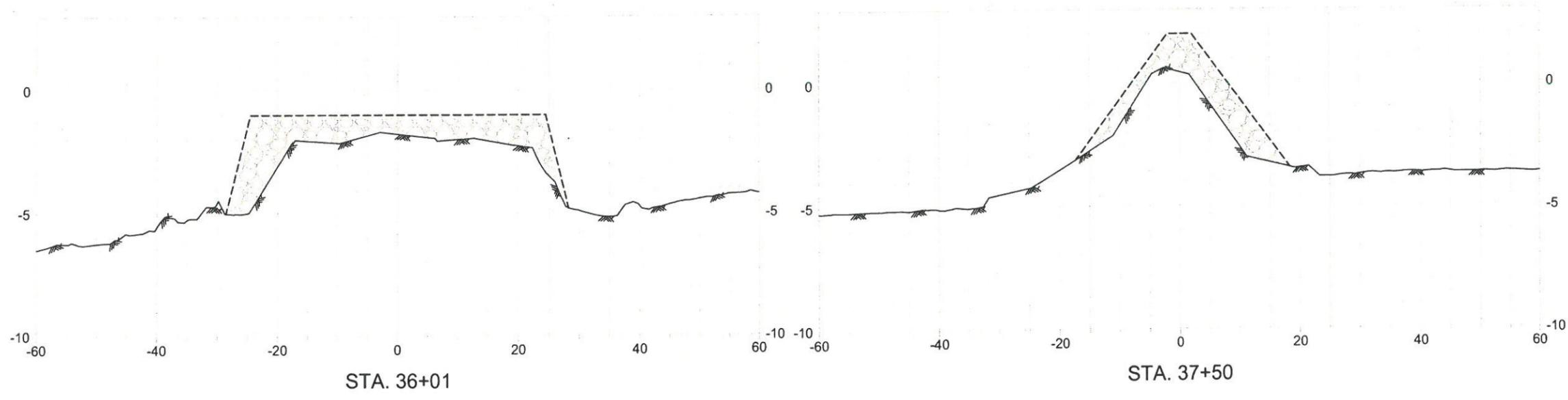
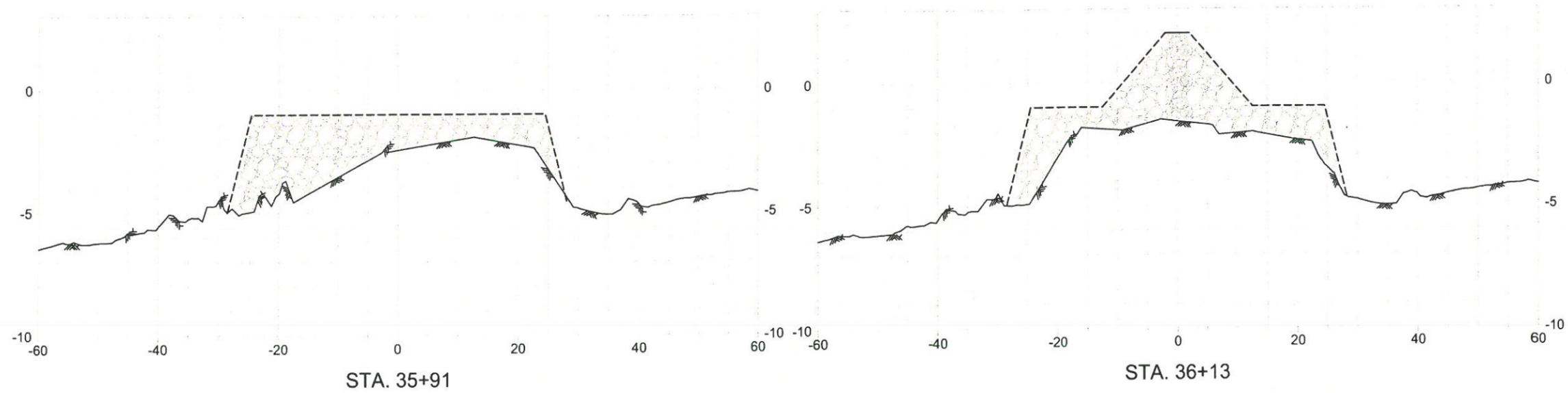
LEGEND	
	PRE-CONSTRUCTION SURVEY
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	FILL MATERIAL (130 LB ROCK RIP RAP)

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GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
 LAKE RIM/BRETON CANAL RECAPPING SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583
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 SHEET: 10 OF 29



LEGEND	—	PRE-CONSTRUCTION SURVEY
	- - -	STRUCTURE 14A RECAPPING
		FILL MATERIAL (130 LB ROCK RIP RAP)
	REVISED BY:	DATE:
	HORIZONTAL SCALE	
	20' 0' 10' 20'	
	VERTICAL SCALE	
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HYDROTERRA
TECHNOLOGIES, LLC
LAND SURVEY AND HYDROGRAPHIC SOLUTIONS

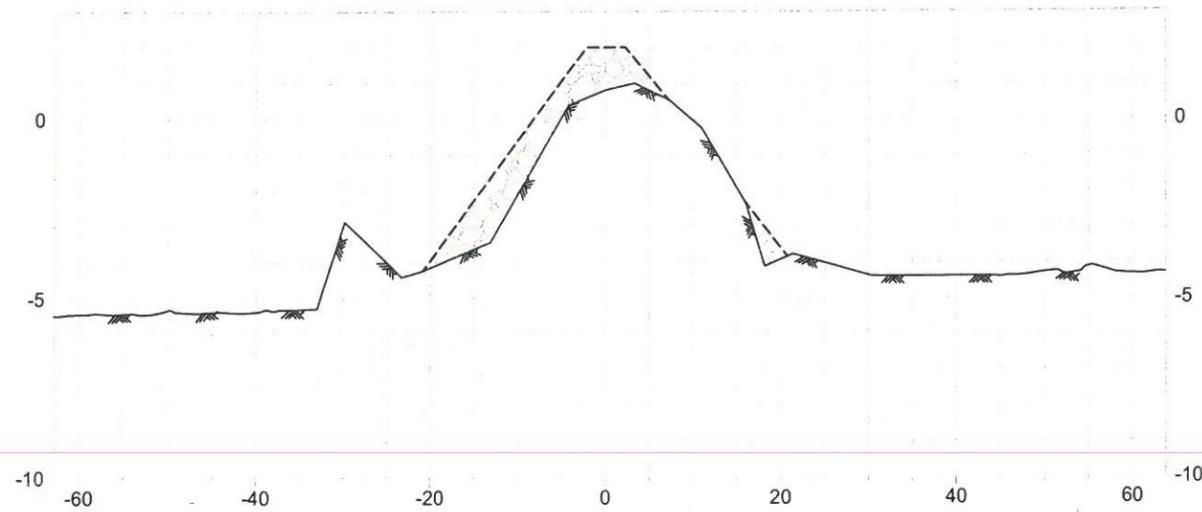
DQSI
LLC

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

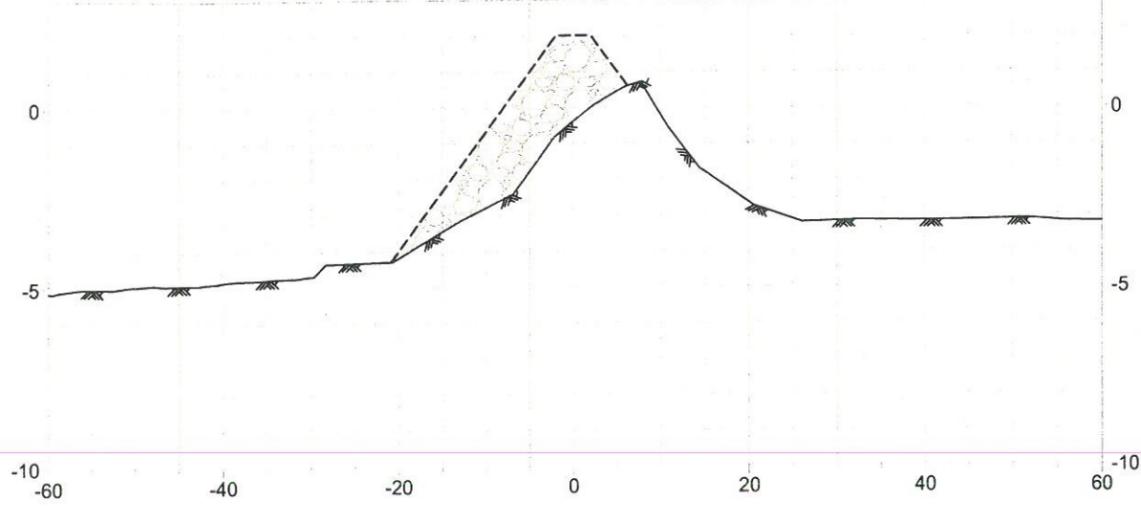
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GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
LAKE RIM/BRETON CANAL RECAPPING SECTIONS
SECTION VIEWS
LAFOURCHE PARISH, LA.

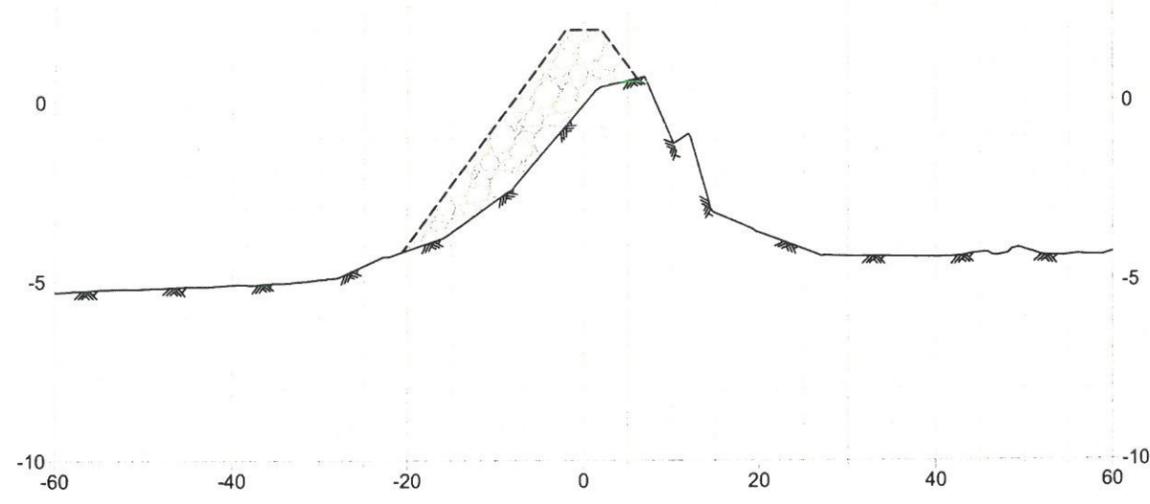
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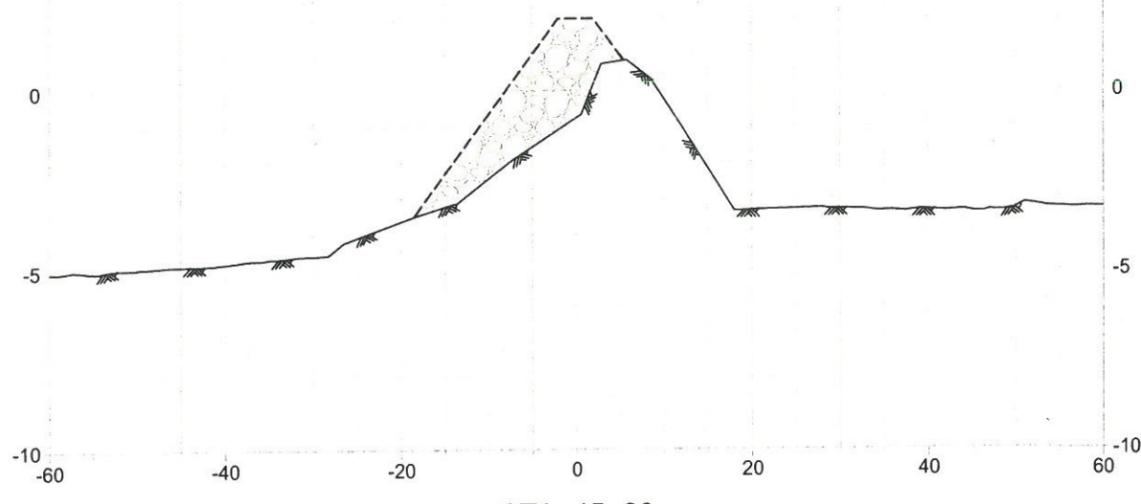
STA. 39+87



STA. 42+50



STA. 40+20



STA. 45+00



LEGEND	
	PRE-CONSTRUCTION SURVEY
	STRUCTURE 14A RECAPPING
	FILL MATERIAL (130 LB ROCK RIP RAP)

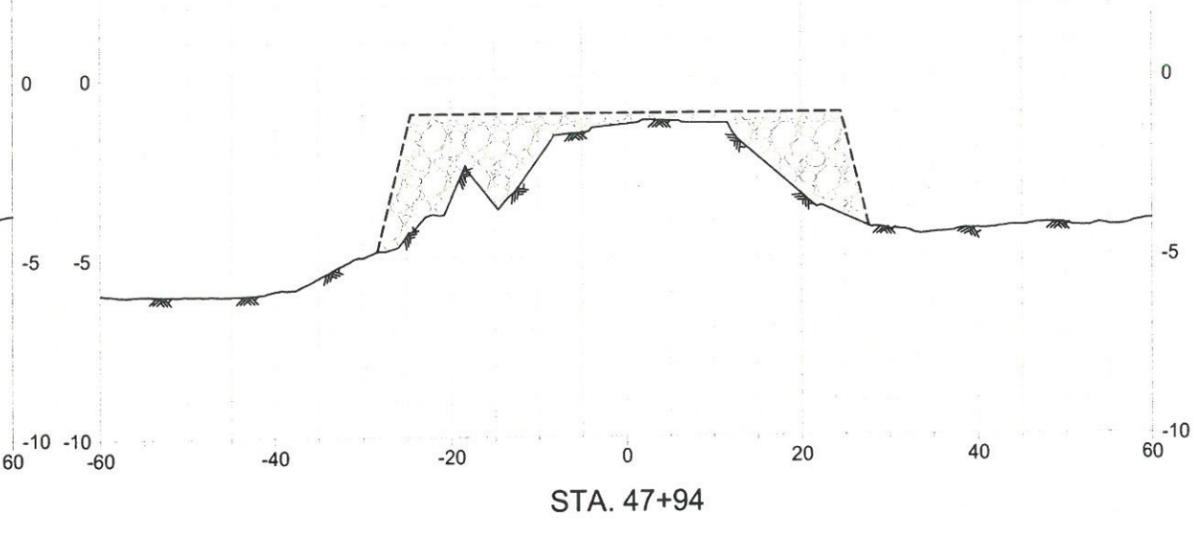
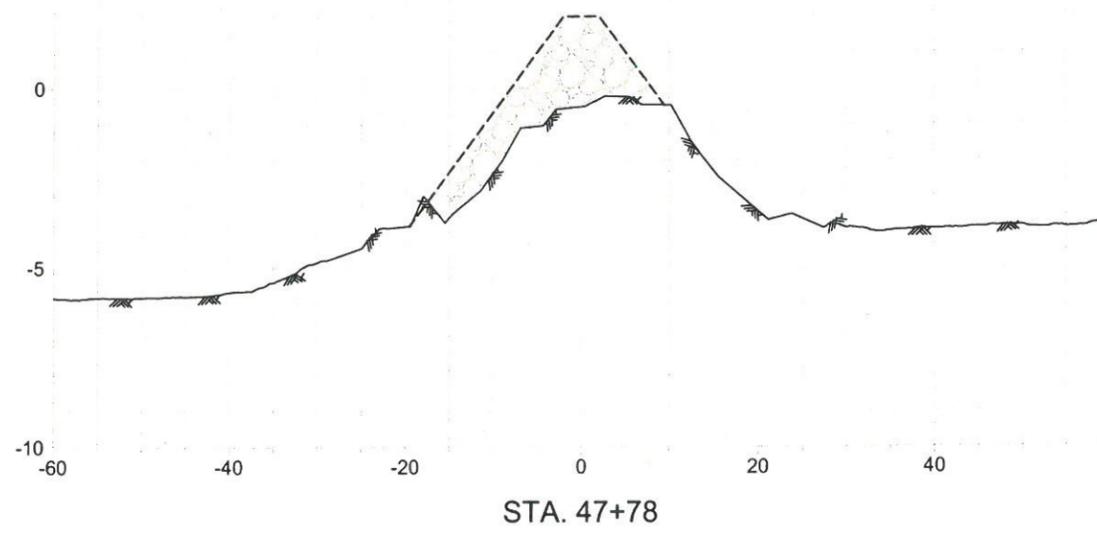
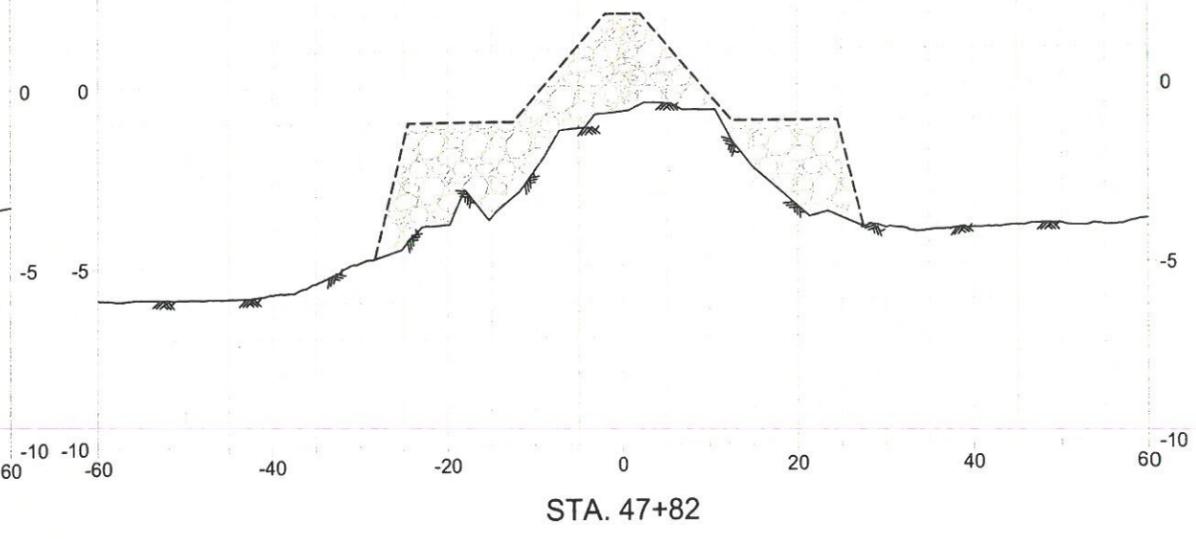
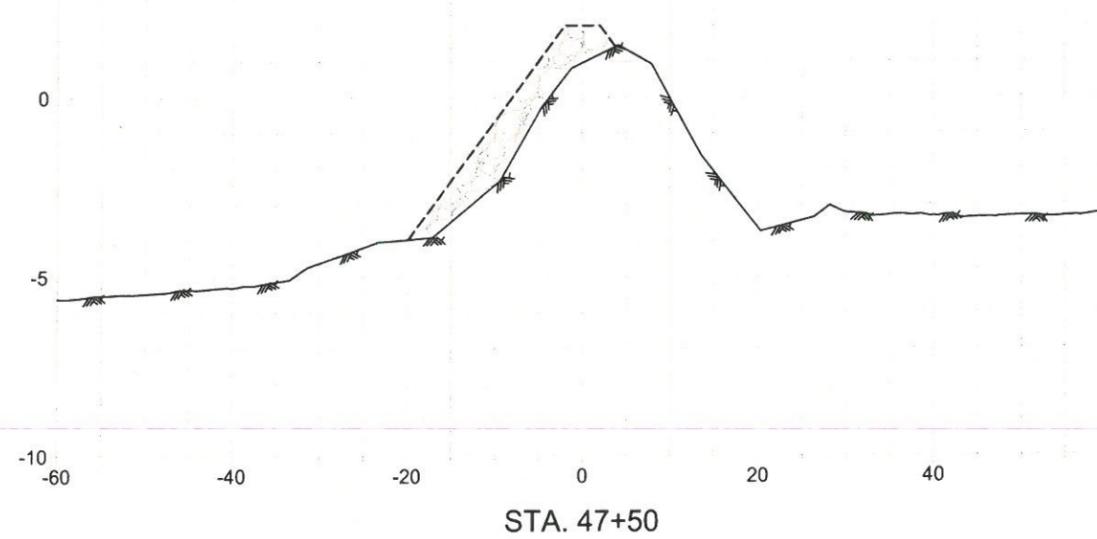
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VERTICAL SCALE	
DATE: 12/22/11	JOB# 2111122



GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
LAKE RIM/BRETON CANAL RECAPPING SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

FILE: Pre Construction Survey (Lake Rim/Breton Canal).dwg



LEGEND	
	PRE-CONSTRUCTION SURVEY
	STRUCTURE 14A RECAPPING
	FILL MATERIAL (130 LB ROCK RIP RAP)

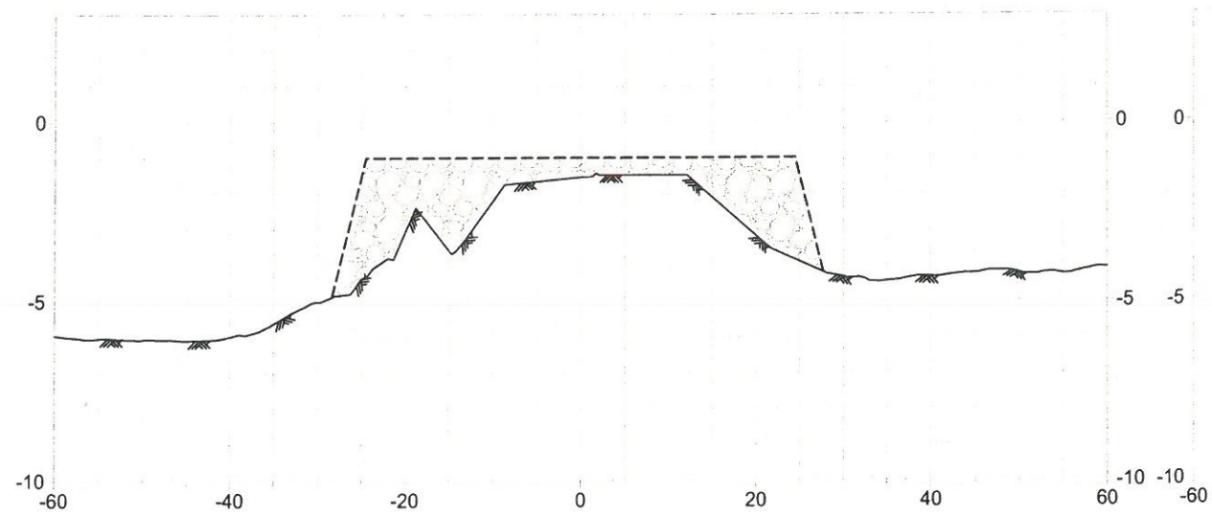
REVISED BY:	DATE:
HORIZONTAL SCALE	
VERTICAL SCALE	
DATE: 12/22/11	JOB# 2111122

HYDROTERRA
TECHNOLOGIES, LLC
LAND SURVEY AND HYDROGRAPHIC SOLUTIONS

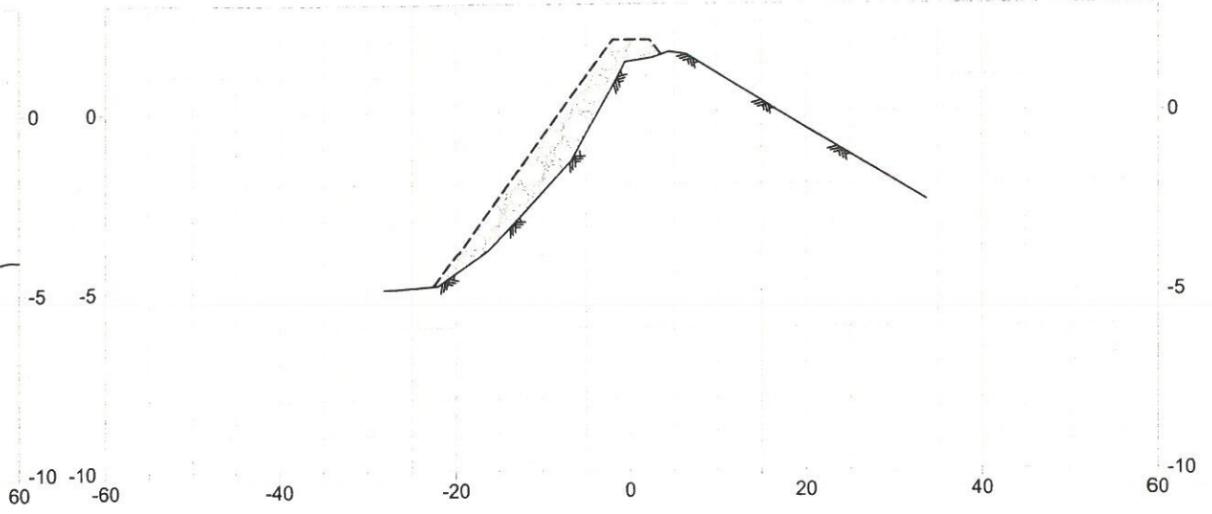
PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
LAKE RIM/BRETON CANAL RECAPPING SECTIONS
SECTION VIEWS
LAFOURCHE PARISH, LA.

