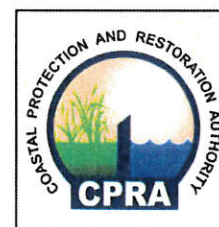
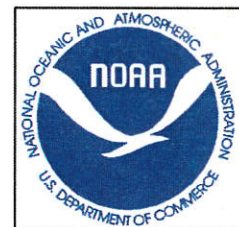
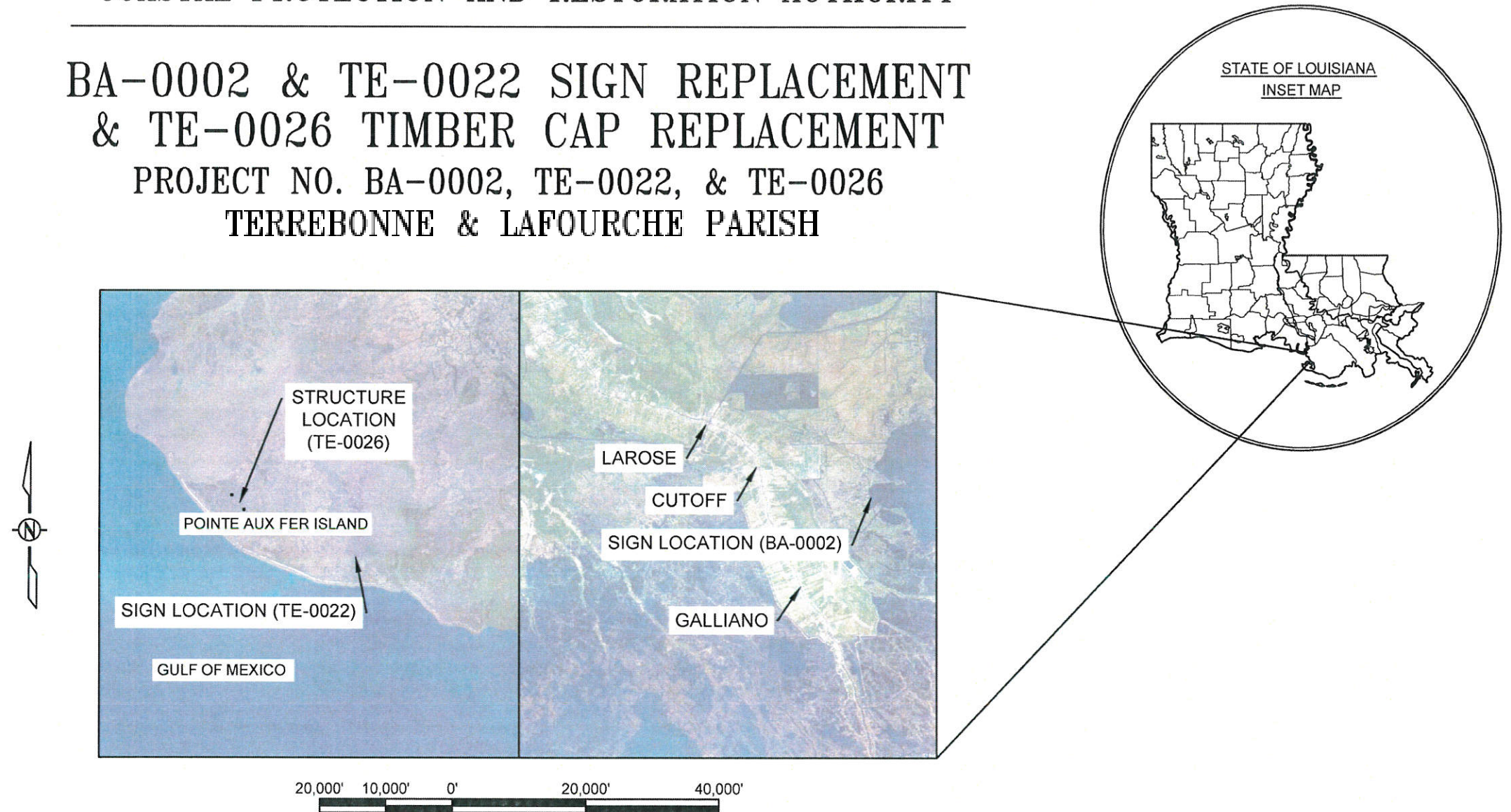


INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	GENERAL NOTES
3	SIGN DETAILS (BA-0002)
4	SIGN MAP (BA-0002)
5	SIGN PICTURES (BA-0002)
6	SIGN DETAILS (TE-0022)
7	STRUCTURES MAP (TE-0022)
8	SIGN PICTURES (TE-0022)
9	SIGN PICTURES (TE-0022)
10	TIMBER PILE CAP DETAILS (TE-0026)
11	STRUCTURE MAP (TE-0026)
12	STRUCTURE PICTURES (TE-0026)

STATE OF LOUISIANA  
COASTAL PROTECTION AND RESTORATION AUTHORITY

BA-0002 & TE-0022 SIGN REPLACEMENT  
& TE-0026 TIMBER CAP REPLACEMENT  
PROJECT NO. BA-0002, TE-0022, & TE-0026  
TERREBONNE & LAFOURCHE PARISH



