

ADDENDUM No. 1 TO BID DOCUMENTS FOR THE

LITTLE LAKE SHORELINE PROTECTION AND MARSH CREATION
SEGMENT 1 AND 2 DEMOLITION & PERPENDICULAR ROCK DIKE
CONSTRUCTION PROJECT BA-0037

LAFOURCHE PARISH, LOUISIANA



STATE OF LOUISIANA
COASTAL PROTECTION AND RESTORATION AUTHORITY

March 2nd, 2018

LITTLE LAKE SHORELINE PROTECTION AND MARSH CREATION SEGMENT 1 AND 2 DEMOLITION & PERPENDICULAR ROCK DIKE CONSTRUCTION PROJECT BA-0037

The interpretations, corrections, or changes in this addendum supersede the requirements in the Bid Documents dated January 2018 and stamped and sealed by the Engineer of Record on February 5, 2018. The Successful Bidder shall be issued a revised set of Contract Documents.

Bidders shall acknowledge receipt of this addendum in the Louisiana Public Work Bid Form.

I. Submitted Questions

1. **Question:** At the pre-bid meeting we were told that revised Drawings and Specifications will be issued. Will these items be provided in a timely manner so that we can review them and have time to submit any questions we may have concerning the new documents? Or will no questions be allowed after receiving revised Drawings and Specifications?

Answer: Revised drawings will be included in the attachment section of this Addendum. Please see Attachment D herein for plan sheets that have been revised. Regarding time concerns, The bid opening date has been pushed back a week; **the bid opening dates are hereby changed from Thursday, March 8th, 2018 to Thursday, March 15th 2018.** Questions from bidders should be submitted by close of business on Friday, March 9th, 2018.

2. **Question:** Will a Clamshell or Orange-peel bucket be allowed for placement of the riprap, or only a drag type bucket or excavator bucket?

Answer: The Contract Documents specified the use of a Clamshell bucket for rock placement. This is hereby revoked; placement of rock riprap with either hydraulic or mechanical type clamshell or grab bucket is prohibited. Orange-peel buckets are prohibited on this project. However, recovery of rock with a Clamshell bucket is authorized. According to TS 2.3 the Contractor shall provide a proposed list of equipment in the Work Plan which will be used to construct the identified rock structures. This list shall include the type (Drag Bucket, etc.), number of each type, and capacity (Cubic Yards, etc.) of the equipment.

3. **Question:** Will the "Recovery" of the existing riprap be allowed with a clam or orange-peel style bucket be allowed?

Answer: See response to Question No. 2.

4. **Question:** We received a different map from Louisiana Wildlife & Fisheries for a tug/barge route across Little Lake in the past. Is the Map included in the specifications the most recent and accurate?

Answer: The access route shown in the specifications shall be utilized by the Contractor unless otherwise authorized by the Owner or their representative. Prop-washing along this access route is prohibited.

5. **Question:** While we understand that surveying for pre-construction, as-builts, and any other deliverables must be performed by a Licensed Surveyor, then Stamped & Signed. However, can the Contractor stake; spoil disposal area, floatation channel, and the rock dike for construction or must a Licensed Surveyor do all surveying on the project.

Answer: All surveying work conducted on this job shall be performed under the direction supervision of a professional surveyor licensed in the state of Louisiana, including staking, unless otherwise authorized by the Owner or their representative.

6. **Question:** Is the “North” arrow on Plan Page 6 of 14 correct?

Answer: The “North” arrow on the original plan set is incorrect and is shown revised in Attachment D of this Addendum.

7. **Question:** Must “Temporary” Piles be 60’ in length, or can we use a shorter pile for the Temporary Signs?

Answer: The Contract documents have conflicting information regarding length of timber piling. All timber piling shall hereby be 50 feet in length. See Attachment D of this Addendum for plan sheets reflecting the change.

8. **Question:** The first page of the Bid Form, where the Contractor signs, list Alternate No. 1 as N/A. Does Alternate No. 1 apply on this project? This is asked due to the lengthy lead time on riprap, especially such a small quantity.

Answer: The Contract Specifications have a mistake on the Louisiana Uniform Public Works Bid Form where the Alternate isn’t given a number. Also, the form’s first page has “Not Applicable” in the blank space where a price would be placed. Please see Attachment A for the corrected forms.

9. **Question:** If Alternate No. 1 applies to this project, when will the Contractor be notified that they will be required to provide riprap? This is asked due to the lengthy lead time on riprap, especially such a small quantity.

Answer: The decision by CPRA to approve Additive Alternative No. 1 for construction will be made when the Construction Contract is awarded.

10. **Question:** If Alternate No. 1 applies on this project, will the tonnage listed, 900, be the actual tonnage used/ordered? If not, when will the Contractor be told how much riprap to order for Alternate 1? This is asked due to the lengthy lead time on riprap, especially such a small quantity.

Answer: The decision to increase/decrease rock quantity will be made after review of the calculations associated with the Pre-Construction Survey.

11. **Question:** What is the allowable width of the Flotation Channel?

Answer: The Contract documents have conflicting information regarding maximum allowable bottom width of flotation channels. Maximum Flotation Channel bottom width shall be 80 feet. See Attachment D of this Addendum for plan sheets reflecting the change.

12. **Question:** Specification TS-3.1 states, “Accessing or disturbing the berm between the flotation channel and dike footprint is prohibited.” Is this to mean that we can’t float over the berm?

Answer: All equipment shall remain in the designated Flotation Channels unless otherwise authorized by the Owner or their representative.

II. Revisions to Specifications:

1. The Bid Opening Date has been postponed a week to from **Thursday, March 8th, 2018 to Thursday, March 15th 2018.**

On the “**ADVERTISEMENT FOR BIDS**” page:

DELETE: Sealed bids will be received for the State of Louisiana by the Coastal Protection and Restoration Authority, 150 Terrace Avenue, 4th Floor Conference Center, Baton Rouge, Louisiana 70802 until 2:00 P.M., **Thursday, March 8, 2018.**

ADD: Sealed bids will be received for the State of Louisiana by the Coastal Protection and Restoration Authority, 150 Terrace Avenue, 4th Floor Conference Center, Baton Rouge, Louisiana 70802 until 2:00 P.M., **Thursday, March 15, 2018.**

2. 30 Contract Days will be awarded if Alternate No. 1 is accepted as part of the Construction Contract.

On the “**INSTRUCTIONS TO BIDDERS**” page, under completion time:

ADD: “An Additional 30 Contract Days will be awarded if Alternate No. 1 is accepted as part of the Construction Contract”.

Within SP-5 “**BID ITEMS, CONTRACT DATES, AND DELIVERABLES**”, in the row listing “End of Contract Time”, after “90 calendar days after Notice to Proceed”:

ADD: “An Additional 30 Contract Days will be awarded if Alternate No. 1 is accepted as part of the Construction Contract”.

3. The Contract Documents specified the use of a Clamshell bucket for rock placement. This is hereby revoked; placement of rock riprap with either hydraulic or mechanical type clamshell or grab bucket is prohibited.