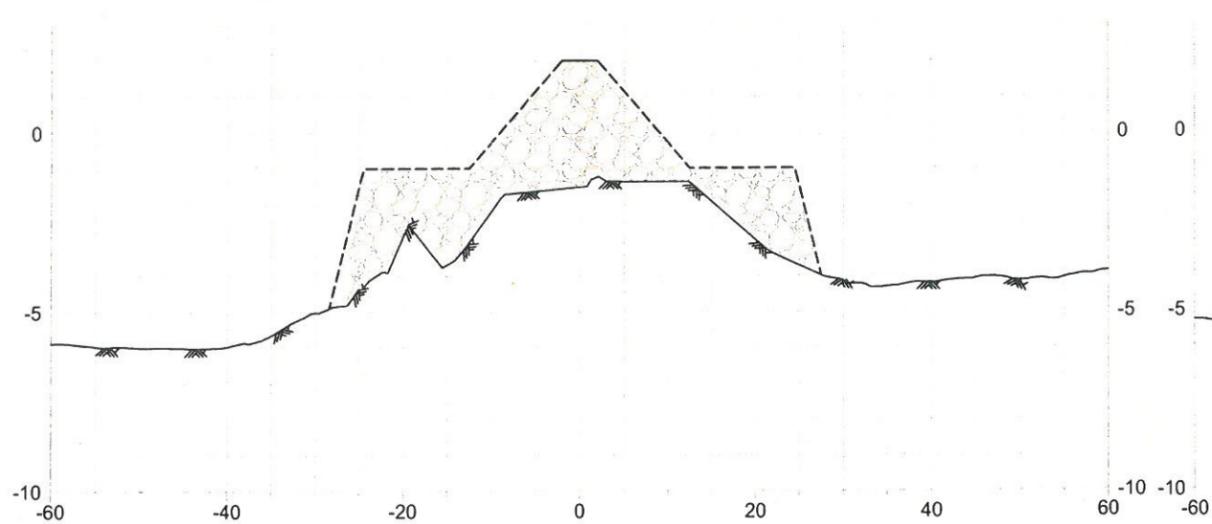
SHEET: 13 OF 29



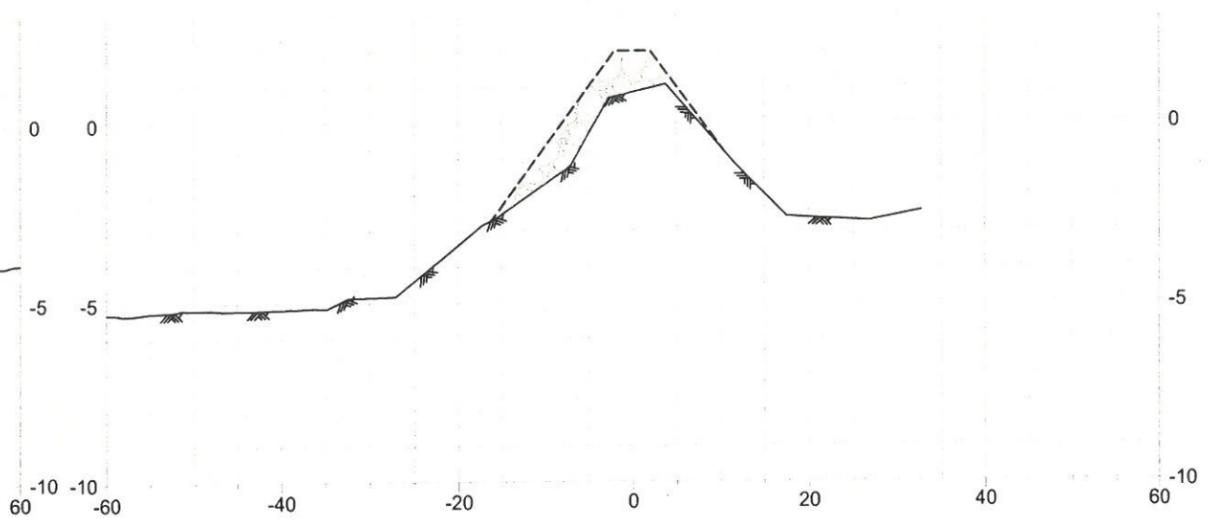
STA. 48+04



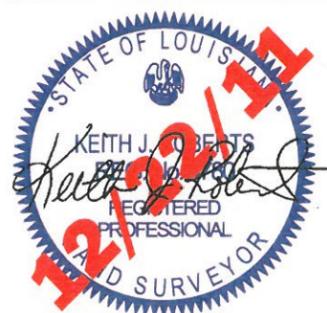
STA. 49+76



STA. 48+16

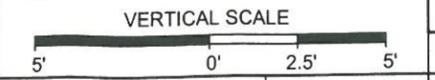
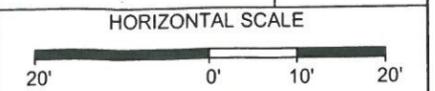


STA. 50+00



LEGEND	
	PRE-CONSTRUCTION SURVEY
	STRUCTURE 14A RECAPPING
	FILL MATERIAL (130 LB ROCK RIP RAP)

REVISED BY: _____ DATE: _____



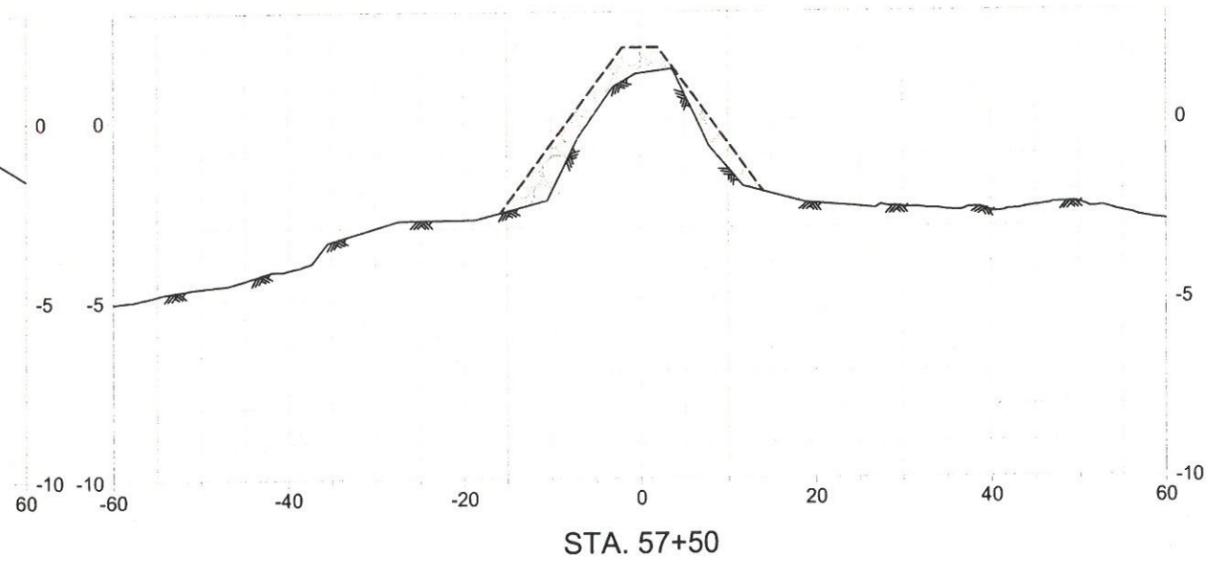
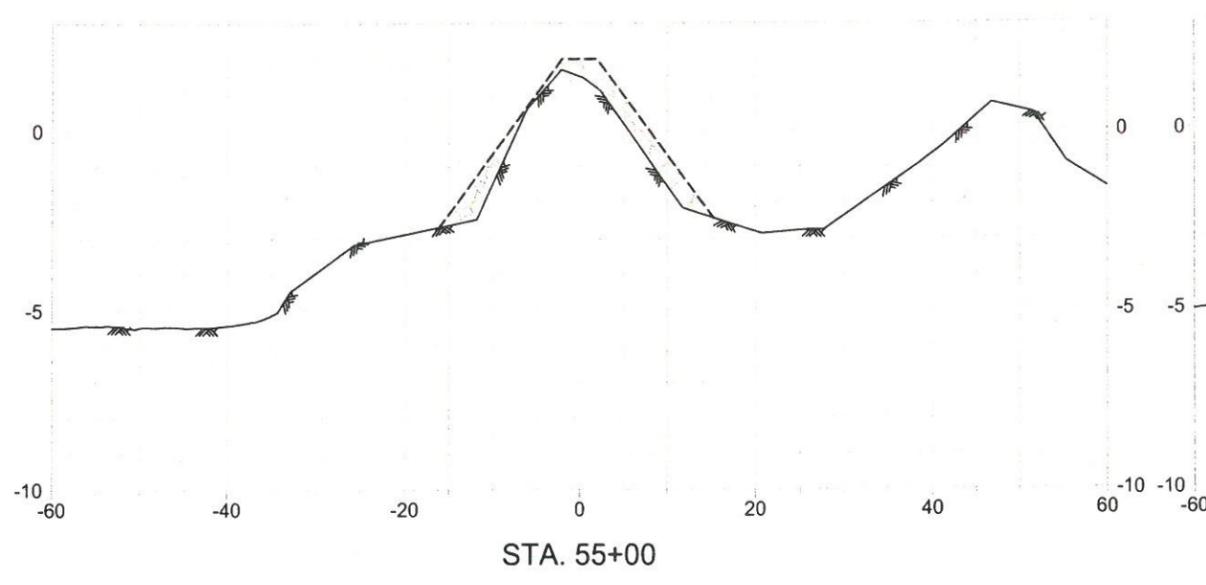
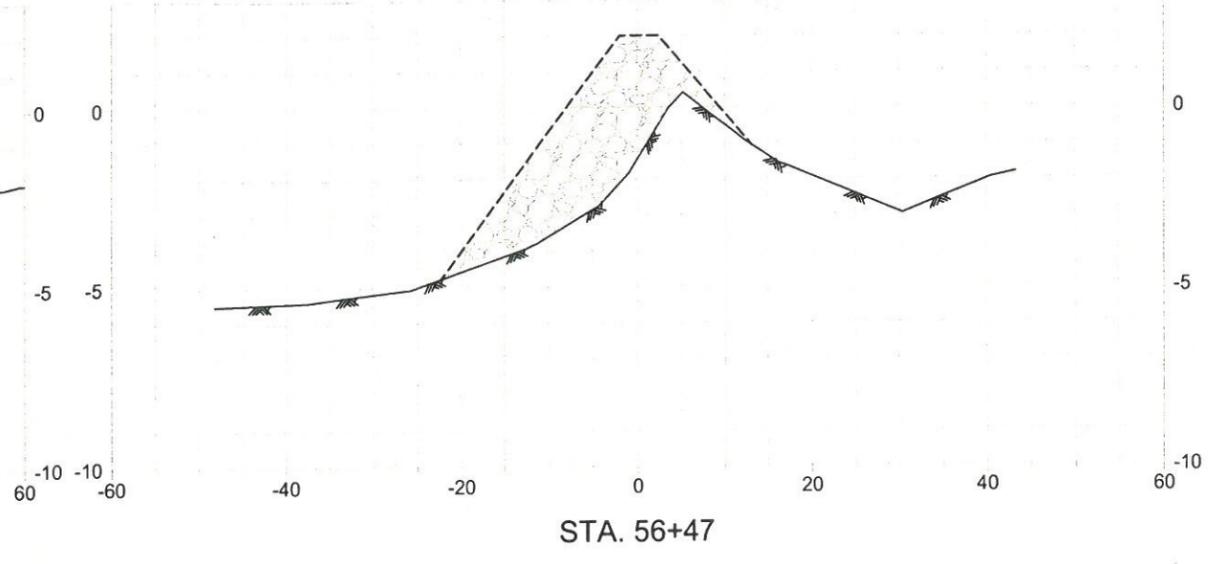
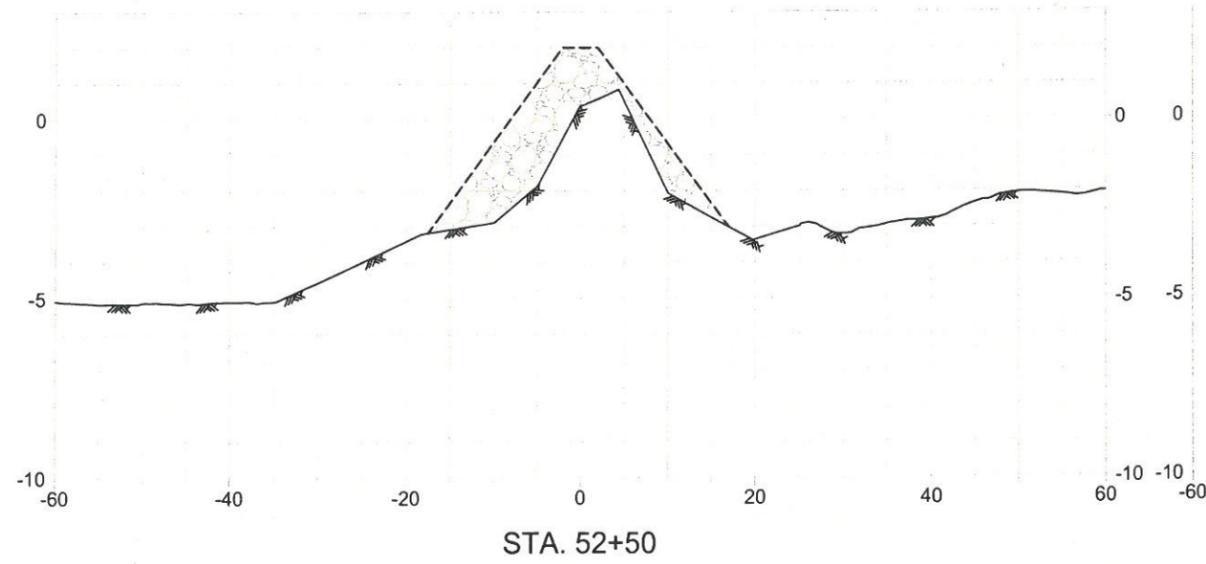
DATE: 12/22/11 JOB# 2111122



PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

FILE: Pre Construction Survey (Lake Rim/Breton Canal).dwg

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
LAKE RIM/BRETON CANAL RECAPPING SECTIONS
SECTION VIEWS
LAFOURCHE PARISH, LA.



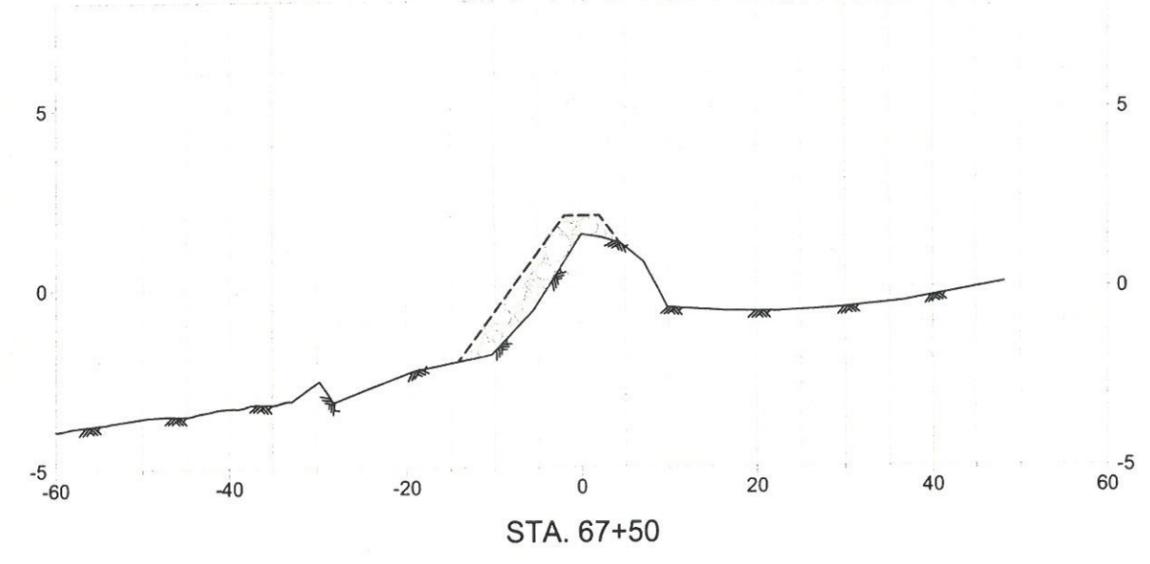
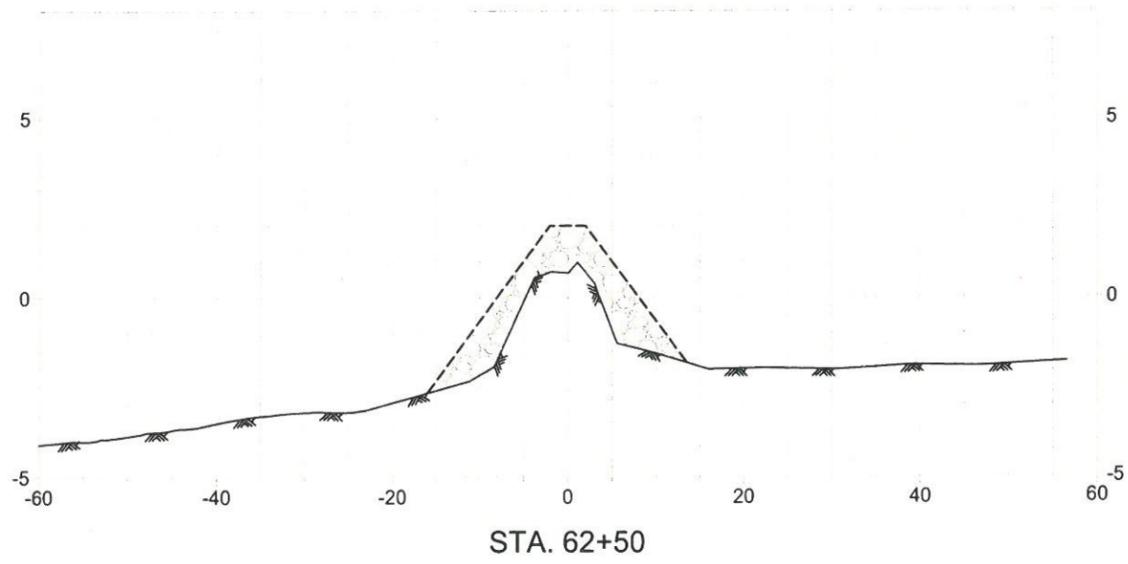
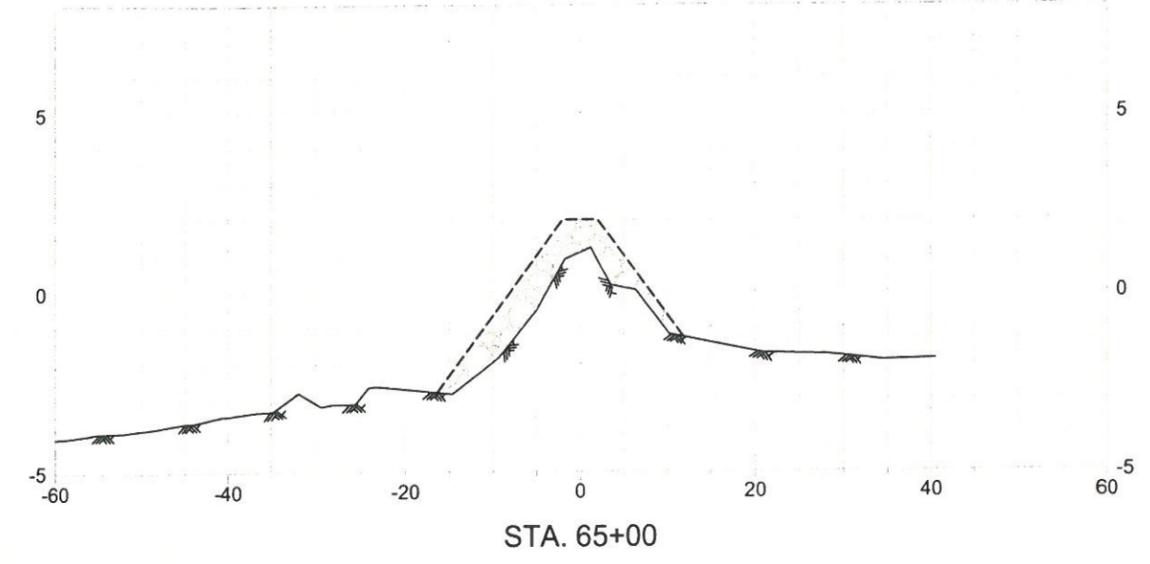
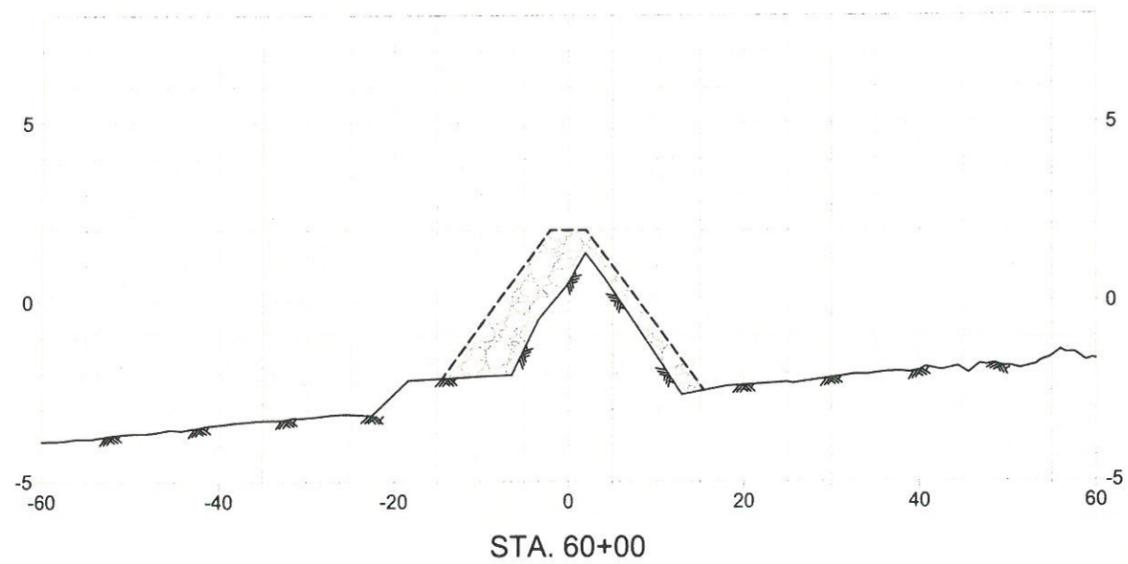
LEGEND	
	PRE-CONSTRUCTION SURVEY
	STRUCTURE 14A RECAPPING
	FILL MATERIAL (130 LB ROCK RIP RAP)

REVISED BY:	DATE:
HORIZONTAL SCALE	
VERTICAL SCALE	
DATE: 12/22/11	JOB# 2111122



GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
 LAKE RIM/BRETON CANAL RECAPPING SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583
 FILE: Pre Construction Survey (Lake Rim/Breton Canal).dwg
 SHEET: 15 OF 29



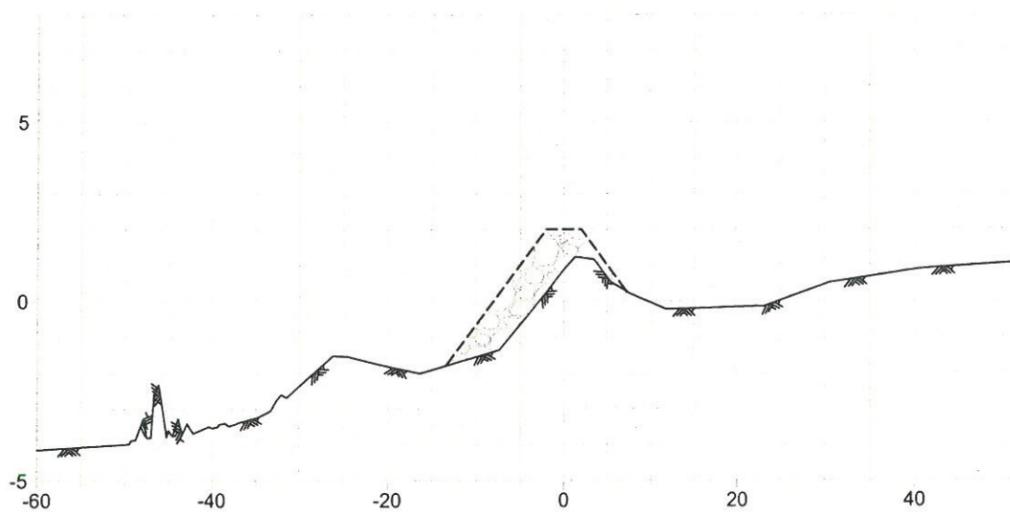
LEGEND	
	PRE-CONSTRUCTION SURVEY
	STRUCTURE 14A RECAPPING
	FILL MATERIAL (130 LB ROCK RIP RAP)

REVISED BY:	DATE:
HORIZONTAL SCALE	
VERTICAL SCALE	
DATE: 12/22/11	JOB# 2111122

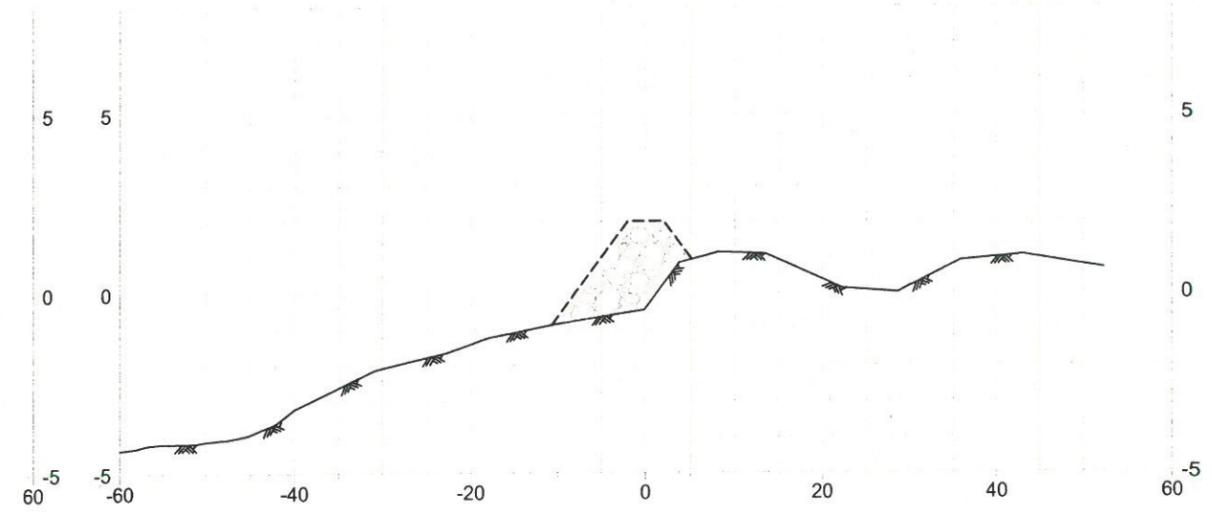


GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
 LAKE RIM/BRETON CANAL RECAPPING SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.

