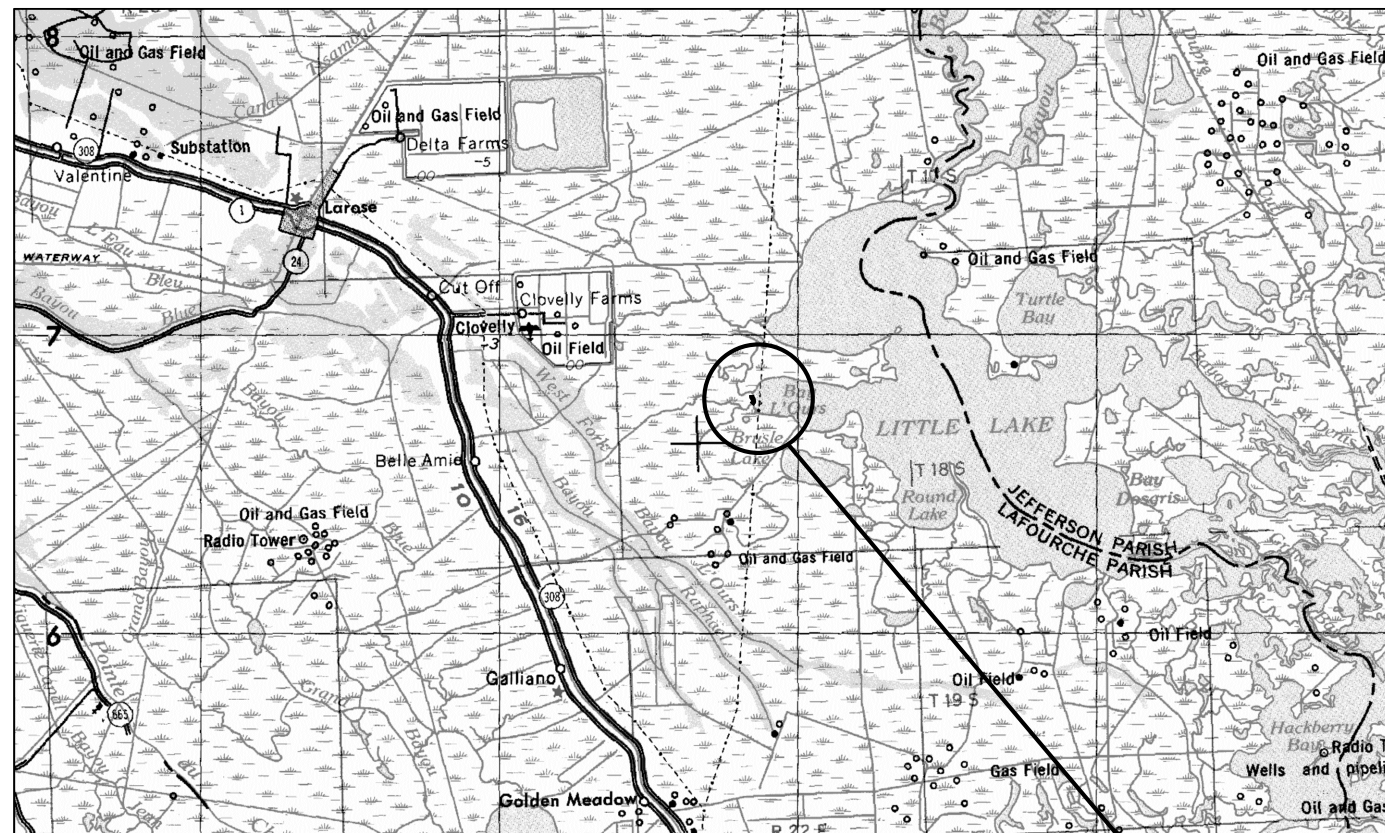
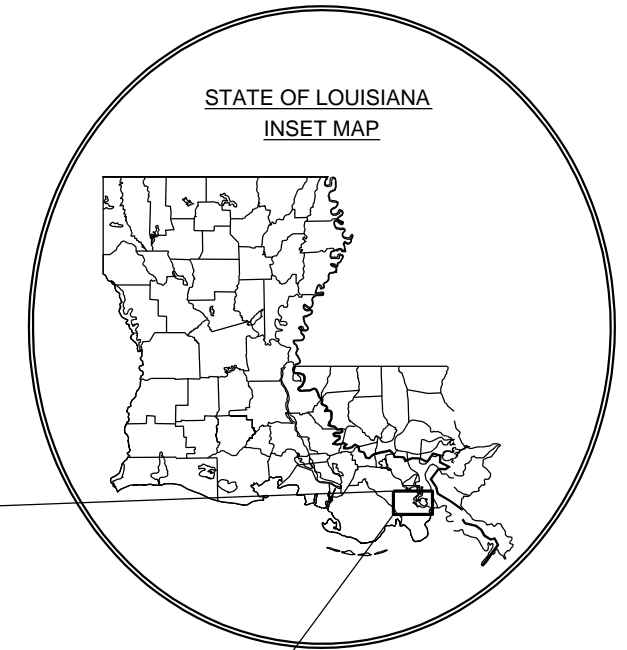


INDEX TO SHEETS

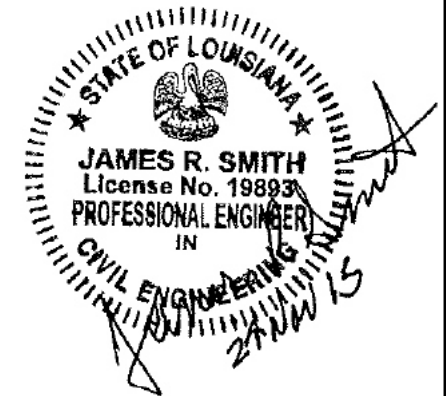
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	GENERAL NOTES & QUANTITIES
3	SITE PLAN
4	DREDGE TYPICAL SECTION ROCK DIKE A
5	DREDGE TYPICAL SECTION ROCK DIKE B
6	ACCESS DREDGE A
7	PLAN VIEW A
8	PLAN VIEW B
9	ACCESS DREDGE B
10	CROSS SECTIONS A
11	CROSS SECTIONS B
12	CROSS SECTIONS C
13	CROSS SECTIONS D
14	CROSS SECTIONS E
15	CROSS SECTIONS F
16	CROSS SECTIONS G
17	CROSS SECTIONS H
18	NAVIGATIONAL AID DETAILS

STATE OF LOUISIANA COASTAL PROTECTION AND RESTORATION AUTHORITY OPERATIONS DIVISION

GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2015 MAINTENANCE PROJECT PROJECT NO: BA-02 LAFORCHE PARISH, LA



PROJECT LOCATION



TYPE OF CONSTRUCTION

CLASSIFICATION III
HEAVY CONSTRUCTION

REV.	DATE	DESCRIPTION	BY



COASTAL PROTECTION AND RESTORATION AUTHORITY
OPERATIONS DIVISION

450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70801

DRAWN BY: SRH

DESIGNED BY: SRH

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2015 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JRS

TITLE SHEET

DATE: NOVEMBER 2015

SHEET 1 OF 18

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	130 LB RIPRAP	TONS	14300
5A	PERMANENT WARNING SIGNS	EACH	13
5B	PERMANENT WARNING SIGNS (SIGNS ONLY)	EACH	5
6	WOVEN GEOTEXTILE FABRIC	SQ YD	11000
7	DE-ENERGIZE POWER LINES	EACH	4

GENERAL NOTES

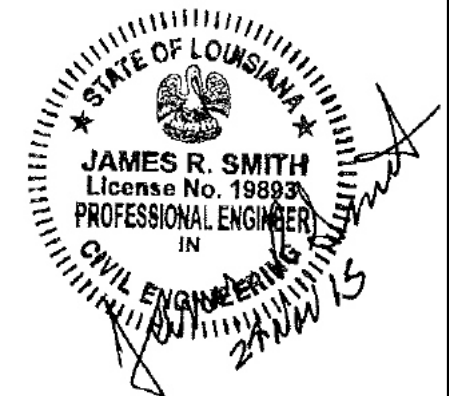
- ALL ELEVATIONS ARE GIVEN IN THE NORTH AMERICAN VERTICAL DATUM ON 1988 (NAVD 88). ALL HORIZONTAL COORDINATES ARE GIVEN IN THE NORTH AMERICAN DATUM OF 1983 (NAD 83).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NAVIGATING WITHIN THE LIMITS OF THE PROJECT PLAN AREA. CPRA OR ASSIGNED PROJECT REPRESENTATIVE SHALL MONITOR THE LOCATION DURING CONSTRUCTION.
- THE CONTRACTOR SHALL NOT, AT ANY TIME, TREAD ON EXISTING MARSH OR VEGETATIVE WETLANDS UNLESS OTHERWISE DIRECTED BY THE CPRA 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 CPRA PROJECT ENGINEER OR ASSIGNED PROJECT REPRESENTATIVE. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES, PIPELINES, AND STRUCTURES PRIOR TO COMMENCING ANY WORK.
- PRIOR TO FLOATING EQUIPMENT BENEATH ELECTRICAL TRANSMISSION LINES, THE CONTRACTOR SHALL COORDINATE THE DE-ENERGIZING OF POWER LINES. FOR POWER LINES ADJACENT TO LIMITS OF WORK, CONTACT ENTERGY:


JIMMY SHOLAR
CELL: 504-615-5540
EMAIL: JSHOLAR@ENTERGY.COM

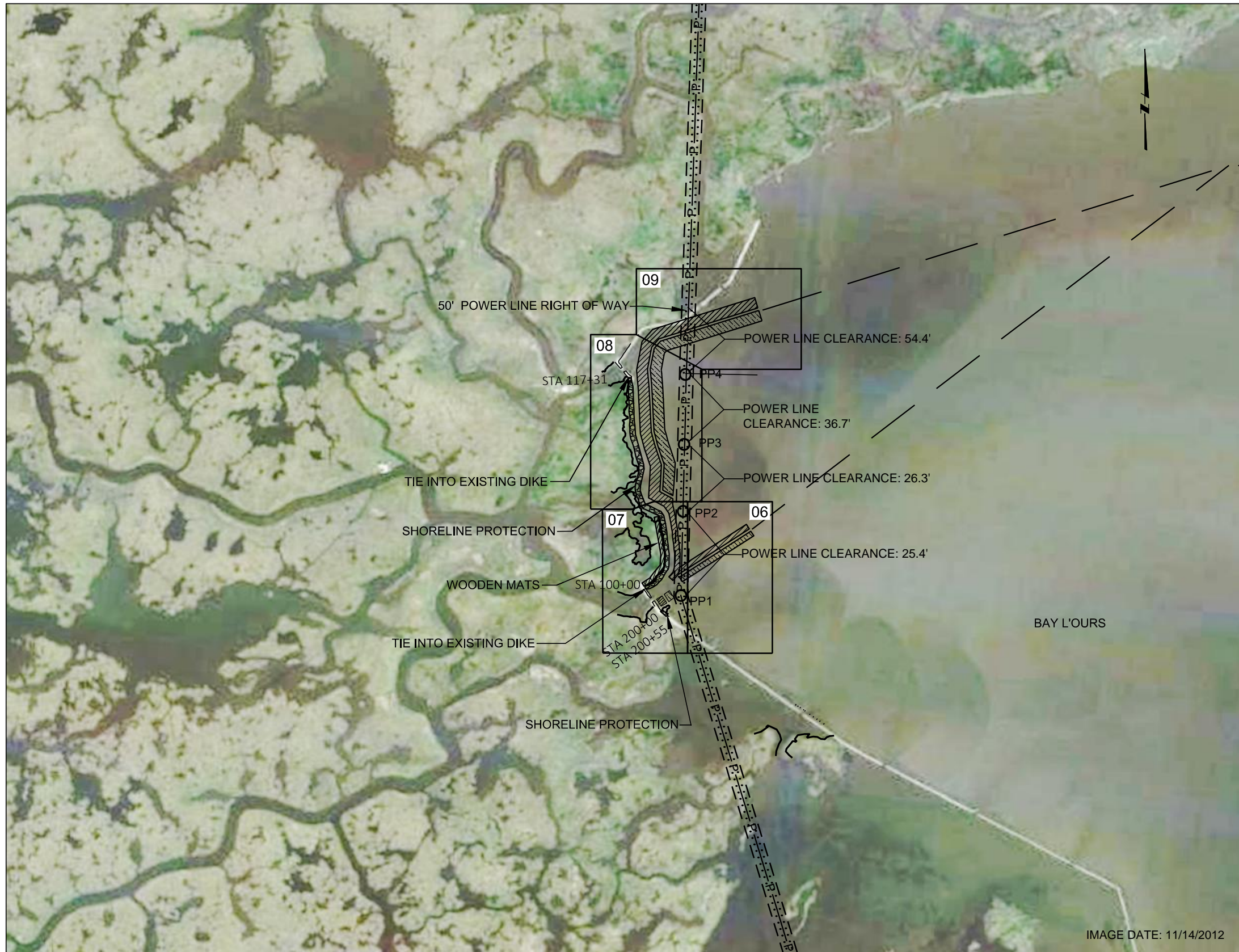
ENTERGY REQUIRES A MINIMUM 6 WEEK NOTICE TO SCHEDULE DE-ENERGIZING OF POWER LINES. ONCE THE CONTRACT IS AWARDED, THE CONTRACTOR SHALL SUBMIT A SCHEDULE SHOWING WHEN DE-ENERGIZING WILL BE REQUIRED AND CONTACT ENTERGY TO SCHEDULE THESE SERVICE INTERRUPTIONS. DE-ENERGIZING OF POWER LINES ARE FIRST COME, FIRST SERVED AND ARE DEPENDENT ON WEATHER, LOAD REQUIRED, AND OTHER WORK BEING SCHEDULED AND LINES IN THE AREA BEING OUT OF SERVICE. THE CONTRACTOR MAY BE REQUIRED TO ADJUST THE CONSTRUCTION SCHEDULE IF ENTERGY CANNOT GRANT THE REQUESTED SERVICE INTERRUPTIONS.
- 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.