*[Signature]*  
ASSISTANT ADMINISTRATOR, OPERATIONS DIVISION

*[Signature]*  
REGIONAL MANAGER, OPERATIONS DIVISION

*[Signature]*  
PROJECT ENGINEER, OPERATIONS DIVISION

LICENSURE CLASSIFICATION REQUIREMENTS

CLASSIFICATION III HEAVY CONSTRUCTION

OR

HEAVY CONSTRUCTION, SUBCLASSIFICATION: LANDSCAPING, GRADING & BEAUTIFICATION OR SPECIALTY, SUBCLASSIFICATION: COASTAL RESTORATION & HABITAT ENHANCEMENT OR SPECIALTY, SUBCLASSIFICATION: SEEDING, SODDING, LOAD & SOIL STABILIZATION, EROSION CONTROL, SHEET PILING

F:\ENGINEERING\BASINSITE\TE-22\E - OPERATION AND MAINTENANCE\SIGN REPLACEMENT

				COASTAL PROTECTION AND RESTORATION AUTHORITY 1440 TIGER DRIVE, SUITE B THIBODAUX, LOUISIANA 70301		BA-0002 & TE-0022 SIGN REPLACEMENT & TE-0026 TIMBER CAP REPLACEMENT	TITLE SHEET
				DRAWN BY: B.J.H.		STATE PROJECT NUMBER: BA-0002, TE-0022, TE-0026	
				DESIGNED BY: B.J.H.		FEDERAL PROJECT NUMBER: BA-0002, TE-0022, TE-0026	DATE: 04/10/2017
				APPROVED BY: B.B.			SHEET 1 OF 12
REV	DATE	DESCRIPTION	BY				