Within “**TS 2.3 Placement of Rock**”:

DELETE: “All rock shall be placed with a clamshell bucket or approved equal.”

ADD: “All rock shall be placed with a drag type bucket. The Contractor shall provide a proposed list of equipment in the Work Plan which will be used to construct the identified rock structures. This list shall include the type (Drag Bucket, etc.), number of each type, and capacity (Cubic Yards, etc.) of the equipment. Placement of rock riprap with clamshell or grab bucket is prohibited. Orange Peel buckets are prohibited on this project.”

4. Timber Pile Length shall be 50 feet.

Within “TS 5.1 Description”:

DELETE: “For the timber mounted warning signs, each of the sign shall be fabricated from 3/4 inch thick sign grade plywood or approved equal, and bolted to one (1) 12" diameter (nominal end) x 60 ft long timber piling after it is driven to the proper depth, as shown on the Construction Drawing Typical Details.”

ADD: “For the timber mounted warning signs, each of the sign shall be fabricated from 3/4 inch thick sign grade plywood or approved equal, and bolted to one (1) 12" diameter (nominal end) x 50 ft long timber piling after it is driven to the proper depth, as shown on the Construction Drawing Typical Details.”.

III. Other:

1. See Attachment A for a copy of the corrected Louisiana Uniform Public Works Bid Form
2. See Attachment B for a copy of the Pre-Bid Meeting Sign-In Sheet
3. See Attachment C for a copy of the Engineer’s Estimate.
4. See Attachment D for a copy of Revision A to the Contract plans.

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ATTACHMENT A: CORRECTED LOUISIANA PUBLIC WORK BID FORM

LOUISIANA UNIFORM PUBLIC WORKS BID FORM

TO: Coastal Protection and Restoration Authority
150 Terrace Avenue
Suite 100
Baton Rouge, LA 70802
(Owner to provide name and address of owner)

BID FOR: Little Lake Shoreline Protection & Marsh Creation
Segment 1 & 2 Demolition
& Perpendicular Rock Dike Construction
Project (BA-0037)
(Owner to provide name of project and other identifying information)

The undersigned bidder hereby declares and represents that she/he; a) has carefully examined and understands the Bidding Documents, b) has not received, relied on, or based his bid on any verbal instructions contrary to the Bidding Documents or any addenda, c) has personally inspected and is familiar with the project site, and hereby proposes to provide all labor, materials, tools, appliances and facilities as required to perform, in a workmanlike manner, all work and services for the construction and completion of the referenced project, all in strict accordance with the Bidding Documents prepared by: Coastal Protection and Restoration Authority and dated: January 2018.
(Owner to provide name of entity preparing bidding documents.)

Bidders must acknowledge all addenda. The Bidder acknowledges receipt of the following **ADDENDA:** (Enter the number the Designer has assigned to each of the addenda that the Bidder is acknowledging) _____.

TOTAL BASE BID: For all work required by the Bidding Documents (including any and all unit prices designated "Base Bid" * but not alternates) the sum of:

_____ Dollars (\$ _____)

ALTERNATES: For any and all work required by the Bidding Documents for Alternates including any and all unit prices designated as alternates in the unit price description.

Additive Alternate No. 1 Addition for 250 LB Class Rock for the sum of:

_____ Dollars (\$ _____)

Additive Alternate No. 2 *(Not Applicable)* for the sum of:

_____ Not Applicable _____ Dollars (\$ Not Applicable)

Additive Alternate No. 3 *(Not Applicable)* for the lump sum of:

_____ Not Applicable _____ Dollars (\$ Not Applicable)

NAME OF BIDDER: _____

ADDRESS OF BIDDER: _____

LOUISIANA CONTRACTOR'S LICENSE NUMBER: _____

NAME OF AUTHORIZED SIGNATORY OF BIDDER: _____

TITLE OF AUTHORIZED SIGNATORY OF BIDDER: _____

SIGNATURE OF AUTHORIZED SIGNATORY OF BIDDER **: _____

DATE: _____

* The Unit Price Form shall be used if the contract includes unit prices. Otherwise it is not required and need not be included with the form. The number of unit prices that may be included is not limited and additional sheets may be included if needed.

** If someone other than a corporate officer signs for the Bidder/Contractor, a copy of a corporate resolution or other signature authorization shall be required for submission of bid. Failure to include a copy of the appropriate signature authorization, if required, may result in the rejection of the bid unless bidder has complied with La. R.S. 38:2212(A)(1)(c) or RS 38:2212(O).

BID SECURITY in the form of a bid bond, certified check or cashier's check as prescribed by LA RS 38:2218.A is attached to and made a part of this bid.

LOUISIANA UNIFORM PUBLIC WORKS BID FORM

UNIT PRICE FORM

TO: Coastal Protection and Restoration Authority
 150 Terrace Avenue
 Suite 100
 Baton Rouge, LA 70802
(Owner to provide name and address of owner)

BID FOR: Little Lake Shoreline Protection & Marsh Creation
 Segment 1 & 2 Demolition
 & Perpendicular Rock Dike Construction
 Project (BA-0037)
Owner to provide name of project and other identifying information)

UNIT PRICES: This form shall be used for any and all work required by the Bidding Documents and described as unit prices. Amounts shall be stated in figures and only in figures.

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Mobilization and Demobilization			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
1	1	LUMP SUM		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Rock Recovery and Placement			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
2	9,000	TON		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Floatation Dredging			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
3	1	LUMP SUM		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Woven Geotextile Fabric			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
4	5,500	SQ. YARDS		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Temporary Warning Signs			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
5	8	EACH		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Existing Warning Sign Removal			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
6	3	LUMP SUM		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Permanent Warning Signs			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
7	4	EACH		

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Perpendicular Rock Dike Settlement Plate			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION (<i>Quantity times Unit Price</i>)
8	1	LUMP SUM		

Wording for “DESCRIPTION” is to be provided by Owner.

All quantities are estimated. The contractor will be paid based upon actual quantities as verified by the Owner

LOUISIANA UNIFORM PUBLIC WORKS BID FORM

UNIT PRICE FORM

TO: Coastal Protection and Restoration Authority
150 Terrace Avenue
Suite 100
Baton Rouge, LA 70802
(Owner to provide name and address of owner)

BID FOR: Little Lake Shoreline Protection & Marsh Creation
Segment 1 & 2 Demolition
& Perpendicular Rock Dike Construction
Project (BA-0037)
Owner to provide name of project and other identifying information)

UNIT PRICES: This form shall be used for any and all work required by the Bidding Documents and described as unit prices. Amounts shall be stated in figures and only in figures.

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Construction Surveys			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
9	1	LUMP SUM		

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input checked="" type="checkbox"/> Alt.# <u>1</u> Addition for 250 LB CLASS ROCK			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
10	900	TON		

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Not Applicable			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Not Applicable			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Not Applicable			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Not Applicable			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Not Applicable			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

DESCRIPTION:	<input type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# ____ Not Applicable			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION <i>(Quantity times Unit Price)</i>
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Wording for “DESCRIPTION” is to be provided by Owner.