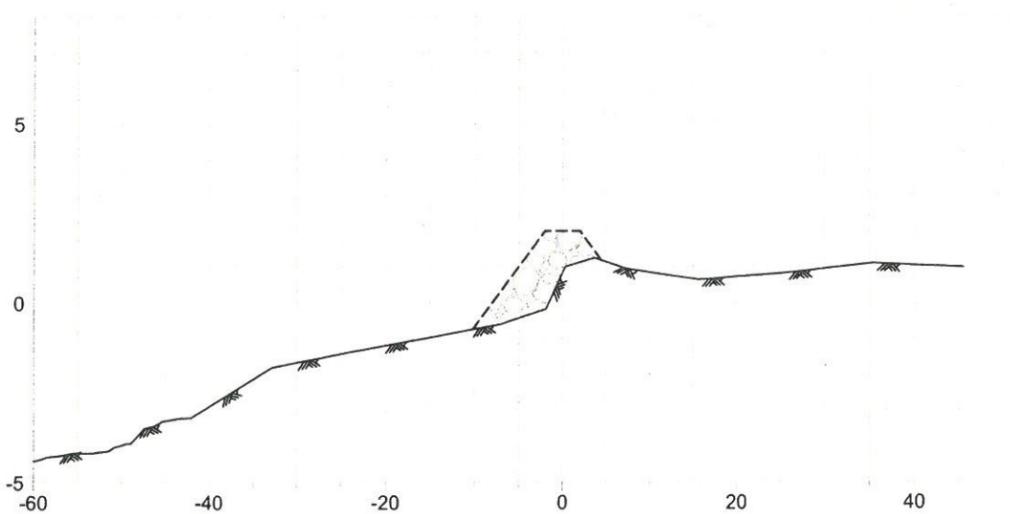
PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583
 FILE: Pre Construction Survey (Lake Rim/Breton Canal).dwg
 SHEET: 16 OF 29



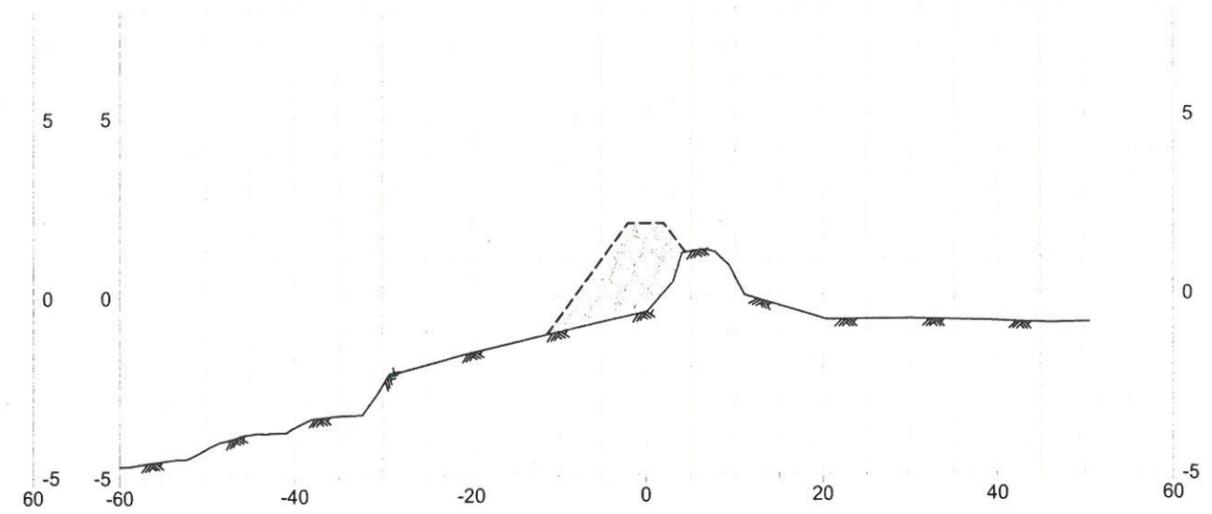
STA. 68+33



STA. 72+50



STA. 70+00



STA. 75+00

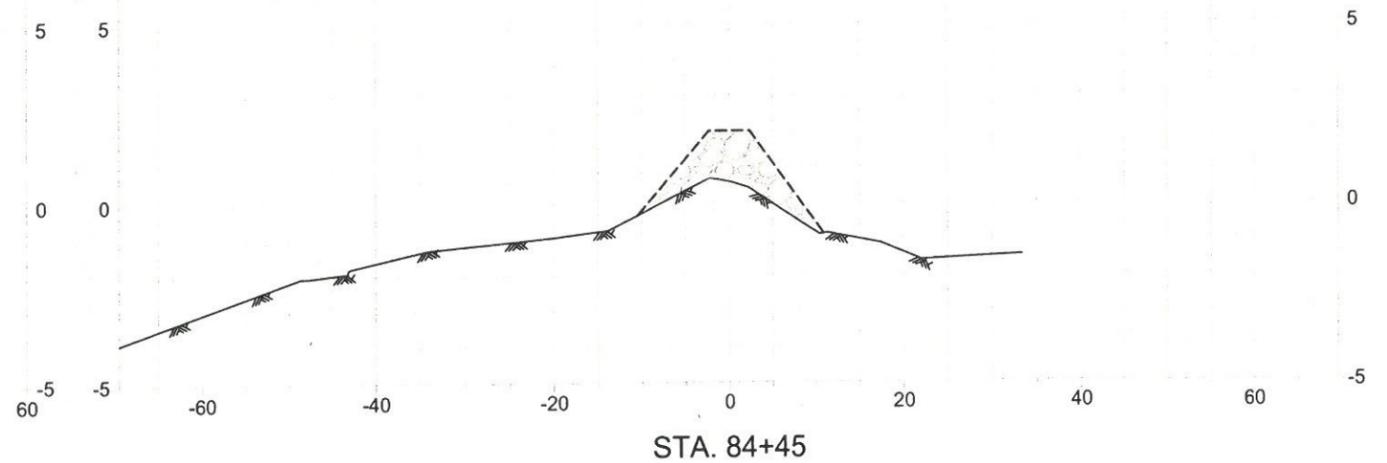
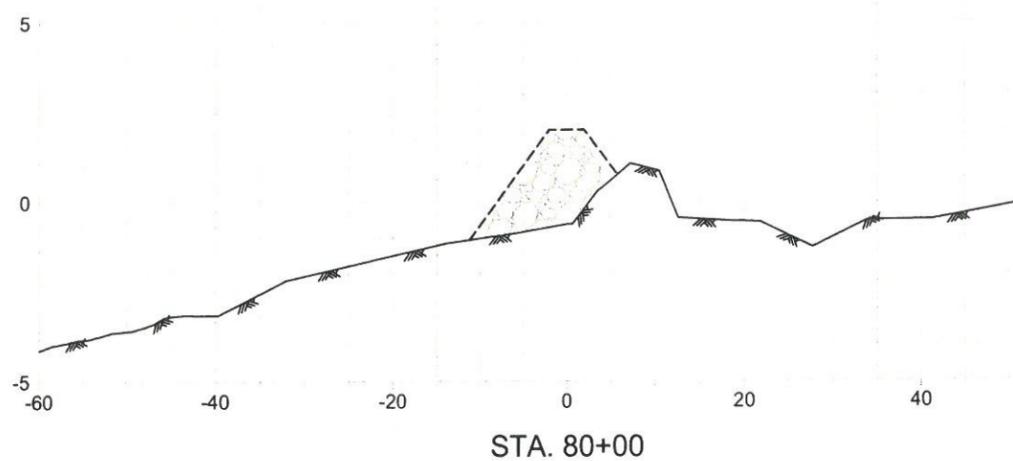
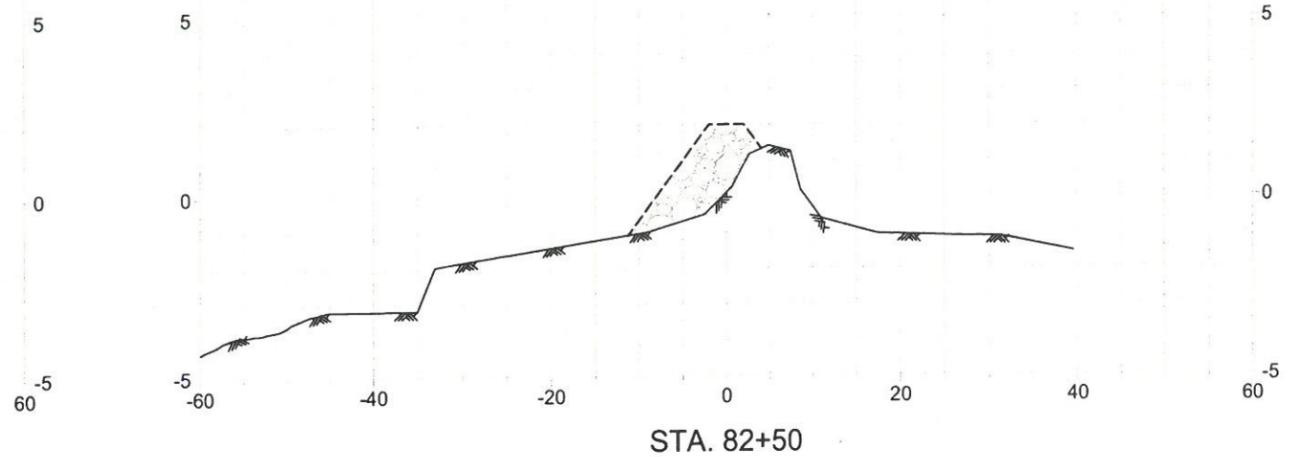
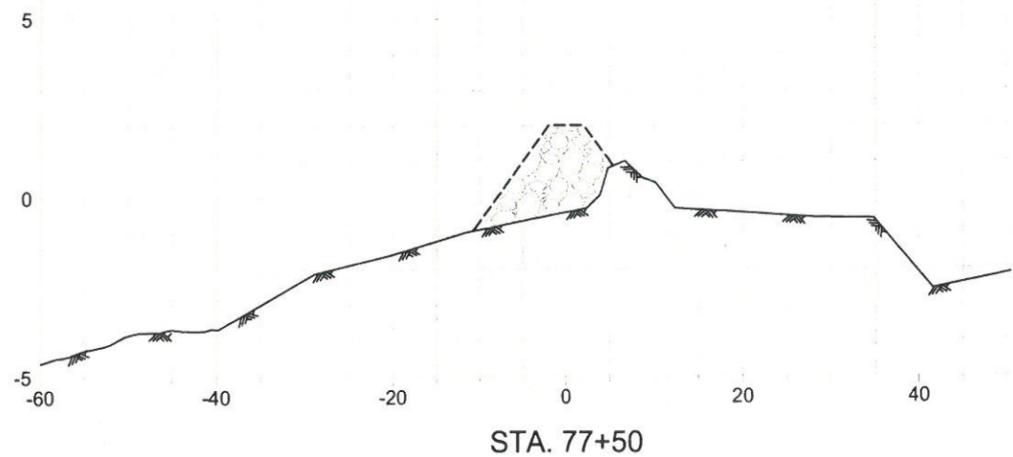


LEGEND	
	PRE-CONSTRUCTION SURVEY
	STRUCTURE 14A RECAPPING
	FILL MATERIAL (130 LB ROCK RIP RAP)

REVISED BY:	DATE:
HORIZONTAL SCALE	
VERTICAL SCALE	
DATE: 12/22/11	JOB# 2111122



GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
LAKE RIM/BRETON CANAL RECAPPING SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.



LEGEND	
	PRE-CONSTRUCTION SURVEY
	STRUCTURE 14A RECAPPING
	FILL MATERIAL (130 LB ROCK RIP RAP)

REVISED BY:

DATE:

DATE: 12/22/11

JOB# 2111122

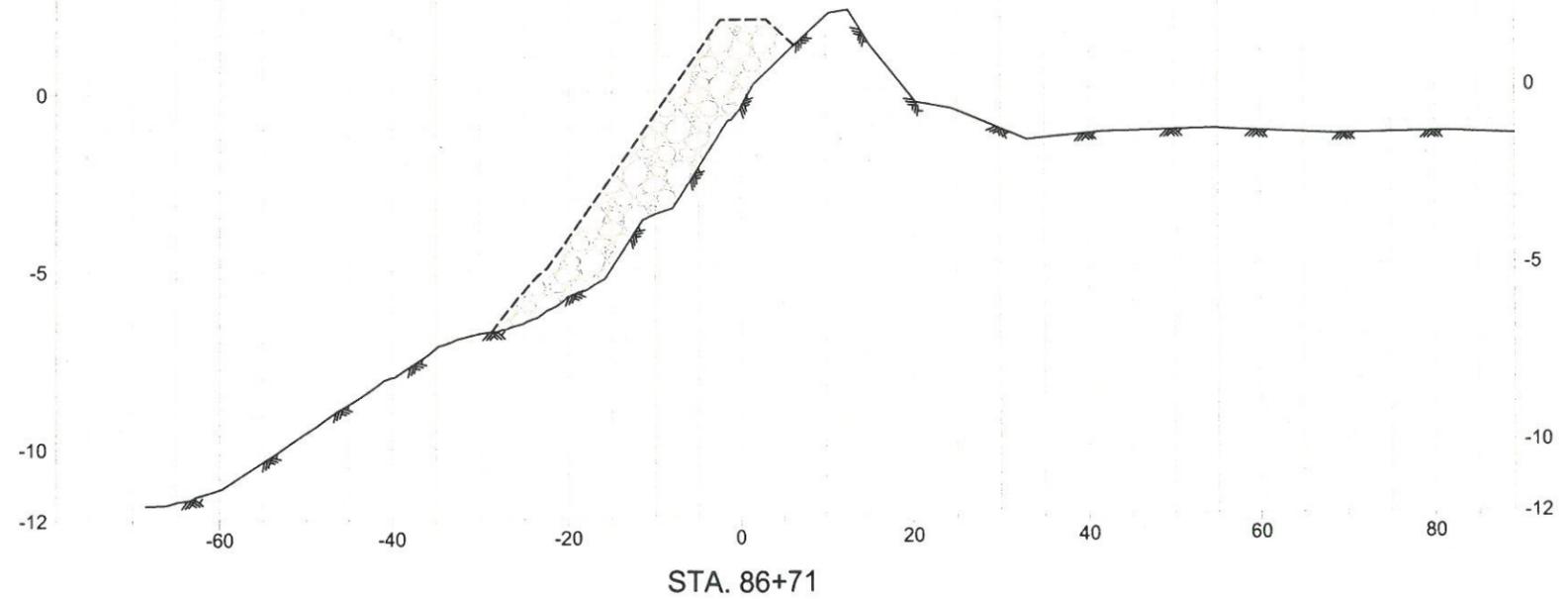
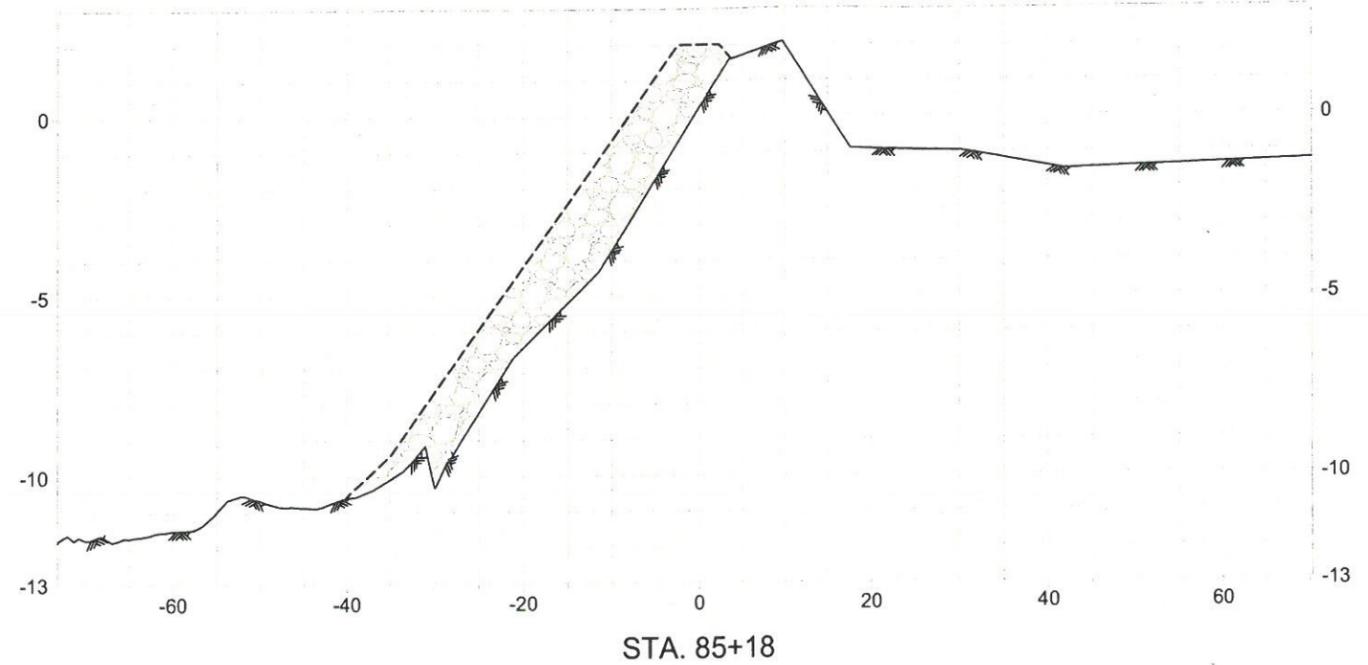


PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
LAKE RIM/BRETON CANAL RECAPPING SECTIONS
SECTION VIEWS
LAFOURCHE PARISH, LA.

FILE: Pre Construction Survey (Lake Rim/Breton Canal).dwg

SHEET: 18 OF 29



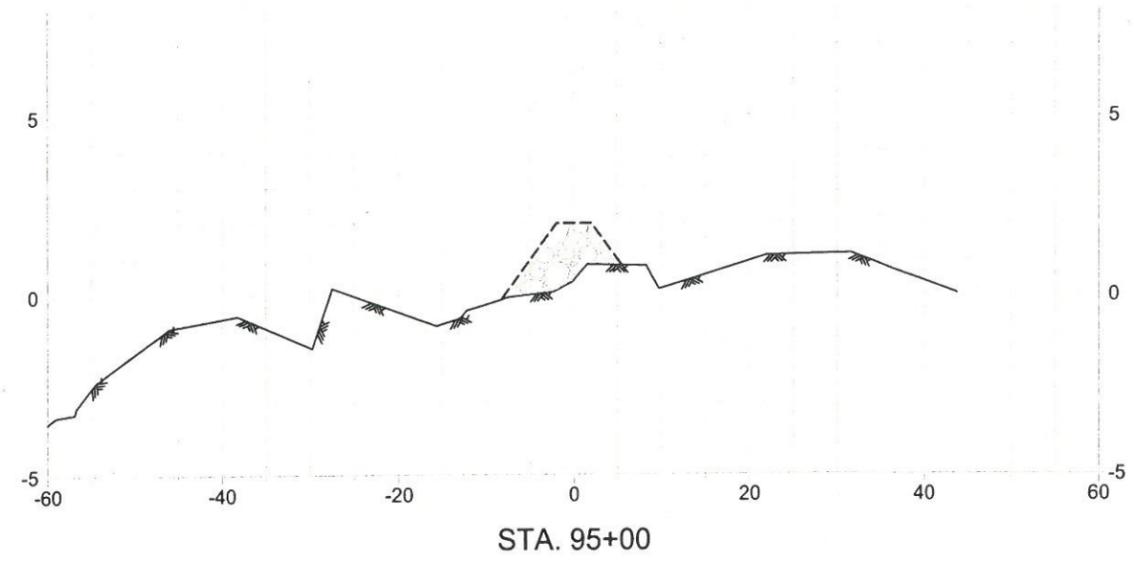
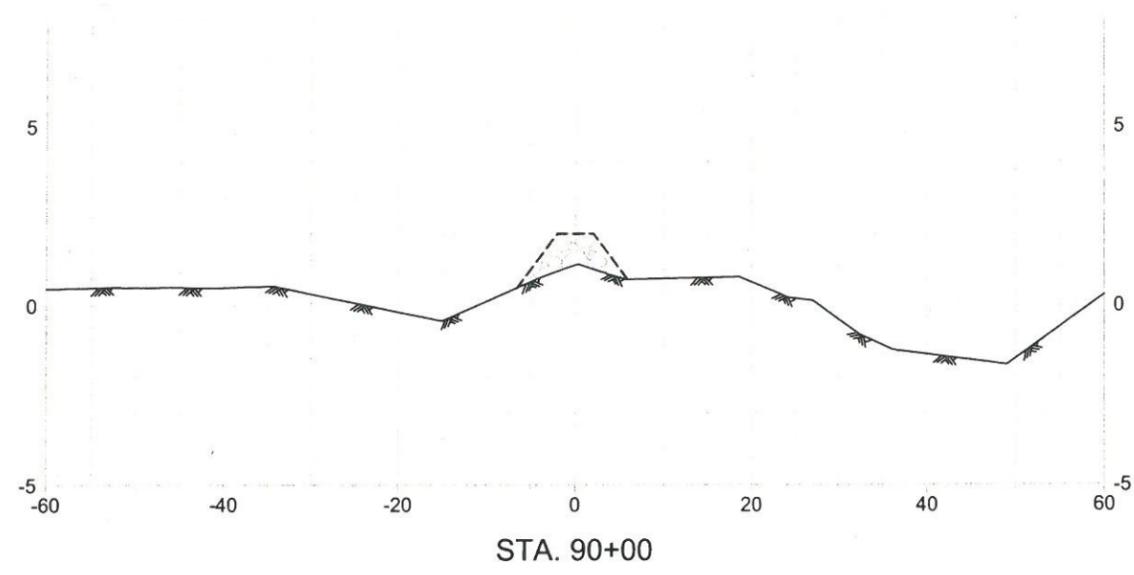
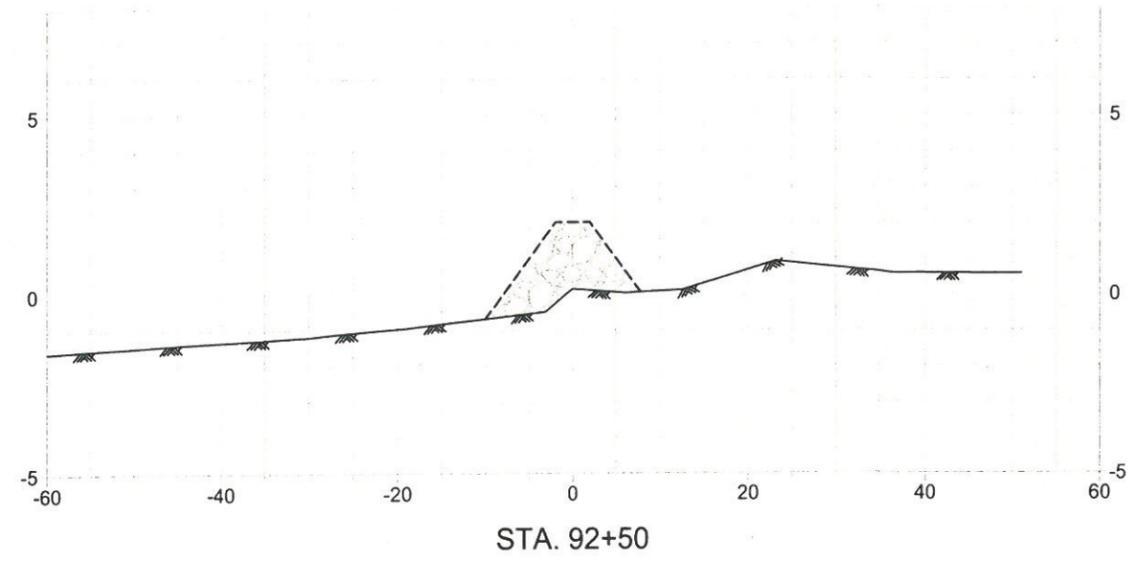
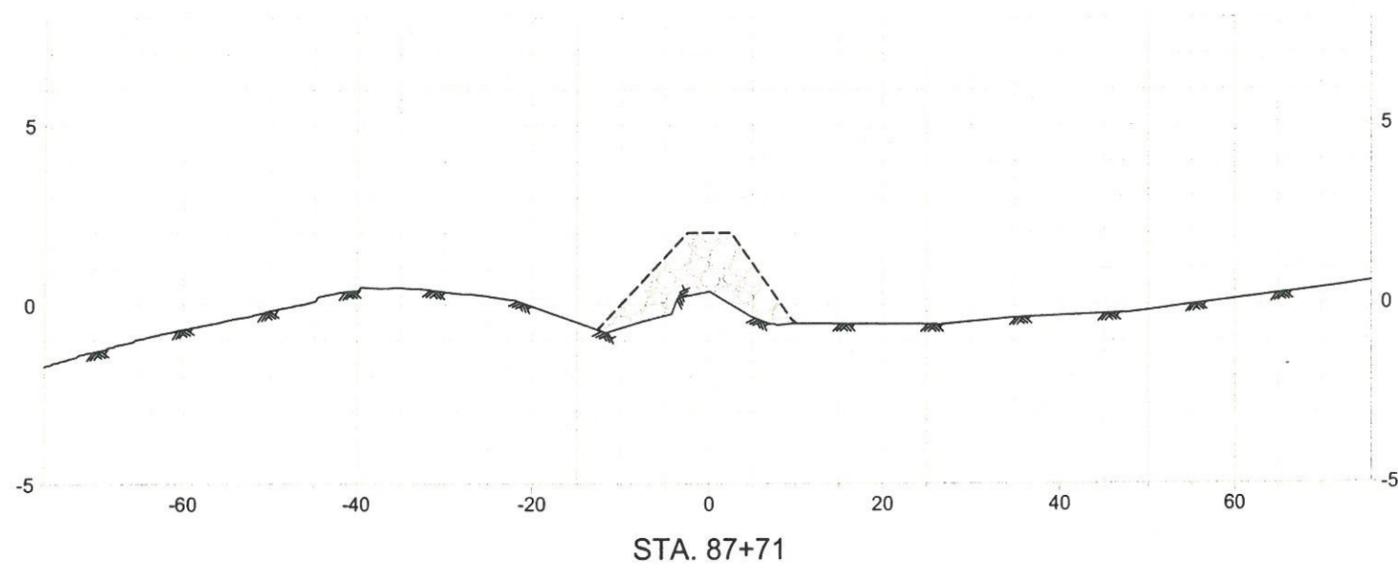
LEGEND	
	PRE-CONSTRUCTION SURVEY
	STRUCTURE 14A RECAPPING
	FILL MATERIAL (130 LB ROCK RIP RAP)