GENERAL NOTES

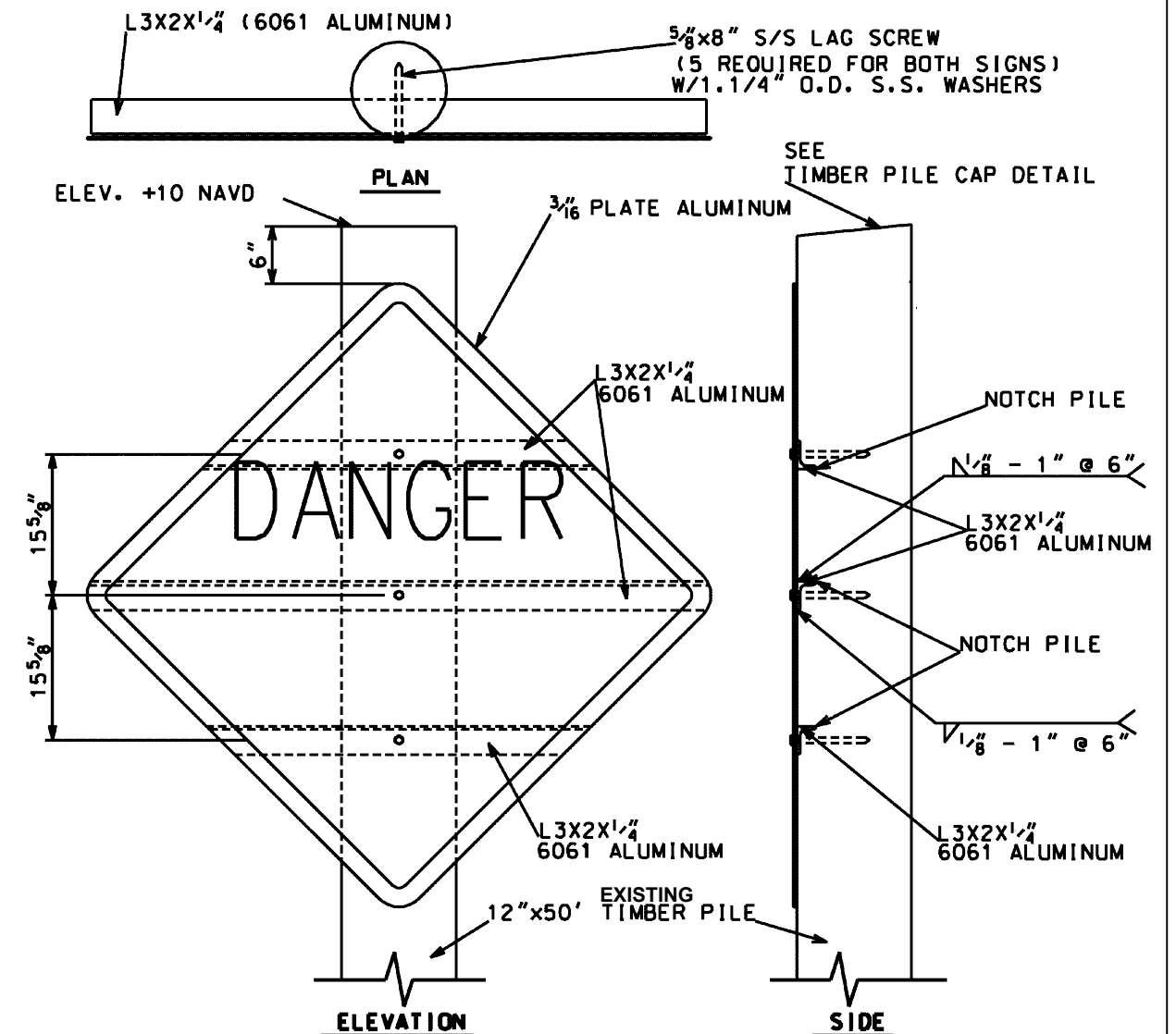
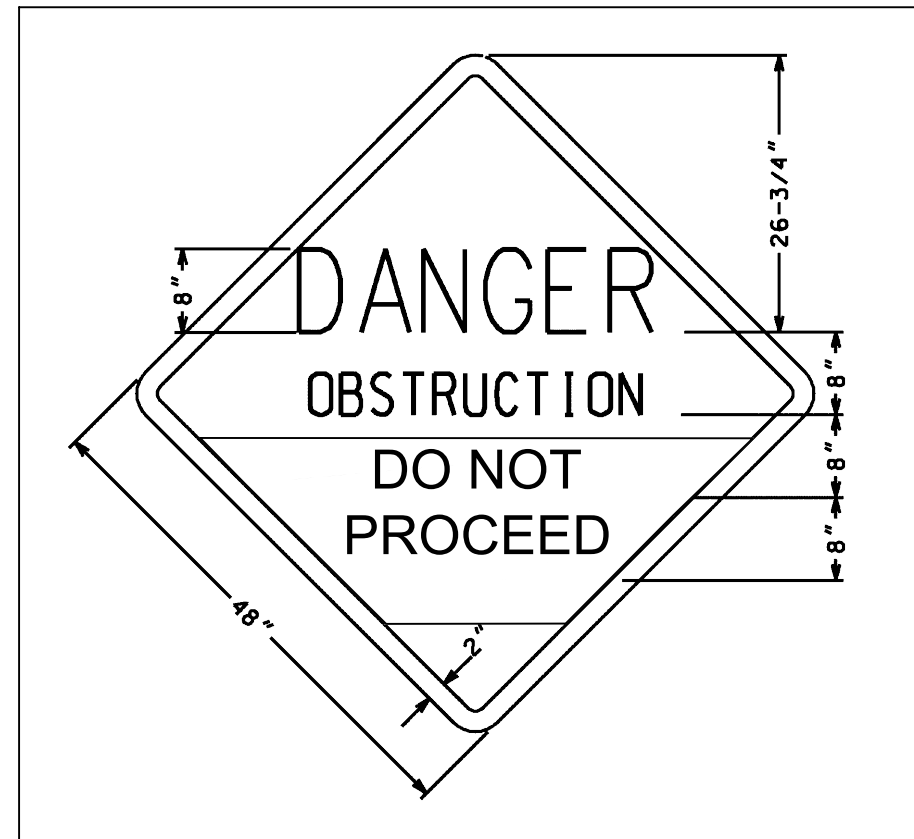
1. ALL ELEVATIONS ARE GIVEN IN THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). ALL HORIZONTAL COORDINATES ARE GIVEN IN THE NORTH AMERICAN DATUM OF 1983 (NAD 83).
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NAVIGATING WITHIN THE LIMITS OF THE PROJECT PLAN AREA. THE ENGINEER OR HIS REPRESENTATIVE SHALL MONITOR THE LOCATION DURING CONSTRUCTION. ALL EQUIPMENT SHALL BE FLOATING AT ALL TIMES. DREDGING IS PROHIBITED.
3. THE CONTRACTOR SHALL NOT, AT ANYTIME, TREAD ON EXISTING MARSH OR VEGETATIVE WETLANDS UNLESS OTHERWISE DIRECTED BY THE CPRA PROJECT ENGINEER.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING ALL WARNING SIGNS ON TE-0022 STRUCTURES 1, 2, 3A, 6, 7, AND 8 & BA-0002 STRUCTURE 4A. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXISTING WARNING SIGNS OFFSITE
5. THE CONTRACTOR SHALL REPLACE EXISTING TE-0022 WARNING SIGN SUPPORT WHERE DAMAGED ON STRUCTURES 3A AND 6 (TWO SUPPORT POLES EACH).
6. THE INTERIOR WATER IN POINTE AUX FER WILL LIKELY BE TOO SHALLOW TO ALLOW ADEQUATE DEPTH FOR HEAVY MACHINERY TO DRIVE POLES. WHEN REPLACING THE WARNING SIGN SUPPORTS ON 3A AND 6 THE CONTRACTOR IS RESPONSIBLE FOR FINDING AN APPROPRIATE METHOD TO SECURE THE GALVANIZED POLES AND MAINTAIN WEATHER RESISTANCE. THE CONTRACTOR MAY ATTEMPT TO DRIVE SUPPORTS BY OTHER MEANS TO A DEPTH OF 20' STATED IN THE PLANS AND TECHNICAL SPECIFICATIONS. THE CONTRACTOR MAY FASTEN THE SUPPORT POLES TO THE STRUCTURE VIA GEAR CLAMP, PIPE GRIP TIE, FLOATING BRACKET, AND OTHER MOUNTING CLIPS RATED FOR MARINE ENVIRONMENTS.
7. THE 2" BORDER ON THE WARNING SIGN WILL BE A RETROREFLECTIVE MATERIAL OF ORANGE COLOR. THE LETTERING FIELD WILL BE A RETROREFLECTIVE MATERIAL OF WHITE COLOR. THE LETTERING FOR THE WARNING SIGN WILL BE BLOCK. ALL SIGNS MUST MEET U.S. COAST GUARD STANDARDS, IN ACCORDANCE WITH 33 CFR 330.4 (A) (1).
8. REGARDING THE TE-0022 SIGNAGE, NEOPRENE WASHERS SHALL BE PLACED BETWEEN THE SIGN AND STEEL PIPE, AT ALL POINTS OF CONTACT.
- A TOTAL OF 5 WARNING SIGNS, INCLUDING NECESSARY FRAMEWORK, BOUYS, ANCHORS, AND ALL INCIDENTAL CONSTRUCTION, WILL BE FURNISHED BY THE CONTRACTOR UNDER BID ITEM NO. 3 FOR BA-0002 - GIWW/CLOVELLY
10. A TOTAL OF 24 WARNING SIGNS, INCLUDING NECESSARY FRAMEWORK, BOUYS, ANCHORS, AND ALL INCIDENTAL CONSTRUCTION, WILL BE FURNISHED BY THE CONTRACTOR UNDER BID ITEM NO. 5 FOR TE-0022 - POINT AUX FER ISLAND
11. SIGNS SHOULD BE LOCATED IN THE SAME LOCATION AND ORIENTATION AS THE PREVIOUS SIGNS. IF ORIENTATION IS IN QUESTION, SIGNS SHOULD BE PLACES AS INDICATED BY CPRA REPRESENTATIVE.
12. 103 TIMBER PILE CAPS ON LAKE CHAPEAU SEDIMENT INPUT AND HYDROLOGIC RESTORATION PROTECT (TE-0026) SHOULD BE REPLACED AS INDICATED IN SHEETS 10-12 OF THESE PLANS.