All quantities are estimated. The contractor will be paid based upon actual quantities as verified by the Owner

ATTACHMENT B: PRE-BID MEETING ATTENDANCE SHEET

PRE-BID MEETING ATTENDANCE RECORD

LITTLE LAKE SHORELINE PROTECTION AND MARSH CREATION SEGMENT 1 AND 2 DEMOLITION & PERPENDICULAR ROCK DIKE
CONSTRUCTION - Project BA-0037

AGENCY: COASTAL PROTECTION AND RESTORATION AUTHORITY

DATE: March 1st, 2018 @ 10:00 AM

PLEASE PRINT CLEARLY

NAME (print & signature)	COMPANY/ADDRESS	PHONE NO. FAX NO.	E-MAIL
MIKE NITSKA <i>Mike Nitska</i>	HYDROTEERRA TECH 202 JACOBS RUN SCOTT LA 70583	337-315-2190	MIKE.NITSKA@HYDROTEERRATEC.COM
TERRY SONGS <i>Terry Songs</i>	Magnolia Design & Build _____	504-462-0611	terrys@magnoliadesigns.com
Benjamin Hartman <i>Benjamin Hartman</i>	CPRA 1448 Tiger Drive Thibodaux LA 70301 Beauchamp Construction Co., LLC 7 River Road Jefferson, LA 70121	225-954-1209 504-835-0303	benjamin.hartman@la.gov NolanB@Beauchampcorp.com
Nolan Beauchamp <i>Nolan Beauchamp</i>	Beauchamp Partners LLC 239 South South Lakes New Orleans LA 70115	504 229 4328	BeauchampPartners@partners.com
Ian Gravois <i>Ian Gravois</i>	Lowland Construction 206 Industrial Ave C. Houma, LA	985-446-1314	ian@lowlandcci.com
JERRY DEWILLIE <i>Jerry Dewillie</i>	Weeks Marine Inc 304 GAILE DR Covington LA. 70437	985-875-2500	JDDEWILLIE@weeksmarine.com

Glen Curiole
Glen Curiole
CPRA Thibodaux Region 1
1440 Tiger Dr. 70301
985-447-0995
Glen.Curiole@LH.Gov

PRE-BID MEETING ATTENDANCE RECORD

LITTLE LAKE SHORELINE PROTECTION AND MARSH CREATION SEGMENT 1 AND 2 DEMOLITION & PERPENDICULAR ROCK DIKE
CONSTRUCTION - Project BA-0037

AGENCY: COASTAL PROTECTION AND RESTORATION AUTHORITY
DATE: March 1st, 2018 @ 10:00 AM

PLEASE PRINT CLEARLY

NAME (print & signature)	COMPANY/ADDRESS	PHONE NO. FAX NO.	E-MAIL
<i>Tyner Holmes</i> <i>Tyner Holmes</i>	<i>Southern Delta Con.</i> _____	<i>985-791-9651</i>	<i>Tyner-holmes@yahoo.com</i>
<i>Michael Mayer</i> <i>Bill Meyer</i>	<i>Southern Delta Count.</i> <i>1157 Masterson Dr.</i> <i>Baton Rouge LA 70810</i>	<i>985-209-9884</i>	<i>m-meyer@bellsouth.net</i>
<i>Rock Murphy</i> <i>Rock</i>	<i>Leche Bros</i> <i>5900 Brewer Road</i> <i>Houma LA 70123</i>	<i>504-881-7287</i>	<i>rmurphy@lch.com</i>
<i>Donna Dunn</i> <i>Donna Dunn</i>	<i>Leche Bros</i> <i>5311 Thraed St.</i> <i>Alexandria, LA 71302</i>	<i>318-487-9263</i>	<i>donna@lchalex.com</i>
<i>Michael Robinson</i> <i>MRobinson</i>	<i>719 S. Boudinot</i> <i>Suite D</i> <i>Gretna LA 70709</i>	<i>504-289-5630</i>	<i>MRobinson@gretnupind.com</i>
<i>Todd Favarre</i> <i>Todd F</i>	<i>ATEC</i> <i>12241 Industrigley Blvd</i> <i>BTR, LA 70808</i>	<i>225-753-6545</i>	<i>TFavarre@generaleng.com</i>
<i>Jeff Mizzi</i> <i>Jeff Mizzi</i>	<i>3001 Rex St. Champagne Rd.</i> <i>New Iberia LA 70560</i> <i>Leblanc Marine, LLC</i>	<i>337-280-6156</i>	<i>jeff@leblancmarine.com</i>

PRE-BID MEETING ATTENDANCE RECORD

LITTLE LAKE SHORELINE PROTECTION AND MARSH CREATION SEGMENT 1 AND 2 DEMOLITION & PERPENDICULAR ROCK DIKE
CONSTRUCTION - Project BA-0037

AGENCY: COASTAL PROTECTION AND RESTORATION AUTHORITY

DATE: March 1st, 2018 @ 10:00 AM

PLEASE PRINT CLEARLY

NAME (print & signature)	COMPANY/ADDRESS	PHONE NO. FAX NO.	E-MAIL
Tim Vestral	WESTER MANLINE INC Houma LA	985 991-9053	TVESTRA@WESTERMANLINE.COM
Tim Vestral	QUALITY FIRST MARINE 1234 N Columbia Covington LA 70433	985-273-9442	mastercraft@qualityfirstmarine.com
Patty Harris	4H Construction Corp PO Box 1761 Cleveland MS 38732	662 816-6018 662 846-1286	P.Harris@4HConstruction.net
Stanley Lee	DOSE, LLC 1918 N. 5th St Corington, LA 70433	P 813-967-0751	Stanley@dosi.com
James Miller	Cycle Marine 6 East Third St. Kenner LA 70062	(504) 467-1444	Jmiller@cycleconstruction.com
Donna Rogers	NOAA 5304 Flanders Dr. Ste B Baton Rouge, LA 70808	225-636-2095	donna.rogers@noaa.gov
Jennifer Smith	NOAA 5304 Flanders Dr. Ste B Baton Rouge, LA 70808	225-954-6654	jennifer.smith@noaa.gov
Rocanda A Mura	THATMAN CONSTRUCTION 527 W. BISMARCK AVE Kenner, LA 70066	504-466-5667 (S) 504-466-6166 (FAX)	RMURA@THATMAN9.COM