REVISED BY:	DATE:
HORIZONTAL SCALE	
VERTICAL SCALE	
DATE: 12/22/11	JOB# 2111122



GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
 LAKE RIM/BRETON CANAL RECAPPING SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583	FILE: Pre Construction Survey (Lake Rim/Breton Canal).dwg	SHEET: 19 OF 29
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LEGEND	
	PRE-CONSTRUCTION SURVEY
	STRUCTURE 14A RECAPPING
	FILL MATERIAL (130 LB ROCK RIP RAP)

REVISED BY:	DATE:
HORIZONTAL SCALE	
VERTICAL SCALE	
DATE: 12/22/11	JOB# 2111122

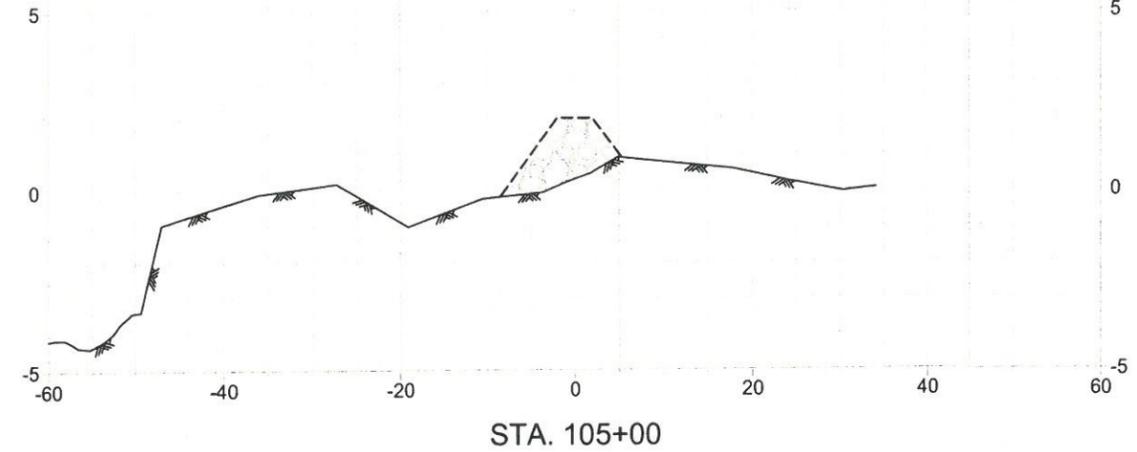
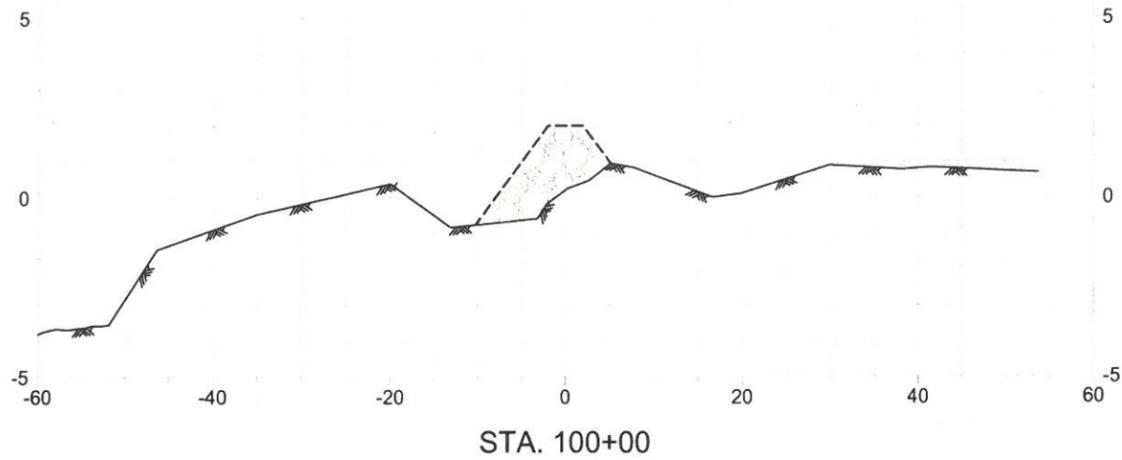
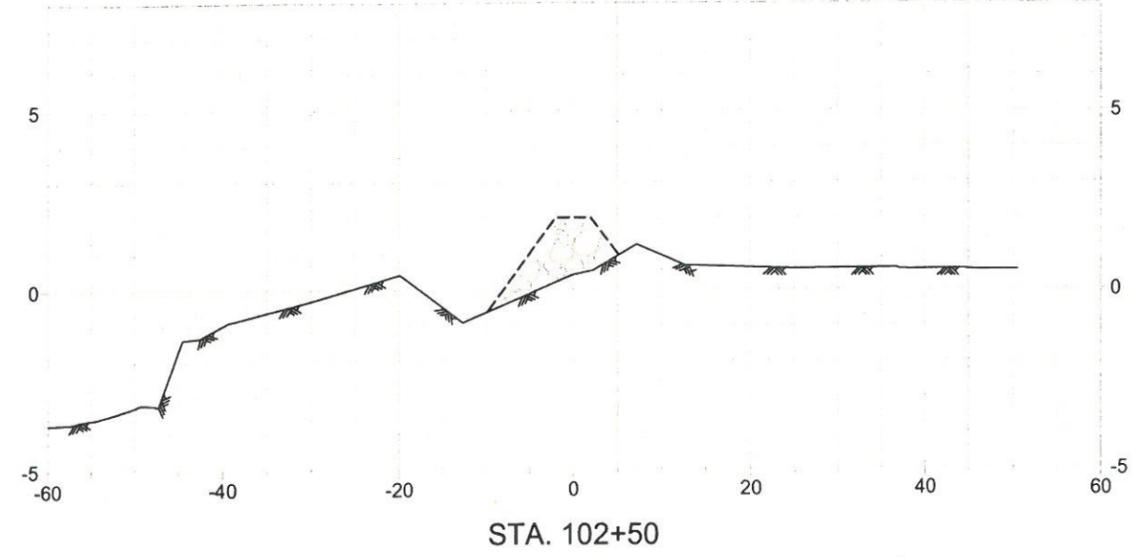
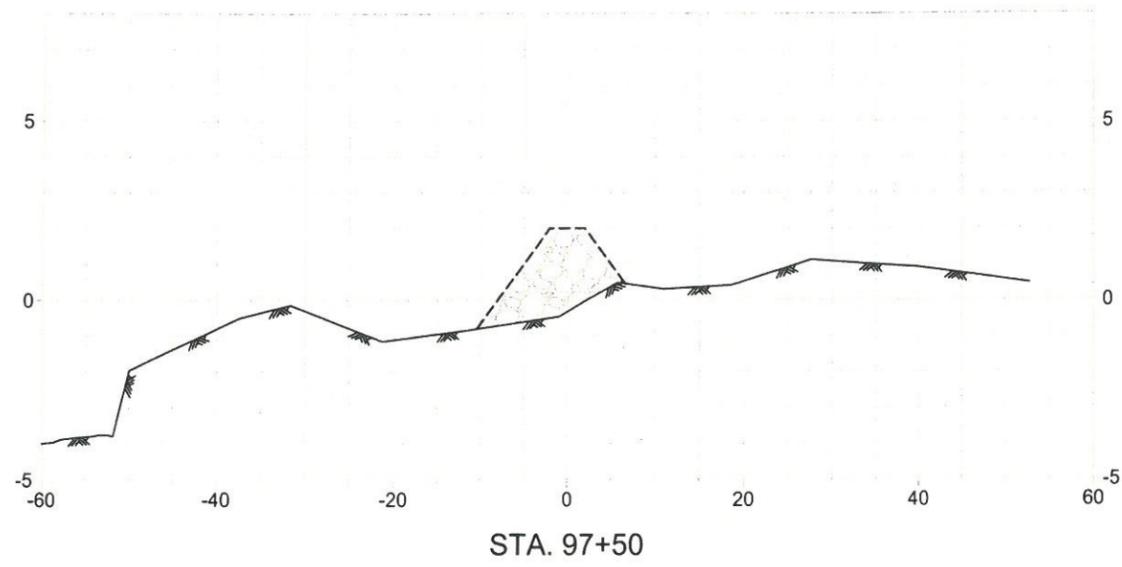


GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
 LAKE RIM/BRETON CANAL RECAPPING SECTIONS
 SECTION VIEWS
 LAFOURCHE PARISH, LA.

PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

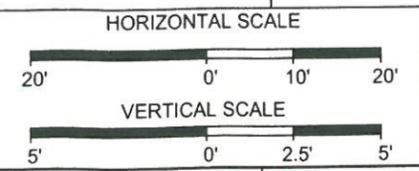
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SHEET: 20 OF 29

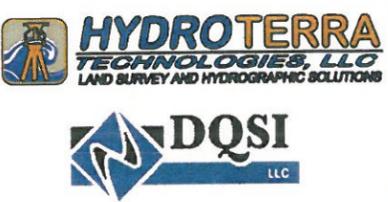


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	PRE-CONSTRUCTION SURVEY
	STRUCTURE 14A RECAPPING
	FILL MATERIAL (130 LB ROCK RIP RAP)

REVISED BY:	DATE:

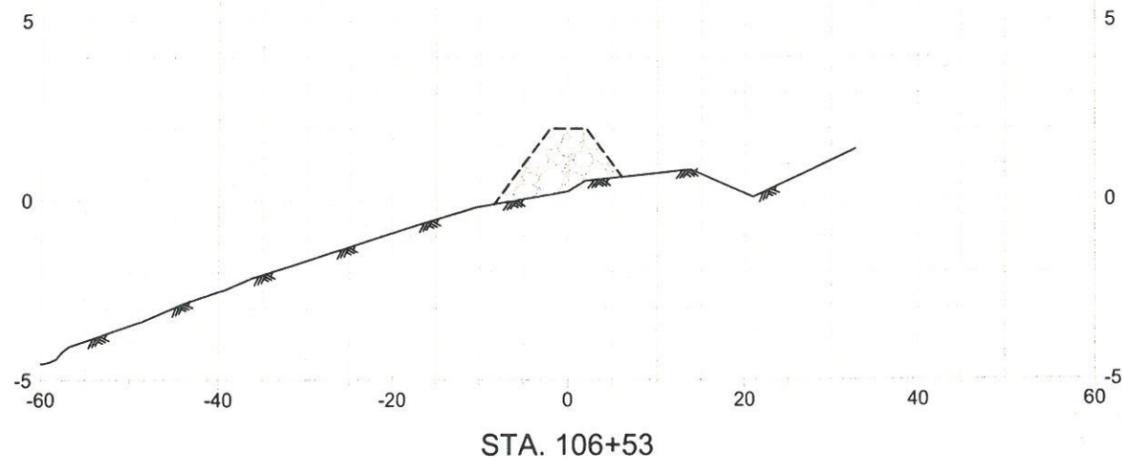


DATE: 12/22/11	JOB# 2111122
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PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583
FILE: Pre Construction Survey (Lake Rim/Breton Canal).dwg

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
LAKE RIM/BRETON CANAL RECAPPING SECTIONS
SECTION VIEWS
LAFOURCHE PARISH, LA.



STA. 106+53



LEGEND

-  PRE-CONSTRUCTION SURVEY
-  STRUCTURE 14A RECAPPING
-  FILL MATERIAL
(130 LB ROCK RIP RAP)

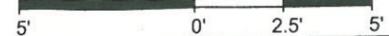
REVISED BY:

DATE:

HORIZONTAL SCALE



VERTICAL SCALE



DATE: 12/22/11

JOB# 2111122



PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

FILE: Pre Construction Survey (Lake Rim/Breton Canal).dwg

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
LAKE RIM/BRETON CANAL RECAPPING SECTIONS
SECTION VIEWS
LAFOURCHE PARISH, LA.

SHEET: 22 OF 29

Proposed Fill Material (Fish Dip 6) Volume Table			
Station	Area	Volume	Cumulative Volume
0+00.00	0.00	0.00	0.00 (CuYds)
2+50.00	0.00	0.00	0.00 (CuYds)
4+60.06	0.00	0.00	0.00 (CuYds)
4+72.03	0.00	0.00	0.00 (CuYds)
4+82.00	0.00	0.00	0.00 (CuYds)
4+94.00	0.00	0.00	0.00 (CuYds)
5+00.00	0.00	0.00	0.00 (CuYds)
7+50.00	0.00	0.00	0.00 (CuYds)
10+00.00	0.00	0.00	0.00 (CuYds)
12+50.00	0.00	0.00	0.00 (CuYds)
12+76.00	0.00	0.00	0.00 (CuYds)
12+88.00	0.00	0.00	0.00 (CuYds)
12+98.00	0.00	0.00	0.00 (CuYds)
13+10.00	0.00	0.00	0.00 (CuYds)
15+00.00	0.00	0.00	0.00 (CuYds)
16+36.27	0.00	0.00	0.00 (CuYds)
17+50.00	0.00	0.00	0.00 (CuYds)
19+98.00	0.00	0.00	0.00 (CuYds)
20+10.00	0.00	0.00	0.00 (CuYds)
20+20.00	0.00	0.00	0.00 (CuYds)
20+32.00	0.00	0.00	0.00 (CuYds)
22+50.00	0.00	0.00	0.00 (CuYds)
25+00.00	0.00	0.00	0.00 (CuYds)
27+50.00	0.00	0.00	0.00 (CuYds)
27+72.00	0.00	0.00	0.00 (CuYds)
27+84.00	0.00	0.00	0.00 (CuYds)
27+94.00	0.00	0.00	0.00 (CuYds)
28+05.90	0.00	0.00	0.00 (CuYds)
30+00.00	0.00	0.00	0.00 (CuYds)
32+50.00	0.00	0.00	0.00 (CuYds)

Proposed Fill Material (Fish Dip 6) Volume Table			
Station	Area	Volume	Cumulative Volume
35+00.00	0.00	0.00	0.00 (CuYds)
35+79.00	0.00	0.00	0.00 (CuYds)
35+91.00	0.00	0.00	0.00 (CuYds)
36+01.00	0.00	0.00	0.00 (CuYds)
36+13.00	0.00	0.00	0.00 (CuYds)
37+50.00	0.00	0.00	0.00 (CuYds)
39+86.64	0.00	0.00	0.00 (CuYds)
40+19.98	0.00	0.00	0.00 (CuYds)
42+50.00	0.00	0.00	0.00 (CuYds)
45+00.00	0.00	0.00	0.00 (CuYds)
47+50.00	0.00	0.00	0.00 (CuYds)
47+77.91	0.00	0.00	0.00 (CuYds)
47+82.00	110.60	8.37	8.37 (CuYds)
47+94.00	76.21	41.51	49.88 (CuYds)
48+04.00	78.85	28.71	78.60 (CuYds)
48+16.00	118.98	43.96	122.56 (CuYds)
49+75.54	0.00	351.52	474.07 (CuYds)
50+00.00	0.00	0.00	474.07 (CuYds)
52+50.00	0.00	0.00	474.07 (CuYds)
55+00.00	0.00	0.00	474.07 (CuYds)
56+47.39	0.00	0.00	474.07 (CuYds)
57+50.00	0.00	0.00	474.07 (CuYds)
60+00.00	0.00	0.00	474.07 (CuYds)
62+50.00	0.00	0.00	474.07 (CuYds)
64+99.90	0.00	0.00	474.07 (CuYds)
67+50.00	0.00	0.00	474.07 (CuYds)
68+32.69	0.00	0.00	474.07 (CuYds)
70+00.00	0.00	0.00	474.07 (CuYds)
72+50.00	0.00	0.00	474.07 (CuYds)
75+00.00	0.00	0.00	474.07 (CuYds)

Proposed Fill Material (Fish Dip 6) Volume Table			
Station	Area	Volume	Cumulative Volume
77+50.00	0.00	0.00	474.07 (CuYds)
80+00.00	0.00	0.00	474.07 (CuYds)
82+50.00	0.00	0.00	474.07 (CuYds)
84+45.22	0.00	0.00	474.07 (CuYds)
85+18.08	0.00	0.00	474.07 (CuYds)
86+70.59	0.00	0.00	474.07 (CuYds)
87+71.48	0.00	0.00	474.07 (CuYds)
90+00.00	0.00	0.00	474.07 (CuYds)
92+50.00	0.00	0.00	474.07 (CuYds)
95+00.00	0.00	0.00	474.07 (CuYds)
97+50.00	0.00	0.00	474.07 (CuYds)
100+00.00	0.00	0.00	474.07 (CuYds)
102+50.00	0.00	0.00	474.07 (CuYds)
105+00.00	0.00	0.00	474.07 (CuYds)
106+52.50	0.00	0.00	474.07 (CuYds)

Volume Sections	Cumulative Volumes (CuYds)	Tonnage (1.5 x Total CuYds)
250' Sections w/out Fish Dips	11419.02	17128.53
Fish Dip 1	923.04	1384.56
Fish Dip 2	879.2	1318.8
Fish Dip 3	1681.2	2521.8
Fish Dip 4	969.02	1453.53
Fish Dip 5	634.12	951.18
Fish Dip 6	474.07	711.105
TOTAL	16979.67	25469.505



REVISED BY:	DATE:
DATE: 12/22/11	JOB# 2111122





PREPARED BY: HYDROTERRA TECHNOLOGIES, LLC. - 202 JACOBS RUN, SCOTT, LA. 70583

FILE: Pre Construction Survey (Lake Rim/Breton Canal).dwg

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2010 MAINTENANCE PROJECT (BA-02)
PRE-CONSTRUCTION SURVEY
LAKE RIM/BRETON CANAL RECAPPING SECTIONS
 VOLUME REPORTS
 LAFOURCHE PARISH, LA.

SHEET: 29 OF 29

ATTACHMENT “J”

Wage Determination

Wage Decision

Authorizations

DQSI Payrolls

Hydroterra Payrolls

Interviews

Correspondence

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LA100002 MOD 10 REVISED 09/16/11 LA2
 ***** THIS WAGE DETERMINATION WAS REPLACED ON 09/16/11*****
 General Decision Number: LA100002 07/22/2011

Superseded General Decision Number: LA20080002

State: Louisiana

Construction Type: Heavy

Counties: Acadia, Ascension, Bossier, Caddo, Calcasieu, East
 Baton Rouge, Lafayette, Lafourche, Livingston, Ouachita,
 Rapides, St Landry, St Martin, Terrebonne, Webster and West
 Baton Rouge Counties in Louisiana.

HEAVY CONSTRUCTION PROJECTS (includes flood control, water &
 sewer lines, and water wells; excludes elevated storage tanks,
 industrial construction-chemical processing, power plants, and
 refineries)

Modification Number	Publication Date
0	03/12/2010
1	03/19/2010
2	09/03/2010
3	09/10/2010
4	01/21/2011
5	02/11/2011
6	03/18/2011
7	05/13/2011
8	06/17/2011
9	07/01/2011
10	07/22/2011

CARP0764-003 07/01/2006

BOSSIER, CADDO, OUACHITA, RAPIDES, AND WEBSTER PARISHES

	Rates	Fringes
CARPENTER (formbuilding/formsetting).....	\$ 17.25	5.02

CARP1075-004 01/01/2011		

CALCASIEU PARISH

	Rates	Fringes
CARPENTER (formbuilding/formsetting).....	\$ 20.21	5.00

CARP1075-009 01/01/2011		

ACADIA, LAFAYETTE, ST. LANDRY, AND ST. MARTIN PARISHES

	Rates	Fringes
CARPENTER (formbuilding/formsetting).....	\$ 19.30	5.00

CARP1098-004 01/01/2010		

ASCENSION, EAST BATON ROUGE, LIVINGSTON, AND WEST BATON ROUGE
PARISHES

	Rates	Fringes
CARPENTER (formbuilding/formsetting).....	\$ 24.25	7.29

* CARP1846-008 07/01/2011		

LAFOURCHE and TERREBONNE PARISHES

	Rates	Fringes
CARPENTER (formbuilding/formsetting).....	\$ 21.81	7.35

ELEC0130-009 06/01/2011		

LAFOURCHE AND TERREBONNE PARISHES

	Rates	Fringes
ELECTRICIAN.....	\$ 26.75	9.19

ELEC0194-007 03/04/2010		

BOSSIER, CADDO, and WEBSTER PARISHES

	Rates	Fringes
ELECTRICIAN Lineman and Heavy Equipment Operator.....	\$ 24.50	8.74

ELEC0446-007 03/01/2011		

OUACHITA PARISH

	Rates	Fringes
ELECTRICIAN.....	\$ 20.60	1%+8.81

ELEC0576-006 03/01/2011		

RAPIDES PARISH

	Rates	Fringes
ELECTRICIAN.....	\$ 23.50	5.70

* ELEC0861-006 07/01/2011		

ACADIA, CALCASIEU, LAFAYETTE, AND ST. MARTIN PARISHES

	Rates	Fringes
ELECTRICIAN.....	\$ 23.70	1%+9.94

ELEC0995-006 01/01/2011		

ASCENSION, EAST BATON ROUGE, LIVINGSTON, ST. LANDRY, AND WEST BATON ROUGE PARISHES

	Rates	Fringes
ELECTRICIAN.....	\$ 22.68	8.41

SULA2004-006 04/29/2004		

	Rates	Fringes
CARPENTER (all other work).....	\$ 12.81	0.00
Cement Mason/Concrete Finisher...	\$ 13.77	0.00
Laborers		
Common.....	\$ 8.20	0.00
Pipelayer.....	\$ 9.45	0.00
Power Equipment Operators		
Backhoe/Excavator.....	\$ 13.01	0.00
Bulldozer.....	\$ 13.83	0.00
Crane.....	\$ 16.62	3.28
Dragline.....	\$ 15.16	0.00
Front End Loader.....	\$ 11.50	0.00
Motor Grader/Blade.....	\$ 11.75	0.00
Oiler.....	\$ 8.59	2.50
Trackhoe.....	\$ 12.64	0.00
Water Well Driller.....	\$ 11.91	2.44
Winch.....	\$ 11.38	0.00
Truck Driver, Dump.....	\$ 10.25	0.00

19.90

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

=====

END OF GENERAL DECISION



19218 North 5th Street · Covington, LA 70433
Phone (985) 871-7472 · Fax (985) 871-1072
www.DQSI.com

January 26, 2012

PROJECT: GIWW-Clovelly Hydrologic Restoration
#2245524

To whom it may concern,

Kim Economides, Controller of DQSI, LLC., is authorized to sign the weekly payroll reports for the Clovelly Hydrologic Restoration job.

Sincerely,

A handwritten signature in blue ink, appearing to be 'Shelly S. Stubbs', written over a blue circular stamp or seal.

Shelly S. Stubbs, President

SUPPORT ENFORCEMENT SERVICES
P.O. BOX 1427
THIBODAUX LA 70302

State of Louisiana
Co./City/Dist. of 32nd Judicial District
Tribunal/Case Number 12027-IVD

DQSI LLC
19218 N 5TH STREET
COVINGTON LA 70433-9017

Original Amended Terminate Withholding

Employer/Withholder's Federal EIN Number 721416998 Child(ren)'s Name(s) CALEB BLANCHARD
RE: DOB 01/07/2004
Employee's/Obligor's Name ANTHONY M GISCLAIR
Employee's/Obligor's Social Security Number 439-65-0357
Employee's/Obligor's Case Identifier 000713381-01
Obligee Name MICHELLE BLANCHARD

If checked, you are required to enroll the child(ren) identified above in any health insurance coverage available to the employee/obligor through his/her employment.

ORDER INFORMATION: This Order/Notice is based on the support order from Louisiana.

You are required by law to deduct these amounts from the employee's/obligor's income until further notice.

\$ 430.00	Per month	current child support	\$ 0.00	Per month	spousal support
\$ 25.00	Per month	past-due child support	\$ 0.00	Per month	past-due spousal support
\$ 0.00	Per month	current medical support	\$ 22.75	Per month	hearing officer fee
\$ 0.00	Per month	past-due medical support	Arrears 12 weeks or greater? <input type="checkbox"/> yes <input type="checkbox"/> no		

For a total of \$ 477.75 per month to be forwarded to the payee below

You do not have to vary your pay cycle to be in compliance with the support order. If your pay cycle does not match the ordered payment cycle, withhold one of the following amounts:

\$ 110.25 per weekly pay period. \$ 238.87 per semimonthly pay period (twice a month).
\$ 220.50 per biweekly pay period (every two weeks). \$ 477.75 per monthly pay period.

REMITTANCE INFORMATION: When remitting payment, please provide case number 000713381-01 .
If the employee's/obligor's principal place of employment is Louisiana, begin withholding no later than the first pay period after the date of this notice. Send payment within seven working days of the pay date/date of withholding. **The total withheld amount, including your fee, cannot exceed 50% of the employee's/obligor's aggregate disposable earnings.**

If the employee's/obligor's principal place of employment is not Louisiana, for limitations on withholding, applicable time requirements, and any allowable employer fees, follow the laws and procedures of the employee's/obligor's principal place of employment (see #4 and #10, ADDITIONAL INFORMATION TO EMPLOYERS AND OTHER WITHHOLDERS).