PIPELINE COMPANIES MAY INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:
STONE ENERGY CORPORATION - CONTACT SONNY CROSBY (985) 870-5001
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NAVIGATING FROM ACCESS WATER BODIES TO THE PROJECT AREA. DEPENDING ON THE CONTRACTOR'S ACCESS ROUTE TO THE PROJECT AREA, THERE MAY BE OTHER PIPELINES. THE CONTRACTOR SHALL CALL LOUISIANA ONE CALL TO LOCATE PIPELINES AND COORDINATE WITH THE PIPELINES FOR ACCESS.

- VOLUMES SHOWN ARE FOR BIDDING PURPOSES ONLY AND WERE CALCULATED ACCORDING TO CONDITIONS SURVEYED IN 2014. 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 CPRA PROJECT ENGINEER OR ASSIGNED PROJECT REPRESENTATIVE. THE CPRA 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.
- 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 CPRA 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 CPRA FOR APPROVAL.
- EXISTING ELEVATIONS OF STRUCTURES AND NATURAL GROUND ARE BASED ON SURVEYS CONDUCTED IN 2014. 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 2014 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.
- MEAN HIGH WATER AND MEAN LOW WATER DATA BASED UPON 2009 MONITORING DATA PROVIDED BY CPRA.



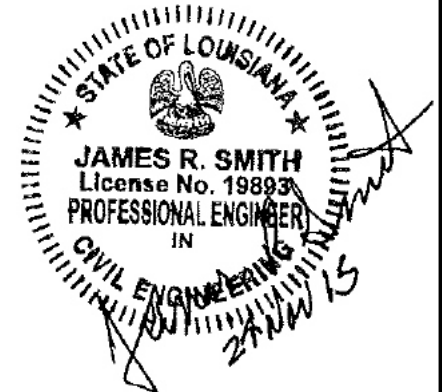
				 Stanley Consultants Inc. 225 Iowa Avenue, Muscatine, Iowa 52761-3764 www.stanleyconsultants.com	COASTAL PROTECTION AND RESTORATION AUTHORITY OPERATIONS DIVISION 450 LAUREL STREET, SUITE 1200 BATON ROUGE, LOUISIANA 70801	GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2015 MAINTENANCE PROJECT	GENERAL NOTES & QUANTITIES	
						STATE PROJECT NUMBER: BA-02		DATE: NOVEMBER 2015
						FEDERAL PROJECT NUMBER: BA-02		
REV.	DATE	DESCRIPTION	BY		DRAWN BY: SRH	DESIGNED BY: SRH	APPROVED BY: JRS	SHEET 2 OF 18



LEGEND	
	WOODEN MATS
	PROPOSED SHORELINE PROTECTION
	PROPOSED EXCAVATION AREA
	TEMPORARY SPOIL LOCATION
	EXISTING MARSH EDGE
	POWER LINES
	SURVEYED POWER POLES
	20 FT VERTICAL AND HORIZONTAL CLEARANCE
	50 FT ENTERGY POWER LINE RIGHT OF WAY
	POTENTIAL ACCESS ROUTE (CONTRACTOR TO DETERMINE)

Utility Disposition				
Item	Description	Northing	Easting	Disposition
PP 1	Wooden Poles (triple)	369083.35'	3631165.86'	Do Not Disturb
PP 2	Metal Pole	369703.60'	3631177.08'	Do Not Disturb
PP 3	Metal Pole	370198.75'	3631188.40'	Do Not Disturb
PP 4	Wooden Poles (double)	3631193.48'	370714.44'	Do Not Disturb

- NOTES:
- ACCESS ROUTES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. ACCESS CHANNELS, OTHER THAN THOSE SHOWN ON THE PLANS MAY BE REQUIRED TO REACH LAKE RIM TO CONSTRUCT PROPOSED SHORELINE PROTECTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ACCESS CHANNEL REQUIREMENTS PRIOR TO SUBMITTING BID AND INCLUDE IN BID PRICE.
 - PRIOR TO FLOATING EQUIPMENT BENEATH ELECTRICAL TRANSMISSION LINES, THE CONTRACTOR SHALL COORDINATE THE DE-ENERGIZING OF POWER LINES. FOR POWER LINES ADJACENT TO LIMITS OF WORK, CONTACT ENTERGY:
 JIMMY SHOLAR
 CELL: 504-615-5540
 EMAIL: JSHOLAR@ENTERGY.COM
 SEE NOTE 5 ON SHEET 2 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION ON DE-ENERGIZING..
 - SEE NOTE 4, 6 AND 7 ON SHEET 2.



SCALE: 1"= 800' (11" X 17")

IMAGE DATE: 11/14/2012

REV.	DATE	DESCRIPTION	BY

Stanley Consultants Inc.
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 www.stanleyconsultants.com

COASTAL PROTECTION AND RESTORATION AUTHORITY
 OPERATIONS DIVISION
 450 LAUREL STREET, SUITE 1200
 BATON ROUGE, LOUISIANA 70801

DRAWN BY: SRH DESIGNED BY: SRH

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2015 MAINTENANCE PROJECT

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

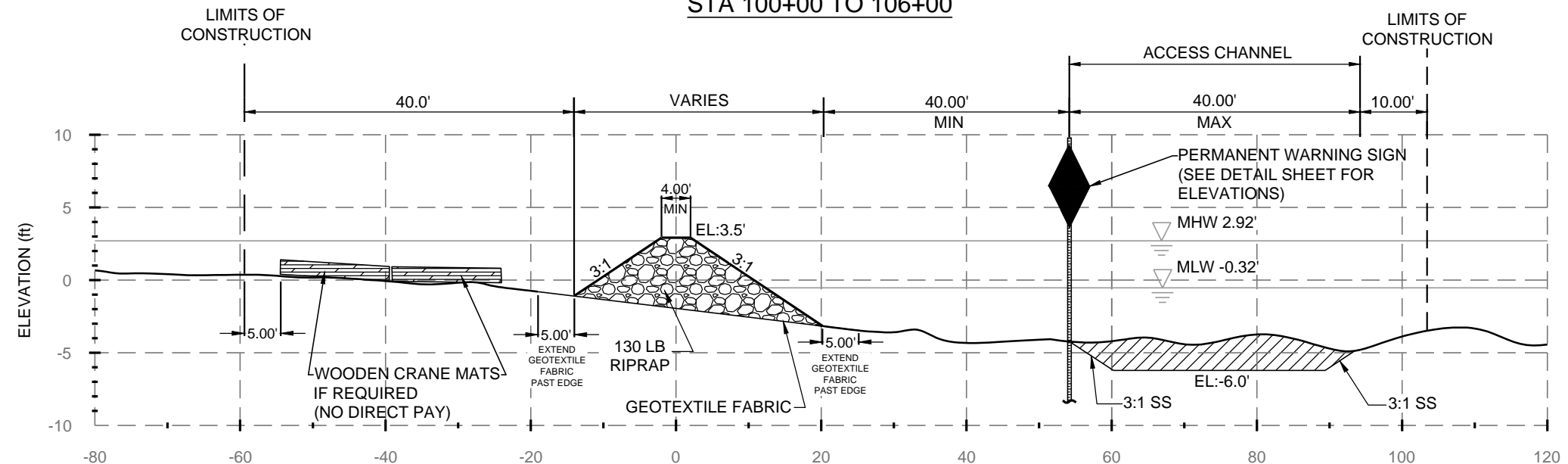
APPROVED BY: JRS

SITE PLAN

DATE: NOVEMBER 2015

SHEET 3 OF 18

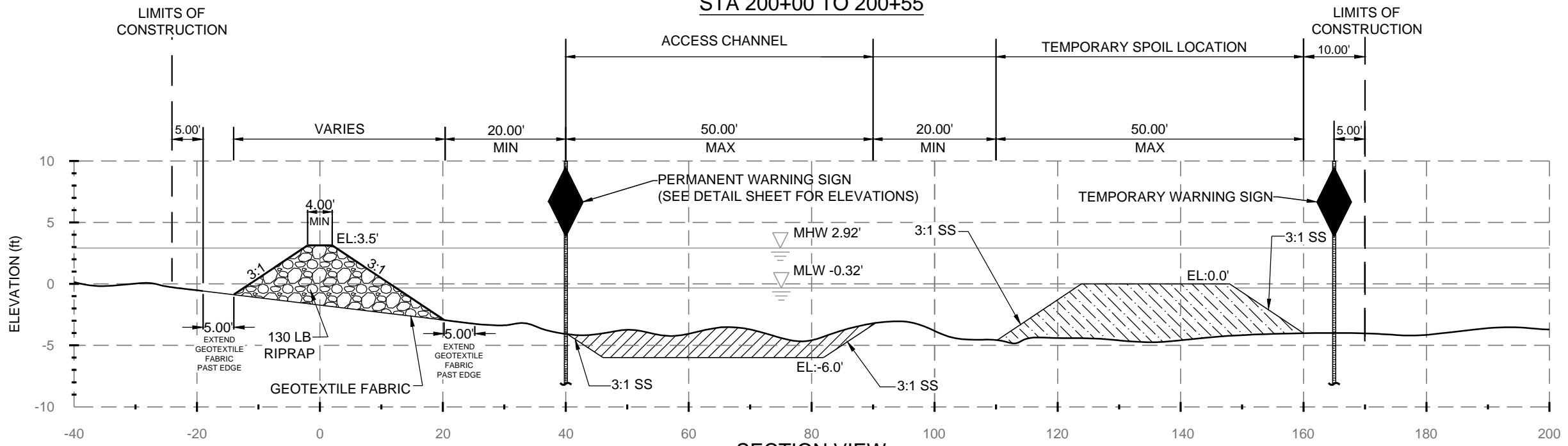
TYPICAL SECTION
ROCK DIKE A
STA 100+00 TO 106+00



LEGEND	
	WOODEN MATS
	PROPOSED ROCK DIKE
	PROPOSED ACCESS CHANNEL
	TEMPORARY SPOIL LOCATION
	WARNING SIGN
	EXISTING PROFILE
	GEOTEXTILE FABRIC
	MEAN HIGH/LOW WATER LEVEL

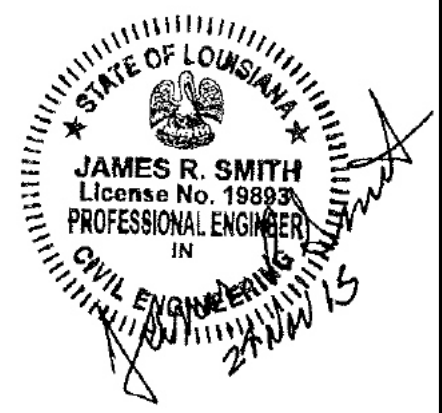
SECTION VIEW

TYPICAL SECTION
ROCK DIKE A
STA 200+00 TO 200+55



SECTION VIEW

OFFSET (ft)
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=10'
(11"X 17")



REV.	DATE	DESCRIPTION	BY

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COASTAL PROTECTION AND RESTORATION AUTHORITY
OPERATIONS DIVISION
450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70801

DRAWN BY: SRH DESIGNED BY: SRH

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2015 MAINTENANCE PROJECT

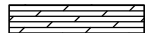

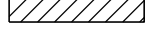
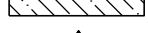




STATE PROJECT NUMBER: BA-02
FEDERAL PROJECT NUMBER: BA-02

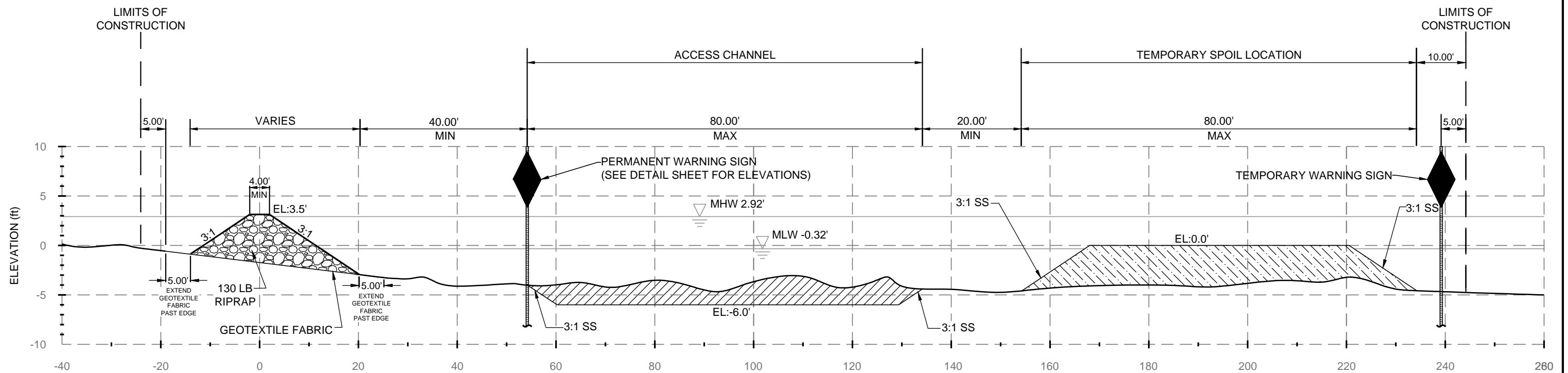
APPROVED BY: JRS

DREDGE TYPICAL SECTION ROCK DIKE A:
STA 100+00 TO 106+00 AND
STA 200+00 TO 200+55

DATE: NOVEMBER 2015
SHEET 4 OF 18

TYPICAL SECTION ROCK DIKE: STA 106+01 TO 117+31

LEGEND	
	WOODEN MATS
	PROPOSED ROCK DIKE
	PROPOSED ACCESS CHANNEL
	TEMPORARY SPOIL LOCATION
	WARNING SIGN
	EXISTING PROFILE
	GEOTEXTILE FABRIC
	MEAN HIGH/LOW WATER LEVEL