ATTACHMENT C: ENGINEER'S ESTIMATE

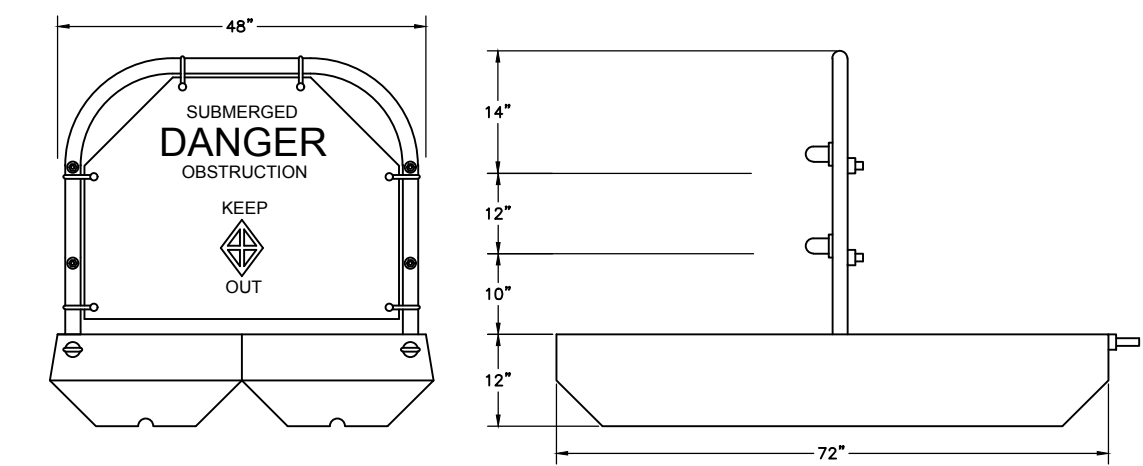
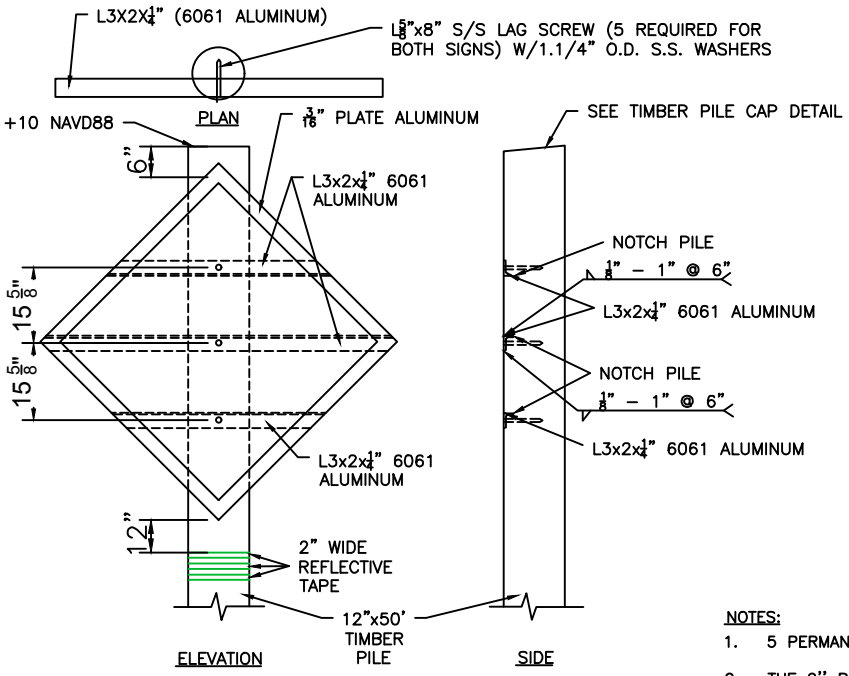
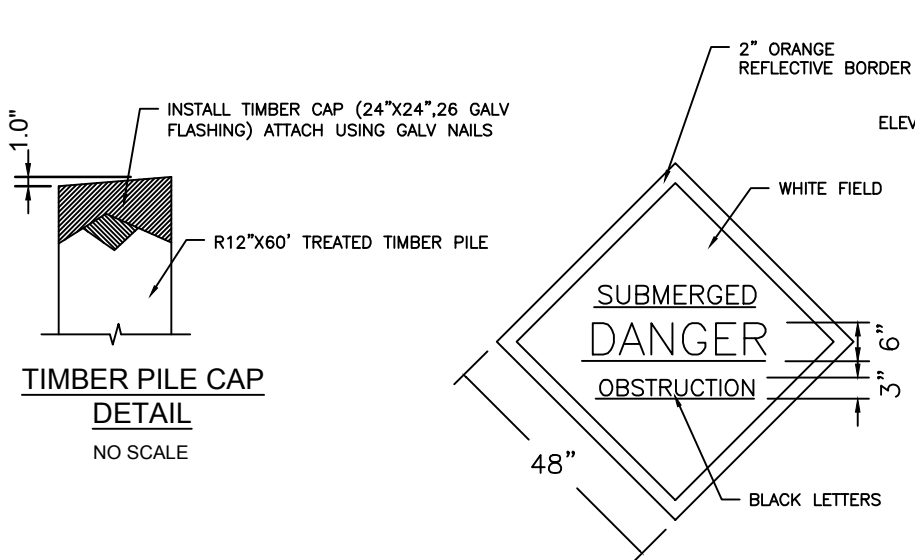
Engineer's Estimate

ITEM NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT	UNIT PRICE	EXTENSION
1	Mobilization and Demobilization	1	LUMP SUM	\$ 100,000.00	\$ 100,000.00
2	Rock Recovery and Placement	9,000	TON	\$ 35.00	\$ 315,000.00
3	Flotation Dredging	1	LUMP SUM	\$ 57,000.00	\$ 57,000.00
4	Woven Geotextile Frabric	4,500	SQ. YARDS	\$ 6.00	\$ 27,000.00
5	Temporary Warning Signs	8	EACH	\$ 1,100.00	\$ 8,800.00
6	Existing Warning Sign Removal	3	EACH	\$ 1,100.00	\$ 3,300.00
7	Permanent Warning Signs	5	EACH	\$ 3,000.00	\$ 15,000.00
8	Perpendicular Rock Dike Settlement Plate	1	EACH	\$ 3,000.00	\$ 3,000.00
9	Construction Surveys	1	LUMP SUM	\$ 60,000.00	\$ 60,000.00
10	Alt. Bid: Addition for 250 lb Class Rock	900	TON	\$ 100.00	\$ 90,000.00

