

GENERAL NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NAVIGATING TO THE PROJECT AREA VIA CAMERON MEADOWS OIL FIELD ROAD. DREDGING IS NOT ALLOWED FOR ACCESS. THE ENGINEER OR RESIDENT PROJECT REPRESENTATIVE SHALL MONITOR EQUIPMENT LOCATIONS DURING CONSTRUCTION.
2. THE CONTRACTOR SHALL NOT, AT ANYTIME, TRAVERSE EXISTING MARSH OR VEGETATIVE WETLANDS OUTSIDE THE MARSH CREATION AREAS AND LOCATIONS SHOWN ON THE PLANS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
3. PLANS AND SPECIFICATIONS ARE COMPLEMENTARY; WHAT IS REQUIRED BY ONE IS BINDING AS IF REQUIRED BY ALL. CLARIFICATIONS AND INTERPRETATIONS OF, OR NOTIFICATIONS OF MINOR VARIATIONS AND DEVIATIONS IN THE CONTRACT DOCUMENTS, WILL BE ISSUED BY THE ENGINEER.
4. ANY DAMAGE TO EXISTING U.S. COAST GUARD NAVIGATION AIDS OR PRIVATE NAVIGATION AIDS SHALL BE REPAIRED BY THE CONTRACTOR TO U.S. COAST GUARD STANDARDS AT THE EXPENSE OF THE CONTRACTOR.
5. THE EARTHEN CONTAINMENT DIKES, EARTHEN TERRACES, MARSH CREATION AREAS, AND MARSH CREATION BORROW AREA WERE ESTIMATED FOR CONSTRUCTION USING AERIAL PHOTOGRAPHY, DESIGN SURVEYS, AND AUTOCAD AND MAY BE REVISED BY THE ENGINEER BASED ON RESULTS FROM THE PRE-CONSTRUCTION SURVEYS.
6. THE HYDRAULIC DREDGING QUANTITIES FOR THE MARSH CREATION AREAS ARE BASED ON THE BORROW AREA CUT VOLUME. ACTUAL QUANTITIES FOR PAYMENT WILL BE BASED ON PROCESS SURVEYS OF THE MARSH CREATION BORROW AREA PERFORMED AS PART OF THIS CONTRACT AS REQUIRED IN TS-200 "SURVEYS" OF THE SPECIFICATIONS.
7. THE CONTRACTOR SHALL PERFORM A MAGNETOMETER SURVEY OF THE BORROW AND EXCAVATION AREAS AND ALL PROPOSED ACCESS CORRIDORS PRIOR TO MOBILIZATION FOR CONSTRUCTION. DRAWINGS SHOWING THE TRACK LINES, ANY MAGNETOMETER HITS, COORDINATES, AMPLITUDE, SIGNATURE TYPE, AND SIGNATURE WIDTH OF ALL MAGNETOMETER HITS SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO MOBILIZATION. ADDITIONAL TRACK LINES SHALL BE RUN IN ACCORDANCE WITH TS-200 OF THE SPECIFICATIONS.
8. PIPELINES AND UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL LOCATE AND MARK ALL PIPELINES AND UTILITIES LOCATED WITHIN 150 FT. OF THE WORK PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN THESE MARKERS DURING CONSTRUCTION.
9. THE CONTRACTOR IS RESPONSIBLE FOR CONTAINING ALL HYDRAULICALLY DREDGED MATERIAL WITHIN THE BOUNDARIES OF THE MARSH CREATION AREAS.
10. BACKGROUND AERIAL IMAGES ON THE PLANS ARE FROM U.S. DEPARTMENT AGRICULTURE (USDA) NATIONAL AERIAL IMAGERY PROGRAM (NAIP), OCTOBER OF 2018.

NOTIFICATIONS:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE PIPELINE AND UTILITY OPERATORS LISTED IN SP-11 AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE OF THE WORK. PIPELINES LOCATED WITHIN 150' OF THE WORK SHALL BE MARKED BY THE CONTRACTOR. THE CONTRACTOR SHALL MAINTAIN BUOYS DURING CONSTRUCTION AND HAVE ADEQUATE NAVIGATIONAL EQUIPMENT ON THE DREDGE TO AVOID DREDGING IN RESTRICTED AREAS. THE CONTRACTOR SHALL CONTACT LOUISIANA ONE CALL AT 1-800-272-3020 FIVE (5) DAYS PRIOR TO ANY EXCAVATION AND/OR DREDGING TO LOCATE ALL PIPELINES OR UTILITIES. THE CONTRACTOR SHALL NOTIFY THE PIPELINE OWNERS LISTED IN SP-11 OF THE SPECIFICATIONS AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO PERFORMING THE WORK.
2. THE CONTRACTOR SHALL NOTIFY THE LANDOWNERS LISTED IN SP-11 OF THE SPECIFICATIONS AT LEAST FIVE (5) WORKING DAYS PRIOR TO PERFORMING THE WORK AND ADHERE TO CPRA LAND RIGHTS AGREEMENT IN APPENDIX D.

LEGEND - SECTION VIEWS

- | | |
|--|---|
|  CONSTRUCTED MARSH FILL |  EXISTING WATER BOTTOM (EWB) |
|  EARTHEN TERRACE AND CONTAINMENT DIKE |  REHANDLING AREA |
|  EARTHEN CONTAINMENT DIKE BORROW AREA |  TEMPORARY SPOIL |
|  MARSH CREATION BORROW AREA & EARTHEN TERRACE BORROW AREA |  MAX. DISTURBANCE DEPTH |

DESIGN NOTES:

1. ALL ELEVATIONS ARE GIVEN IN THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) GEOID 12A, EPOCH 2004.65, U.S. SURVEY FEET. ALL HORIZONTAL COORDINATES ARE GIVEN IN THE NORTH AMERICAN DATUM OF 1983 (NAD 83, LOUISIANA STATE PLANE SOUTH ZONE U.S. FEET). ELEVATIONS ARE BASED ON THE FOLLOWING SECONDARY MONUMENTS:

SECONDARY MONUMENT	ELEVATION	NORTHING	EASTING
CRMS-SM-08	5.07'	468,135.85	2,529,279.86
2. MEAN HIGH WATER (MHW) AND MEAN LOW WATER (MLW) WERE CALCULATED FOR DESIGN PURPOSES FROM THE GAGE CRMS2154 LOCATED 15 MILES EAST OF PORT ARTHUR, TX. DATA FROM SEPTEMBER 21, 2009 TO SEPTEMBER 20, 2014 WAS USED. ELEVATIONS ARE REFERENCED TO NAVD 88, US FEET. MHW = 0.70' AND MLW = 0.55'
3. PROJECT ELEVATIONS SHOWN ON THE PLANS ARE BASED ON THE SURVEYS PERFORMED BETWEEN JULY 25, 2014 AND OCTOBER 28, 2014 BY C&C TECHNOLOGIES FOR THE CPRA. BORROW AREA ELEVATIONS SHOWN ON THE PLANS ARE BASED ON THE SURVEYS PERFORMED BETWEEN NOVEMBER 19, 2014 AND FEBRUARY 6, 2015 BY COASTAL PLANNING & ENGINEERING, INC. FOR THE CPRA.
4. ESTIMATED HYDRAULIC DREDGING QUANTITIES SHOWN WERE CALCULATED ACCORDING TO CONDITIONS SURVEYED FROM JULY 25, 2014 TO OCTOBER 28, 2014. QUANTITIES WERE CALCULATED USING AUTOCAD AND AERIAL PHOTOGRAPHY FOR SECTIONS T1 THROUGH T21.
5. THE GEOTECHNICAL INVESTIGATION AND ANALYSES WERE PERFORMED FROM MAY 2015 THROUGH JUNE 2015 BY EUSTIS ENGINEERING. THE LOCATIONS OF THE SOIL BORINGS ARE SHOWN ON SHEET 48. THE SOIL BORING LOGS CAN BE FOUND IN APPENDIX H OF THE CONTRACT DOCUMENTS.

LEGEND - PLAN VIEWS

-  CONE PENETRATION TEST
-  DREDGE PIPELINE CORRIDOR
-  EARTHEN CONTAINMENT DIKE
-  EARTHEN CONTAINMENT DIKE BORROW AREA
-  EQUIPMENT ACCESS CORRIDOR
-  GRADE STAKE
-  INSTRUMENTED SETTLEMENT PLATE
-  LIMIT OF BORROW
-  MAGNETOMETER ANOMALY
-  MARSH CREATION AREA
-  MARSH CREATION AREA - ALTERNATE
-  MARSH CREATION BORROW AREA
-  MARSH NOURISHMENT AREA
-  OFFSHORE VIBRACORE
-  POTENTIAL BOOSTER PUMP LOCATION
-  REDUCED HEIGHT EARTHEN CONTAINMENT DIKE
-  SOIL BORING
-  SURVEY MONUMENT
-  SURVEY TRANSECT
-  TEMPORARY SPOIL
-  UNVERIFIED PIPELINE
-  VERIFIED PIPELINE

ABBREVIATIONS:

- | | |
|-------|--------------------------------------|
| BA | BORROW AREA |
| CMF | CONSTRUCTED MARSH FILL |
| CPT | CONE PENETRATION TEST |
| CY | CUBIC YARD |
| DP | DREDGE PIPELINE |
| DPC | DREDGE PIPE CORRIDOR |
| EAC | EQUIPMENT ACCESS CORRIDOR |
| ECD | EARTHEN CONTAINMENT DIKE |
| ECDBA | EARTHEN CONTAINMENT DIKE BORROW AREA |
| EP | EARTHEN PLUG |
| EL | ELEVATION |
| ET | EARTHEN TERRACE |
| ETBA | EARTHEN TERRACE BORROW AREA |
| FT | FOOT |
| ISP | INSTRUMENTED SETTLEMENT PLATE |
| LF | LINEAR FOOT |
| LS | LUMP SUM |
| MCA | MARSH CREATION AREA |
| MCBA | MARSH CREATION BORROW AREA |
| MNA | MARSH NOURISHMENT AREA |
| NTS | NOT TO SCALE |
| PL | PIPELINE |
| SB | SOIL BORING |
| SF | SQUARE FOOT |
| SM | SURVEY MONUMENT |
| ST | SURVEY TRANSECT |
| SY | SQUARE YARD |
| UPL | UNVERIFIED PIPELINE |



02/18/2020

<p>COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802</p>	<p>GENERAL NOTES</p>
<p>CAMERON MEADOWS MARSH CREATION AND TERRACING</p>	<p>DESIGNED BY: TYE FITZGERALD, P.E. - 0038153 APPROVED BY: RUDY SIMONEAUX, P.E.</p>
<p>STATE PROJECT NUMBER: CS-0066</p>	<p>DRAWN BY: SHANE FAUST</p>
<p>DATE: FEBRUARY 2020</p>	
<p>SHEET 2 OF 63</p>	

SUMMARY OF ESTIMATED QUANTITIES

BASE BID

ITEM No.	DESCRIPTION	UNIT	ESTIMATED QUANTITY ¹
1	MOBILIZATION AND DEMOBILIZATION (TS-100)	LS	1
2	EQUIPMENT ACCESS CORRIDOR (TS-130)	LS	1
3	SURVEYS (TS-200)	LS	1
4	DAILY BIRD ABATEMENT (TS-211)	DAY	226
5	GRADE STAKES (TS-220)	EACH	33
6	INSTRUMENTED SETTLEMENT PLATES (TS-251)	EACH	3
7	EARTHEN CONTAINMENT DIKES (TS-300)	LF	17,160
8	EARTHEN TERRACES (TS-330)	LF	14,850
9	TEMPORARY DRAINAGE CONTROL (TS-360)	LS	1
10	HYDRAULIC DREDGING AND MARSH CREATION (TS-400)	CY	2,360,000
11	OPEN CUT HIGHWAY CROSSING (TS-1100)	LS	1
12	HIGHWAY MILLING AND ASPHALT OVERLAY (TS-1101)	LS	1

ALTERNATE 1

ITEM No.	DESCRIPTION	UNIT	ESTIMATED QUANTITY ¹
13	SURVEYS - ADDITION FOR MARSH CREATION AREA 2 (TS-200)	LS	1
14	DAILY BIRD ABATEMENT - ADDITION FOR MARSH CREATION AREA 2 (TS-211)	DAY	20
15	GRADE STAKES - ADDITION FOR MARSH CREATION AREA 2 (TS-220)	EACH	16
16	INSTRUMENTED SETTLEMENT PLATES - ADDITION FOR MARSH CREATION AREA 2 (TS-251)	EACH	2
17	EARTHEN CONTAINMENT DIKES - DEDUCTION FOR MARSH CREATION AREA 2 (TS-300)	LF	(-) 4,120
18	REDUCED HEIGHT EARTHEN CONTAINMENT DIKES - ADDITION FOR MARSH CREATION AREA 2 (TS-300)	LF	4,120
19	EARTHEN CONTAINMENT DIKES - ADDITION FOR MARSH CREATION AREA 2 (TS-300)	LF	6,060
20	HYDRAULIC DREDGING AND MARSH CREATION - ADDITION FOR MARSH CREATION AREA 2 (TS-400)	CY	700,000

ALTERNATE 2

ITEM No.	DESCRIPTION	UNIT	ESTIMATED QUANTITY ¹
21	SURVEYS - ADDITION FOR MARSH CREATION AREA 3 (TS-200)	LS	1
22	DAILY BIRD ABATEMENT - ADDITION FOR MARSH CREATION AREA 3 (TS-211)	DAY	60
23	GRADE STAKES - ADDITION FOR MARSH CREATION AREA 3 (TS-220)	EACH	20
24	INSTRUMENTED SETTLEMENT PLATES - ADDITION FOR MARSH CREATION AREA 3 (TS-251)	EACH	4
25	EARTHEN CONTAINMENT DIKES - DEDUCTION FOR MARSH CREATION AREA 3 (TS-300)	LF	(-) 5,810
26	REDUCED HEIGHT EARTHEN CONTAINMENT DIKES - ADDITION FOR MARSH CREATION AREA 3 (TS-300)	LF	5,810
27	EARTHEN CONTAINMENT DIKES - ADDITION FOR MARSH CREATION AREA 3 (TS-300)	LF	7,810
28	EARTHEN TERRACES - DEDUCTION FOR MARSH CREATION AREA 3 (TS-330)	LF	(-) 14,850
29	HYDRAULIC DREDGING AND MARSH CREATION - ADDITION FOR MARSH CREATION AREA 3 (TS-400)	CY	1,000,000

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. THE RIGHT IS RESERVED BY THE OWNER TO INCREASE OR DECREASE SUCH QUANTITIES UP TO 25% WITHOUT ADJUSTMENT OF THE UNIT PRICE AS MAY BE NECESSARY TO COMPLETE THE WORK AS DESCRIBED IN THESE PLANS AND SPECIFICATIONS AND/OR REMAIN WITHIN FUNDING LIMITS. PAYMENT FOR THE HYDRAULIC DREDGING-MARSH CREATION SHALL BE BASED ON THE MEASURED CUT VOLUME OF THE OFFSHORE BORROW AREA.



REV.	DATE	DESCRIPTION	BY

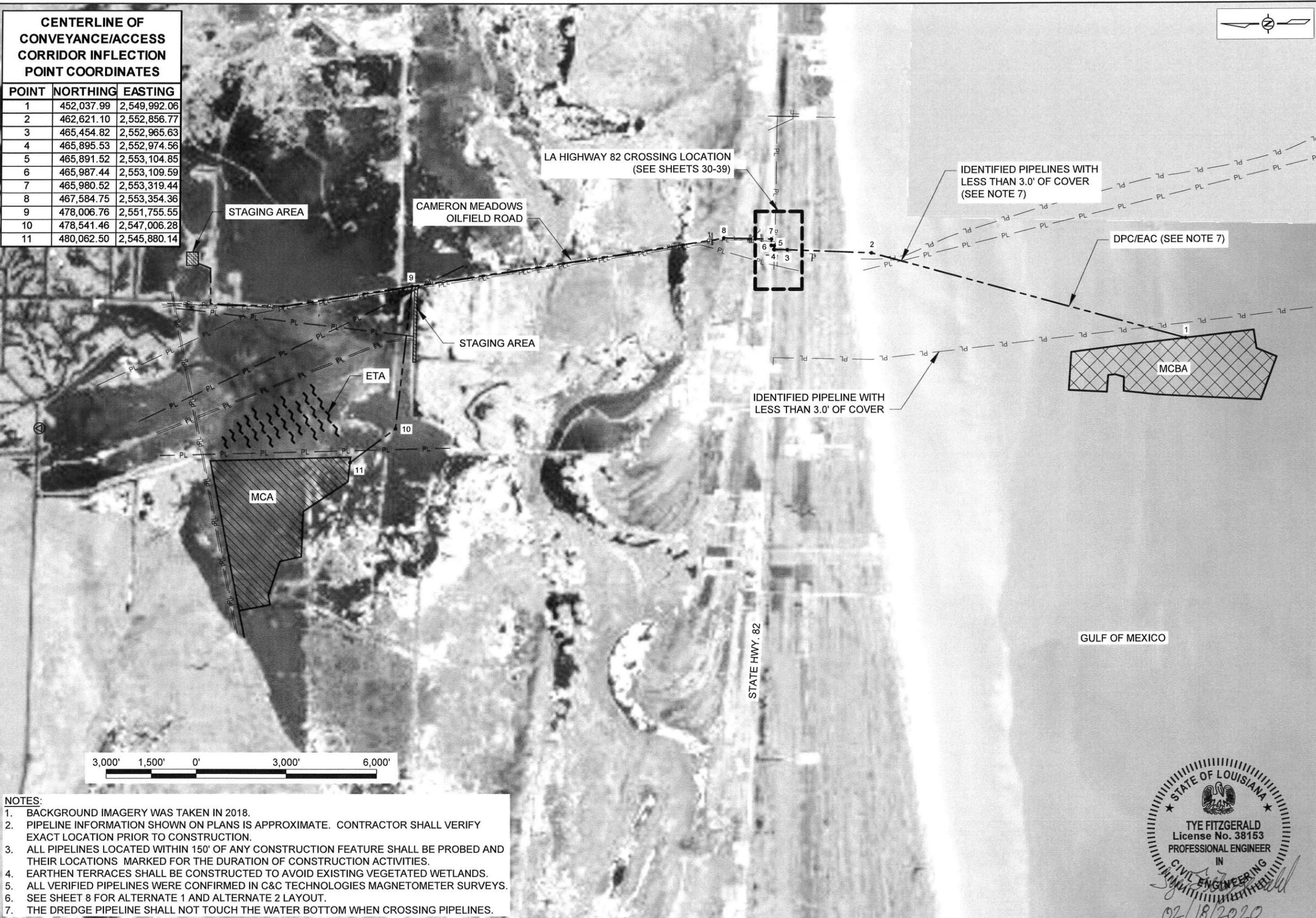
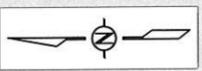
COASTAL PROTECTION AND RESTORATION AUTHORITY
 150 TERRACE AVENUE
 BATON ROUGE, LOUISIANA 70802

SUMMARY OF ESTIMATED QUANTITIES
 DESIGNED BY: TYE FITZGERALD, P.E. - 0038153
 APPROVED BY: RUDY SIMONEAUX, P.E.

CAMERON MEADOWS MARSH CREATION AND TERRACING
 STATE PROJECT NUMBER: CS-0066
 DRAWN BY: SHANE FAUST

CENTERLINE OF CONVEYANCE/ACCESS CORRIDOR INFLECTION POINT COORDINATES

POINT	NORTHING	EASTING
1	452,037.99	2,549,992.06
2	462,621.10	2,552,856.77
3	465,454.82	2,552,965.63
4	465,895.53	2,552,974.56
5	465,891.52	2,553,104.85
6	465,987.44	2,553,109.59
7	465,980.52	2,553,319.44
8	467,584.75	2,553,354.36
9	478,006.76	2,551,755.55
10	478,541.46	2,547,006.28
11	480,062.50	2,545,880.14



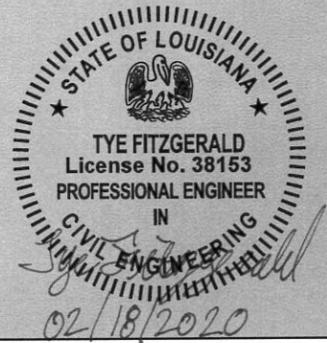
- NOTES:**
- BACKGROUND IMAGERY WAS TAKEN IN 2018.
 - PIPELINE INFORMATION SHOWN ON PLANS IS APPROXIMATE. CONTRACTOR SHALL VERIFY EXACT LOCATION PRIOR TO CONSTRUCTION.
 - ALL PIPELINES LOCATED WITHIN 150' OF ANY CONSTRUCTION FEATURE SHALL BE PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES.
 - EARTHEN TERRACES SHALL BE CONSTRUCTED TO AVOID EXISTING VEGETATED WETLANDS.
 - ALL VERIFIED PIPELINES WERE CONFIRMED IN C&C TECHNOLOGIES MAGNETOMETER SURVEYS.
 - SEE SHEET 8 FOR ALTERNATE 1 AND ALTERNATE 2 LAYOUT.
 - THE DREDGE PIPELINE SHALL NOT TOUCH THE WATER BOTTOM WHEN CROSSING PIPELINES.

REV.	DATE	DESCRIPTION	BY

COASTAL PROTECTION AND RESTORATION AUTHORITY
 150 TERRACE AVENUE
 BATON ROUGE, LOUISIANA 70802

PROJECT LAYOUT - BASE BID
 DESIGNED BY: TYE FITZGERALD, P.E. - 0038153
 APPROVED BY: RUDY SIMONEAUX, P.E.

CAMERON MEADOWS MARSH CREATION AND TERRACING
 STATE PROJECT NUMBER: CS-0066
 DRAWN BY: SHANE FAUST



MAGNETIC ANOMOLY COORDINATES WITHIN CONVEYANCE CORRIDOR

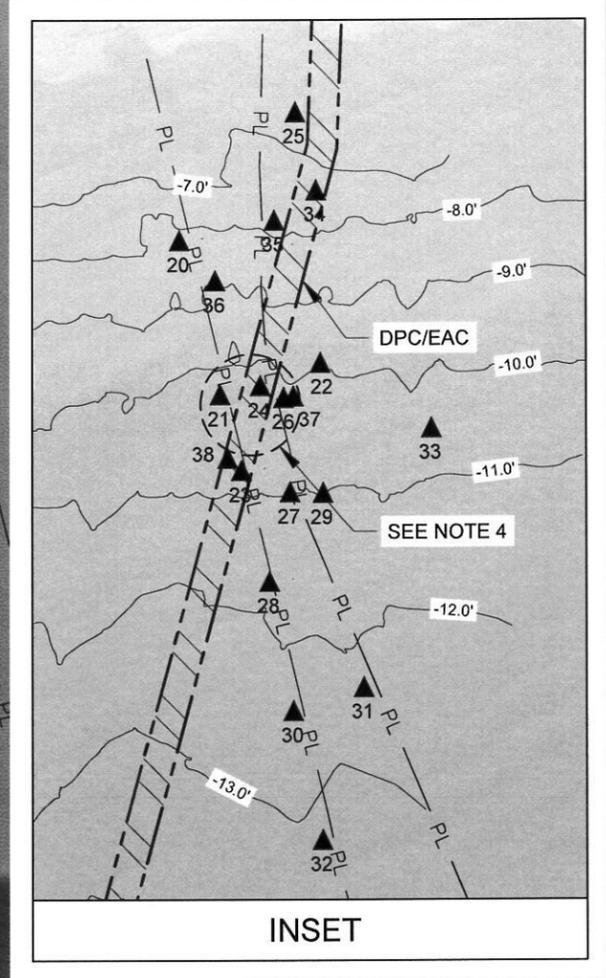
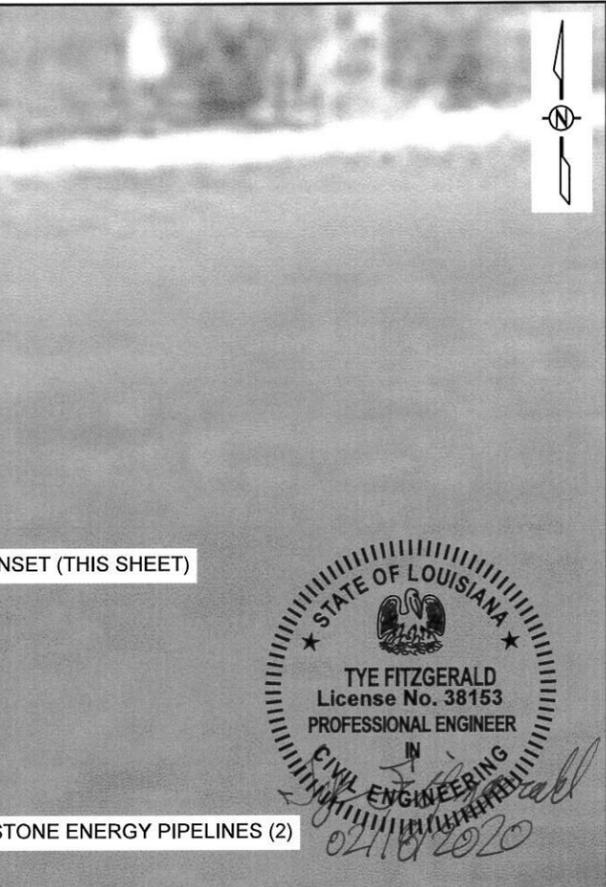
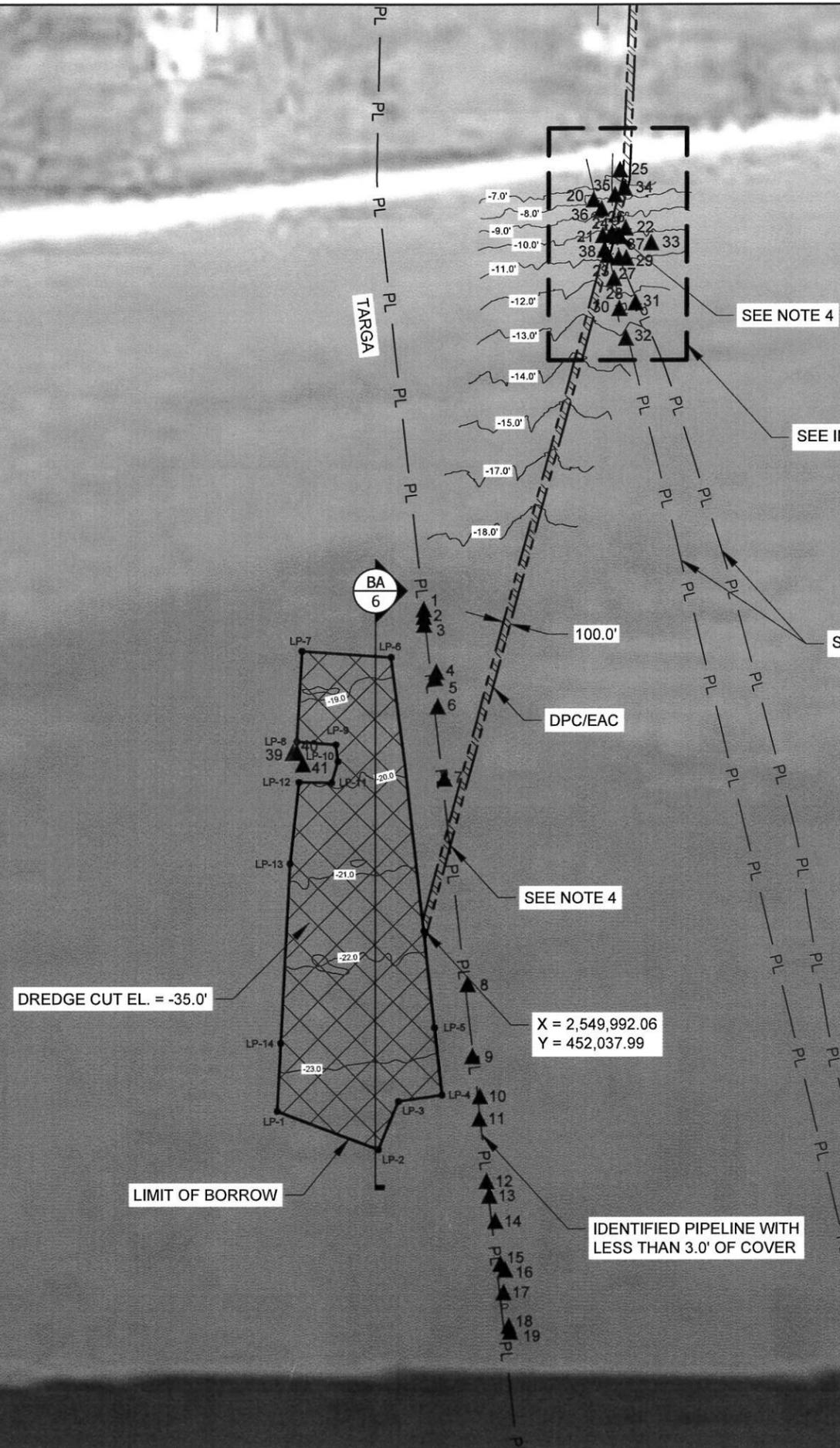
POINT	NORTHING	EASTING	DEPTH OF COVER
1	456,544.17	2,549,987.18	0.72'
2	456,437.79	2,549,987.33	0.45'
3	456,325.13	2,549,994.32	0.39'
4	455,662.83	2,550,155.71	0.51'
5	455,575.00	2,550,148.05	0.29'
6	455,176.36	2,550,187.86	0.75'
7	454,157.18	2,550,282.89	0.55'
8	451,263.82	2,550,616.08	0.44'
9	450,254.36	2,550,680.90	2.11'
10	44,690.36	2,550,787.82	1.02'
11	449,377.64	2,550,777.40	1.2'
12	448,497.16	2,550,881.14	1.47'
13	448,294.48	2,550,921.24	1.25'
14	447,935.41	2,551,004.47	1.71'
15	447,334.79	2,551,076.43	2.02'
16	447,260.64	2,551,144.90	0.95'
17	446,934.90	2,551,119.86	0.26'
18	446,461.40	2,551,193.11	1.96'
19	446,381.36	2,551,214.02	1.72'
20	462,314.14	2,552,383.48	0.17'
21	461,812.01	2,552,517.72	0.11'
22	461,915.64	2,552,848.72	0.27'
23	461,565.15	2,552,587.47	0.27'
24	461,794.06	2,552,726.31	0.3'
25	462,732.78	2,552,765.11	0.16'
26	461,794.06	2,552,726.31	0.39'
27	461,495.38	2,552,747.31	0.13'
28	461,204.31	2,552,679.59	1.12'
29	461,492.46	2,552,857.07	0.22'
30	460,782.63	2,552,758.43	0.12'
31	460,860.51	2,552,992.32	0.33'
32	460,363.13	2,552,855.09	0.42'
33	461,703.54	2,553,214.55	0.14'
34	462,478.24	2,552,834.28	0.3'
35	462,379.90	2,552,695.84	0.57'
36	462,182.65	2,552,501.77	0.34'
37	461,806.86	2,552,758.94	0.1'
38	461,604.60	2,551,214.02	0.35'
39	454,521.50	2,548,137.53	0.35'
40	454,525.70	2,548,198.16	0.35'
41	454,356.96	2,548,285.10	0.35'

LIMIT OF BORROW AREA COORDINATES

POINT	NORTHING	EASTING
LP-1	449,504.36	2,547,917.35
LP-2	448,968.27	2,549,352.17
LP-3	449,644.44	2,549,636.54
LP-4	449,733.02	2,550,251.41
LP-5	454,342.96	2,549,732.65
LP-6	454,670.37	2,549,213.99
LP-7	453,988.68	2,548,882.65
LP-8	453,485.47	2,549,166.05
LP-9	452,983.53	2,548,891.85
LP-10	452,983.53	2,548,102.12
LP-11	450,462.13	2,547,968.22
LP-12	450,463.76	2,548,405.09
LP-13	450,065.50	2,549,237.16
LP-14	450,677.60	2,549,536.91

ESTIMATED QUANTITIES

VOLUME (CY)	AREA (ACRES)	THICKNESS (FEET)
4,042,678	200	VARIABLES, MAX. 16.4



- NOTES:**
- PIPELINE INFORMATION SHOWN ON PLANS IS APPROXIMATE. THE CONTRACTOR SHALL VERIFY EXACT LOCATION PRIOR TO CONSTRUCTION.
 - ALL PIPELINES LOCATED WITHIN 150' OF THE BORROW AREA SHALL BE PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES OF THE BORROW AREA.
 - ALL MAGNETIC ANOMOLY LOCATIONS WERE CONFIRMED IN CB&I SEISMIC AND GEOPHYSICAL SURVEYS.
 - THE DREDGE PIPELINE SHALL NOT TOUCH THE WATER BOTTOM WHEN CROSSING PIPELINES.



COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802		DATE	DESCRIPTION
BORROW AREA PLAN VIEW		REV.	
CAMERON MEADOWS MARSH CREATION AND TERRACING		BY	
STATE PROJECT NUMBER: CS-0066	DESIGNED BY: TYE FITZGERALD, P.E. - 0038153	DATE	
DRAWN BY: SHANE FAUST	APPROVED BY: RUDY SIMONEAUX, P.E.	REV.	
DATE: FEBRUARY 2020		DATE	
SHEET 5 OF 63		DATE	

EARTHEN CONTAINMENT DIKE COORDINATES		
POINT	NORTHING	EASTING
ECD-1	480,129.35	2,545,241.14
ECD-2	480,043.54	2,546,061.41
ECD-3	484,709.28	2,545,938.90
ECD-4	483,732.57	2,540,944.25
ECD-5	482,697.70	2,541,141.93
ECD-6	482,757.07	2,541,452.77
ECD-7	482,366.09	2,542,585.22
ECD-8	481,739.87	2,542,739.87
ECD-9	481,609.34	2,544,253.78
ECD-10	483,554.30	2,540,049.10

ESTIMATED QUANTITIES		
SITE	VOLUME (CY)	AREA (ACRES)
MARSH CREATION AREA	2,360,000	308
TERRACES	204,320	11

INSTRUMENTED SETTLEMENT PLATE COORDINATES		
POINT	NORTHING	EASTING
ISP1	483,063.91	2,541,071.98
ISP2	482,733.89	2,544,449.58
ISP3	481,018.43	2,545,389.40

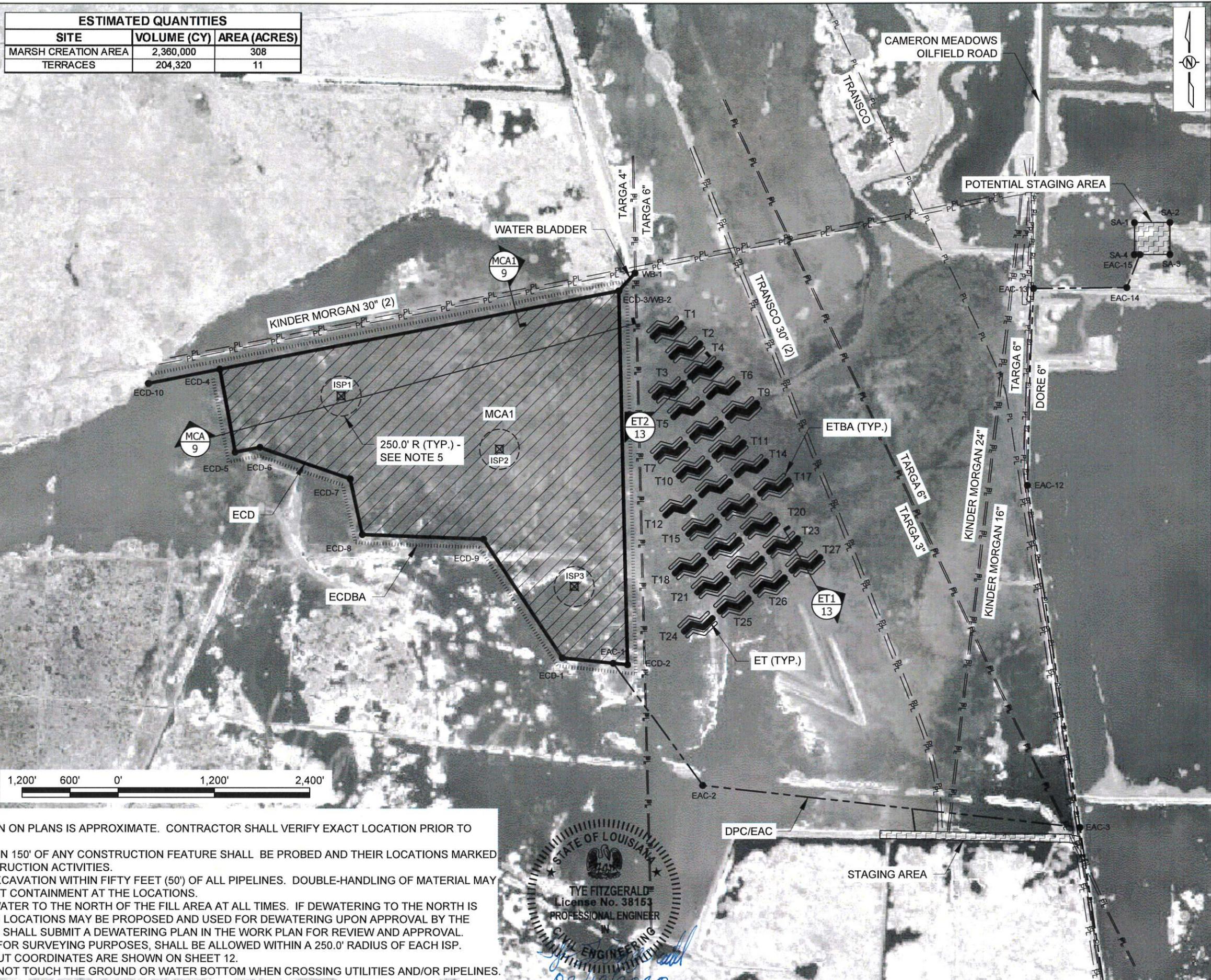
WATER BLADDER COORDINATES		
POINT	NORTHING	EASTING
WB-1	484,932.03	2,546,142.62
WB-2	484,709.28	2,545,938.90

DREDGE PIPELINE/ EQUIPMENT ACCESS CORRIDOR CENTERLINE COORDINATES		
POINT	NORTHING	EASTING
EAC-1	480,062.50	2,545,880.14
EAC-2	478,541.46	2,547,006.28
EAC-3	478,006.76	2,551,755.55
EAC-12	482,283.04	2,551,099.35
EAC-13	484,730.50	2,551,173.41
EAC-14	484,737.81	2,552,351.73
EAC-15	485,147.67	2,552,515.80

POTENTIAL STAGING AREA COORDINATES		
POINT	NORTHING	EASTING
SA-1	485,547.22	2,552,447.58
SA-2	485,547.22	2,552,892.55
SA-3	485,147.67	2,552,892.55
SA-4	485,147.67	2,552,447.58

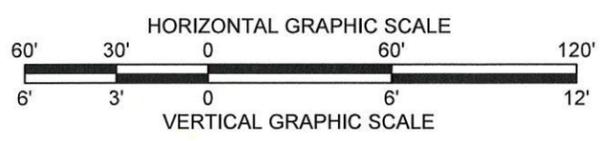
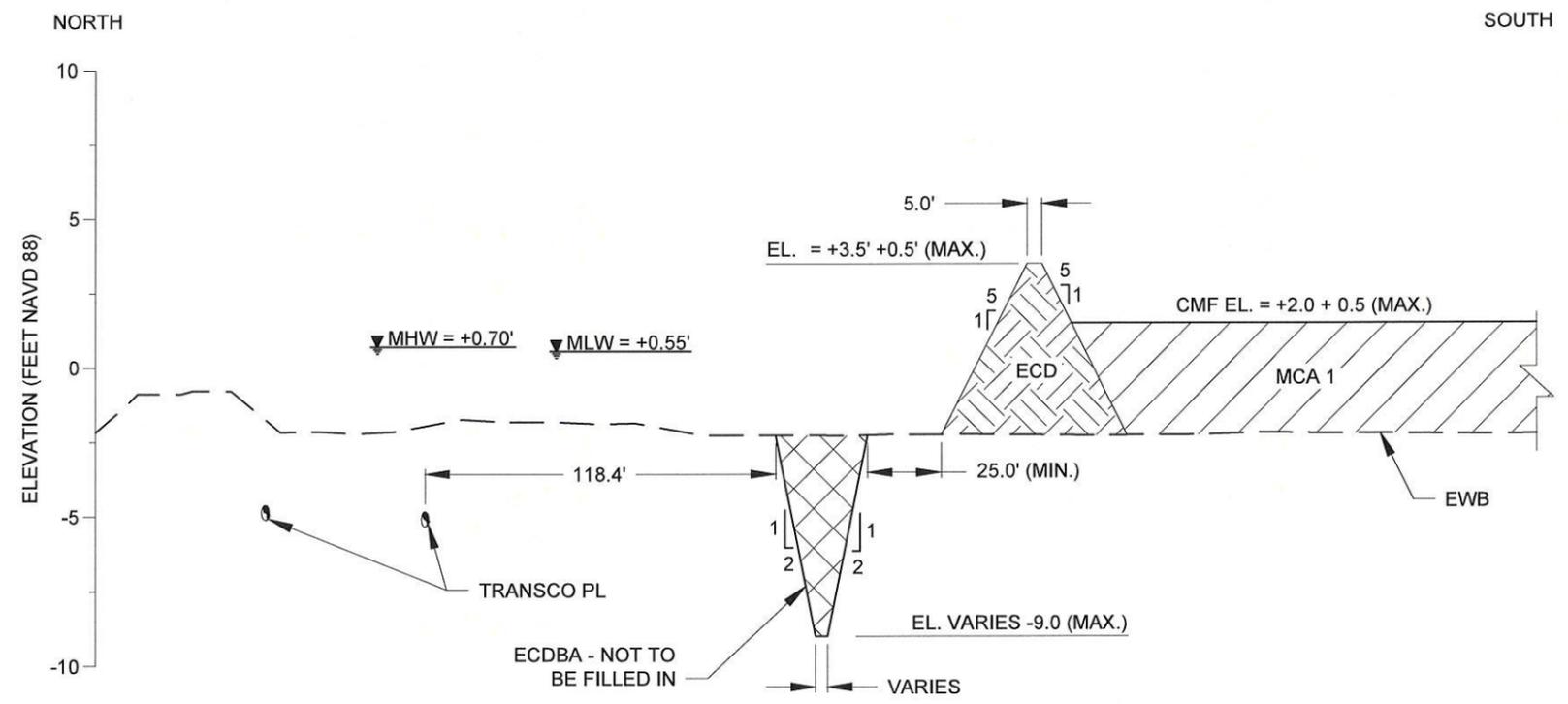
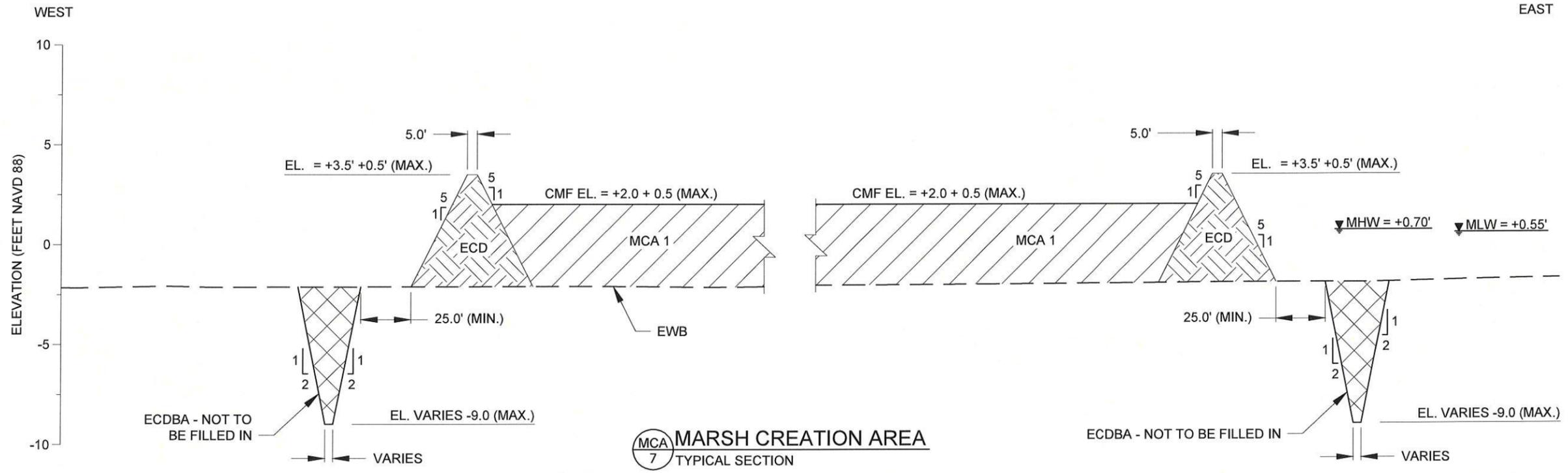


- NOTES:
1. PIPELINE INFORMATION SHOWN ON PLANS IS APPROXIMATE. CONTRACTOR SHALL VERIFY EXACT LOCATION PRIOR TO CONSTRUCTION.
 2. ALL PIPELINES LOCATED WITHIN 150' OF ANY CONSTRUCTION FEATURE SHALL BE PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES.
 3. CONTRACTOR SHALL AVOID EXCAVATION WITHIN FIFTY FEET (50') OF ALL PIPELINES. DOUBLE-HANDLING OF MATERIAL MAY BE NECESSARY TO CONSTRUCT CONTAINMENT AT THE LOCATIONS.
 4. THE CONTRACTOR SHALL DEWATER TO THE NORTH OF THE FILL AREA AT ALL TIMES. IF DEWATERING TO THE NORTH IS NOT FEASIBLE, THEN EASTERN LOCATIONS MAY BE PROPOSED AND USED FOR DEWATERING UPON APPROVAL BY THE ENGINEER. THE CONTRACTOR SHALL SUBMIT A DEWATERING PLAN IN THE WORK PLAN FOR REVIEW AND APPROVAL.
 5. NO EQUIPMENT, OTHER THAN FOR SURVEYING PURPOSES, SHALL BE ALLOWED WITHIN A 250.0' RADIUS OF EACH ISP.
 6. THE EARTHEN TERRACE LAYOUT COORDINATES ARE SHOWN ON SHEET 12.
 7. THE DREDGE PIPELINE SHALL NOT TOUCH THE GROUND OR WATER BOTTOM WHEN CROSSING UTILITIES AND/OR PIPELINES.



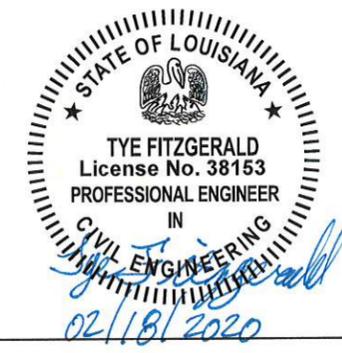
REV.	DATE	DESCRIPTION	BY

COASTAL PROTECTION AND RESTORATION AUTHORITY	
150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	
MARSH CREATION AND EARTHEN TERRACE LAYOUT	DESIGNED BY: TYE FITZGERALD, P.E. - 0038153
CAMERON MEADOWS MARSH CREATION AND TERRACING	APPROVED BY: RUDY SIMONEAUX, P.E.
STATE PROJECT NUMBER: CS-0066	DRAWN BY: SHANE FAUST
DATE: FEBRUARY 2020	
SHEET 7 OF 63	

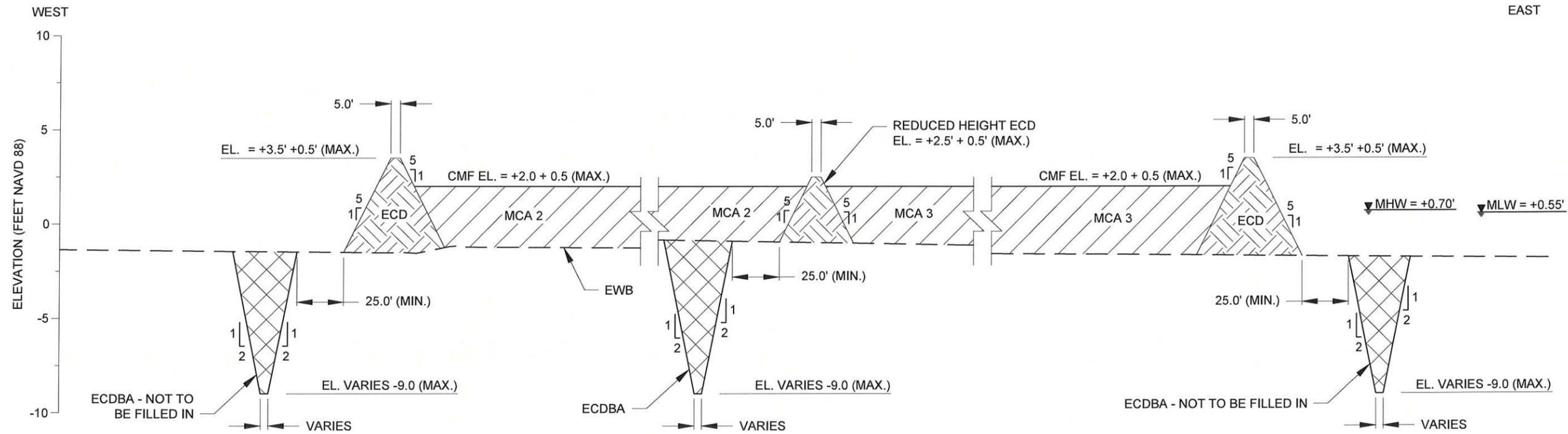


- NOTES:
1. THE EARTHEN CONTAINMENT DIKES SHALL BE CONSTRUCTED USING IN-SITU MATERIAL.
 2. EXTERNAL DIKE BORROW AREA WILL NOT BE BACKFILLED AT THE END OF CONSTRUCTION.

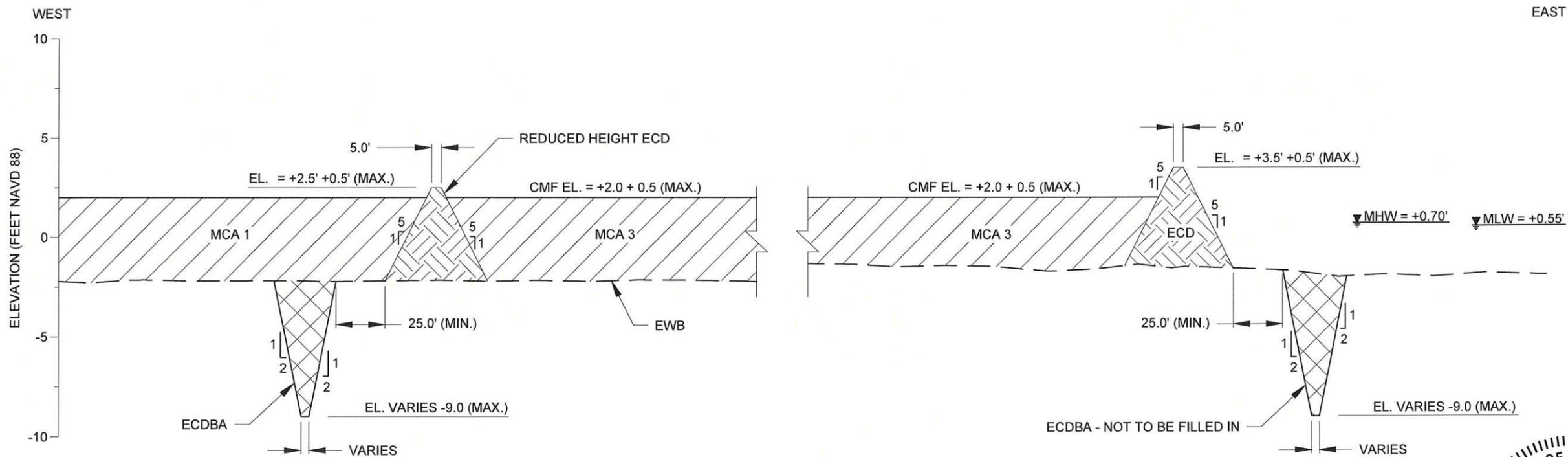
MCA 7 TYPICAL SECTION



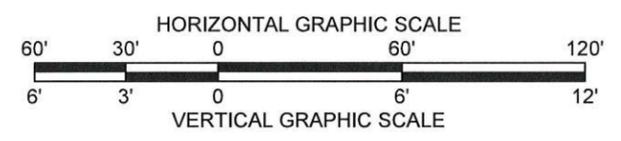
CAMERAON MEADOWS MARSH CREATION AND TERRACING		DESIGNED BY: TYE FITZGERALD, P.E. - 0038153		APPROVED BY: RUDY SIMONEAUX, P.E.	
MARSH CREATION AREA TYPICAL SECTIONS		DATE: FEBRUARY 2020		SHEET 9 OF 63	
COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802		REV.	DATE	DESCRIPTION	BY



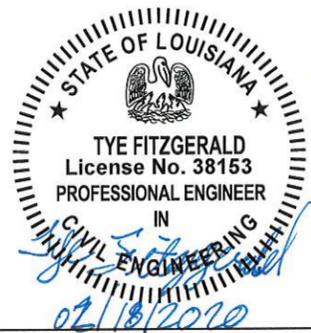
MCA 8 MARSH CREATION AREA
8 TYPICAL SECTION



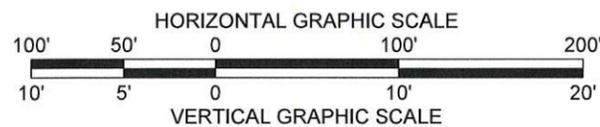
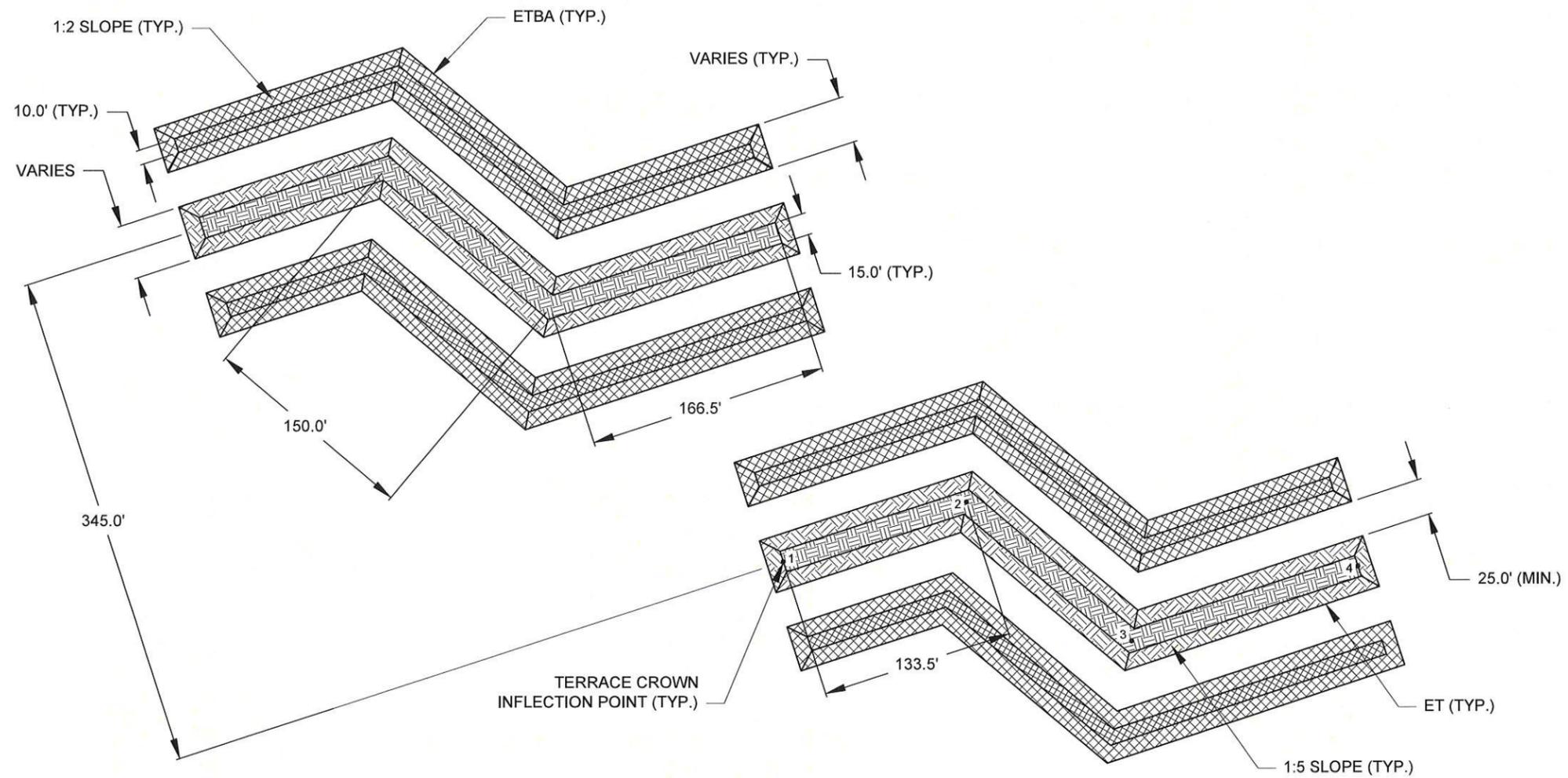
MCA 3 MARSH CREATION AREA
8 TYPICAL SECTION



- NOTES:
1. THE EARTHEN CONTAINMENT DIKES SHALL BE CONSTRUCTED USING IN-SITU MATERIAL.
 2. EXTERNAL DIKE BORROW AREA WILL NOT BE BACKFILLED AT THE END OF CONSTRUCTION.



COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	
MARSH CREATION AREA TYPICAL SECTIONS	DESIGNED BY: TYE FITZGERALD, P.E. - 0038153 APPROVED BY: RUDY SIMONEAUX, P.E.
CAMERAON MEADOWS MARSH CREATION AND TERRACING	STATE PROJECT NUMBER: CS-0066 DRAWN BY: SHANE FAUST
DATE: FEBRUARY 2020	REVISIONS:
SHEET 10 OF 63	DESCRIPTION
	DATE
	REV.
	BY



TYPICAL EARTHEN TERRACE DETAIL
PLAN VIEW

- NOTES:
1. THE EARTHEN TERRACES SHALL BE CONSTRUCTED USING IN-SITU MATERIAL.
 2. SEE SHEET 12 FOR TERRACE CROWN INFLECTION POINTS.



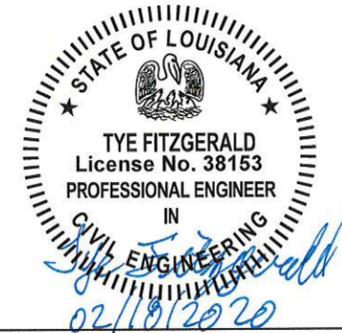
REV.	DATE	DESCRIPTION	BY

COASTAL PROTECTION AND RESTORATION AUTHORITY
150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

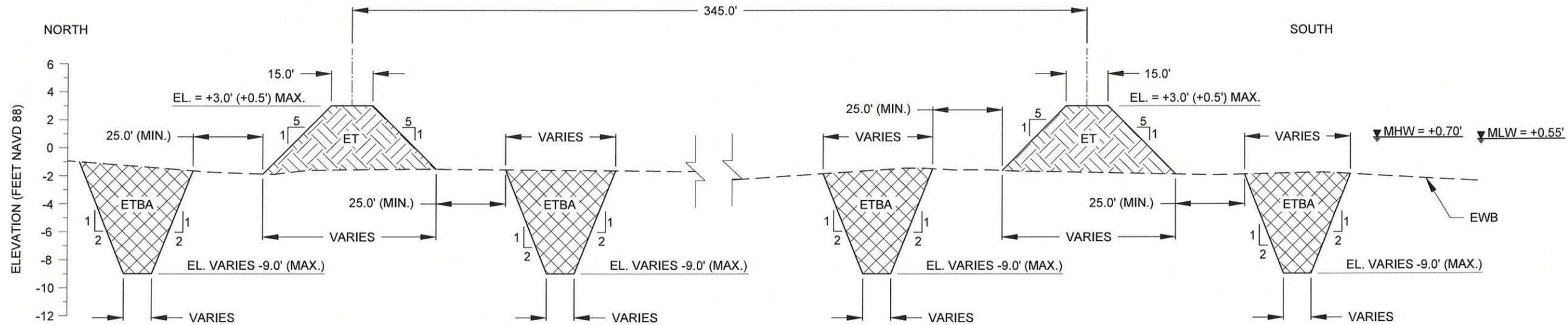
TYPICAL EARTHEN TERRACE DETAILS
DESIGNED BY: TYNE FITZGERALD, P.E. - 0038153
APPROVED BY: RUDY SIMONEAUX, P.E.

CAMERON MEADOWS MARSH CREATION AND TERRACING
STATE PROJECT NUMBER: CS-0066
DRAWN BY: SHANE FAUST

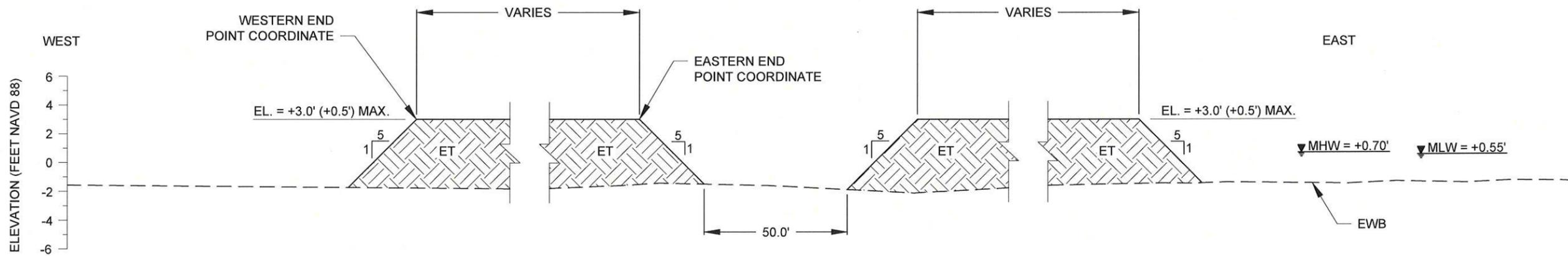
EARTHEN TERRACE INFLECTION POINT COORDINATES							
TERRACE	COORDINATE	NORTHING	EASTING	TERRACE	COORDINATE	NORTHING	EASTING
T1	1	484,138.28	2,546,366.31	T15	1	481,670.32	2,546,817.62
	2	484,230.30	2,546,463.04		2	481,762.34	2,546,914.34
	3	484,192.92	2,546,608.30		3	481,724.96	2,547,059.61
	4	484,307.69	2,546,728.93		4	481,839.73	2,547,180.24
T2	1	483,888.33	2,546,604.11	T16	1	481,923.43	2,547,267.70
	2	483,980.34	2,546,700.83		2	482,015.45	2,547,364.42
	3	483,942.97	2,546,846.10		3	481,978.07	2,547,509.69
	4	484,057.74	2,546,966.73		4	482,092.84	2,547,630.32
T3	1	483,385.27	2,546,391.84	T17	1	482,176.53	2,547,717.77
	2	483,477.28	2,546,488.56		2	482,268.55	2,547,814.49
	3	483,439.91	2,546,633.83		3	482,231.18	2,547,959.76
	4	483,554.68	2,546,754.46		4	482,345.94	2,548,080.39
T4	1	483,638.37	2,546,841.91	T18	1	481,180.94	2,546,650.99
	2	483,730.39	2,546,938.63		2	481,272.96	2,546,747.71
	3	483,693.02	2,547,083.90		3	481,235.58	2,546,892.98
	4	483,807.78	2,547,204.53		4	481,350.35	2,547,013.61
T5	1	483,135.31	2,546,629.64	T19	1	481,434.04	2,547,101.07
	2	483,227.33	2,546,726.36		2	481,526.06	2,547,197.79
	3	483,189.96	2,546,871.63		3	481,488.69	2,547,343.06
	4	483,304.72	2,546,992.26		4	481,603.45	2,547,463.69
T6	1	483,388.42	2,547,079.71	T20	1	481,687.15	2,547,551.14
	2	483,480.44	2,547,176.43		2	481,779.17	2,547,647.86
	3	483,443.06	2,547,321.70		3	481,741.80	2,547,793.13
	4	483,357.83	2,547,442.33		4	481,856.56	2,547,913.76
T7	1	482,632.25	2,546,417.36	T21	1	480,944.66	2,546,934.44
	2	482,724.27	2,546,514.08		2	481,036.68	2,547,031.16
	3	482,656.90	2,546,659.35		3	480,999.31	2,547,176.43
	4	482,801.66	2,546,479.98		4	481,114.07	2,547,297.06
T8	1	482,885.36	2,546,867.44	T22	1	481,197.77	2,547,384.51
	2	482,977.38	2,546,964.16		2	481,289.79	2,547,481.24
	3	482,940.00	2,547,109.43		3	481,252.41	2,547,626.50
	4	483,054.77	2,547,230.06		4	481,367.18	2,547,747.13
T9	1	483,138.47	2,547,317.51	T23	1	481,450.88	2,547,834.59
	2	483,230.48	2,547,414.23		2	481,542.89	2,547,931.31
	3	483,193.11	2,547,559.50		3	481,505.52	2,548,076.58
	4	483,307.88	2,547,680.13		4	481,620.29	2,548,197.21
T10	1	482,395.98	2,546,700.81	T24	1	480,455.28	2,546,767.81
	2	482,488.00	2,546,797.53		2	480,547.30	2,546,864.53
	3	482,450.62	2,546,942.80		3	480,509.93	2,547,009.80
	4	482,565.39	2,547,063.43		4	480,624.69	2,547,130.43
T11	1	482,649.08	2,547,150.88	T25	1	480,708.39	2,547,217.88
	2	482,741.10	2,547,247.60		2	480,800.41	2,547,314.61
	3	482,703.73	2,547,392.87		3	480,763.03	2,547,459.88
	4	482,818.48	2,547,513.50		4	480,877.80	2,547,580.51
T12	1	481,906.60	2,546,534.49	T26	1	480,961.49	2,547,667.96
	2	481,998.61	2,546,630.90		2	481,053.51	2,547,764.68
	3	481,961.24	2,546,776.17		3	481,016.14	2,547,909.95
	4	482,076.00	2,546,896.80		4	481,130.90	2,548,030.58
T13	1	482,159.70	2,546,984.25	T27	1	481,214.60	2,548,118.03
	2	482,251.72	2,547,080.97		2	481,306.62	2,548,214.76
	3	482,214.35	2,547,226.24		3	481,269.25	2,548,360.02
	4	482,329.11	2,547,346.87		4	481,384.01	2,548,480.65
T14	1	482,412.81	2,547,434.33				
	2	482,504.83	2,547,531.05				
	3	482,467.45	2,547,676.32				
	4	482,582.22	2,547,796.95				



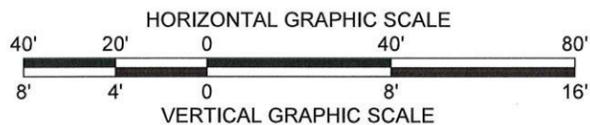
COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802		DATE	REV.	DESCRIPTION	BY
EARTHEN TERRACE COORDINATES					
CAMERON MEADOWS MARSH CREATION AND TERRACING		DESIGNED BY: TYE FITZGERALD, P.E. - 0038153	APPROVED BY: RUDY SIMONEAUX, P.E.		
		STATE PROJECT NUMBER: CS-0066	DRAWN BY: SHANE FAUST		
		DATE: FEBRUARY 2020			
		SHEET 12 OF 63			



ET1 EARTHEN TERRACE
7 TYPICAL SECTION



ET2 EARTHEN TERRACE
7 TYPICAL SECTION



NOTE:
THE EARTHEN TERRACES SHALL BE CONSTRUCTED USING IN-SITU MATERIAL.



COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	
TYPICAL EARTHEN TERRACE SECTIONS	DESIGNED BY: TYE FITZGERALD, P.E. - 0038153 APPROVED BY: RUDY SIMONEAUX, P.E.
CAMERON MEADOWS MARSH CREATION AND TERRACING	STATE PROJECT NUMBER: CS-0066 DRAWN BY: SHANE FAUST
DATE: FEBRUARY 2020	SHEET 13 OF 63

MATCH LINE A

40.0'

DPC/EAC

LONG BEACH ROAD

GULF OF MEXICO

100' 50' 0' 100' 200'

NOTES:

1. DREDGE PIPELINE SHALL BE PLACED ON THE WEST SHOULDER OF LONG BEACH ROAD.
2. INSTALLATION OF THE DREDGE PIPELINE MUST AVOID IMPACTS TO OVERHEAD POWER LINES.
3. ACCESS TO LONG BEACH ROAD AND DRIVEWAYS MUST BE MAINTAINED DURING CONSTRUCTION, EXCEPT DURING THE 24 HOUR PERIOD ALLOTTED TO INSTALL THE DREDGE PIPELINE AT THE LONG BEACH ROAD CROSSING.
4. ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.
5. BIRD ABATEMENT PLAN SHALL BE PROVIDED IN THE WORK PLAN.
6. BEACH SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS PRIOR TO DEMOBILIZATION.



REV.	DATE	DESCRIPTION	BY

COASTAL PROTECTION AND RESTORATION AUTHORITY
 150 TERRACE AVENUE
 BATON ROUGE, LOUISIANA 70802

DREDGE PIPELINE AND EQUIPMENT ACCESS CORRIDOR LAYOUT
 DESIGNED BY: TYE FITZGERALD, P.E. - 0038153
 APPROVED BY: RUDY SIMONEAUX, P.E.

CAMERON MEADOWS MARSH CREATION AND TERRACING
 STATE PROJECT NUMBER: CS-0066
 DRAWN BY: SHANE FAUST

DATE: FEBRUARY 2020

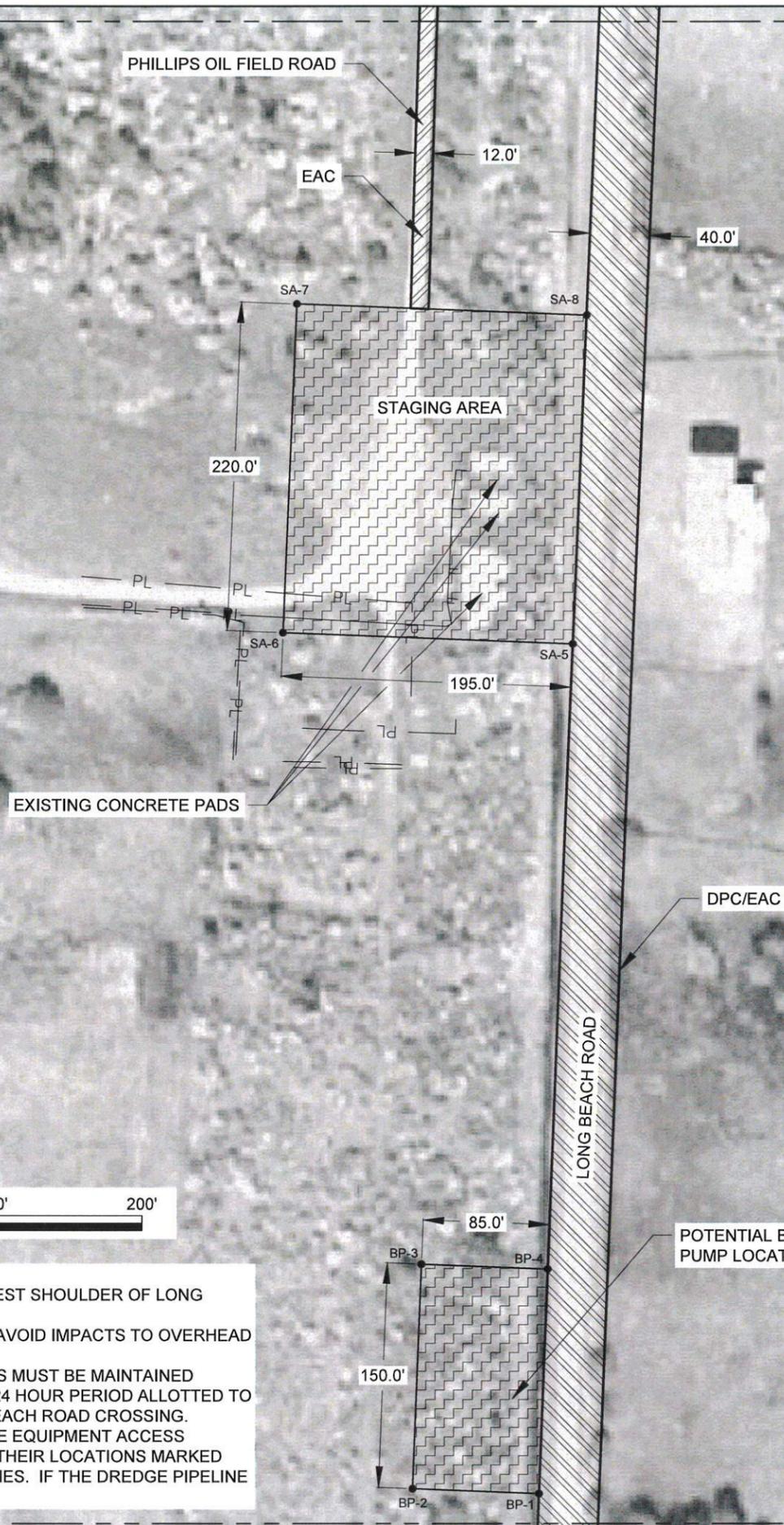
MATCH LINE B

EQUIPMENT STAGING AREA COORDINATES

POINT	NORTHING	EASTING
SA-5	464,597.14	2,552,912.64
SA-6	464,604.63	2,552,717.65
SA-7	464,824.32	2,552,726.09
SA-8	464,816.83	2,552,921.08

POTENTIAL BOOSTER PUMP COORDINATES

POINT	NORTHING	EASTING
BP-1	460,029.63	2,552,890.84
BP-2	464,032.89	2,552,805.90
BP-3	464,182.78	2,552,811.66
BP-4	464,179.52	2,552,896.60

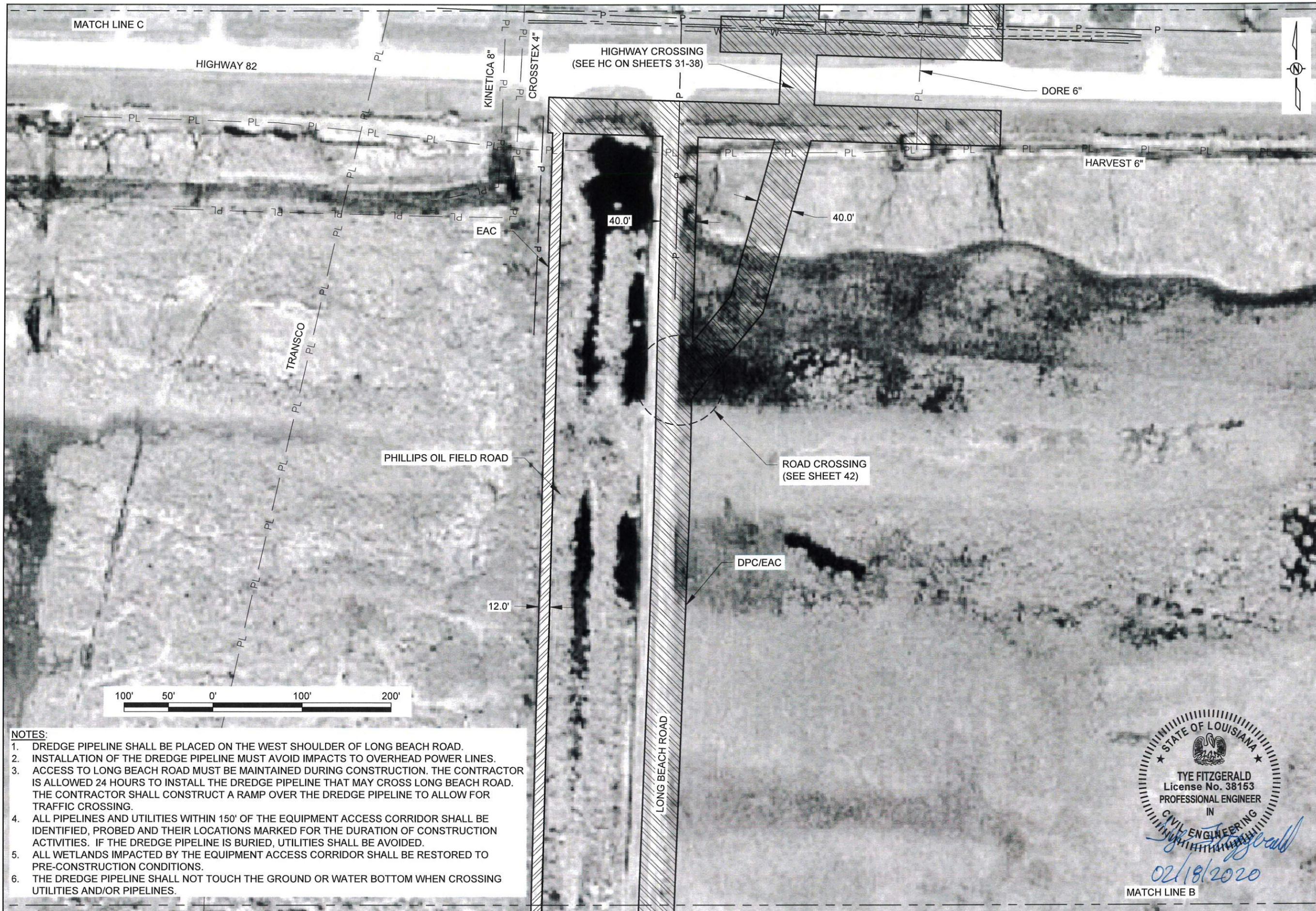


- NOTES:**
1. DREDGE PIPELINE SHALL BE PLACED ON THE WEST SHOULDER OF LONG BEACH ROAD.
 2. INSTALLATION OF THE DREDGE PIPELINE MUST AVOID IMPACTS TO OVERHEAD POWER LINES.
 3. ACCESS TO LONG BEACH ROAD AND DRIVEWAYS MUST BE MAINTAINED DURING CONSTRUCTION, EXCEPT DURING THE 24 HOUR PERIOD ALLOTTED TO INSTALL THE DREDGE PIPELINE AT THE LONG BEACH ROAD CROSSING.
 4. ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.



MATCH LINE A

COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	
DREDGE PIPELINE AND EQUIPMENT ACCESS CORRIDOR LAYOUT	DESIGNED BY: TYE FITZGERALD, P.E. - 0038153 APPROVED BY: RUDY SIMONEAUX, P.E.
CAMERON MEADOWS MARSH CREATION AND TERRACING	STATE PROJECT NUMBER: CS-0066 DRAWN BY: SHANE FAUST
DATE: FEBRUARY 2020	SHEET 15 OF 63
REV.	DATE
DESCRIPTION	BY

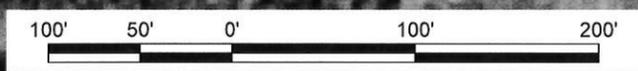


- NOTES:**
1. DREDGE PIPELINE SHALL BE PLACED ON THE WEST SHOULDER OF LONG BEACH ROAD.
 2. INSTALLATION OF THE DREDGE PIPELINE MUST AVOID IMPACTS TO OVERHEAD POWER LINES.
 3. ACCESS TO LONG BEACH ROAD MUST BE MAINTAINED DURING CONSTRUCTION. THE CONTRACTOR IS ALLOWED 24 HOURS TO INSTALL THE DREDGE PIPELINE THAT MAY CROSS LONG BEACH ROAD. THE CONTRACTOR SHALL CONSTRUCT A RAMP OVER THE DREDGE PIPELINE TO ALLOW FOR TRAFFIC CROSSING.
 4. ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.
 5. ALL WETLANDS IMPACTED BY THE EQUIPMENT ACCESS CORRIDOR SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS.
 6. THE DREDGE PIPELINE SHALL NOT TOUCH THE GROUND OR WATER BOTTOM WHEN CROSSING UTILITIES AND/OR PIPELINES.

STATE OF LOUISIANA
 TYE FITZGERALD
 License No. 38153
 PROFESSIONAL ENGINEER
 IN
 CIVIL ENGINEERING
Tye Fitzgerald
 02/18/2020

COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802		DREDGE PIPELINE AND EQUIPMENT ACCESS CORRIDOR LAYOUT	DESIGNED BY: TYE FITZGERALD, P.E. - 0038153 APPROVED BY: RUDY SIMONEAUX, P.E.
CAMERON MEADOWS MARSH CREATION AND TERRACING		STATE PROJECT NUMBER: CS-0066	DRAWN BY: SHANE FAUST
REV.	DATE	DATE: FEBRUARY 2020	
		SHEET 16 OF 63	

MATCH LINE D



- NOTES:**
1. DREDGE PIPELINE SHALL BE PLACED ON THE EAST SHOULDER OF CAMERON MEADOWS OIL FIELD ROAD, NORTH OF THE ROAD CROSSING.
 2. INSTALLATION OF THE DREDGE PIPELINE MUST AVOID IMPACTS TO OVERHEAD POWER LINES.
 3. ACCESS TO CAMERON MEADOWS OIL FIELD ROAD AND DRIVEWAYS MUST BE MAINTAINED DURING CONSTRUCTION. THE CONTRACTOR IS ALLOWED 24 HOURS TO INSTALL THE DREDGE PIPELINE THAT MAY CROSS CAMERON MEADOWS OIL FIELD ROAD. THE CONTRACTOR SHALL CONSTRUCT A RAMP OVER THE DREDGE PIPELINE TO ALLOW FOR 18 WHEELER TRAFFIC CROSSING.
 4. ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.
 5. ALL WETLANDS IMPACTED BY THE EQUIPMENT ACCESS CORRIDOR SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS.
 6. THE DREDGE PIPELINE SHALL NOT TOUCH THE GROUND OR WATER BOTTOM WHEN CROSSING UTILITIES AND/OR PIPELINES.



CAMERON MEADOWS OIL FIELD ROAD

40.0'

DPC/EAC

DRIVEWAY CROSSING
(SEE SHEET 46)

UNKNOWN

TARGA 6"

KINETICA 16"

TRANSKO 16"

TARGA

ROAD CROSSING
(SEE SHEET 42)

40.0'

DORE 6"

MATCH LINE C



COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802		DESIGNED BY: TYE FITZGERALD, P. E. - 0038153	APPROVED BY: RUDY SIMONEAUX, P. E.
DREDGE PIPELINE AND EQUIPMENT ACCESS CORRIDOR LAYOUT		STATE PROJECT NUMBER: CS-0066	DRAWN BY: SHANE FAUST
CAMERON MEADOWS MARSH CREATION AND TERRACING		DATE: FEBRUARY 2020	SHEET 17 OF 63
REV.	DATE	DESCRIPTION	BY

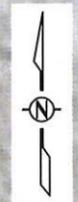
MATCH LINE E

POTENTIAL BOOSTER PUMP COORDINATES

POINT	NORTHING	EASTING
BP-5	467,231.86	2,553,366.66
BP-6	467,230.01	2,553,451.64
BP-7	467,379.97	2,553,454.90
BP-8	467,381.82	2,553,369.92



- NOTES:**
1. DREDGE PIPELINE SHALL BE PLACED ON THE EAST SHOULDER OF CAMERON MEADOWS OIL FIELD ROAD.
 2. INSTALLATION OF THE DREDGE PIPELINE SHALL AVOID IMPACTS TO OVERHEAD POWER LINES.
 3. ACCESS TO CAMERON MEADOWS OIL FIELD ROAD AND DRIVEWAYS SHALL BE MAINTAINED DURING CONSTRUCTION, EXCEPT DURING THE 24 HOUR PERIOD ALLOTTED TO INSTALL THE DREDGE PIPELINE AT THE CAMERON MEADOWS OIL FIELD ROAD CROSSING.
 4. ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.
 5. THE DREDGE PIPELINE SHALL NOT TOUCH THE GROUND OR WATER BOTTOM WHEN CROSSING UTILITIES AND/OR PIPELINES.



REV.	DATE	DESCRIPTION	BY

COASTAL PROTECTION AND RESTORATION AUTHORITY
 150 TERRACE AVENUE
 BATON ROUGE, LOUISIANA 70802

DREDGE PIPELINE AND EQUIPMENT ACCESS CORRIDOR LAYOUT
 DESIGNED BY: TYE FITZGERALD, P.E. - 0038153
 APPROVED BY: RUDY SIMONEAUX, P.E.

CAMERON MEADOWS MARSH CREATION AND TERRACING
 STATE PROJECT NUMBER: CS-0066
 DRAWN BY: SHANE FAUST

MATCH LINE F

BOAT LAUNCH CROSSING COORDINATES

POINT	NORTHING	EASTING
BL-1	468,119.88	2,553,286.54
BL-2	468,124.64	2,553,316.16
BL-3	468,223.28	2,553,300.30
BL-4	468,218.52	2,553,270.68



NOTES:

- DREDGE PIPELINE SHALL BE PLACED ON THE EAST SHOULDER OF CAMERON MEADOWS OIL FIELD ROAD.
- INSTALLATION OF THE DREDGE PIPELINE MUST AVOID IMPACTS TO OVERHEAD POWER LINES.
- ACCESS TO CAMERON MEADOWS OIL FIELD ROAD AND BOAT LAUNCH SHALL BE MAINTAINED DURING CONSTRUCTION, EXCEPT DURING THE 24 HOUR PERIOD ALLOTTED TO INSTALL THE DREDGE PIPELINE AT THE CAMERON MEADOWS OIL FIELD ROAD CROSSING. THE BOAT LAUNCH SHALL BE RELOCATED (SEE SHEET 45 FOR DETAILS) BY THE CONTRACTOR APPROXIMATELY 60' NORTHWARD TO AVOID EXISTING PIPELINES.
- ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.
- DREDGE PIPELINE MUST FLOAT ON EAST SIDE OF WOODEN BRIDGE.
- THE DREDGE PIPELINE SHALL NOT TOUCH THE GROUND OR WATER BOTTOM WHEN CROSSING UTILITIES AND/OR PIPELINES.

EXISTING BOAT LAUNCH

CHENIER CREOLE

WOODEN BRIDGE
(SEE NOTE 5)

DORE 6"

DPC/EAC

TRANSCO

CAMERON MEADOWS OIL FIELD ROAD

30.0'

BL-4

BL-3

100.0'

60.0'

BL-1

BL-2

BOAT LAUNCH 1 CROSSING AND RELOCATION
(SEE NOTE 3)

COLUMBIA GULF

MATCH LINE E



REV.	DATE	DESCRIPTION	BY

COASTAL PROTECTION AND RESTORATION AUTHORITY
150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

DREDGE PIPELINE AND EQUIPMENT ACCESS CORRIDOR LAYOUT
DESIGNED BY: TYE FITZGERALD, P.E. - 0038153
APPROVED BY: RUDY SIMONEAUX, P.E.

CAMERON MEADOWS MARSH CREATION AND TERRACING
STATE PROJECT NUMBER: CS-0066
DRAWN BY: SHANE FAUST

DATE: FEBRUARY 2020

MATCH LINE G

CATTLE GUARD CROSSING COORDINATES		
POINT	NORTHING	EASTING
CG-1	469,372.50	2,553,089.59
CG-2	469,376.99	2,553,119.26
CG-3	469,416.54	2,553,113.28
CG-4	469,412.05	2,553,083.61



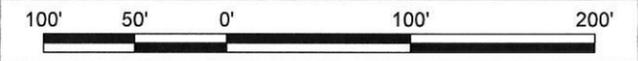
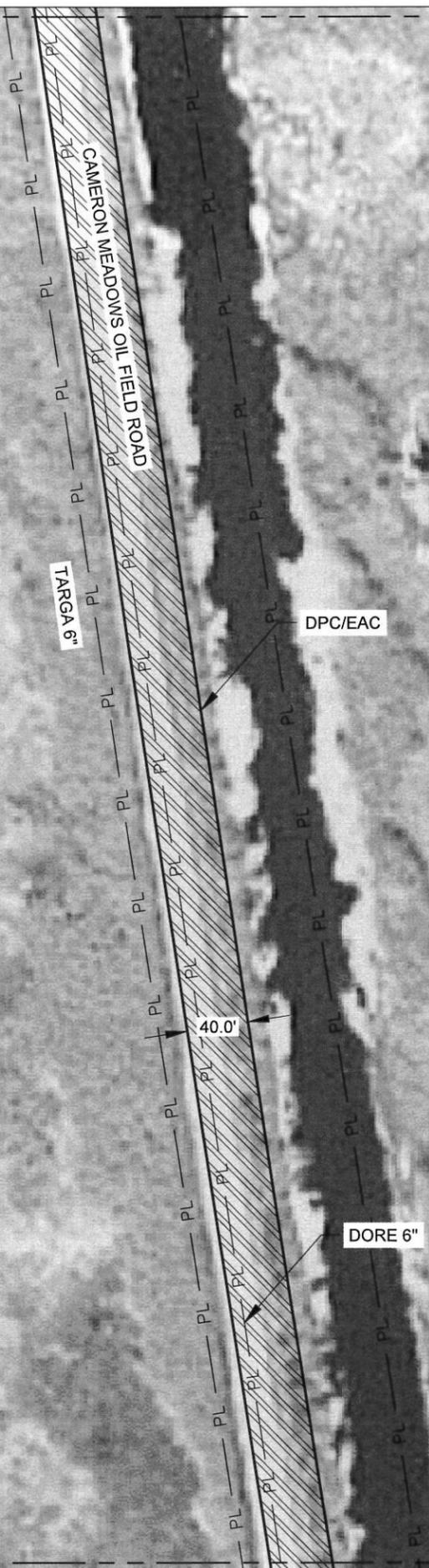
- NOTES:**
1. DREDGE PIPELINE SHALL BE PLACED ON THE EAST SHOULDER OF CAMERON MEADOWS OIL FIELD ROAD.
 2. INSTALLATION OF THE DREDGE PIPELINE MUST AVOID IMPACTS TO OVERHEAD POWER LINES.
 3. MUST MAINTAIN ACCESS OF CAMERON MEADOWS OIL FIELD ROAD.
 4. ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.
 5. DREDGE PIPELINE MUST FLOAT ON EAST SIDE OF WOODEN BRIDGE.



MATCH LINE F

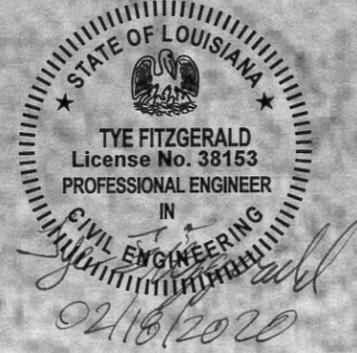
COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802		DESIGNED BY: TYE FITZGERALD, P. E. - 0038153	APPROVED BY: RUDY SIMONEAUX, P. E.
DREDGE PIPELINE AND EQUIPMENT ACCESS CORRIDOR LAYOUT		CAMERON MEADOWS MARSH CREATION AND TERRACING	STATE PROJECT NUMBER: CS-0066
REV.	DATE	DRAWN BY: SHANE FAUST	DATE: FEBRUARY 2020
			SHEET 20 OF 63

MATCH LINE H



- NOTES:**
1. DREDGE PIPELINE SHALL BE PLACED ON THE EAST SHOULDER OF CAMERON MEADOWS OIL FIELD ROAD.
 2. INSTALLATION OF THE DREDGE PIPELINE MUST AVOID IMPACTS TO OVERHEAD POWER LINES.
 3. MUST MAINTAIN ACCESS OF CAMERON MEADOWS OIL FIELD ROAD.
 4. ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.

MATCH LINE G



REV.	DATE	DESCRIPTION	BY

COASTAL PROTECTION AND RESTORATION AUTHORITY
 150 TERRACE AVENUE
 BATON ROUGE, LOUISIANA 70802

DREDGE PIPELINE AND EQUIPMENT ACCESS CORRIDOR LAYOUT
 DESIGNED BY: TYE FITZGERALD, P.E. - 0038153
 APPROVED BY: RUDY SIMONEAUX, P.E.

CAMERON MEADOWS MARSH CREATION AND TERRACING
 STATE PROJECT NUMBER: CS-0066
 DRAWN BY: SHANE FAUST

DATE: FEBRUARY 2020



MATCH LINE I

BOAT LAUNCH CROSSING COORDINATES

POINT	NORTHING	EASTING
BL-5	471,068.88	2,552,827.77
BL-6	471,073.73	2,552,857.38
BL-7	471,172.49	2,552,842.28
BL-8	471,167.73	2,552,812.66



- NOTES:**
1. DREDGE PIPELINE SHALL BE PLACED ON THE EAST SHOULDER OF CAMERON MEADOWS OIL FIELD ROAD.
 2. INSTALLATION OF THE DREDGE PIPELINE MUST AVOID IMPACTS TO OVERHEAD POWER LINES.
 3. BOAT LAUNCH ACCESS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION WITH THE EXCEPTION OF THE INSTALLATION OF THE DREDGE PIPELINE CROSSING. TWENTY-FOUR (24) HOURS WILL BE GIVEN FOR CROSSING INSTALLATION (SEE SHEET 45 FOR DETAILS).
 4. MUST MAINTAIN ACCESS OF CAMERON MEADOWS OIL FIELD ROAD.
 5. ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.

BOAT LAUNCH 2 CROSSING

TARGA 6"

DPC/EAC

DORE 6"



MATCH LINE H

REV.	DATE	DESCRIPTION	BY

COASTAL PROTECTION AND RESTORATION AUTHORITY
 150 TERRACE AVENUE
 BATON ROUGE, LOUISIANA 70802

DREDGE PIPELINE AND EQUIPMENT ACCESS CORRIDOR LAYOUT
 DESIGNED BY: TYE FITZGERALD, P.E. - 0038153
 APPROVED BY: RUDY SIMONEAUX, P.E.

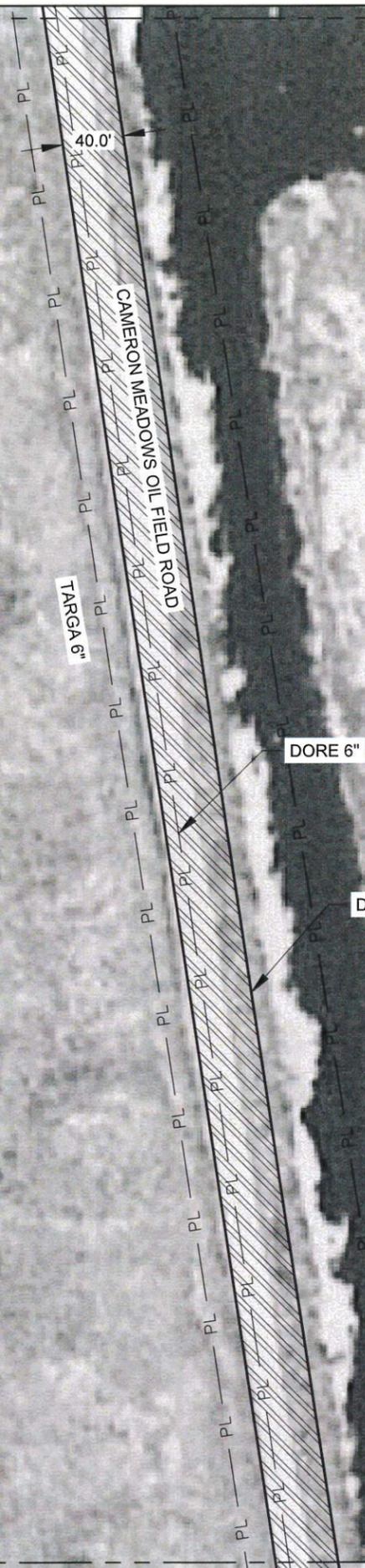
CAMERON MEADOWS MARSH CREATION AND TERRACING
 STATE PROJECT NUMBER: CS-0066
 DRAWN BY: SHANE FAUST

DATE: FEBRUARY 2020

MATCH LINE J



- NOTES:**
1. DREDGE PIPELINE SHALL BE PLACED ON THE EAST SHOULDER OF CAMERON MEADOWS OIL FIELD ROAD.
 2. INSTALLATION OF THE DREDGE PIPELINE MUST AVOID IMPACTS TO OVERHEAD POWER LINES.
 3. MUST MAINTAIN ACCESS OF CAMERON MEADOWS OIL FIELD ROAD.
 4. ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.



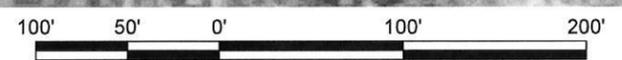
MATCH LINE I

CAMERON MEADOWS MARSH CREATION AND TERRACING		DREDGE PIPELINE AND EQUIPMENT ACCESS CORRIDOR LAYOUT		COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	
DATE:	FEBRUARY 2020	DESIGNED BY:	TYE FITZGERALD, P.E. - 0038153	REV.	
SHEET	23 OF 63	APPROVED BY:	RUDY SIMONEAUX, P.E.	DATE	
		DRAWN BY:	SHANE FAUST	DESCRIPTION	
				BY	

MATCH LINE K

BOAT LAUNCH CROSSING COORDINATES

POINT	NORTHING	EASTING
BL-9	473,642.42	2,552,437.95
BL-10	473,647.37	2,552,467.56
BL-11	473,746.04	2,552,452.46
BL-12	473,741.27	2,552,422.84



- NOTES:**
- DREDGE PIPELINE SHALL BE PLACED ON THE EAST SHOULDER OF CAMERON MEADOWS OIL FIELD ROAD.
 - INSTALLATION OF THE DREDGE PIPELINE MUST AVOID IMPACTS TO OVERHEAD POWER LINES.
 - ACCESS TO CAMERON MEADOWS OIL FIELD ROAD AND BOAT LAUNCH MUST BE MAINTAINED DURING CONSTRUCTION, EXCEPT DURING THE 24 HOUR PERIOD ALLOTTED TO INSTALL THE DREDGE PIPELINE AT THE CAMERON MEADOWS OIL FIELD ROAD CROSSING. THE BOAT LAUNCH SHALL BE RELOCATED (SEE SHEET 45 FOR DETAILS) BY THE CONTRACTOR APPROXIMATELY 87.5' SOUTHWARD TO AVOID EXISTING PIPELINES.
 - ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.
 - THE DREDGE PIPELINE SHALL NOT TOUCH THE GROUND OR WATER BOTTOM WHEN CROSSING UTILITIES AND/OR PIPELINES.



MATCH LINE J

REV.	DATE	DESCRIPTION	BY

COASTAL PROTECTION AND RESTORATION AUTHORITY
 150 TERRACE AVENUE
 BATON ROUGE, LOUISIANA 70802

DREDGE PIPELINE AND EQUIPMENT ACCESS CORRIDOR LAYOUT
 DESIGNED BY: TYE FITZGERALD, P.E. - 0038153
 APPROVED BY: RUDY SIMONEAUX, P.E.

CAMERON MEADOWS MARSH CREATION AND TERRACING
 STATE PROJECT NUMBER: CS-0066
 DRAWN BY: SHANE FAUST

MATCH LINE L

DORE 6"

TARGA 6"

CAMERON MEADOWS OIL FIELD ROAD

DPC/EAC

40.0'



NOTES:

1. DREDGE PIPELINE SHALL BE PLACED ON THE EAST SHOULDER OF CAMERON MEADOWS OIL FIELD ROAD.
2. INSTALLATION OF THE DREDGE PIPELINE MUST AVOID IMPACTS TO OVERHEAD POWER LINES.
3. MUST MAINTAIN ACCESS OF CAMERON MEADOWS OIL FIELD ROAD.
4. ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.