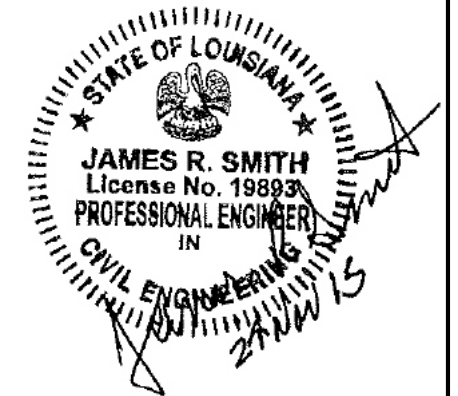


OFFSET (ft)
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=10'
(11"X 17")

SECTION VIEW

NOTES:

- CONTRACTOR SHALL INSTALL PERMANENT WARNING SIGNS ADJACENT TO SHORE UPON ROCK DIKE'S COMPLETION. THE SIGNS SHOULD BE INSTALLED 40 FEET FROM THE TOE OF THE ROCK DIKE ALONG 200 FOOT INTERVALS. THE TEMPORARY WARNING SIGNS MAY BE REUSED FOR THIS PURPOSE IF FOUND TO BE IN ACCEPTABLE ORDER BY THE OWNER.



REV.	DATE	DESCRIPTION	BY



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www.stanleyconsultants.com

COASTAL PROTECTION AND RESTORATION AUTHORITY
OPERATIONS DIVISION

450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70801

DRAWN BY: SRH

DESIGNED BY: SRH

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2015 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

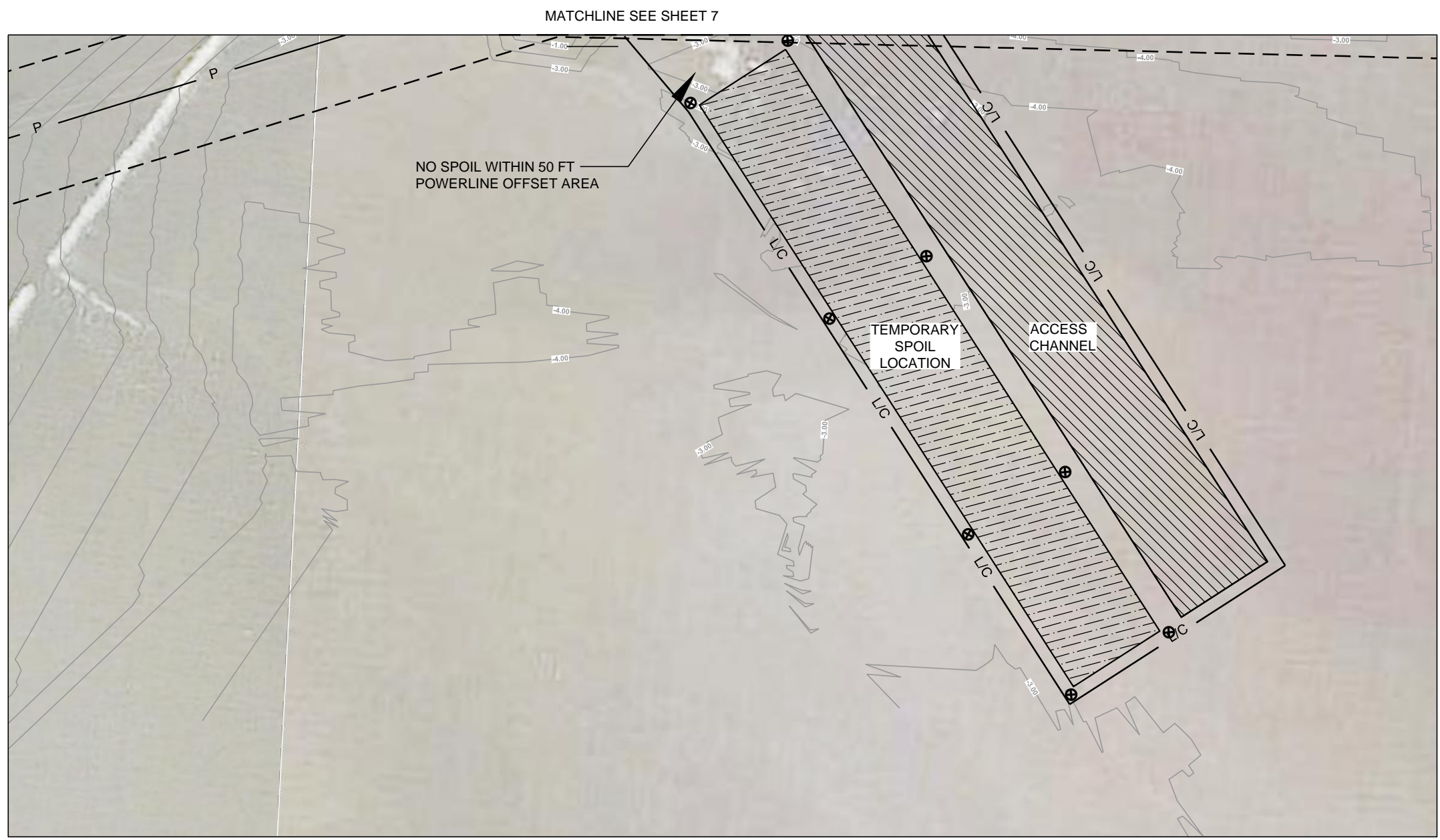
FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JRS

DREDGE TYPICAL
SECTION ROCK DIKE B:
STA 106+01 TO 117+31

DATE: NOVEMBER 2015

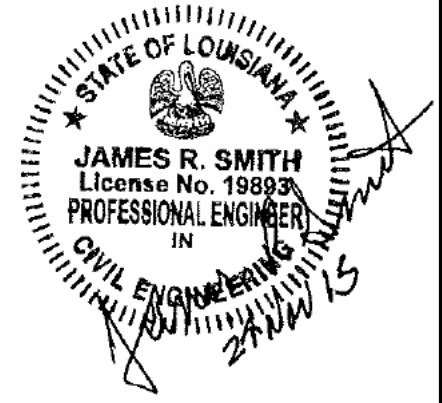
SHEET 5 OF 18



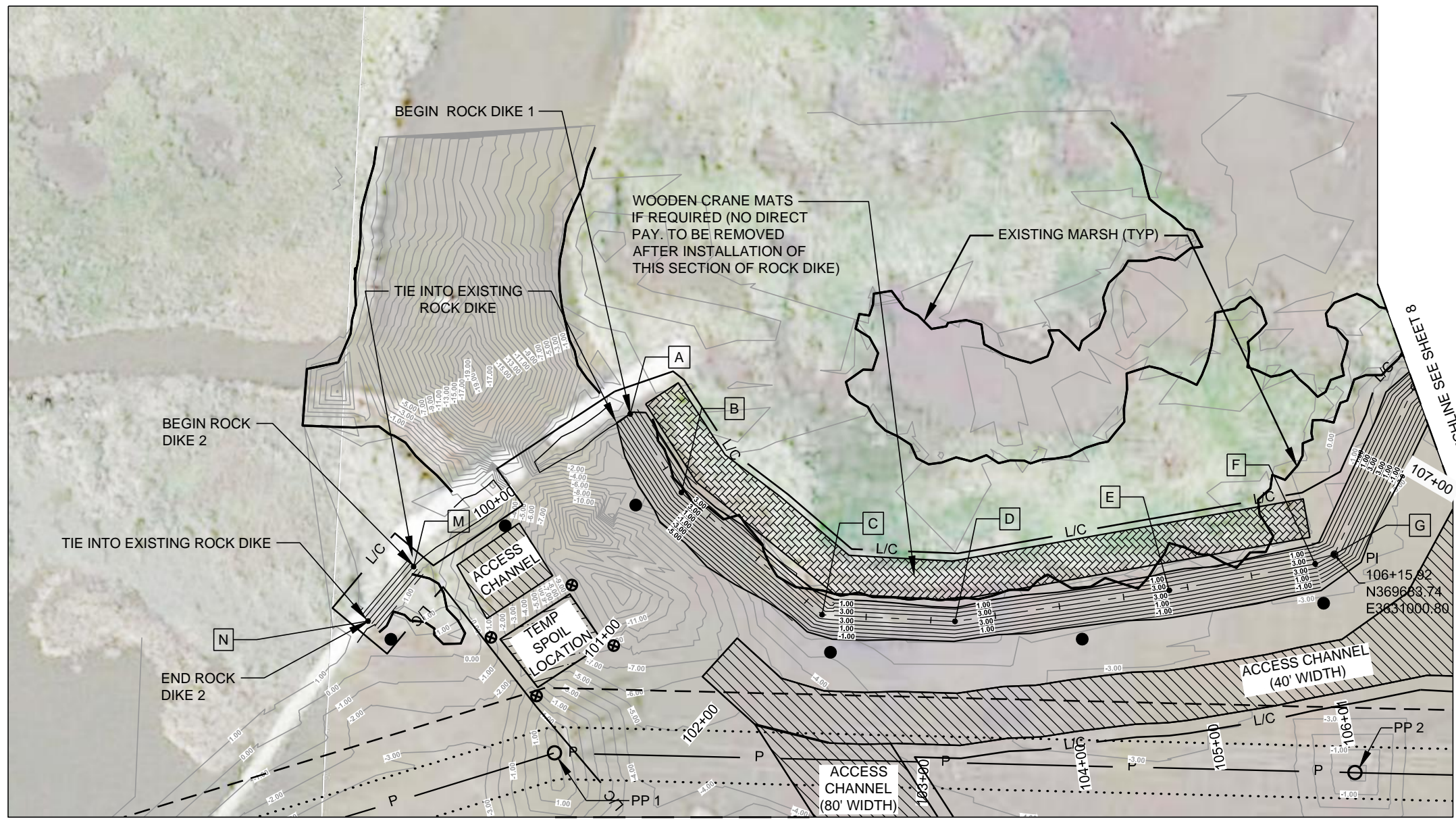
LEGEND	
	EXISTING MARSH BANK
	EXISTING SURFACE CONTOURS
	ROCK DIKE CONTOURS
	ROCK DIKE ALIGNMENT
	SECTION LINES
	POWER LINES
	SURVEYED POWER POLE
	20 FT VERTICAL AND HORIZONTAL CLEARANCE
	50 FT ENERGY POWER LINE RIGHT OF WAY
	LIMITS OF CONSTRUCTION
	PERMANENT WARNING SIGNS
	TEMPORARY WARNING SIGNS
	PROPOSED ACCESS CHANNEL
	TEMPORARY SPOIL LOCATION
	WOODEN CRANE MATS (NO DIRECT PAY)

ACCESS DREDGE A
SCALE: 1"= 100' (11"X 17")

- NOTES:**
1. THE END COORDINATES OF THE PROPOSED ROCK DIKES ARE APPROXIMATE. THE ACTUAL ENDS MAY BE ADJUSTED IN FIELD BY ENGINEER TO COMPLETELY PROTECT THE SHORE LINE.
 2. LOCATIONS OF PERMANENT WARNING SIGNS MAY BE ADJUSTED IN THE FIELD BY ENGINEER.
 3. SEE SHEET 7 FOR ADDITIONAL ROCK DIKE ALIGNMENT INFORMATION.