SUMMARY OF ESTIMATED QUANTITIES

BASE BID

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY
1	MOBILIZATION & DEMOBILIZATION (BA-0002)	LUMP SUM	1
2	WARNING SIGN REPLACEMENT (BA-0002)	EACH	5
3	MOBILIZATION & DEMOBILIZATION (TE-0022)	LUMP SUM	1
4	WARNING SIGN SUPPORT REPLACEMENT (TE-0022)	EACH	2
5	WARNING SIGN REPLACEMENT (TE-0022)	EACH	24
6	TIMBER PILE CAP REPLACEMENT (TE-0026)	EACH	103

				COASTAL PROTECTION AND RESTORATION AUTHORITY 1440 TIGER DRIVE, SUITE B THIBODAUX, LOUISIANA 70301	BA-0002 & TE-0022 SIGN REPLACEMENT & TE-0026 TIMBER CAP REPLACEMENT		GENERAL NOTES
					STATE PROJECT NUMBER: BA-0002, TE-0022, TE-0026		
					FEDERAL PROJECT NUMBER: BA-0002, TE-0022, TE-0026		
					DATE: 04/10/2017		
REV.	DATE	DESCRIPTION	BY	DRAWN BY: B.J.H	DESIGNED BY: B.J.H	APPROVED BY: B.B.	SHEET 2 OF 12



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

**NOTES:**

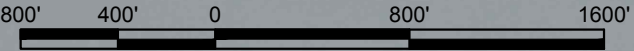
1. THE 2" BORDER ON THE TYPE "B" WARNING SIGN SHALL BE A RETRO-REFLECTIVE MATERIAL OF ORANGE COLOR. THE LETTERING FIELD SHALL BE A RETRO-REFLECTIVE MATERIAL OF WHITE COLOR. THE LETTERING FOR THE WARNING SIGNS SHALL BE BLACK. WARNINGS SIGNS SHALL BE PLACED ONLY ON THE SIDE FACING THE BAY.
2. NEOPRENE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

				<div>COASTAL PROTECTION AND RESTORATION AUTHORITY</div> <div>1440 TIGER DRIVE, SUITE B THIBODAU, LOUISIANA 70301</div>	BA-0002 & TE-0022 SIGN REPLACEMENT & TE-0026 TIMBER CAP REPLACEMENT		SIGN DETAILS BA-0002	
					STATE PROJECT NUMBER: BA-0002			
					FEDERAL PROJECT NUMBER: BA-0002		DATE: 04/10/2017	
REV.	DATE	DESCRIPTION	BY		DRAWN BY: B.J.H	DESIGNED BY: B.J.H	APPROVED BY: B.B.	SHEET 3 OF 12





SIGN NO.	LATITUDE	LONGITUDE
1	29°31'02.40"N	90°13'49.22"W
2	29°31'01.00"N	90°13'50.12"W
3	29°30'59.29"N	90°13'51.31"W
4	29°30'57.95"N	90°13'53.31"W
5	29°30'53.96"N	90°13'59.82"W



E:\CPRA PROJECTS\TE-0022\26\BA-0002\SIGN REPLACEMENT					<div>COASTAL PROTECTION AND RESTORATION AUTHORITY</div> <div>1440 TIGER DRIVE, SUITE B</div> <div>THIBODAUX, LOUISIANA 70301</div>	BA-0002 & TE-0022 SIGN REPLACEMENT & TE-0026 TIMBER CAP REPLACEMENT	STRUCTURES MAP BA-0002
						STATE PROJECT NUMBER: BA-0002	
						FEDERAL PROJECT NUMBER: BA-0002	
						APPROVED BY: B.B.	DATE: 04/10/2017
	REV.	DATE	DESCRIPTION	BY		DRAWN BY: B.J.H	DESIGNED BY: B.J.H
							SHEET 4 OF 12