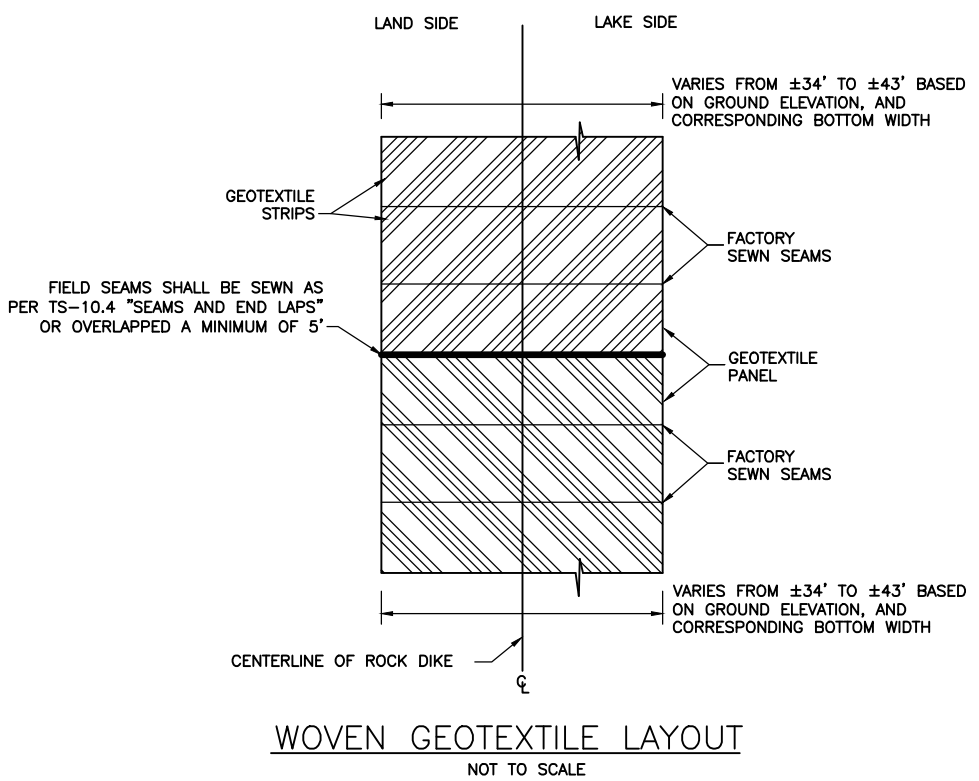
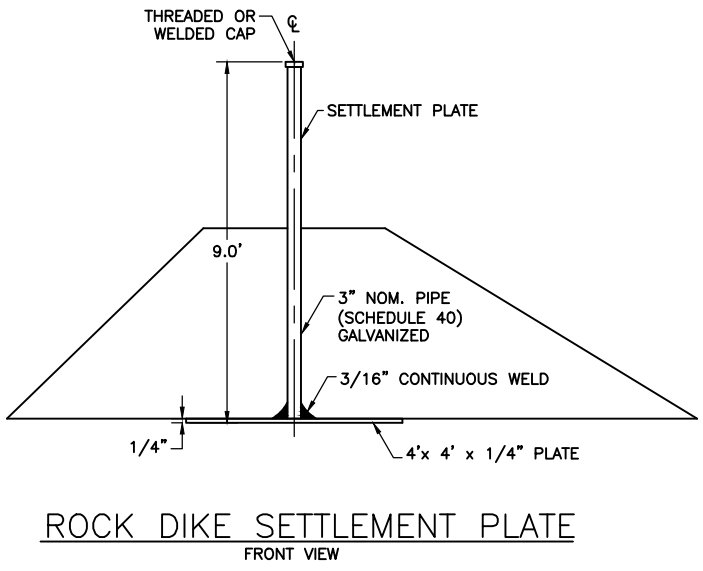
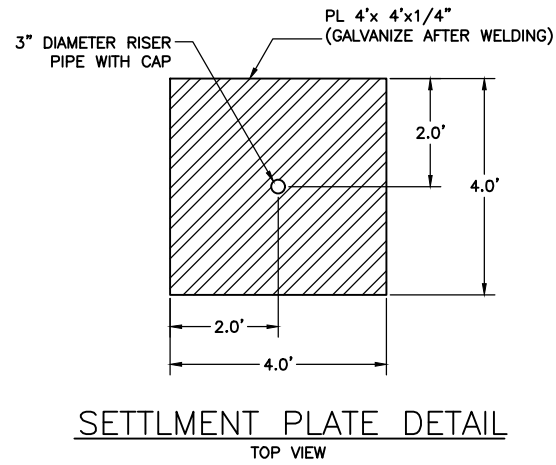
Base Bid Estimate: \$589,100.00

Total with Alternative No. 1: \$679,100.00

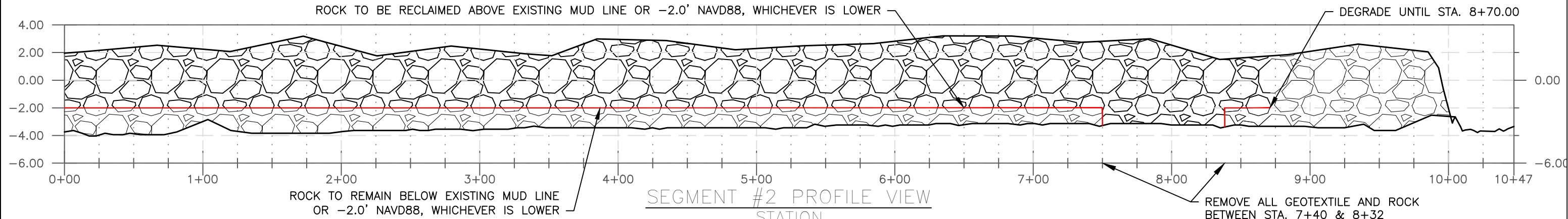
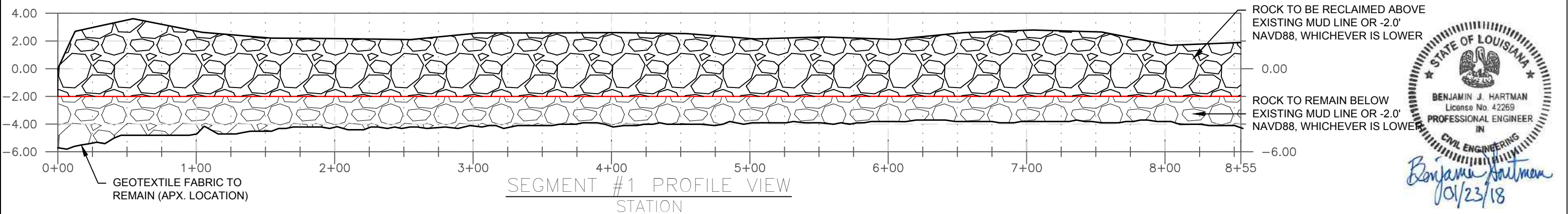
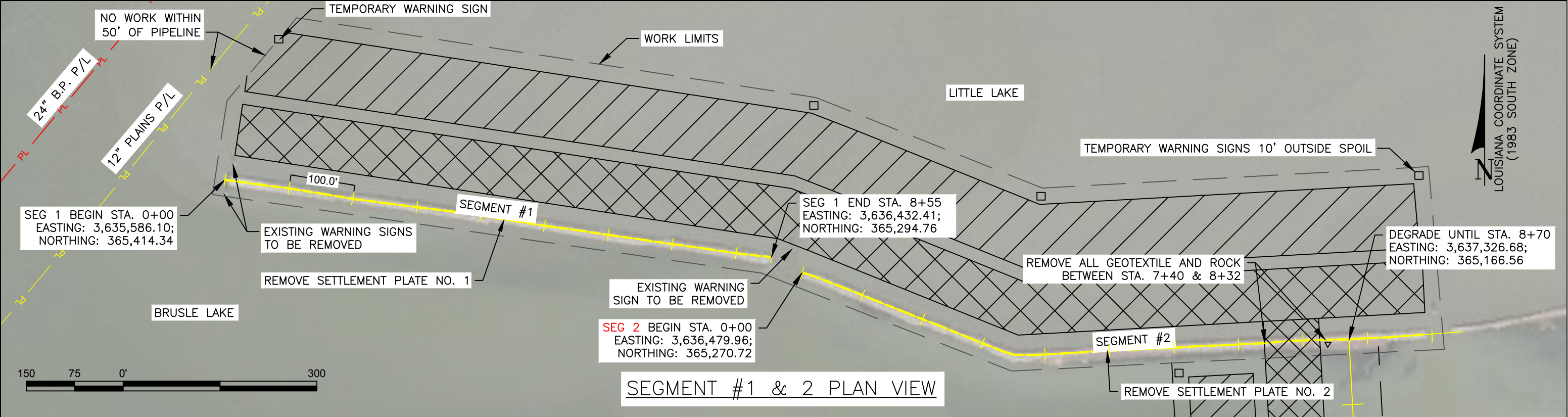
ATTACHMENT D: REVISION A TO CONTRACT PLANS