MATCH LINE K



REV.	DATE	DESCRIPTION	BY

COASTAL PROTECTION AND RESTORATION AUTHORITY
 150 TERRACE AVENUE
 BATON ROUGE, LOUISIANA 70802

DREDGE PIPELINE AND EQUIPMENT ACCESS CORRIDOR LAYOUT
 DESIGNED BY: TYE FITZGERALD, P.E. - 0038153
 APPROVED BY: RUDY SIMONEAUX, P.E.

CAMERON MEADOWS MARSH CREATION AND TERRACING
 STATE PROJECT NUMBER: CS-0066
 DRAWN BY: SHANE FAUST

DATE: FEBRUARY 2020

MATCH LINE N

**MOTORIZED GATE
CROSSING COORDINATES**

POINT	NORTHING	EASTING
MG-1	476,066.21	2,552,064.95
MG-2	476,070.63	2,552,094.63
MG-3	476,129.98	2,552,085.78
MG-4	476,125.55	2,552,056.11



MOTORIZED GATE CROSSING (SEE NOTE 5)

NOTES:

1. DREDGE PIPELINE SHALL BE PLACED ON THE EAST SHOULDER OF CAMERON MEADOWS OIL FIELD ROAD.
2. INSTALLATION OF THE DREDGE PIPELINE MUST AVOID IMPACTS TO OVERHEAD POWER LINES.
3. MUST MAINTAIN ACCESS OF CAMERON MEADOWS OIL FIELD ROAD.
4. ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.
5. DREDGE PIPELINE SHALL CROSS THE MOTORIZED GATE ON THE EAST SIDE OF CAMERON MEADOWS OIL FIELD ROAD.



REV.	DATE	DESCRIPTION	BY

COASTAL PROTECTION AND RESTORATION AUTHORITY
 150 TERRACE AVENUE
 BATON ROUGE, LOUISIANA 70802

DREDGE PIPELINE AND EQUIPMENT ACCESS CORRIDOR LAYOUT
 DESIGNED BY: TYE FITZGERALD, P.E. - 0038153
 APPROVED BY: RUDY SIMONEAUX, P.E.

CAMERON MEADOWS MARSH CREATION AND TERRACING
 STATE PROJECT NUMBER: CS-0066
 DRAWN BY: SHANE FAUST



MATCH LINE O

100.0'

STAGING AREA

DREDGE PIPE CROSSING
(SEE NOTE 3)

DORE 6"

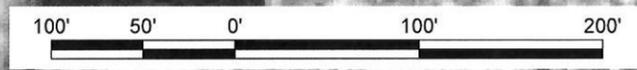
DPC/EAC

40.0'

CAMERON MEADOWS OIL FIELD ROAD

TARGA 6"

TARGA 6"



- NOTES:**
1. DREDGE PIPELINE SHALL BE PLACED ON THE EAST SHOULDER OF CAMERON MEADOWS OIL FIELD ROAD.
 2. INSTALLATION OF THE DREDGE PIPELINE MUST AVOID IMPACTS TO OVERHEAD POWER LINES.
 3. ACCESS TO CAMERON MEADOWS OIL FIELD ROAD MUST BE MAINTAINED DURING CONSTRUCTION. THE CONTRACTOR IS ALLOWED 24 HOURS TO INSTALL THE DREDGE PIPELINE THAT MAY CROSS CAMERON MEADOWS OIL FIELD ROAD. THE CONTRACTOR SHALL CONSTRUCT A RAMP TO ACCOMMODATE 18 WHEELER TRAFFIC (SEE SHEET 42 AND 46 FOR DETAILS).
 4. ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.
 5. THE DREDGE PIPELINE SHALL NOT TOUCH THE GROUND OR WATER BOTTOM WHEN CROSSING UTILITIES AND/OR PIPELINES.



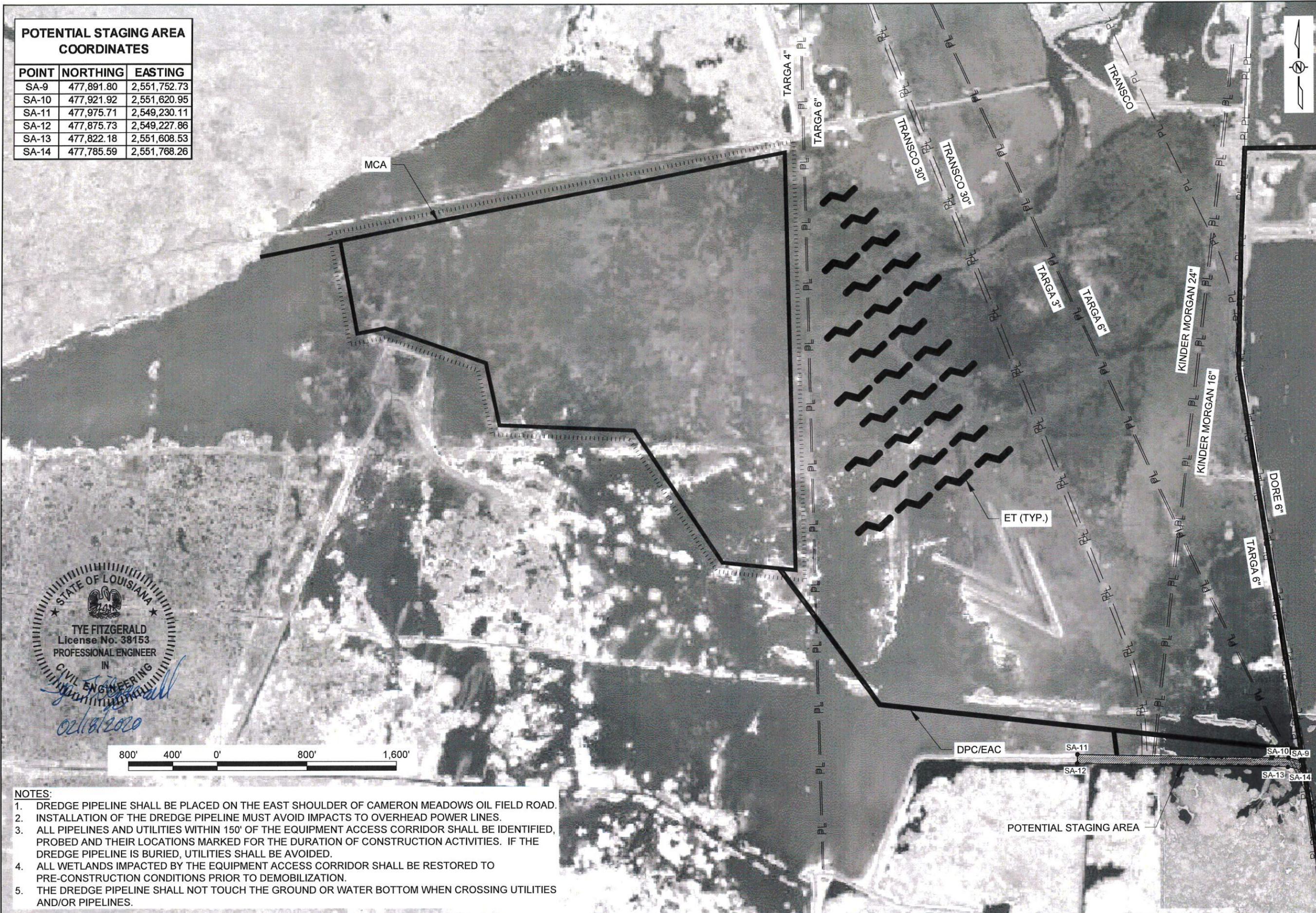
MATCH LINE N



<p>COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802</p>		<p>DREDGE PIPELINE AND EQUIPMENT ACCESS CORRIDOR LAYOUT</p>	<p>DESIGNED BY: TYE FITZGERALD, P.E. - 0038153 APPROVED BY: RUDY SIMONEAUX, P.E.</p>	<p>CAMERON MEADOWS MARSH CREATION AND TERRACING</p>	<p>STATE PROJECT NUMBER: CS-0066 DRAWN BY: SHANE FAUST</p>
REV.	DATE	DESCRIPTION	BY		
				DATE: FEBRUARY 2020	
SHEET 28 OF 63					

POTENTIAL STAGING AREA COORDINATES

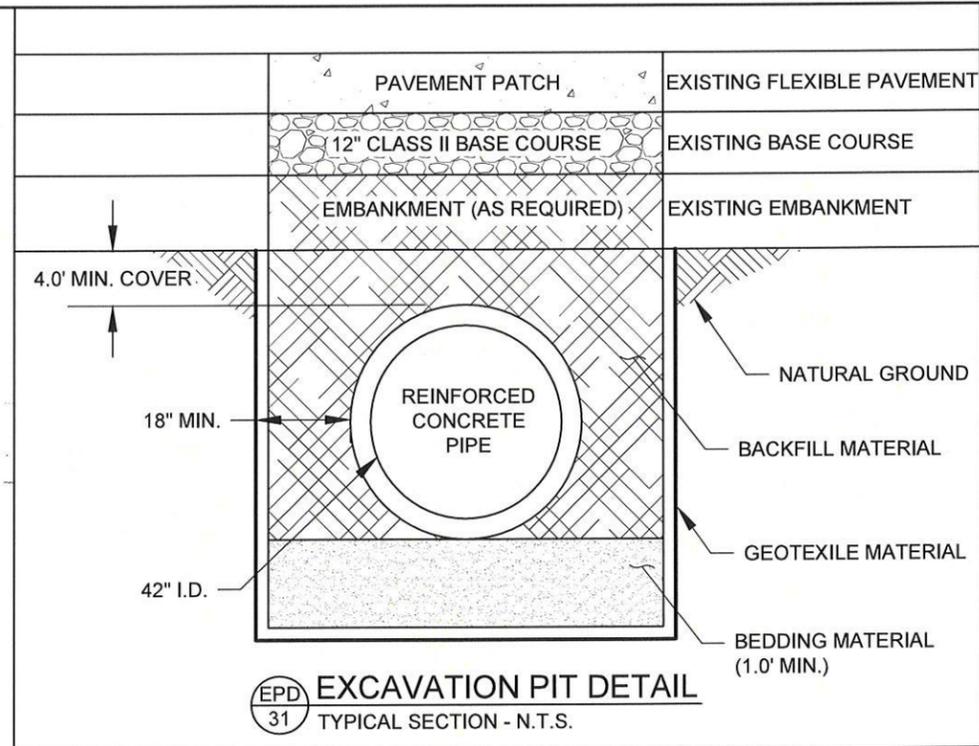
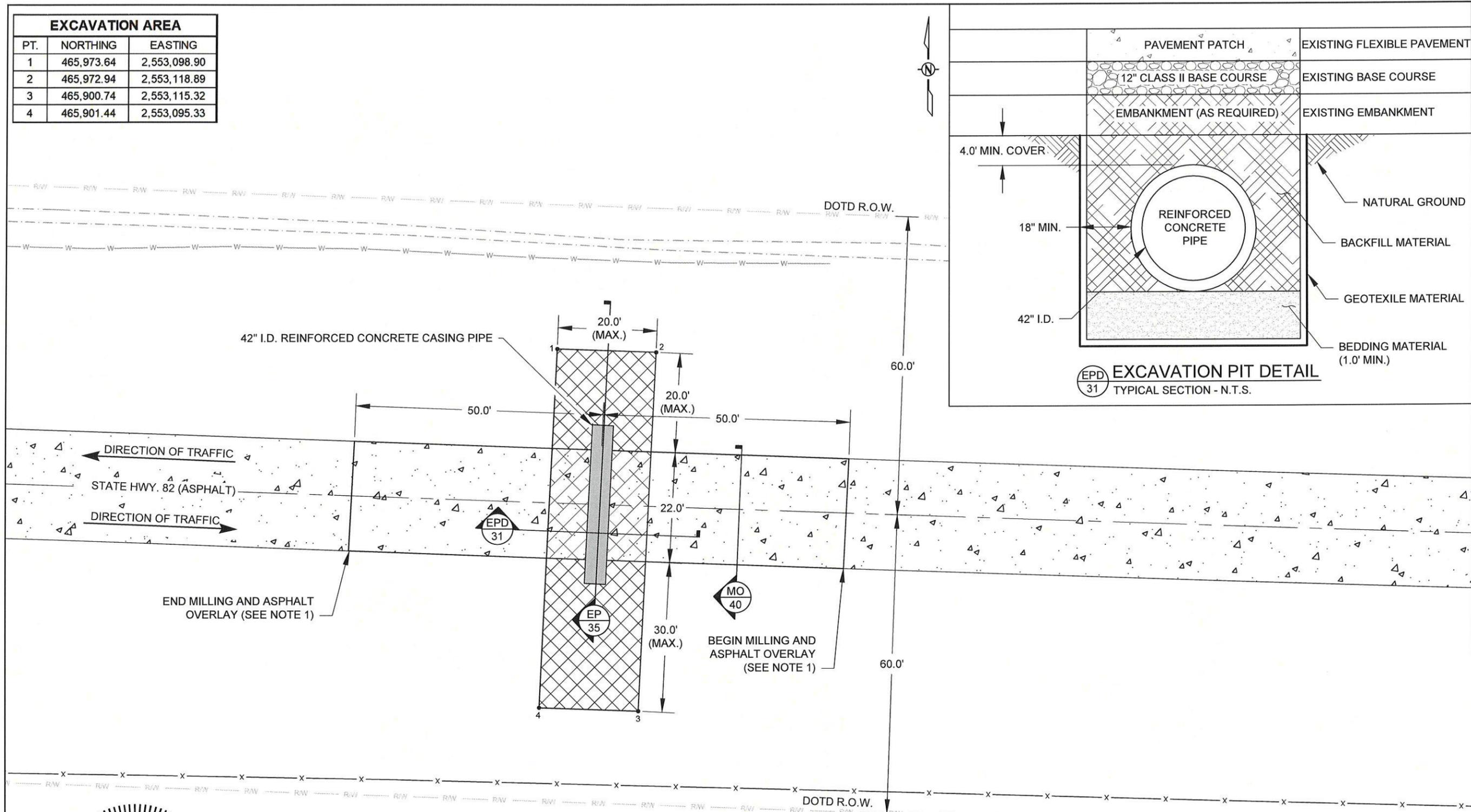
POINT	NORTHING	EASTING
SA-9	477,891.80	2,551,752.73
SA-10	477,921.92	2,551,620.95
SA-11	477,975.71	2,549,230.11
SA-12	477,875.73	2,549,227.86
SA-13	477,822.18	2,551,608.53
SA-14	477,785.59	2,551,768.26



- NOTES:**
1. DREDGE PIPELINE SHALL BE PLACED ON THE EAST SHOULDER OF CAMERON MEADOWS OIL FIELD ROAD.
 2. INSTALLATION OF THE DREDGE PIPELINE MUST AVOID IMPACTS TO OVERHEAD POWER LINES.
 3. ALL PIPELINES AND UTILITIES WITHIN 150' OF THE EQUIPMENT ACCESS CORRIDOR SHALL BE IDENTIFIED, PROBED AND THEIR LOCATIONS MARKED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IF THE DREDGE PIPELINE IS BURIED, UTILITIES SHALL BE AVOIDED.
 4. ALL WETLANDS IMPACTED BY THE EQUIPMENT ACCESS CORRIDOR SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS PRIOR TO DEMOBILIZATION.
 5. THE DREDGE PIPELINE SHALL NOT TOUCH THE GROUND OR WATER BOTTOM WHEN CROSSING UTILITIES AND/OR PIPELINES.

<p>COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802</p>																	
<p>DREDGE PIPELINE AND EQUIPMENT ACCESS CORRIDOR LAYOUT</p>	<p>DESIGNED BY: TYE FITZGERALD, P.E. - 0038153 APPROVED BY: RUDY SIMONEAUX, P.E.</p>																
<p>CAMERON MEADOWS MARSH CREATION AND TERRACING</p>	<p>STATE PROJECT NUMBER: CS-0066 DRAWN BY: SHANE FAUST</p>																
<p>DATE: FEBRUARY 2020</p>	<p>REVISIONS:</p> <table border="1"> <thead> <tr> <th>REV.</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REV.	DATE	DESCRIPTION	BY												
REV.	DATE	DESCRIPTION	BY														
<p>SHEET 30 OF 63</p>																	

EXCAVATION AREA		
PT.	NORTHING	EASTING
1	465,973.64	2,553,098.90
2	465,972.94	2,553,118.89
3	465,900.74	2,553,115.32
4	465,901.44	2,553,095.33



REV.	DATE	DESCRIPTION	BY

COASTAL PROTECTION AND RESTORATION AUTHORITY
150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

L.A. HIGHWAY 82 CROSSING PLAN VIEW

CAMERON MEADOWS MARSH CREATION AND TERRACING

DESIGNED BY: TYE FITZGERALD, P.E. - 0038153
APPROVED BY: RUDY SIMONEAUX, P.E.

STATE PROJECT NUMBER: CS-0066
DRAWN BY: SHANE FAUST

DATE: FEBRUARY 2020
SHEET 31 OF 63



LEGEND	
	EXISTING HIGHWAY
	ROAD WAY EXCAVATION
	ACCESS PIT EXCAVATION
	CASING PIPE
	FENCE
	DOTD R.O.W.
	TELECOMMUNICATIONS LINE
	WATER LINE

- NOTES:
- BUTT JOINT SHALL BE MILLED.
 - TWO(2) INCHES OF EXISTING ASPHALT PAVEMENT SHALL BE MILLED. 184 SQUARE YARDS OF ASPHALT PAVEMENT SHALL BE REMOVED. MILLING ASPHALT PAVEMENT SHALL CONFORM TO DOTD SPECIFICATION 509.
 - ONE HUNDRED PERCENT OF RECLAIMED ASPHALT PAVEMENT (RAP) SHALL BE RETAINED BY THE CONTRACTOR.
 - ASPHALT TACK COAT SHALL BE APPLIED TO THE MILLED SURFACE IN ACCORDANCE WITH DOTD SPECIFICATION 504 PRIOR TO PLACEMENT OF ASPHALT CONCRETE.
 - ASPHALT CONCRETE SHALL BE PLACED IN ONE (1) - 2" INCH LIFT IN ACCORDANCE WITH DOTD SPECIFICATION 502 AND SHALL BE SUPERPAVE JMF 007 OR EQUIVALENT.

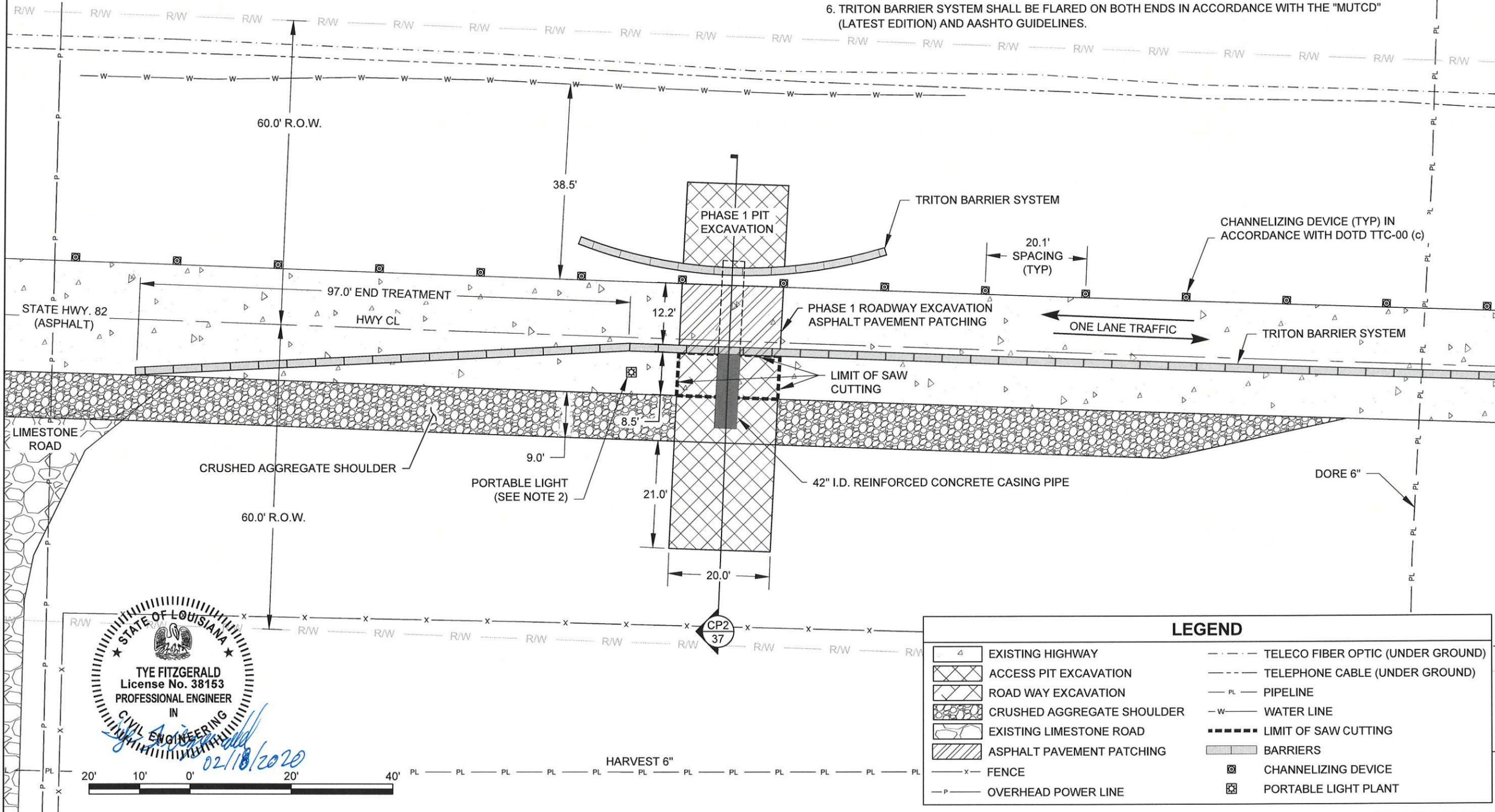


PHASE 2 (CASING PIPE INSTALLATION):

1. PLACEMENT OF TEMPORARY TRAFFIC CONTROL (TTC) DEVICES SHALL BE IN ACCORDANCE WITH DOTD TTC-04 AND INCLUDE:
 - TRITON BARRIERS
 - FLAGGERS
 - TEMPORARY SIGNAGE
 - PORTABLE LIGHT PLANTS
2. BRACED TRENCH EXCAVATION MAINTAINING A 12' (MIN) TRAVEL LANE WIDTH
3. PLACEMENT OF CASING PIPE
4. BACKFILL ROADWAY EXCAVATED TRENCH AND PLACE ASPHALT PAVEMENT PATCHING. SEE "EXCAVATION PIT DETAIL" ON SHEET 31 OF CONSTRUCTION DRAWING FOR TRENCH DETAIL. SEE TS-1100 OF THE SPECIFICATION FOR PAVEMENT PATCH DETAILS.

NOTES:

1. ALL TTC DEVICES SHALL BE USED IN ACCORDANCE WITH THE "LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES" (LATEST EDITION), AND THE MUTCD, 2009, AND SHALL MEET THE NCHRP REPORT 350 OR MASH REQUIREMENTS FOR TEST LEVEL 3 DEVICES. (SEE LADOTD TEMPORARY TRAFFIC CONTROL SHEETS TTC-00 (A THROUGH D), TTC-02, AND TTC-04)
2. DURING PHASE 1 AND PHASE 2 OF PERMANENT CASING PIPE INSTALLATION, FLAGGERS SHALL BE USED (24/7). PORTABLE LIGHT PLANTS SHALL BE INSTALLED AT EACH FLAGGER STATION, AND, IF NIGHT OPERATIONS ARE CONDUCTED, PORTABLE LIGHT PLANTS SHALL BE USED AT THE WORK SITE.
3. ALL NIGHTTIME OPERATIONS SHALL BE CONDUCTED IN ACCORDANCE WITH SECTION 713.10 OF "LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES", LATEST EDITION.
4. SEE TS-1100 FOR TRAFFIC CONTROL REQUIREMENTS.
5. NO WORK WILL BE PERFORMED DURING PEAK HURRICANE SEASON (AUGUST 1ST TO OCTOBER 20TH).
6. TRITON BARRIER SYSTEM SHALL BE FLARED ON BOTH ENDS IN ACCORDANCE WITH THE "MUTCD" (LATEST EDITION) AND AASHTO GUIDELINES.



STATE OF LOUISIANA
 TYE FITZGERALD
 License No. 38153
 PROFESSIONAL ENGINEER
 IN
 CIVIL ENGINEERING
 02/18/2020

COASTAL PROTECTION AND RESTORATION AUTHORITY
 150 TERRACE AVENUE
 BATON ROUGE, LOUISIANA 70802

LA-HIGHWAY 82
 PHASE 2 PLAN VIEW - CASING PIPE INSTALLATION SEQUENCE
 DESIGNED BY: TYE FITZGERALD, P.E. - 0038153
 APPROVED BY: RUDY SIMONEAUX, P.E.

CAMERON MEADOWS MARSH CREATION AND TERRACING
 STATE PROJECT NUMBER: CS-0066
 DRAWN BY: SHANE FAUST

DATE: FEBRUARY 2020

SHEET 33 OF 63

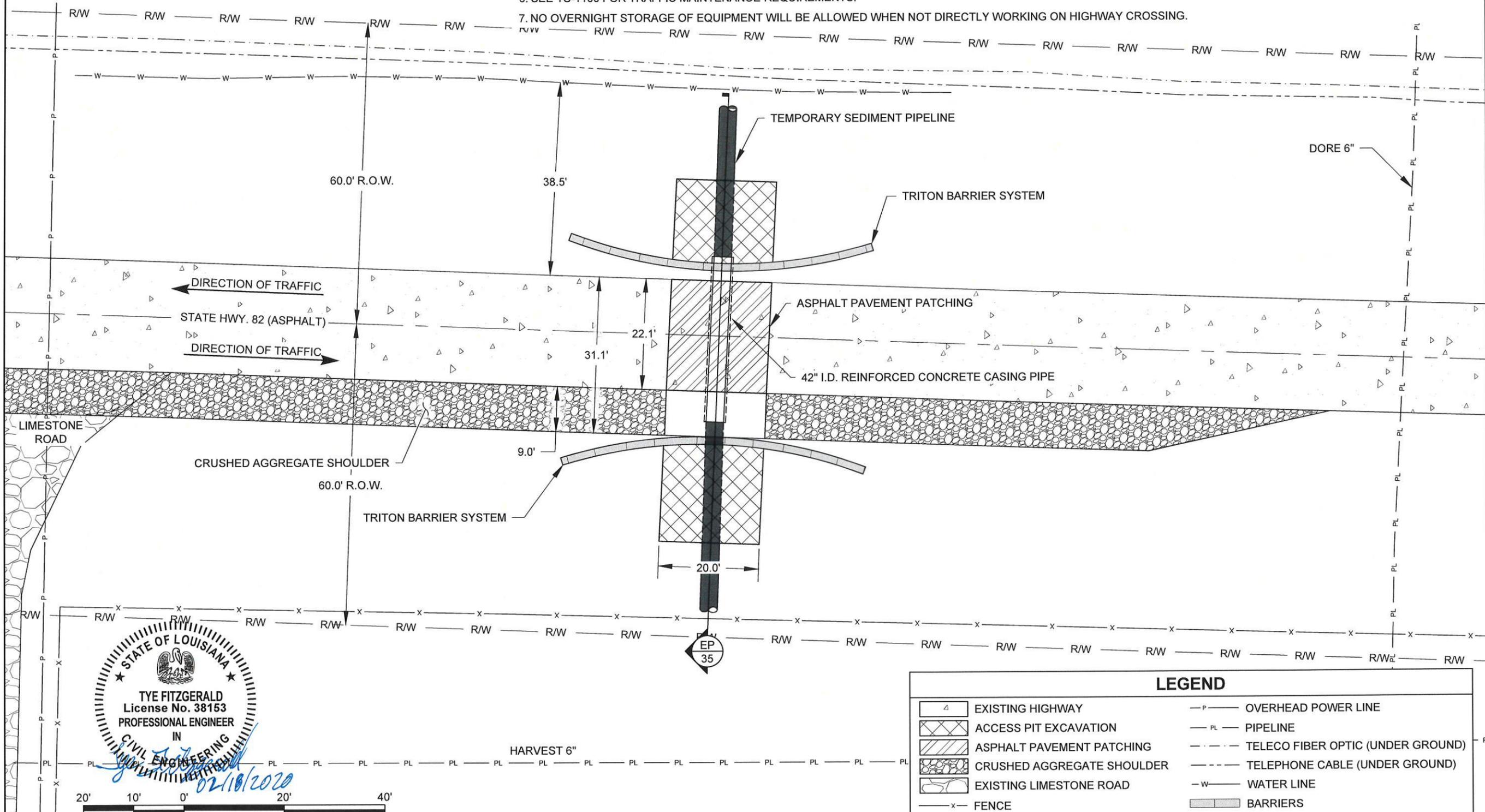
REV.	DATE	DESCRIPTION	BY

PHASE 3 (DREDGING OPERATIONS):

1. PLACEMENT OF TEMPORARY TRAFFIC CONTROL (TTC) DEVICES SHALL BE INSTALLED AND MAINTAINED AS SHOWN ON THE PLANS UNTIL THE MARSH CREATION AREA(S) HAVE BEEN ACCEPTED, THE TEMPORARY SEDIMENT PIPELINE HAS BEEN REMOVED, AND THE ACCESS PITS HAVE BEEN BACKFILLED. TTC DEVICES SHALL BE IN ACCORDANCE WITH DOTD TTC-04 AND MAY INCLUDE:
 - TRITON BARRIER
 - TEMPORARY SIGNAGE
2. FOLLOWING INSTALLATION, THE TEMPORARY SEDIMENT PIPELINE WILL BE LOCATED WITHIN THE CLEAR ZONE.

NOTES:

1. ALL TTC DEVICES SHALL BE USED IN ACCORDANCE WITH THE "LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES" (LATEST EDITION), AND THE MUTCD, 2009, AND SHALL MEET THE NCHRP REPORT 350 OR MASH REQUIREMENTS FOR TEST LEVEL 3 DEVICES. (SEE LADOTD TEMPORARY TRAFFIC CONTROL SHEETS TTC-00 (A THROUGH D), TTC-02, AND TTC-04)
2. A TRITON BARRIER SYSTEM SHALL BE USED TO SHIELD FORMIDABLE OBSTACLES FROM PIPELINE AND EQUIPMENT WITHIN THE CLEAR ZONE AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH THE "ROADSIDE DESIGN GUIDE" (AASHTO 4TH EDITION, 2011) AND TS-1100 OF THE SPECIFICATIONS.
3. SUFFICIENT SIGNAGE IDENTIFYING THE WORK AREA SHALL BE INSTALLED AND REMAIN THROUGHOUT THE DURATION OF THE PROJECT.
4. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGES TO UTILITIES, OIL AND GAS PIPELINE(S) AND/OR ANY DAMAGE TO THE SEDIMENT PIPELINE CAUSED BY SUCH.
5. FOLLOWING PLACEMENT OF PAVEMENT PATCH, THERMOPLASTIC PAVEMENT MARKINGS SHALL CONFORM TO THE "LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES", LATEST EDITION, SECTION 732.
6. SEE TS-1100 FOR TRAFFIC MAINTENANCE REQUIREMENTS.
7. NO OVERNIGHT STORAGE OF EQUIPMENT WILL BE ALLOWED WHEN NOT DIRECTLY WORKING ON HIGHWAY CROSSING.



LEGEND	
	EXISTING HIGHWAY
	ACCESS PIT EXCAVATION
	ASPHALT PAVEMENT PATCHING
	CRUSHED AGGREGATE SHOULDER
	EXISTING LIMESTONE ROAD
	FENCE
	OVERHEAD POWER LINE
	PIPELINE
	TELECO FIBER OPTIC (UNDER GROUND)
	TELEPHONE CABLE (UNDER GROUND)
	WATER LINE
	BARRIERS

COASTAL PROTECTION AND RESTORATION AUTHORITY
 150 TERRACE AVENUE
 BATON ROUGE, LOUISIANA 70802

L.A. HIGHWAY 82
 PHASE 3 PLAN VIEW - CASING PIPE
 INSTALLATION SEQUENCE

CAMERON MEADOWS MARSH
 CREATION AND TERRACING

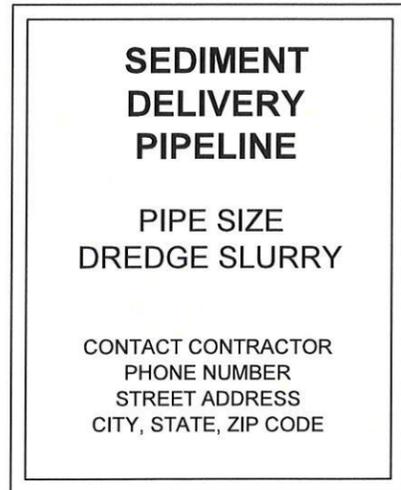
DESIGNED BY: TYE FITZGERALD, P.E. - 0038153
 APPROVED BY: RUDY SIMONEAUX, P.E.