		 Stanley Consultants Inc. 225 Iowa Avenue, Muscatine, Iowa 52761-3764 www.stanleyconsultants.com	COASTAL PROTECTION AND RESTORATION AUTHORITY OPERATIONS DIVISION 450 LAUREL STREET, SUITE 1200 BATON ROUGE, LOUISIANA 70801		GIWW TO CLOVELLY HYDROLOGIC RESTORATION 2015 MAINTENANCE PROJECT		ACCESS DREDGE A	
REV.	DATE		DESCRIPTION	BY	DRAWN BY: SRH	DESIGNED BY: SRH	STATE PROJECT NUMBER: BA-02 FEDERAL PROJECT NUMBER: BA-02 APPROVED BY: JRS	



LEGEND

- EXISTING MARSH BANK
- EXISTING SURFACE CONTOURS
- ROCK DIKE CONTOURS
- ROCK DIKE ALIGNMENT
- SECTION LINES
- POWER LINES
- SURVEYED POWER POLE
- 20 FT VERTICAL AND HORIZONTAL CLEARANCE
- 50 FT ENERGY POWER LINE RIGHT OF WAY
- LIMITS OF CONSTRUCTION
- PERMANENT WARNING SIGNS
- TEMPORARY WARNING SIGNS
- PROPOSED ACCESS CHANNEL
- TEMPORARY SPOIL LOCATION
- WOODEN CRANE MATS (NO DIRECT PAY)

ROCK DIKE 1 POINT TABLE

POINT	STATION	NORTHING	EASTING
A	100+00.00	369140.81	3630892.44
B	100+72.29	369180.21	3630953.04
C	102+15.98	369288.73	3631047.23
D	103+18.66	369391.28	3631052.42
E	104+85.62	369556.52	3631028.54
F	106+00.87	369669.91	3631007.92
G	106+15.92	369683.74	3631000.80

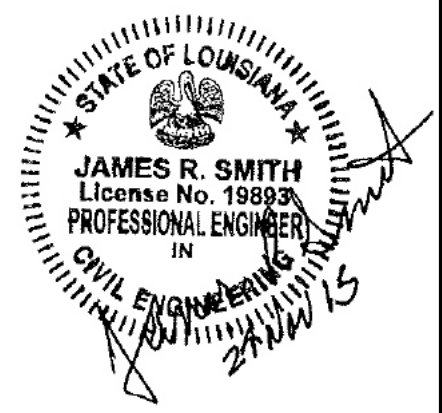
ROCK DIKE 2 POINT TABLE

POINT	STATION	NORTHING	EASTING
M	200+00.00	368973.86	3631009.82
N	200+54.79	368938.71	3631051.86

MATCHLINE SEE SHEET 6
PLAN VIEW A
 SCALE: 1"= 100' (11"X 17")

NOTES:

- THE END COORDINATES OF THE PROPOSED ROCK DIKES ARE APPROXIMATE. THE ACTUAL ENDS MAY BE ADJUSTED IN FIELD BY ENGINEER TO COMPLETELY PROTECT THE SHORE LINE.
- LOCATIONS OF PERMANENT WARNING SIGNS MAY BE ADJUSTED IN THE FIELD BY ENGINEER.
- SEE SHEET 8 FOR ADDITIONAL ROCK DIKE ALIGNMENT INFORMATION.
- THE CONTRACTOR MAY INSTALL THE DIKE FROM STATION 100+00 TO 106+00 USING EITHER THE ACCESS CHANNEL OR CRANE MATS AT HIS OPTION.
- IF THE POWERLINE CANNOT BE DE-ENERGIZED BETWEEN STATIONS 106+00 AND 117+31 AND STATIONS 200+00 TO 200+55, THE CONTRACTOR SHALL INSTALL THE DIKE USING CRANE MATS.



REV.	DATE	DESCRIPTION	BY

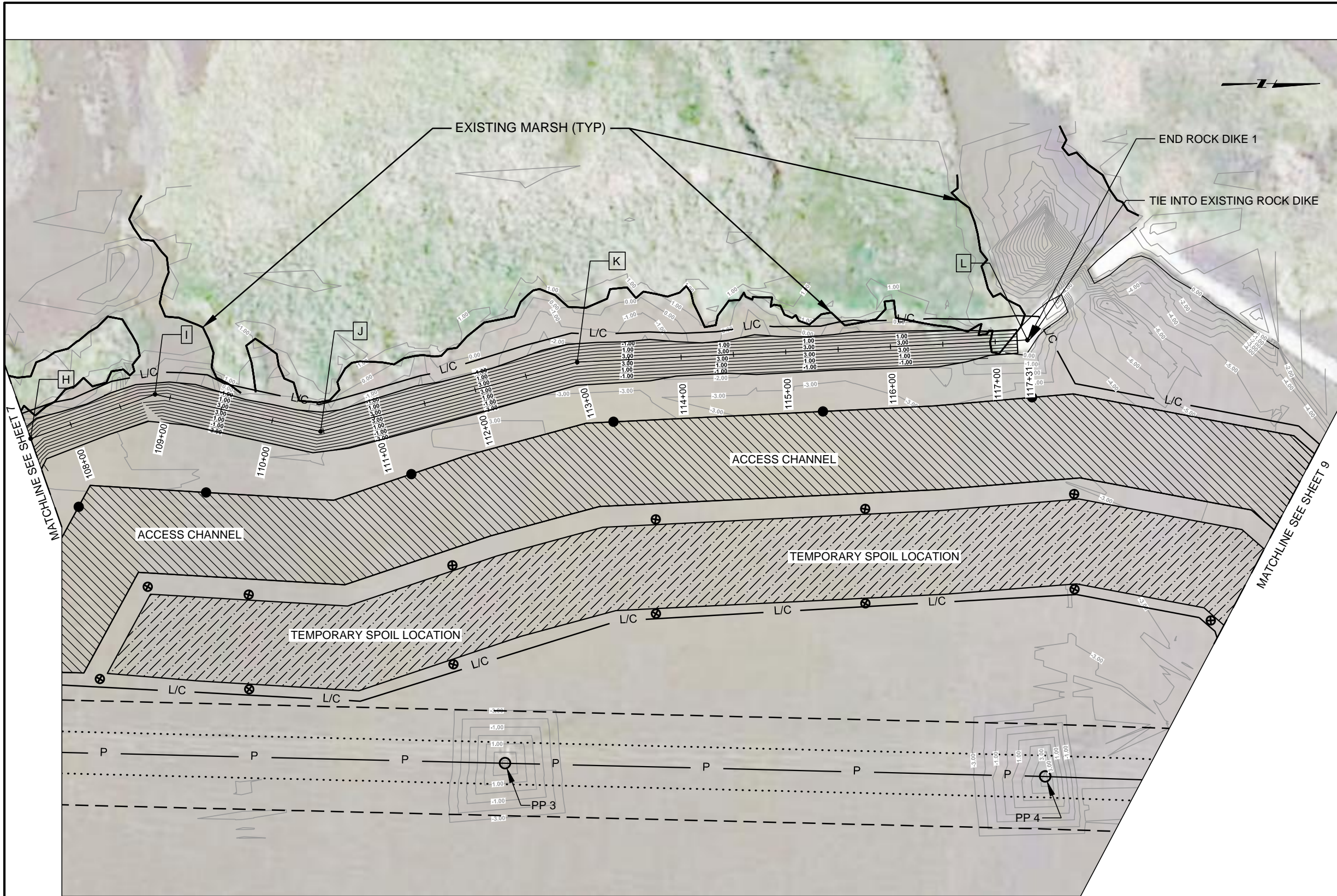

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**COASTAL PROTECTION AND RESTORATION AUTHORITY
 OPERATIONS DIVISION**
 450 LAUREL STREET, SUITE 1200
 BATON ROUGE, LOUISIANA 70801

DRAWN BY: SRH DESIGNED BY: SRH

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2015 MAINTENANCE PROJECT
 STATE PROJECT NUMBER: BA-02
 FEDERAL PROJECT NUMBER: BA-02
 APPROVED BY: JRS

PLAN VIEW A
 100+00 TO 107+00 AND
 200+00 TO 200+55
 DATE: NOVEMBER 2015
 SHEET 7 OF 18



LEGEND

- EXISTING MARSH BANK
- EXISTING SURFACE CONTOURS
- ROCK DIKE CONTOURS
- ROCK DIKE ALIGNMENT
- SECTION LINES
- POWER LINES
- SURVEYED POWER POLE
- 20 FT VERTICAL AND HORIZONTAL CLEARANCE
- 50 FT ENERGY POWER LINE RIGHT OF WAY
- LIMITS OF CONSTRUCTION
- PERMANENT WARNING SIGNS
- TEMPORARY WARNING SIGNS
- PROPOSED ACCESS CHANNEL
- TEMPORARY SPOIL LOCATION
- WOODEN CRANE MATS (NO DIRECT PAY)

ROCK DIKE 1 POINT TABLE (CON'T)

POINT	STATION	NORTHING	EASTING
H	107+59.29	369745.49	3630871.41
I	108+85.28	369864.16	3630829.09
J	110+47.22	370022.17	3630864.54
K	113+00.81	370266.97	3630798.35
L	117+30.85	370696.50	3630777.23

PLAN VIEW B
SCALE: 1"= 100' (11"X 17")

NOTES:

1. THE END COORDINATES OF THE PROPOSED ROCK DIKES ARE APPROXIMATE. THE ACTUAL ENDS MAY BE ADJUSTED IN FIELD TO COMPLETELY PROTECT THE SHORE LINE.
2. LOCATIONS OF PERMANENT WARNING SIGNS MAY BE ADJUSTED IN THE FIELD BY ENGINEER.

REV.	DATE	DESCRIPTION	BY



225 Iowa Avenue, Muscatine, Iowa 52761-3764
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**COASTAL PROTECTION AND RESTORATION AUTHORITY
OPERATIONS DIVISION**

450 LAUREL STREET, SUITE 1200
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DESIGNED BY: SRH

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2015 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

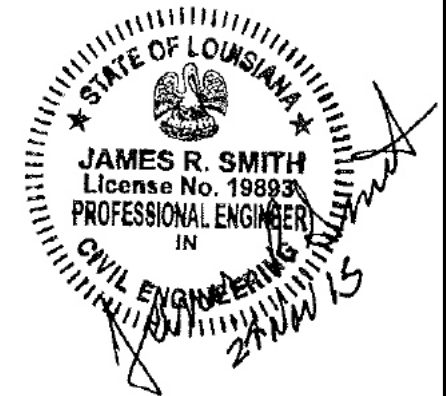
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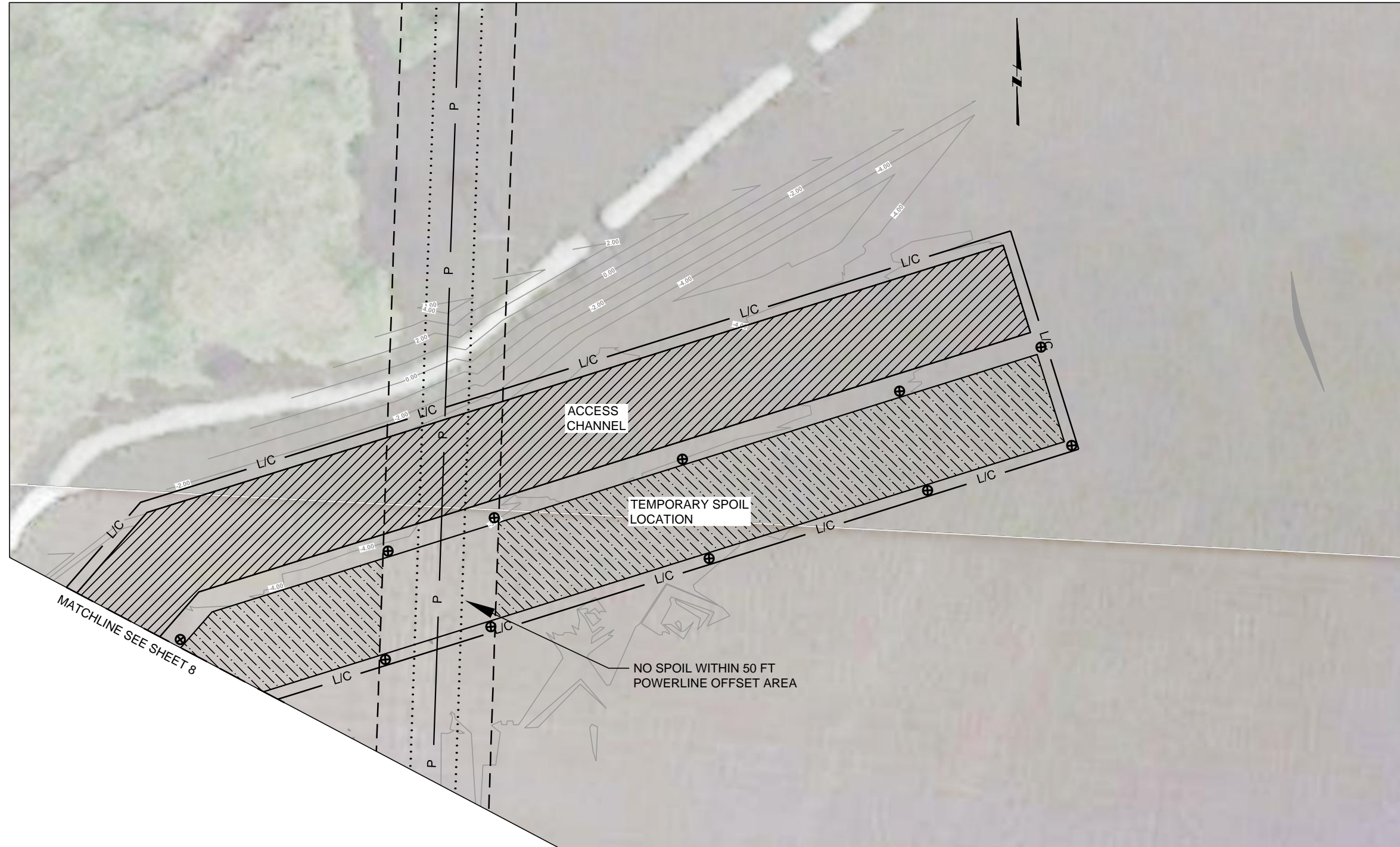
APPROVED BY: JRS

PLAN VIEW B
107+00 TO 117+31

DATE: NOVEMBER 2015

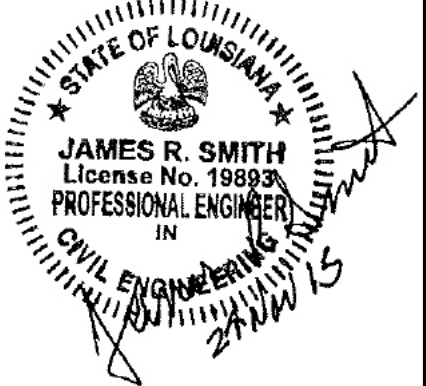
SHEET 8 OF 18





LEGEND	
	EXISTING MARSH BANK
	EXISTING SURFACE CONTOURS
	ROCK DIKE CONTOURS
	ROCK DIKE ALIGNMENT
	SECTION LINES
	POWER LINES
	SURVEYED POWER POLE
	20 FT VERTICAL AND HORIZONTAL CLEARANCE
	50 FT ENTERGY POWER LINE RIGHT OF WAY
	LIMITS OF CONSTRUCTION
	PERMANENT WARNING SIGNS
	TEMPORARY WARNING SIGNS
	PROPOSED ACCESS CHANNEL
	TEMPORARY SPOIL LOCATION
	WOODEN CRANE MATS (NO DIRECT PAY)

ACCESS DREDGE B
SCALE: 1"= 100' (11"X 17")



NOTES:

1. THE END COORDINATES OF THE PROPOSED ROCK DIKES ARE APPROXIMATE. THE ACTUAL ENDS MAY BE ADJUSTED IN FIELD TO COMPLETELY PROTECT THE SHORE LINE.
2. LOCATIONS OF PERMANENT WARNING SIGNS MAY BE ADJUSTED IN THE FIELD BY ENGINEER.