- NOTES:**
- 5 PERMANENT AND 8 TEMPORARY WARNING SIGNS SHALL BE INSTALLED AT LOCATIONS STATED ON SHEETS 05-06.
 - THE 2" BORDER ON THE WARNING SIGN WILL BE A REFLECTIVE MATERIAL OF ORANGE COLOR. THE LETTERING FIELD WILL BE A REFLECTIVE MATERIAL OF WHITE COLOR. THE LETTERING FOR THE WARNING SIGNS WILL BE BLACK. ALL SIGNS MUST MEET U.S. COAST GUARD STANDARDS; IN ACCORDANCE WITH 33 CFR 330.4 (a) (1)
 - NEOPRENE WASHERS OR GASKETS SHALL BE PLACED BETWEEN THE SIGN AND CONNECTING HARDWARE AT ALL POINTS OF CONTACT. THE NEOPRENE GASKET SHALL EXTEND PAST THE CONNECTION HARDWARE A MINIMUM OF 1/8".
 - THE CONTRACTOR HAS THE OPTION OF MOUNTING TEMPORARY WARNING SIGNS ON TIMBER PILINGS OR USING A COAST GUARD AUTHORIZED AND CPRA APPROVED WARNING BOUY/PONTOON.
 - HARDWARE FOR TIMBER CONNECTIONS SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH SECTION 811.5 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, AS PUBLISHED BY THE LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT, LATEST EDITION.
 - ALL PILES SHALL BE TREATED WITH CREOSOTE OR CHROMATED COPPER ARSENATE (CCA). SEE TS-5 "TEMPORARY WARNING SIGNS" OR TS-7 "PERMANENT WARNING SIGNS" FOR TREATMENT REQUIREMENTS. ALL PILING SHALL BE CAPPED ACCORDING TO LA DOTD SPECIFICATION 812.06.
 - TIMBER PILING SHALL BE 50- FEET IN LENGTH WITH A NOMINAL 12-INCH DIAMETER BUTT AND 7-INCH MINIMUM DIAMETER AT THE TIP.
 - TEMPORARY WARNING SIGNS SHALL HAVE THE SAME COLORING AND REFLECTIVE TAPE AS PERMANENT SIGNS BUT MAY BE CONSTRUCTED WITH 3/4" SIGN GRADE PLYWOOD.
 - THE SUPPORTS FOR THE TEMPORARY SIGNS SHALL BE REMOVED TO 10' BELOW MUD LINE OR REMOVED COMPLETELY AFTER PERMANENT SIGNS ARE ACCEPTED.
 - THE WOVEN GEOTEXTILE FABRIC SHALL OVERLAP ROCK DIKE EDGE BY A MINIMUM OF 3' ON EACH SIDE. ANY SEAM PERPENDICULAR TO ROCK DIKE CENTERLINE SHALL BE SEWN. THE MINIMUM OVERLAP AT THE ROLL/GEOTEXTILE PANEL ENDS, PERPENDICULAR TO ROCK DIKE CENTERLINE, SHALL BE FIVE (5) FEET UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
 - THE GEOTEXTILE WIDTH SHOWN INCLUDES A 3' EXTENSION ON EACH SIDE OF THE ROCK DIKE. SEE TS-4 "WOVEN GEOTEXTILE FABRIC" FOR ADDITIONAL REQUIREMENTS.
 - SETTLEMENT PLATES SHALL BE INSTALLED ALONG THE CENTERLINE OF THE PERPENDICULAR ROCK DIKE AS SHOWN.
 - THE SETTLEMENT PLATES SHALL BE SURVEYED WITHIN 24 HOURS OF INSTALLATION AND WITNESSED BY THE CPRA INSPECTOR.
 - SETTLEMENT PLATES SHALL BE BUILT USING ASTM A36 STEEL AND HOT-DIPPED GALVANIZED AFTER FABRICATION PER SPECIFICATION TS-7 "PERPENDICULAR ROCK DIKE SETTLEMENT PLATES".



REV.	A	03/02/18	UPDATED TIMBER PILING TO BE 50 FEET IN LENGTH	B.J.H.	COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70801		BA-37 Segment 1 & 2 Demolition & Perpendicular Rock Dike Construction		WARNING SIGN AND SETTLEMENT PLATE DETAIL	
							STATE PROJECT NUMBER: BA-37			
							FEDERAL PROJECT NUMBER: BA-37		DATE: 01/2018	
							APPROVED BY: B.J.H.		SHEET 4A OF 14	
							DRAWN BY: B.J.H.		DESIGNED BY: B.J.H.	