STATE PROJECT NUMBER: CS-0066
 DRAWN BY: SHANE FAUST

DATE: FEBRUARY 2020

SHEET 34 OF 63

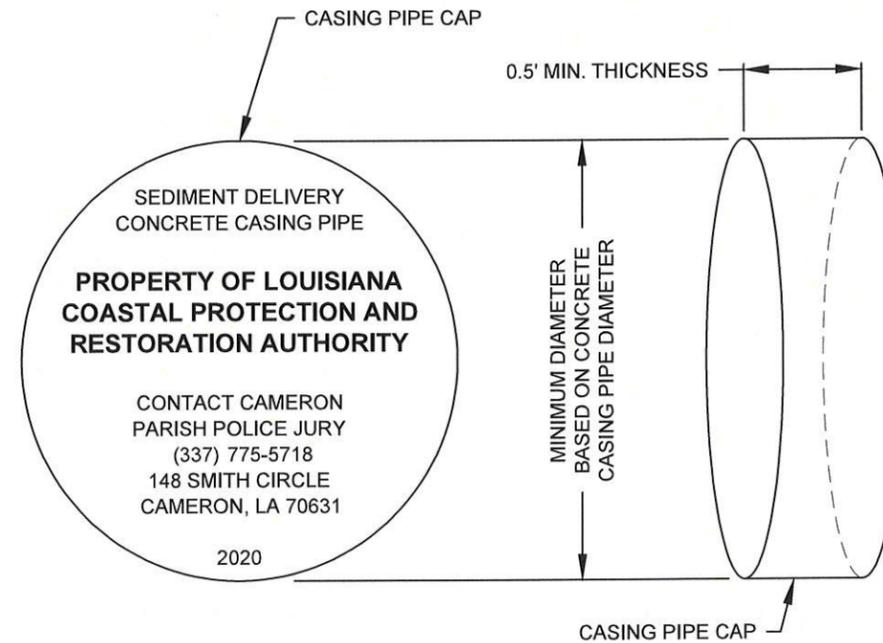
REV.	DATE	DESCRIPTION	BY



**TEMPORARY PIPELINE
MARKER DETAIL
NOT TO SCALE**



**CASING PIPE MARKER DETAIL
NOT TO SCALE**



**CASING PIPE CAP DETAIL
NOT TO SCALE**

CASING PIPE CAP NOTES:

1. CAPS SHALL BE INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS.
2. SEE TS-1100 FOR CASING PIPE CAP DETAILS.

TEMPORARY PIPELINE MARKER NOTES:

1. MARKERS SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH LADOTD LATEST STANDARD SPECIFICATION 729.
2. PROPOSED DRAWING SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL IN THE WORK PLAN PRIOR TO CONSTRUCTION.
3. MARKERS SHALL BE PLACED PRIOR TO SEDIMENT PIPELINE INSTALLATION AND REMOVED FOLLOWING SEDIMENT PIPELINE REMOVAL.
4. SEE TS-1100 FOR TEMPORARY PIPELINE MARKER DETAILS.

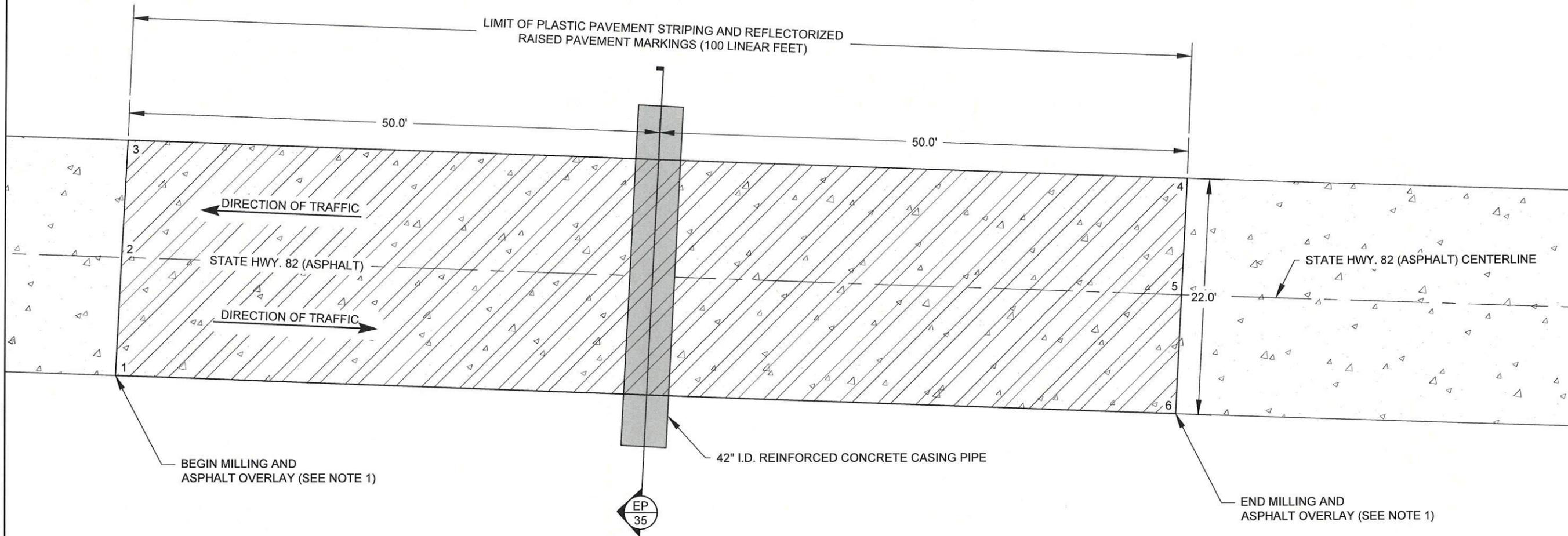
CASING PIPE MARKER NOTES:

1. CASING PIPE MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH LADOTD LATEST STANDARD SPECIFICATION 729.
2. PROPOSED DRAWING SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL IN THE WORK PLAN PRIOR TO CONSTRUCTION.
3. MARKERS SHALL BE REPLACED SUBSEQUENT TO BACKFILLING THE PIT AND PRIOR TO DEMOBILIZATION.
4. SEE TS-1100 FOR CASING PIPE MARKER DETAILS.



COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802		REV. _____ DATE _____ DESCRIPTION _____ BY _____
TEMPORARY PIPELINE MARKER AND CASING PIPE CAP / MARKER DETAIL	DESIGNED BY: TYE FITZGERALD, P.E. - 0038153 APPROVED BY: RUDY SIMONEAUX, P.E.	
CAMERON MEADOWS MARSH CREATION AND TERRACING	STATE PROJECT NUMBER: CS-0066 DRAWN BY: SHANE FAUST	
DATE: FEBRUARY 2020		
SHEET 38 OF 63		

MILLING AND ASPHALT OVERLAY EXTENTS			
PT.	NORTHING	EASTING	DESCRIPTION
1	465,932.99	2,553,056.84	EASTBOUND SHOULDER
2	465,944.09	2,553,057.39	CENTERLINE
3	465,955.08	2,553,057.93	WESTBOUND SHOULDER
4	465,951.43	2,553,157.87	EASTBOUND SHOULDER
5	465,940.50	2,553,157.33	CENTERLINE
6	465,929.33	2,553,156.78	WESTBOUND SHOULDER



LEGEND	
	EXISTING HIGHWAY
	ASPHALT PAVEMENT PATCHING
	CASING PIPE
	FENCE



NOTES:

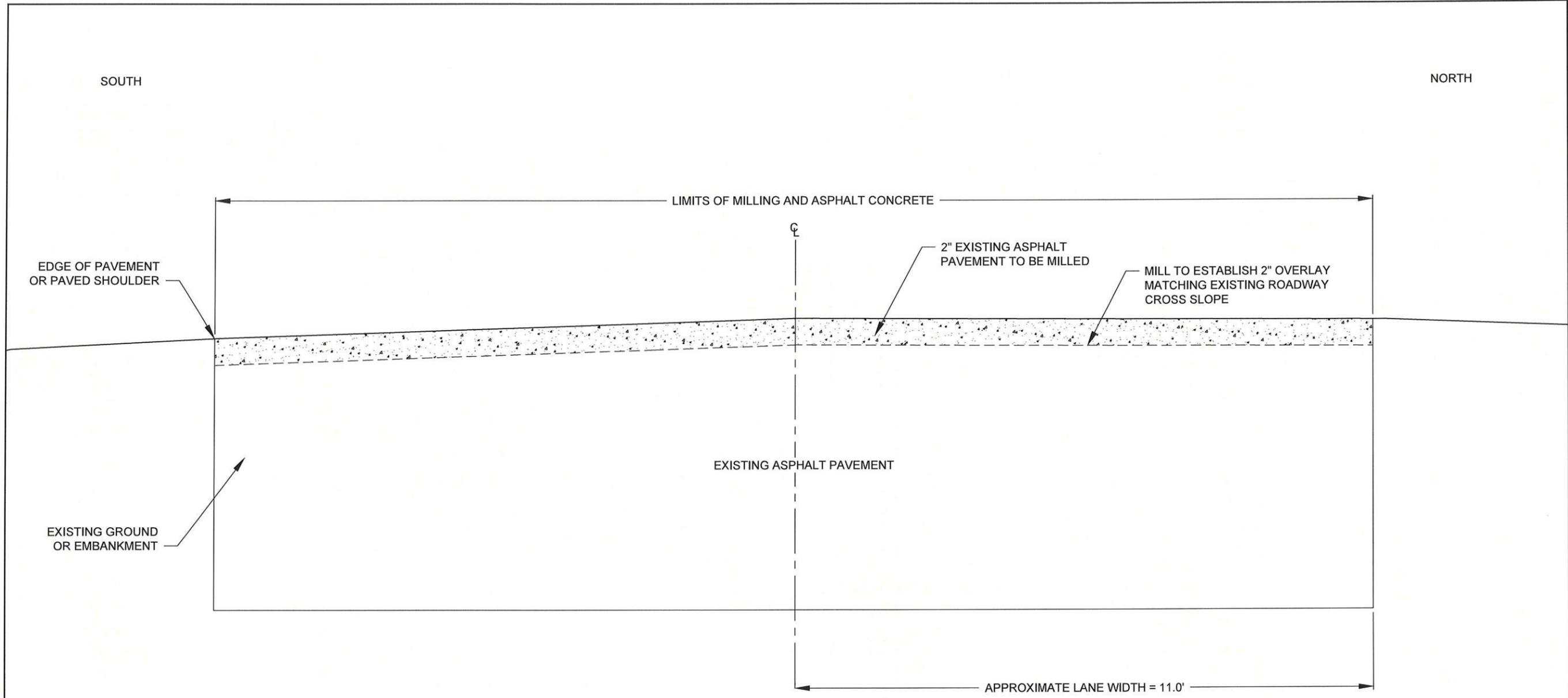
- BUTT JOINTS SHALL BE MILLED 50 FEET ON EACH SIDE OF AND PERPENDICULAR TO THE CENTER LINE OF THE CROSSING.
- TWO (2) INCHES OF EXISTING ASPHALT PAVEMENT SHALL BE MILLED. MILLING ASPHALT PAVEMENT SHALL CONFORM TO LADOTD SPECIFICATION 509.
- ONE HUNDRED PERCENT OF RECLAIMED ASPHALT PAVEMENT (RAP) SHALL BE RETAINED BY THE CONTRACTOR.
- ASPHALT TACK COAT SHALL BE APPLIED TO THE MILLED SURFACE IN ACCORDANCE WITH LADOTD SPECIFICATION 504 PRIOR TO PLACEMENT OF ASPHALT CONCRETE.
- ASPHALT CONCRETE SHALL BE PLACE IN ACCORDANCE WITH LADOTD SPECIFICATION 502 AND SHALL BE SUPERPAVE JMF 007 OR EQUIVALENT.
- TEMPORARY TRAFFIC CONTROLS SHALL ADHERE TO TTC-00(A) THROUGH TTC-00(D), TTC-02, AND TTC-04. FLAGGERS OR TRAFFIC SIGNALS SHALL BE USED DURING LANE CLOSURES AND MOVING LANE CLOSURES.
- ANY DAMAGE (DURING MILLING AND OVERLAY OPERATIONS) TO EXISTING PAVEMENT MARKINGS OUTSIDE OF THE PROJECT AREA AND THESE PLANS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER.



02/18/2020

NO.	DATE	REV.	DESCRIPTION	BY

COASTAL PROTECTION AUTHORITY RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	
L.A. HIGHWAY 82 CROSSING MILL AND OVERLAY PLAN VIEW	DESIGNED BY: TYE FITZGERALD, P.E. - 0038153 APPROVED BY: RUDY SIMONEAUX, P.E.
CAMERON MEADOWS MARSH CREATION AND TERRACING	STATE PROJECT NUMBER: CS-0066 DRAWN BY: SHANE FAUST
DATE: FEBRUARY 2020	
SHEET 39 OF 63	



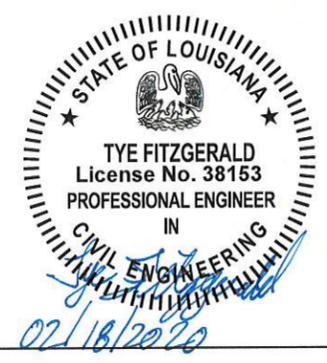
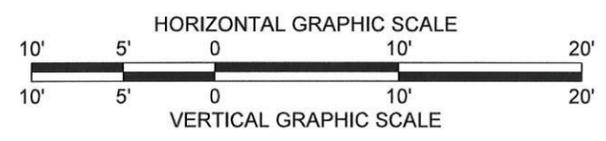
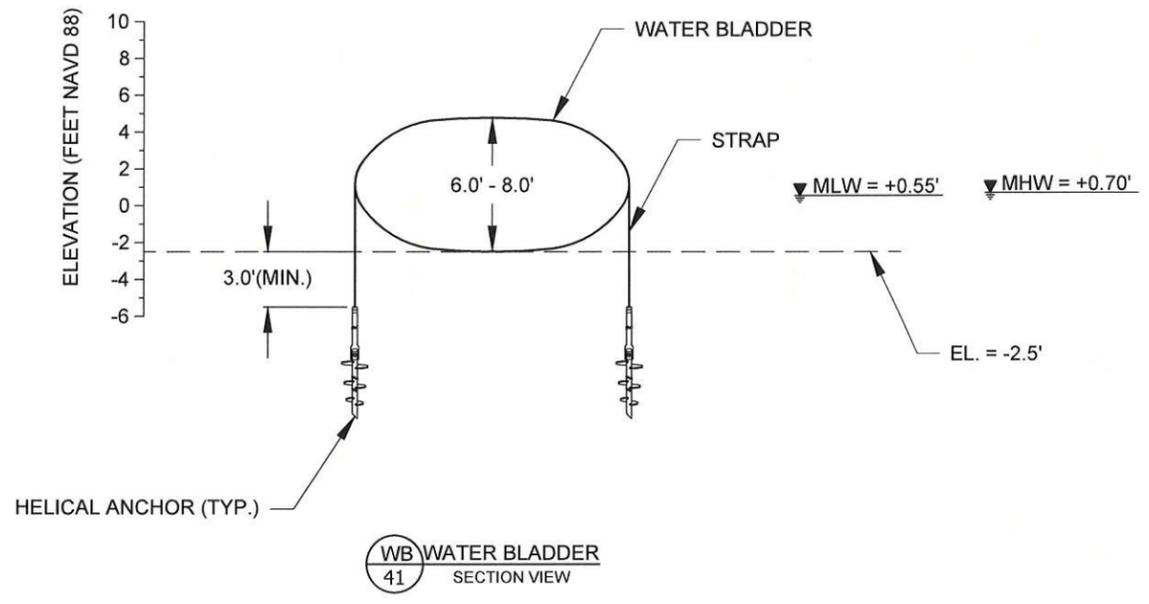
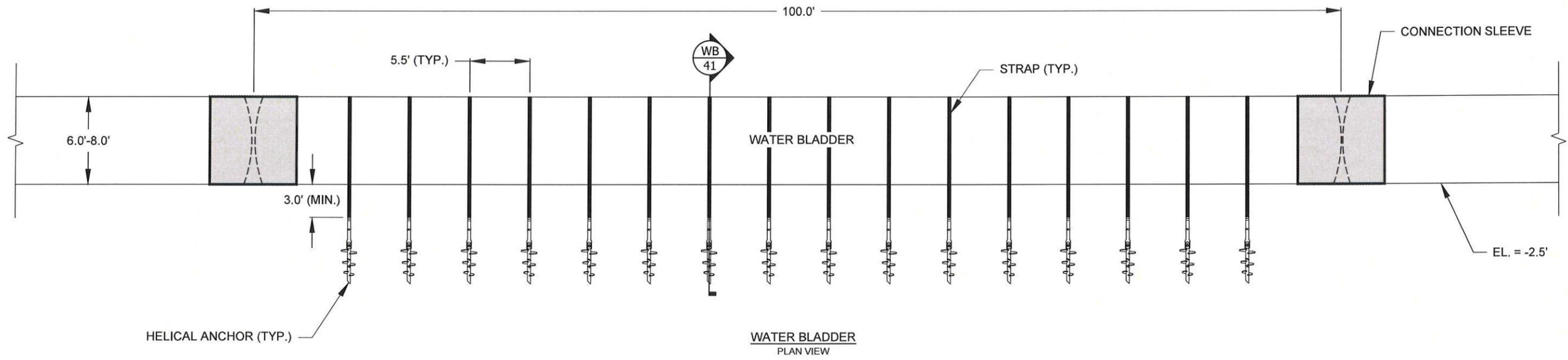
MO 30 MILL AND OVERLAY TYPICAL SECTION



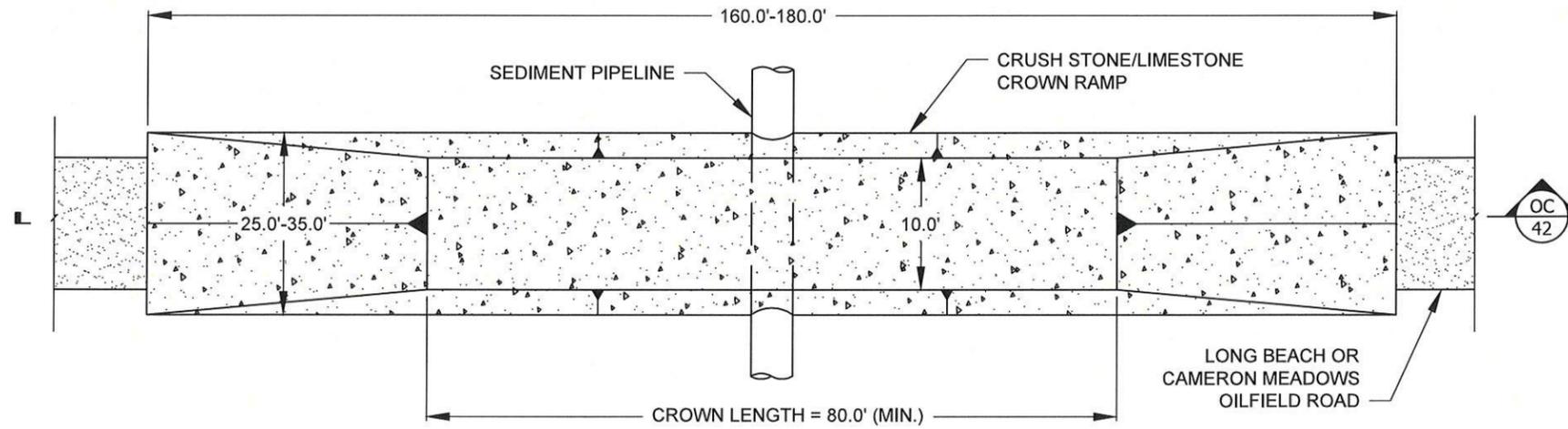
NOTES:

1. TWO (2) INCHES OF EXISTING PAVEMENT SHALL BE MILLED. THE CONTRACTOR SHALL MATCH EXISTING CROSS SLOPES.
2. BUTT JOINTS SHALL BE MILLED 50 FEET ON EACH SIDE OF AND PERPENDICULAR TO THE CENTER LINE OF THE CROSSING.
3. MILLED SURFACE SHALL BE CLEANED PRIOR TO THE APPLICATION OF ASPHALT TACK COAT. ASPHALT TACK COAT SHALL BE EVENLY APPLIED ACROSS THE MILLED SURFACE.
4. ONE, TWO (2) INCH LIFT OF ASPHALT CONCRETE SHALL BE PLACED OVER THE MILLED PAVEMENT. THE CONTRACTOR SHALL MATCH EXISTING CROSS SLOPES AND GRADES.
5. PLASTIC PAVEMENT STRIPING AND REFLECTORIZED RAISED MARKERS, REMOVED OR DAMAGED AS PART OF THIS WORK, SHALL BE REPLACED.

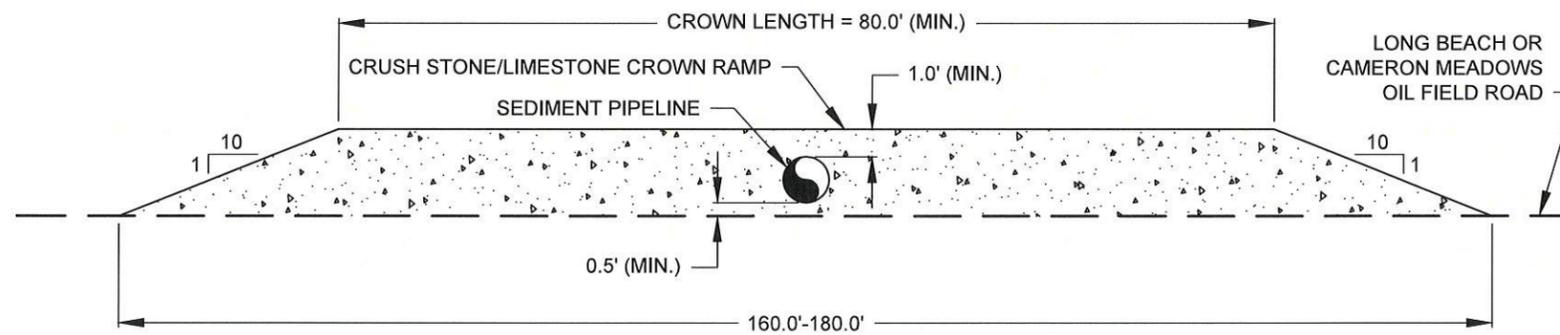
COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802		L.A. HIGHWAY 82 CROSSING MILL AND OVERLAY TYPICAL SECTION		CAMERON MEADOWS MARSH CREATION AND TERRACING	
REV.	DATE	DESIGNED BY: TYE FITZGERALD, P.E. - 0038153	STATE PROJECT NUMBER: CS-0066	DRAWN BY: SHANE FAUST	DATE: FEBRUARY 2020
DESCRIPTION	BY	APPROVED BY: RUDY SIMONEAUX, P.E.	SHEET 40 OF 63		



CAMERON MEADOWS MARSH CREATION AND TERRACING		DESIGNED BY: TYE FITZGERALD, P.E. - 0038153		APPROVED BY: RUDY SIMONEAUX, P.E.	
WATER BLADDER DETAIL		DATE: FEBRUARY 2020		SHEET 41 OF 63	
COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802		REV.	DATE	DESCRIPTION	BY

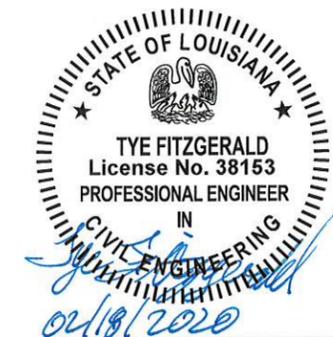


PLAN VIEW
NOT TO SCALE

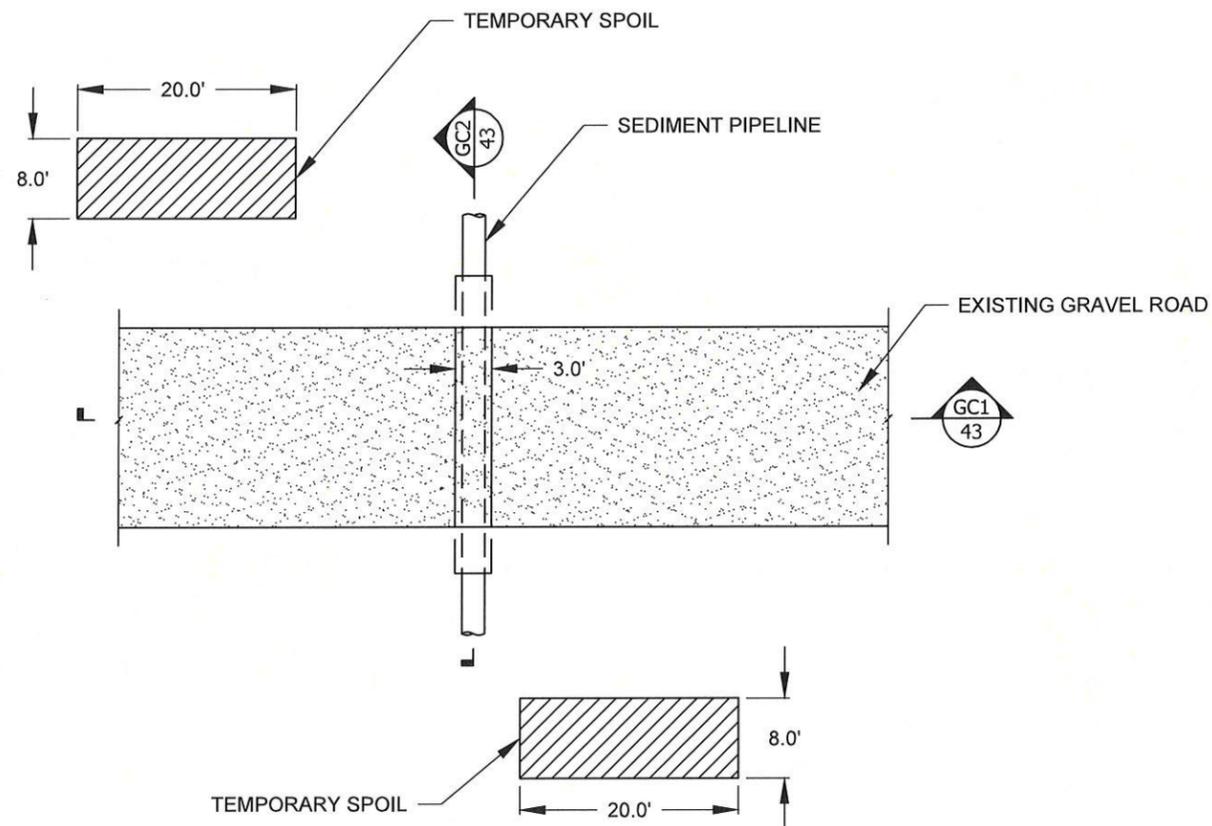


OC 42 ROAD CROSSING DETAIL
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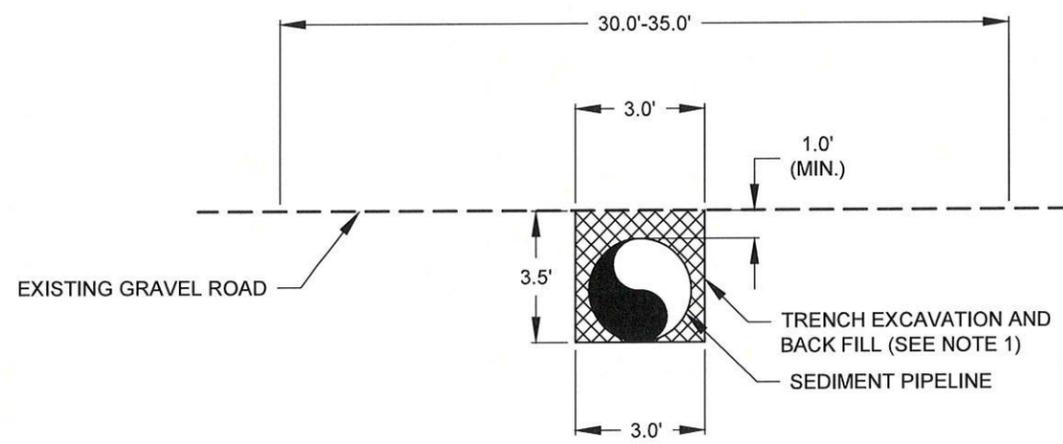
NOTE:
THE CROWN RAMP OVER THE PIPELINE CROSSINGS SHALL CONSIST OF CRUSHED STONE FOR FULL WIDTH AND LENGTH OF RAMP. THE CRUSH STONE MATERIAL SHALL CONFORM TO DOTD 2010 SPECIFICATION 1003.5.1.



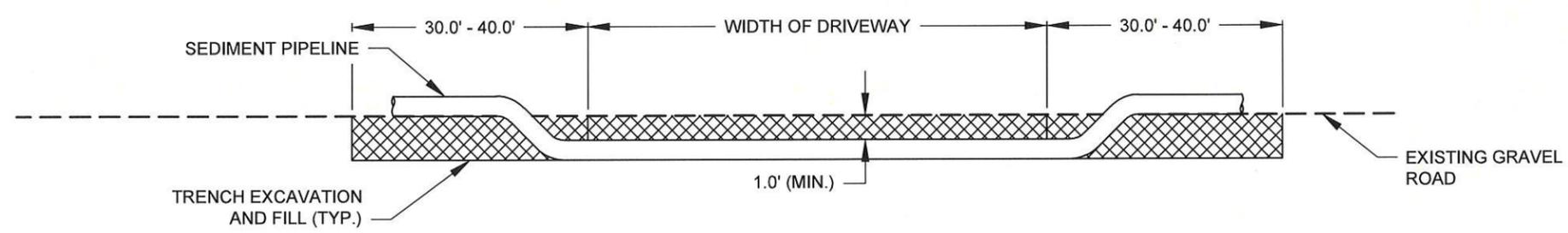
CAMERON MEADOWS MARSH CREATION AND TERRACING		DESIGNED BY: TYE FITZGERALD, P.E. - 0038153	APPROVED BY: RUDY SIMONEAUX, P.E.
ROAD CROSSING DETAIL - LONG BEACH OR CAMERON MEADOWS OILFIELD ROAD		DATE: FEBRUARY 2020	SHEET 42 OF 63
COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802		REV.	DESCRIPTION
		DATE	BY



PLAN VIEW
NOT TO SCALE



GC1 43 BURIED CROSSING DETAIL
NOT TO SCALE

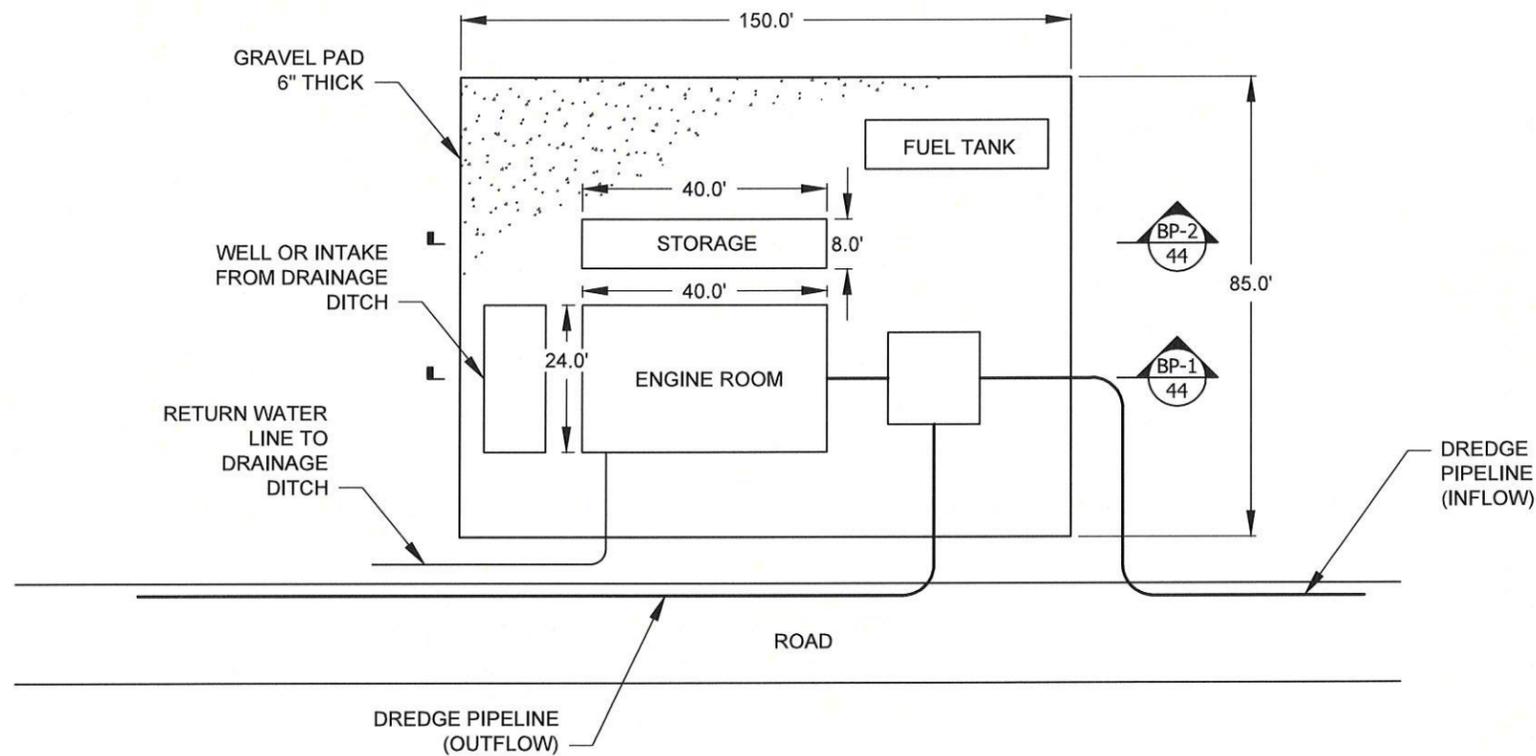


GC2 43 BURIED CROSSING DETAIL
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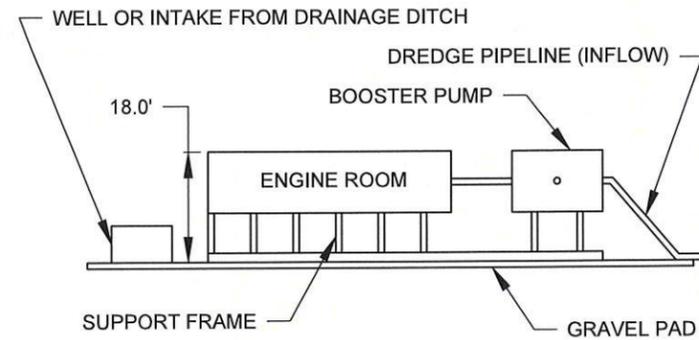
NOTE:
TRENCH EXCAVATION SHALL BE BACK FILLED FROM THE
TEMPORARY SPOIL AREAS.