REV.	DATE	DESCRIPTION	BY



**COASTAL PROTECTION AND RESTORATION AUTHORITY
OPERATIONS DIVISION**

450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70801

DRAWN BY: SRH

DESIGNED BY: SRH

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2015 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02





APPROVED BY: JRS

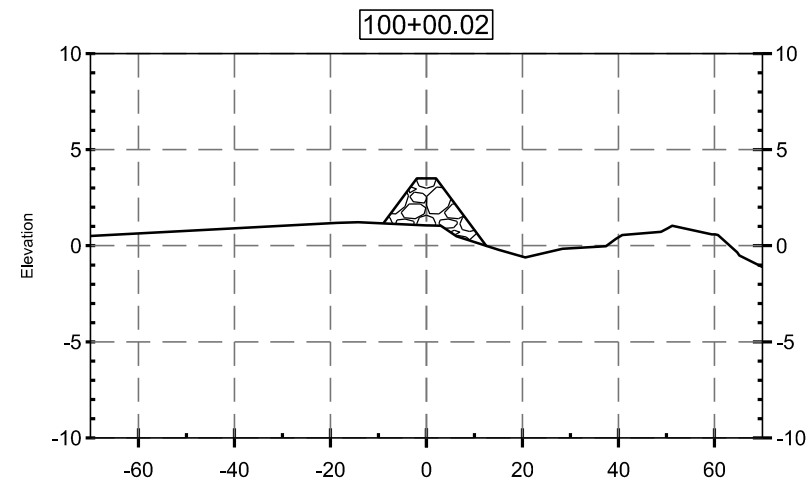
ACCESS DREDGE B

DATE: NOVEMBER 2015

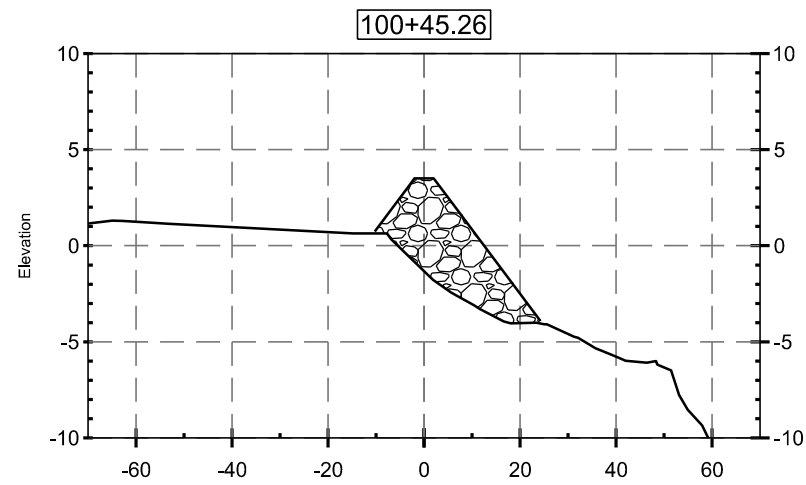
SHEET 9 OF 18

LEGEND

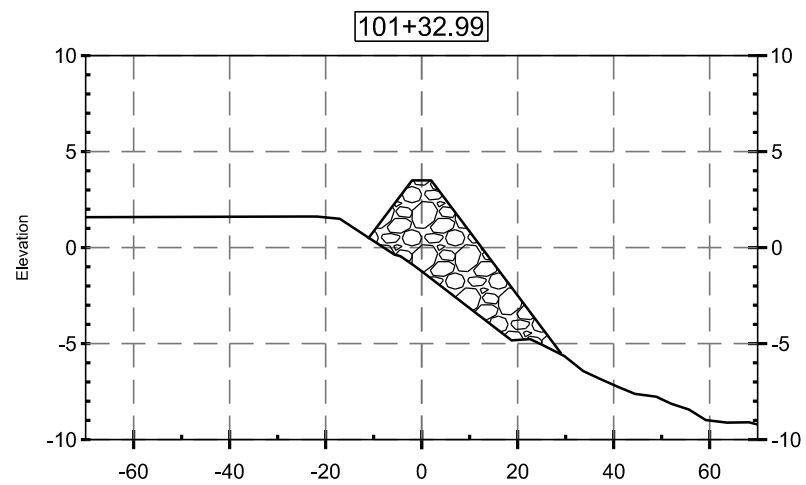
-  EXISTING PROFILE
-  PROPOSED ROCK DIKE
-  PROPOSED EXCAVATION AREA
-  TEMPORARY SPOIL LOCATION



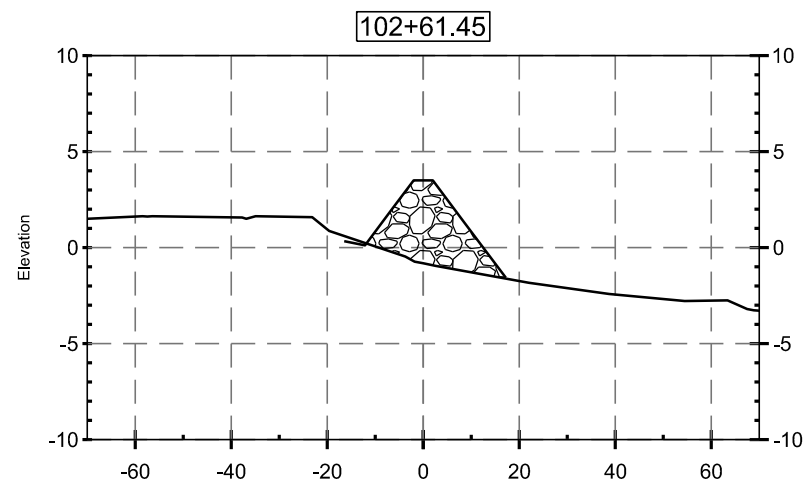
100+00.02
 CROSS SECTION
 HORIZONTAL SCALE: 1"=40'
 VERTICAL SCALE: 1"=10'
 (11"X 17")



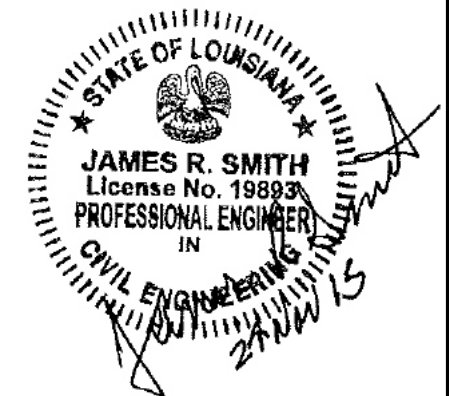
100+45.26
 CROSS SECTION
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 VERTICAL SCALE: 1"=10'
 (11"X 17")



101+32.99
 CROSS SECTION
 HORIZONTAL SCALE: 1"=40'
 VERTICAL SCALE: 1"=10'
 (11"X 17")



102+61.45
 CROSS SECTION
 HORIZONTAL SCALE: 1"=40'
 VERTICAL SCALE: 1"=10'
 (11"X 17")



REV.	DATE	DESCRIPTION	BY



Stanley Consultants Inc.
 225 Iowa Avenue, Muscatine, Iowa 52761-3764
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COASTAL PROTECTION AND RESTORATION AUTHORITY
 OPERATIONS DIVISION

450 LAUREL STREET, SUITE 1200
 BATON ROUGE, LOUISIANA 70801

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GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2015 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02





APPROVED BY: JRS

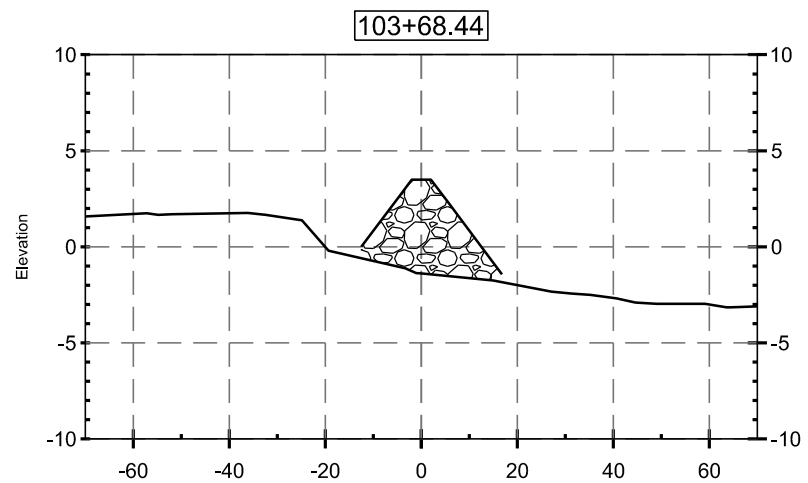
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DATE: NOVEMBER 2015

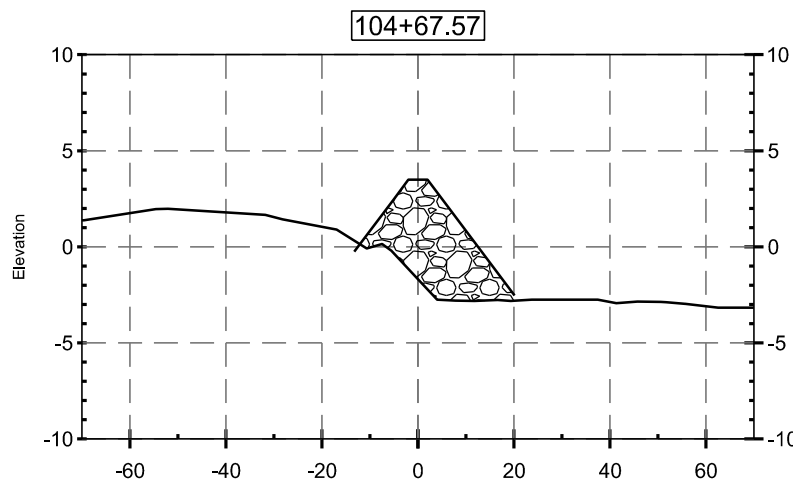
SHEET 10 OF 18

LEGEND

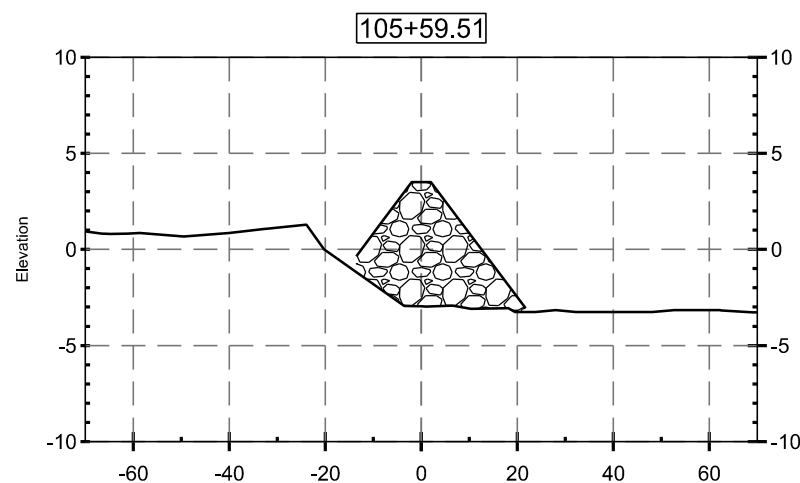
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-  PROPOSED ROCK DIKE
-  PROPOSED EXCAVATION AREA
-  TEMPORARY SPOIL LOCATION



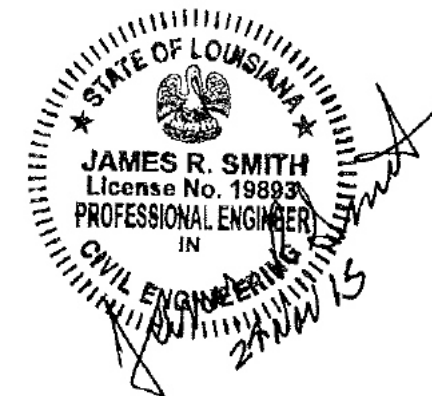
CROSS SECTION
HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=10'
(11"X 17")



CROSS SECTION
HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=10'
(11"X 17")



CROSS SECTION
HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=10'
(11"X 17")



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GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2015 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02