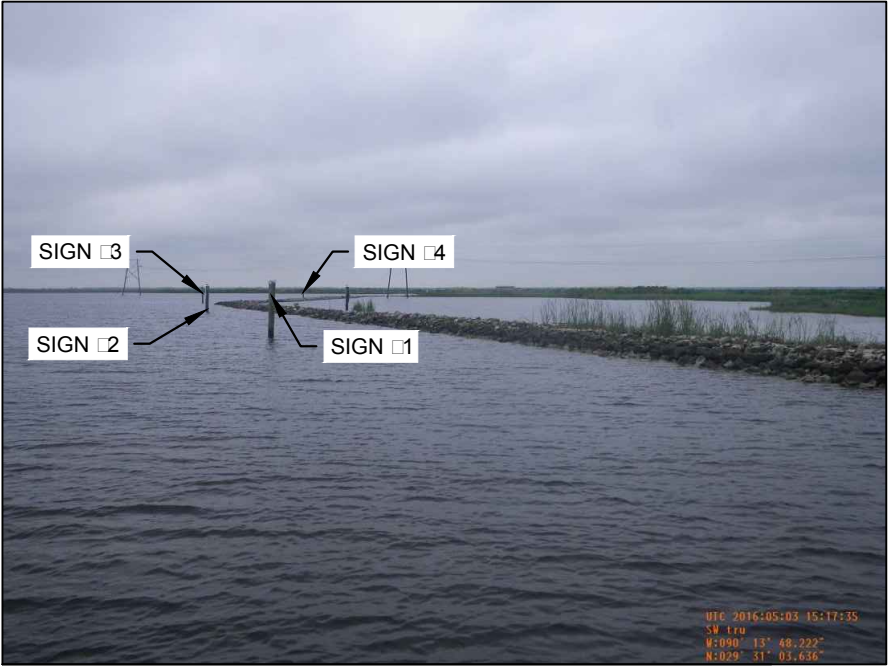


PHOTO 1



PHOTO 2



PHOTO 3

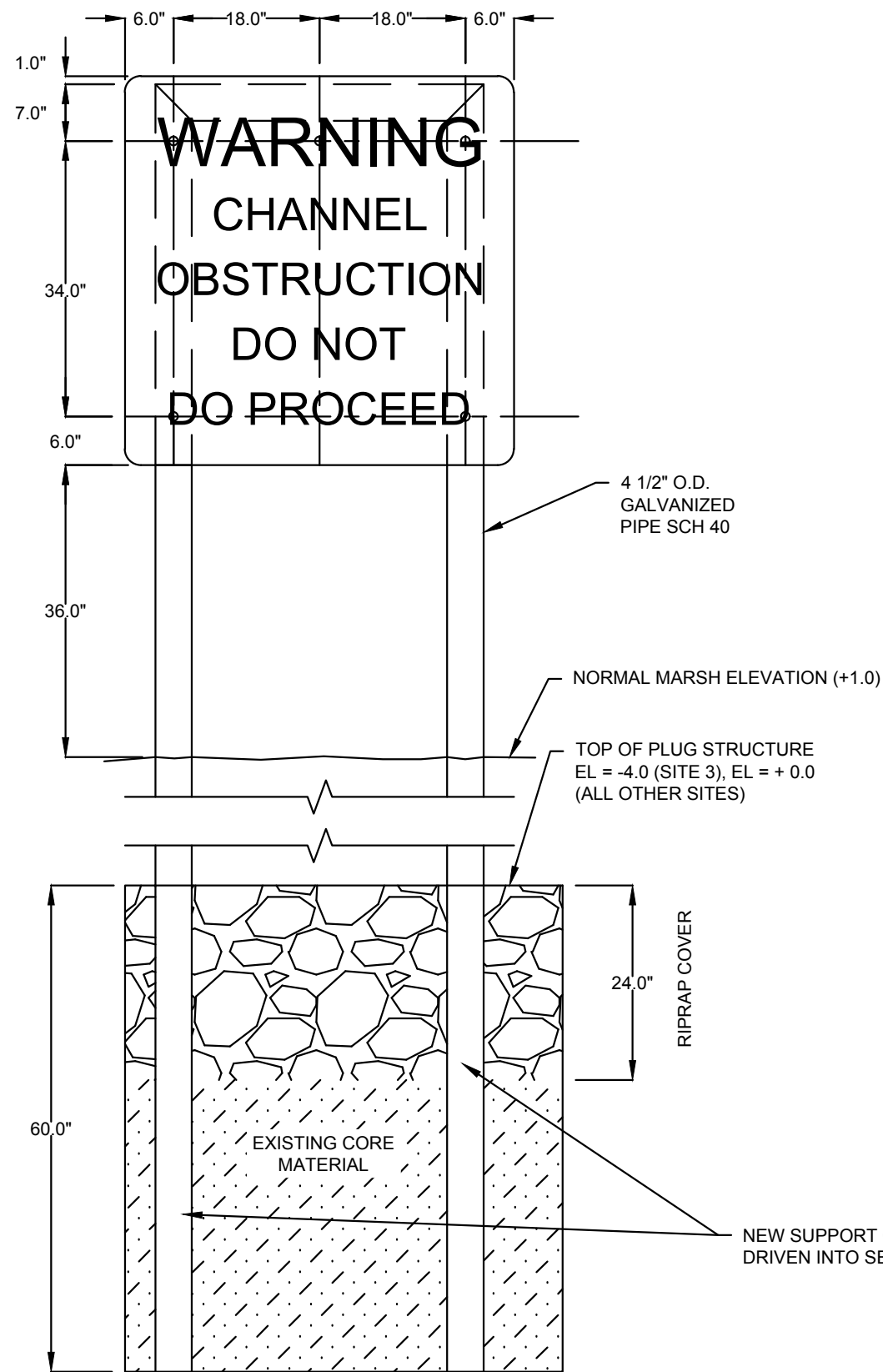


PHOTO 4

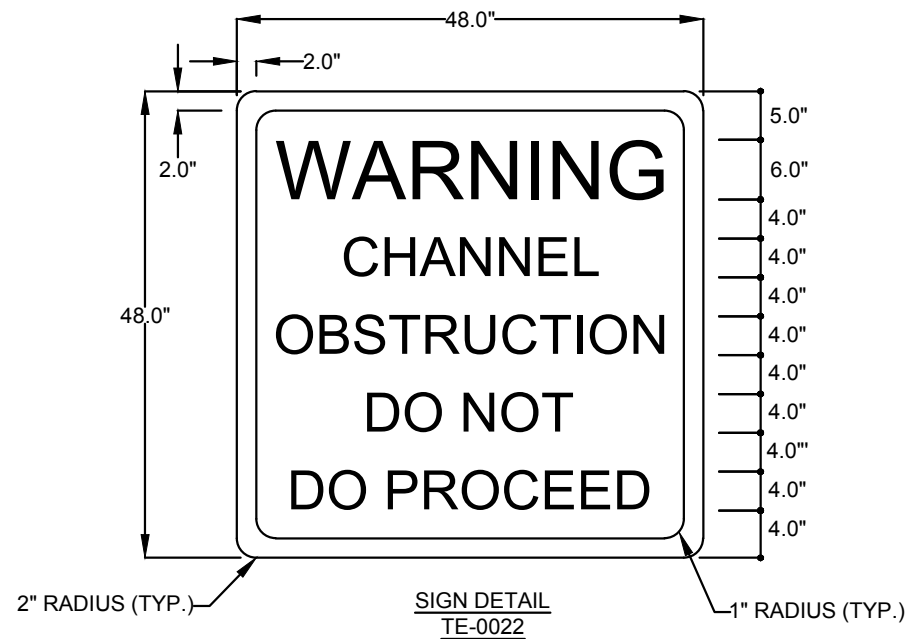
NOTES:

1. WARNING SIGNS TO BE REPLACED AS DETAILED ON SHEET 3 OF THIS PLAN SET AND TS - 2 OF BID DOCUMENTS

				<div>COASTAL PROTECTION AND RESTORATION AUTHORITY</div> <div>1440 TIGER DRIVE, SUITE B</div> <div>THIBODAUX, LOUISIANA 70301</div>	BA-0002 & TE-0022 SIGN REPLACEMENT & TE-0026 TIMBER CAP REPLACEMENT	SIGN PICTURES BA-0002
					STATE PROJECT NUMBER: BA-0002	
					FEDERAL PROJECT NUMBER: BA-0002	
					APPROVED BY: B.B.	DATE: 04/10/2017
REV.	DATE	DESCRIPTION	BY	DRAWN BY: B.J.H	DESIGNED BY: B.J.H	SHEET 1 OF 12



WARNING SIGN SUPPORT DETAIL TE-0022  
(EXISTING SUPPORT TO REMAIN EXCEPT  
ON STRUCTURES 3A & 6)



NOTES:

1. THE 2" BORDER ON THE WARNING SIGN WILL BE A RETROREFLECTIVE MATERIAL OF ORANGE COLOR. THE LETTERING FIELD WILL BE A RETROREFLECTIVE MATERIAL OF WHITE COLOR. THE LETTERING FOR THE WARNING SIGN WILL BE BLOCK. ALL SIGNS MUST MEET U.S. COAST GUARD STANDARDS, IN ACCORDANCE WITH 33 CFR 330.4 (A) (1). NEOPRENE WASHERS SHALL BE PLACED BETWEEN THE SIGN AND STEEL PIPE, AT ALL POINTS OF CONTACT.
2. A TOTAL OF 24 WARNING SIGNS, INCLUDING NECESSARY FRAMEWORK, BOUYS, ANCHORS, AND ALL INCIDENTAL CONSTRUCTION, WILL BE FURNISHED AND INSTALLED BY THE CONTRACTOR UNDER BID ITEM NO.5.