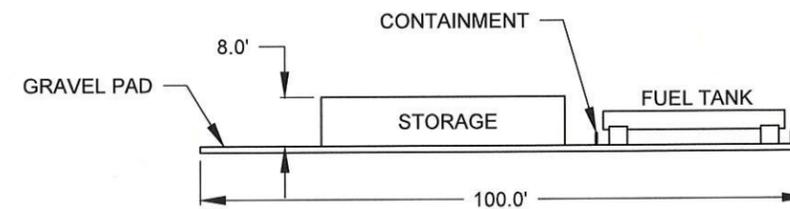
COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802		REV.	DATE	DESCRIPTION	BY
ROAD/DRIVEWAY CROSSING - BURIED		DESIGNED BY: TYE FITZGERALD, P.E. - 0038153	APPROVED BY: RUDY SIMONEAUX, P.E.		
CAMERON MEADOWS MARSH CREATION AND TERRACING		STATE PROJECT NUMBER: CS-0066	DRAWN BY: SHANE FAUST		
		DATE: FEBRUARY 2020	SHEET 43 OF 63		



PLAN VIEW
NOT TO SCALE



BP-1 BOOSTER PUMP DETAIL
NOT TO SCALE

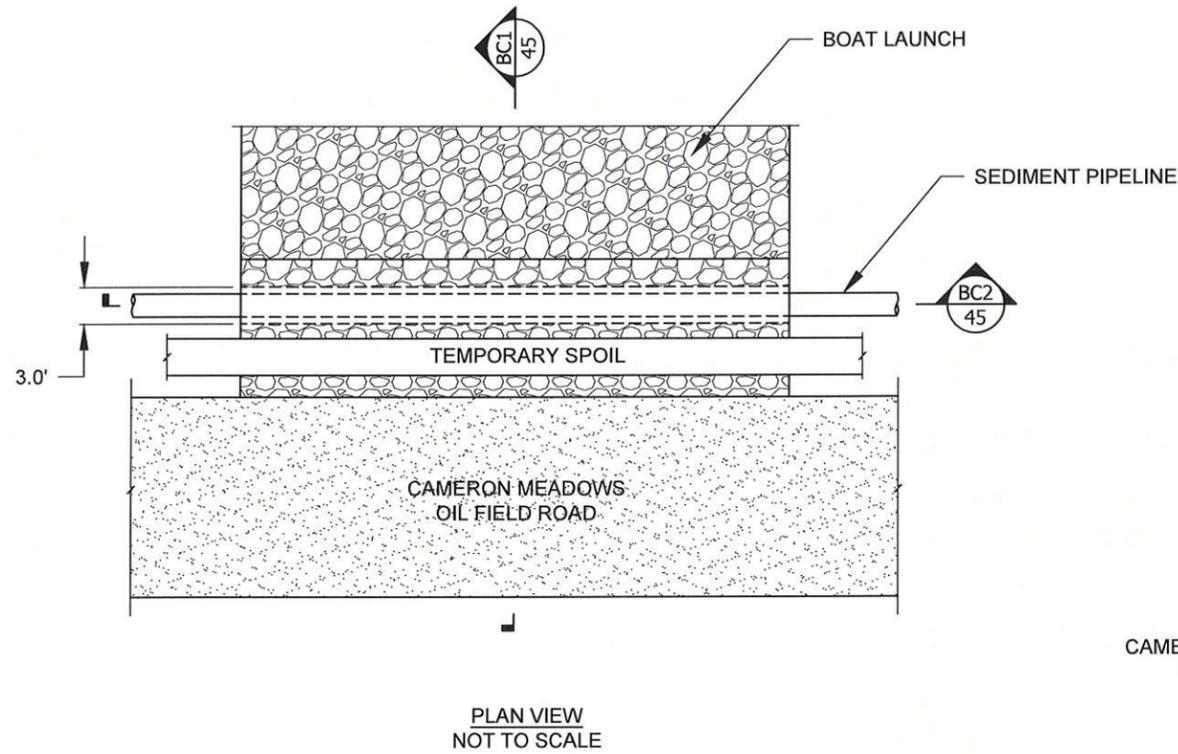


BP-2 BOOSTER PUMP DETAIL
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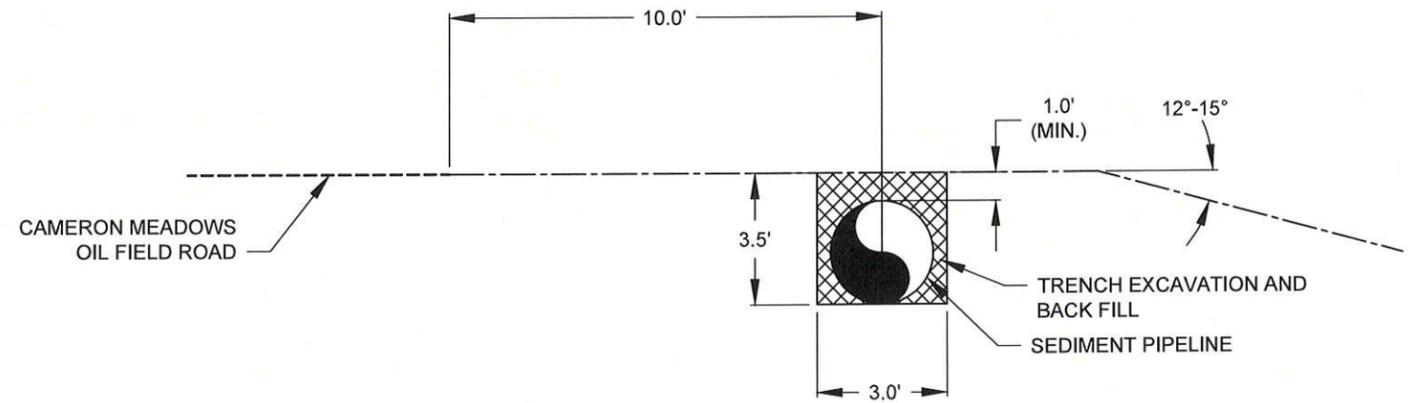
NOTE:
THE PROPOSED LANDSIDE BOOSTER PUMP DETAIL IS SHOWN FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR SHALL SUBMIT THEIR LANDSIDE BOOSTER PUMP LAYOUT IN THE WORK PLAN.



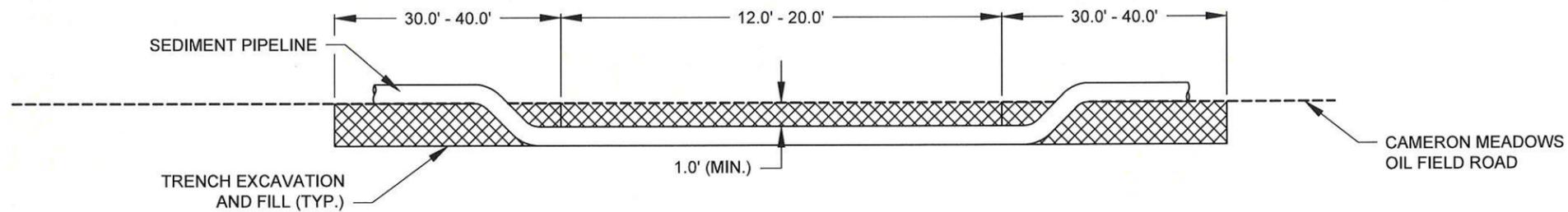
CAMERON MEADOWS MARSH CREATION AND TERRACING		DESIGNED BY: TYE FITZGERALD, P.E. - 0038153	DATE	DESCRIPTION	BY
PROPOSED LANDSIDE BOOSTER PUMP DETAIL		APPROVED BY: RUDY SIMONEAUX, P.E.	REV.		
COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802					
DATE: FEBRUARY 2020					
SHEET 44 OF 63					



PLAN VIEW
NOT TO SCALE



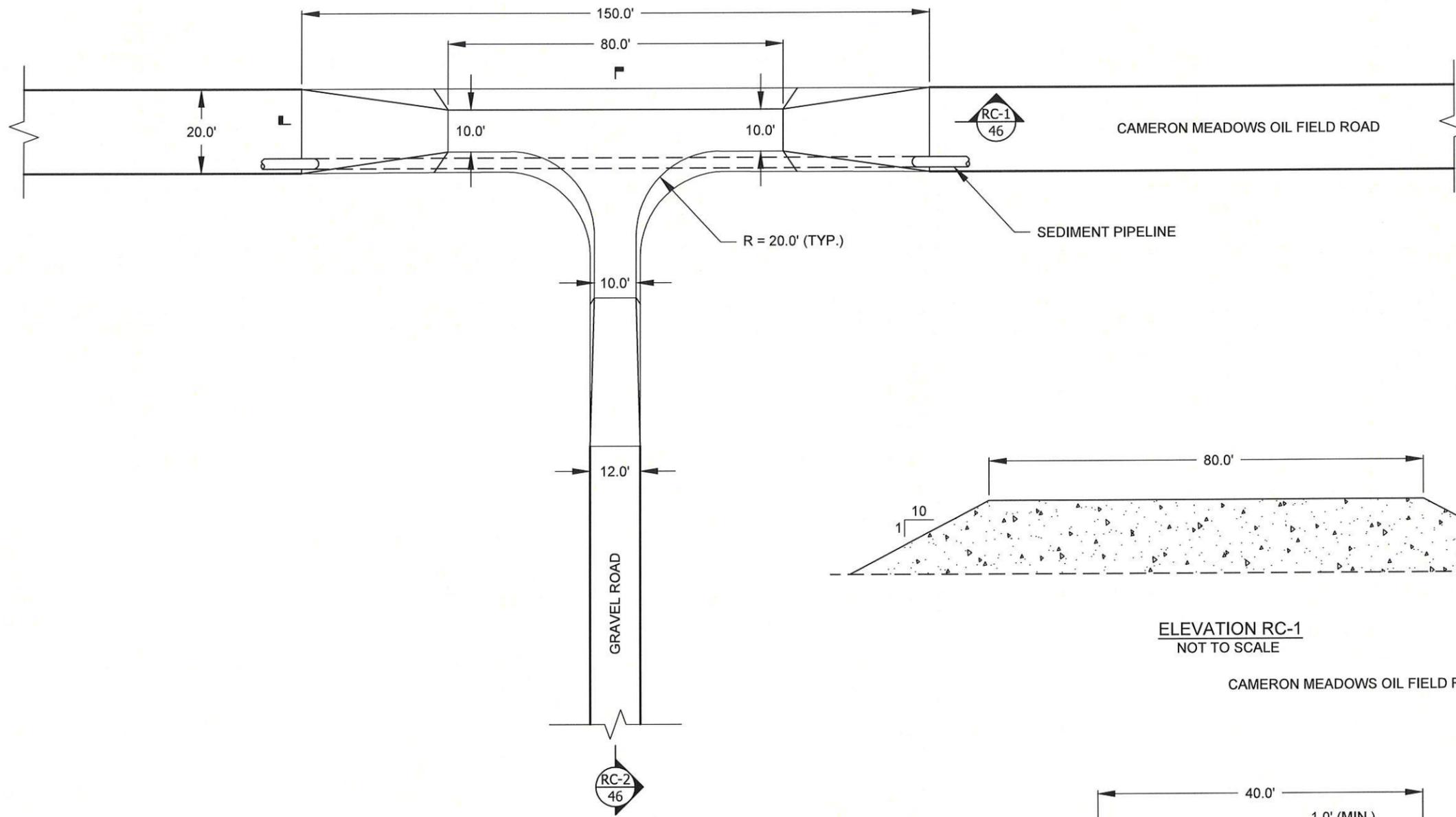
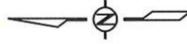
BC1
45 BOAT LAUNCH CROSSING DETAIL
NOT TO SCALE



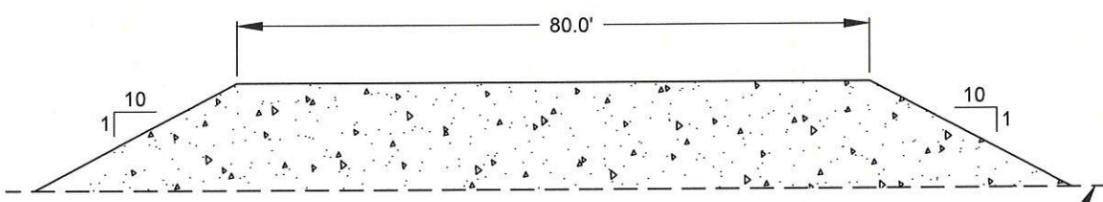
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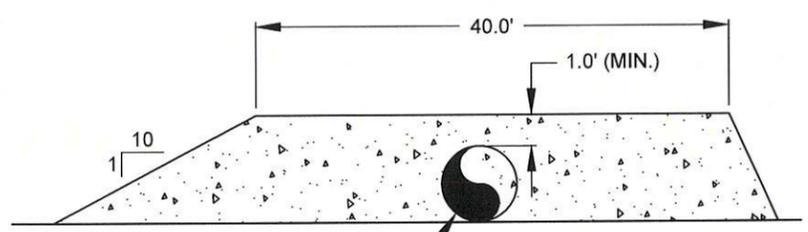
COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802		REV.	DATE	DESCRIPTION	BY
BOAT LAUNCH CROSSING - BURIED	DESIGNED BY: TYE FITZGERALD, P.E. - 0038153 APPROVED BY: RUDY SIMONEAUX, P.E.				
CAMERON MEADOWS MARSH CREATION AND TERRACING	STATE PROJECT NUMBER: CS-0066 DRAWN BY: SHANE FAUST				
DATE: FEBRUARY 2020		SHEET 45 OF 63			



PLAN VIEW
NOT TO SCALE



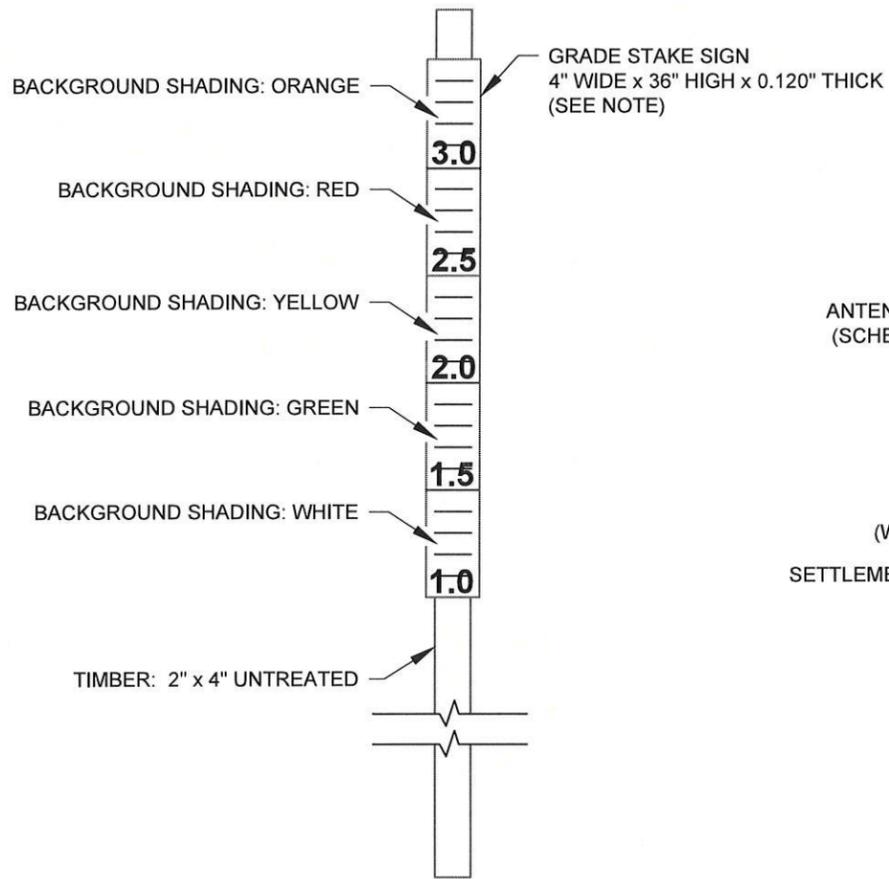
ELEVATION RC-1
NOT TO SCALE



ELEVATION RC-2
NOT TO SCALE

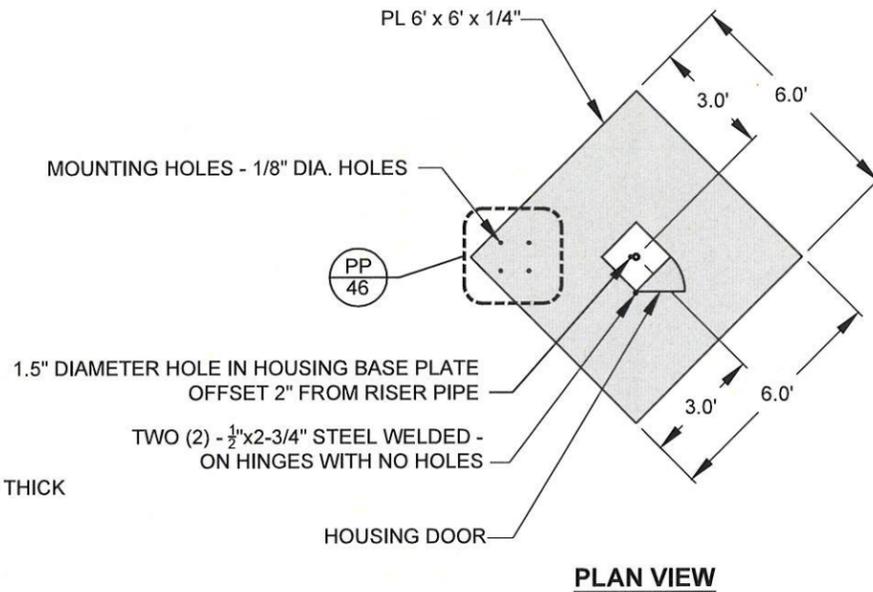


COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802		REV.	DATE	DESCRIPTION	BY
DRIVEWAY CROSSING DETAIL - AT GRADE		DESIGNED BY: TYNE FITZGERALD, P.E. - 0038153			
CAMERON MEADOWS MARSH CREATION AND TERRACING		APPROVED BY: RUDY SIMONEAUX, P.E.			
STATE PROJECT NUMBER: CS-0066		DRAWN BY: SHANE FAUST			
DATE: FEBRUARY 2020					
SHEET 46 OF 63					

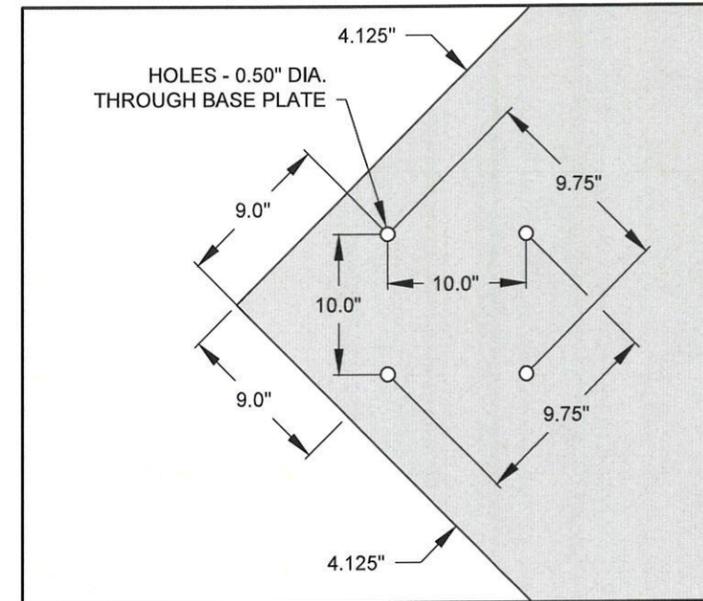


MARSH CREATION AREA GRADE STAKE DETAIL
NOT TO SCALE

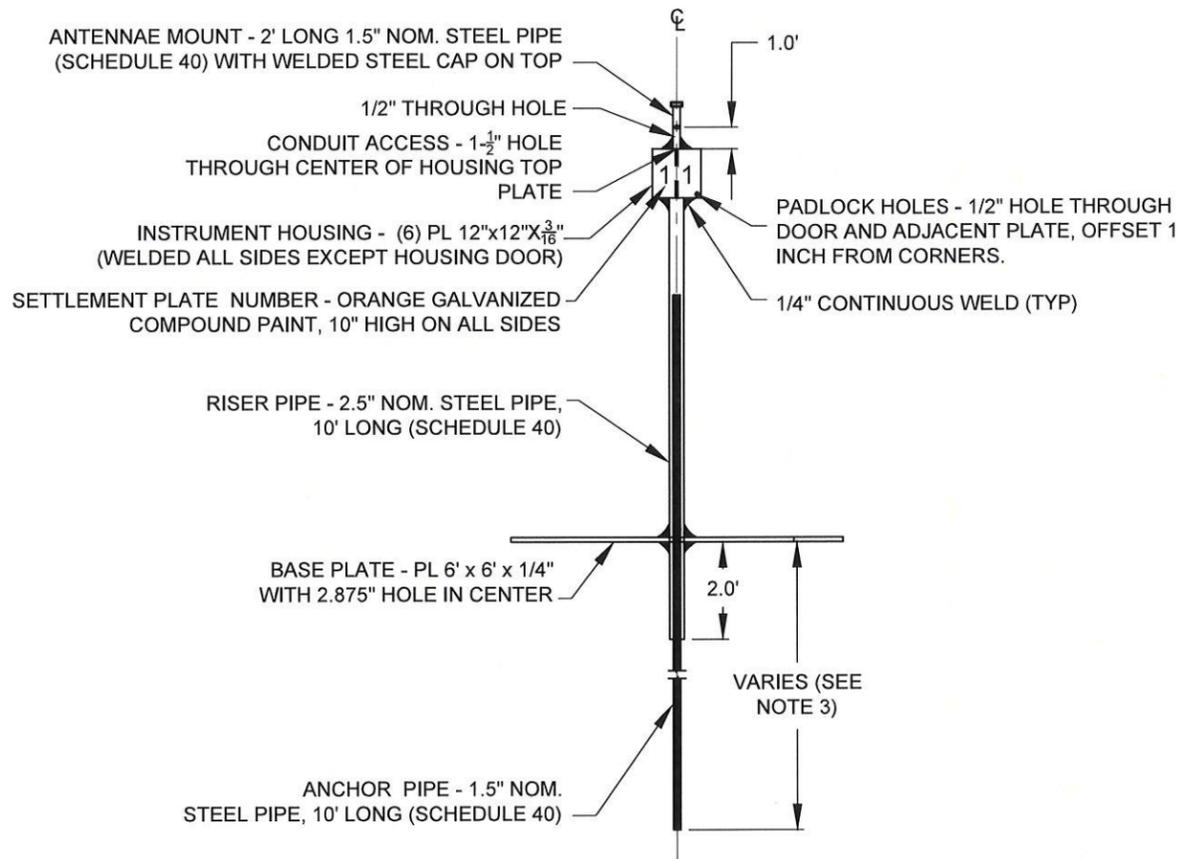
GRADE STAKE SIGN NOTE:
THE GRADE STAKE SIGN SHALL BE CONSTRUCTED USING A RIGID SUBSTRATE WITH ENGINEER-GRADE REFLECTIVE SHEETING ACCORDING TO THE SPECIFICATIONS



PLAN VIEW



PP 46 PRESSURE PLATE DETAIL
NOT TO SCALE



PROFILE VIEW

INSTRUMENTED SETTLEMENT PLATE
NOT TO SCALE

INSTRUMENTED SETTLEMENT PLATE NOTES:

1. THE INSTRUMENTED SETTLEMENT PLATES SHALL BE INSTALLED AT THE LOCATIONS SHOWN ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.
2. CPRA TO INSTALL INSTRUMENTATION ONTO THE SETTLEMENT PLATES IN THE FIELD WITH ASSISTANCE FROM THE CONTRACTOR.
3. DRIVEN DEPTH OF THE ANCHOR PIPE WILL BE DETERMINED BY THE ENGINEER OR RESIDENT PROJECT REPRESENTATIVE IN THE FIELD.



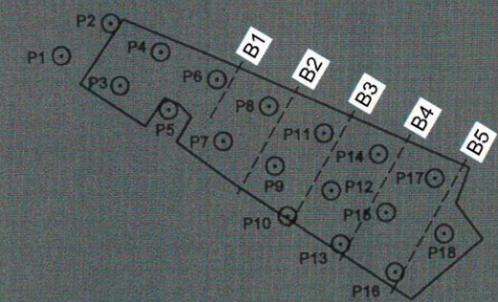
COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802		REV.	DATE	DESCRIPTION	BY
GRADE STAKES AND INSTRUMENTED SETTLEMENT PLATE DETAILS					
CAMERON MEADOWS MARSH CREATION AND TERRACING					
STATE PROJECT NUMBER: CS-0066	DESIGNED BY: TYE FITZGERALD, P.E. - 0038153				
DRAWN BY: SHANE FAUST	APPROVED BY: RUDY SIMONEAUX, P.E.				
DATE: FEBRUARY 2020					
SHEET 47 OF 63					



SOIL BORING COORDINATES		
POINT	NORTHING	EASTING
B1	484,220.87	2,541,569.80
B2	483,160.48	2,544,033.01
B3	483,869.97	2,546,417.59
B4	482,538.45	2,546,311.37
B5	485,067.30	2,547,164.28
B6	480,268.58	2,546,142.12
B7	485,262.86	2,547,987.62
B8	481,782.47	2,547,723.57
B9	483,318.23	2,550,230.50
B10	481,416.88	2,549,319.91
B11	465,973.61	2,553,099.34
B12	465,913.02	2,553,098.12

CPT SOUNDING COORDINATES		
POINT	NORTHING	EASTING
C1	483,203.11	2,540,941.12
C2	483,160.12	2,544,050.63
C3	482,058.50	2,544,565.79
C4	482,804.83	2,545,629.47
C5	485,067.30	2,547,164.28
C6	486,648.59	2,548,412.04
C7	483,905.97	2,548,638.71
C8	482,365.43	2,547,374.06
C9	482,254.33	2,547,371.82
C10	480,274.85	2,547,331.86
C11	477,013.01	2,544,754.38
C12	484,271.12	2,549,571.22
C13	482,305.82	2,548,826.74
C14	482,146.53	2,550,718.00
C15	481,283.11	2,549,440.58
C16	479,921.14	2,548,338.10

OFFSHORE VIBRACORE COORDINATES		
POINT	NORTHING	EASTING
P1	456,478.78	2,548,511.23
P2	456,037.04	2,549,375.30
P3	455,396.55	2,548,568.80
P4	455,087.35	2,549,373.83
P5	454,481.24	2,548,541.72
P6	454,065.54	2,549,441.46
P7	453,475.90	2,548,618.30
P8	453,130.61	2,549,403.63
P9	452,534.88	2,548,687.54
P10	451,950.92	2,548,084.92
P11	452,130.25	2,549,551.91
P12	451,532.39	2,548,799.64
P13	450,970.22	2,548,118.08
P14	451,150.54	2,549,700.31
P15	450,568.86	2,548,907.94
P16	449,962.20	2,548,141.00
P17	450,147.87	2,549,821.26
P18	449,566.01	2,549,112.83



- NOTES:**
- FILL AREA SURVEYS SHALL BE TAKEN AT THE LOCATIONS SHOWN AND AS DETAILED IN THE SPECIFICATIONS. THE CONTRACTOR SHALL ALSO EXTEND SURVEY TRANSECTS TO CAPTURE ALL PROJECT FEATURES.
 - SURVEY LAYOUT SHALL BE APPROVED BY THE ENGINEER PRIOR TO COMMENCEMENT OF SURVEY WORK.



COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802		REV.	DATE	DESCRIPTION	BY
DESIGN SURVEY LAYOUT	DESIGNED BY: TYE FITZGERALD, P.E. - 0038153	APPROVED BY: RUDY SIMONEAUX, P.E.			
CAMERON MEADOWS MARSH CREATION AND TERRACING	STATE PROJECT NUMBER: CS-0066	DRAWN BY: SHANE FAUST			
DATE: FEBRUARY 2020		SHEET 48 OF 63			



STATE OF LOUISIANA
 TYE FITZGERALD
 License No. 38153
 PROFESSIONAL ENGINEER
 IN
 CIVIL ENGINEERING
Tye Fitzgerald
 02/18/2020

REV.	DATE	DESCRIPTION	BY

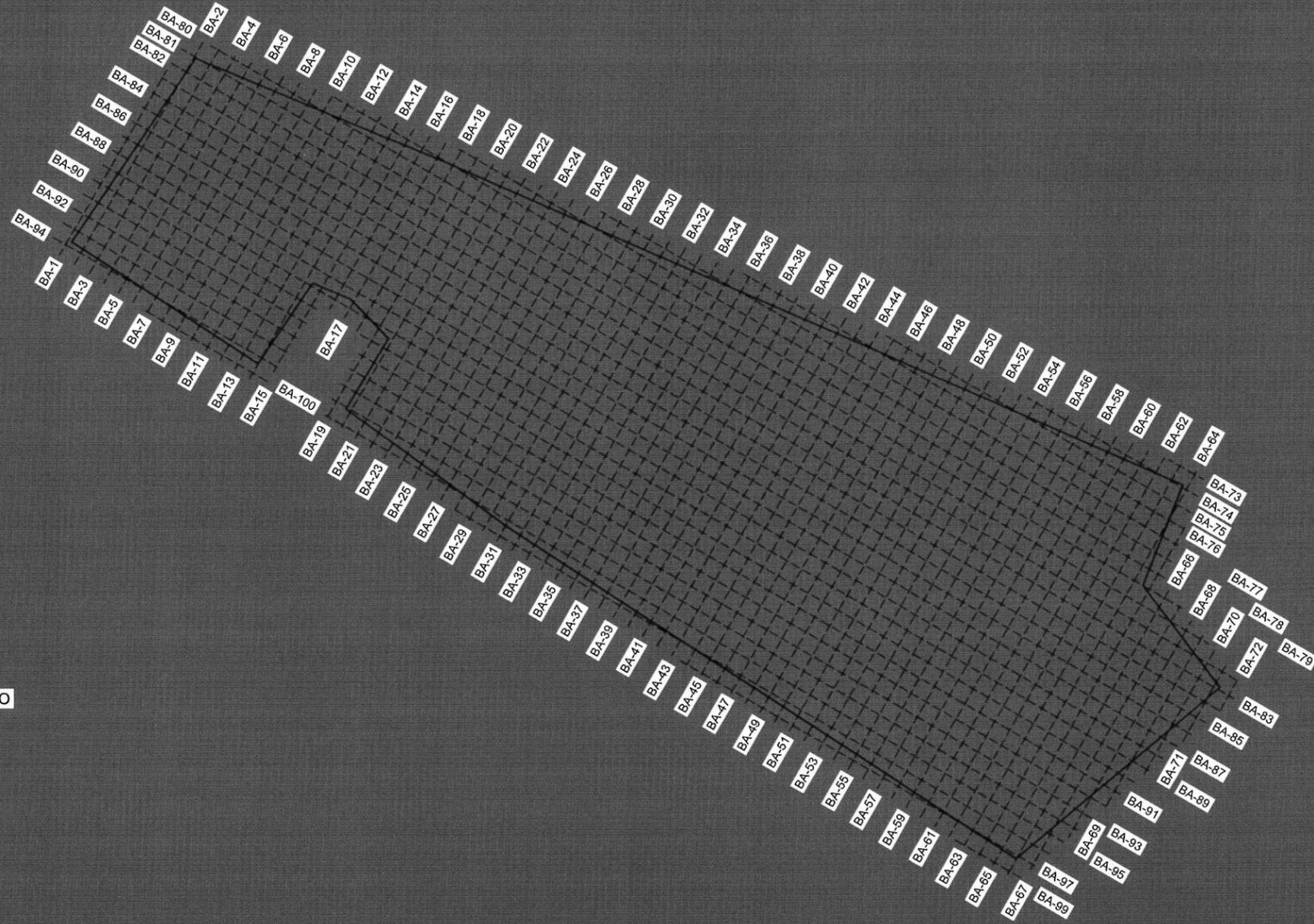
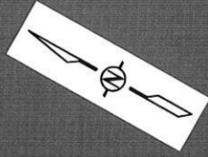
COASTAL PROTECTION AND RESTORATION AUTHORITY
 150 TERRACE AVENUE
 BATON ROUGE, LOUISIANA 70802

CONSTRUCTION SURVEY LAYOUT
 DESIGNED BY: TYE FITZGERALD, P.E. - 0038153
 APPROVED BY: RUDY SIMONEAUX, P.E.