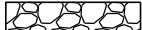


APPROVED BY: JRS

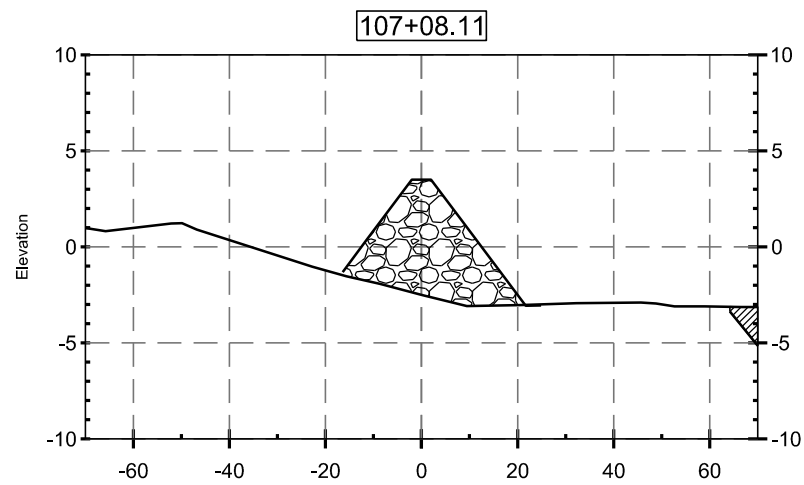
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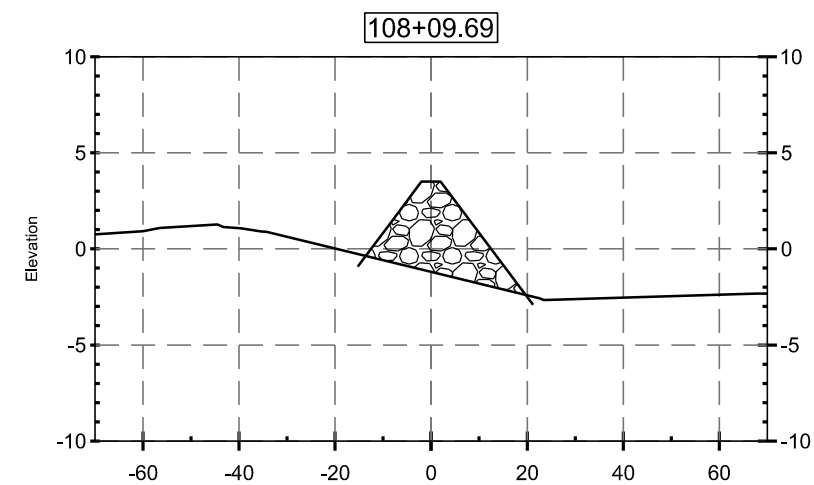
SHEET 11 OF 18

LEGEND

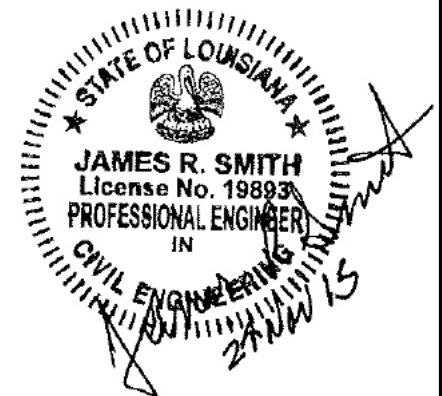
-  EXISTING PROFILE
-  PROPOSED ROCK DIKE
-  PROPOSED EXCAVATION AREA
-  TEMPORARY SPOIL LOCATION



107+08.11
 CROSS SECTION
 HORIZONTAL SCALE: 1"=40'
 VERTICAL SCALE: 1"=10'
 (11"X 17")



108+09.69
 CROSS SECTION
 HORIZONTAL SCALE: 1"=40'
 VERTICAL SCALE: 1"=10'
 (11"X 17")



REV.	DATE	DESCRIPTION	BY



COASTAL PROTECTION AND RESTORATION AUTHORITY
 OPERATIONS DIVISION

450 LAUREL STREET, SUITE 1200
 BATON ROUGE, LOUISIANA 70801

DRAWN BY: SRH

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GIWW TO CLOVELLY HYDROLOGIC RESTORATION
 2015 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02




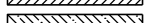
APPROVED BY: JRS

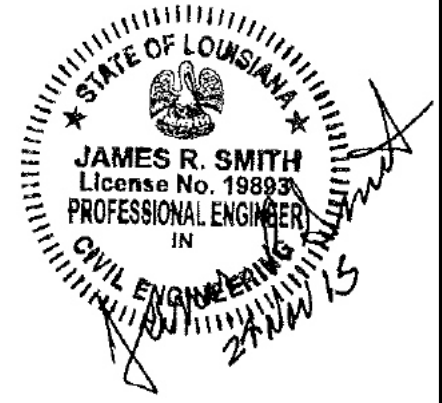
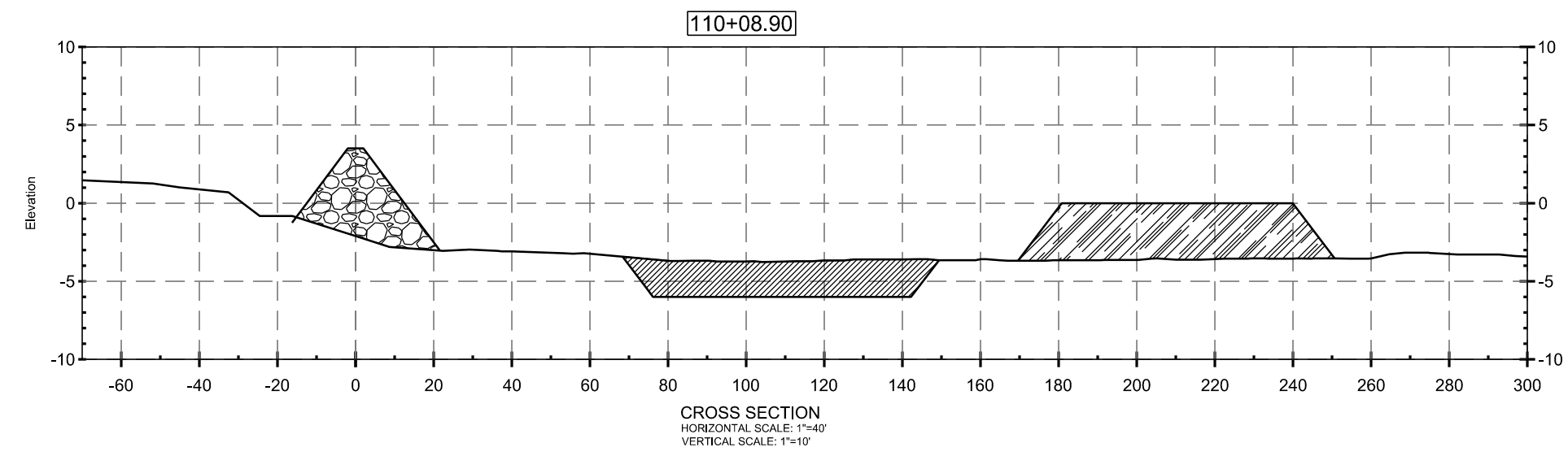
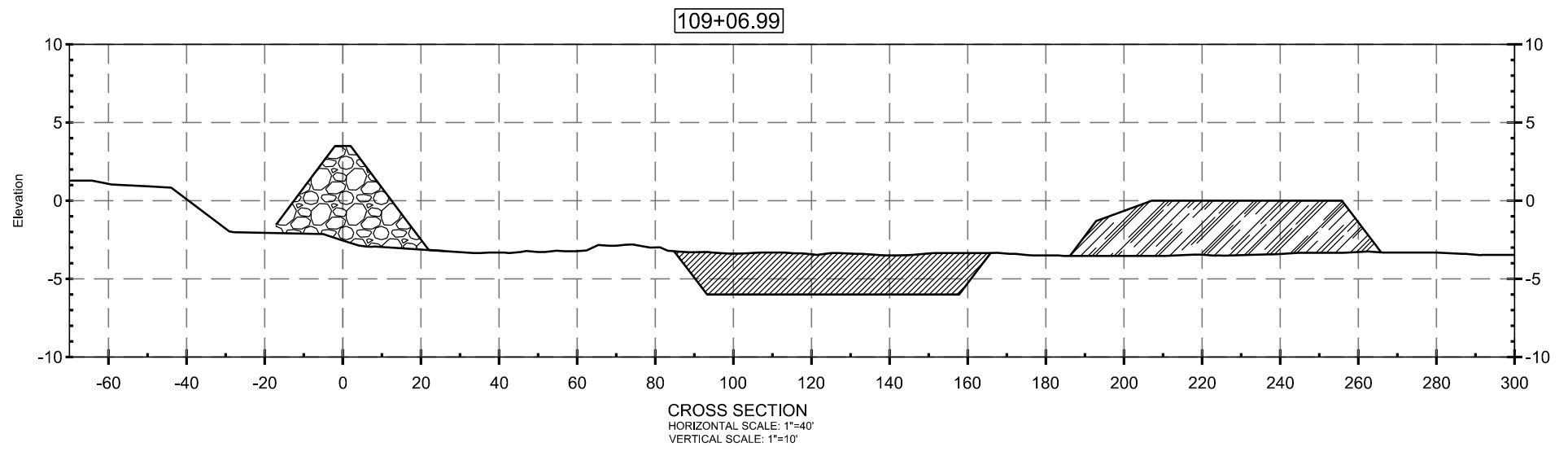
CROSS SECTIONS C

DATE: NOVEMBER 2015

SHEET 12 OF 18

LEGEND

-  EXISTING PROFILE
-  PROPOSED ROCK DIKE
-  PROPOSED EXCAVATION AREA
-  TEMPORARY SPOIL LOCATION



REV.	DATE	DESCRIPTION	BY



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COASTAL PROTECTION AND RESTORATION AUTHORITY
OPERATIONS DIVISION
450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70801

DRAWN BY: SRH DESIGNED BY: SRH





GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2015 MAINTENANCE PROJECT

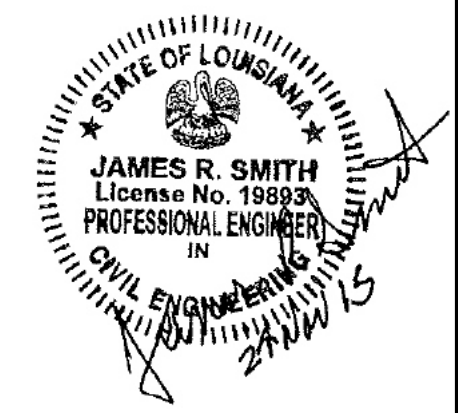
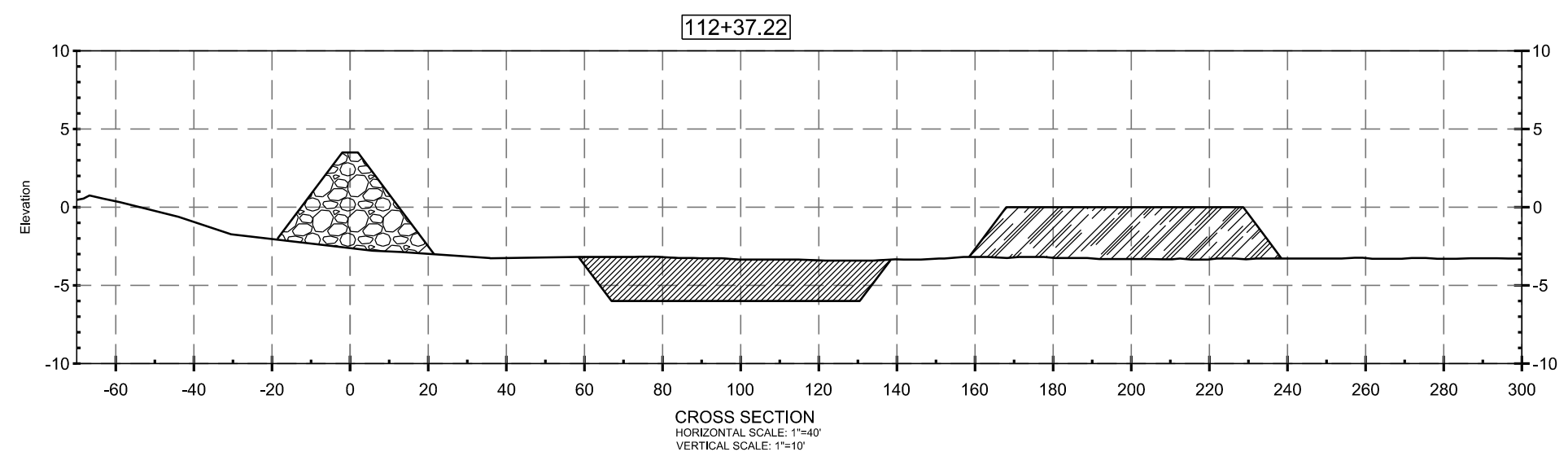
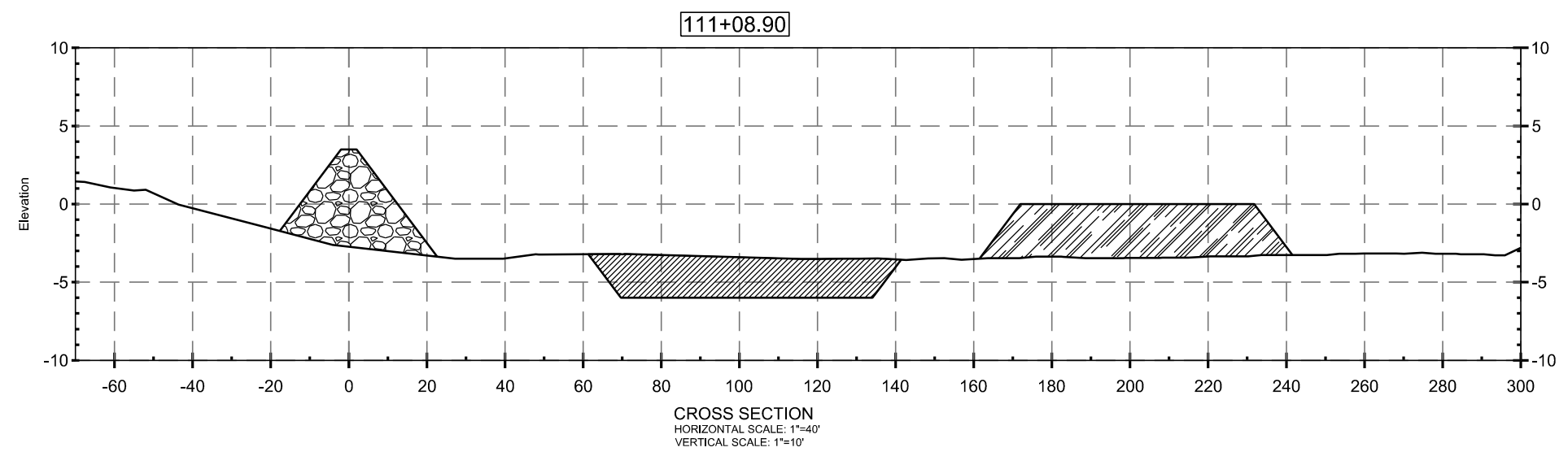
STATE PROJECT NUMBER: BA-02
FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JRS