LEGEND

ROCK TO BE RECLAIMED

ROCK TO REMAIN

FLOTATION CHANNEL

SPOIL

WORK LIMITS

ROCK DIKE

TEMP. WARNING SIGN

A	03/02/18	CORRECTED TEXT BOX ON PLAN VIEW TO SAY SEG NO. 2 INSTEAD OF SEG NO. 1	BJH
REV.	DATE	DESCRIPTION	BY

COASTAL PROTECTION AND RESTORATION AUTHORITY

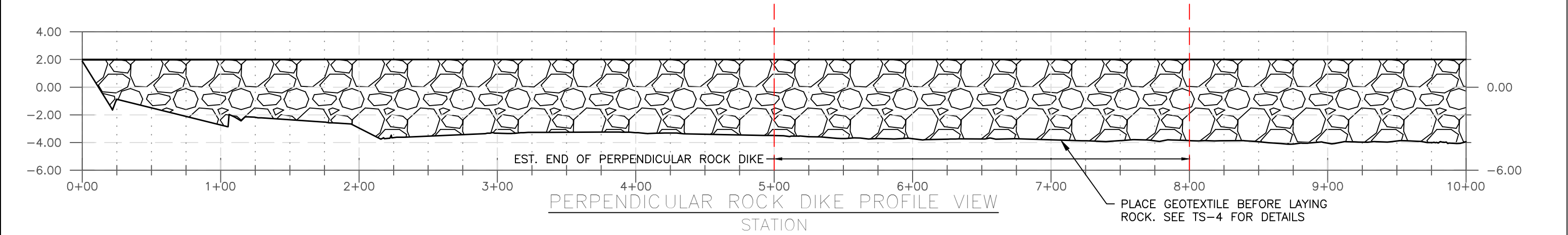
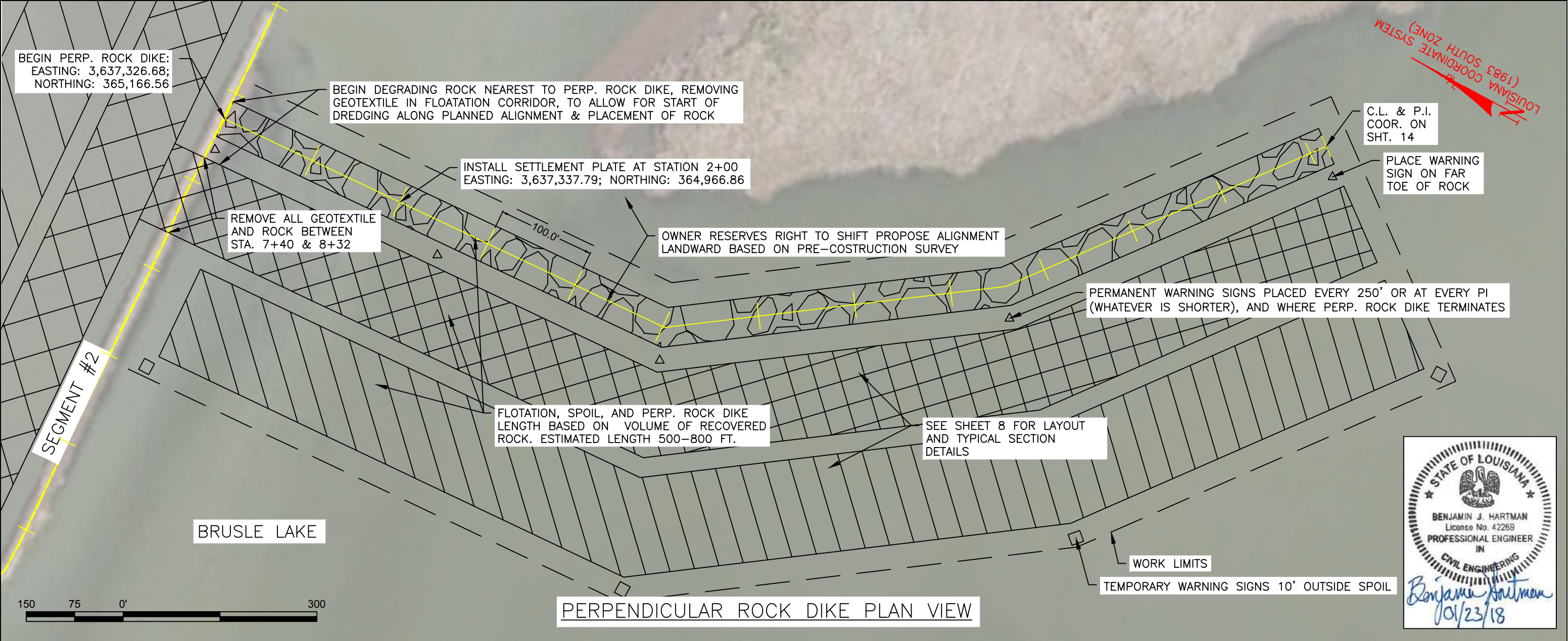
150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70801

DRAWN BY: B.J.H.

DESIGNED BY: B.J.H.

BA-37 Segment 1 & 2 Demolition & Perpendicular Rock Dike Construction		PLAN/PROFILE ROCK DIKE SEGMENT 1&2
STATE PROJECT NUMBER: BA-37		DATE: 01/2018
FEDERAL PROJECT NUMBER: BA-37		
APPROVED BY: B.J.H.		SHEET 5A OF 14

F:\ENGINEERING\BASINS\BA\BA-37\G - SEGMENT 1 & 2 DEMOLITION & DIKE CREATION\G.1 - ENGINEERING AND DESIGN\G.1.N - BID PLANS & SPECIFICATIONS, BID DOCUMENTS



LEGEND

— EXISTING WATER BOTTOM

— ROCK DIKE

— FLOATATION CHAN.