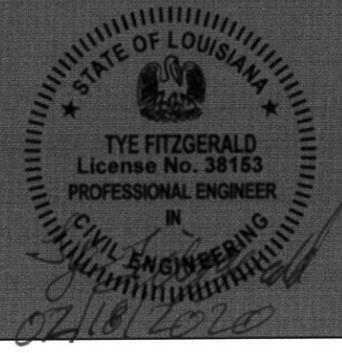
CAMERON MEADOWS MARSH CREATION AND TERRACING
 STATE PROJECT NUMBER: CS-0066
 DRAWN BY: SHANE FAUST

DATE: FEBRUARY 2020
 SHEET 49 OF 63

- NOTES:**
1. FILL AREA SURVEYS SHALL BE TAKEN AT THE LOCATIONS SHOWN AND AS DETAILED IN THE SPECIFICATIONS. THE CONTRACTOR SHALL ALSO EXTEND SURVEY TRANSECTS TO CAPTURE ALL PROJECT FEATURES.
 2. SURVEY LAYOUT SHALL BE APPROVED BY THE ENGINEER PRIOR TO COMMENCEMENT OF SURVEY WORK.



GULF OF MEXICO



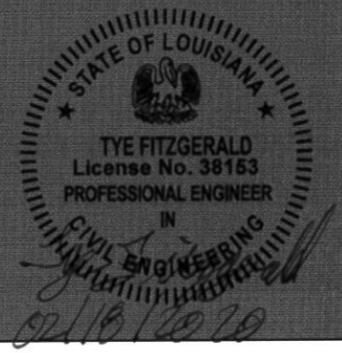
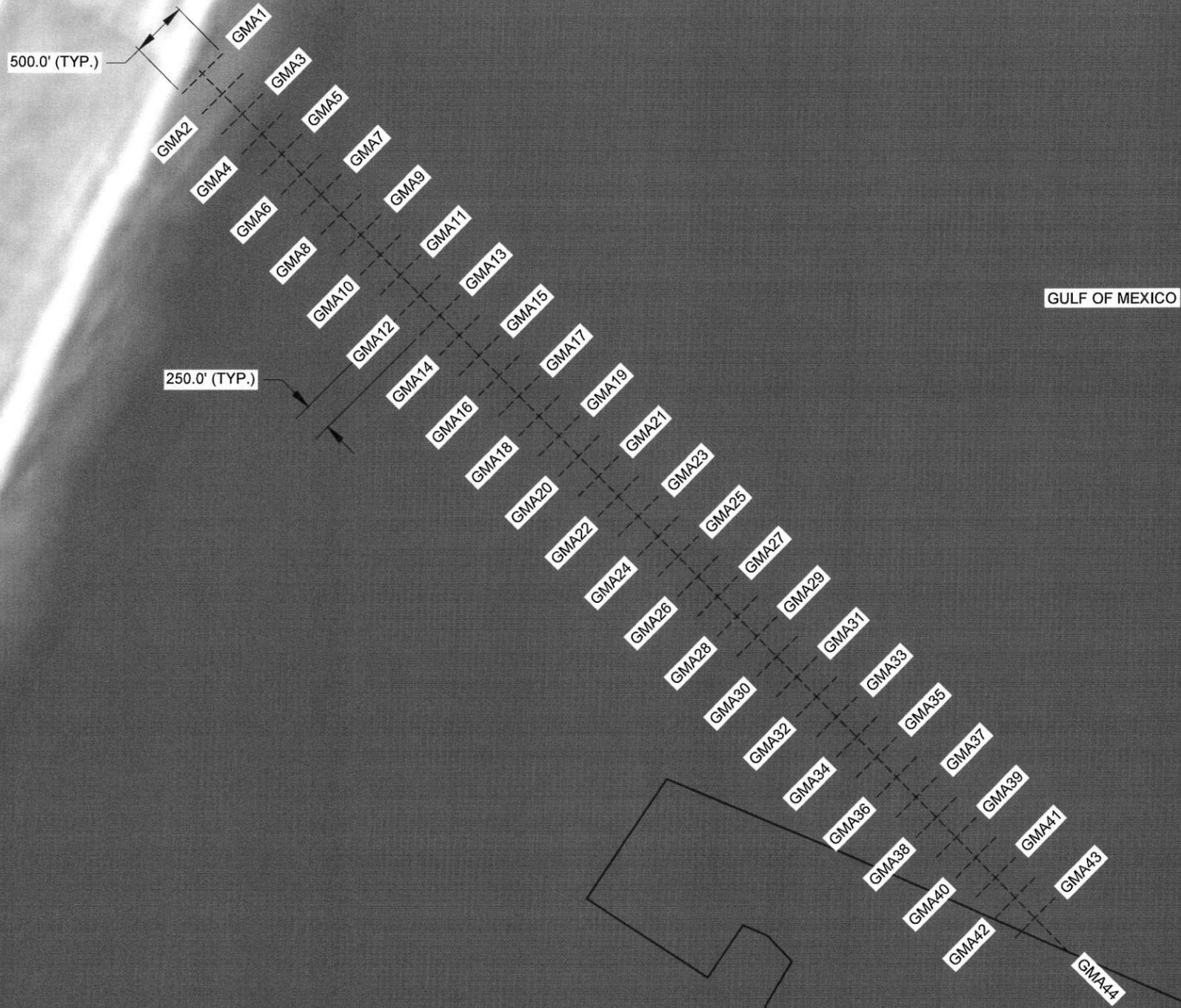
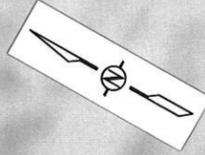
REV.	DATE	DESCRIPTION	BY

COASTAL PROTECTION AND RESTORATION AUTHORITY
 150 TERRACE AVENUE
 BATON ROUGE, LOUISIANA 70802

BORROW AREA CONSTRUCTION SURVEY LAYOUT
 DESIGNED BY: TYE FITZGERALD, P. E. - 0038153
 APPROVED BY: RUDY SIMONEAUX, P. E.

CAMERON MEADOWS MARSH CRETON AND TERRACING
 STATE PROJECT NUMBER: CS-0066
 DRAWN BY: SHANE FAUST

DATE: FEBRUARY 2020

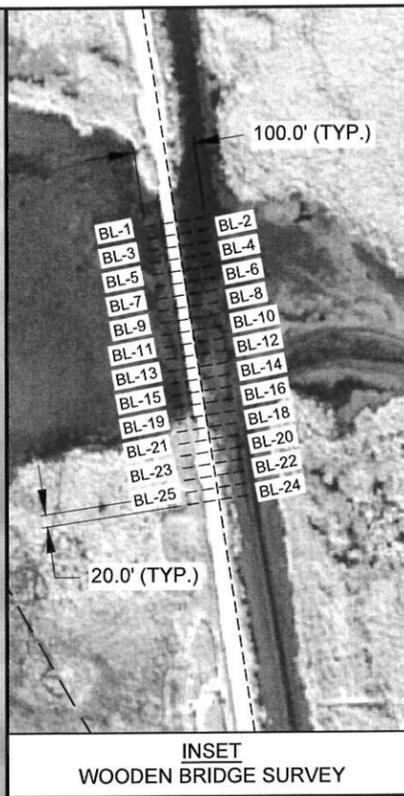
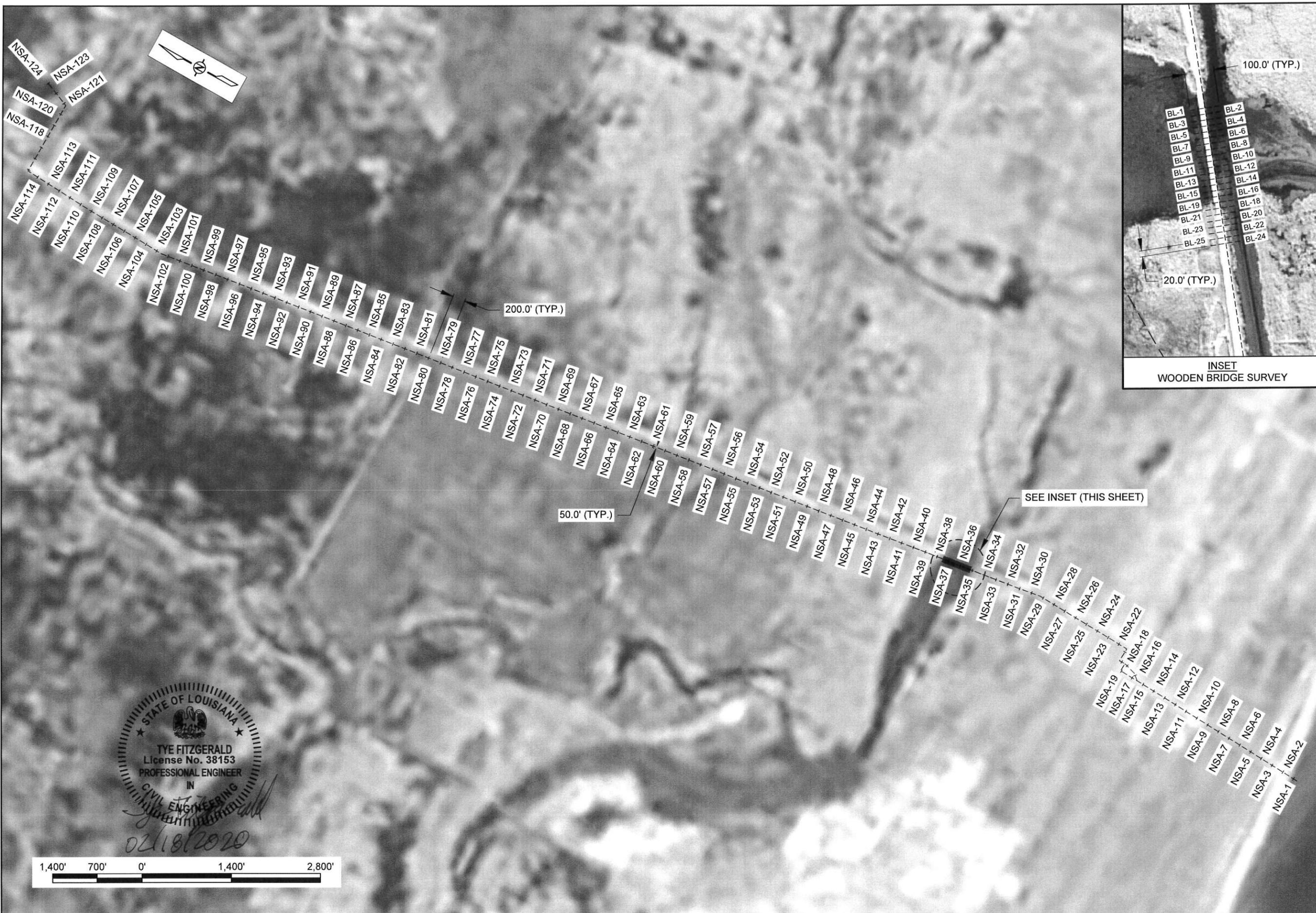


REV.	DATE	DESCRIPTION	BY

COASTAL PROTECTION AND RESTORATION AUTHORITY
 150 TERRACE AVENUE
 BATON ROUGE, LOUISIANA 70802

GULF OF MEXICO ACCESS CONSTRUCTION SURVEY LAYOUT
 DESIGNED BY: TYE FITZGERALD, P.E. - 0038153
 APPROVED BY: RUDY SIMONEAUX, P.E.

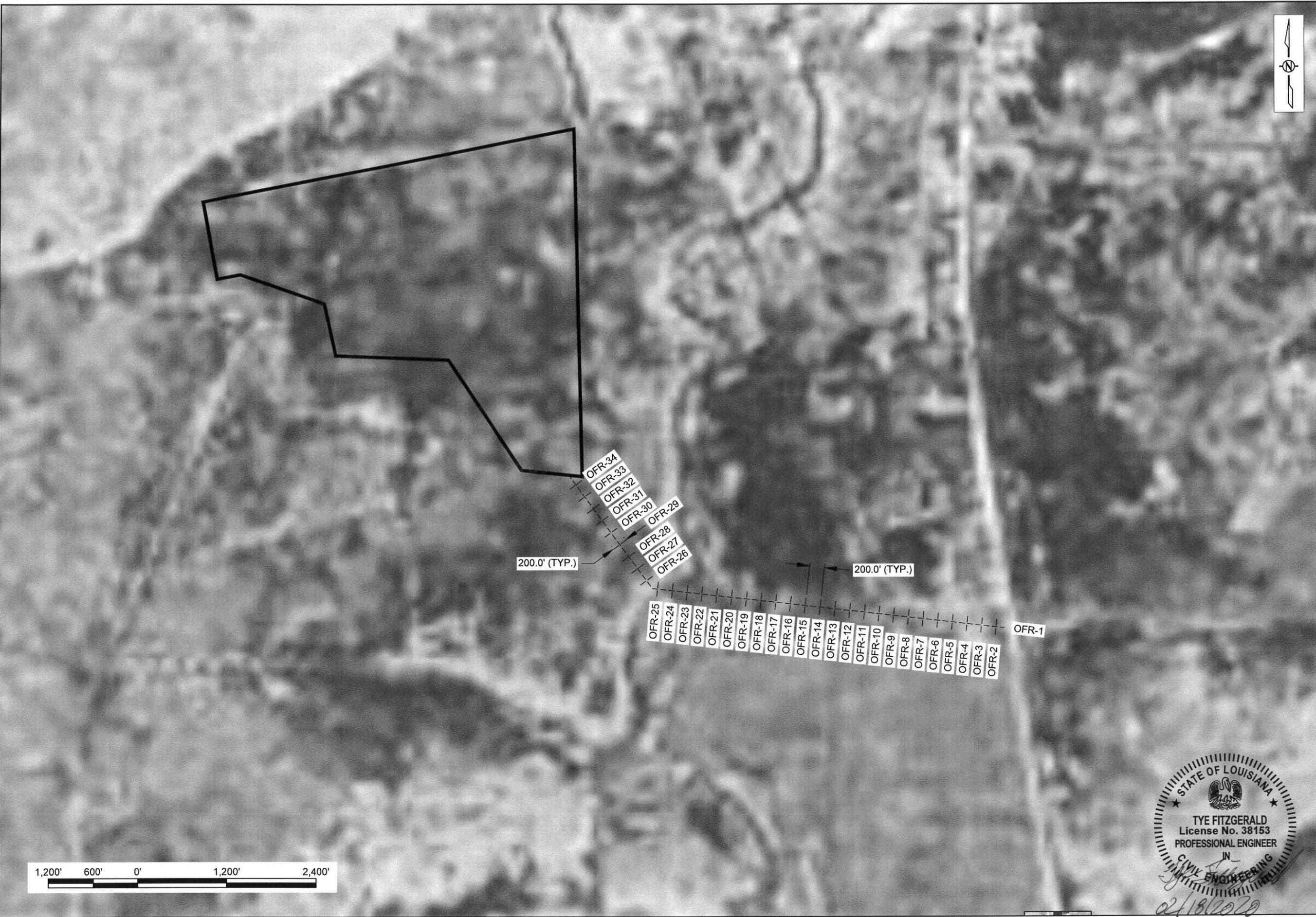
CAMERON MEADOWS MARSH CREATION AND TERRACING
 STATE PROJECT NUMBER: CS-0066
 DRAWN BY: SHANE FAUST



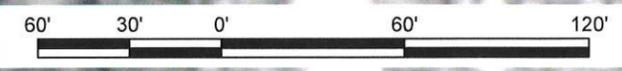
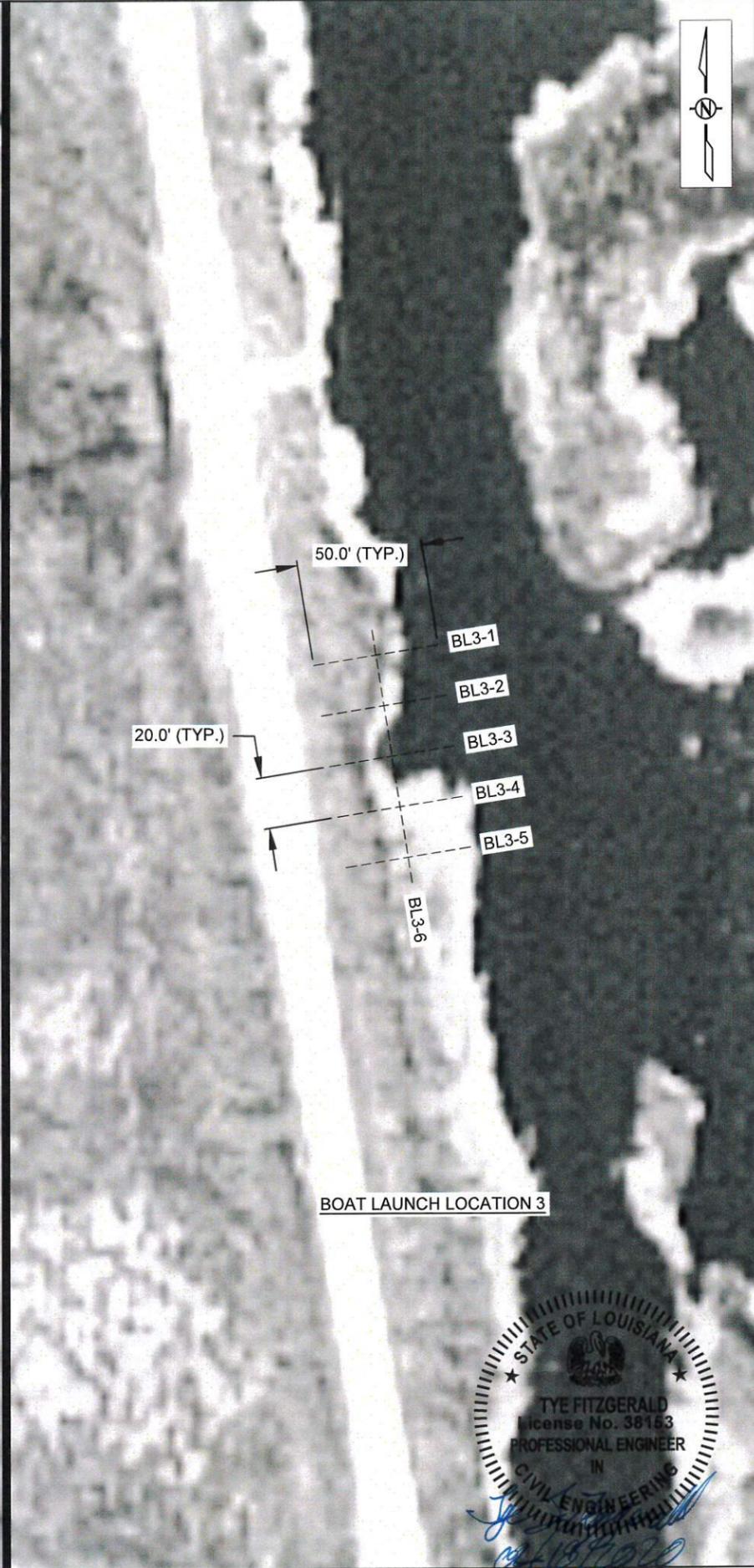
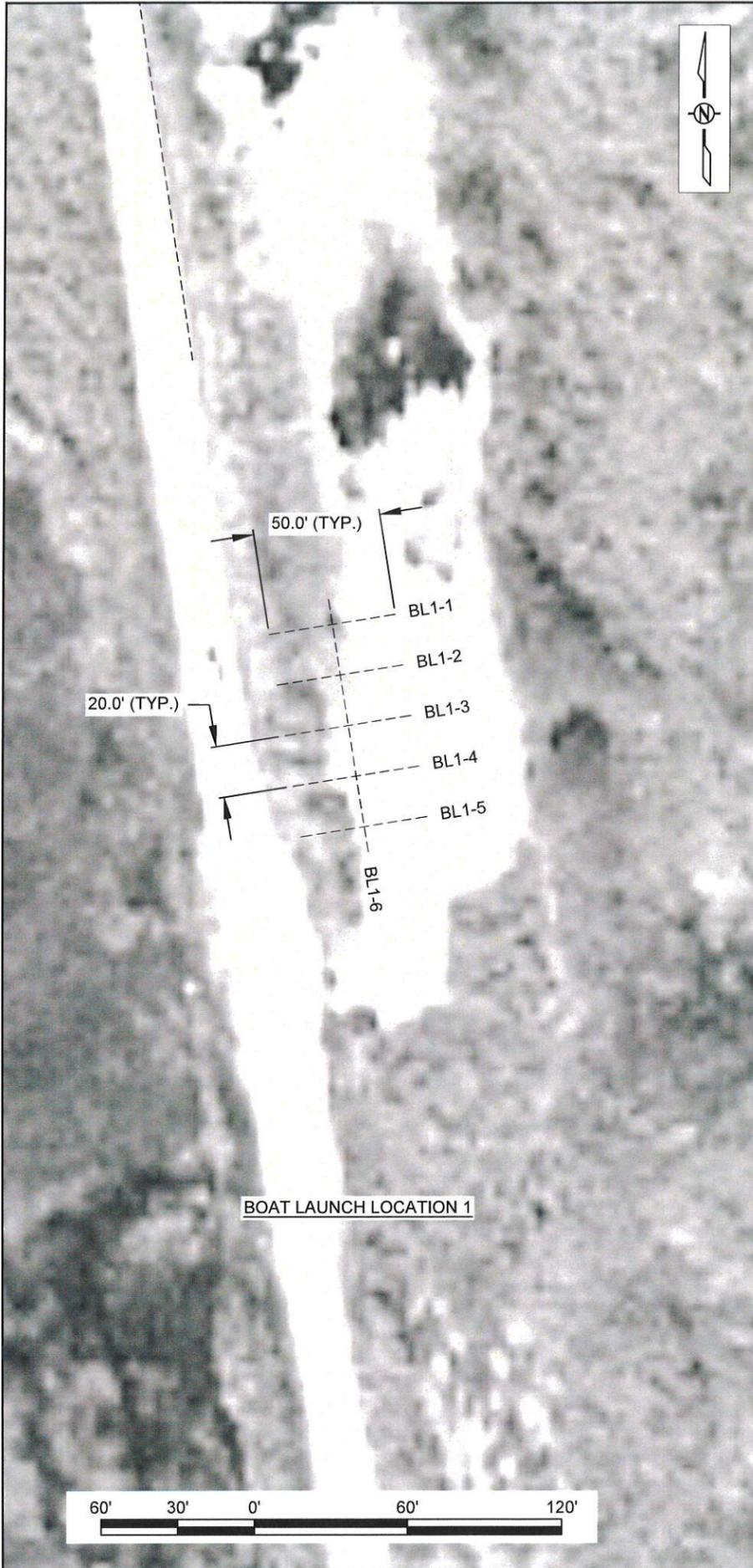
STATE OF LOUISIANA
 TYE FITZGERALD
 License No. 38153
 PROFESSIONAL ENGINEER
 IN
 CIVIL ENGINEERING
 02/18/2020



CAMERON MEADOWS MARSH CRETON AND TERRACING		SHORELINE TO NORTH STAGING AREA CONSTRUCTION SURVEY LAYOUT		COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	
STATE PROJECT NUMBER: CS-0066	DESIGNED BY: TYE FITZGERALD, P.E. - 0038153	REV.	DATE	DESCRIPTION	BY
DRAWN BY: SHANE FAUST	APPROVED BY: RUDY SIMONEAUX, P.E.				
DATE: FEBRUARY 2020		SHEET 52 OF 63			



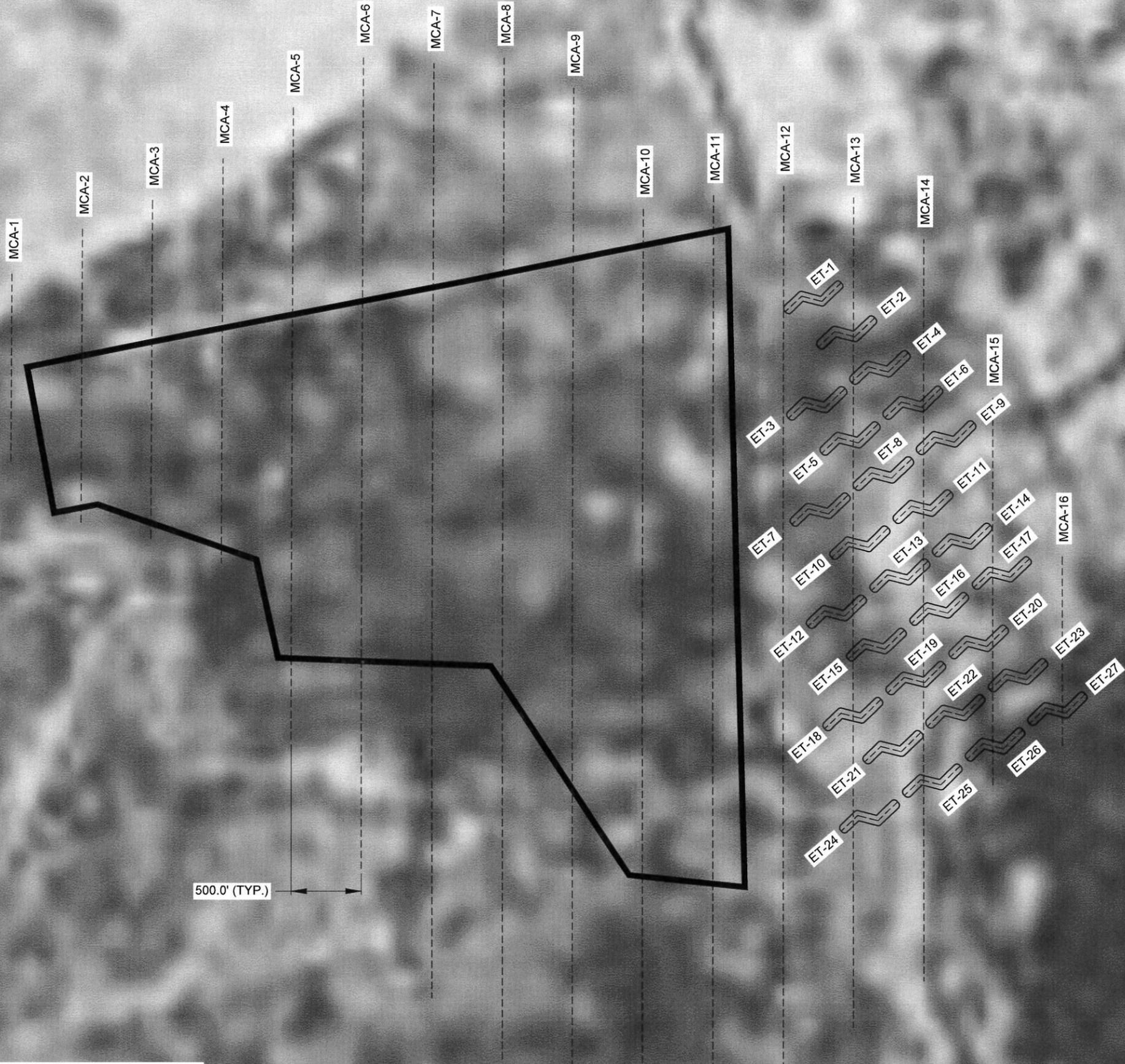
CAMERON MEADOWS MARSH CREATION AND TERRACING	STATE PROJECT NUMBER: CS-0066	DESIGNED BY: TYE FITZGERALD, P.E. - 0038153	OIL FIELD ROAD TO MARSH CREATION AREA CONSTRUCTION SURVEY LAYOUT	COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	REV.	DATE	DESCRIPTION	BY
	DRAWN BY: SHANE FAUST	APPROVED BY: RUDY SIMONEAUX, P.E.						
DATE: FEBRUARY 2020				SHEET 53 OF 63				



CAMERON MEADOWS MARSH CRETON AND TERRACING		BOAT LAUNCH LOCATIONS CONSTRUCTION SURVEY LAYOUT		COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	
DATE: FEBRUARY 2020	STATE PROJECT NUMBER: CS-0066	DESIGNED BY: TYE FITZGERALD, P.E. - 0038153	APPROVED BY: RUDY SIMONEAUX, P.E.	REV.	DATE
DRAWN BY: SHANE FAUST				DESCRIPTION	BY
SHEET 54 OF 63					



500.0' (TYP.)



COASTAL PROTECTION AND RESTORATION AUTHORITY
 150 TERRACE AVENUE
 BATON ROUGE, LOUISIANA 70802

OIL FIELD ROAD TO MARSH CREATION AREA CONSTRUCTION SURVEY LAYOUT

DESIGNED BY: TYE FITZGERALD, P.E. - 0038153
 APPROVED BY: RUDY SIMONEAUX, P.E.