CROSS SECTIONS D

DATE: NOVEMBER 2015
SHEET 13 OF 18

LEGEND	
	EXISTING PROFILE
	PROPOSED ROCK DIKE
	PROPOSED EXCAVATION AREA
	TEMPORARY SPOIL LOCATION



REV.	DATE	DESCRIPTION	BY



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COASTAL PROTECTION AND RESTORATION AUTHORITY
OPERATIONS DIVISION
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BATON ROUGE, LOUISIANA 70801

DRAWN BY: SRH DESIGNED BY: SRH

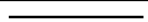

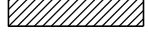
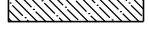
GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2015 MAINTENANCE PROJECT

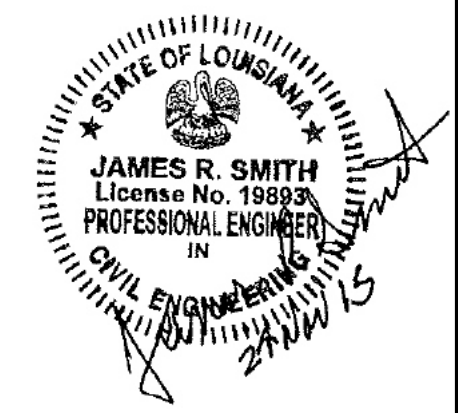
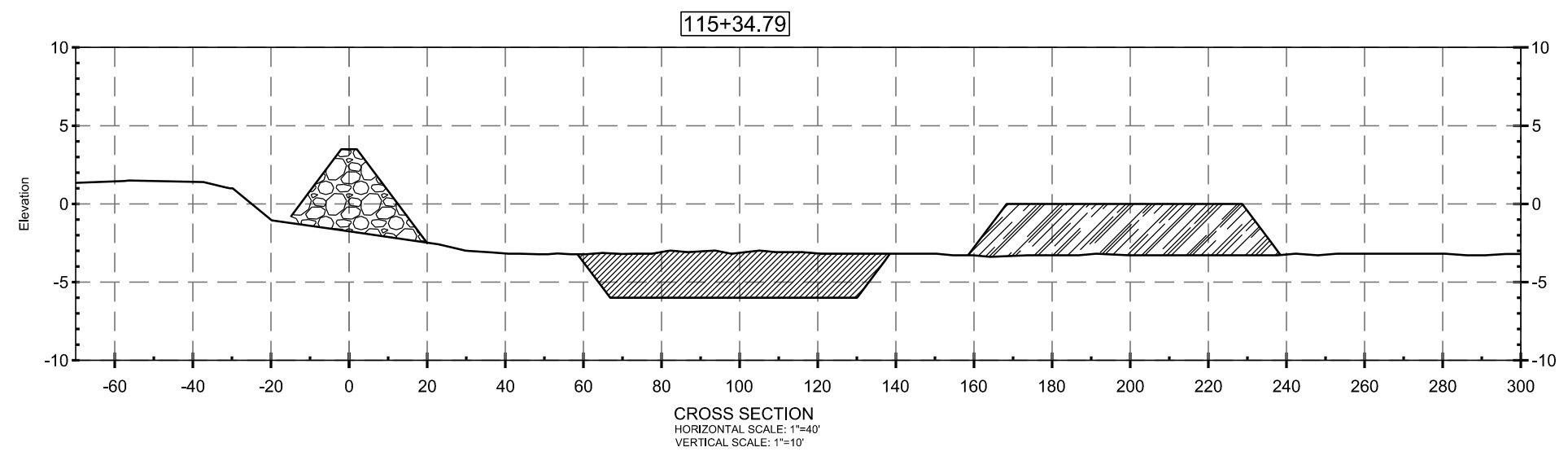
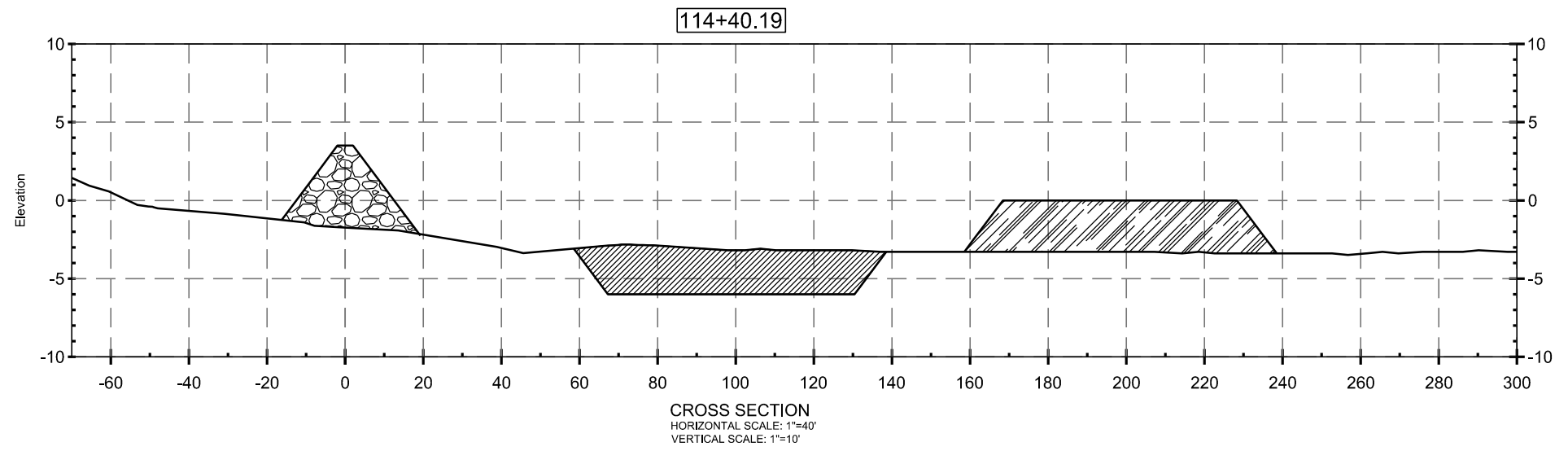
STATE PROJECT NUMBER: BA-02
FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JRS

CROSS SECTIONS E

DATE: NOVEMBER 2015
SHEET 14 OF 18

LEGEND	
	EXISTING PROFILE
	PROPOSED ROCK DIKE
	PROPOSED EXCAVATION AREA
	TEMPORARY SPOIL LOCATION



REV.	DATE	DESCRIPTION	BY



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COASTAL PROTECTION AND RESTORATION AUTHORITY
OPERATIONS DIVISION
450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70801

DRAWN BY: SRH DESIGNED BY: SRH





GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2015 MAINTENANCE PROJECT

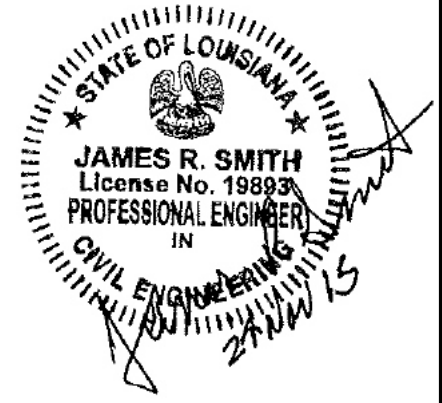
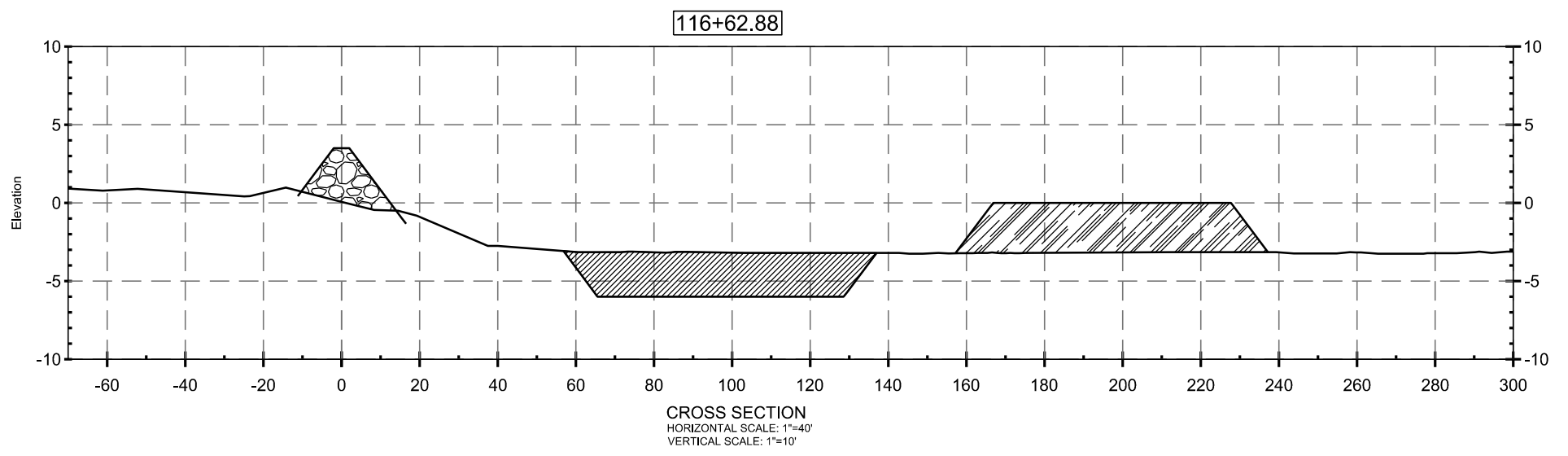
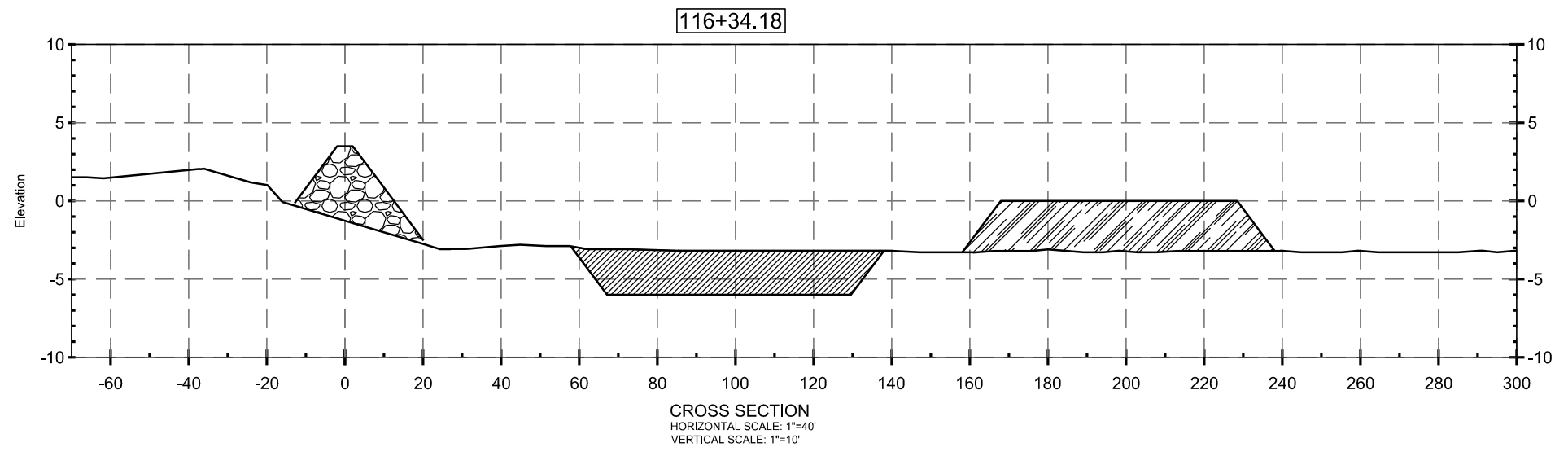
STATE PROJECT NUMBER: BA-02
FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JRS