If remitting payment by EFT/EDI, call (225) 924-5990 before first submission. Use this FIPS code: 22000 Bank routing code: Bank account number:

Make check payable to: Department of Social Services Send check to: Department of Social Services
Address: P.O. Box 260222, Baton Rouge, LA 70826

Authorized by: DARCI J LOWERY Date: 01/12/2012
Print Name and Title Of Authorized Official(s) SOCIAL SERVICES ANALYST 2

IMPORTANT: The person completing this form is advised that the information on this form may be shared with the obligor.

Melanie Caillouet

From: Kim Economides <kim@dqsi.com>
Sent: Wednesday, April 04, 2012 7:35 AM
To: Melanie Caillouet
Subject: RE: Clovelly

There is a \$10 company processing fee.

Kim Economides

From: Melanie Caillouet [<mailto:melaniecaillouet@providenceeng.com>]
Sent: Tuesday, April 03, 2012 4:47 PM
To: Kim Economides
Subject: Clovelly

Kim,

I just noticed that Mr. Anthony Gisclair's wage garnishment according to the paperwork you sent me should be \$110.25 a week. Your payrolls show \$120.25 taken out. Can you please check on this?

Melanie B. Caillouet, P.E.

PROVIDENCE/GSE

GSE ASSOCIATES, LLC

991 Grand Caillou Road

Houma, LA 70363

Office: (985) 876-6380

Fax: (985) 876-0621

melaniecaillouet@providenceeng.com

www.providenceeng.com/gse

ADDITIONAL INFORMATION TO EMPLOYERS AND OTHER WITHHOLDERS

[] If checked, you are required to provide a copy of this form to your employee. If your employee works in a state that is different from the state that issued this order, a copy must be provided to your employee even if the box is not checked.

1. We appreciate the voluntary compliance of Federally recognized Indian tribes, tribally-owned businesses, and Indian-owned businesses located on a reservation that choose to withhold in accordance with this notice.
2. Priority: Withholding under this Order/Notice has priority over any other legal process under State law against the same income. Federal tax levies in effect before receipt of this order have priority. If there are Federal tax levies in effect, please contact the requesting agency or party listed in number 12 below.
3. Combining Payments: You can combine withheld amounts from more than one employee's/obligor's income in a single payment to each agency/party requesting withholding. You must, however, separately identify the portion of the single payment that is attributable to each employee/obligor.
4. Reporting the Paydate/Date of Withholding: You must report the paydate/date of withholding when sending the payment. The paydate/date of withholding is the date on which the amount was withheld from the employee's wages. You must comply with the law of the state of employee's/obligor's principal place of employment with respect to the time periods within which you must implement the withholding order and forward the support payments.
5. Employee/Obligor with Multiple Support Withholdings: If there is more than one Order/Notice to Withhold Income for Child Support against this employee/obligor and you are unable to honor all support Orders/Notices due to Federal or State withholding limits, you must follow the law of the state of employee's/obligor's principal place of employment. You must honor all Orders/Notices to the greatest extent possible. (See #10 below.)

6. Termination Notification: You must promptly notify the requesting agency or payee when the employee/obligor no longer works for you. Please provide the information requested and return a complete copy of this order/notice to the Child Support Enforcement Agency or payee.

EMPLOYEE'S/OBLIGOR'S NAME: ANTHONY M GISCLAIR

CASE ID: 000713381-01

DATE OF SEPARATION FROM EMPLOYMENT: _____

LAST KNOWN HOME ADDRESS: _____

NEW EMPLOYER/ADDRESS: _____

7. Lump Sum Payments: You may be required to report and withhold from lump sum payments such as bonuses, commissions, or severance pay. If you have any questions about lump sum payments, contact the person or authority below.
8. Liability: If you have any doubts about the validity of the Order/Notice, contact the agency or person listed below. If you fail to withhold income as the Order/Notice directs, you are liable for both the accumulated amount you should have withheld from the employee's/obligor's income and any other penalties set by State law.
9. Anti-discrimination: You are subject to a fine determined under State law for discharging an employee/obligor from employment, refusing to employ, or taking disciplinary action against any employee/obligor because of a child support withholding.
10. Withholding Limits: You may not withhold more than the lesser of: 1) the amounts allowed by the Federal Consumer Credit Protection Act (15 U.S.C. §1673 (b)); or 2) the amounts allowed by the State of the employee's/obligor's principal place of employment. The Federal limit applies to the aggregate disposable weekly earnings (ADWE). ADWE is the net income left after making mandatory deductions such as: State, Federal, local taxes, Social Security taxes, statutory pension contributions, and Medicare taxes.

Additional Information:

11. Submitted by **SUPPORT ENFORCEMENT SERVICES**
P.O. BOX 1427
THIBODAUX LA 70302

12. If you or your employee/obligor have any questions, contact: **DARCI J LOWERY**
telephone at **(800)256-4650**

by

PAYROLL

(For Contractor's Optional Use; See Instructions, Form WH-347 Inst.)

Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number.



Rev. April 2006
OMB No.: 1215-0149
Expires: 04/2009

NAME OF CONTRACTOR OR SUBCONTRACTOR
DQSILLC
 PAYROLL NO. **WEEK #24**
 ADDRESS
 19218 N. 5th Street, Covington, LA 70433
 PROJECT AND LOCATION
 GIWW-Clovelly Hydrologic Restoration
 PROJECT OR CONTRACTOR NO.
 2245524

(1)	(2)	(3)	(4) DAY AND DATE							(5)	(6)	(7)	(8) DEDUCTIONS				(9)							
			OT OR RT	Sa	Su	M	Tu	W	Th				F	TOTAL HOURS	RATE OF PAY	GROSS AMOUNT EARNED		FICA	WITH-HOLDING TAX	LA WH	Wage Garnishment	TOTAL DEDUCTIONS	Addition - Per Diem	NET WAGES PAID FOR WEEK
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00				
Anthony Gisclair/0357		non-exempt/Power/Equip Operators				2.00	12.00	12.00	8.0	34.00	\$ 30.00	\$1,820.00	\$ 102.83	\$ 372.00	\$ 73.27	\$ 120.25	\$ 668.35	\$ -	\$ -	\$1,151.65				
Charles Mills/3412		non-exempt/Power/Equip Operators				6.00	12.00	12.00	8.0	26.00	\$ 30.00	\$1,560.00	\$ 89.27	\$ 186.00	\$ 51.32	\$ -	\$ 326.59	\$ 250.00	\$ -	\$1,503.41				
Clyde M Smith/1237		non-exempt/Power/Equip Operators					12.0			12.00	\$ 21.00	\$ 252.00	\$ 52.20	\$ 11.00	\$ 23.08	\$ -	\$ 86.28	\$ 50.00	\$ -	\$ 887.72				
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				

The Copeland Act (40 U.S.C. 3145) requires contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S.

We estimate that it will take an average of 56 minutes to complete this collection of information, including time for reviewing instructions searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the colle

PAYROLL

(For Contractor's Optional Use; See Instructions, Form WH-347 Inst.)

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Rev. April 2006
OMB No. : 1215-0149
Expires: 04/2009

NAME OF CONTRACTOR OR SUBCONTRACTOR
 ADDRESS
 19218 N. 5th Street, Covington, LA 70433
 PROJECT AND LOCATION
 GIWW-Clovelly Hydrologic Restoration
 PROJECT OR CONTRACTOR NO.
 2245524

(1)	(2)	(3)	OT OR ST	(4) DAY AND DATE							(5)	(6)	(7)	(8) DEDUCTIONS				(9)		
				Sa	Su	Mo	Tu	W	Th	F				WITH- HOLDING TAX	LA W/H	Wage Garnishment	TOTAL DEDUCTIONS		Addition - Per Diem	NET WAGES PAID FOR WEEK
	NO OF EXEMPTIONS	WORK CLASSIFICATION		12	13	14	15	16	17	18	TOTAL HOURS	RATE OF PAY	GROSS AMOUNT EARNED	FICA						
											0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00	
											0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00	
Anthony Gisclair/0357		non- exempt/Power Equip Operators	O				6.00	12.00	12.00	12.00	30.00	\$ 30.00	\$1,700.00	\$ 96.05	\$ 339.00	\$ 67.21	\$ 120.25	\$ 622.51	\$ -	\$1,077.49
			S	10.0			12.0	6.0			40.00	\$ 20.00	\$ 1,700.00	\$ 96.05	\$ 215.00	\$ 55.82	\$ -	\$ 366.87	\$ 250.00	\$1,583.13
Charles Mills/3412		non- exempt/Power Equip Operators	O				6.00	12.00	12.00	12.00	30.00	\$ 30.00	\$1,700.00	\$ 96.05	\$ 215.00	\$ 55.82	\$ -	\$ 366.87	\$ 250.00	\$1,583.13
			S	10.0			12.0	6.0			40.00	\$ 20.00	\$ 1,700.00	\$ 96.05	\$ 215.00	\$ 55.82	\$ -	\$ 366.87	\$ 250.00	\$1,583.13
Clyde M Smith/1237		non- exempt/Power Equip Operators	O						8.0	12.0	20.00	\$ 31.50	\$1,470.00	\$ 82.00	\$ 83.06	\$ 43.56	\$ -	\$ 208.62	\$ 250.00	\$1,511.38
			S				12.0	12.0	4.0		40.00	\$ 21.00	\$ 1,470.00	\$ 82.00	\$ 83.06	\$ 43.56	\$ -	\$ 208.62	\$ 250.00	\$1,511.38
			O								0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			S								0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			O								0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			S								0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			O								0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			S								0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

The Copeland Act (40 U.S.C. 3145) requires contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S.

We estimate that it will take an average of 56 minutes to complete this collection of information, including time for reviewing instructions searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the colle

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

-- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in Section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)	EXPLANATION

REMARKS:

NAME AND TITLE
Kim Economides, Controller
 SIGNATURE

 THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Date 5/18/2012

I, Kim Economides Controller
 (Name of Signatory Party) (Title)

do hereby state:
 (1) That I pay or supervise the payment of the persons employed by
DQSI LLC on the
 (Contractor or Subcontractor)

GIWW-Clovelly Hydrologic Restoration; that during the payroll period commencing on the
 (Building or Work)

12 day of May 2012, and ending the 18 day of May, 2012.
 all persons employed on said project have been paid the full weekly wages earned, that no rebates have
 been or will be made either directly or indirectly to or on behalf of said

DQSI LLC from the full
 (Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 CFR Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. 276c), and described below:

None

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete, that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract, that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:
 (a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS
 -- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in Section 4(c) below.

PAYROLL

(For Contractor's Optional Use; See Instructions, Form WH-347 Inst.)

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Rev. April 2006
OMB No.: 1215-0149
Expires: 04/2009

NAME OF CONTRACTOR OR SUBCONTRACTOR ADDRESS 19218 N. 5th Street, Covington, LA 70433

PAYROLL NO. DQSI LLC PROJECT AND LOCATION PROJECT OR CONTRACTOR NO. 2245524

FOR WEEK ENDING 5/4/2012 GIWW-Clovelly Hydrologic Restoration

WEEK #21

(1)	(2)	(3)	(4) DAY AND DATE							(5)	(6)	(7)	(8) DEDUCTIONS					(9)				
			HOURS WORKED EACH DAY										TOTAL HOURS	RATE OF PAY	GROSS AMOUNT EARNED	FICA	WITH-HOLDING TAX		LA WHI	Wage Garnishment	TOTAL DEDUCTIONS	Addition - Per Diem
			Sa	Su	M	Tu	W	Th	F													
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00			
									0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00			
Anthony Gisclair/0357		non-exempt/Power Equip Operators				2.0	12.0			14.00	\$ 30.00	\$ 1,220.00	\$ 68.93	\$ 218.00	\$ 42.97	\$ 120.25	\$ 450.15	\$ -	\$769.85			
						8.00				40.00	\$ 20.00	\$ 1,220.00	\$ 70.63	\$ 136.00	\$ 38.94	\$ -	\$ 245.57	\$ 250.00	\$1,254.43			
Charles Mills/3412		non-exempt/Power Equip Operators				3.0	12.0			15.00	\$ 30.00	\$ 1,250.00	\$ 69.71	\$ 46.00	\$ 34.70	\$ -	\$ 150.41	\$ 250.00	\$1,333.34			
						8.00				40.00	\$ 21.00	\$ 1,233.75	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
Clyde M Smith/1237		non-exempt/Power Equip Operators				0.5	12.0			12.50	\$ 31.50	\$ 1,233.75	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
						10.5	11.5			40.00	\$ 21.00	\$ 1,233.75	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			

The Copeland Act (40 U.S.C. 3145) requires contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S.

We estimate that it will take an average of 56 minutes to complete this collection of information, including time for reviewing instructions searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the colle

PAYROLL



(For Contractor's Optional Use; See Instructions, Form WH-347 Inst.)

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Rev. April 2006
OMB No.: 1215-0149
Expires: 04/2009

NAME OF CONTRACTOR OR SUBCONTRACTOR ADDRESS 19218 N. 5th Street, Covington, LA 70433 PROJECT OR CONTRACTOR NO. 2245524

PAYROLL NO. DQSI LLC PROJECT AND LOCATION GIWW-Clovelly Hydrologic Restoration

FOR WEEK ENDING 4/27/2012

(1)	(2)	(3)	(4) DAY AND DATE							(5)	(6)	(7)	(8) DEDUCTIONS					(9)				
			HOURS WORKED EACH DAY										TOTAL HOURS	RATE OF PAY	GROSS AMOUNT EARNED	FICA	WITH-HOLDING TAX		LA WH	Wage Garnishment	TOTAL DEDUCTIONS	Addition - Per Diem
			Sa	Su	M	Tu	W	Th	F													
			21	22	23	24	25	26	27	0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00			
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00			
Anthony Gisclair/0357		non-exempt/Power Equip Operators	8.0	11.0	12.0	9.0				34.00	\$ 30.00	\$1,820.00	\$ 102.83	\$ 372.00	\$ 73.27	\$ 120.25	\$ 668.35	\$ -	\$1,151.65			
										40.00	\$ 20.00	\$ 1,820.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
Charles Mills/3412		non-exempt/Power Equip Operators	8.0	12.0	12.0	8.0				28.00	\$ 30.00	\$1,640.00	\$ 92.66	\$ 200.00	\$ 53.57	\$ -	\$ 346.23	\$ 250.00	\$1,543.77			
										40.00	\$ 20.00	\$ 1,640.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
Clyde M Smith/1237		non-exempt/Power Equip Operators	8.0				4.00	12.0	2.0	18.00	\$ 31.50	\$1,407.00	\$ 79.49	\$ 72.00	\$ 41.20	\$ -	\$ 192.69	\$ 250.00	\$1,464.31			
										40.00	\$ 21.00	\$ 1,407.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			

The Copeland Act (40 U.S.C. 3145) requires contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S.

We estimate that it will take an average of 56 minutes to complete this collection of information, including time for reviewing instructions searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the colle

Date 4/27/2012

I, Kim Economides Controller
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

DQSI LLC on the
(Contractor or Subcontractor)

GIWW-Clovelly Hydrologic Restoration; that during the payroll period commencing on the
(Building or Work)

21 day of April # 2012, and ending the 27 day of April, 2012.
all persons employed on said project have been paid the full weekly wages earned, that no rebates have
been or will be made either directly or indirectly to or on behalf of said

DQSI LLC from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full
wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 CFR Subtitle A),
issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76
Stat. 357; 40 U.S.C. 276c), and described below:

None

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and
complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates
contained in any wage determination incorporated into the contract; that the classifications set forth therein for each
laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program
registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States
Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of
Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in
the above referenced payroll, payments of fringe benefits as listed in the contract
have been or will be made to appropriate programs for the benefit of such
employees, except as noted in Section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been
paid, as indicated on the payroll, an amount not less than the sum of the
applicable basic hourly wage rate plus the amount of the required fringe
benefits as listed in the contract, except as noted in Section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)	EXPLANATION

REMARKS:

NAME AND TITLE

Kim Economides, Controller

SIGNATURE

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR
SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE
18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

PAYROLL



(For Contractor's Optional Use; See Instructions, Form WH-347 Inst.)

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Rev. April 2006
OMB No.: 1215-0149
Expires: 04/2009

NAME OF CONTRACTOR OR SUBCONTRACTOR ADDRESS 19218 N. 5th Street, Covington, LA 70433 PROJECT OR CONTRACTOR NO. 2245524

PAYROLL NO. DQSI LLC PROJECT AND LOCATION GIWW-Clovelly Hydrologic Restoration

WEEK #17 FOR WEEK ENDING 4/6/2012

(1)	(2)	(3)	(4) DAY AND DATE							(5)	(6)	(7)	(8) DEDUCTIONS					(9)		
			1	2	3	4	5	6	La				WH	Wage	TOTAL	Per	Diem			
			Sa	Su	M	Tu	W	Th	F	TOTAL HOURS	RATE OF PAY	GROSS AMOUNT EARNED	FICA	WITH-HOLDING TAX	LA W/H	Wage Garnishment	TOTAL DEDUCTIONS	Addition - Per Diem	NET WAGES PAID FOR WEEK	
*.0 Holiday paid as straight time										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00
Anthony Gisclair/0357		non-exempt/Power Equip Operators	10.0	12.0	12.0	12.0	6.00	8.0		48.00	\$ 20.00	\$ 960.00	\$ 77.97	\$ 258.00	\$ 51.05	\$ 120.25	\$ 507.27	\$ -	\$ -	\$ 872.73
Charles Mills/3412		non-exempt/Power Equip Operators	10.0	12.0	12.0	12.0	6.00	8.00		48.00	\$ 20.00	\$ 960.00	\$ 77.97	\$ 156.00	\$ 43.82	\$ -	\$ 277.79	\$ 250.00	\$ -	\$ 1,352.21
Clyde M Smith/1237		non-exempt/Power Equip Operators	10.0	12.0	12.0	12.0	6.0	8.00		48.00	\$ 21.00	\$ 1,008.00	\$ 103.22	\$ 135.00	\$ 56.95	\$ -	\$ 295.17	\$ 250.00	\$ -	\$ 1,781.83
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

The Copeland Act (40 U.S.C. 3145) requires contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S.

We estimate that it will take an average of 56 minutes to complete this collection of information, including time for reviewing instructions searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the colle

U.S. Department of Labor
Employment Standards Administration
Wage and Hour Division

PAYROLL



(For Contractor's Optional Use; See Instructions, Form WH-347 Inst.)

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Rev. April 2006
OMB No.: 1215-0149
Expires: 04/2009

NAME OF CONTRACTOR OR SUBCONTRACTOR ADDRESS 19218 N. 5th Street, Covington, LA 70433 PROJECT OR CONTRACTOR NO. 2245524

FOR WEEK ENDING 3/30/2012 PROJECT AND LOCATION GIWW-Clovelly Hydrologic Restoration

PAYROLL NO. DQSI LLC WEEK #16

(1)	(2)	(3)	OT OR ST	(4) DAY AND DATE							(5)	(6)	(7)	(8) DEDUCTIONS					(9)
				Sa	Su	M	Tu	W	Th	F				WITH- HOLDING TAX	LA WH	Wage Garnishment	TOTAL DEDUCTIONS	Addition - Per Diem	
	NO OF EXEMPTIONS	WORK CLASSIFICATION		24	25	26	27	28	29	30	TOTAL HOURS	RATE OF PAY	GROSS AMOUNT EARNED	FICA					
			O								0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00
			S								0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00
Anthony Gisclair/0357		non-exempt/Power Equip Operators	O			2.50	12.0	12.0	12.0	12.0	✓ 26.50	\$ 30.00	\$ 795.00	\$ 90.12	\$ 61.90	\$ 120.25	\$ 584.27	\$ -	\$1,010.73
			S	10.0		12.0	8.5	9.5			✓ 40.00	\$ 20.00	\$ 800.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Charles Mills/3412		non-exempt/Power Equip Operators	O			12.00	12.0	12.0	12.0	12.0	✓ 36.00	\$ 30.00	\$ 1,080.00	\$ 106.22	\$ 62.57	\$ -	\$ 428.79	\$ 250.00	\$1,701.21
			S	16.0		12.0	12.0				✓ 40.00	\$ 20.00	\$ 800.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Clyde M Smith/1237		non-exempt/Power Equip Operators	O			6.00	12.0	12.0	12.0	12.0	✓ 30.00	\$ 31.50	\$ 945.00	\$ 100.86	\$ 55.37	\$ -	\$ 285.23	\$ 250.00	\$1,749.77
			S	10.0		12.0	12.0	6.0			✓ 40.00	\$ 21.00	\$ 840.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			O								0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			S								0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			O								0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			S								0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			O								0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			S								0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			O								0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			S								0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

The Copeland Act (40 U.S.C. 3145) requires contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S.

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PAYROLL



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Rev. April 2006
OMB No.: 1215-0149
Expires: 04/2009

NAME OF CONTRACTOR OR SUBCONTRACTOR ADDRESS 19218 N. 5th Street, Covington, LA 70433 PROJECT OR CONTRACTOR NO. 2245524

PAYROLL NO. DQSI LLC PROJECT AND LOCATION GIWW-Clovelly Hydrologic Restoration

FOR WEEK ENDING 3/23/2012 WEEK #15

(1)	(2) EXEMPTIONS	(3) WORK CLASSIFICATION	OT OR ST	(4) DAY AND DATE							(5) TOTAL HOURS	(6) RATE OF PAY	(7) GROSS AMOUNT EARNED	(8) DEDUCTIONS					(9) NET WAGES PAID FOR WEEK	
				Sa	Su	M	Tu	W	Th	F				W/TH-HOLDING TAX	LA W/H	Wage Garnishment	TOTAL DEDUCTIONS	Addition - Per Diem		
				17	18	19	20	21	22	23										
			O							0	\$0.00								\$0.00	
			S							0	\$0.00									
Anthony Gisclair/0357		non-exempt/Power Equip Operators	O	10.0						8.0	30.00	540.00	75.71	49.03	120.25	492.99			847.01	
			S							4.0	20.00	800.00								
Charles Mills/3412		non-exempt/Power Equip Operators	O	10.0						8.0	30.00	540.00	75.71	42.32		268.03			1,321.97	
			S							4.00	20.00	800.00								
Clyde M Smith/1237		non-exempt/Power Equip Operators	O	10.0						8.0	31.50	567.00	79.50	41.20		192.70			1,464.30	
			S							4.00	21.00	840.00								
			O							0		\$0.00								
			S							0		\$0.00								
			O							0		\$0.00								
			S							0		\$0.00								
			O							0		\$0.00								
			S							0		\$0.00								
			O							0		\$0.00								
			S							0		\$0.00								

The Copeland Act (40 U.S.C. 3145) requires contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." - U.S.

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PAYROLL

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Rev. April 2006
OMB No. 1215-0149
Expires: 04/2009

NAME OF CONTRACTOR OR SUBCONTRACTOR ADDRESS 19218 N. 5th Street, Covington, LA 70433 PROJECT OR CONTRACTOR NO. 2245524

DQSI LLC PAYROLL NO. GIWW-Clovelly Hydrologic Restoration PROJECT AND LOCATION 2245524

WEEK #14 FOR WEEK ENDING 3/16/2012

(1)	(2)	(3)	(4) DAY AND DATE							(5)	(6)	(7)	(8)				(9)		
			HOURS WORKED EACH DAY										WITH- HOLDING TAX	LA WH	Wage Garnishment	TOTAL DEDUCTIONS		Addition - Per Diem	
			Sa	Su	M	Tu	W	Th	F										
OT	OR	ST	10	11	12	13	14	15	16	TOTAL HOURS	RATE OF PAY	GROSS AMOUNT EARNED	FICA	WAGE	DEDUCTIONS	NET WAGES PAID FOR WEEK			
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$0.00		
Anthony Gisclair/0357		non-exempt/Power Equip Operators	O	10.0			8.00	12.0		30.00	\$ 30.00	\$ 900.00	\$ 96.05	\$ 339.00	\$ 67.21	\$ 120.25	\$ 622.51	\$ -	\$ 1,077.49
Charles Mills/3412		non-exempt/Power Equip Operators	S		12.0	12.0	4.00			40.00	\$ 20.00	\$ 800.00	\$ 96.05	\$ 215.00	\$ 55.82	\$ -	\$ 366.87	\$ 250.00	\$ 1,583.13
Clyde M Smith/1237		non-exempt/Power Equip Operators	O	10.0			8.00	12.0		30.00	\$ 31.50	\$ 945.00	\$ 100.85	\$ 129.00	\$ 55.37	\$ -	\$ 285.22	\$ 250.00	\$ 1,749.78
			S		12.0	12.0	4.00			40.00	\$ 21.00	\$ 840.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			O							0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			S							0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			O							0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			S							0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			O							0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			S							0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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We estimate that it will take an average of 56 minutes to complete this collection of information, including time for reviewing instructions searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the colle

Copyright 2006 Forms in Word (www.formsword.com); for individual or single branch use only.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

-- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in Section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)	EXPLANATION

REMARKS:

None

NAME AND TITLE: **Kim Economides, Controller**

SIGNATURE: *Kim Economides*

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Date 3/16/2012

I, Kim Economides Controller (Title)

do hereby state: (Name of Signatory Party)

(1) That I pay or supervise the payment of the persons employed by DQSI LLC on the (Contractor or Subcontractor)

GIWW-Clovelly Hydrologic Restoration; that during the payroll period commencing on the (Building or Work)

10 day of March, # 2012, and ending the 16 day of March, 2012.

all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said DQSI LLC from the full (Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 CFR Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. 276c), and described below.

None

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That: (a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

-- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in Section 4(c) below.