3. 2 GALVANIZED PIPES WILL BE REQUIRED FOR EACH WARNING SIGN SUPPORT UNDER BID ITEM NO. 4.

				<div>COASTAL PROTECTION AND RESTORATION AUTHORITY</div> <div>1440 TIGER DRIVE, SUITE B THIBODAUX, LOUISIANA 70301</div>	BA-0002 & TE-0022 SIGN REPLACEMENT & TE-0026 TIMBER CAP REPLACEMENT		SIGN DETAILS TE-0022
					STATE PROJECT NUMBER: TE-0022		
					FEDERAL PROJECT NUMBER: TE-0022		DATE: 04/10/2017
REV.	DATE	DESCRIPTION	BY		DRAWN BY: B.J.H	DESIGNED BY: B.J.H	APPROVED BY: B.B.





PLUG NO.	LATITUDE	LONGITUDE
1	29°15'30.30"N	91°11'6.04"W
2	29°15'28.82"N	91°10'50.42"W
3A	29°15'43.13"N	91°10'42.92"W
6	29°15'11.08"N	91°10'43.18"W
7	29°15'21.22"N	91°10'26.09"W
8	29°15'11.38"N	91°10'8.81"W

NOTES: 1. NO DREDGING PERMITTED 2. EQUIPMENT SHALL BE FLOATING AT ALL TIMES					COASTAL PROTECTION AND RESTORATION AUTHORITY  1440 TIGER DRIVE, SUITE B THIBODAUX, LOUISIANA 70301		BA-0002 & TE-0022 SIGN REPLACEMENT & TE-0026 TIMBER CAP REPLACEMENT		STRUCTURES MAP TE-0022
							STATE PROJECT NUMBER: TE-0022		
							FEDERAL PROJECT NUMBER: TE-0022		
							APPROVED BY: B.B.		DATE: 04/10/2017
									SHEET 7 OF 12
E:\CPRA PROJECTS\ITE-0022\26\BA-0002\SIGN REPLACEMENT	REV.	DATE	DESCRIPTION	BY	DRAWN BY: B.J.H	DESIGNED BY: B.J.H	APPROVED BY: B.B.		