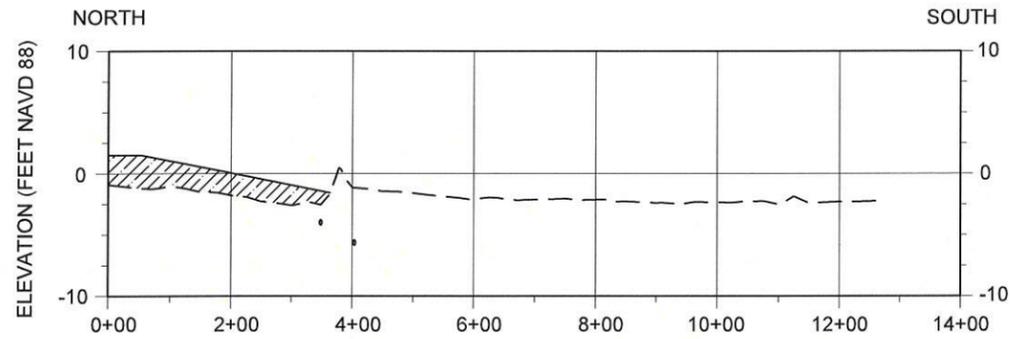
CAMERON MEADOWS MARSH CREATION AND TERRACING

STATE PROJECT NUMBER: CS-0066
 DRAWN BY: SHANE FAUST

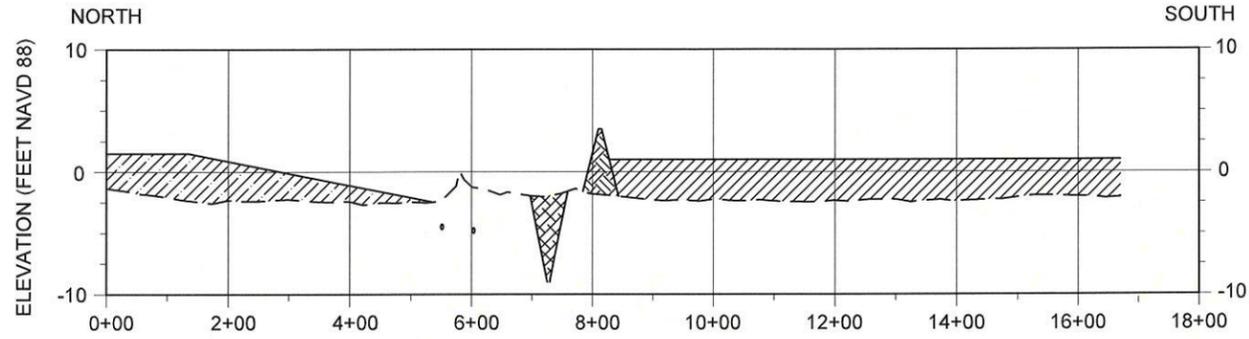
DATE: FEBRUARY 2020

SHEET 55 OF 63

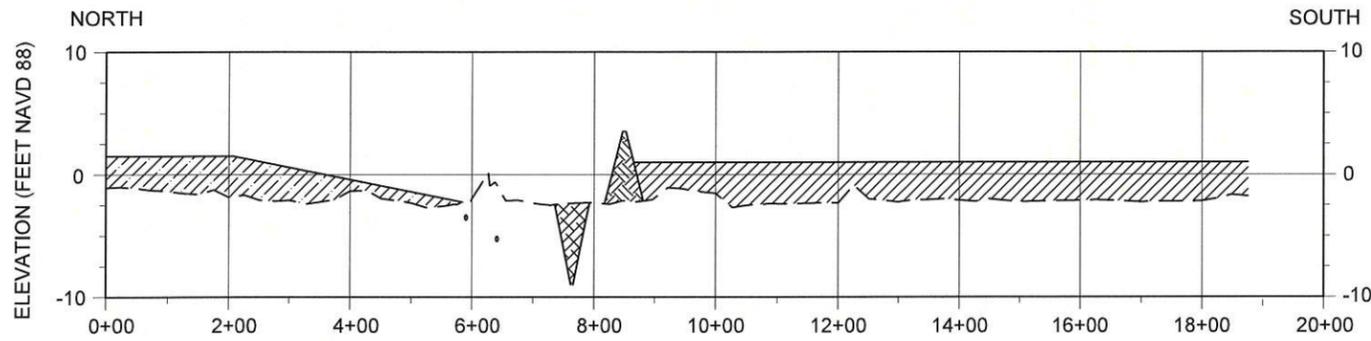
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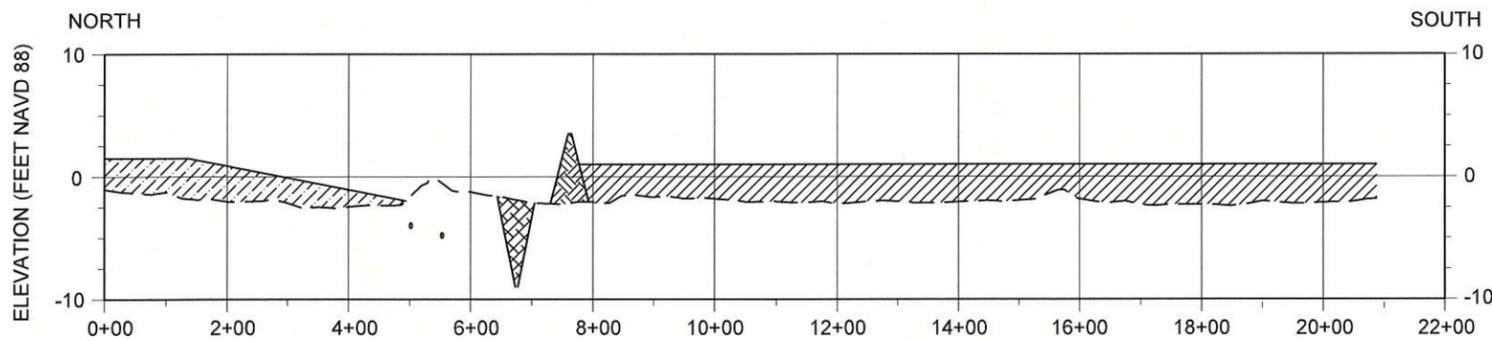
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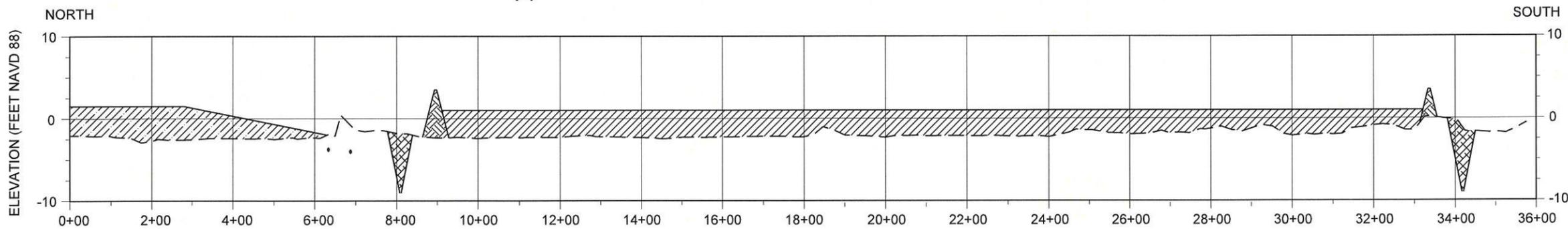
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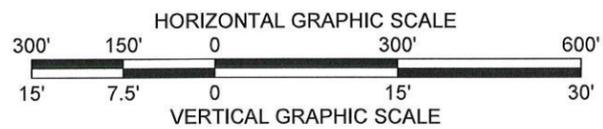
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T4



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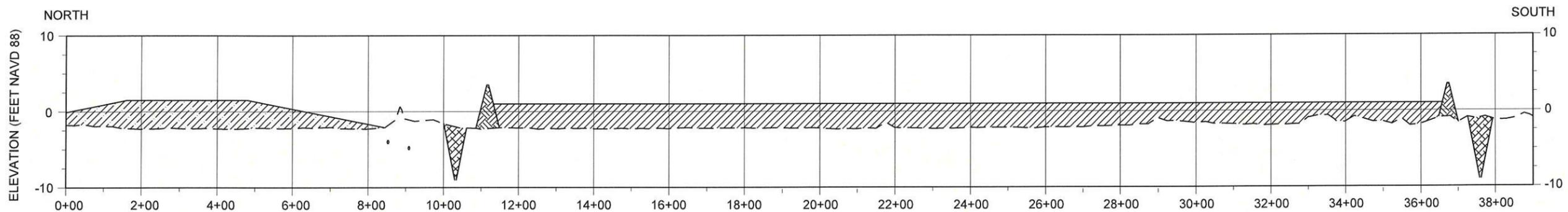


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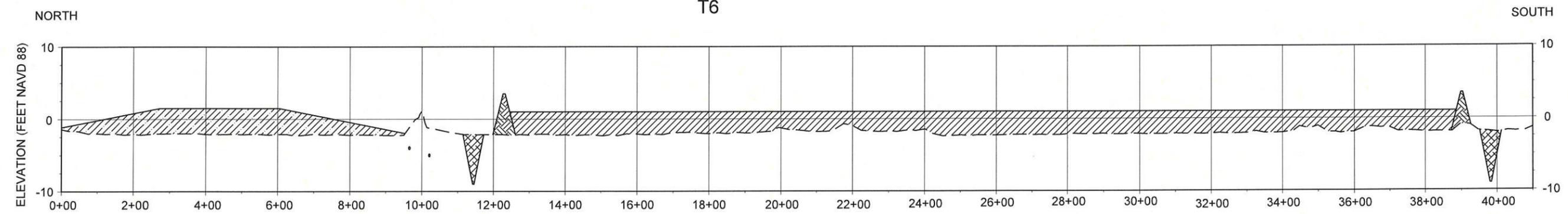
COASTAL PROTECTION AND RESTORATION AUTHORITY
 150 TERRACE AVENUE
 BATON ROUGE, LOUISIANA 70802

MARSH CREATION AREA CROSS SECTIONS
 DESIGNED BY: TYE FITZGERALD, P.E. - 0038153
 APPROVED BY: RUDY SIMONEAUX, P.E.

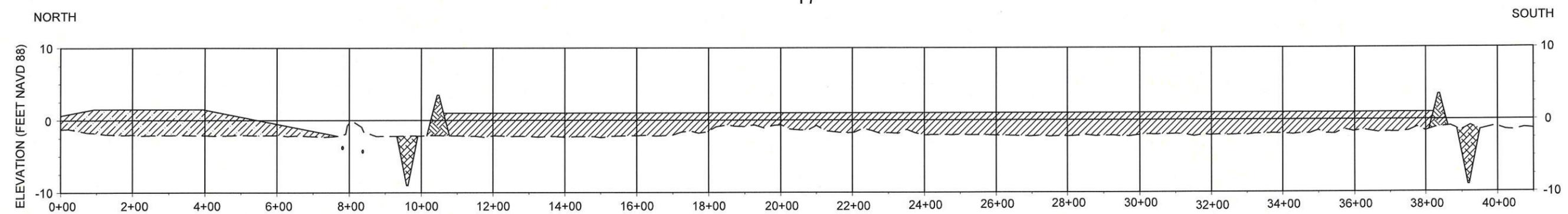
CAMERON MEADOWS MARSH CREATION AND TERRACING
 STATE PROJECT NUMBER: CS-0066
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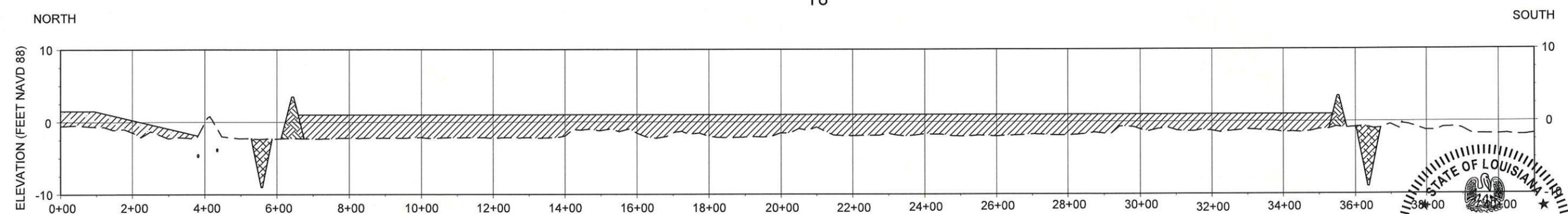
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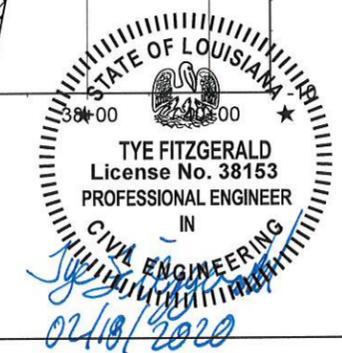
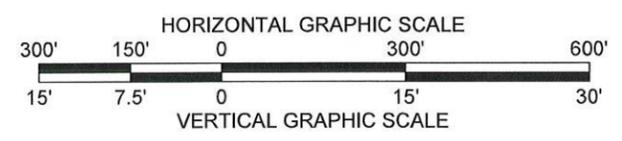
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T9

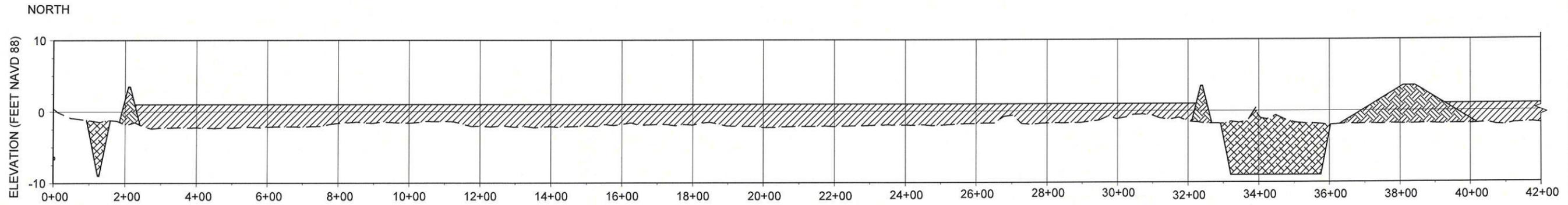


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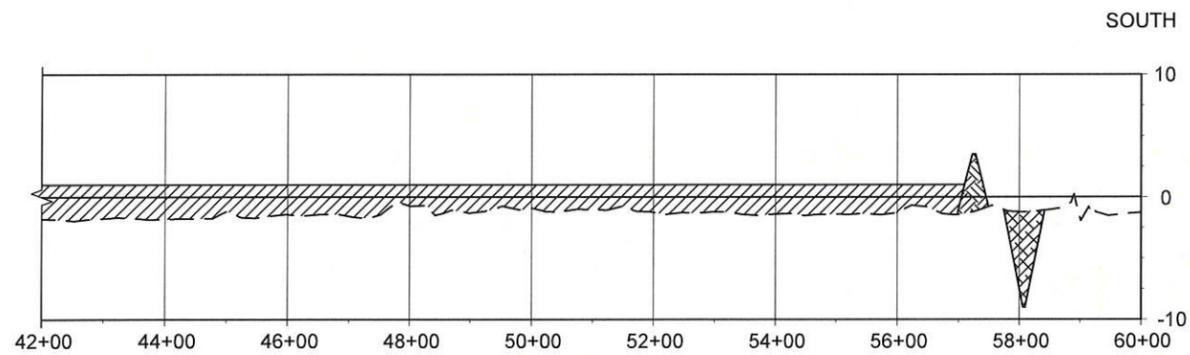
COASTAL PROTECTION AND RESTORATION AUTHORITY
 150 TERRACE AVENUE
 BATON ROUGE, LOUISIANA 70802

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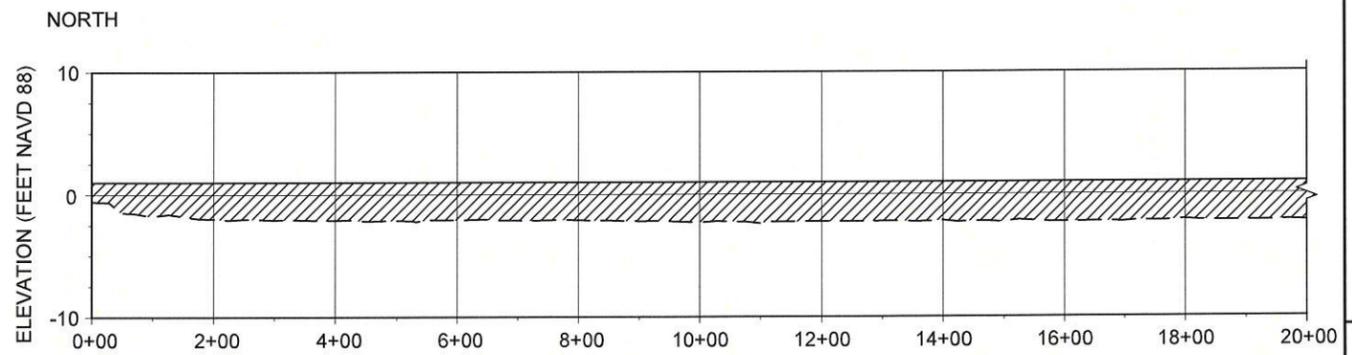
CAMERON MEADOWS MARSH CREATION AND TERRACING
 STATE PROJECT NUMBER: CS-0066
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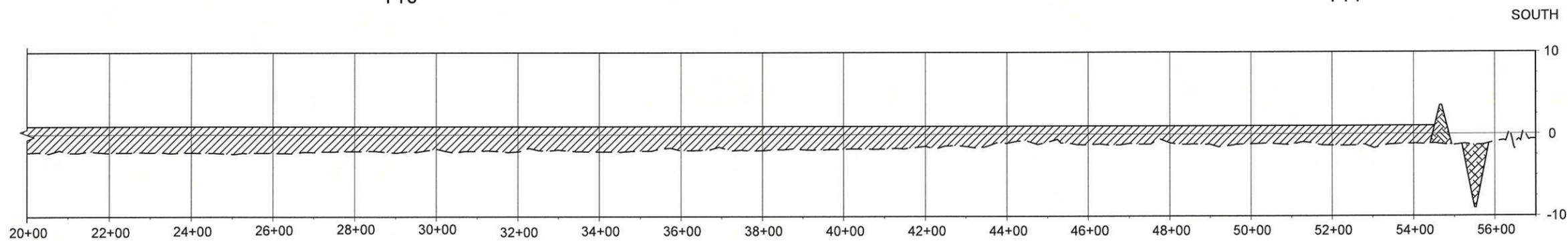
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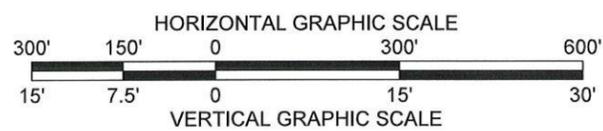
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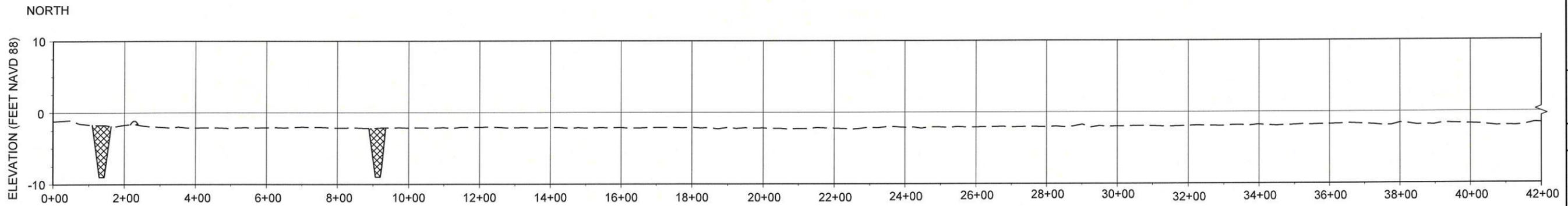
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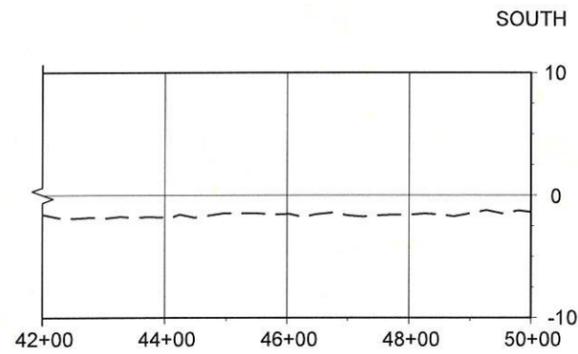
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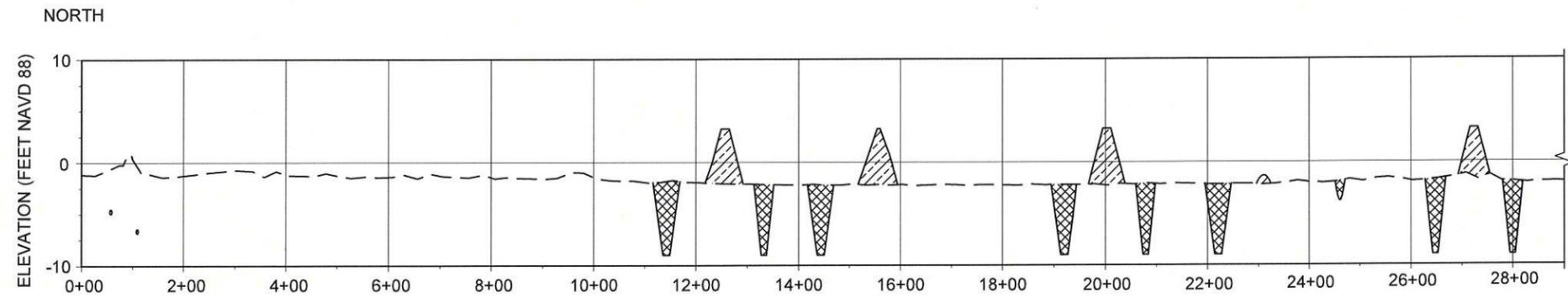
COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802		REV.	DATE	DESCRIPTION	BY
MARSH CREATION AREA CROSS SECTIONS					
DESIGNED BY: TYE FITZGERALD, P.E. - 0038153					
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CAMERON MEADOWS MARSH CREATION AND TERRACING					
STATE PROJECT NUMBER: CS-0066					
DRAWN BY: SHANE FAUST					
DATE: FEBRUARY 2020					
SHEET 58 OF 63					



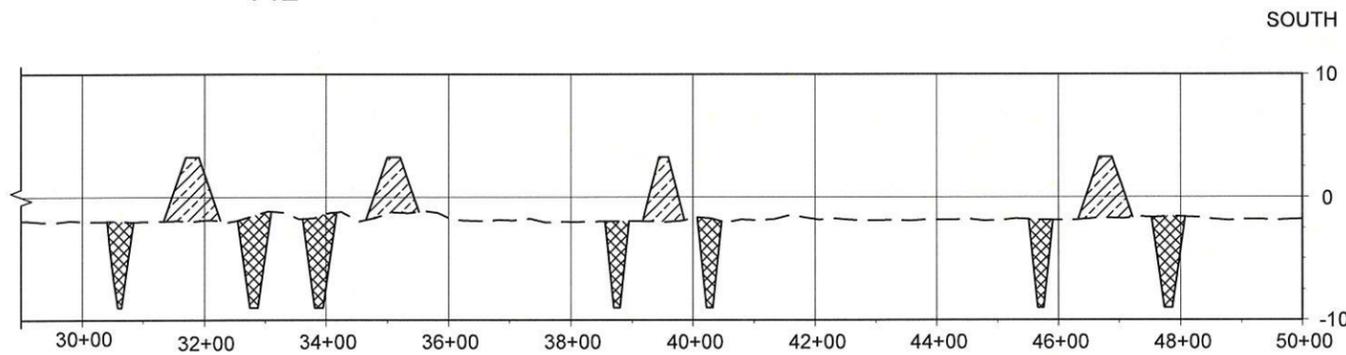
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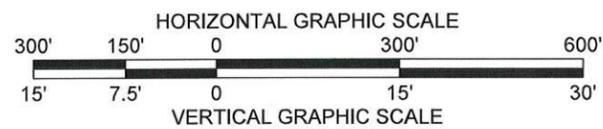
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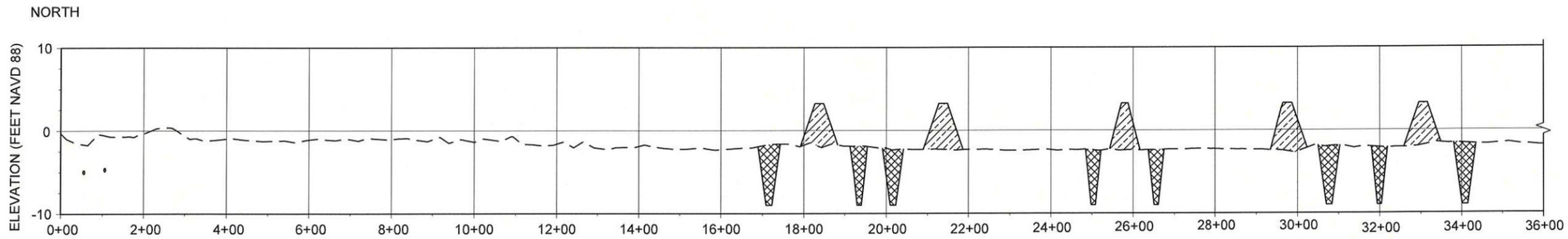


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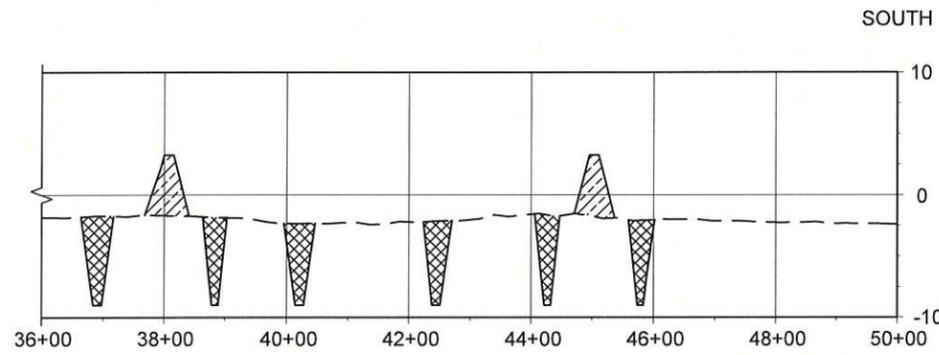


Tye Fitzgerald
02/18/2020

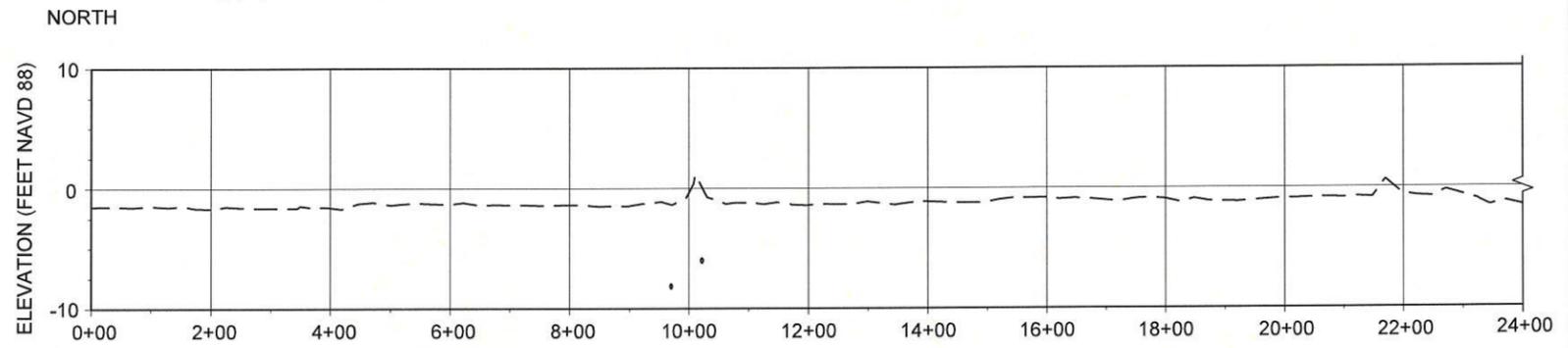
COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802		REV.	DATE	DESCRIPTION	BY
TERRACE AREA CROSS SECTIONS		DESIGNED BY: TYE FITZGERALD, P.E. - 0038153	APPROVED BY: RUDY SIMONEAUX, P.E.		
CAMERON MEADOWS MARSH CREATION AND TERRACING		STATE PROJECT NUMBER: CS-0066	DRAWN BY: SHANE FAUST		
DATE: FEBRUARY 2020		SHEET 59 OF 63			



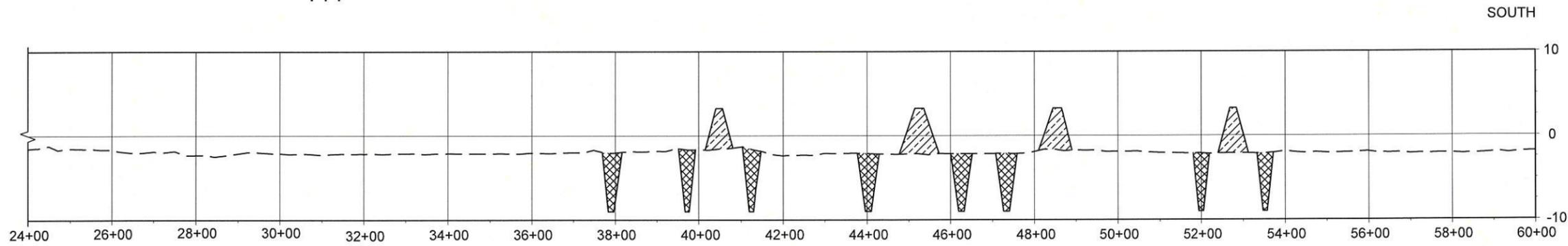
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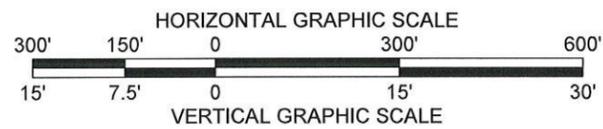
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T15



T15

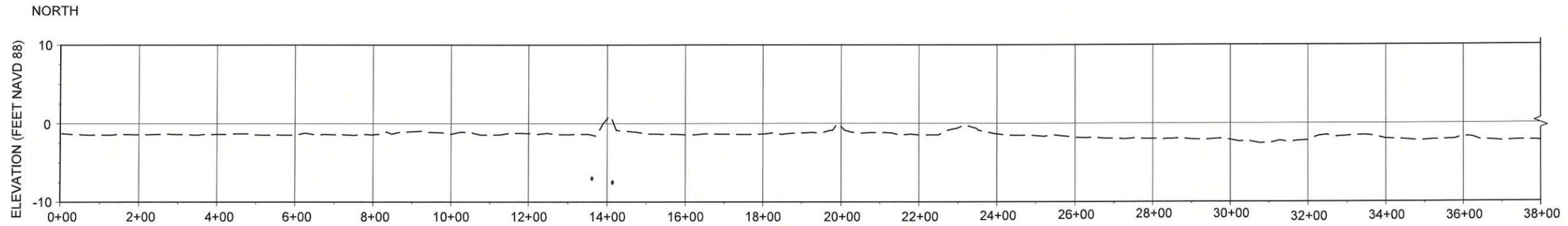


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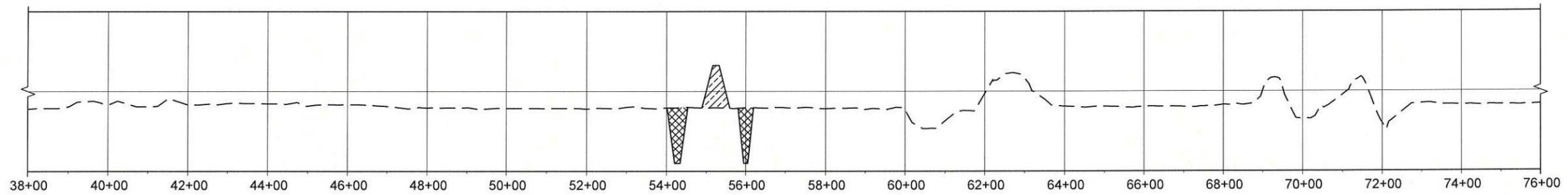
COASTAL PROTECTION AND RESTORATION AUTHORITY
 150 TERRACE AVENUE
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TERRACE AREA CROSS SECTIONS
 DESIGNED BY: TYE FITZGERALD, P.E. - 0038153
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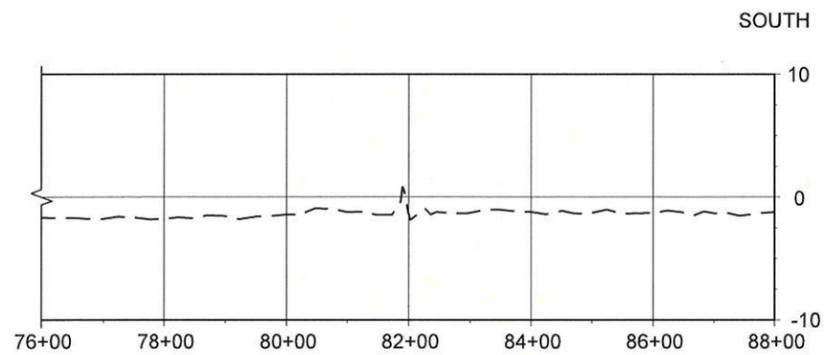
CAMERON MEADOWS MARSH CREATION AND TERRACING
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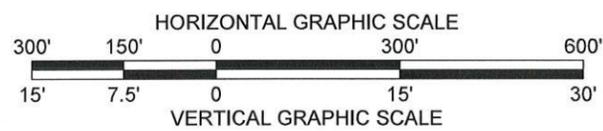
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T16



T16

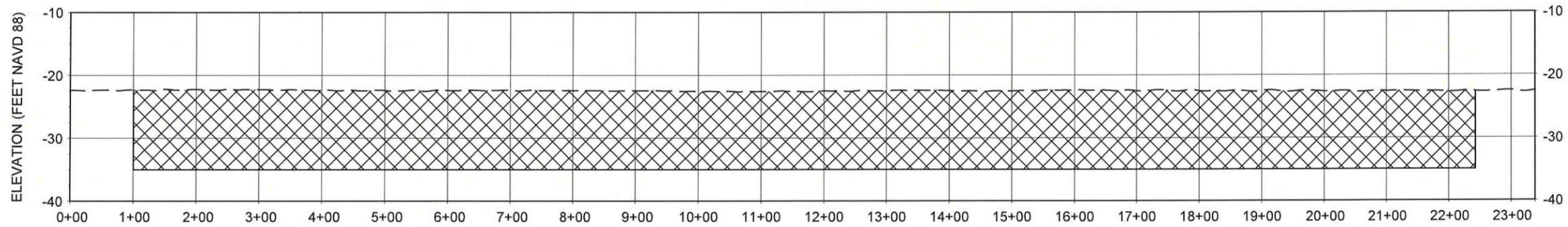


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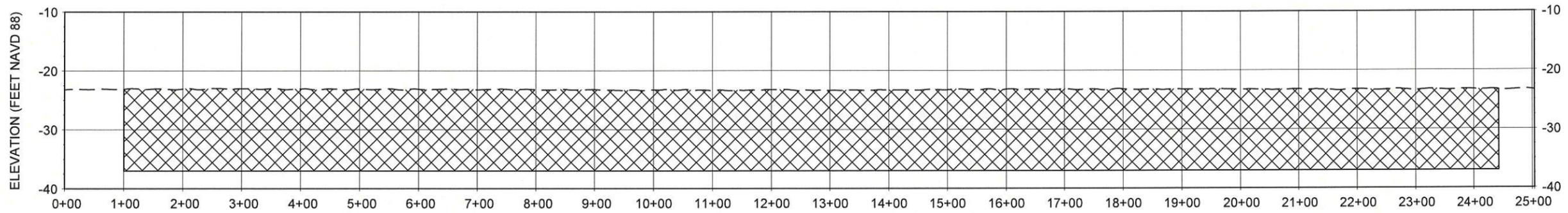
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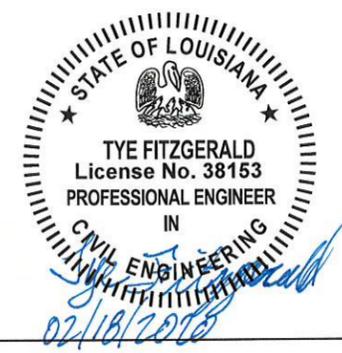
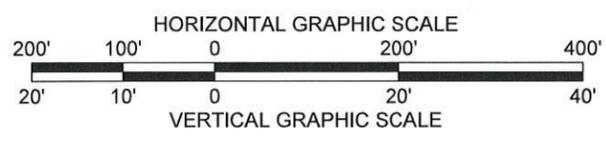
CAMERON MEADOWS MARSH CREATION AND TERRACING
 STATE PROJECT NUMBER: CS-0066
 DRAWN BY: SHANE FAUST



B4



B5



CAMERON MEADOWS MARSH CREATION AND TERRACING		BORROW AREA CROSS SECTIONS		COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	
DATE:	FEBRUARY 2020	DESIGNED BY:	TYE FITZGERALD, P.E. - 0038153	REV.	
SHEET	63 OF 63	APPROVED BY:	RUDY SIMONEAUX, P.E.	DATE	
		DRAWN BY:	SHANE FAUST	DESCRIPTION	
				BY	