— SPOIL

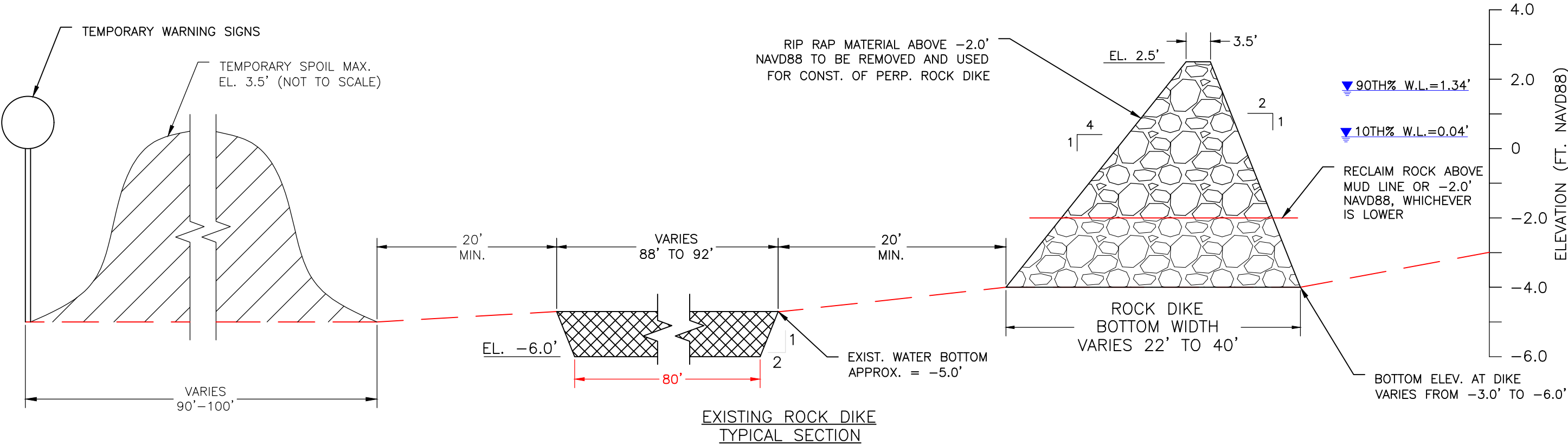
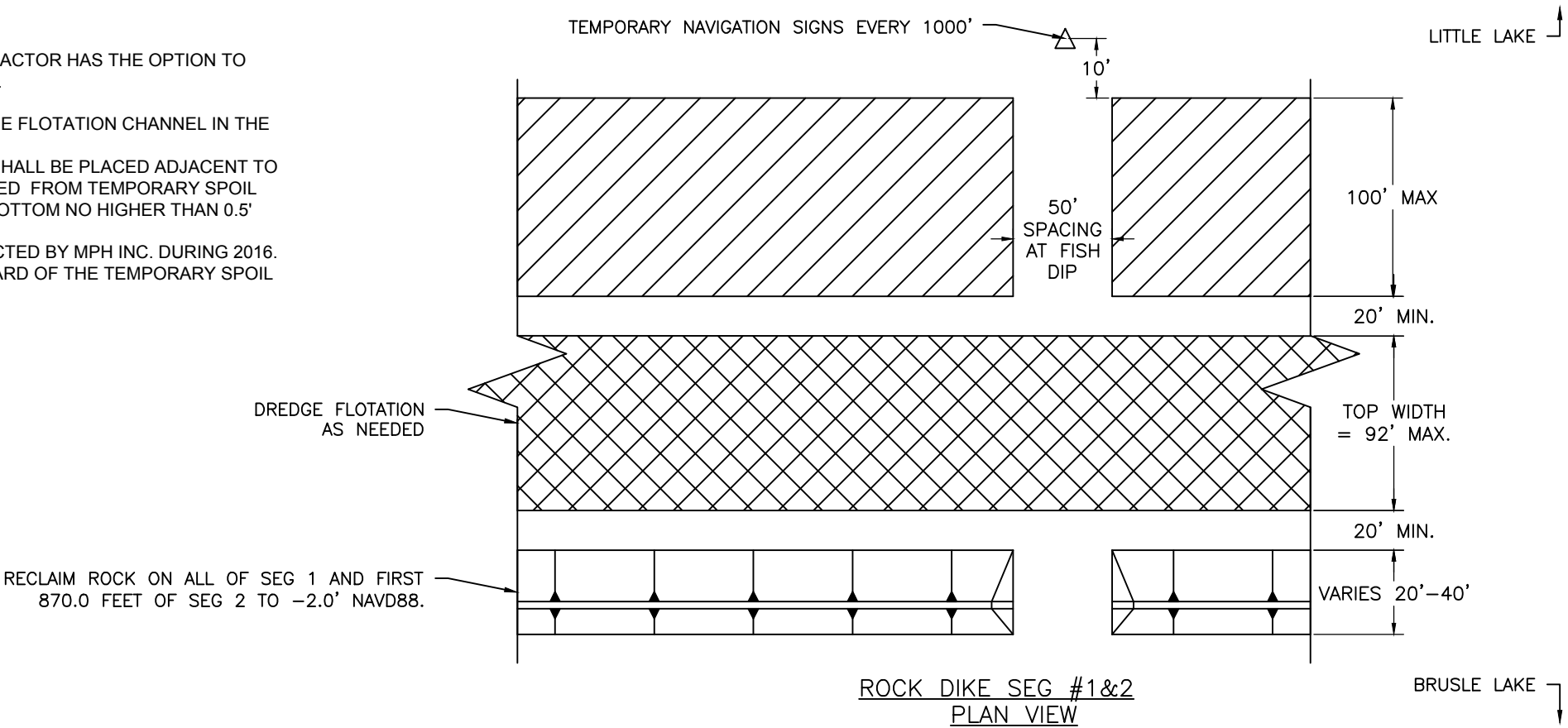
△ PERM. WARNING SIGN

□ TEMP. WARNING SIGN

F:\ENGINEERING\BASINS\BA\BA-37\G -SEGMENT 1 & 2 DEMOLITION & DIKE CREATION\G.1 -
ENGINEERING AND DESIGN\G.1.N - BID PLANS & SPECIFICATIONS, BID DOCUMENTS

A	03/02/18	CORRECTED ORIENTATION OF NORTH ARROW	BJH	COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70801	BA-37 Segment 1 & 2 Demolition & Perpendicular Rock Dike Construction		PLAN/PROFILE PERP. ROCK DIKE
					STATE PROJECT NUMBER: BA-37		
					FEDERAL PROJECT NUMBER: BA-37		DATE: 01/2018
REV.	DATE	DESCRIPTION	BY	DRAWN BY: B.J.H.	DESIGNED BY: B.J.H.	APPROVED BY: B.J.H.	SHEET 6A OF 14

1. PERMITTED FLOATATION CHANNELS ARE SHOWN. THE CONTRACTOR HAS THE OPTION TO CONSTRUCT FEWER, SMALLER, AND/OR SHORTER CHANNELS.
2. MAX FLOATATION BOTTOM WIDTH = 80'
3. THE CONTRACTOR SHALL VERIFY THE ELEVATIONS ALONG THE FLOATATION CHANNEL IN THE PRE-CONSTRUCTION SURVEY.
4. THE SPOIL FROM FLOATATION AND MAINTENANCE DREDGING SHALL BE PLACED ADJACENT TO THE CHANNEL. THE FLOATATION CHANNEL SHALL BE BACKFILLED FROM TEMPORARY SPOIL AREA PRIOR TO PROJECT COMPLETION, LEAVING THE LAKE BOTTOM NO HIGHER THAN 0.5' ABOVE PRE-CONSTRUCTION ELEVATIONS.
5. THE ELEVATIONS SHOWN ARE BASED ON A SURVEYS CONDUCTED BY MPH INC. DURING 2016.
6. TEMPORARY WARNING SIGNS SHALL BE PLACED 10.0' LAKEWARD OF THE TEMPORARY SPOIL



LEGEND

- EXISTING WATER BOTTOM
- ROCK DIKE
- FLOTATION CHANNEL
- SPOIL

F:\ENGINEERING\BASINS\BA\BA-37\G -SEGMENT 1 & 2 DEMOLITION & DIKE CREATION\G.1 -
ENGINEERING AND DESIGN\G.1.N - BID PLANS & SPECIFICATIONS, BID DOCUMENTS

A	03/02/18	CORRECTED FLOATATION CHANNEL WIDTH TO REFLECT 80 FEET AS SEEN ELSEWHERE IN PLANS	B.J.H.
REV.	DATE	DESCRIPTION	BY

COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70801		BA-37 Segment 1 & 2 Demolition & Perpendicular Rock Dike Construction	TYPICAL CROSS SECTION ROCK DIKE TO BE DEGRADED
		STATE PROJECT NUMBER: BA-37	DATE: 01/2018
		FEDERAL PROJECT NUMBER: BA-37	SHEET 7A OF 14
DRAWN BY: B.J.H.	DESIGNED BY: B.J.H.	APPROVED BY: B.J.H.	