STRUCTURE 01



STRUCTURE 02



STRUCTURE 03A



STRUCTURE 03A



STRUCTURE 06



STRUCTURE 06

				<div>COASTAL PROTECTION AND RESTORATION AUTHORITY</div> <div>1440 TIGER DRIVE, SUITE B</div> <div>THIBODAU, LOUISIANA 70301</div>	BA-0002 & TE-0022 SIGN REPLACEMENT & TE-0026 TIMBER CAP REPLACEMENT		SIGN PICTURES TE-0022
					STATE PROJECT NUMBER: TE-0022		
					FEDERAL PROJECT NUMBER: TE-0022		DATE: 04/10/2017
					APPROVED BY: B.B.		SHEET <input type="checkbox"/> OF 12
REV.	DATE	DESCRIPTION	BY		DRAWN BY: B.J.H	DESIGNED BY: B.J.H	





STRUCTURE 7



STRUCTURE 7

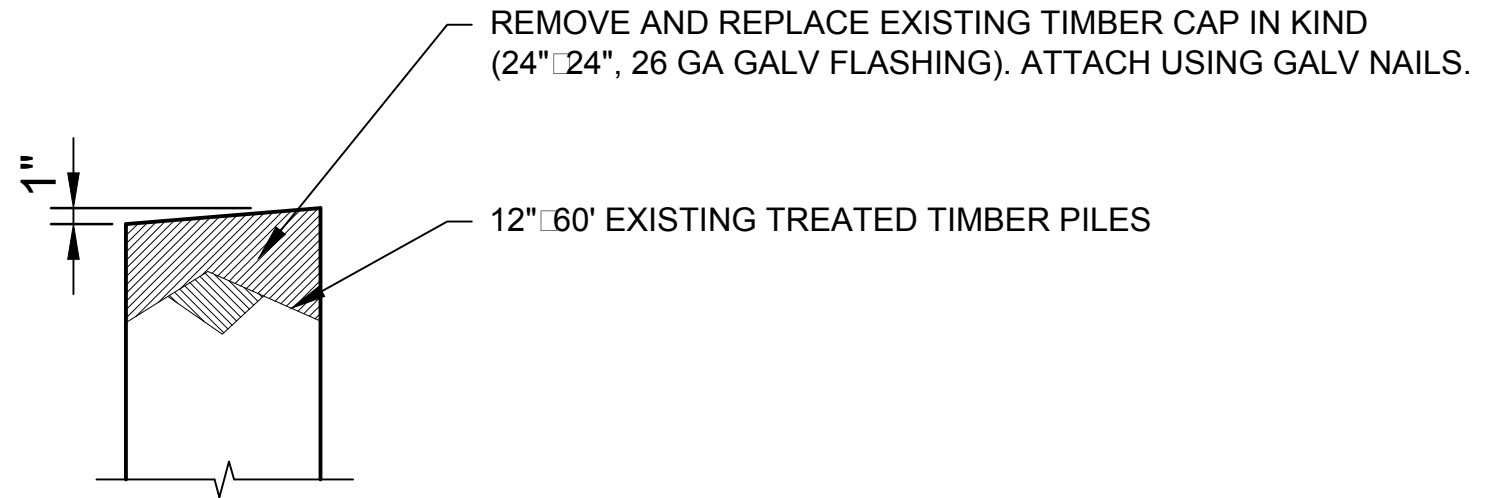


STRUCTURE 8



STRUCTURE 8

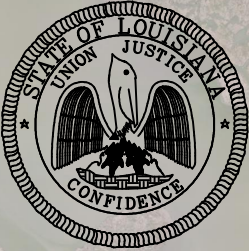
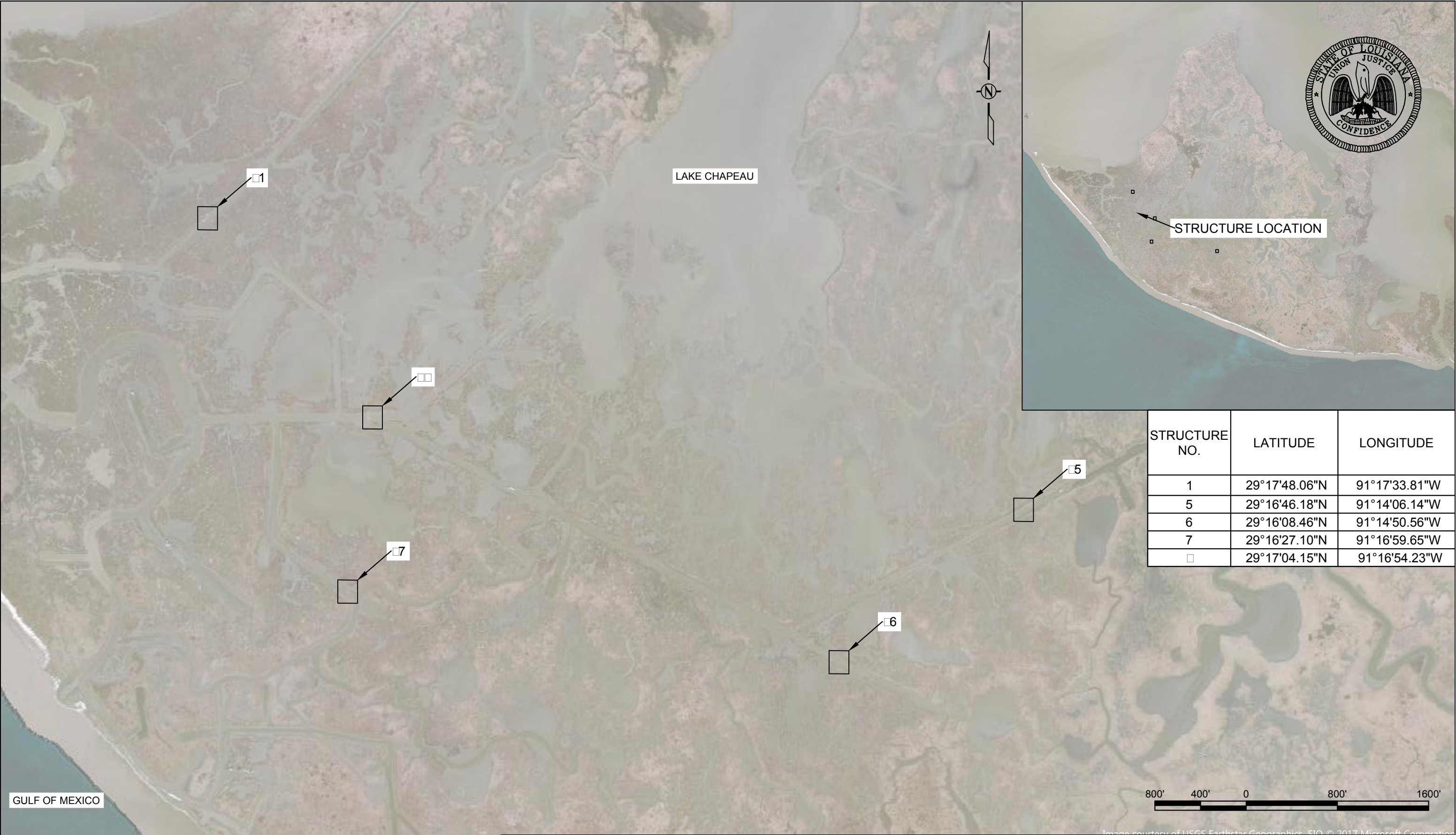
				<div>COASTAL PROTECTION AND RESTORATION AUTHORITY</div> <div>1440 TIGER DRIVE, SUITE B</div> <div>THIBODAU, LOUISIANA 70301</div>	BA-0002 & TE-0022 SIGN REPLACEMENT & TE-0026 TIMBER CAP REPLACEMENT		SIGN PICTURES TE-0022
					STATE PROJECT NUMBER: TE-0022		
					FEDERAL PROJECT NUMBER: TE-0022		DATE: 04/10/2017
					APPROVED BY: B.B.		SHEET 1 OF 12
REV.	DATE	DESCRIPTION	BY		DRAWN BY: B.J.H	DESIGNED BY: B.J.H	



**TYPICAL GALVANIZED WOOD PILE CAP**  
NO SCALE

				<div>COASTAL PROTECTION AND RESTORATION AUTHORITY</div> <div>1440 TIGER DRIVE, SUITE B</div> <div>THIBODAUX, LOUISIANA 70301</div>	BA-0002 & TE-0022 SIGN REPLACEMENT & TE-0026 TIMBER CAP REPLACEMENT	TIMBER CAP DETAIL TE-0026
					STATE PROJECT NUMBER: TE-0026	
					FEDERAL PROJECT NUMBER: TE-0026	