PAYROLL

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Rev. April 2006
OMB No. 1215-0149
Expires: 04/2009

NAME OF CONTRACTOR OR SUBCONTRACTOR ADDRESS 19218 N. 5th Street, Covington, LA 70433 PROJECT OR CONTRACTOR NO. 2245524

PAYROLL NO. DQSI LLC PROJECT AND LOCATION GIWW-Clovelly Hydrologic Restoration

FOR WEEK ENDING 3/9/2012

WEEK #13

(1)	(2)	(3)	(4) DAY AND DATE							(5)	(6)	(7)	(8) DEDUCTIONS				(9)			
			Sa	Su	M	Tu	W	Th	F				WITH- HOLDING TAX	LA W/H	Wage Garnishment	TOTAL DEDUCTIONS		Addition - Per Diem	NET WAGES PAID FOR WEEK	
NO OF EMPLOYEES	WORK CLASSIFICATION	HOURS WORKED EACH DAY	HOURS WORKED EACH DAY							TOTAL HOURS	RATE OF PAY	GROSS AMOUNT EARNED	FICA	WITH- HOLDING TAX	LA W/H	Wage Garnishment	TOTAL DEDUCTIONS	Addition - Per Diem	NET WAGES PAID FOR WEEK	
			3	4	5	6	7	8	9											
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00
Anthony Gisclair/0357	non-exempt/Power Equip Operators	O	10.0					8.00		30.00	\$ 30.00	\$ 900.00	\$ 96.05	\$ 339.00	\$ 67.21	\$ 120.25	\$ 622.51	\$ -	\$ -	\$1,077.49
Charles Mills/3412	non-exempt/Power Equip Operators	S		12.0	12.0	4.00				40.00	\$ 20.00	\$ 800.00	\$ 96.05	\$ 215.00	\$ 55.82	\$ -	\$ 366.87	\$ 250.00	\$ -	\$1,583.13
Clyde M Smith/1237	non-exempt/Power Equip Operators	O	10.0					8.00		30.00	\$ 31.50	\$ 945.00	\$ 100.85	\$ 129.00	\$ 55.37	\$ -	\$ 285.22	\$ 250.00	\$ -	\$1,749.78
		S		12.0	12.0	4.00				40.00	\$ 21.00	\$ 840.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		O								0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		S								0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		O								0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		S								0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		O								0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		S								0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

The Copeland Act (40 U.S.C. 3145) requires contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S.

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PAYROLL

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NAME OF CONTRACTOR OR SUBCONTRACTOR ADDRESS PROJECT OR CONTRACTOR NO.
DQSI LLC 19218 N. 5th Street, Covington, LA 70433 **GIWW-Clovelly Hydrologic Restoration**
 PAYROLL NO. WEEK #11 FOR WEEK ENDING 2/24/2012 PROJECT OR CONTRACTOR NO. 2245524

Rev. April 2006
OMB No.: 1215-0149
Expires: 04/2009

(1)	(2)	(3)	(4) DAY AND DATE							(5)	(6)	(7)	(8) DEDUCTIONS					(9)
			OT OR ST	Sa	Su	18	19	20	21				22	23	24	WITH- HOLDING TAX	LA WH	
	NO. OF WITH- HOLDING EXEMPTIONS	WORK CLASSIFICATION							TOTAL HOURS	RATE OF PAY	GROSS AMOUNT EARNED	FICA						
			O						0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00	
			S						0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00	
Anthony Giscclair/0357		non-exempt/Power Equip Operators	O						8	\$ 30.00	\$240.00	\$ 67.80	\$ 213.00	\$ 41.96	\$ 120.25	\$ 443.01	\$ -	\$756.99
			S						48	\$ 20.00	\$960.00							
Charles Mills/3412		non-exempt/Power Equip Operators	O						8	\$ 30.00	\$240.00	\$ 67.80	\$ 129.00	\$ 37.07	\$ -	\$ 233.87	\$ 200.00	\$1,166.13
			S						48	\$ 20.00	\$960.00							
Clyde M Smith/1237		non-exempt/Power Equip Operators	O	8					16	\$ 31.50	\$504.00	\$ 85.42	\$ 88.00	\$ 45.13	\$ -	\$ 218.55	\$ 250.00	\$1,543.45
			S						48	\$ 21.00	\$1,008.00							
			O						0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			S						0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			O						0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			S						0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			O						0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			S						0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

The Copeland Act (40 U.S.C. 3145) requires contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S.

We estimate that it will take an average of 56 minutes to complete this collection of information, including time for reviewing instructions searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

-- Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in Section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)	EXPLANATION

REMARKS:

None

NAME AND TITLE
Kim Economides, Controller

SIGNATURE


THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.

Date 2/10/2012

I, Kim Economides Controller
 (Name of Signatory Party) (Title)

(1) That I pay or supervise the payment of the persons employed by DQSI Corporation on the
 (Contractor or Subcontractor)

GIWW-Clovelly Hydrologic Restoration; that during the payroll period commencing on the
 (Building or Work)

4 day of February # 2012, and ending the 10 day of February, 2012.
 all persons employed on said project have been paid the full weekly wages earned, that no rebates have
 been or will be made either directly or indirectly to or on behalf of said

DQSI LLC from the full
 (Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 CFR Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967, 76 Stat. 357, 40 U.S.C. 276c), and described below:

None

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:
 (a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

-- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in Section 4(c) below.

PAYROLL

(For Contractor's Optional Use; See Instructions, Form WH-347 Inst.)

Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number.



NAME OF CONTRACTOR OR SUBCONTRACTOR ADDRESS 19218 N. 5th Street, Covington, LA 70433
 DQSI LLC PAYROLL NO. WEEK #8
 OMB No.: 1215-0149 Expires: 04/2009

FOR WEEK ENDING 2/3/2012 PROJECT AND LOCATION GIWW-Clovelly Hydrologic Restoration PROJECT OR CONTRACTOR NO. 2245524

(1)	(2)	(3)	(4) DAY AND DATE							(5)	(6)	(7)	(8) DEDUCTIONS				(9)				
			Sa	Su	Mo	Tu	We	Th	Fr				WITH- HOLDING TAX	LA W/H	Wage Garnishment	TOTAL DEDUCTIONS		Addition - Per Diem	NET WAGES PAID FOR WEEK		
	NO OF WITHHOLDING EXEMPTIONS	WORK CLASSIFICATION	O	S	28	29	30	31	1	2	3	TOTAL HOURS	RATE OF PAY	GROSS AMOUNT EARNED	FICA						
Anthony Gisclair/0357		non- exempt/Power Equip Operators							8.0	12		20	\$ 30.00	\$600.00	\$ 79.10	\$ 52.06	\$ 120.25	\$ 514.41	\$ -	\$ -	\$885.59
Charles Mills/3412		non- exempt/Power Equip Operators							8.0	12		20	\$ 30.00	\$600.00	\$ 79.10	\$ 44.57	\$ -	\$ 282.67	\$ 250.00	\$ -	\$1,367.33
Clyde M Smith/1237		non- exempt/Power Equip Operators							8.0	12		20	\$ 31.50	\$630.00	\$ 85.06	\$ 43.56	\$ -	\$ 208.62	\$ 250.00	\$ -	\$1,511.38
									0			0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
									0			0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
									0			0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
									0			0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
									0			0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

The Copeland Act (40 U.S.C. 3145) requires contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S.

PAYROLL

(For Contractor's Optional Use; See Instructions, Form WH-347 Inst.)

Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number.



Rev. April 2006

OMB No.: 1215-0148
Expires: 04/2009

NAME OF CONTRACTOR OR SUBCONTRACTOR

ADDRESS
19218 N. 5th Street, Covington, LA 70433

PROJECT OR CONTRACTOR NO.
2245524

DQSI LLC
PAYROLL NO.
WEEK #6

FOR WEEK ENDING
1/20/2012

PROJECT AND LOCATION
GIWW-Clovelly Hydrologic Restoration

(1)	(2)	(3)	(4) DAY AND DATE							(5)	(6)	(7)	(8) DEDUCTIONS					(9)		
			HOURS WORKED EACH DAY										GROSS AMOUNT EARNED	FICA	WITH-HOLDING TAX	LA W/H	Wage Garnishment		TOTAL DEDUCTIONS	Addition - Per Diem
			Sa	Su	M	Tu	W	Th	F											
									0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00		
									0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00		
Anthony Gisclair/0357		non-exempt/Power Equip Operators				8.0	12		20	\$ 30.00	\$600.00	\$ 79.10	\$ 263.00	\$ 52.06	\$ 120.25	\$ 514.41	\$ -	\$885.59		
						12	12	4	40	\$ 20.00	\$800.00	\$ 79.10	\$ 159.00	\$ 44.57	\$ -	\$ 282.67	\$ 250.00	\$1,367.33		
Charles Mills/3412		non-exempt/Power Equip Operators				8.0	12		20	\$ 31.50	\$630.00	\$ 83.06	\$ 82.00	\$ 43.56	\$ -	\$ 208.62	\$ 250.00	\$1,511.38		
						12	12	4	40	\$ 21.00	\$840.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Clyde M. Smith/1237		non-exempt/Power Equip Operators				8.0	12		20	\$ 31.50	\$630.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
						12	12	4	40	\$ 21.00	\$840.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
									0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
									0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
									0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
									0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
									0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
									0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		

The Copeland Act (40 U.S.C. 3145) requires contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S.

PAYROLL



(For Contractor's Optional Use; See Instructions, Form WH-347 Inst.)

Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number.

NAME OF CONTRACTOR OR SUBCONTRACTOR ADDRESS 19218 N. 5th Street, Covington, LA 70433 PROJECT OR CONTRACTOR NO. 2245524
 PAYROLL NO. DQSI LLLC FOR WEEK ENDING 1/13/2012 PROJECT AND LOCATION GIWW-Clovelly Hydrologic Restoration
 Rev. April 2006 OMB No.: 1215-0149 Expires: 04/2009

WEEK #5

(1)	(2)	(3)	(4) DAY AND DATE							(5)	(6)	(7)	(8) DEDUCTIONS				(9)	
			Lo	Sa	Su	M	Tu	W	Th				F	WITH- HOLDING TAX	LA W/H	TOTAL DEDUCTIONS		Addition - Per Diem
FOR	NO OF	WORK	7	8	9	10	11	12	13	TOTAL HOURS	RATE OF PAY	GROSS AMOUNT EARNED	FICA					
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$0.00	
Anthony Gisclair/0357		non-exempt/Power Equip Operators					8.0		12	20	\$ 30.00	\$600.00	\$ 79.10	\$ 263.00	\$ 52.06	\$ 394.16	\$ -	\$1,005.84
Charles Mills/3412		non-exempt/Power Equip Operators					8.0		12	20	\$ 30.00	\$600.00	\$ 79.10	\$ 159.00	\$ 44.57	\$ 282.67	\$ 250.00	\$1,367.33
Clyde M Smith/1237		non-exempt/Power Equip Operators					8.0		12	20	\$ 31.50	\$630.00	\$ 83.05	\$ 82.00	\$ 43.56	\$ 208.61	\$ 250.00	\$1,511.39
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
										0		\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

The Copeland Act (40 U.S.C. 3145) requires contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S.

PAYROLL

(For Contractor's Optional Use; See Instructions, Form WH-347 Inst.)

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NAME OF CONTRACTOR OR SUBCONTRACTOR ADDRESS 19218 N. 5th Street, Covington, LA 70433
 DQSILLC PAYROLL NO. PROJECT AND LOCATION GIWW-Clovelly Hydrologic Restoration
 WEEK #2 12/23/2011 PROJECT OR CONTRACTOR NO. 2245524

Rev. April 2006

OMB No.: 1215-0149
Expires: 04/2009

(1)	(2)	(3)	(4) DAY AND DATE							(5)	(6)	(7)	(8) DEDUCTIONS				(9)	
			Sa	Su	M	Tu	W	Th	F				WITH- HOLDING TAX	LA W/H	TOTAL DEDUCTIONS	Addition - Per Diem		NET WAGES PAID FOR WEEK
	NO OF WITH- HOLDING EXEMPTIONS	WORK CLASSIFICATION	17	18	19	20	21	22	23	TOTAL HOURS	RATE OF PAY	GROSS AMOUNT EARNED	FICA					
Thomas Barker/3739	3	non- exempt/Power Equip Operators			12.0					12	\$ 21.00	\$252.00	\$ 14.25	\$ -	\$ -	\$ 15.91	\$ -	\$236.09
Charles Mills/3412	1	non- exempt/Power Equip Operators			12.0	12.0	12.0	4.0		40	\$ 20.00	\$800.00	\$ 79.10	\$ 160.00	\$ 44.57	\$ 283.67	\$ 250.00	\$1,366.33
Clyde M Smith/1237	9	non- exempt/Power Equip Operators			12.0	12.0	12.0	4.0		40.0	\$ 21.00	\$840.00	\$ 83.06	\$ 85.00	\$ 43.56	\$ 211.62	\$ 250.00	\$1,508.38
										0	\$0.00	\$0.00						\$ -
										0	\$0.00	\$0.00						\$ -
										0	\$0.00	\$0.00						\$ -
										0	\$0.00	\$0.00						\$ -
										0	\$0.00	\$0.00						\$ -
										0	\$0.00	\$0.00						\$ -
										0	\$0.00	\$0.00						\$ -

The Copeland Act (40 U.S.C. 3145) requires contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S.

We estimate that it will take an average of 56 minutes to complete this collection of information, including time for reviewing instructions searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the colle

PAYROLL

(For Contractor's Optional Use; See Instructions, Form WH-347 Inst.)

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NAME OF CONTRACTOR OR SUBCONTRACTOR ADDRESS 19218 N. 5th Street, Covington, LA 70433 PROJECT OR CONTRACTOR NO. 2245524
 PAYROLL NO. DQSILLC PROJECT AND LOCATION GIWW-Clovelly Hydrologic Restoration
 WEEK #1 12/16/2011

Rev. April 2006
OMB No.: 1215-0149
Expires: 04/2009

(1)	(2) NO OF WITHHOLDING EXEMPTIONS	(3) WORK CLASSIFICATION	OR ST	(4) DAY AND DATE							(5) TOTAL HOURS	(6) RATE OF PAY	(7) GROSS AMOUNT EARNED	(8) DEDUCTIONS				(9) NET WAGES PAID FOR WEEK		
				Sa	Su	M	Tu	W	Th	F				WITH- HOLDING TAX	FICA	LA W/H	TOTAL DEDUCTIONS		Addition - Per Diem	
				10	11	12	13	14	15	16										
Thomas Barker/3739	3	non-exempt/Power Equip Operators	O									0	\$ 31.50	\$0.00	\$ 6.52	\$ -	\$ -	\$ 6.52	\$ -	\$108.98
			S			5.5						5.5	\$ 21.00	\$115.50						
Charles Mills/3412	1	non-exempt/Power Equip Operators	O									0	\$ 30.00	\$0.00	\$ 29.95	\$ 31.00	\$ 11.94	\$ 72.89	\$ 150.00	\$607.11
			S	10.0	6.5	8.0	2.0					26.5	\$ 20.00	\$530.00						
Clyde M Smith/1237	9	non-exempt/Power Equip Operators	O									0	\$ 31.50	\$0.00	\$ 16.01	\$ -	\$ 2.32	\$ 18.33	\$ 100.00	\$365.17
			S			4.5	9.0					13.5	\$ 21.00	\$283.50						
			O									0		\$0.00						
			S									0		\$0.00						
			O									0		\$0.00						
			S									0		\$0.00						
			O									0		\$0.00						
			S									0		\$0.00						
			O									0		\$0.00						
			S									0		\$0.00						

The Copeland Act (40 U.S.C. 3145) requires contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S.

We estimate that it will take an average of 56 minutes to complete this collection of information, including time for reviewing instructions searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the colle

Melanie Caillouet

From: Susan Reese <susan.reese@laborfinders.com>
Sent: Monday, July 02, 2012 11:18 AM
To: Melanie Caillouet
Subject: Re: GIWW Clovelly

Melanie,

Per our discussion we will consider payroll # 17 as the final payroll report. You can use this email as documentation and/or mark in the comment section on the 2nd page, "Final Report."

I have marked my records accordingly.

Thank You

Susan Reese
Asst Manager
Labor Finders New Orleans
susan.reese@laborfinders.com
Phone: (504) 828-9208
Fax: (504) 838-0143

-----Original Message-----

From: Melanie Caillouet <melaniecaillouet@providenceeng.com>
To: "susan.reese@laborfinders.com" <susan.reese@laborfinders.com>
Date: Mon, 2 Jul 2012 15:25:48 +0000
Subject: GIWW Clovelly

Susan,

I'm still receiving weekly payrolls for this project when the job is considered complete. Can you please forward me a letter stating that Payroll No. 17 is the final payroll? This way you can stop sending me the payrolls.

Thank you,

Melanie B. Caillouet, P.E.

PROVIDENCE/GSE
GSE ASSOCIATES, LLC
991 Grand Caillou Road
Houma, LA 70363
Office: (985) 876-6380
Fax: (985) 876-0621

melaniecaillouet@providenceeng.com
www.providenceeng.com/gse

PAYROLL

(For Contractor's Optional Use; See Instructions, Form WH-347 Inst.)

Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number



Rev. Dec. 2008

Name of Contractor <input type="checkbox"/> or Subcontractor <input checked="" type="checkbox"/>	LFI Ft. Pierce, Inc. Labor Finders (New Orleans)	Address P.O. Box 352 Metairie, LA 70004-0352	OMB No.: 1235-001 Expires: 01/31/2011
Payroll No. 17	For Week Ending 06/22/2012	Project GIWW-Clovelly Location East 36th Street off Hwy 308, Cut off, LA	Project or Contract No. GIWW-Clovelly

Name, Address and Social Security Number of Employee	# Exp	Work Class	Day and Date							Total Hours	Rate of Pay / Fringe Rate	Gross Amount Earned	Other Income	Total Earnings	Deductions			Net Wages Paid For Wee		
			Hours Worked Each Day												FICA	Fed. With Hold.	State With Hold.		Total Ded's	
			ST	Sat 16	Sun 17	Mon 18	Tue 19	Wed 20	Thu 21											Fri 22
	0		ST							/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
			OT							/										
			DT							/										

No work performed this week

While completion of Form WH-347 is optional, it is mandatory for covered contractors and subcontractors performing work on Federally financed or assisted construction contracts to respond to the information collection contained in 29 C.F.R. §§ 3.3, 5.5(a), The Copeland Act (40 U.S.C. § 3145) contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S. Department of Labor (DOL) regulations at 29 C.F.R. § 5.5(a)(3)(ii) require contractors to submit weekly a copy of all payrolls to the Federal agency contracting for or financing the construction project, accompanied by a signed "Statement of Compliance" indicating that the payrolls are correct and complete and that each laborer or mechanic has been paid not less than the proper Davis-Bacon prevailing wage rate for the work performed. DOL and federal contracting agencies receiving this information review the information to determine that employees have received legally required wages and fringe benefits.

Public Burden Statement

We estimate that it will take an average of 55 minutes to complete this collection, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. If you have any comments regarding these estimates or any other aspect of this collection, including suggestions for reducing this burden, send them to the Administrator, Wage and Hour Division, U.S. Department of Labor, Room S3502, 200 Constitution Avenue, N.W., Washington, D.C. 20210

(Over)

PAYROLL

(For Contractor's Optional Use; See Instructions, Form WH-347 Inst.)

Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number



Rev. Dec. 2008

Name of Contractor <input type="checkbox"/> or Subcontractor <input checked="" type="checkbox"/>	LFI Ft. Pierce, Inc. Labor Finders (New Orleans)	Address P.O. Box 352 Metairie, LA 70004-0352	OMB No.: 1235-0001 Expires: 01/31/2011
Payroll No. 16	For Week Ending 06/15/2012	Project Location GIWW-Clovelly East 36th Street off Hwy 308, Cut off, LA	Project or Contract No. GIWW-Clovelly

Name, Address and Social Security Number of Employee	# Exp	Work Class	Day and Date							Total Hours	Rate of Pay / Fringe Rate	Gross Amount Earned	Other Income	Total Earnings	Deductions			Net Wages Paid For Week							
			ST	Sat	Sun	Mon	Tue	Wed	Thu						Fri	FICA	Fed. With Hold.		State With Hold.	Other	Total Ded's				
			9	10	11	12	13	14	15																
	0										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

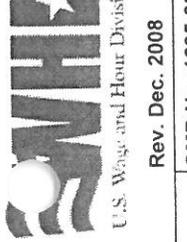
No work performed this week

While completion of Form WH-347 is optional, it is mandatory for covered contractors and subcontractors performing work on Federally financed or assisted construction contracts to respond to the information collection contained in 29 C.F.R. §§ 3.3, 5.5(a). The Copeland Act (40 U.S.C. § 3145) contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S. Department of Labor (DOL) regulations at 29 C.F.R. § 5.5(a)(3)(i) require contractors to submit weekly a copy of all payrolls to the Federal agency contracting for or financing the construction project, accompanied by a signed "Statement of Compliance" indicating that the payrolls are correct and complete and that each laborer or mechanic has been paid not less than the proper Davis-Bacon prevailing wage rate for the work performed, DOL and federal contracting agencies receiving this information review the information to determine that employees have received legally required wages and fringe benefits.

Public Burden Statement

We estimate that it will take an average of 55 minutes to complete this collection, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. If you have any comments regarding these estimates or any other aspect of this collection, including suggestions for reducing this burden, send them to the Administrator, Wage and Hour Division, U.S. Department of Labor, Room S3502, 200 Constitution Avenue, N.W., Washington, D.C. 20210

(Over)



PAYROLL

U.S. Department of Labor
 Employment Standards Administration
 Wage and Hour Division

(For Contractor's Optional Use; See Instructions, Form WH-347 Inst.)

Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number

Rev. Dec. 2008

Name of Contractor or Subcontractor LFI Ft. Pierce, Inc.
 Address P.O. Box 352
 Metairie, LA 70004-0352
 OMB No.: 1235-0008
 Expires: 01/31/2015

Payroll No. 14 ✓ For Week Ending 06/01/2012
 Project GIWW-Clovelly
 Location East 36th Street off Hwy 308, Cut off, LA
 Project or Contract No. GIWW-Clovelly

Name, Address and Social Security Number of Employee	# Exp	Work Class	Day and Date							Total Hours	Rate of Pay / Fringe Rate	Gross Amount Earned	Other Income	Total Earnings	Deductions			Net Wages Paid For Week			
			ST	OT	DT	Sun	Mon	Tue	Wed						Thu	Fri	FICA		State With Hold.	Other	Total Ded's
			26	27	28	29	30	31	1						0.00	0.00	0.00		0.00	0.00	
	0									/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
										/											
										/											

No work performed this week

While completion of Form WH-347 is optional, it is mandatory for covered contractors and subcontractors performing work on Federally financed or assisted construction contracts to respond to the information collection contained in 29 C.F.R. §§ 3.3, 5.5(a). The Copeland Act (40 U.S.C. § 3145) contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S. Department of Labor (DOL) regulations at 29 C.F.R. § 5.5(a)(3)(ii) require contractors to submit weekly a copy of all payrolls to the Federal agency contracting for or financing the construction project, accompanied by a signed "Statement of Compliance" indicating that the payrolls are correct and complete and that each laborer or mechanic has been paid not less than the proper Davis-Bacon prevailing wage rate for the work performed. DOL and federal contracting agencies receiving this information review the information to determine that employees have received legally required wages and fringe benefits.

Public Burden Statement

We estimate that it will take an average of 55 minutes to complete this collection, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. If you have any comments regarding these estimates or any other aspect of this collection, including suggestions for reducing this burden, send them to the Administrator, Wage and Hour Division, U.S. Department of Labor, Room S3502, 200 Constitution Avenue, N.W., Washington, D.C. 20210

(Over)

WAGE AND HOUR RECORD

Date June 1, 2012
I, Susan Reese, Assistant Manager (Title)

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in the Section 4(c) below.

do hereby state:

(1) That I pay or supervise the payment of the persons employed by

LFI Ft. Pierce, Inc. on the

(Contractor or Subcontractor)

GIWWW-Clovelly that during the payroll period commencing on the

(Building or Work)

26th day of May, 2012, and ending the 1st day of June, 2012, all persons employed on said project have been paid the full weekly wages earned that no rebates have been or will be made either directly or indirectly to or on behalf of said

LFI Ft. Pierce, Inc. from the full

(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 CFR Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 18, 72 Stat. 967; 76 Stat. 40 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS
in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in Section 4(c) below.

(c) EXCEPTIONS

Table with 3 columns: EXCEPTION (CRAFT), EXPLANATION, and REMARKS. The table is currently empty.

NAME AND TITLE: Susan Reese, Assistant Manager

SIGNATURE: Susan Reese

THIS WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 THE UNITED STATES CODE.

PAYROLL

(For Contractor's Optional Use; See Instructions, Form WH-347 Inst.)

Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number



Rev. Dec. 2008

Name of Contractor <input type="checkbox"/> or Subcontractor <input checked="" type="checkbox"/>		LFI Ft. Pierce, Inc. Labor Finders (New Orleans)		Address P.O. Box 352 Metairie, LA 70004-0352		OMB No.: 1235-0008 Expires: 01/31/2015														
Payroll No. 13		For Week Ending 05/25/2012		Project Location GIWW-Clovelly East 36th Street off Hwy 308, Cut off, LA		Project or Contract No. GIWW-Clovelly														
Name, Address and Social Security Number of Employee	# Exp	Work Class	Day and Date					Total Hours	Rate of Pay / Fringe Rate	Gross Amount Earned	Other Income	Total Earnings	Deductions			Net Wages Paid For Week				
			ST	Sat 19	Sun 20	Mon 21	Tue 22						Wed 23	Thu 24	Fri 25		FICA	Fed. With Hold.	State With Hold.	Total Ded's
			OT	DT	Hours Worked Each Day								Other							
	0								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

No work performed this week

While completion of Form WH-347 is optional, it is mandatory for covered contractors and subcontractors performing work on Federally financed or assisted construction contracts to respond to the information collection contained in 29 C.F.R. §§ 3.3, 5.5(a). The Copeland Act (40 U.S.C. § 3145) contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S. Department of Labor (DOL) regulations at 29 C.F.R. § 5.5(a)(3)(ii) require contractors to submit weekly a copy of all payrolls to the Federal agency contracting for or financing the construction project, accompanied by a signed "Statement of Compliance" indicating that the payrolls are correct and complete and that each laborer or mechanic has been paid not less than the proper Davis-Bacon prevailing wage rate for the work performed. DOL and federal contracting agencies receiving this information review the information to determine that employees have received legally required wages and fringe benefits.