CROSS SECTIONS F

DATE: NOVEMBER 2015
SHEET 15 OF 18

LEGEND	
	EXISTING PROFILE
	PROPOSED ROCK DIKE
	PROPOSED EXCAVATION AREA
	TEMPORARY SPOIL LOCATION



REV.	DATE	DESCRIPTION	BY



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COASTAL PROTECTION AND RESTORATION AUTHORITY
OPERATIONS DIVISION
450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70801

DRAWN BY: SRH DESIGNED BY: SRH

GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2015 MAINTENANCE PROJECT

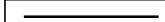



STATE PROJECT NUMBER: BA-02
FEDERAL PROJECT NUMBER: BA-02

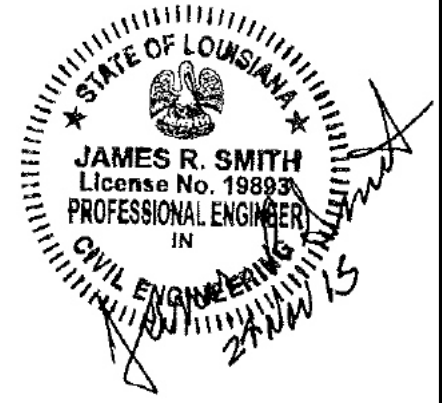
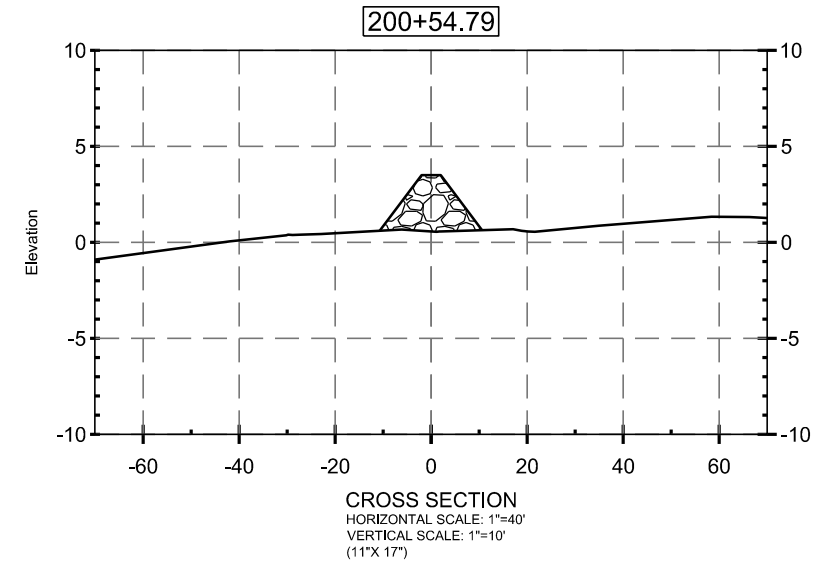
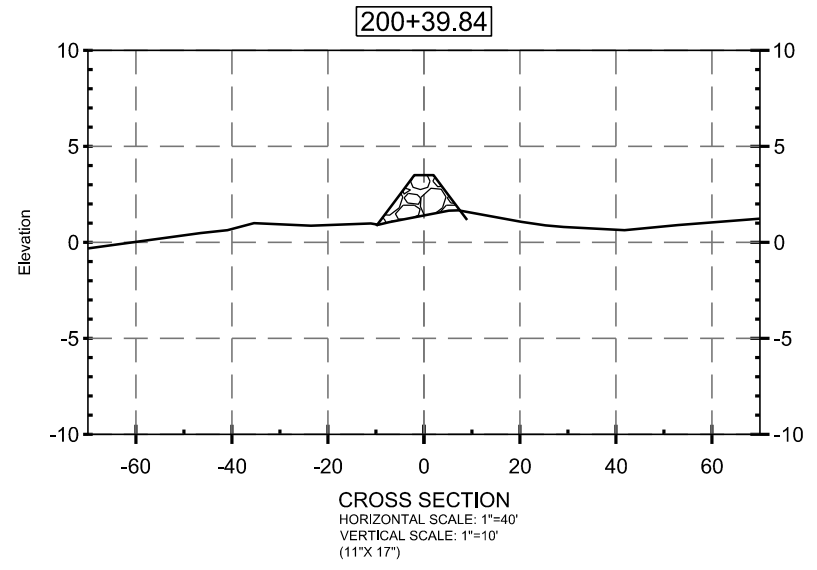
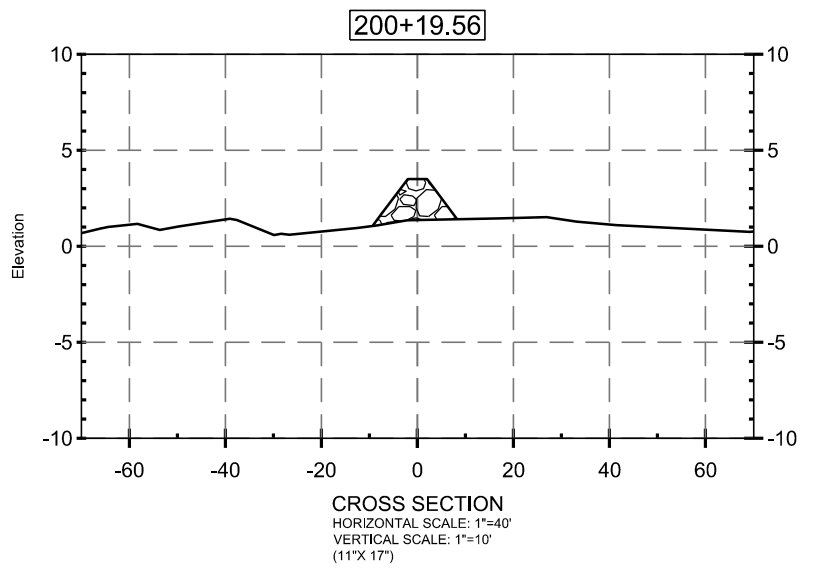
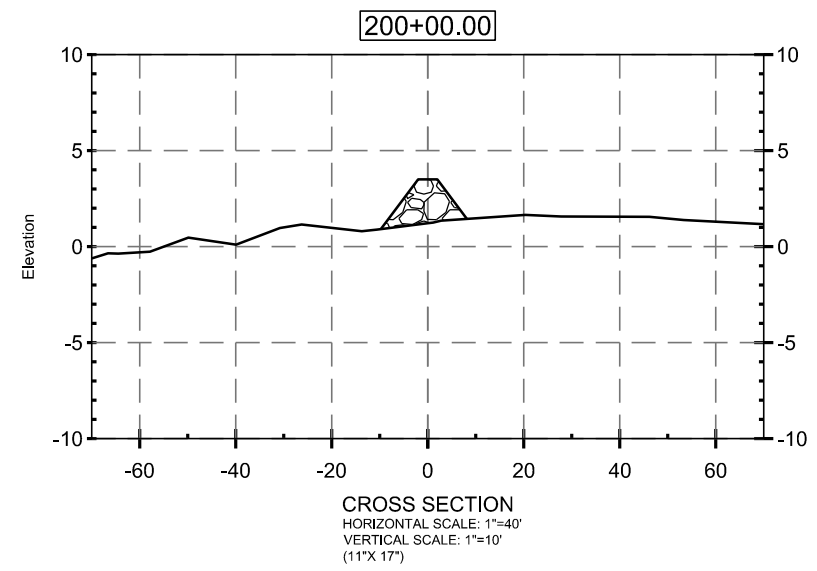
APPROVED BY: JRS

CROSS SECTIONS G

DATE: NOVEMBER 2015
SHEET 16 OF 18

LEGEND

-  EXISTING PROFILE
-  PROPOSED ROCK DIKE
-  PROPOSED EXCAVATION AREA
-  TEMPORARY SPOIL LOCATION



REV.	DATE	DESCRIPTION	BY



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**COASTAL PROTECTION AND RESTORATION AUTHORITY
OPERATIONS DIVISION**

450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70801

DRAWN BY: SRH DESIGNED BY: SRH

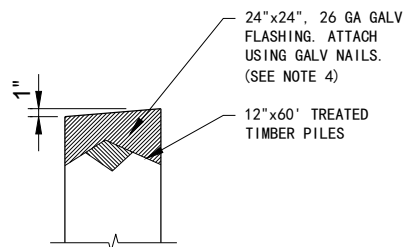
GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2015 MAINTENANCE PROJECT

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

APPROVED BY: JRS

CROSS SECTIONS H

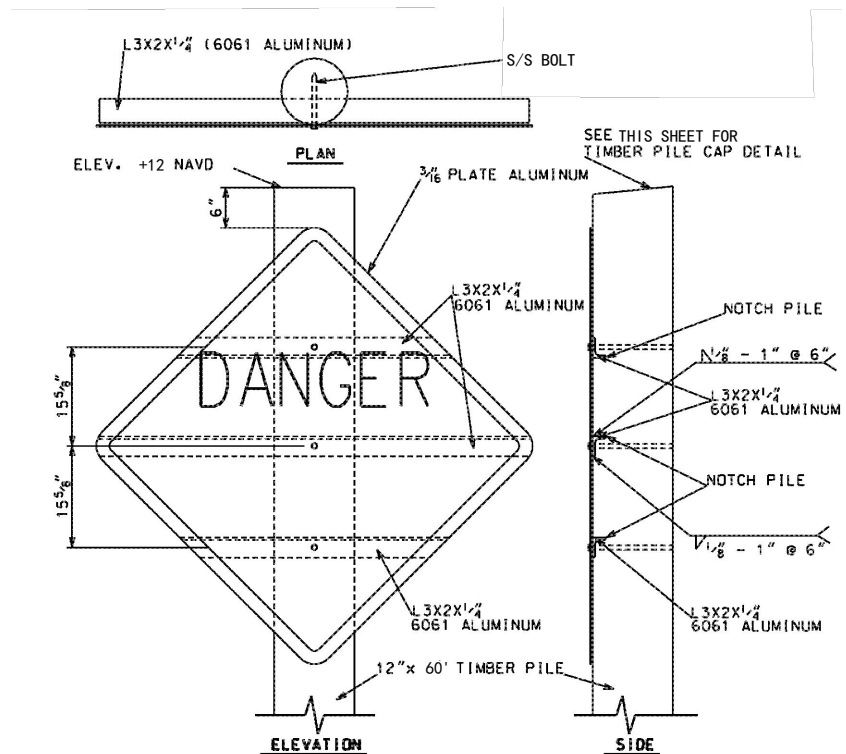
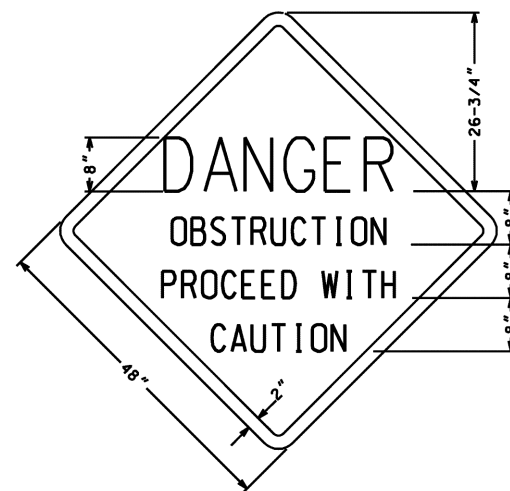
DATE: NOVEMBER 2015
SHEET 17 OF 18



TYPICAL GALVANIZED WOOD PILE CAP
NO SCALE

NOTES:

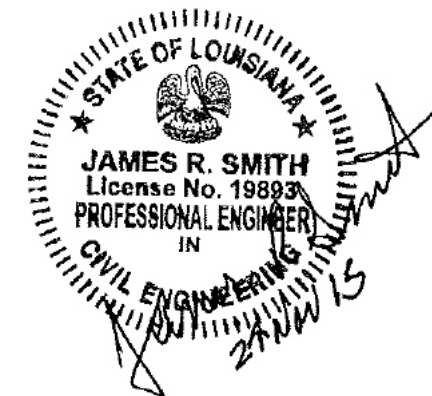
1. CONTRACTOR TO REMOVE AND PROPERLY DISPOSE OF SUBSTRUCTURES FOLLOWING APPLICABLE LAWS.
2. ALL 3/4" DIAMETER ALL-THREAD TIE RODS SHALL BE SECURED BY NOTCHED IN PLACE OGEE WASHERS AND TACK WELDED NUTS.
3. GALVANIZED WOOD PILE CAPS SHALL BE INSTALLED ON EACH PILE AT STRUCTURE .
4. THE TOP OF THE PILES SHALL BE COATED WITH COAL TAR EPOXY PAINT PRIOR TO PLACING CAP.



**SIGN DETAIL - TYPE "A"
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 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.



REV.	DATE	DESCRIPTION	BY



COASTAL PROTECTION AND RESTORATION AUTHORITY
OPERATIONS DIVISION

450 LAUREL STREET, SUITE 1200
BATON ROUGE, LOUISIANA 70801

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GIWW TO CLOVELLY HYDROLOGIC RESTORATION
2015 MAINTENANCE PROJECT

STATE PROJECT NUMBER: BA-02

FEDERAL PROJECT NUMBER: BA-02

APPROVED BY: JRS

NAVIGATIONAL AID
DETAILS

DATE: NOVEMBER 2015

SHEET 18 OF 18