					APPROVED BY: B.B.	DATE: 04/10/2017
REV.	DATE	DESCRIPTION	BY	DRAWN BY: B.J.H	DESIGNED BY: B.J.H	SHEET 10 OF 12





STRUCTURE NO.	LATITUDE	LONGITUDE
1	29°17'48.06"N	91°17'33.81"W
5	29°16'46.18"N	91°14'06.14"W
6	29°16'08.46"N	91°14'50.56"W
7	29°16'27.10"N	91°16'59.65"W
	29°17'04.15"N	91°16'54.23"W

NOTES: 1. NO DREDGING PERMITTED 2. EQUIPMENT SHALL BE FLOATING AT ALL TIMES					COASTAL PROTECTION AND RESTORATION AUTHORITY  1440 TIGER DRIVE, SUITE B THIBODAUX, LOUISIANA 70301		BA-0002 & TE-0022 SIGN REPLACEMENT & TE-0026 TIMBER CAP REPLACEMENT		STRUCTURES MAP TE-0026	
							STATE PROJECT NUMBER: TE-0026			
							FEDERAL PROJECT NUMBER: TE-0026			
							DATE: 04/10/2017			
							APPROVED BY: B.B.			
E:\CPRA PROJECTS\ITE-0022\26\BA-0002\SIGN REPLACEMENT	REV.	DATE	DESCRIPTION	BY	DRAWN BY: B.J.H		DESIGNED BY: B.J.H		APPROVED BY: B.B.	SHEET 11 OF 12





STURCTURE NO. 1



STURCTURE NO. 5



STURCTURE NO. 6



STURCTURE NO. 7



STURCTURE NO. 8

STRUCTURE NO.	OF PILE CAPS
1	11
5	16
6	12
7	24
8	40

NOTES:  
1. REMOVE AND REPLACE ALL TIMBER PILE CAPS FOR EACH STRUCTURE OF TE-0026, INCLUDING THOSE ON WARNING SIGNS

				COASTAL PROTECTION AND RESTORATION AUTHORITY 1440 TIGER DRIVE, SUITE B THIBODAU, LOUISIANA 70301		BA-0002 & TE-0022 SIGN REPLACEMENT & TE-0026 TIMBER CAP REPLACEMENT		STRUCTURE PICTURES TE-0026
						STATE PROJECT NUMBER: TE-0026		
						FEDERAL PROJECT NUMBER: TE-0026		
REV.	DATE	DESCRIPTION	BY	DRAWN BY: B.J.H		DESIGNED BY: B.J.H		DATE: 04/10/2017
						APPROVED BY: B.J.H.		SHEET 12 OF 12