Public Burden Statement
 We estimate that it will take an average of 55 minutes to complete this collection, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. If you have any comments regarding these estimates or any other aspect of this collection, including suggestions for reducing this burden, send them to the Administrator, Wage and Hour Division, U.S. Department of Labor, Room S3502, 200 Constitution Avenue, N.W., Washington, D.C. 20210

(Over)

PAYROLL

(For Contractor's Optional Use; See Instructions, Form WH-347 Inst.)

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Rev. Dec. 2008

Name of Contractor <input type="checkbox"/> or Subcontractor <input checked="" type="checkbox"/>		LFI Ft. Pierce, Inc. Labor Finders (New Orleans)		Address P.O. Box 352 Metairie, LA 70004-0352		OMB No.: 1235-0006 Expires: 01/31/2015																										
Payroll No. 12		For Week Ending 05/18/2012		Project GIWW-Clovelly East 36th Street off Hwy 308, Cut off, LA		Project or Contract No. GIWW-Clovelly																										
Name, Address and Social Security Number of Employee	# Exp	Work Class	ST	OT	DT	Day and Date							Total Hours	Rate of Pay / Fringe Rate	Gross Amount Earned	Other Income	Total Earnings	Deductions			Net Wages Paid For Week											
						Sat 12	Sun 13	Mon 14	Tue 15	Wed 16	Thu 17	Fri 18						FICA	State With Hold.	Other		Total Ded's										
	0		ST												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
			OT																													
			DT																													

No work performed this week

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(Over)

PAYROLL

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Rev. Dec. 2008

Name of Contractor <input type="checkbox"/> or Subcontractor <input checked="" type="checkbox"/> LFI Ft. Pierce, Inc. Labor Finders (New Orleans)		Address P.O. Box 352 Metairie, LA 70004-0352		OMB No.: 1235-0001 Expires: 01/31/2015													
Payroll No. 11		For Week Ending 05/11/2012		Project or Contract No. GIWW-Clovelly													
Project Location GIWW-Clovelly East 36th Street off Hwy 308, Cut off, LA																	
Name, Address and Social Security Number of Employee	# Exp	Work Class	Day and Date					Total Hours	Rate of Pay / Fringe Rate	Gross Amount Earned	Other Income	Total Earnings	Deductions			Net Wages Paid For Week	
			Hours Worked Each Day										FICA	State With Hold.	Other		
			ST	Sat	Sun	Mon	Tue										Wed
	0		5	6	7	8	9	10	11		0.00	0.00	0.00	0.00	0.00	0.00	0.00
			OT														
			DT														

No work performed this week

While completion of Form WH-347 is optional, it is mandatory for covered contractors and subcontractors performing work on Federally financed or assisted construction contracts to respond to the information collection contained in 29 C.F.R. §§ 3.3, 5.5(a). The Copeland Act (40 U.S.C. § 3145) contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S. Department of Labor (DOL) regulations at 29 C.F.R. § 5.5(a)(3)(ii) require contractors to submit weekly a copy of all payrolls to the Federal agency contracting for or financing the construction project, accompanied by a signed "Statement of Compliance" indicating that the payrolls are correct and complete and that each laborer or mechanic has been paid not less than the proper Davis-Bacon prevailing wage rate for the work performed. DOL and federal contracting agencies receiving this information review the information to determine that employees have received legally required wages and fringe benefits.

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Public Burden Statement

(Over)

WAGE AND HOUR RECORD

Date May 11, 2012
I, Susan Reese, Assistant Manager (Title)

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH
Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in the Section 4(c) below.

do hereby state:
(1) That I pay or supervise the payment of the persons employed by LFI Ft. Pierce, Inc. on the GIWW-Clovelly that during the payroll period commencing on the 5th day of May, 2012, and ending the 11th day of May, 2012, all persons employed on said project have been paid the full weekly wages earned that no rebates have been or will be made either directly or indirectly to or on behalf of said LFI Ft. Pierce, Inc. from the full weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 CFR Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 18, 72 Stat. 967; 76 Stat. 40 U.S.C. § 3145), and described below.

Table with 3 columns: EXCEPTIONS (CRAFT), EXPLANATION, REMARKS. The table is currently empty.

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:
(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS
in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in Section 4(c) below.

NAME AND TITLE: Susan Reese, Assistant Manager
SIGNATURE: [Handwritten Signature]
THIS WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 1001 OF TITLE 18 AND SECTION 231 OF THE UNITED STATES CODE

PAYROLL

(For Contractor's Optional Use; See Instructions, Form WH-347 Inst.)

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Name of Contractor <input type="checkbox"/> or Subcontractor <input checked="" type="checkbox"/>		LFI Ft. Pierce, Inc. Labor Finders (New Orleans)		Address P.O. Box 352 Metairie 70004-0352		Project or Contract No. GIWW-Clove																				
Payroll No. 10		For Week Ending 05/04/2012		Project Location GIWW-Clovelly East 36th Street off Hwy 308, Cut off, LA		Project or Contract No.																				
Name, Address and Social Security Number of Employee	# Exp	Work Class	Day and Date							Total Hours	Rate of Pay / Fringe Rate	Gross Amount Earned	Other Income	Total Earnings	Deductions			Net Wages Paid For Wee								
			Sat	Sun	Mon	Tue	Wed	Thu	Fri						FICA	Fed. With Hold.	State With Hold.		Other	Total Ded's						
	0		ST									0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
			OT																							
			DT																							

While completion of Form WH-347 is optional, it is mandatory for covered contractors and subcontractors performing work on Federally financed or assisted construction contracts to respond to the information collection contained in 29 C.F.R. §§ 3.3, 5.5(a). The Copeland Act (40 U.S.C. § 3145) contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S. Department of Labor (DOL) regulations at 29 C.F.R. § 5.5(a)(3)(i) require contractors to submit weekly a copy of all payrolls to the Federal agency contracting for or financing the construction project, accompanied by a signed "Statement of Compliance" indicating that the payrolls are correct and complete and that each laborer or mechanic has been paid not less than the proper Davis-Bacon prevailing wage rate for the work performed. DOL and federal contracting agencies receiving this information review the information to determine that employees have received legally required wages and fringe benefits.

Public Burden Statement

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(Over)

**No Work Performed
This Week**



U.S. Department of Labor
 Employment Standards Administration
 Wage and Hour Division

PAYROLL

(For Contractor's Optional Use; See Instructions, Form WH-347 Inst.)

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Name of Contractor <input type="checkbox"/> or Subcontractor <input checked="" type="checkbox"/>		LFI Ft. Pierce, Inc. Labor Finders (New Orleans)		Address P.O. Box 352 Metairie 70004-0352		Project or Contract No. GIWW-Clovel																																
Payroll No. 9		For Week Ending 04/27/2012		Project Location East 36th Street off Hwy 308, Cut off, LA		GIWW-Clovel																																
Name, Address and Social Security Number of Employee	# Exp	Work Class	ST	OT	DT	Day and Date					Total Hours	Rate of Pay / Fringe Rate	Gross Amount Earned	Other Income	Total Earnings	Deductions			Net Wages Paid For Wee																			
						Sat	Sun	Mon	Tue	Wed						Thu	Fri	FICA		Fed. With Hold.	State With Hold.	Total Ded's																
	0		ST										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
			OT																																			
			DT																																			

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(Over)

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 This Week**

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Name of Contractor <input type="checkbox"/> or Subcontractor <input checked="" type="checkbox"/>		LFI Ft. Pierce, Inc. Labor Finders (New Orleans)		Address P.O. Box 352 Metairie 70004-0352		Project or Contract No. GIWW-Clovelly												
Payroll No. 8	For Week Ending 04/20/2012			Project Location East 36th Street off Hwy 308, Cut off, LA		Project or Contract No. GIWW-Clovelly												
Name, Address and Social Security Number of Employee	# Exp	Work Class	Day and Date					Total Hours	Rate of Pay / Fringe Rate	Gross Amount Earned	Other Income	Total Earnings	Deductions			Net Wages Paid For Week		
			ST	OT	DT	Sat 14	Sun 15						Mon 16	Tue 17	Wed 18		Thu 19	Fri 20
	0		ST							0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
			OT															
			DT															

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(Over)

**No Work Performed
This Week**

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Name of Contractor <input type="checkbox"/> or Subcontractor <input checked="" type="checkbox"/>		LFI Ft. Pierce, Inc. Labor Finders (New Orleans)		Address P.O. Box 352 Metairie 70004-0352		Project or Contract No. GIWW-Clovei																		
Payroll No. 5		For Week Ending 03/30/2012		Project Location East 36th Street off Hwy 308, Cut off, LA		GIWW-Clovei																		
Name, Address and Social Security Number of Employee	# Exp	Work Class	ST	OT	DT	Day and Date					Total Hours	Rate of Pay / Fringe Rate	Gross Amount Earned	Other Income	Total Earnings	Deductions			Net Wages Paid For Week					
						Sat 24	Sun 25	Mon 26	Tue 27	Wed 28						Thu 29	Fri 30	FICA		Fed. With Hold.	State With Hold.	Total Ded's		
	0		ST									/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
			OT									/												
			DT									/												

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(Over)

**No Work Performed
 This Week**

U.S. Department of Labor

Employment Standards Administration
Wage and Hour Division

PAYROLL

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Name of Contractor <input type="checkbox"/> or Subcontractor <input checked="" type="checkbox"/>		LFI Ft. Pierce, Inc. Labor Finders (New Orleans)		Address P.O. Box 352 Metairie 70004-0352		Project or Contract No. GIWW-Clovelly													
Payroll No. 4	For Week Ending 03/23/2012			Project GIWW-Clovelly		Location East 36th Street off Hwy 308, Cut off, LA													
Name, Address and Social Security Number of Employee	# Exp	Work Class	Day and Date					Total Hours	Rate of Pay / Fringe Rate	Gross Amount Earned	Other Income	Total Earnings	Deductions			Net Wages Paid For Week			
			ST	OT	DT	Sat 17	Sun 18						Mon 19	Tue 20	Wed 21		Thu 22	Fri 23	FICA
Charles Edwards Gross 435-21-2455 3 Louis Ave. Jefferson LA 70121	0	Common Labor ✓	ST 5.00						5.00	9.00 / 0.00	45.00 ✓	0.00	45.00	2.54	0.00	0.00	5.00 ✓	7.54 ✓	37.46 ✓
Jakssen P Aristizabal 547-41-0278 1900 Bayou Rd New Orleans LA 70116	0	Common Labor ✓	ST 5.00						5.00	9.00 / 0.00	45.00 ✓	25.00	70.00 ✓	2.54	0.85	0.00	0.00	3.39 ✓	66.61 ✓
			DT							/	109.00	29.00	138.00	6.16	3.60	0.25	0.00	10.01	127.91

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(Over)

Deductions Record

Contractor's Name	LFI Ft. Pierce, Inc., Labor Finders (New Orleans)	Address	P.O. Box 352, Metairie 70004-0352
Payroll No.	4	Contract #	GIWW-Clovelly
	For Week Ending	FIN #	
	March 23, 2012		
		Project and Location	GIWW-Clovelly East 36th Street off Hwy 308, Cut off, LA

Employee Name	Deduction Type	Amount
Gross, Charles Ewards	Transportation	\$5.00
Total for Employee Gross, Charles Ewards :		\$5.00

Payroll Deduction Authorization

D-14

Name of grant recipient

DQSI Corporation

LCDBG Contract #

Cut off, RA

Employee

Charles Goss

Employer

LFI St Pierre dba LABOR FINDERS

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

<input type="checkbox"/>
<input checked="" type="checkbox"/>
<input type="checkbox"/>

I authorize weekly deduction(s) as described below.

I authorize a one-time deduction(s), as described below.

I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

Description of Additional Deductions*

Amount

Transportation

\$5.00

Employee Signature

(X) Charles Goss

Date

3-17-12

Week #: 4

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

U.S. Department of Labor

Employment Standards Administration
Wage and Hour Division

PAYROLL

(For Contractor's Optional Use; See Instructions, Form WH-347 Inst.)

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Name of Contractor <input type="checkbox"/> or Subcontractor <input checked="" type="checkbox"/>		LFI Ft. Pierce, Inc. Labor Finders (New Orleans)		Address P.O. Box 352 Metairie 70004-0352		Project or Contract No. GIWW-Clove															
Payroll No. 3		For Week Ending 03/16/2012		Project Location GIWW-Clovely East 36th Street off Hwy 308, Cut off, LA		GIWW-Clove															
Name, Address and Social Security Number of Employee	# Exp	Work Class	Day and Date							Total Hours	Rate of Pay / Fringe Rate	Gross Amount Earned	Other Income	Total Earnings	Deductions			Net Wages Paid For Wee			
			ST	OT	DT	Sat 10	Sun 11	Mon 12	Tue 13						Wed 14	Thu 15	Fri 16		FICA	Fed. With Hold.	State With Hold.
Charles Edwards Gross 435-21-2455 3 Louis Ave. Jefferson LA 70121	0	Common Labor				12.00	12.00	8.00				9.00 / 0.00	666.00	0.00	666.00	37.64	0.00	0.00	25.00	62.64	603.36
Jakssen P. Aristizabal 547-41-0278 1900 Bayou Rd New Orleans LA 70116	0	Common Labor				12.00	12.00	4.00				9.00 / 0.00	734.00	0.00	734.00	41.49	0.00	0.00	25.00	66.49	667.5
						8.00	12.00					13.50 / 0.00	630.00	125.00	755.00	35.62	58.90	6.23	0.00	100.75	654.25
													630.00	125.00	755.00	35.62	58.90	6.23	0.00	100.75	654.25

While completion of Form WH-347 is optional, it is mandatory for covered contractors and subcontractors performing work on Federally financed or assisted construction contracts to respond to the information collection contained in 29 C.F.R. §§ 3.3, 5.5(a). The Copeland Act (40 U.S.C. § 3145) contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S. Department of Labor (DOL) regulations at 29 C.F.R. § 5.5(a)(3)(ii) require contractors to submit weekly a copy of all payrolls to the Federal agency contracting for or financing the construction project, accompanied by a signed "Statement of Compliance" indicating that the payrolls are correct and complete and that each laborer or mechanic has been paid not less than the proper Davis-Bacon prevailing wage rate for the work performed. DOL and federal contracting agencies receiving this information review the information to determine that employees have received legally required wages and fringe benefits.

Public Burden Statement
We estimate that it will take an average of 55 minutes to complete this collection, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. If you have any comments regarding these estimates or any other aspect of this collection, including suggestions for reducing this burden, send them to the Administrator, Wage and Hour Division, U.S. Department of Labor, Room S3502, 200 Constitution Avenue, N.W., Washington, D.C. 20210

(Over)

Deductions Record

Contractor's Name	LFI Ft. Pierce, Inc., Labor Finders (New Orleans)	Address	P.O. Box 352, Metairie 70004-0352	Project and Location	GIWW-Clovelly East 36th Street off Hwy 308, Cut off, LA
Payroll No.	3	For Week Ending	March 16, 2012	Contract #	GIWW-Clovelly
		FIN #			

Employee Name	Deduction Type	Amount
Gross, Charles Ewards	Transportation	\$25.00
Total for Employee Gross, Charles Ewards :		\$25.00

Payroll Deduction Authorization

D-14

Name of grant recipient DQSI Corporation
 LCDBG Contract # _____
 Employee East 36th Street Cut Off, GA
Charles Gross
 Employer HFI Ft Pierce dba LABOR FINDERS

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
- I authorize a one-time deduction(s), as described below.
- I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

Description of Additional Deductions*

<u>Description of Additional Deductions*</u>	<u>Amount</u>
Transportation	\$25.00

Employee Signature (X) Charles Gross
 Date 3/10 to 3/16/12 Week #: 3

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

PAYROLL

(For Contractor's Optional Use; See Instructions, Form WH-347 Inst.)

Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number



Name of Contractor <input type="checkbox"/> or Subcontractor <input checked="" type="checkbox"/>		LFI Ft. Pierce, Inc. Labor Finders (New Orleans)		Address P.O. Box 352 Metairie 70004-0352		Project or Contract No. GIWW-Clovely															
Payroll No. 2		For Week Ending 03/09/2012		Project Location East 36th Street off Hwy 308, Cut off, LA		GIWW-Clovely															
Name, Address and Social Security Number of Employee	# Exp	Work Class	Day and Date							Total Hours	Rate of Pay / Fringe Rate	Gross Amount Earned	Other Income	Total Earnings	Deductions			Net Wages Paid For Wee			
			Sat	Sun	Mon	Tue	Wed	Thu	Fri						FICA	Fed. With Hold.	State With Hold.		Total Ded's		
Charles Edwards Gross 435-21-2455 3 Louis Ave. Jefferson LA 70121	0	Common Labor	ST		4.00	11.00		8.00	4.00	27.00	9.00 / 0.00	243.00	0.00	243.00	13.72	0.00	0.00	20.00	33.72	209.28	
Jaksen P Aristizabal 547-41-0278 1900 Bayou Rd New Orleans LA 70116	0	Common Labor	OT								/	243.00	0.00	243.00	13.72	0.00	0.00	20.00	33.72	209.2	
			DT								/										
			ST		4.00	11.00		8.00	4.00	27.00	9.00 / 0.00	243.00	100.00	343.00	13.72	11.41	1.19	0.00	26.32	316.68	
			OT								/										
			DT								/										

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(Over)

Deductions Record

Contractor's Name: LFI Ft. Pierce, Inc., Labor Finders (New Orleans) Address: P.O. Box 352, Metairie 70004-0352
 Payroll No.: 2 For Week Ending: March 09, 2012 Contract #: GIWW-Clovelly Project and Location: GIWW-Clovelly East 36th Street off Hwy 308, Cut off, LA
 FIN #:

Employee Name	Deduction Type	Amount
Gross, Charles Ewards	Transportation	\$20.00
Total for Employee Gross, Charles Ewards :		\$20.00

Payroll Deduction Authorization

D-14

Name of grant recipient

DQSI Corporation

LCDBG Contract #

EAST 36th St. Cut off

Employee

Charles Gross

Employer

KFI St Pierre dba LABOR FINDERS

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

I authorize weekly deduction(s) as described below.

I authorize a one-time deduction(s), as described below.

I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

Description of Additional Deductions*

Amount

TRANSPORTATION

\$20.00

Employee Signature

(X) Charles Gross

Date

3/5 - 3/9/12

Week #: 2

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

U.S. Department of Labor

Employment Standards Administration
Wage and Hour Division

PAYROLL

(For Contractor's Optional Use; See Instructions, Form WH-347 Inst.)

Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number



Name of Contractor <input type="checkbox"/> or Subcontractor <input checked="" type="checkbox"/>		LFI Ft. Pierce, Inc. Labor Finders (New Orleans)		Address P.O. Box 352 Metairie 70004-0352		Project or Contract No. East 36th Street Cut Off, LA														
Payroll No. 1		For Week Ending 03/02/2012		Project East 36th St Cut Off		Location East 36th Street off Hwy 308, Cut off, LA														
Name, Address and Social Security Number of Employee	# Exp	Work Class	Day and Date							Total Hours	Rate of Pay / Fringe Rate	Gross Amount Earned	Other Income	Total Earnings	FICA	Fed. With Hold.	Deductions			Net Wages Paid For Week
			ST	OT	DT	Sat 25	Sun 26	Mon 27	Tue 28								Wed 29	Thu 1	Fri 2	
Chris John Legendre 434-23-5135 130 South 11th Street Kenner LA 70062	0	Common Labor	ST							2.00	8.20 / 0.00	16.40	0.00	16.40	0.93	0.00	0.00	0.00	5.93	10.47
Charles Edwards Gross 435-21-2455 3 Louis Ave. Jefferson LA 70121	0	Common Labor	ST				12.00	9.00	8.50	29.50	9.00 / 0.00	265.50	24.00	289.50	15.00	0.00	0.00	0.00	25.00	264.50
Tyrone James Hall 437-27-3946 1712 South Causeway Metairie LA 70001	0	Common Labor	ST				2.00			2.00	8.20 / 0.00	16.40	24.00	46.40	2.62	2.41	0.00	0.00	5.03	41.37
Lavell Harmon Sr 433-06-0355 7543 Kingsport Blvd New Orleans LA 70128	1	Common Labor	ST				2.00			2.00	8.20 / 0.00	16.40	0.00	16.40	0.93	0.00	0.00	0.00	5.93	10.47
Jakssen P Aristizabal 547-41-0278 1900 Bayou Rd New Orleans LA 70116	0	Common Labor	ST				12.00	9.00	8.50	29.50	9.00 / 0.00	265.50	50.00	315.50	15.00	18.47	1.94	0.00	39.41	276.09
			DT									329.50	50.00	379.50	18.62	21.22	2.19	4.00	46.03	333.47

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Deductions Record

Contractor's Name LFI Ft. Pierce, Inc., Labor Finders (New Orleans) **Address** P.O. Box 352, Metairie 70004-0352
Payroll No. 1 **For Week Ending** March 02, 2012 **Contract #** GIWW-Clovelly **Project and Location** GIWW-Clovelly
FIN # **East 36th Street off Hwy 308, Cut off, LA**

Employee Name	Deduction Type	Amount
Aristizabal, Jakssen P	Transportation	\$4.00
	Total for Employee Aristizabal, Jakssen P :	\$4.00
Gross, Charles Ewards	Transportation	\$10.00
	Total for Employee Gross, Charles Ewards :	\$10.00
Harmon Sr, Lavell	Transportation	\$5.00
	Total for Employee Harmon Sr, Lavell :	\$5.00
Legendre, Chris John	Transportation	\$5.00
	Total for Employee Legendre, Chris John :	\$5.00

Payroll Deduction Authorization

D-14

Name of grant recipient DQSI Corporation
 LCDBG Contract # East 36th Street Cut Off, GA
 Employee Chris Legendre
 Employer LFI Ft Pierce dba LABOR FINDERS

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
- I authorize a one-time deduction(s), as described below.
- I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

Description of Additional Deductions*

<u>Description of Additional Deductions*</u>	<u>Amount</u>
Transportation (1)	\$ 5 00

Employee Signature (X) Chris Legendre
 Date 2/27/12 - 3/2/12 Week #: 1

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

Payroll Deduction Authorization

D-14

Name of grant recipient DQSI Corporation
 LCDBG Contract # East 36th Street Cut off, LA
 Employee Jakson Aristizabal
 Employer LFI St Pierre dba LABOR FINDERS

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
- I authorize a one-time deduction(s), as described below.
- I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

<u>Description of Additional Deductions*</u>	<u>Amount</u>
Transportation	\$4.00

Employee Signature (X) Jakson Aristizabal
 Date 2/27/12 - 3/2/12 Week #: 1

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

Payroll Deduction Authorization

D-14

Name of grant recipient DQSI Corporation
 LCDBG Contract # East 36th Street Cut off, LA
 Employee Charles Gross
 Employer LFI St Pierre dba LABOR FINDERS

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
- I authorize a one-time deduction(s), as described below.
- I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

Description of Additional Deductions*

Amount

<u>Description of Additional Deductions*</u>	<u>Amount</u>
<u>Transportation</u>	<u>\$ 10⁰⁰</u>

Employee Signature (X) Charles Gross
 Date 2/27/12 - 3/2/12 Week #: 1

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

Payroll Deduction Authorization

D-14

Name of grant recipient DQSI Corporation
 LCDBG Contract # East 36th Street, Cut off, LA
 Employee Laurel Harman Sr
 Employer LFI St Pierre dba LABOR FINDERS

One box should be marked with an "x". Occasionally more than one box will be marked. In addition to deductions authorized by law, such as social security and income taxes, the following deduction(s) will be subtracted from the employee's paycheck(s)

- I authorize weekly deduction(s) as described below.
- I authorize a one-time deduction(s), as described below.
- I authorize deduction(s), below, to be subtracted from my paycheck for _____ weeks.

Description of Additional Deductions*

<u>Description of Additional Deductions*</u>	<u>Amount</u>
Transportation	\$5 ⁰⁰

Employee Signature (X) Laurel Harman Sr.
 Date 2/27/12 - 3/2/12 Week # 1

*Types of deductions may include retirement, health insurance, uniforms, loans and advance on wages. Deductions for garnishments, such as court orders and child support, may be authorized by this form or an appropriate legal document.

**CERTIFICATE FROM CONTRACTOR APPOINTING OFFICER OR EMPLOYEE
TO SUPERVISE PAYMENT OF EMPLOYEES**

Note: This certificate must be executed by an authorized officer of a corporation, by a member of a partnership, or the sole owner and submitted with the first payroll. Should the appointee be changed, a new certificate must accompany the first payroll for which the new appointee executes a statement of compliance required by the Copeland Act.

Contractor Locality Louisiana

CDBG Contract #: East 36th Street Cut Off, LA on behalf of
DQSI Corporation

Firm LFI Ft Pierce dba Labor Finders **Date** February 28, 2012

I do hereby certify that I am a sub contractor on the above-mentioned project, and that I have appointed Susan Reese whose signature appears below, to supervise the payment of my employees. I further certify that she is in the position to have full knowledge of the facts set forth in the payroll documents and in the statement of compliance required by the Copeland "Anti-Kickback" Act which she is to execute with my full authority and approval until such time as I submit to the State a new certificate appointing some other person for the purposes herein stated above stated.

Name LFI Ft. Pierce dba Labor Finders New Orleans
Address 1018 Central Avenue Suite A
City Metairie **State** LA **Zip Code** 70001
Telephone Number (504) 828-9208



Identifying Signature of Appointee
Susan Reese, Assistant Manager
Susan.reese@laborfinders.com



Appointing Officer
Hamilton Boudoin, Branch Manager
Hamilton.boudoin@laborfinders.com

Record of Employee Interview

U.S. Department of Housing and Urban Development
Office of Labor Relations

OMB Approval No. 2501-0
(exp. 10/31/20)

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources gathering and maintaining the data needed, and completing and reviewing the collection of information. This agency may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number. The information is collected to ensure compliance with the Federal labor standards by recording interviews with construction workers. The information collected will assist HUD in the conduct of compliance monitoring; the information will be used to test the veracity of certified payroll reports submitted by the employer. **Sensitive Information.** The information collected on this form is considered sensitive and is protected by the Privacy Act. The Privacy Act requires that records be maintained with appropriate administrative, technical, and physical safeguards to ensure their security and confidentiality. In addition, these records should be protected against any anticipated threats or hazards to their security or integrity that could result in substantial harm, embarrassment, inconvenience, or unfairness to any individual on whom the information is maintained. The information collected herein is voluntary, and any information provided shall be kept confidential.

1a. Project Name <i>2010 Maintenance Project BA-02</i>			2a. Employee Name <i>RAYMOND MILLIEN</i>		
1b. Project Number <i>Hydrologic Restoration</i>			2b. Employee Phone Number (including area code) <i>318-305-3334</i>		
1c. Contractor or Subcontractor (Employer) <i>TERRAL RIVER SERVICE</i>			2c. Employee Home Address & Zip Code <i>2901 FAIRVIEW DR GAUTIER MS. 39553</i>		
			2d. Verification of identification? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
3a. How long on this job? <i>7</i>	3b. Last date on this job before today? <i>MAR-26-12</i>	3c. No. of hours last day on this job? <i>8</i>	4a. Hourly rate of pay? <i>15.00</i>	4b. Fringe Benefits?	
			Vacation Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		4c. Pay stub? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
			Medical Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
			Pension Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

5. Your job classification(s) (list all) --- continue on a separate sheet if necessary
OPERATOR

6. Your duties
UNLOAD BARGES & MAINTAIN UNLOAD RIG

Tools or equipment used
600 KOMATSU

8. Are you an apprentice or trainee? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	10. Are you paid at least time and 1/2 for all hours worked in excess of 40 in a week? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
9. Are you paid for all hours worked? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	11. Have you ever been threatened or coerced into giving up any part of your pay? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N

12a. Employee Signature
Raymond Millien

12b. Date
26 Mar 12

13. Duties observed by the interviewer (Please be specific.)
Crane

14. Remarks
He did it

15a. Interviewer name (please print)
Rene Nebert

15b. Signature of Interviewer
[Signature]

15c. Date of interview
26 Mar 12

Payroll Examination

16. Remarks
This is an employee for a supplier not subcontractor therefore isn't held to wage decision

17a. Signature of Payroll Examiner
Melanie B Cailland

17b. Date
May 7, 2012

Previous editions are obsolete

Record of Employee Interview

U.S. Department of Housing and Urban Development Office of Labor Relations

OMB Approval No. 2501-001
(exp. 10/31/201)

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This agency may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number. The information is collected to ensure compliance with the Federal labor standards by recording interviews with construction workers. The information collected will assist HUD in the conduct of compliance monitoring; the information will be used to test the veracity of certified payroll reports submitted by the employer. **Sensitive Information.** The information collected on this form is considered sensitive and is protected by the Privacy Act. The Privacy Act requires that these records be maintained with appropriate administrative, technical, and physical safeguards to ensure their security and confidentiality. In addition, these records should be protected against any anticipated threats or hazards to their security or integrity that could result in substantial harm, embarrassment, inconvenience, or unfairness to any individual on whom the information is maintained. **The information collected herein is voluntary, and any information provided shall be kept confidential.**

1a. Project Name <i>2010 Maintenance Project BA-02</i>			2a. Employee Name <i>Brandon Swafford</i>		
1b. Project Number <i>Hydrologic Restoration</i>			2b. Employee Phone Number (including area code) <i>318-730-8881</i>		
1c. Contractor or Subcontractor (Employer) <i>G.C.B.H.</i>			2c. Employee Home Address & Zip Code <i>562 Hwy 457 Lecompte, LA</i>		
			2d. Verification of identification? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
3a. How long on this job? <i>3 wks.</i>	3b. Last date on this job before today? <i>3-15-12</i>	3c. No. of hours last day on this job? <i>8</i>	4a. Hourly rate of pay? <i>13.00</i>	4b. Fringe Benefits?	
			Vacation Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		4c. Pay stub? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
			Medical Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
			Pension Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		

5. Your job classification(s) (list all) --- continue on a separate sheet if necessary

deck Hand

6. Your duties

Tie lines on barges & bodecat operator

Tools or equipment used

Handtools

8. Are you an apprentice or trainee? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	9. Are you paid for all hours worked? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	10. Are you paid at least time and 1/2 for all hours worked in excess of 40 in a week? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	11. Have you ever been threatened or coerced into giving up any part of your pay? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N
---	--	---	--

12a. Employee Signature <i>Brandon Swafford</i>	12b. Date <i>19 Mar 12</i>
--	-------------------------------

13. Duties observed by the Interviewer (Please be specific.)

Did the job.

14. Remarks

Tied up boats.

15a. Interviewer name (please print) <i>Rene Hobert</i>	15b. Signature of Interviewer <i>[Signature]</i>	15c. Date of interview <i>19 Mar 12</i>
--	---	--

Payroll Examination

16. Remarks

This is an employee for a supplier not subcontractor therefore isn't held to wage decision

17a. Signature of Payroll Examiner <i>Melanie B Cailloux</i>	17b. Date <i>May 7, 2012</i>
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Previous editions are obsolete

Record of Employee Interview

U.S. Department of Housing and Urban Development Office of Labor Relations

OMB Approval No. 2501-0
(exp. 10/31/20)

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1a. Project Name 2010 Maintenance Project			2a. Employee Name ANTHONY GISCLAIR		
1b. Project Number 621-005			2b. Employee Phone Number (including area code) (985) 665-7075		
1c. Contractor or Subcontractor (Employer) DQSI			2c. Employee Home Address & Zip Code 176 WEST 55 ST. CUTOFF 70345		
2d. Verification of identification? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
3a. How long on this job? start ✓ Dec 27	3b. Last date on this job before today? —	3c. No. of hours last day on this job? 60 to 70 week	4a. Hourly rate of pay? \$ 20.00	4b. Fringe Benefits?	
				Vacation Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	4c. Pay stub? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
				Medical Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	RH:
				Pension Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
5. Your job classification(s) (list all) --- continue on a separate sheet if necessary Operator (Crane or Boat)					
6. Your duties Operator (Crane or Boat)					
Tools or equipment used Boat					
8. Are you an apprentice or trainee? Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		10. Are you paid at least time and 1/2 for all hours worked in excess of 40 in a week? Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		11. Have you ever been threatened or coerced into giving up any part of your pay? Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
9. Are you paid for all hours worked? Y <input checked="" type="checkbox"/> N <input type="checkbox"/>		12a. Employee Signature Anthony Gisclair			
		12b. Date 12 Mar 12			
13. Duties observed by the interviewer (Please be specific.) Crane & Boat					
14. Remarks —					
15a. Interviewer name (please print) Rene Hebert		15b. Signature of interviewer 		15c. Date of interview 12 Mar 12	

Payroll Examination

16. Remarks Everything agrees with certified payrolls.	
17a. Signature of Payroll Examiner Melanie B. Carlier	17b. Date May 7, 2012

Previous editions are obsolete

Record of Employee Interview

U.S. Department of Housing and Urban Development Office of Labor Relations

OMB Approval No. 2501-0
(exp. 10/31/20)

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This agency may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number. The information is collected to ensure compliance with the Federal labor standards by recording interviews with construction workers. The information collected will assist HUD in the conduct of compliance monitoring; the information will be used to test the veracity of certified payroll reports submitted by the employer. **Sensitive Information.** The information collected on this form is considered sensitive and is protected by the Privacy Act. The Privacy Act requires that records be maintained with appropriate administrative, technical, and physical safeguards to ensure their security and confidentiality. In addition, these records should be protected against any anticipated threats or hazards to their security or integrity that could result in substantial harm, embarrassment, inconvenience, or unfairness to any individual on whom the information is maintained. **The information collected herein is voluntary, and any information provided shall be kept confidential.**

1a. Project Name <i>GIWW to Clareilly Hydrologic Restoration</i>			2a. Employee Name <i>Ricky Darden</i>		
1b. Project Number <i>621 205</i>			2b. Employee Phone Number (including area code) <i>337 781 2413</i>		
1c. Contractor or Subcontractor (Employer)			2c. Employee Home Address & Zip Code <i>134 Jena St Jeanerette LA 70544</i>		
3a. How long on this job? <i>2-24-12</i>			3b. Last date on this job before today? <i>none</i>	3c. No. of hours last day on this job? <i>12 hr</i>	2d. Verification of identification? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
4a. Hourly rate of pay? <i>12.5</i>		4b. Fringe Benefits?		4c. Pay stub?	
		Vacation Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
		Medical Yes <input type="checkbox"/> No <input type="checkbox"/>			
		Pension Yes <input type="checkbox"/> No <input type="checkbox"/>			

5. Your job classification(s) (list all) --- continue on a separate sheet if necessary

Deckhand

6. Your duties

None house duties wash boat paint make up barges

Tools or equipment used

8. Are you an apprentice or trainee?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	10. Are you paid at least time and 1/2 for all hours worked in excess of 40 in a week?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
9. Are you paid for all hours worked?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	11. Have you ever been threatened or coerced into giving up any part of your pay?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N

12a. Employee Signature

Ricky Darden

12b. Date

3-7-12

13. Duties observed by the Interviewer (Please be specific.)

14. Remarks

15a. Interviewer name (please print)

Rene J. Nebert

15b. Signature of Interviewer

[Signature]

15c. Date of interview

3-7-12

Payroll Examination

16. Remarks

This is an employee for a supplier not a subcontractor therefore isn't held to wage decision

17a. Signature of Payroll Examiner

Melanie B Caillet

17b. Date

May 7, 2012

Previous editions are obsolete

Record of Employee Interview

U.S. Department of Housing and Urban Development Office of Labor Relations

OMB Approval No. 2501-00
(exp. 10/31/2011)

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1a. Project Name <i>GIWW to Clovelly Hydrologic Restoration</i>			2a. Employee Name <i>Steve Bourg</i>		
1b. Project Number <i>621-005</i>			2b. Employee Phone Number (including area code) <i>985-291-1840(cell) 985-693-6619(home)</i>		
1c. Contractor or Subcontractor (Employer)			2c. Employee Home Address & Zip Code <i>128 E. 5th St Larose La. 70373</i>		
			2d. Verification of identification? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
3a. How long on this job? <i>2-24-12</i>	3b. Last date on this job before today? <i>none</i>	3c. No. of hours last day on this job? <i>12 hr.</i>	4a. Hourly rate of pay? <i>\$33.33</i>	4b. Fringe Benefits?	
			Vacation Yes <input type="checkbox"/> No <input type="checkbox"/>		4c. Pay stub? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
			Medical Yes <input type="checkbox"/> No <input type="checkbox"/>		
			Pension Yes <input type="checkbox"/> No <input type="checkbox"/>		

5. Your job classification(s) (list all) --- continue on a separate sheet if necessary

Captain

6. Your duties

Tug handling, house keeping, cooking, etc.

Tools or equipment used

8. Are you an apprentice or trainee?	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	10. Are you paid at least time and 1/2 for all hours worked in excess of 40 in a week?	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
9. Are you paid for all hours worked?	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	11. Have you ever been threatened or coerced into giving up any part of your pay?	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>

12a. Employee Signature <i>Steve Bourg</i>	12b. Date <i>3-1-12</i>
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13. Duties observed by the interviewer (Please be specific.)

14. Remarks

15a. Interviewer name (please print) <i>Rene J. Herbert</i>	15b. Signature of interviewer <i>[Signature]</i>	15c. Date of interview <i>3-1-12</i>
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Payroll Examination

16. Remarks

This is an employee for a supplier not subcontractor therefore isn't held to wage decision.

17a. Signature of Payroll Examiner <i>Melanie B. Caillaud</i>	17b. Date <i>May 7, 2012</i>
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Previous editions are obsolete

Record of Employee Interview

U.S. Department of Housing and Urban Development
Office of Labor Relations

OMB Approval No. 2501-00
(exp. 10/31/201)

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1a. Project Name <i>GIWW TO Clovelly Hydrologic Restoration</i>			2a. Employee Name <i>Perry Molaison</i>		
1b. Project Number <i>621-005</i>			2b. Employee Phone Number (including area code) <i>985-258-1866</i>		
1c. Contractor or Subcontractor (Employer) <i>Boat Company</i>			2c. Employee Home Address & Zip Code <i>119 OCTAVIA ST. LAROSE LA. 70373</i>		
			2d. Verification of identification? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
3a. How long on this job?	3b. Last date on this job before today?	3c. No. of hours last day on this job?	4a. Hourly rate of pay?	4b. Fringe Benefits?	
	<i>None</i>	<i>12 hr.</i>	<i>\$33.33</i>	Vacation Yes <input type="checkbox"/> No <input type="checkbox"/>	4c. Pay stub? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
				Medical Yes <input type="checkbox"/> No <input type="checkbox"/>	
				Pension Yes <input type="checkbox"/> No <input type="checkbox"/>	

5. Your job classification(s) (list all) --- continue on a separate sheet if necessary
CAPTAIN

6. Your duties
TUG handling / house keeping / etc.

Tools or equipment used

8. Are you an apprentice or trainee?	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	10. Are you paid at least time and 1/2 for all hours worked in excess of 40 in a week?	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
9. Are you paid for all hours worked?	Y <input type="checkbox"/> N <input type="checkbox"/>	11. Have you ever been threatened or coerced into giving up any part of your pay?	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>

12a. Employee Signature
Perry Molaison

12b. Date
2-23-12

13. Duties observed by the Interviewer (Please be specific.)

14. Remarks

15a. Interviewer name (please print) <i>Rene J. Hebert</i>	15b. Signature of Interviewer <i>[Signature]</i>	15c. Date of interview <i>2-23-12</i>
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16. Remarks
This is an employee for a supplier not a subcontractor therefore isn't held to wage decision

17a. Signature of Payroll Examiner <i>Marie B Caillaud</i>	17b. Date <i>May 7 2012</i>
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Record of Employee Interview

U.S. Department of Housing and Urban Development
Office of Labor Relations

OMB Approval No. 2501-000
(exp. 10/31/2011)

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1a. Project Name <i>2010 Maintenance Project</i>			2a. Employee Name <i>Charlie Mills</i>		
1b. Project Number <i>BA-02 621-005</i>			2b. Employee Phone Number (including area code) <i>985-258-0729</i>		
1c. Contractor or Subcontractor (Employer) <i>DQSI, LLC.</i>			2c. Employee Home Address & Zip Code <i>329 East 89th St. Cut off Ja. 70345</i>		
			2d. Verification of identification? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
3a. How long on this job? <i>1 month</i>	3b. Last date on this job before today? <i>1-16-12</i>	3c. No. of hours last day on this job? <i>12 hr.</i>	4a. Hourly rate of pay? <i>20.00 per hr.</i>	4b. Fringe Benefits?	
			Vacation Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		4c. Pay stub? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
			Medical Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
			Pension Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		

5. Your job classification(s) (list all) --- continue on a separate sheet if necessary
long reach excavator - track hoe.

6. Your duties
close gaps in marsh, build rock jetties, drive pilings.

Tools or equipment used
excavator.

8. Are you an apprentice or trainee? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	10. Are you paid at least time and 1/2 for all hours worked in excess of 40 in a week? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
9. Are you paid for all hours worked? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	11. Have you ever been threatened or coerced into giving up any part of your pay? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N

12a. Employee Signature
Charles W Mills Jr.

12b. Date
1-17-12

13. Duties observed by the Interviewer (Please be specific.)
watching me operate & throwing dirt.

14. Remarks

15a. Interviewer name (please print)
Rene Hebert

15b. Signature of Interviewer
[Signature]

15c. Date of interview
17 Jan 12

Payroll Examination

16. Remarks

17a. Signature of Payroll Examiner

17b. Date

Record of Employee Interview

U.S. Department of Housing and Urban Development Office of Labor Relations

OMB Approval No. 2501-000
(exp. 10/31/2011)

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1a. Project Name <i>2010 Maintenance Project BA-02</i>			2a. Employee Name <i>Clyde Mitchell Smith</i>		
1b. Project Number <i>621-005</i>			2b. Employee Phone Number (including area code) <i>985-635-1503</i>		
1c. Contractor or Subcontractor (Employer) <i>DASI, LLC.</i>			2c. Employee Home Address & Zip Code <i>75244 Horse Branch Rd. Covington LA 70435</i>		
			2d. Verification of identification? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
3a. How long on this job? <i>3 weeks</i>	3b. Last date on this job before today? <i>1-4-12</i>	3c. No. of hours last day on this job? <i>12</i>	4a. Hourly rate of pay? <i>\$21.00</i>	4b. Fringe Benefits?	
			Vacation Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		4c. Pay stub? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
			Medical Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		<i>Not on hand</i>
			Pension Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
5. Your job classification(s) (list all) --- continue on a separate sheet if necessary <i>Boat Operator / Machine Operator</i>					
6. Your duties <i>Operate boat and machinery</i>					
Tools or equipment used <i>Boats and machines</i>					

8. Are you an apprentice or trainee? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	10. Are you paid at least time and 1/2 for all hours worked in excess of 40 in a week? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
9. Are you paid for all hours worked? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	11. Have you ever been threatened or coerced into giving up any part of your pay? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N
12a. Employee Signature <i>Clyde M Smith</i>	12b. Date <i>1-5-12</i>

13. Duties observed by the Interviewer (Please be specific.)
Drives boats + Operates excavator

14. Remarks

15a. Interviewer name (please print) <i>Jeffery Bueche</i>	15b. Signature of Interviewer <i>Jeffery Bueche</i>	15c. Date of interview <i>1-5-12</i>
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Payroll Examination

16. Remarks

17a. Signature of Payroll Examiner	17b. Date
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plans and specifications. We are pleased to have him working for us on this project.

SUBCONTRACTORS AND SUPPLIERS

J. Identification of Subcontractors and Suppliers

Rip Rap Supplier: Lafarge FMT Aggregates
675 N. Causeway Blvd.
Mandeville, LA 70448
985-629-0100
Chuck Commiskey
504-493-4630

Rock Quarry: Lafarge Aggregates
RR1 Box 267
Cave-In Rock, IL 62919
(618) 289-3404
Pit Designation: Lafarge Aggregates

Professional Land Surveyor: Hydroterra Technologies, LLC
202 Jacobs Run
Scott, LA 70583
Keith J. Roberts, PLS, RPLS
(337)517-3373

The list of additional subcontractors and suppliers will be updated as subcontractors and suppliers are selected. All subcontractors and suppliers will comply with all United States Coast Guard and OSHA regulations prior to commencing work on the site.

K. Controlling and Coordinating Subcontractors and Suppliers

Prior to any subcontractor mobilization to the project and performance of any work, DQSI will hold a coordination meeting with the subcontractor at the project site to discuss the following:

1. Required insurance certificates and status thereof
2. Scope of Work
3. Coordination with other subcontractors and trades
4. Any unusual site safety hazards or concerns
5. Review of the applicable Activity Hazard Analysis
6. Review of the project MSDS location
7. Review of this Accident Prevention Plan
8. Review of the subcontractors APP and procedures
9. Review of the subcontractors schedule and project schedule

L. Safety Responsibilities of Subcontractors and Suppliers

All subcontractors shall comply fully with all laws, orders, citations, rules, regulations, standards and



statutes. This includes occupational health and safety, hazard communication, the handling and storage of hazardous materials, accident prevention, safety equipment and practices including the accident prevention plan and program of DQSI Corporation and those relating to Environmental Protection. All subcontractors shall conduct inspections to determine that safe working conditions and equipment exist and accept sole responsibility for providing a safe place to work for its employees and for employees of its subcontractors and suppliers of material and equipment. This includes the adequacy of and required use of all safety equipment and for full compliance with the aforesaid laws, orders, citations, rules, regulations, standards, and statutes.

As a matter of contact compliance, each subcontractor must comply fully with the approved Accident Prevention Plan.

It is our policy to provide a safe environment for all employees and visitors; and prevent damage to property, supplies, and equipment. Site inspection will be performed daily. Failure to comply with these rules will result in:

1. First Offense – Verbal Counseling
2. Second Offense – Written Warning
3. Third Offense – Will be asked to leave the jobsite

The construction area in its entirety as delineated on the contract plans will be designated as a “**hard hat area**”. Suitable warning signs will be posted at all building entries as well as the field office for visitors. All personnel within the construction zone, whether visitor, company employee, or subcontractor employee, will be required to wear a hard hat.

All visitors, i.e. supplier, will be required to check in at the jobsite trailer before proceeding to the jobsite (if applicable).



19218 North 5th Street · Covington, LA 70433
Phone (985) 871-7472 · Fax (985) 871-1072
www.DQSI.com

January 26, 2012

PROJECT: GIWW-Clovelly Hydrologic Restoration
#2245524

To whom it may concern,

Kim Economides, Controller of DQSI, LLC., is authorized to sign the weekly payroll reports for the Clovelly Hydrologic Restoration job.

Sincerely,

A handwritten signature in blue ink, appearing to read "Shelly S. Stubbs", is written over the word "Sincerely,".

Shelly S. Stubbs, President

Kim Economides

From: Melanie Caillouet [melaniecaillouet@providenceeng.com]
Sent: Wednesday, January 25, 2012 4:44 PM
To: Kim Economides
Subject: Clovelly Payrolls
Attachments: Wage Rate LA2 Heavy.pdf

Kim,

I want to first apologize for sending you the wrong wage decision. The one required for this project is attached. This is the wage decision that was in effect 10 days prior to the 09/07/11 bid date.

I believe that the gentlemen on the job work as operators as well as common laborers. Thus the classification on the payroll should be the highest paid classification for which they work. This is required because other classifications on this wage decision have higher pay rates than those being paid.

You can make those changes and email them to me. I can just switch out the first pages of the payrolls here at my office if you are okay with that. That way you don't have re-sign the second pages or mail the corrections to me. In the future when you submit them to me, you only have to send one original and please include the daily reports from the field.

I also need some type of corporate resolution stating that you have the authority to sign the certified payrolls.

Should you have any questions or require additional information, please do not hesitate to contact me.

Melanie B. Caillouet, P.E.

PROVIDENCE/GSE

GSE ASSOCIATES, LLC

991 Grand Caillou Road

Houma, LA 70363

Office: (985) 876-6380

Fax: (985) 876-0621

melaniecaillouet@providenceeng.com

www.providenceeng.com/gse

>

LA100002 MOD 10 REVISED 09/16/11 LA2
 ***** THIS WAGE DETERMINATION WAS REPLACED ON 09/16/11*****
 General Decision Number: LA100002 07/22/2011

Superseded General Decision Number: LA20080002

State: Louisiana

Construction Type: Heavy

Counties: Acadia, Ascension, Bossier, Caddo, Calcasieu, East
 Baton Rouge, Lafayette, Lafourche, Livingston, Ouachita,
 Rapides, St Landry, St Martin, Terrebonne, Webster and West
 Baton Rouge Counties in Louisiana.

HEAVY CONSTRUCTION PROJECTS (includes flood control, water &
 sewer lines, and water wells; excludes elevated storage tanks,
 industrial construction-chemical processing, power plants, and
 refineries)

Modification Number	Publication Date
0	03/12/2010
1	03/19/2010
2	09/03/2010
3	09/10/2010
4	01/21/2011
5	02/11/2011
6	03/18/2011
7	05/13/2011
8	06/17/2011
9	07/01/2011
10	07/22/2011

CARP0764-003 07/01/2006

BOSSIER, CADDO, OUACHITA, RAPIDES, AND WEBSTER PARISHES

	Rates	Fringes
CARPENTER (formbuilding/formsetting).....	\$ 17.25	5.02

CARP1075-004 01/01/2011		

CALCASIEU PARISH

	Rates	Fringes
CARPENTER (formbuilding/formsetting).....	\$ 20.21	5.00

CARP1075-009 01/01/2011		

ACADIA, LAFAYETTE, ST. LANDRY, AND ST. MARTIN PARISHES

	Rates	Fringes
CARPENTER (formbuilding/formsetting).....	\$ 19.30	5.00

CARP1098-004 01/01/2010		

ASCENSION, EAST BATON ROUGE, LIVINGSTON, AND WEST BATON ROUGE
PARISHES

	Rates	Fringes
CARPENTER (formbuilding/formsetting).....	\$ 24.25	7.29

* CARP1846-008 07/01/2011		

LAFOURCHE and TERREBONNE PARISHES

	Rates	Fringes
CARPENTER (formbuilding/formsetting).....	\$ 21.81	7.35

ELEC0130-009 06/01/2011		

LAFOURCHE AND TERREBONNE PARISHES

	Rates	Fringes
ELECTRICIAN.....	\$ 26.75	9.19

ELEC0194-007 03/04/2010		

BOSSIER, CADDO, and WEBSTER PARISHES

	Rates	Fringes
ELECTRICIAN Lineman and Heavy Equipment Operator.....	\$ 24.50	8.74

ELEC0446-007 03/01/2011		

OUACHITA PARISH

	Rates	Fringes
ELECTRICIAN.....	\$ 20.60	1%+8.81

ELEC0576-006 03/01/2011		

RAPIDES PARISH

	Rates	Fringes
ELECTRICIAN.....	\$ 23.50	5.70

* ELEC0861-006 07/01/2011		

ACADIA, CALCASIEU, LAFAYETTE, AND ST. MARTIN PARISHES

	Rates	Fringes
ELECTRICIAN.....	\$ 23.70	1%+9.94

ELEC0995-006 01/01/2011		

ASCENSION, EAST BATON ROUGE, LIVINGSTON, ST. LANDRY, AND WEST BATON ROUGE PARISHES

	Rates	Fringes
ELECTRICIAN.....	\$ 22.68	8.41

SULA2004-006 04/29/2004		

	Rates	Fringes
CARPENTER (all other work).....	\$ 12.81	0.00
Cement Mason/Concrete Finisher...	\$ 13.77	0.00
Laborers		
Common.....	\$ 8.20	0.00
Pipelayer.....	\$ 9.45	0.00
Power Equipment Operators		
Backhoe/Excavator.....	\$ 13.01	0.00
Bulldozer.....	\$ 13.83	0.00
Crane.....	\$ 16.62	3.28
Dragline.....	\$ 15.16	0.00
Front End Loader.....	\$ 11.50	0.00
Motor Grader/Blade.....	\$ 11.75	0.00
Oiler.....	\$ 8.59	2.50
Trackhoe.....	\$ 12.64	0.00
Water Well Driller.....	\$ 11.91	2.44
Winch.....	\$ 11.38	0.00
Truck Driver, Dump.....	\$ 10.25	0.00

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.
=====

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION