FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	1

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

PLANS OF PROPOSED

ISLE DERNIERES RESTORATION PROJECTS

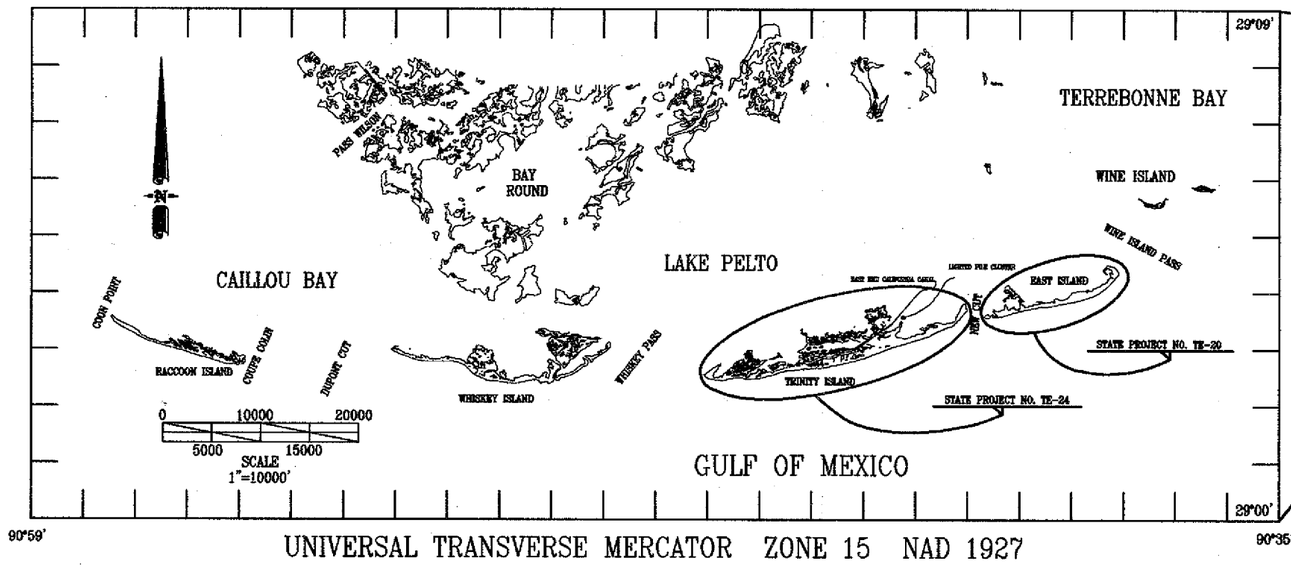
EAST ISLAND (PHASE 0)

STATE PROJECT NO. TE-20
FEDERAL PROJECT NO. TE-20

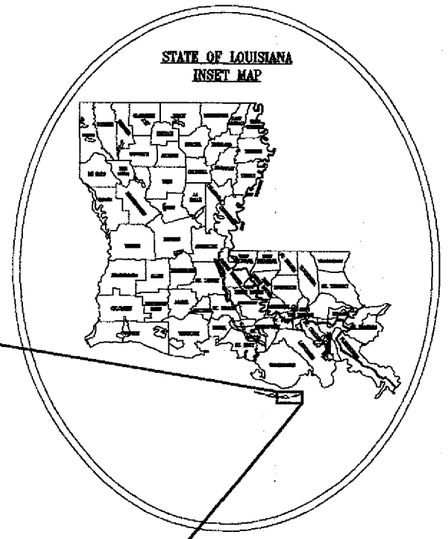
TRINITY ISLAND (PHASE 1)

STATE PROJECT NO. TE-24
FEDERAL PROJECT NO. XTE-41

TERREBONNE PARISH



UNIVERSAL TRANSVERSE MERCATOR ZONE 15 NAD 1927



INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	TITLE PAGE
2	SUMMARY ESTIMATED QUANTITIES, CIVIL LEGEND, GENERAL NOTES
3,4	TRINITY ISLAND TOPOGRAPHIC AERIAL MAPS 1"=500'
5	EAST ISLAND TOPOGRAPHIC AERIAL MAPS 1"=500'
6	TYPICAL SECTIONS
7-10	TRINITY ISLAND PROJECT LAYOUT AERIALS 1"=200'
11-13	EAST ISLAND PROJECT LAYOUT AERIALS 1"=200'
14-17	SAND SOURCE BORROW AREA MAPS WITH BATHYMETRY, TRINITY ISLAND
18-21	SAND SOURCE BORROW AREA MAPS WITH BATHYMETRY, EAST ISLAND
22	TRINITY ISLAND BULKHEAD AND WHARF DETAILS
23	EAST ISLAND BULKHEAD AND WHARF DETAILS
24	OVERFLOW WEIR BOX DETAILS
25	TYPICAL SNOW FENCING LAYOUT
26-39	TRINITY ISLAND CROSS-SECTIONS
40-48	EAST ISLAND CROSS-SECTIONS

DATUM USED: N.G.V.D.
MAG.VAR.: N/A
BEARINGS ARE TRUE
TRANSIT BOOK(S): TBS #2094 & CEEC #122
PLAN: 1"=500' & 1"=200'
DATE: 7/97
SCALES:
PROFILES: HOR. 1"=100'
VERT. 1"=10'

TYPE OF CONSTRUCTION

HYDRAULIC DREDGING
BUCKET DREDGING
CONTAINMENT LEVEES/STRUCTURES
SHAPING DUNE & MARSH PLATFORM
SAND FENCING
TREATED TIMBER DOCKS & BULKHEADS

VICINITY MAP

RECOMMENDED FOR APPROVAL

D.N.R. PROJECT MANAGER — DATE

RECOMMENDED FOR APPROVAL

E.P.A. PROJECT MANAGER — DATE

PREPARED BY
T. BAKER SMITH & SON, INC.
MARC J. ROGERS
REG. No. 10340
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
MARC J. ROGERS, SR., P.E. — DATE 9/8/97

PLANS ARE ONE-HALF ORIGINAL SCALE

FEDERAL PROJECT SPONSOR

STATE PROJECT SPONSOR

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2286 HOUMA, LOUISIANA 70361

FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	2

SUMMARY OF ESTIMATED QUANTITIES

CIVIL LEGEND

- 3 — EXISTING CONTOUR LINE
- SLOPE BREAK LINE
- MARSH PLATFORM
- DUNE AT +8.0 N.G.V.D.
- BUCKET DREDGE
- G.P.S. POINT WITH X, Y & Z CONTROL ON SURVEY BASELINE
- T.B.M., P.O.T., OR PI ON SURVEY TRAVERSE OR BASELINE SET BY ENGINEER, 3/4 INCH G.I.P.
- (1) POINTS WITH LISTED COORDINATES
- (1) COORDINATES OF GAS PIPELINES
- GEOTECHNICAL CORE HOLE
- PL8 — NATURAL GAS OR OIL PIPELINE WITH SIZE IN INCHES.
- EXISTING CAMP
- OYSTER LEASE WITH ACREAGE
- FLOTATION CANAL
- BORROW AREA BOUNDARY
- 60 — PERCENTAGE (60%) SAND CONTOUR LINE
- PILE CLUSTER
- MARSH OR BEACH
- EXISTING DOCKS TO BE REMOVED BY CONTRACTOR
- EXISTING FLOATING CAMPS TO BE REMOVED BY OWNER
- EROSION PROTECTION
- DENOTED CROSS-SECTION LOCATIONS
- 0 – 5' SAND SOURCE
- 5' – 10' SAND SOURCE
- 10' – 15' SAND SOURCE
- 15' – 20' SAND SOURCE
- BORROW AREA 0–10' (0–5' OVERLAY 5'–10')
- BORROW AREA 0–15' (0–5' OVERLAP 5'–10' AND 5'–10' OVERLAP 10'–15')
- BORROW AREA 5'–15'(5'–10' OVERLAP 10'–15'), (0–5' OVERBURDEN < 70% SAND)
- BORROW AREA 0–5' AND 10'–15'(0–5' OVERLAP 10'–15'), (5'–10' OVERBURDEN < 70% SAND)

PROPOSAL A
CONSECUTIVE CONSTRUCTION

ITEM No.	DESCRIPTION	UNIT	EAST ISLAND QUANTITY	TRINITY ISLAND QUANTITY
1	MOBILIZATION	LUMP	LUMP	LUMP
2	HYDRAULIC DREDGING	CU. YDS.	3,585,000	4,850,000
3	LAND CONTAINMENT	LIN. FT.	16,600	45,000
4	WATER CONTAINMENT	LIN. FT.	16,600	11,000
5	TREATED TIMBER CONSTRUCTION	LUMP	LUMP	LUMP
6	BUCKET DREDGING	CU. YDS.	18,000	36,000
7	SNOW FENCE	LIN. FT.	17,500	22,500
8	GRADING AND SHAPING	STATION	156	220
9	REMOVAL OF STURCTURES & OBSTRUCTIONS	LUMP	LUMP	LUMP
ALT. #1	TURBIDITY SCREEN	LUMP	LUMP	LUMP
ALT. #2	EROSION PROTECTION ALTERNATIVE #1	LIN. FT.	16,600	7,000

PROPOSAL B
CONCURRENT CONSTRUCTION

ITEM No.	DESCRIPTION	UNIT	EAST ISLAND QUANTITY	TRINITY ISLAND QUANTITY
1	MOBILIZATION	LUMP	LUMP	LUMP
2	HYDRAULIC DREDGING	CU. YDS.	3,585,000	4,850,000
3	LAND CONTAINMENT	LIN. FT.	16,600	45,000
4	WATER CONTAINMENT	LIN. FT.	16,600	11,000
5	TREATED TIMBER CONSTRUCTION	LUMP	LUMP	LUMP
6	BUCKET DREDGING	CU. YDS.	18,000	36,000
7	SNOW FENCE	LIN. FT.	17,500	22,500
8	GRADING AND SHAPING	STATION	156	220
9	REMOVAL OF STURCTURES & OBSTRUCTIONS	LUMP	LUMP	LUMP
ALT. #1	TURBIDITY SCREEN	LUMP	LUMP	LUMP
ALT. #2	EROSION PROTECTION ALTERNATIVE #1	LIN. FT.	16,600	7,000

GENERAL NOTES

1) THE RECOMMENDED BORROW AREAS ARE CROSS-HATCHED ON SHEETS 14 – 21 OF THE DRAWING. THE LOCATION OF VIBRACORES TAKEN IN 1987 ARE SHOWN ON THESE SHEETS. RECENT SAND VERIFICATION CORES TAKEN 1994 ARE ALSO SHOWN ON SHEET 13 – 20. LOGS OF THESE VIBRACORES AND SAND VERIFICATION CORES ARE AVAILABLE UPON REQUEST. BASED ON THE INFORMATION GIVEN IN THESE DRAWINGS THE CONTRACTOR SHALL DEVELOP A DREDGING PLAN TO BE APPROVED BY THE ENGINEER. IN NO CASE HOWEVER SHALL THE CONTRACTOR DREDGE BELOW 20 FEET BELOW THE EXISTING BOTTOM. WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE ENGINEER OR DNR.

2) THE CONTRACTOR SHALL BE RESPONSIBLE FOR NAVIGATING WITHIN THE LIMITS OF THE DREDGE PLAN AREA. THE ENGINEERS PROJECT REPRESENTATIVE SHALL MONITOR THE LOCATION DURING CONSTRUCTION.

3) THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING PIPELINE OPERATORS 48 HOURS IN ADVANCE OF THE WORK. ALL PIPELINES SHALL BE MARKED INITIALLY WITH BUOYS BY THE ENGINEER. THE CONTRACTOR SHALL MAINTAIN BUOYS DURING CONSTRUCTION OR HAVE ADEQUATE NAVIGATIONAL EQUIPMENT ON THE DREDGE TO AVOID DREDGING IN RESTRICTED AREAS. THE FOLLOWING IS A LIST OF PIPELINE OPERATORS KNOWN TO HAVE PIPELINES IN THE VICINITY. THE CONTRACTOR SHALL USE DOTTIE TO DETERMINE WHETHER THERE ARE OTHERS. DO NOT DREDGE WITHIN 100' OF A PIPELINE.

OPERATOR	SIZE	PHONE	CONTACT PERSON	ADDRESS
TENNESSEE GAS PIPELINE	26"	(504)879-3516	H.S. MILLS	224 AVIATION RD.
TENNESSEE GAS PIPELINE	36"	(504)879-3516	H.S. MILLS	224 AVIATION RD.
TEXAS GAS TRANSMISSION	8"& 2"	(504)631-0186	RAYMOND BREAUX	BOX 299 AMELIA, LA.

4) OYSTER LEASES ARE IN THE VICINITY OF THE WORK. THE CONTRACTOR SHALL NOT DREDGE OR DISTURB BOTTOM WITHIN THE LIMIT OF OYSTER LEASES SHOWN ON THE DRAWING AND NOT DIRECTLY AFFECTED BY THE WORK. PERMISSION TO FILL LEASES THAT ARE LOCATED WITHIN THE PROJECT FOOTPRINT HAS BEEN OBTAINED. LEASES ARE LISTED BELOW.

LEASE NO.	LESEE	PHONE	CONTACT PERSON	STATUS
L-24467	M.P.MARIE	–	M.P.MARIE	EXPIRED
L-27248	WILLARD THIBODEAUX	(504)594-5615	WILLARD THIBODEAUX	ACTIVE
L-27199	TIDELAND SEAFOOD	(504)563-4516	–	ACTIVE
L-27202	TIDELAND SEAFOOD	(504)563-4516	–	ACTIVE
L-27203	TIDELAND SEAFOOD	(504)563-4516	–	ACTIVE

5) SAND SOURCE INFORMATION TAKEN FROM A 1987 SURVEY DONE BY OCEAN SURVEYS, INC. FURNISHED BY LOUISIANA DEPARTMENT OF NATURAL RESOURCES.

6) VOLUMES SHOWN ARE FOR BIDDING PURPOSES ONLY AND WERE CALCULATED ACCORDING TO CONDITIONS SURVEYED IN MAY 1997. BEFORE AND AFTER DREDGING, CROSS-SECTIONS WILL BE SURVEYED BY THE CONTRACTOR FOR MEASUREMENT AND PAYMENT PURPOSES. ALL SURVEY WORK PERFORMED BY CONTRACTOR FOR MEASUREMENT AND PAYMENT WILL BE MONITORED BY THE ENGINEER. THE ENGINEER SHALL REVIEW ALL BEFORE AND AFTER SURVEY CROSS-SECTIONS AND MEASUREMENTS AND PAYMENT CALCULATIONS. IF A DISCREPANCY CANNOT BE RESOLVED THE ENGINEER SHALL PERFORM A CROSS-SECTION SURVEY TO VERIFY THE CONTRACTORS WORK.

DRAWING IS ONE-HALF ORIGINAL SCALE

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 19940
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
9/8/97

DATE	DESCRIPTION	BY
	REVISIONS	

SUMMARY OF ESTIMATED QUANTITIES, CIVIL LEGEND, AND GENERAL NOTES

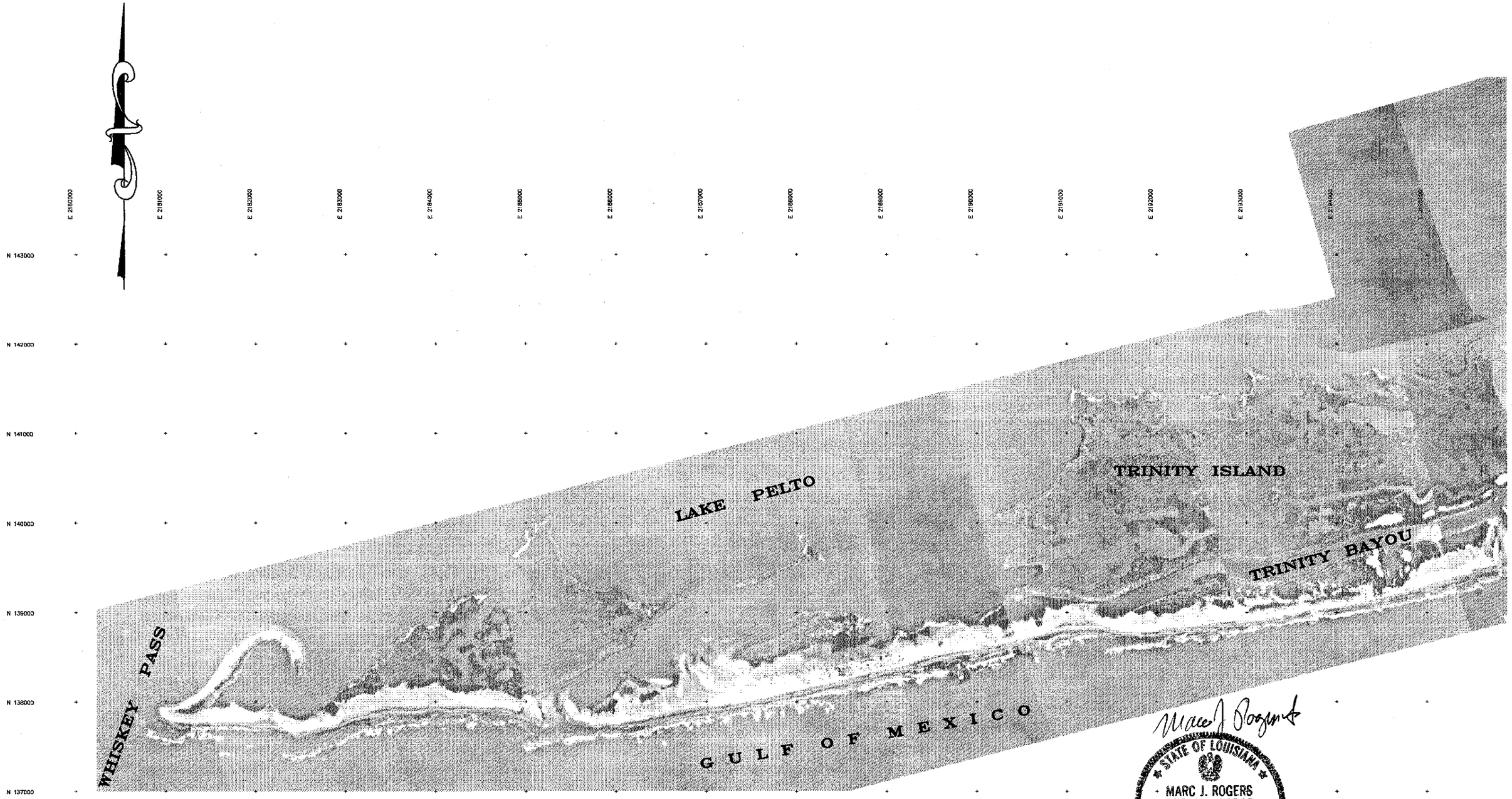
STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND – PHASE 1 & EAST ISLAND PHASE 0

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2286 HOUMA, LOUISIANA 70361

DRAWN	KAP	DRAWING QUANTITY	DATE	AUGUST, 1997
CHECKED	MJR	JOB. No. 578-96	SCALE	1 = 1

FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	3



DRAWING IS ONE-HALF ORIGINAL SCALE

SCALE IN FEET
500 250 0 500 1000 1500

AERIAL PHOTOGRAPHY FLOWN BY GULF
AERIAL & MAPPING; DATE: JULY, 1997

DATE	DESCRIPTION	BY
	REVISIONS	

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
9/18/97
CIVIL ENGINEERING

TRINITY ISLAND TOPOGRAPHIC AERIAL

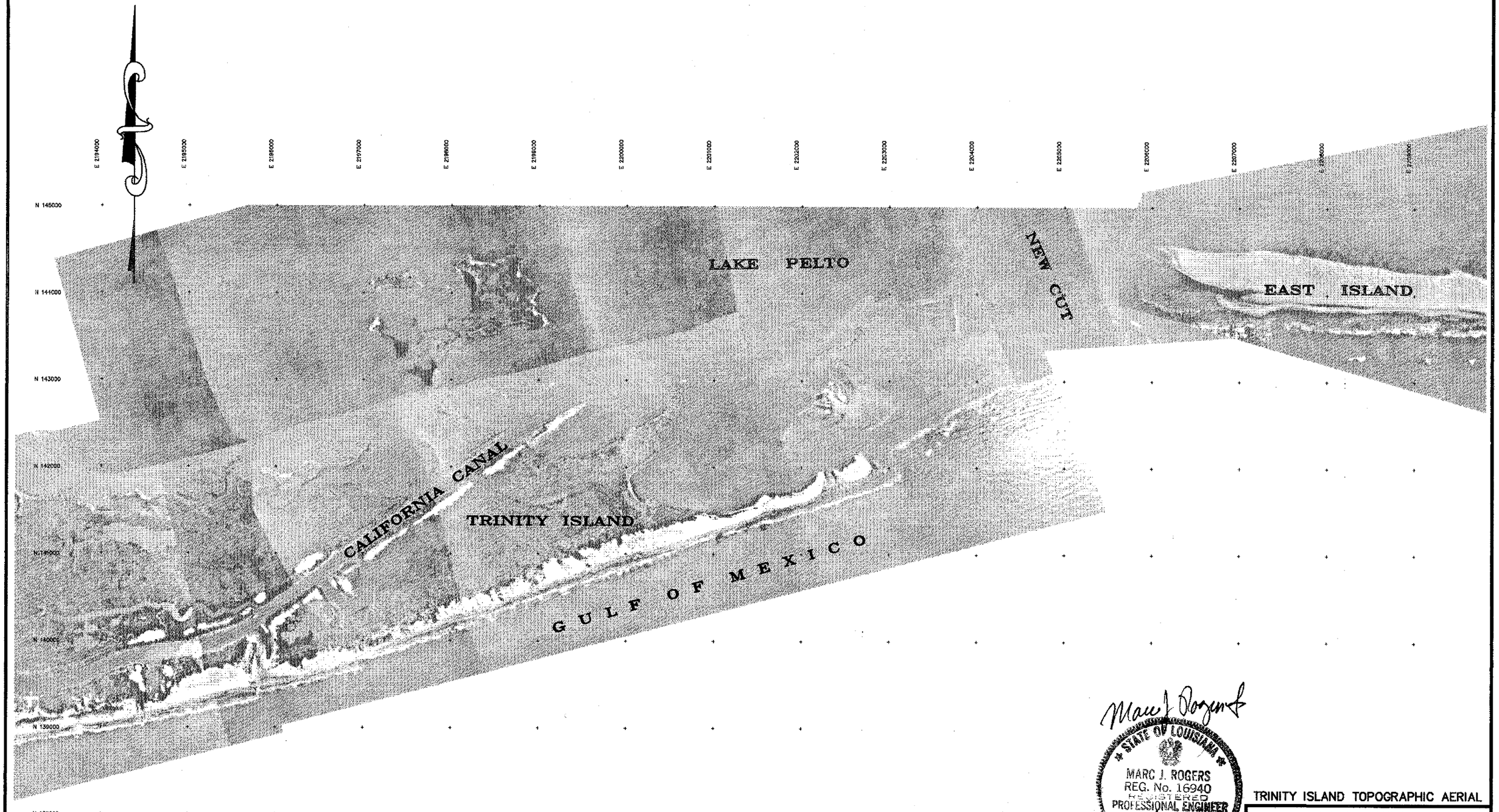
STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
EAST ISLAND – PHASE 0 & TRINITY ISLAND – PHASE 1

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS – SURVEYORS – ENVIRONMENTAL SERVICES
P.O. BOX 2585 HOUMA, LOUISIANA 70361

DRAWN	DFB	DRAWING	TRIN-1	DATE	AUGUST, 1997
CHECKED	MJR	JOB No.	578-96	SCALE	1 = 500

FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	4



DRAWING IS ONE-HALF ORIGINAL SCALE

SCALE IN FEET
500 250 0 500 1000 1500

Marc J. Rogers

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
9/8/97

AERIAL PHOTOGRAPHY FLOWN BY GULF COAST
AERIAL & MAPPING; DATE: JULY, 1997

DATE	DESCRIPTION	BY
	REVISIONS	

TRINITY ISLAND TOPOGRAPHIC AERIAL

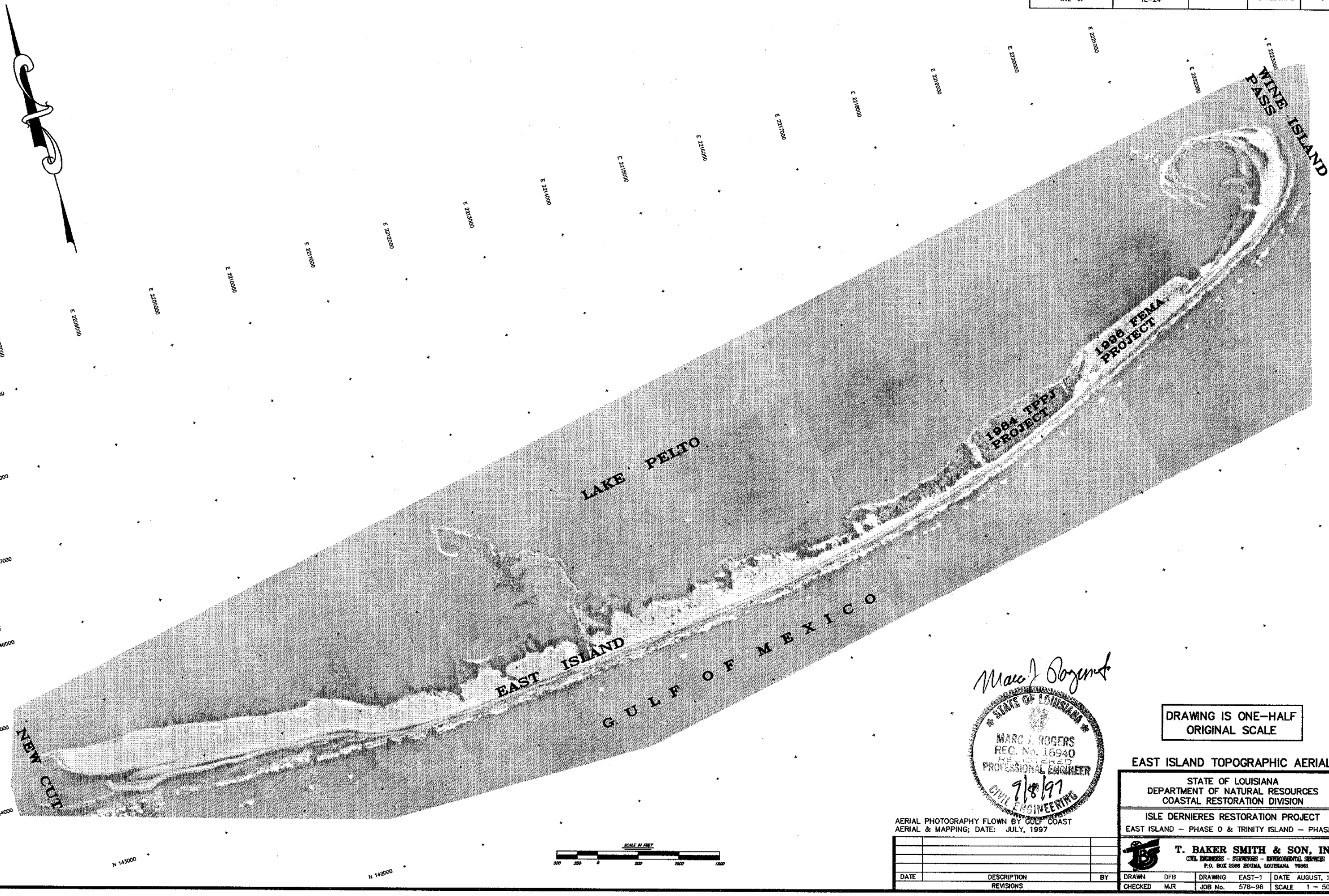
STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
EAST ISLAND – PHASE 0 & TRINITY ISLAND – PHASE 1

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2296 HOUMA, LOUISIANA 70361

DRAWN	DFB	DRAWING	TRIN-2	DATE	AUGUST, 1997
CHECKED	MJR	JOB No.	578-96	SCALE	1 = 500

FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	5



AERIAL PHOTOGRAPHY FLOWN BY GULF COAST AERIAL & MAPPING; DATE: JULY, 1997

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
9/8/97

DRAWING IS ONE-HALF ORIGINAL SCALE

EAST ISLAND TOPOGRAPHIC AERIAL

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

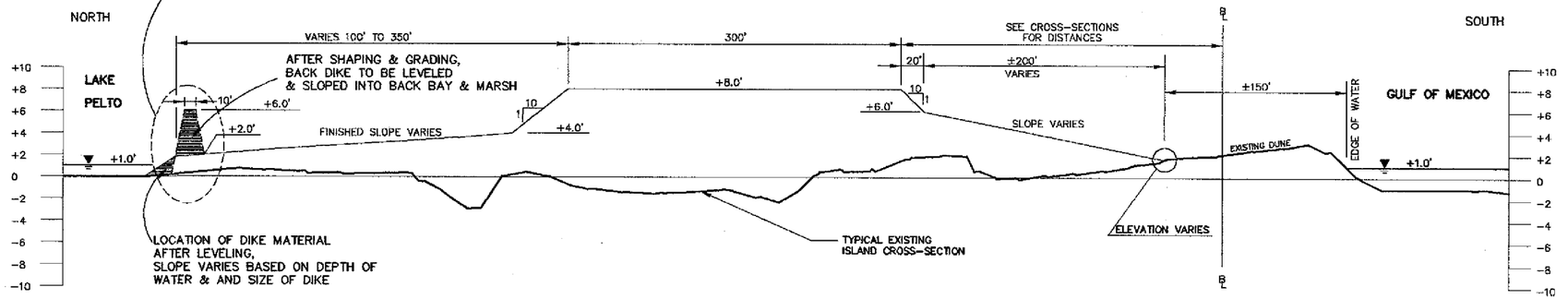
ISLE DERNIERES RESTORATION PROJECT
EAST ISLAND – PHASE 0 & TRINITY ISLAND – PHASE 1

DATE	DESCRIPTION REVISIONS	BY

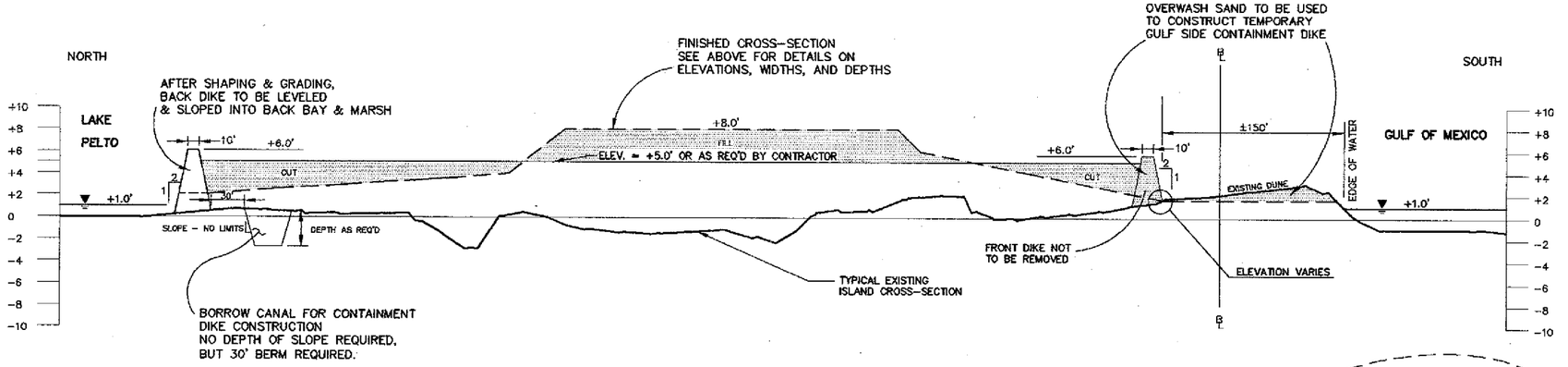
T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2268 HOUMA, LOUISIANA 70361

DRAWN	DFB	DRAWING	EAST-1	DATE	AUGUST, 1997
CHECKED	MJR	JOB No.	578-96	SCALE	1 = 500

FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	6



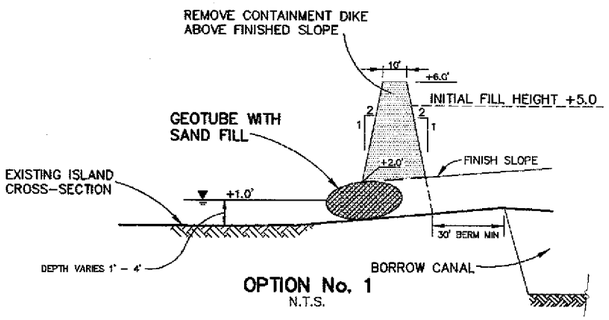
DESIGN CROSS SECTION TEMPLATE AFTER GRADING AND SHAPING



CONSTRUCTION CROSS SECTION TEMPLATE

SCALE: HORIZ. 1" = 60'
VERT. 1" = 6'

OPTIONS FOR ALTERNATIVE No. 2



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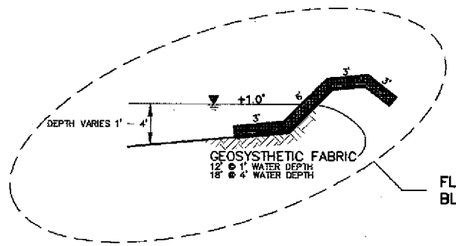

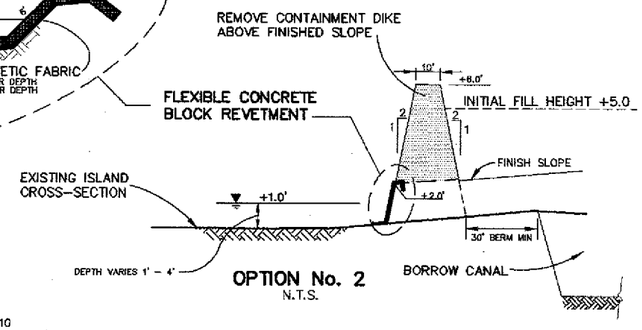

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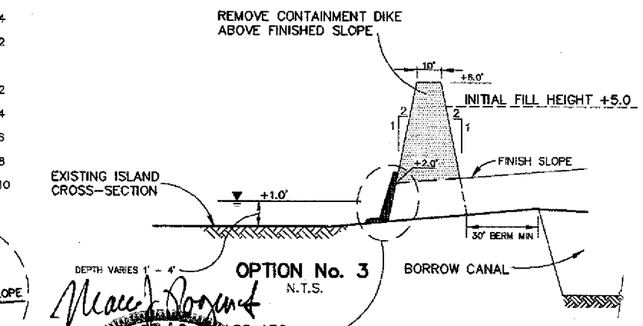

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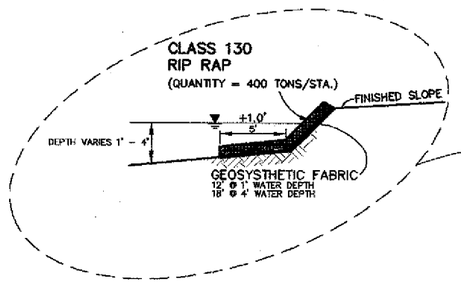


CLASS 130 RIP RAP

STATE OF LOUISIANA
MARC J. ROGERS
REG. NO. 25540
REGISTERED
PROFESSIONAL ENGINEER
9/8/97
CIVIL ENGINEERING

DRAWING IS ONE-HALF ORIGINAL SCALE

TYPICAL CROSS-SECTION & EROSION PROTECTION DETAILS

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

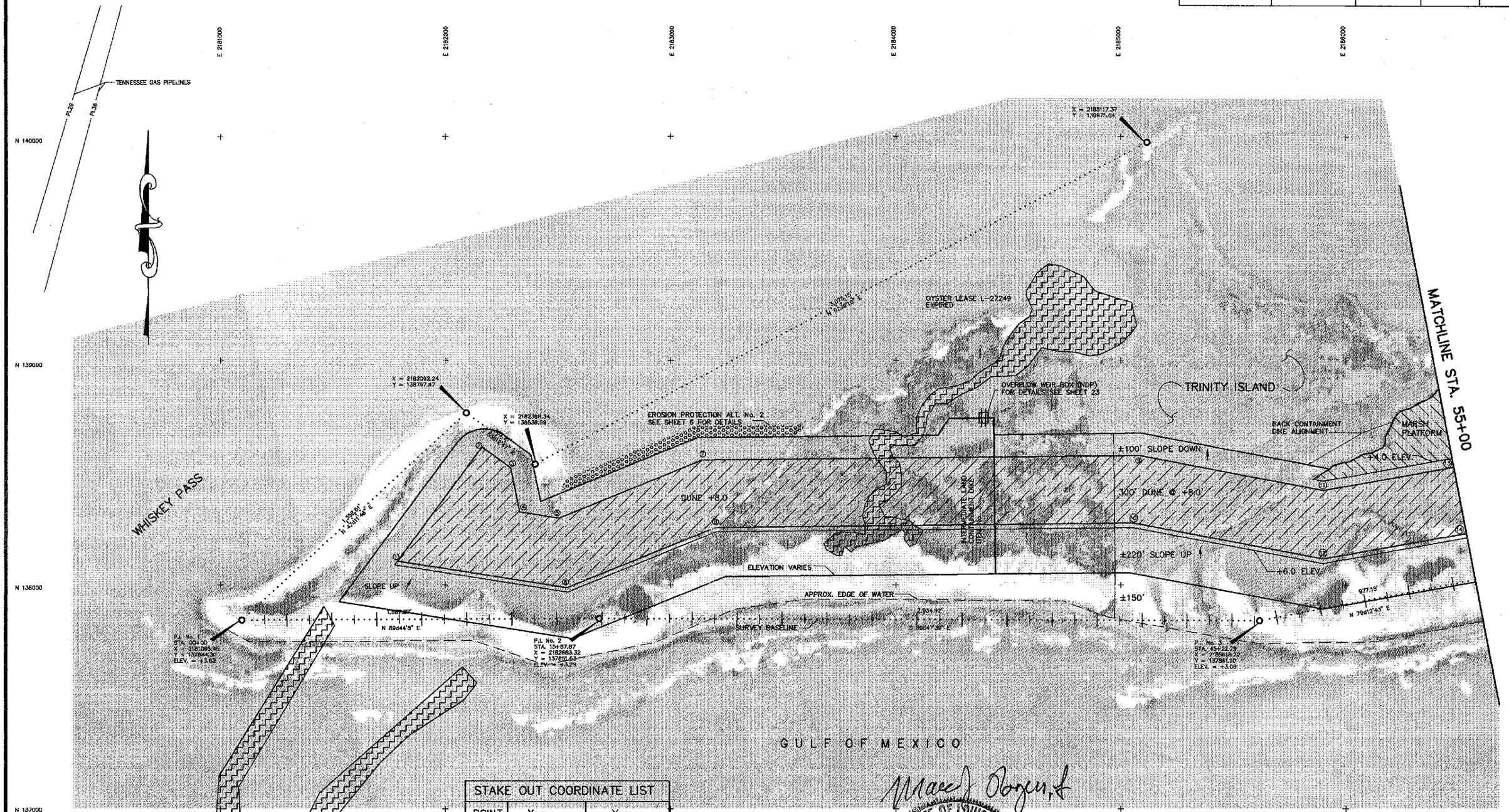
ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND - PHASE 1 & EAST ISLAND PHASE 0

DATE	DESCRIPTION REVISIONS	BY

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2595 HOUMA, LOUISIANA 70361

DRAWN	KAP	DRAWING	TYPSEC	DATE	AUGUST, 1997
CHECKED	MJR	JOB No.	578-96	SCALE	1 = 60

FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	7



STAKE OUT COORDINATE LIST

POINT	X =	Y =
1	2181787.3441	138108.2289
2	2182162.0984	138614.4870
3	2182289.0184	138522.2747
4	2182329.5454	138326.5922
5	2182504.0584	138299.1282
6	2182539.7152	137989.8244
7	2183140.1540	138557.3648
8	2183200.1794	138257.9539
9	2185083.9969	138576.9353
10	2185057.3016	138276.6513
11	2185902.5973	138421.7063
12	2185900.8702	138116.6876
13	2186482.7009	138524.9186
14	2186538.8584	138230.1988

SCALE IN FEET
200 100 0 200 400 600

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
9/8/97

DRAWING IS ONE-HALF ORIGINAL SCALE

AERIAL PHOTOGRAPHY JULY, 1997

DATE	DESCRIPTION	BY
	REVISIONS	

TRINITY ISLAND
PROJECT LAYOUT AERIAL

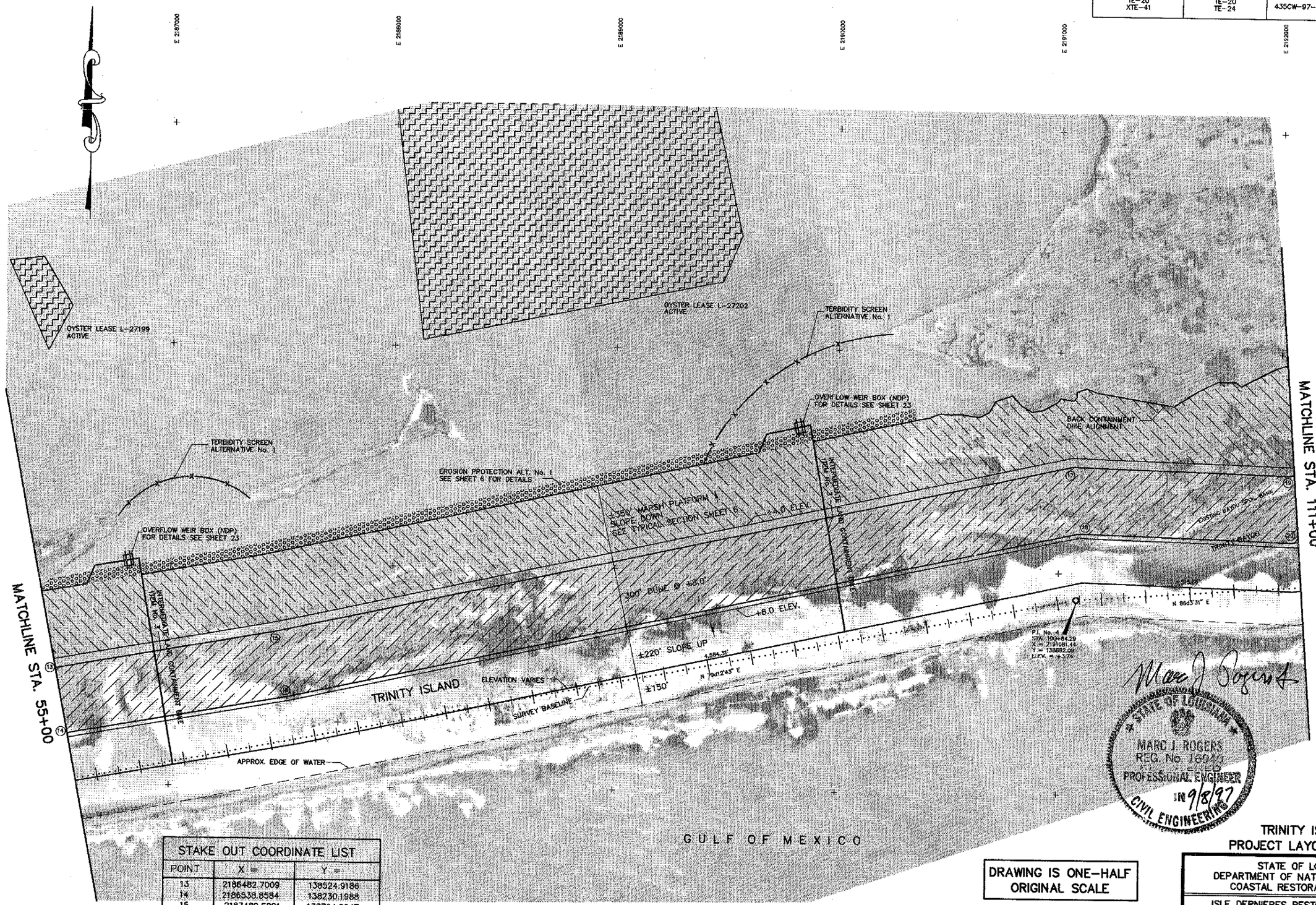
STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND – PHASE 1 & EAST ISLAND – PHASE 0

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2595 HOUMA, LOUISIANA 70361

DRAWN	DFB	DRAWING	AERIAL-1	DATE	AUGUST, 1997
CHECKED	MJR	JOB No.	578-98	SCALE	1 = 200

FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	8



STAKE OUT COORDINATE LIST		
POINT	X =	Y =
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14	2186538.8584	138230.1988
15	2187489.5891	138704.0647
16	2187547.8889	138409.7261
17	2191060.9303	139483.9628
18	2191088.7083	139182.9585
19	2192059.9661	139456.3715
20	2192080.6045	139156.8144

SCALE IN FEET
300 100 0 200 400 600

DRAWING IS ONE-HALF ORIGINAL SCALE

AERIAL PHOTOGRAPHY JULY, 1997

DATE	DESCRIPTION REVISIONS	BY

Marc J. Rogers
STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16941
REGISTERED
PROFESSIONAL ENGINEER
IN
9/8/97
CIVIL ENGINEERING

TRINITY ISLAND
PROJECT LAYOUT AERIAL

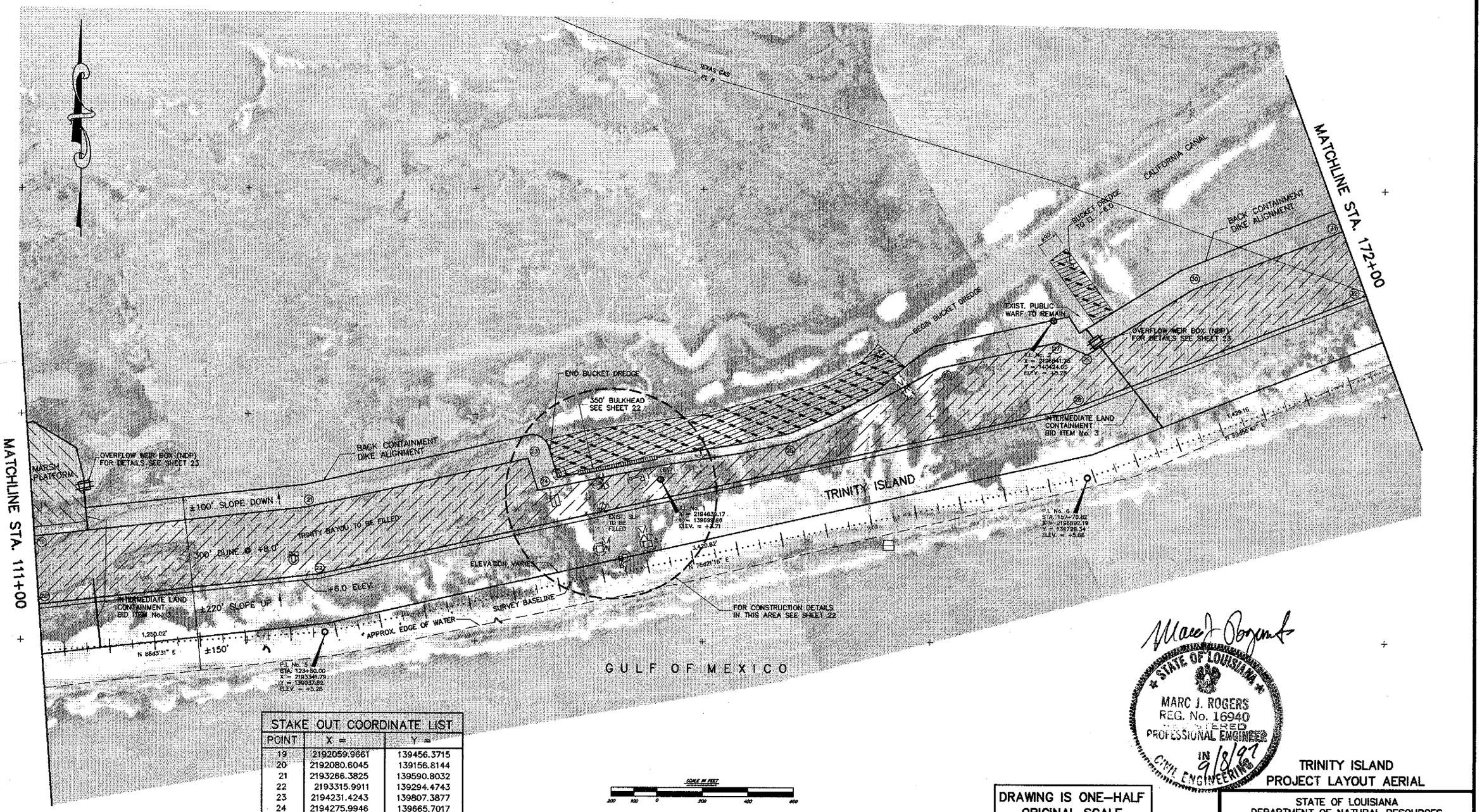
STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND – PHASE 1 & EAST ISLAND – PHASE 0

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2266 HOUMA, LOUISIANA 70361

DRAWN	DFB	DRAWING	AERIAL-2	DATE	AUGUST, 1997
CHECKED	MJR	JOB No.	578-96	SCALE	1 = 200

FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	9



STAKE OUT COORDINATE LIST		
POINT	X =	Y =
19	2192059.9661	139456.3715
20	2192080.6045	139156.8144
21	2193266.3825	139590.8032
22	2193315.9911	139294.4743
23	2194231.4243	139807.3877
24	2194275.9946	139665.7017
25	2195396.9053	139884.1220
26	2196037.1278	140212.8420
27	2196558.8845	140329.7399
28	2196647.3003	140042.1206
29	2196689.8896	140274.0780
30	2197157.7226	140565.9444
31	2197813.4253	140824.5785
32	2197916.3293	140542.6738

DRAWING IS ONE-HALF ORIGINAL SCALE

AERIAL PHOTOGRAPHY JULY, 1997

DATE	DESCRIPTION REVISIONS	BY

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
9/8/97

TRINITY ISLAND PROJECT LAYOUT AERIAL

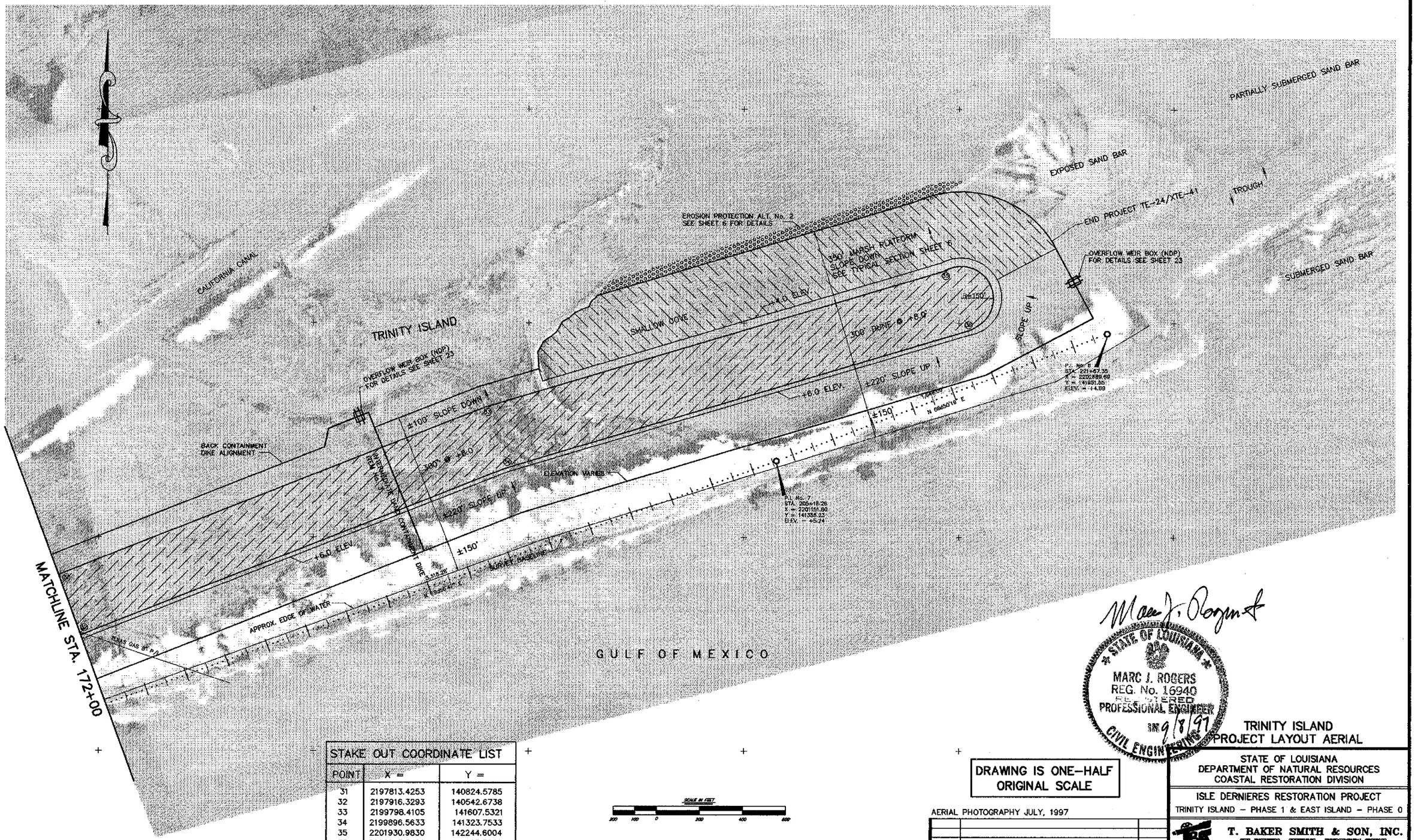
STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND – PHASE 1 & EAST ISLAND – PHASE 0

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2260 HOUMA, LOUISIANA 70361

DRAWN	DFB	DRAWING	AERIAL-3	DATE	AUGUST, 1997
CHECKED	MJR	JOB No.	578-96	SCALE	1 = 200

FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	10



STAKE OUT COORDINATE LIST		
POINT	X =	Y =
31	2197813.4253	140824.5785
32	2197916.3293	140542.6738
33	2199798.4105	141607.5321
34	2199896.5633	141323.7533
35	2201930.9830	142244.6004
36	2202045.5429	141965.7230

SCALE IN FEET
200 100 0 200 400 600

DRAWING IS ONE-HALF ORIGINAL SCALE

AERIAL PHOTOGRAPHY JULY, 1997

DATE	DESCRIPTION	BY
	REVISIONS	

Marc J. Rogers

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
ON 9/8/97

TRINITY ISLAND
PROJECT LAYOUT AERIAL

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND – PHASE 1 & EAST ISLAND – PHASE 0

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2268 HOUMA, LOUISIANA 70361

DRAWN	DFB	DRAWING	AERIAL-4	DATE	AUGUST, 1997
CHECKED	MJR	JOB No.	578-96	SCALE	1 = 200

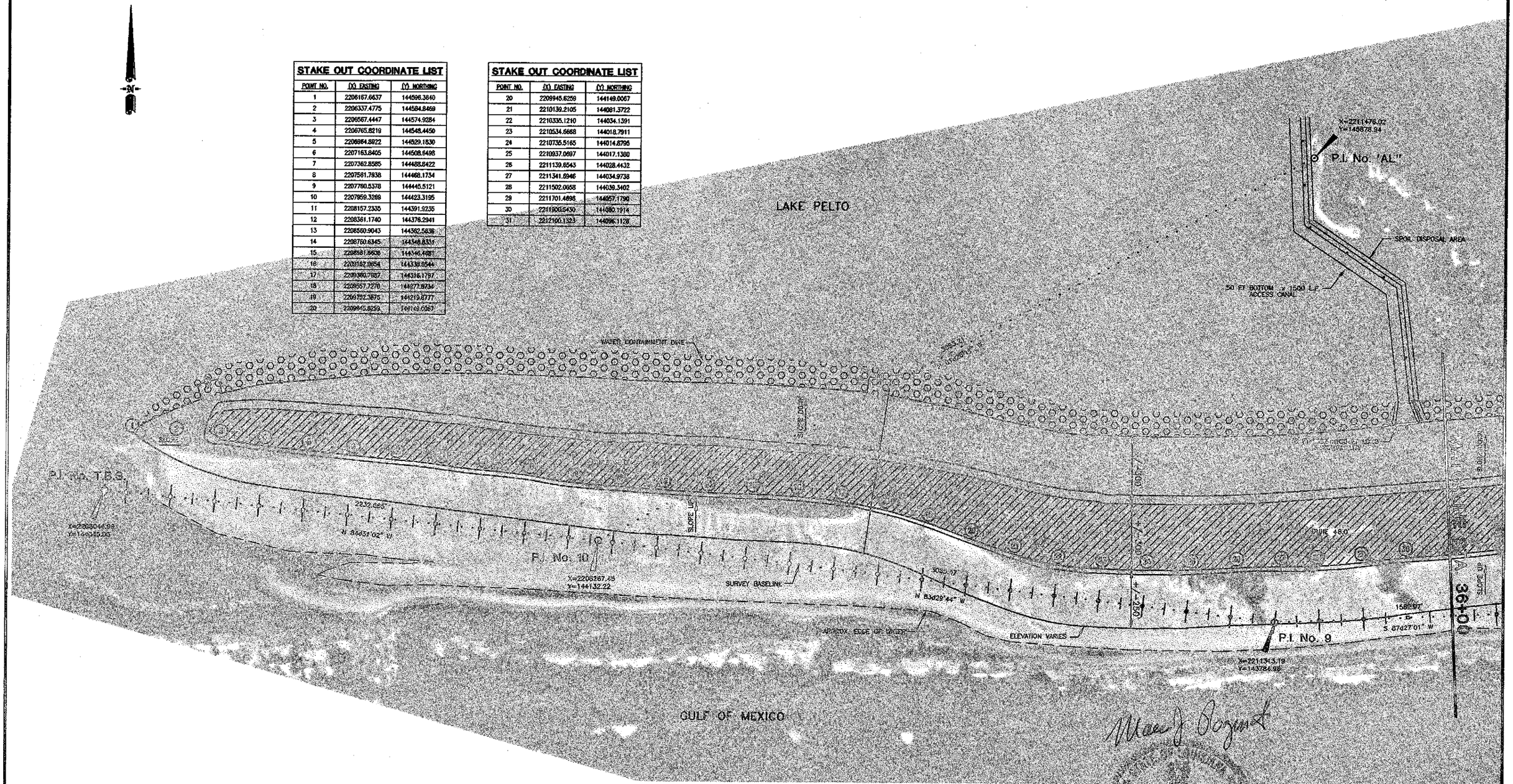
FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	11

STAKE OUT COORDINATE LIST

POINT NO.	(X) EASTING	(Y) NORTHING
1	2206167.6637	144596.3640
2	2206337.4775	144584.8469
3	2206567.4447	144574.9284
4	2206765.8219	144548.4450
5	2206964.8922	144529.1830
6	2207163.8405	144508.6498
7	2207362.8585	144488.8422
8	2207561.7938	144468.1734
9	2207760.5378	144445.5121
10	2207959.3269	144423.3195
11	2208157.2335	144391.9235
12	2208361.1740	144376.2941
13	2208560.9043	144362.5836
14	2208760.6345	144348.8331
15	2208961.6608	144346.4681
16	2209162.0654	144339.6544
17	2209360.7987	144316.1797
18	2209557.7270	144277.8734
19	2209752.3675	144219.8777
20	2209945.6259	144149.0067

STAKE OUT COORDINATE LIST

POINT NO.	(X) EASTING	(Y) NORTHING
20	2209945.6259	144149.0067
21	2210139.2105	144081.3722
22	2210335.1210	144034.1391
23	2210534.6668	144018.7911
24	2210735.5165	144014.8795
25	2210937.0697	144017.1380
26	2211139.6543	144028.4432
27	2211341.6946	144034.9738
28	2211502.0658	144039.3402
29	2211701.4698	144057.1790
30	2211900.6430	144080.1914
31	2212100.1323	144096.1128



SCALE IN FEET

200 100 0 200 400 600

MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
9/8/97

Prepared By:
COASTAL ENGINEERING AND ENVIRONMENTAL CONSULTANTS, INC.
Engineering – Surveying – Planners – Environmental Consulting

DRAWN: D.J.P.	DRAWING: 1136-11	DATE: SEPT. 4, 1997
CHECKED: O.F.P.	SCALE: 1"=400'	JOB No.: 1136

DATE	DESCRIPTION	BY
	REVISIONS	

PROJECT LAYOUT AERIAL

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
EAST ISLAND – PHASE 0

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS – SURVEYORS – ENVIRONMENTAL RESEARCH
P.O. BOX 2296 HOUMA, LOUISIANA 70361

DRAWN:	DRAWING:	DATE:
CHECKED: M.J.R.	SCALE:	JOB No.:

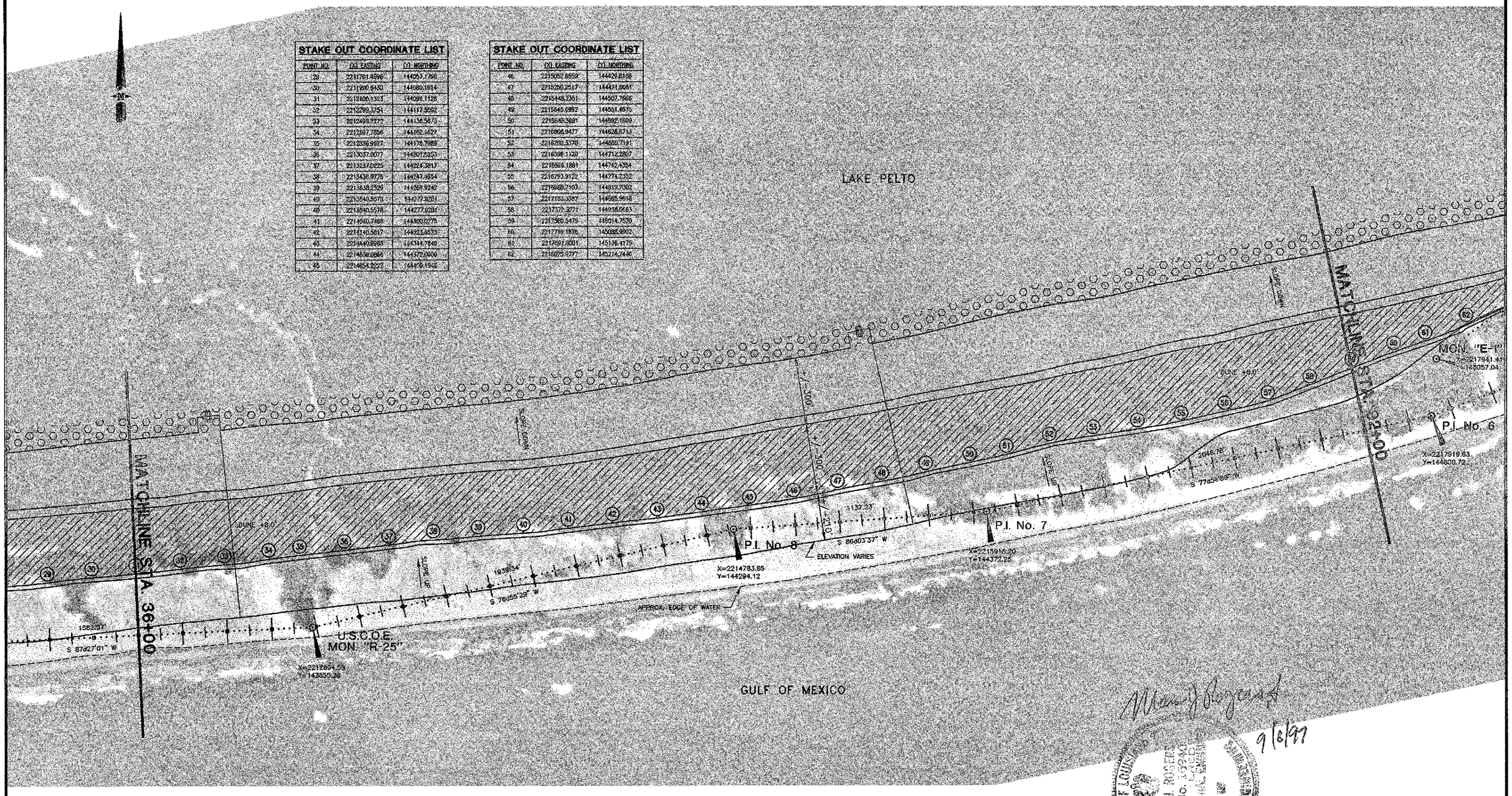
FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	12

STAKE OUT COORDINATE LIST

POINT NO.	(X) EASTING	(Y) NORTHING
29	2211701.4596	144057.1790
30	2211900.6430	144080.1914
31	2212100.1323	144096.1126
32	2212299.3754	144117.5592
33	2212499.7272	144136.5673
34	2212697.7856	144162.1627
35	2212836.9627	144178.7989
36	2213037.0077	144201.5253
37	2213237.0225	144224.3817
38	2213436.9775	144247.4954
39	2213638.2529	144264.9242
40	2213840.5578	144277.9201
40	2213840.5578	144277.9201
41	2214040.7488	144300.0275
42	2214240.5817	144323.6573
43	2214440.8983	144344.7849
44	2214639.9866	144372.0800
45	2214654.2222	144410.1945

STAKE OUT COORDINATE LIST

POINT NO.	(X) EASTING	(Y) NORTHING
46	2215052.6959	144429.8166
47	2215250.2517	144471.6051
48	2215448.2351	144507.7666
49	2215645.6992	144551.4675
50	2215645.3691	144592.1609
51	2216066.9477	144628.6713
52	2216200.3370	144680.7191
53	2216398.1120	144712.2807
54	2216596.1881	144742.4354
55	2216793.9122	144774.2352
56	2216988.7107	144819.7002
57	2217183.3357	144865.9618
58	2217372.3271	144938.5663
59	2217560.5479	145014.7570
60	2217749.1878	145088.9902
61	2217691.8001	145136.4175
62	2218075.9777	145214.7446



9/8/97

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
PROFESSIONAL ENGINEER
CIVIL ENGINEERING

SCALE IN FEET
200 100 0 200 400 600

Prepared By:
COASTAL ENGINEERING AND ENVIRONMENTAL CONSULTANTS, INC.
Engineering – Surveying – Planners – Environmental Consulting

DRAWN: D.J.P.	DRAWING: 1136-12	DATE: SEPT. 4, 1997
CHECKED: O.F.P.	SCALE: 1"=200'	JOB No.: 1136

DATE	DESCRIPTION	BY
	REVISIONS	

PROJECT LAYOUT AERIAL

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
EAST ISLAND – PHASE 0

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS – SURVEYORS – ENVIRONMENTAL RESEARCH
P.O. BOX 2266 HOUMA, LOUISIANA 70361

DRAWN:	DRAWING:	DATE:
CHECKED: M.J.R.	SCALE:	JOB No.:

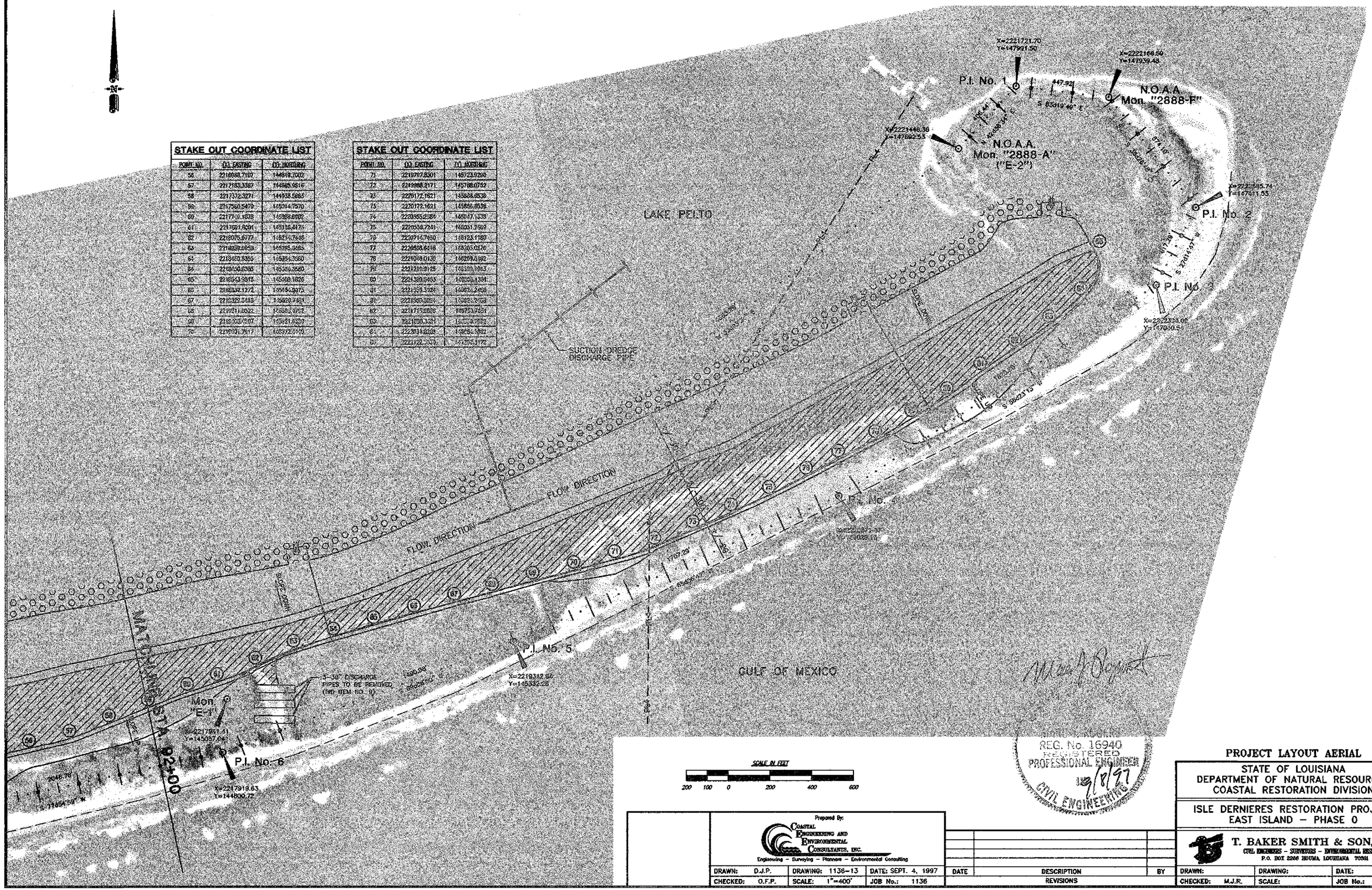
FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	13

STAKE OUT COORDINATE LIST

POINT NO.	(X) EASTING	(Y) NORTHING
56	2216988.7107	144819.7002
57	2217183.3387	144865.9816
58	2217372.3271	144938.5883
59	2217560.5479	145014.7570
60	2217749.1078	145089.8002
61	2217681.8091	145136.4175
62	2216075.9777	145214.7446
63	2216039.0859	145295.3485
64	2218460.8355	145384.3560
65	2218100.6305	145380.3560
66	2218043.3813	145400.1826
67	2218392.1272	145419.0975
68	2218231.3522	145620.9461
69	2218203.5318	145663.0752
70	2218003.3017	145672.2170

STAKE OUT COORDINATE LIST

POINT NO.	(X) EASTING	(Y) NORTHING
71	2219767.8301	145723.9290
72	2219888.2171	145786.0762
73	2220172.1621	145808.8538
74	2220172.1621	145856.8538
75	2220355.2369	146047.1339
76	2220558.7741	146051.2569
77	2220714.7450	146123.1180
78	2220658.6418	146203.0276
79	2221010.0139	146209.5192
80	2221215.9125	146199.1943
81	2221309.0653	146256.1331
82	2221359.1028	146051.2428
83	2221560.5026	145822.7028
84	2221717.0829	145733.7031
85	2221830.3321	145704.9582
86	2222013.6035	145784.1952
87	2222122.2033	145705.3772



SCALE IN FEET

200 100 0 200 400 600

REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
9/8/97
CIVIL ENGINEERING

Prepared By:
COASTAL ENGINEERING AND ENVIRONMENTAL CONSULTANTS, INC.
Engineering – Surveying – Planners – Environmental Consulting

DRAWN: D.J.P.	DRAWING: 1136-13	DATE: SEPT. 4, 1997
CHECKED: O.F.P.	SCALE: 1"=400'	JOB No.: 1136

DATE	DESCRIPTION	BY
	REVISIONS	

PROJECT LAYOUT AERIAL

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
EAST ISLAND – PHASE 0

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS – SURVEYORS – ENVIRONMENTAL RESEARCH
P.O. BOX 2266 HOUMA, LOUISIANA 70361

DRAWN:	DRAWING:	DATE:
CHECKED: M.J.R.	SCALE:	JOB No.:

FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	14

0-5 FEET SAND SOURCE F COORDINATES

	POINT	X	Y
F-1	1	2175001.03	140874.14
	2	2176415.93	141251.56
	3	2178505.03	139893.39
	4	2178892.15	140388.04
	5	2179136.84	141277.82
	6	2181048.63	142586.63
	7	2180592.03	141380.52
	8	2179984.93	139315.77
	9	2175005.39	139315.77
F-2	10	2181564.66	143068.14
	11	2181979.34	143278.00
	12	2182483.40	143297.79
	13	2183243.19	142815.52
	14	2183628.12	142848.29
	15	2184268.71	143389.54
	16	2185113.55	144641.68
	17	2185795.55	144434.39
	18	2184547.83	141365.75
	19	2181393.36	142648.36
F-3	20	2175020.75	144576.14
	21	2175682.53	144576.14
	22	2175493.95	143945.75
	23	2175293.97	143641.91
	24	2175020.75	143426.83
F-4	25	2176916.15	144583.46
	26	2178810.81	144591.42
	27	2178347.01	143246.92
	28	2177652.00	143177.95
	29	2177252.75	143527.72

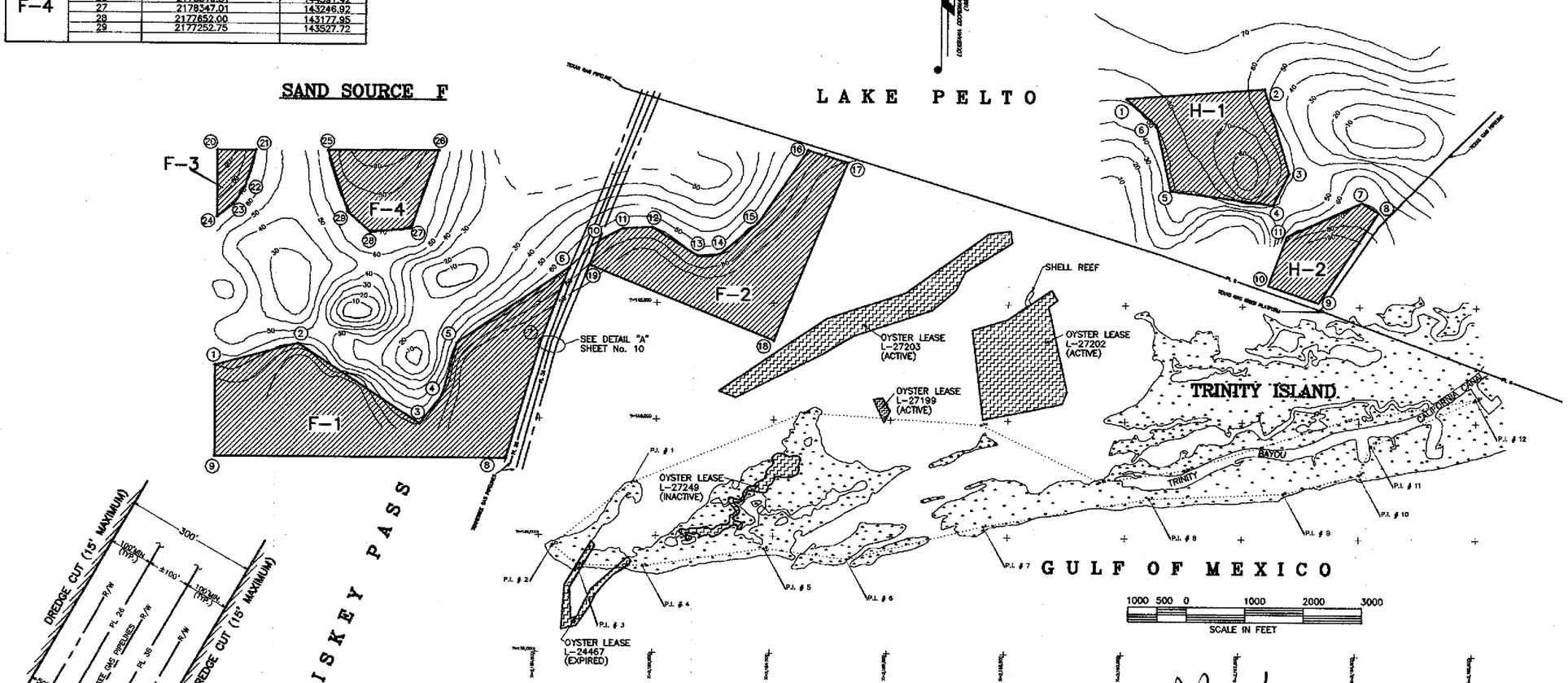
0-5 FEET SAND SOURCE H COORDINATES

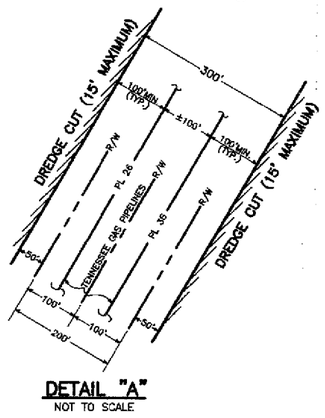
	POINT	X	Y
H-1	1	2190549.78	145562.57
	2	2192905.48	145745.58
	3	2193332.42	144297.88
	4	2193055.97	143753.60
	5	2191306.96	143987.73
	6	2191060.61	145105.44
H-2	7	2194584.71	143799.71
	8	2194855.87	143632.89
	9	2193845.16	142071.20
	10	2192986.82	142365.50
	11	2193298.65	143209.15

0-5 FEET SAND SOURCE	> 70% AREA (SQ. FT.)		> 70% VOLUME (CU. YDS.)	
	SAND SOURCE F	SAND SOURCE H	SAND SOURCE F	SAND SOURCE H
F-1	8,948,500.52		1,657,130	
F-2	5,406361.70		1,001,178	
F-3	500,546.09		92,694	
F-4	1,937,516.80		358,799	
H-1		3,735,701.20		691,797
H-2		1,606,324.30		297,467
TOTAL	16,792,925.11	5,342,025.50	3,109,801	989,264

NOTES:

1) SAND CONTOUR INFORMATION SHOWN ON THIS DRAWING PROVIDED BY LOUISIANA DEPARTMENT OF NATURAL RESOURCES.
2) CONTOURS SHOWN ARE PERCENTAGES OF SAND BY VOLUME.
3) LOCATION OF PIPELINES AND OYSTER LEASES TO BE STAKED BY ENGINEER PRIOR TO DREDGING. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING MARKERS AND ANY DAMAGE CAUSED THEREAFTER AS A RESULT OF HIS OR HIS SUBCONTRACTORS OPERATIONS.





DETAIL "A"
NOT TO SCALE

REFERENCE MAP PAGES 7 & 8 OF A SET OF PLANS ENTITLED "STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT OFFICE OF PUBLIC WORKS PLANS OF PROPOSED EAST ISLE DERNIERES RESTORATION S.P. No. 750-55-01 TERREBONNE PARISH" BY PLAISANCE/SMITH ENGINEERS, DATED 07/21/88

DRAWING IS ONE-HALF ORIGINAL SCALE

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 18940
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

9/8/97

DATE	DESCRIPTION	BY
	REVISIONS	

SAND SOURCE CONTOUR MAP (0'-5')

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND - PHASE 1 & EAST ISLAND PHASE 0

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2286 HOUMA, LOUISIANA 70361

DRAWN	KAP	DRAWING	SAND0-5
CHECKED	MJR	JOB No.	578-96
DATE	AUGUST, 1997		
SCALE	1 = 1000		

FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	15

5-10 FEET SAND SOURCE F COORDINATES

	POINT	X	Y
F-5	1	2175005.39	139315.77
	2	2175004.86	139504.06
	3	2175853.46	140457.60
	4	2176048.46	141153.54
	5	2176423.47	141246.66
	6	2176586.68	141140.55
	7	2176606.15	140819.49
	8	2177185.23	140533.50
	9	2177749.03	139315.77
F-6	10	2178813.10	139315.77
	11	2178903.41	139855.71
	12	2178892.15	140388.04
	13	2179139.22	141286.50
	14	2181048.63	142586.63
	15	2180593.86	141385.34
	16	2179984.93	139315.77
F-7	17	2181564.66	143068.14
	18	2181979.34	143278.00
	19	2182463.40	143297.79
	20	2182650.38	143188.22
	21	2183119.60	142362.91
	22	2183576.85	142455.28
	23	2183723.20	142928.62
	24	2184268.71	143389.54
	25	2184591.20	143867.17
	26	2185518.06	143754.58
	27	2184551.22	141374.08
	28	2181393.36	142648.36

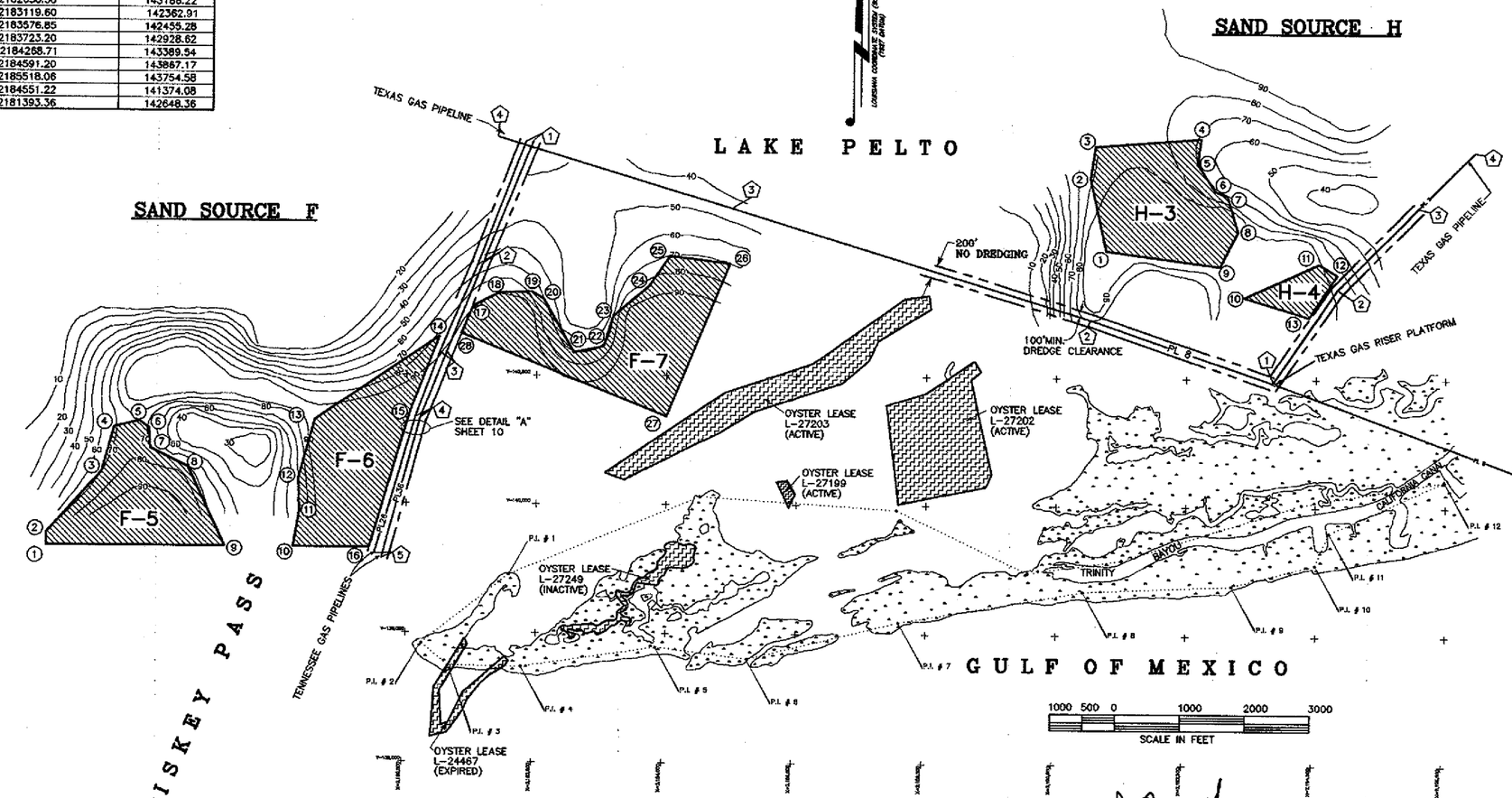
5-10 FEET SAND SOURCE H COORDINATES

	POINT	X	Y
H-3	1	2191306.96	143987.73
	2	2191060.61	145105.44
	3	2191135.90	145608.11
	4	2192757.80	145734.11
	5	2192704.94	145340.16
	6	2192981.24	144925.36
	7	2193171.11	144844.75
	8	2193332.42	144297.68
	9	2193055.97	143753.60
H-4	10	2193440.56	143274.32
	11	2194584.71	143799.71
	12	2194865.87	143632.89
	13	2194433.84	142971.88

5-10 FEET SAND SOURCE	> 70% AREA (SQ. FT.)		> 70% VOLUME (CU. YDS.)	
	SAND SOURCE F	SAND SOURCE H	SAND SOURCE F	SAND SOURCE H
F-5	3,031,612.16		561,410	
F-6	3,550,943.30		657,582	
F-7	4,396,335.87		814,136	
H-3		3,388,902.81		627,575
H-4		562,556.54		104,177
TOTAL	10,978,891.35	3,951,459.35	2,033,128	731,752

NOTES:

1) SAND CONTOUR INFORMATION SHOWN ON THIS DRAWING PROVIDED BY LOUISIANA DEPARTMENT OF NATURAL RESOURCES.
2) CONTOURS SHOWN ARE PERCENTAGES OF SAND BY VOLUME.
3) LOCATION OF PIPELINES AND OYSTER LEASES TO BE STAKED BY ENGINEER PRIOR TO DREDGING. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING MARKERS AND ANY DAMAGE CAUSED THEREAFTER AS A RESULT OF HIS OR HIS SUBCONTRACTORS OPERATIONS.



REFERENCE MAP PAGES 7 & 8 OF A SET OF PLANS ENTITLED "STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT OFFICE OF PUBLIC WORKS PLANS OF PROPOSED EAST ISLE DERNIERES RESTORATION S.P. No. 750-55-01 TERREBONNE PARISH" BY PLAISANCE/SMITH ENGINEERS, DATED 07/21/88

COORDINATES FOR GAS PIPELINES

POINT	X	Y
	36"TENNESSEE GAS PIPELINE	
1	2182482	145633
2	2181711	143737
3	2181168	142359
4	2180757	141327
5	2180173	139154
	26"TENNESSEE GAS PIPELINE	
1	2182366	145626
2	2181631	143714
3	2181061	142358
4	2180687	141349
5	2180061	139220
	8"TEXAS GAS PIPELINE	
1	2193873	141956
2	2191076	142912
3	2185549	144615
4	2181939	145702
	2"TEXAS GAS PIPELINE	
1	2193951	142049
2	2194874	143406
3	2196120	144678
4	2196990	145547

DRAWING IS ONE-HALF ORIGINAL SCALE

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 19940
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
9/8/97

DATE	DESCRIPTION REVISIONS	BY

SAND SOURCE CONTOUR MAP (5'-10')

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND - PHASE 1 & EAST ISLAND PHASE 0

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2268 HOUMA, LOUISIANA 70361

DRAWN	KAP	DRAWING	SAND5-10
CHECKED	NJR	JOB No.	578-96
DATE	AUGUST, 1997		
SCALE	1 = 1000		

FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	16

10-15 FEET SAND SOURCE F COORDINATES

	POINT	X	Y
F-8	1	2175005.39	139315.77
	2	2175004.86	139504.06
	3	2175290.39	139824.90
	4	2175960.23	140146.85
	5	2176345.40	140487.35
	6	2176958.64	140645.41
	7	2177185.23	140533.50
	8	2177749.03	139315.77
F-9	9	2178813.10	139315.77
	10	2178903.41	139855.71
	11	2178892.15	140388.04
	12	2179139.22	141286.50
	13	2181048.63	142586.63
	14	2180591.06	141377.21
	15	2179884.93	139315.77
F-10	16	2181564.66	143068.14
	17	2181979.34	143278.00
	18	2182463.40	143297.79
	19	2182650.38	143188.22
	20	2183119.60	142362.91
	21	2183578.85	142455.28
	22	2183723.20	142928.62
	23	2184268.71	143389.54
	24	2184591.20	143867.17
	25	2185518.06	143754.58
	26	2184551.22	141374.08
	27	2181393.36	142648.36

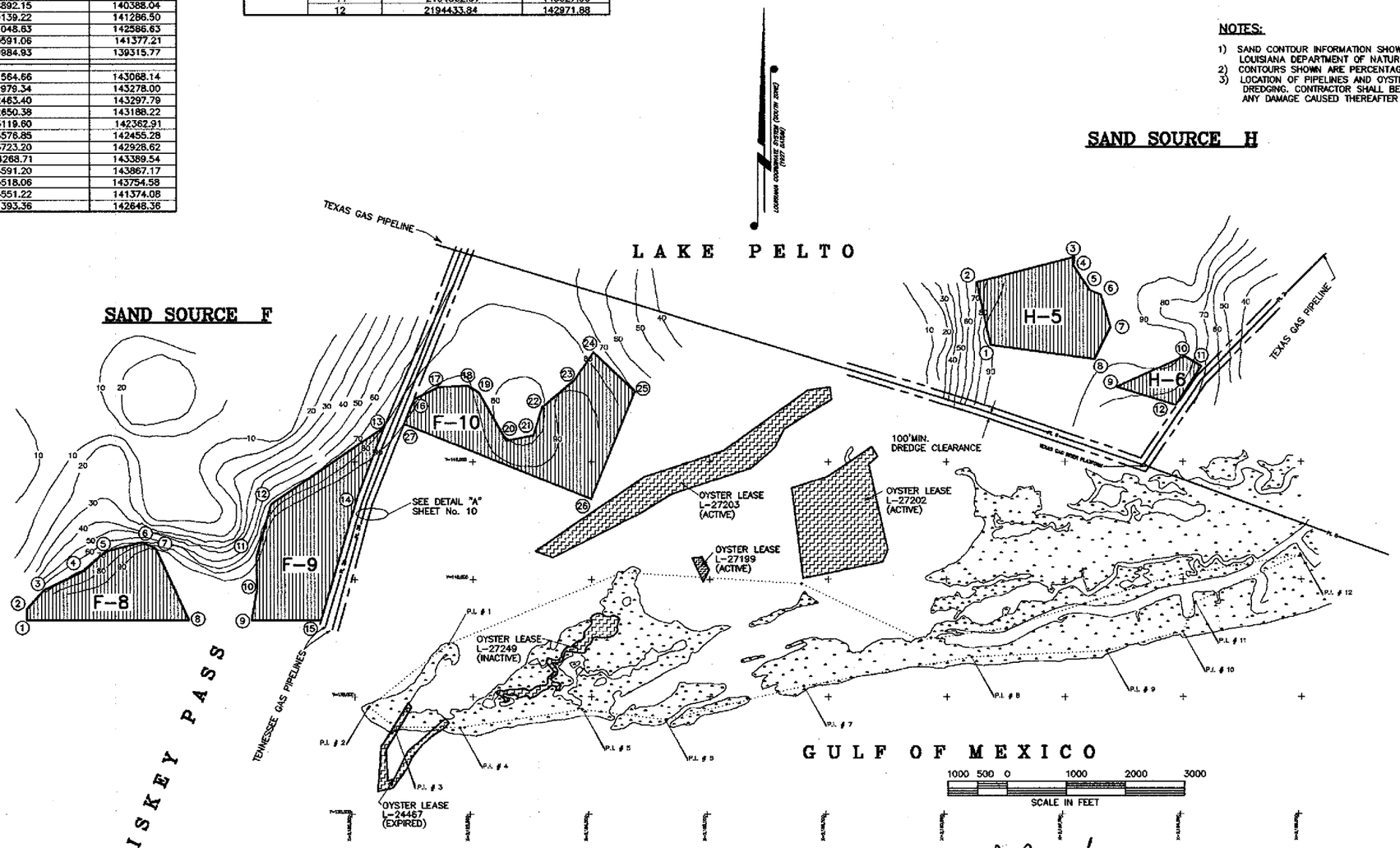
10-15 FEET SAND SOURCE H COORDINATES

	POINT	X	Y
H-5	1	2191306.96	143987.73
	2	2191071.76	145054.87
	3	2192724.35	145484.80
	4	2192704.94	145340.16
	5	2192981.24	144925.36
	6	2193171.11	144844.75
	7	2193332.42	144297.68
	8	2193055.97	143753.60
H-6	9	2193441.50	143274.75
	10	2194584.71	143799.71
	11	2194862.61	143627.90
	12	2194433.84	142971.88

10-15 FEET SAND SOURCE	> 70% AREA (SQ. FT.)		> 70% VOLUME (CU. YDS.)	
	SAND SOURCE F	SAND SOURCE H	SAND SOURCE F	SAND SOURCE H
F-8	2,332,876.54		432,014	
F-9	3,650,943.30		657,582	
F-10	4,129,029.60		764,635	
H-5		2,740,785.52		507,553
H-6		561,582.93		103,997
TOTAL	10,012,849.44	3,302,368.45	1,854,231	611,550

NOTES:

1) SAND CONTOUR INFORMATION SHOWN ON THIS DRAWING PROVIDED BY LOUISIANA DEPARTMENT OF NATURAL RESOURCES.
2) CONTOURS SHOWN ARE PERCENTAGES OF SAND BY VOLUME.
3) LOCATION OF PIPELINES AND OYSTER LEASES TO BE STAKED BY ENGINEER PRIOR TO DREDGING. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING MARKERS AND ANY DAMAGE CAUSED THEREAFTER AS A RESULT OF HIS OR HIS SUBCONTRACTORS OPERATIONS.



REFERENCE MAP PAGES 7 & 8 OF A SET OF PLANS ENTITLED "STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT OFFICE OF PUBLIC WORKS PLANS OF PROPOSED EAST ISLE DERNIERES RESTORATION S.P. No. 750-55-01 TERREBONNE PARISH" BY PLAISANCE/SMITH ENGINEERS, DATED 07/21/88

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

9/18/97

DRAWING IS ONE-HALF ORIGINAL SCALE

SAND SOURCE CONTOUR MAP (10'-15')

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND - PHASE 1 & EAST ISLAND PHASE 0

DATE	DESCRIPTION	BY
	REVISIONS	

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2286 HOUMA, LOUISIANA 70361

DRAWN	KAP	DRAWING	SAN10-15
CHECKED	MJR	JOB. No.	578-96
DATE	AUGUST, 1997		
SCALE	1 = 1000		

FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	17

0-5', 5-10' & 10-15'OVERLAY SAND SOURCE F1 COORDINATES

POINT	X	Y
1	2175005.39	139315.77
2	2175004.86	139504.06
3	2175280.39	139824.90
4	2175960.23	140146.85
5	2176345.40	140487.35
6	2176958.64	140845.41
7	2177185.23	140533.50
8	2177749.03	139315.77

0-5', 5-10' & 10-15'OVERLAY SAND SOURCE F2 COORDINATES

POINT	X	Y
9	2178813.10	139315.77
10	2178903.41	139855.71
11	2178862.15	140388.04
12	2179139.22	141286.50
13	2181048.63	142586.63
14	2180591.06	141377.21
15	2179984.93	139315.77

0-5', 5-10' & 10-15'OVERLAY SAND SOURCE F3 COORDINATES

POINT	X	Y
16	2181564.66	143068.14
17	2181979.34	143278.00
18	2182463.40	143297.79
19	2182850.38	143188.22
20	2183118.60	142362.91
21	2183576.85	142455.28
22	2183723.20	142928.62
23	2184268.71	143389.54
24	2184591.20	143867.17
25	2185518.06	143754.58
26	2184551.22	141374.08
27	2181393.36	142648.36

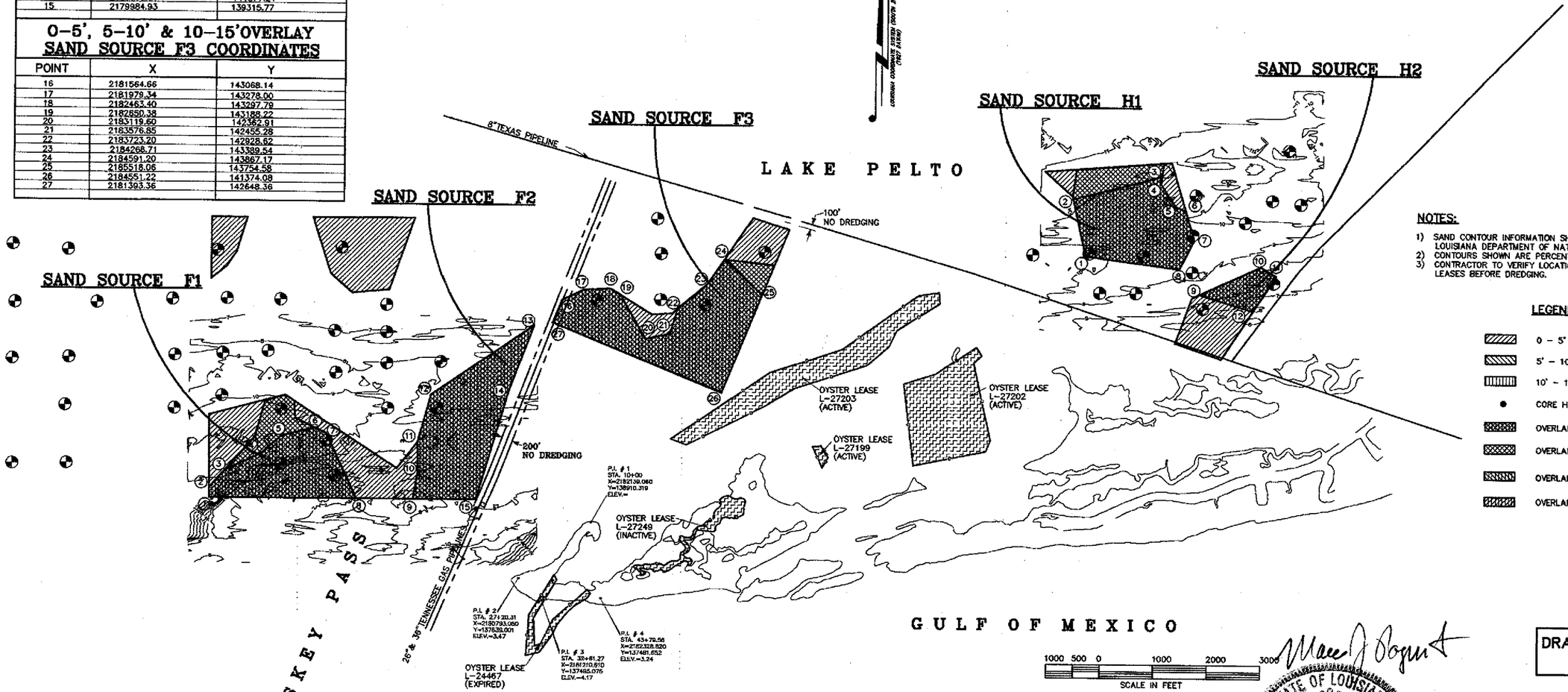
0-5', 5-10' & 10-15'OVERLAY SAND SOURCE H1 COORDINATES

POINT	X	Y
1	2175005.39	139315.77
2	2175004.86	139504.06
3	2175280.39	139824.90
4	2175960.23	140146.85
5	2176345.40	140487.35
6	2176958.64	140845.41
7	2177185.23	140533.50
8	2177749.03	139315.77

0-5', 5-10' & 10-15'OVERLAY SAND SOURCE H2 COORDINATES

POINT	X	Y
9	2193441.50	143274.75
10	2194584.71	143799.71
11	2194862.61	143627.90
12	2194433.84	142971.88

0-5', 5-10'& 10-15'OVERLAY SAND SOURCE	> 70% AREA (SQ. FT.)	> 70% VOLUME (CU. YDS.)
F1	2,332,876.54	1,296,043
F2	3,550,943.30	1,972,746
F3	4,129,029.60	2,293,905
H1	2,740,785.52	1,522,659
H2	561,582.93	311,991
TOTAL:	13,315,217.89	7,397,343



NOTES:

1) SAND CONTOUR INFORMATION SHOWN ON THIS DRAWING PROVIDED BY LOUISIANA DEPARTMENT OF NATURAL RESOURCES.
2) CONTOURS SHOWN ARE PERCENTAGES OF SAND BY VOLUME.
3) CONTRACTOR TO VERIFY LOCATION OF PIPELINES AND OYSTER LEASES BEFORE DREDGING.

LEGEND:

- 0 - 5'
- 5' - 10'
- 10' - 15'
- CORE HOLE LOCATION
- OVERLAPPING STATION (0-5, 5-10, & 10-15)
- OVERLAPPING STATION (0-5 & 5-10)
- OVERLAPPING STATION (5-10 & 10-15)
- OVERLAPPING STATION (0-5 & 10-15)

DRAWING IS ONE-HALF ORIGINAL SCALE

STATE OF LOUISIANA * MARC J. ROGERS REG. No. 16940 REGISTERED PROFESSIONAL ENGINEER CIVIL ENGINEERING 9/28/97

SAND SOURCE CONTOUR MAP (0'-5', 5'-10', & 10'-15' OVERLAY)

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND - PHASE 1 & EAST ISLAND PHASE 0

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2260 HOUMA, LOUISIANA 70361

DATE	DESCRIPTION	BY
	REVISIONS	

DRAWN	KAP	DRAWING	OVERLAY	DATE	AUGUST, 1997
CHECKED	MJR	JOB No.	578-96	SCALE	1 = 1000

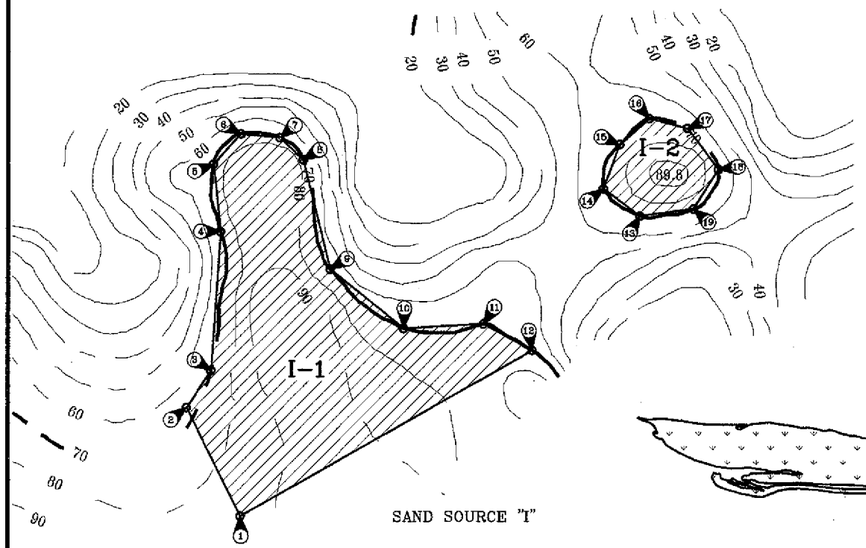
FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	18

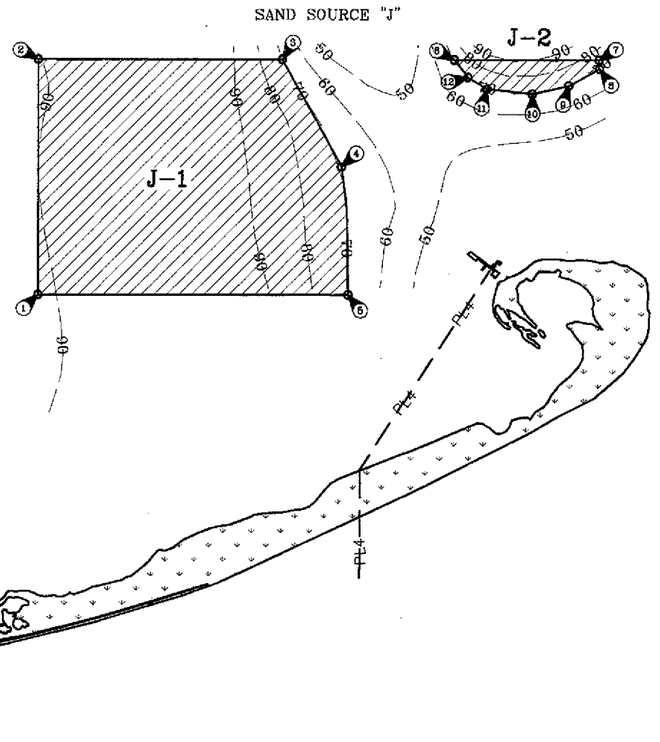
0-5 FEET SAND SOURCE "I" COORDINATES			
	POINT	X	Y
I-1	1	2,202,100	143,600
	2	2,201,260	145,280
	3	2,201,815	145,021
	4	2,201,907	146,373
	5	2,201,837	147,026
	6	2,202,107	147,326
	7	2,202,490	147,287
	8	2,202,717	147,075
	9	2,202,984	146,007
	10	2,203,704	145,432
	11	2,204,488	145,477
	12	2,204,965	145,217
I-2	13	2,206,021	146,525
	14	2,205,663	146,792
	15	2,205,824	147,224
	16	2,206,113	147,479
	17	2,206,487	147,384
	18	2,206,791	146,981
	19	2,206,546	146,596

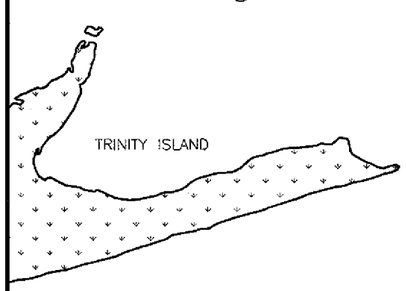
0-5 FEET SAND SOURCE	> 70% AREA (SQ. FT.)		> 70% VOLUME (CU. YDS.)	
	SAND SOURCE "I"	SAND SOURCE "J"	SAND SOURCE "I"	SAND SOURCE "J"
I-1	5,478,777		1,014,589	
I-2	724,545		134,175	
J-1		6,605,042		1,223,156
J-2		345,873		64,051
TOTAL	6,203,322	6,950,915	1,148,764	1,287,207

NOTE:
1) SAND CONTOUR INFORMATION SHOWN ON THIS DRAWING PROVIDED BY LOUISIANA DEPARTMENT OF NATURAL RESOURCES.
2) CONTOURS SHOWN ARE PERCENTAGES OF SAND BY VOLUME.
3) LOCATION OF PIPELINES TO BE STAKED BY ENGINEER PRIOR TO DREDGING. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING MARKERS AND ANY DAMAGE CAUSED THEREAFTER AS A RESULT OF HIS OR HIS SUBCONTRACTORS OPERATIONS.

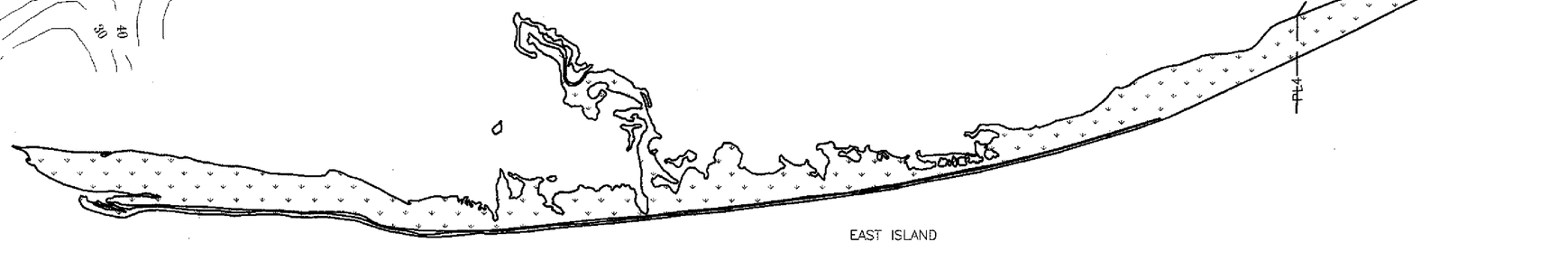
0-5 FEET SAND SOURCE "J" COORDINATES			
	POINT	X	Y
J-1	1	2,202,100	143,600
	2	2,201,260	145,280
	3	2,201,815	145,021
	4	2,201,907	146,373
	5	2,201,837	147,026
J-2	6	2,202,107	147,326
	7	2,202,490	147,287
	8	2,202,717	147,075
	9	2,202,984	146,007
	10	2,203,704	145,432
	11	2,204,488	145,477
	12	2,204,965	145,217







NEW CUT



SCALE IN FEET
700' 350' 0' 700' 1400' 2100'

Prepared By:
COASTAL ENGINEERING AND ENVIRONMENTAL CONSULTANTS, INC.
Engineering - Surveying - Planners - Environmental Consulting

DRAWN: D.J.P.	DRAWING: 1136-18	DATE: SEPT. 4, 1997	
CHECKED: O.F.P.	SCALE: 1"=1400'	JOB No.: 1136	

DATE	DESCRIPTION	BY
	REVISIONS	

STATE OF LOUISIANA
MARC J. ROGERS
R.E.G. No. 16940
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEERING
9/18/97

SAND SOURCE CONTOUR MAP (0'-5')

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
EAST ISLAND - PHASE 0

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL RESEARCH
P.O. BOX 2286 HOUMA, LOUISIANA 70361

DRAWN:	DRAWING:	DATE:
CHECKED: M.J.R.	SCALE:	JOB No.:

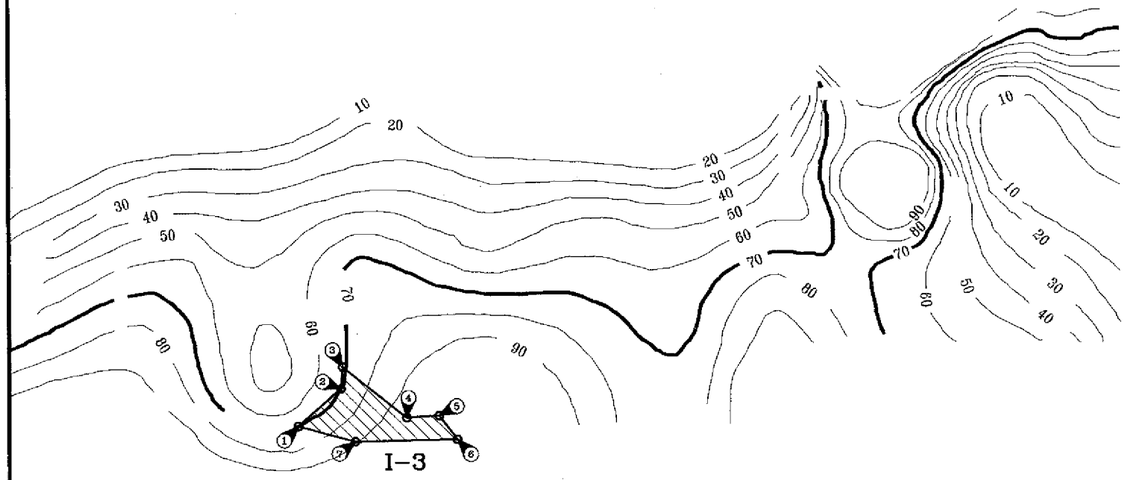
FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	19

5-10 FEET SAND SOURCE "I" COORDINATES			
	POINT	X	Y
I-3	1	2,202,644	145,352
	2	2,203,062	145,719
	3	2,203,079	145,931
	4	2,203,704	145,432
	5	2,204,021	145,450
	6	2,204,200	145,217
	7	2,203,200	145,200

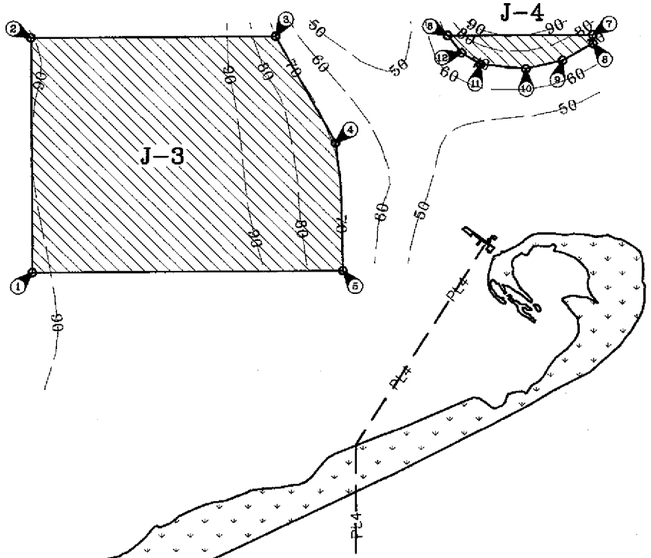
5-10 FEET SAND SOURCE	> 70% AREA (SQ. FT.)		> 70% VOLUME (CU. YDS.)	
	SAND SOURCE "I"	SAND SOURCE "J"	SAND SOURCE "I"	SAND SOURCE "J"
I-3	501,339		92,841	
J-3		6,605,042		1,223,156
J-4		345,873		64,051
TOTAL	501,339	6,950,915	92,841	1,287,207

5-10 FEET SAND SOURCE "J" COORDINATES			
	POINT	X	Y
J-3	1	2,202,100	143,600
	2	2,201,280	145,280
	3	2,201,815	145,021
	4	2,201,907	146,373
	5	2,201,837	147,026
J-4	6	2,202,107	147,326
	7	2,202,490	147,287
	8	2,202,717	147,075
	9	2,202,984	146,007
	10	2,203,704	145,432
	11	2,204,488	145,477
	12	2,204,965	145,217

NOTE:
1) SAND CONTOUR INFORMATION SHOWN ON THIS DRAWING PROVIDED BY LOUISIANA DEPARTMENT OF NATURAL RESOURCES.
2) CONTOURS SHOWN ARE PERCENTAGES OF SAND BY VOLUME.
3) LOCATION OF PIPELINES TO BE STAKED BY ENGINEER PRIOR TO DREDGING. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING MARKERS AND ANY DAMAGE CAUSED THEREAFTER AS A RESULT OF HIS OR HIS SUBCONTRACTORS OPERATIONS.



SAND SOURCE "I"



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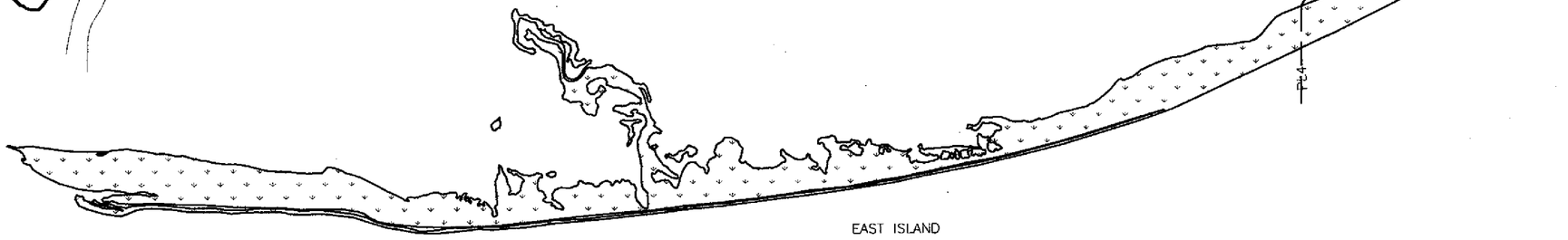
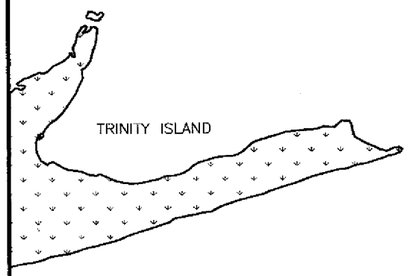


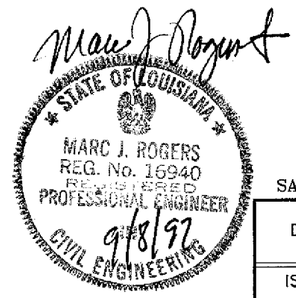
EAST ISLAND

NEW CUT



TRINITY ISLAND

SCALE IN FEET
700' 350' 0' 700' 1400' 2100'



SAND SOURCE CONTOUR MAP (5'-10')

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
EAST ISLAND - PHASE 0

Prepared By:
COASTAL ENGINEERING AND ENVIRONMENTAL CONSULTANTS, INC.
Engineering - Surveying - Planners - Environmental Consulting

DRAWN: D.J.P.	DRAWING: 1136-19	DATE: SEPT. 4, 1997	
CHECKED: O.F.P.	SCALE: 1"=1400'	JOB No.: 1136	

DATE	DESCRIPTION REVISIONS	BY

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL RESEARCH
P.O. BOX 2258 HOUMA, LOUISIANA 70361

DRAWN:	DRAWING:	DATE:
CHECKED: M.J.R.	SCALE:	JOB No.:

FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	20

10-15 FEET SAND SOURCE "I" COORDINATES			
	POINT	X	Y
I-4	1	2,204,021	145,450
	2	2,204,488	145,478
	3	2,204,965	145,217
	4	2,204,200	145,217

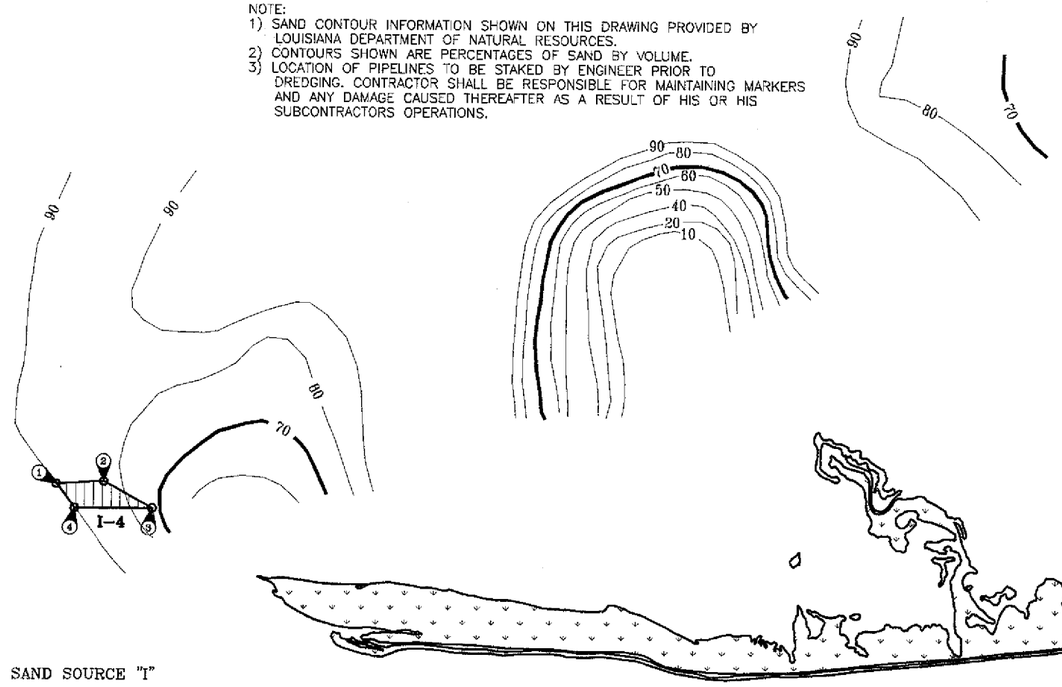
10-15 FEET SAND SOURCE	> 70% AREA (SQ. FT.)		> 70% VOLUME (CU. YDS.)	
	SAND SOURCE "I"	SAND SOURCE "J"	SAND SOURCE "I"	SAND SOURCE "J"
I-4	155,800		28,852	
J-5		3,673,692		680,314
J-6		457,783		84,775
TOTAL	155,800	4,131,475	28,852	765,089

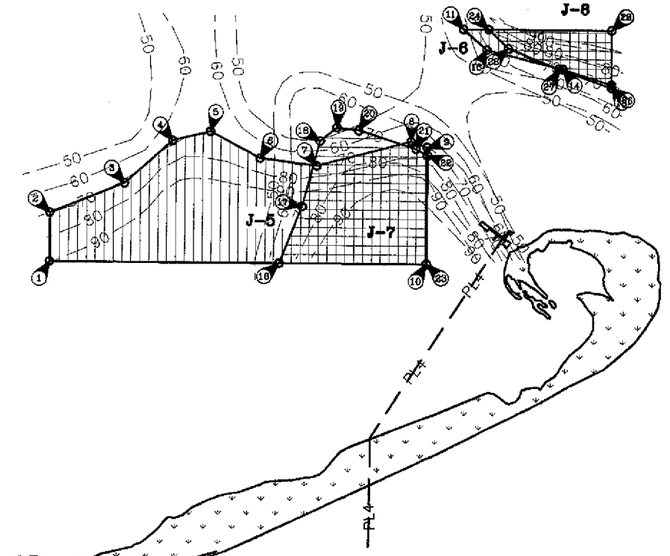
15-20 FEET SAND SOURCE	> 70% AREA (SQ. FT.)		> 70% VOLUME (CU. YDS.)	
	SAND SOURCE "I"	SAND SOURCE "J"	SAND SOURCE "I"	SAND SOURCE "J"
J-7		1,506,293		278,943
J-8		401,553		74,362
TOTAL		1,907,846		353,305

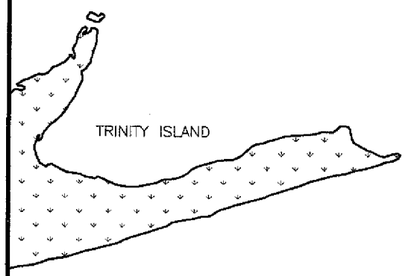
10-15 FEET SAND SOURCE "J" COORDINATES			
	POINT	X	Y
J-5	1	2,216,800	147,700
	2	2,216,800	148,178.53
	3	2,217,532.98	148,471.93
	4	2,218,000.83	148,891.86
	5	2,218,372.77	148,981.76
	6	2,216,862.20	148,727.66
	7	2,219,418.05	148,653.90
	8	2,220,343.36	148,899.93
	9	2,220,500	148,845.03
	10	2,220,500	147,700
J-6	11	2,220,841.38	150,000
	12	2,222,300	150,000
	13	2,222,300	149,468.97
	14	2,221,824.33	149,618.56
	15	2,221,073.95	149,801.31

15-20 FEET SAND SOURCE "J" COORDINATES			
	POINT	X	Y
J-7	16	2,219,054.30	147,700
	17	2,219,276.55	148,254.56
	18	2,219,449.34	148,896.65
	19	2,219,614.22	149,029.11
	20	2,219,827.31	149,003.91
	21	2,220,393.61	148,825.83
	22	2,220,500	148,766.70
	23	2,220,500	147,700
J-8	24	2,221,090.80	149,998.99
	25	2,222,300	150,000
	26	2,222,300	149,441.37
	27	2,221,778.67	149,619.25
	28	2,221,283.90	149,816.80

NOTE:
1) SAND CONTOUR INFORMATION SHOWN ON THIS DRAWING PROVIDED BY LOUISIANA DEPARTMENT OF NATURAL RESOURCES.
2) CONTOURS SHOWN ARE PERCENTAGES OF SAND BY VOLUME.
3) LOCATION OF PIPELINES TO BE STAKED BY ENGINEER PRIOR TO DREDGING. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING MARKERS AND ANY DAMAGE CAUSED THEREAFTER AS A RESULT OF HIS OR HIS SUBCONTRACTORS OPERATIONS.







SCALE IN FEET
700' 350' 0' 700' 1400' 2100'

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
7/8/97
CIVIL ENGINEERING

SAND SOURCE CONTOUR MAP
(10'-15' & 15'-20')

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
EAST ISLAND - PHASE 0

Prepared By:
COASTAL, ENGINEERING AND ENVIRONMENTAL CONSULTANTS, INC.
Engineering - Surveying - Planners - Environmental Consulting

DRAWN: D.J.P.	DRAWING: 1136-20	DATE: SEPT. 4, 1997
CHECKED: G.F.P.	SCALE: 1"=1400'	JOB No.: 1136

DATE	DESCRIPTION	BY
	REVISIONS	

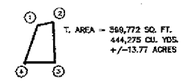
T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL RESEARCH
P.O. BOX 2288 HOUMA, LOUISIANA 70361

DRAWN:	DRAWING:	DATE:
CHECKED: M.J.R.	SCALE:	JOB No.:

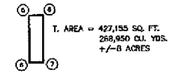
FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	21

SUMMARY OF ESTIMATED QUANTITIES			
	SOURCE AREA	AREA ($FT.^2$)	VOLUME ($YD.^3$) >70% SAND
0-5'	I-1	5,478,777	1,014,589
	I-2	724,545	134,175
	J-1	6,605,042	1,223,156
	J-2	345,873	64,051
5-10'	I-3	501,339	92,841
	J-3	6,605,042	1,223,156
	J-4	345,873	64,051
10-15'	I-4	155,800	28,852
	J-5	3,673,692	680,314
	J-6	457,783	84,775
15-20'	J-7	1,506,293	278,943
	J-8	401,553	74,362
TOTAL		26,801,612	4,963,265
EXISTING BORROW PIT		-427,155	-268,950
TOTAL		26,374,457	4,694,315

0-5', 5-10', 10-15', & 15-20' OVERLAY SAND SOURCE	> 70% AREA (SQ. FT.)	> 70% VOLUME (CU. YDS.)
	SAND SOURCE "J"	SAND SOURCE "J"
SAND SOURCE "J"	599,772	444,275
TOTAL	599,772	444,275



OVERLAY CONFIGURATION



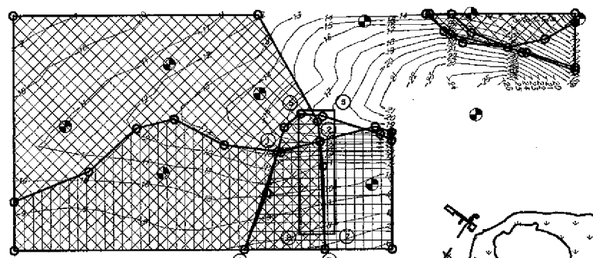
EXISTING BORROW PIT

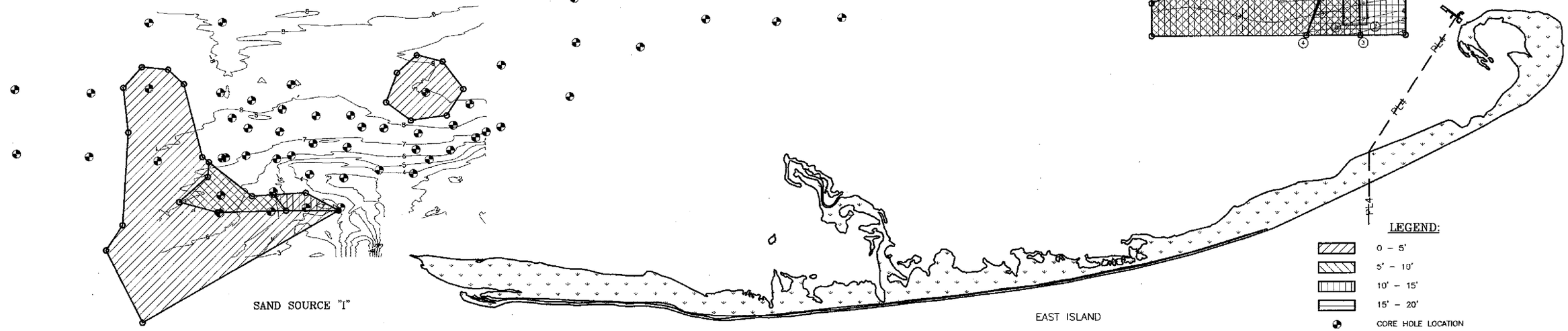
0-5', 5-10', 10-15', & 15-20' OVERLAY SAND SOURCE COORDINATES		
POINT	X	Y
1	2,219,385.19	148,658.26
2	2,219,800.69	148,755.64
3	2,219,843.96	147,000.00
4	2,219,054.30	147,700.00

EXISTING BORROW PIT		
POINT	X	Y
5	2,219,590.13	149,062.89
6	2,219,941.75	149,062.89
7	2,219,941.75	147,648.06
8	2,219,590.13	147,848.06

NOTE:
1) SAND CONTOUR INFORMATION SHOWN ON THIS DRAWING PROVIDED BY LOUISIANA DEPARTMENT OF NATURAL RESOURCES.
2) CONTOURS SHOWN ARE PERCENTAGES OF SAND BY VOLUME.
3) LOCATION OF PIPELINES TO BE STAKED BY ENGINEER PRIOR TO DREDGING. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING MARKERS AND ANY DAMAGE CAUSED THEREAFTER AS A RESULT OF HIS OR HIS SUBCONTRACTORS OPERATIONS.

SAND SOURCE "J"





LEGEND:

- 0 - 5'
- 5' - 10'
- 10' - 15'
- 15' - 20'
- CORE HOLE LOCATION
- OVERLAPPING STATION (0-5, 5-10, & 10-15)
- OVERLAPPING STATION (0-5 & 5-10)
- OVERLAPPING STATION (5-10 & 10-15)
- OVERLAPPING STATION (0-5 & 10-15)
- OVERLAPPING STATION (0-5, 5-10, 10-15, & 15-20)

SCALE IN FEET

700' 350' 0' 700' 1400' 2100'

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
9/8/97
CIVIL ENGINEERING

SAND SOURCE CONTOUR MAP (0'-5', 5'-10', 10'-15', 15'-20' OVERLAY)

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
EAST ISLAND - PHASE 0

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL RESEARCH
P.O. BOX 2266 HOUMA, LOUISIANA 70361

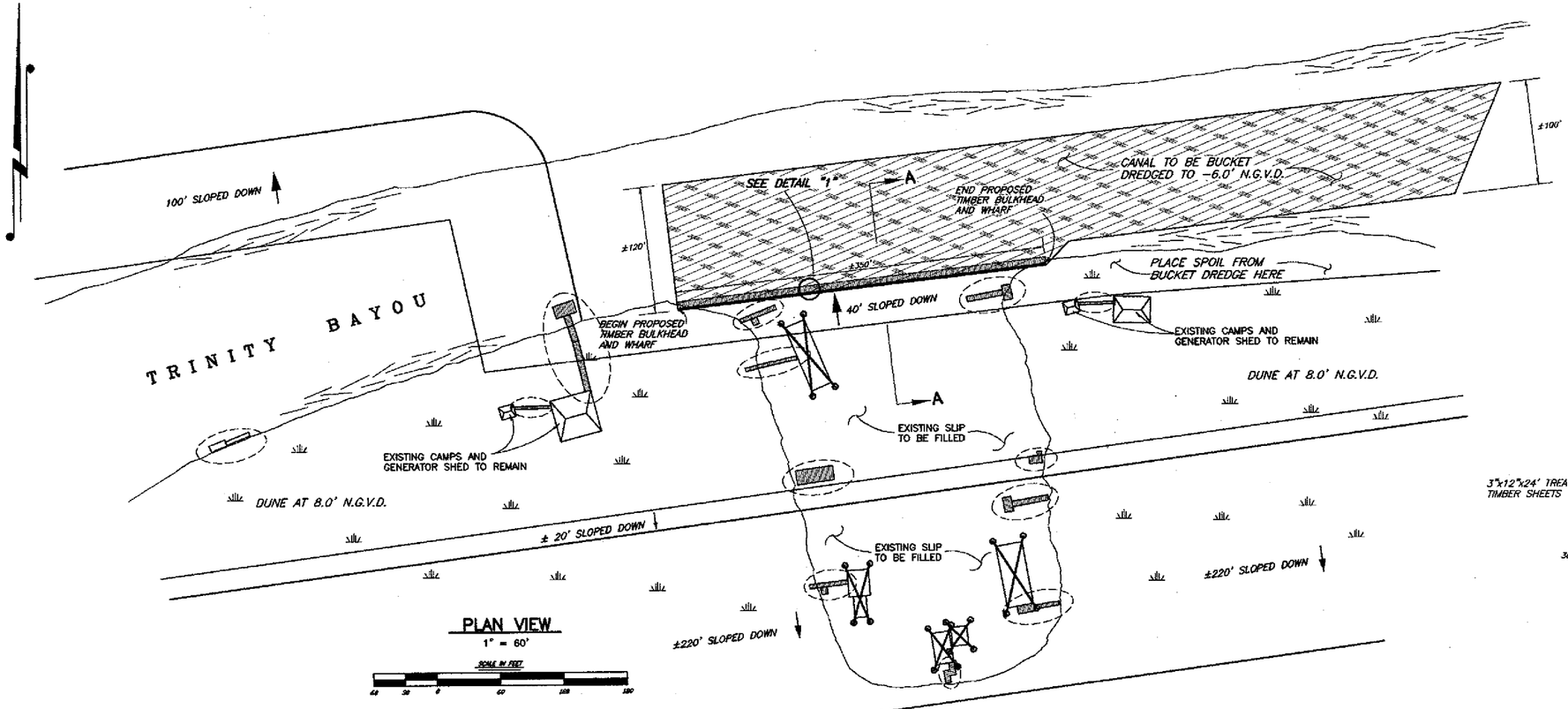
DRAWN:	DRAWING:	DATE:
CHECKED: M.J.R.	SCALE:	JOB No.:

Prepared By:
COASTAL ENGINEERING AND ENVIRONMENTAL CONSULTANTS, INC.
Engineering - Surveying - Planners - Environmental Consulting

DRAWN: D.J.P.	DRAWING: 1136-21	DATE: SEPT. 4, 1997
CHECKED: O.F.P.	SCALE: 1"=1400'	JOB No.: 1136

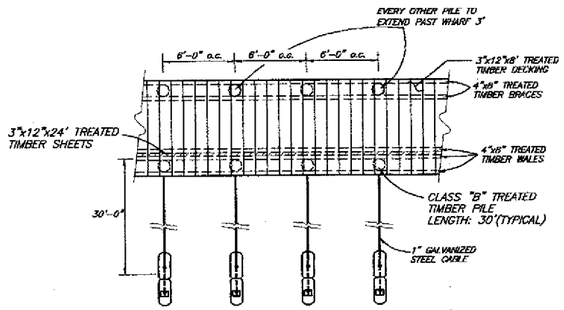
DATE	DESCRIPTION	BY
	REVISIONS	

FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	22

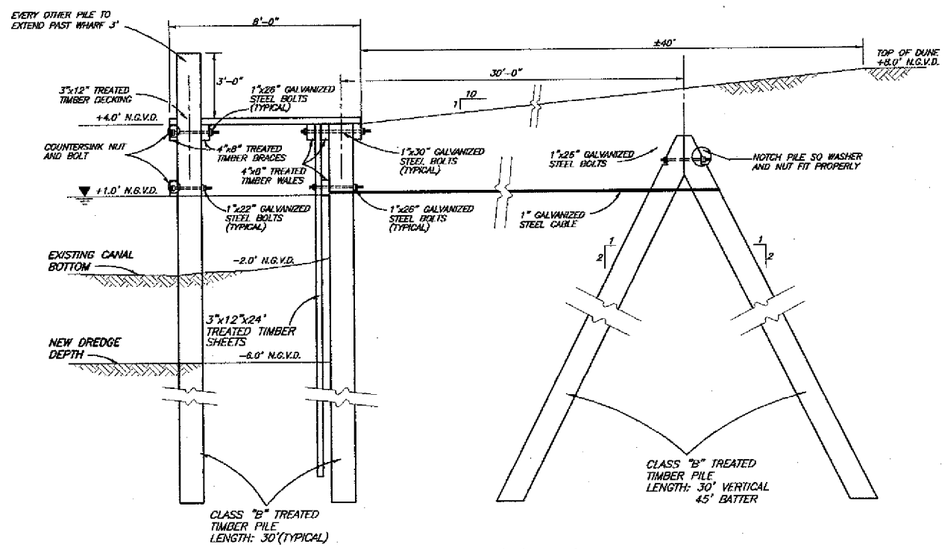


PLAN VIEW
1" = 60'

SCALE IN FEET
60 30 0 60 120 180



DETAIL "1"
BULKHEAD AND WHARF PLAN DETAIL
SCALE: 1" = 6'



SECTION A – A
BULKHEAD AND DOCK DETAIL
N.T.S.

NOTES:
1. ALL FLOATING CAMPS TO BE REMOVED ARE TO BE REMOVED BY CAMP OWNER.
2. ALL DOCKS TO BE REMOVED ARE TO BE REMOVED BY CONTRACTOR UNDER BID ITEM #9.
3. OWNERS OF THE TWO LAND CAMPS SHALL REMOVE PERSONAL BELONGINGS FROM BENEATH CAMP PRIOR TO FILLING.
4. ABANDONED AUTOMOBILES AND JUNK AROUND SLIP ARE TO BE REMOVED BY CONTRACTOR UNDER BID ITEM #9 ALSO.

SUMMARY OF ESTIMATED QUANTITIES

ITEM DESCRIPTION	UNIT	QUANTITY
30' CLASS "B" VERTICAL PILES	EACH	118
45' CLASS "B" BATTER PILES	EACH	118
4"x8" WALES & BRACES	MBFM	3.8
3"x12"x8' DECKING	MBFM	8.4
3"x12"x24' SHEETING	MBFM	25.5
1" GALVANIZED CABLE FOR TIE-BACKS	LN. FT.	3,000
1"x26" BOLTS w/ 2 NUTS AND WASHERS EACH	EACH	170
1"x30" BOLTS w/ 2 NUTS AND WASHERS EACH	EACH	65
1"x22" BOLTS w/ 2 NUTS AND WASHERS EACH	EACH	65

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED PROFESSIONAL ENGINEER
4/8/97
CIVIL ENGINEERING

DRAWING IS ONE-HALF ORIGINAL SCALE

TRINITY ISLAND
BULKHEAD AND WHARF DETAIL

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

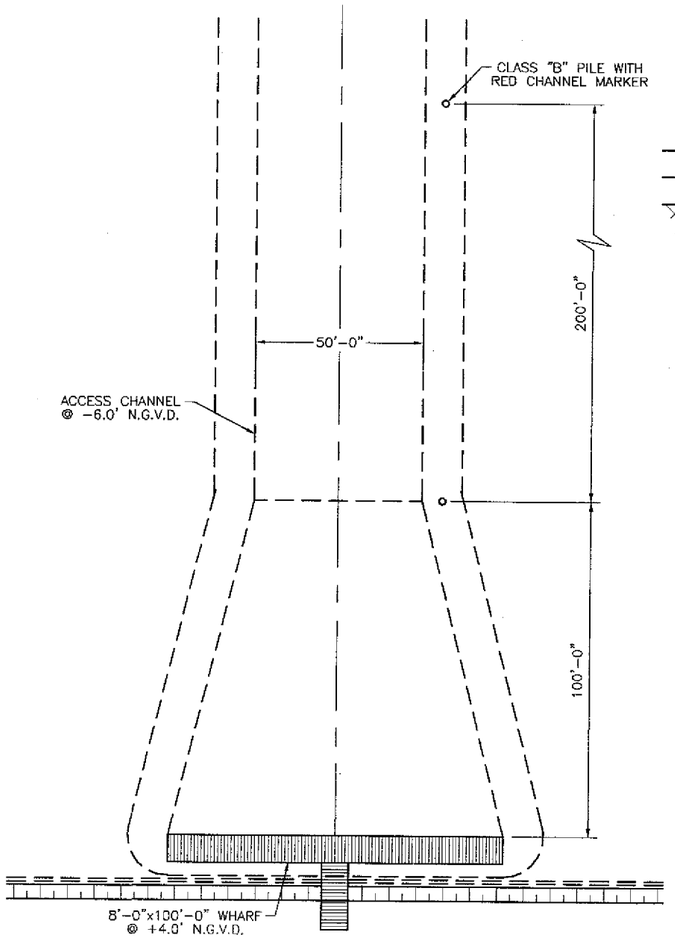
ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND – PHASE 1 & EAST ISLAND PHASE 0

DATE	DESCRIPTION REVISIONS	BY

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS – SURVEYORS – ENVIRONMENTAL SERVICES
P.O. BOX 2266 HOUMA, LOUISIANA 70361

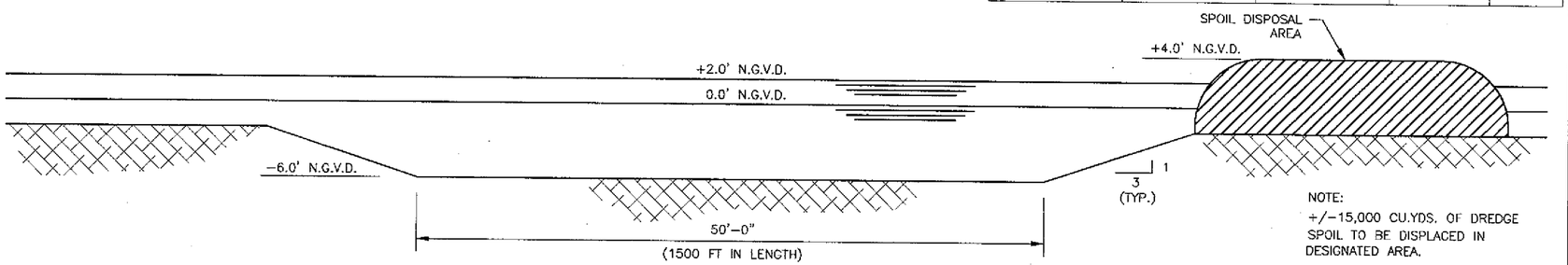
DRAWN	KAP	DRAWING	BULKHEAD	DATE	AUGUST, 1997
CHECKED	MJR	JOB No.	578-96	SCALE	1 = 60

FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	23



PLAN VIEW
DREDGE ACCESS CHANNEL AND WHARF

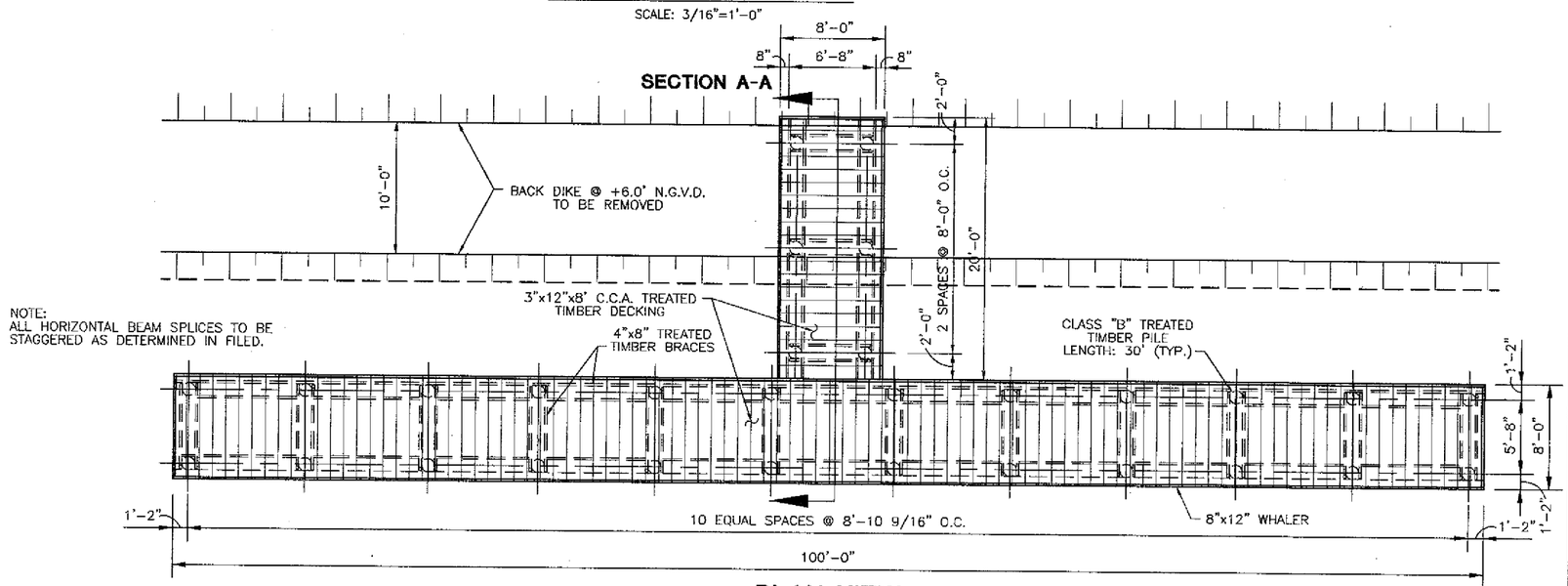
SCALE: 3/8"=1'-0"



NOTE:
+/-15,000 CU.YDS. OF DREDGE SPOIL TO BE DISPLACED IN DESIGNATED AREA.

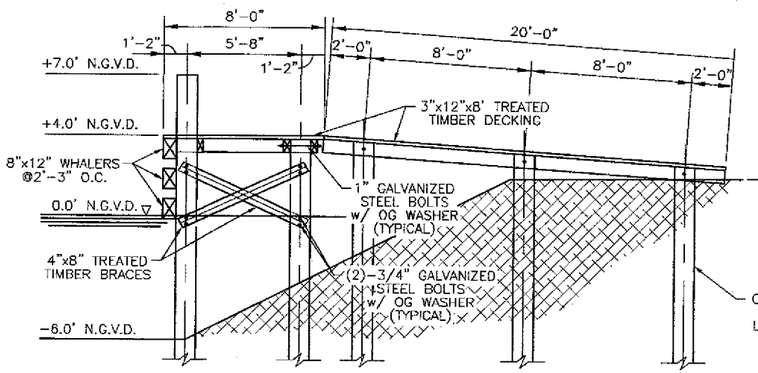
DREDGE ACCESS CHANNEL
(LOOKING NORTHWEST)

SCALE: 3/16"=1'-0"



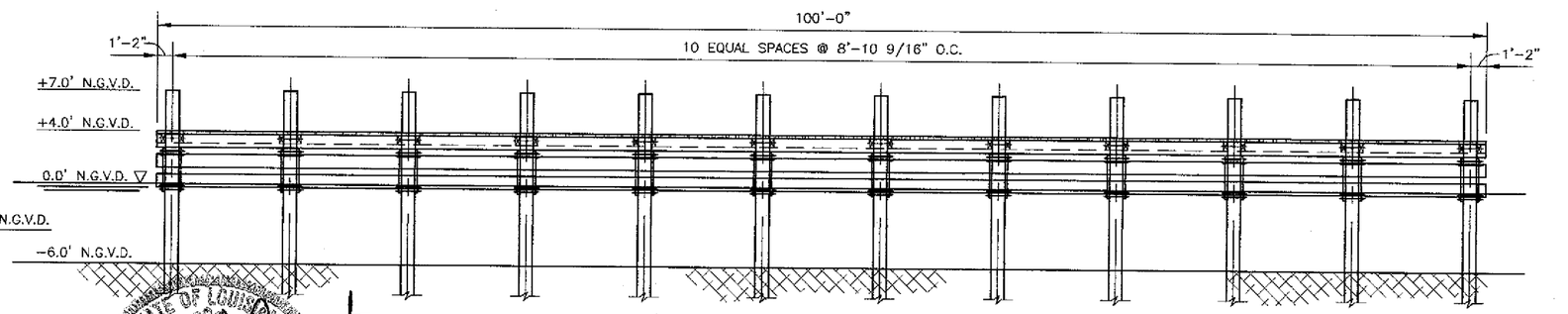
NOTE:
ALL HORIZONTAL BEAM SPLICES TO BE STAGGERED AS DETERMINED IN FILED.

PLAN VIEW



SECTION A-A
WHARF DETAIL (TIMBER)

NOT TO SCALE



ELEVATION VIEW
EAST ISLAND WHARF FACILITY

SCALE: 3/16"=1'-0"

NOTE:
DRAWING IS 1/2 OF ORIGINAL SCALE

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
CIVIL ENGINEER
9/8/97

Prepared By:
COASTAL ENGINEERING AND ENVIRONMENTAL CONSULTANTS, INC.
Engineering - Surveying - Planners - Environmental Consulting

DRAWN: D.J.P.	DRAWING: 1136-23	DATE: SEPT. 4,1997	
CHECKED: O.F.P.	SCALE: 3/16"=1'-0"	JOB No.: 1138	

DATE	DESCRIPTION	BY
	REVISIONS	

EAST ISLAND WHARF DETAILS

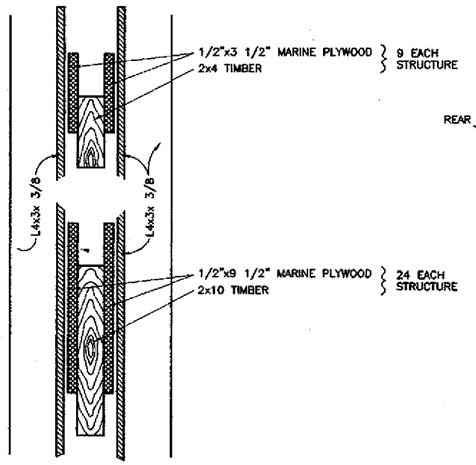
STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
EAST ISLAND - PHASE 0

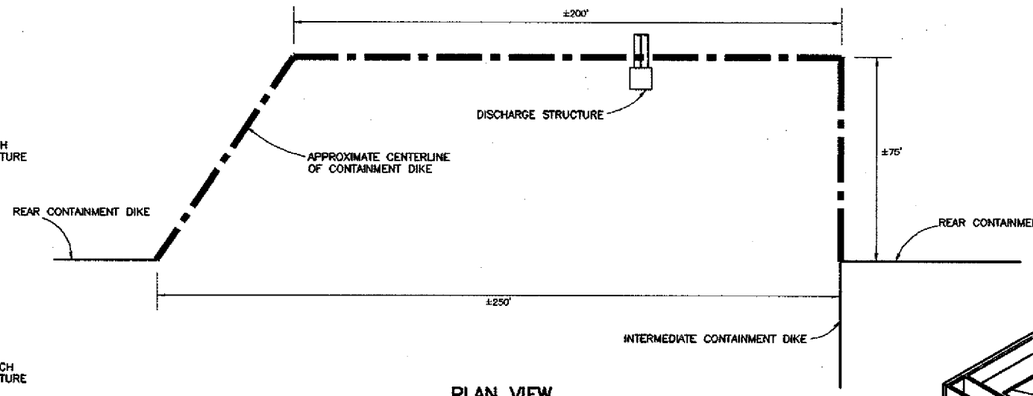
T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL RESEARCH
P.O. BOX 2268 HOUMA, LOUISIANA 70361

DRAWN:	DRAWING:	DATE:
CHECKED: M.J.R.	SCALE:	JOB No.:

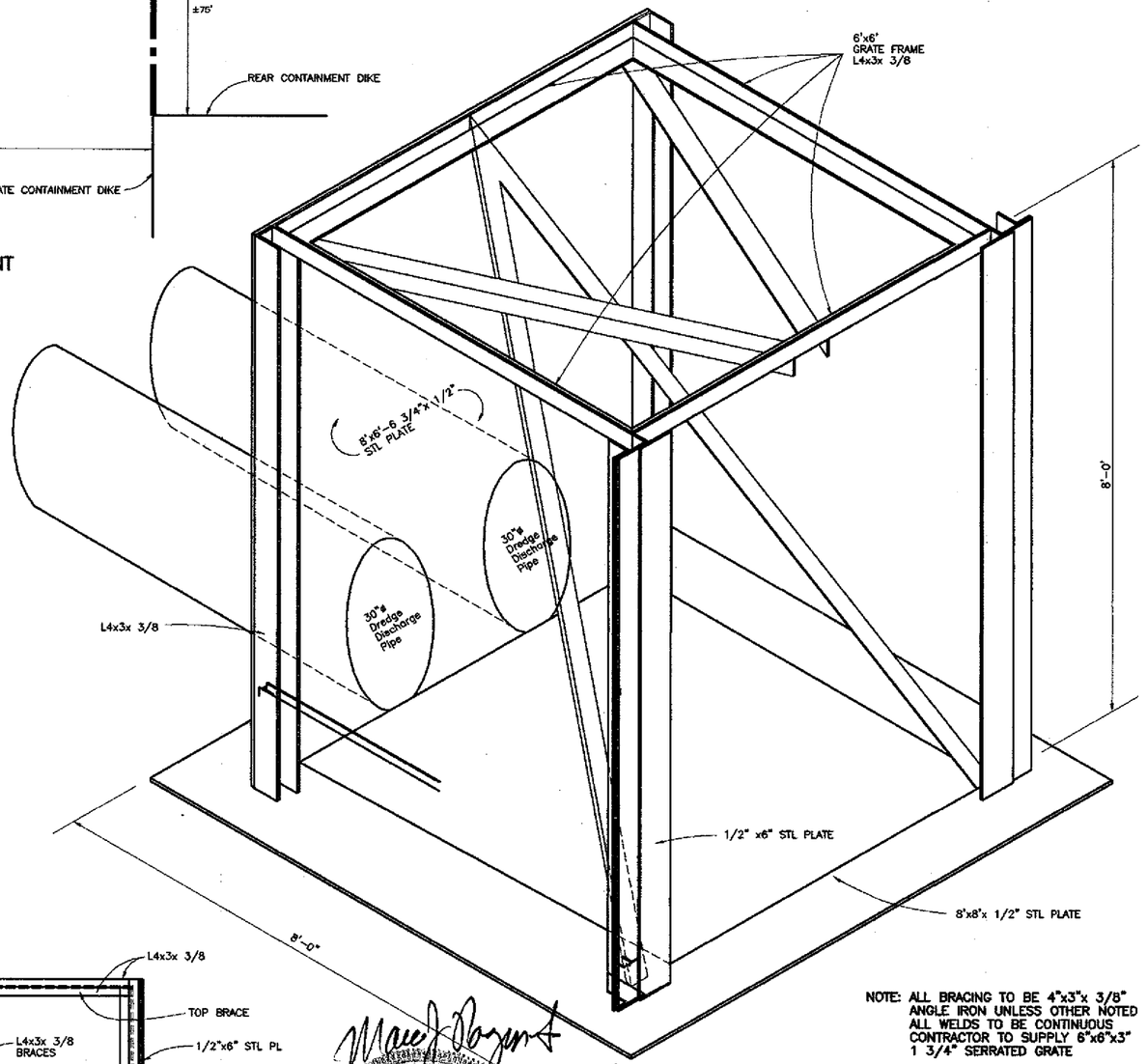
FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	24



WEIR BOARD DETAIL
SCALE 1"=3"



PLAN VIEW
SHOWING CONTAINMENT DIKE ALIGNMENT
N.T.S.

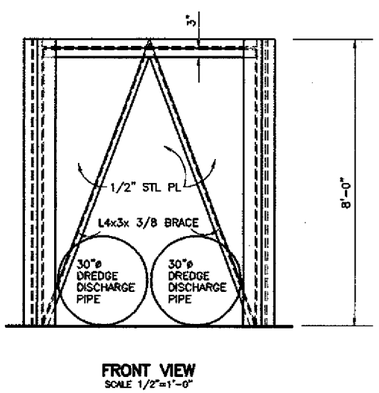


FRAME DETAIL
ISOMETRIC VIEW
SCALE 1/2"=1'-0"

NOTE: ALL BRACING TO BE 4"x3"x 3/8" ANGLE IRON UNLESS OTHER NOTED
ALL WELDS TO BE CONTINUOUS
CONTRACTOR TO SUPPLY 8'x6"x3" 1 3/4" SERRATED GRATE

TOP VIEW
SCALE 1/2"=1'-0"

DETAIL "A"
SCALE 1"=3"



FRONT VIEW
SCALE 1/2"=1'-0"

LEFT VIEW
SCALE 1/2"= 1'-0"

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
9/8/97

DRAWING IS ONE-HALF ORIGINAL SCALE

OVERFLOW WEIR BOX AND DETAILS

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

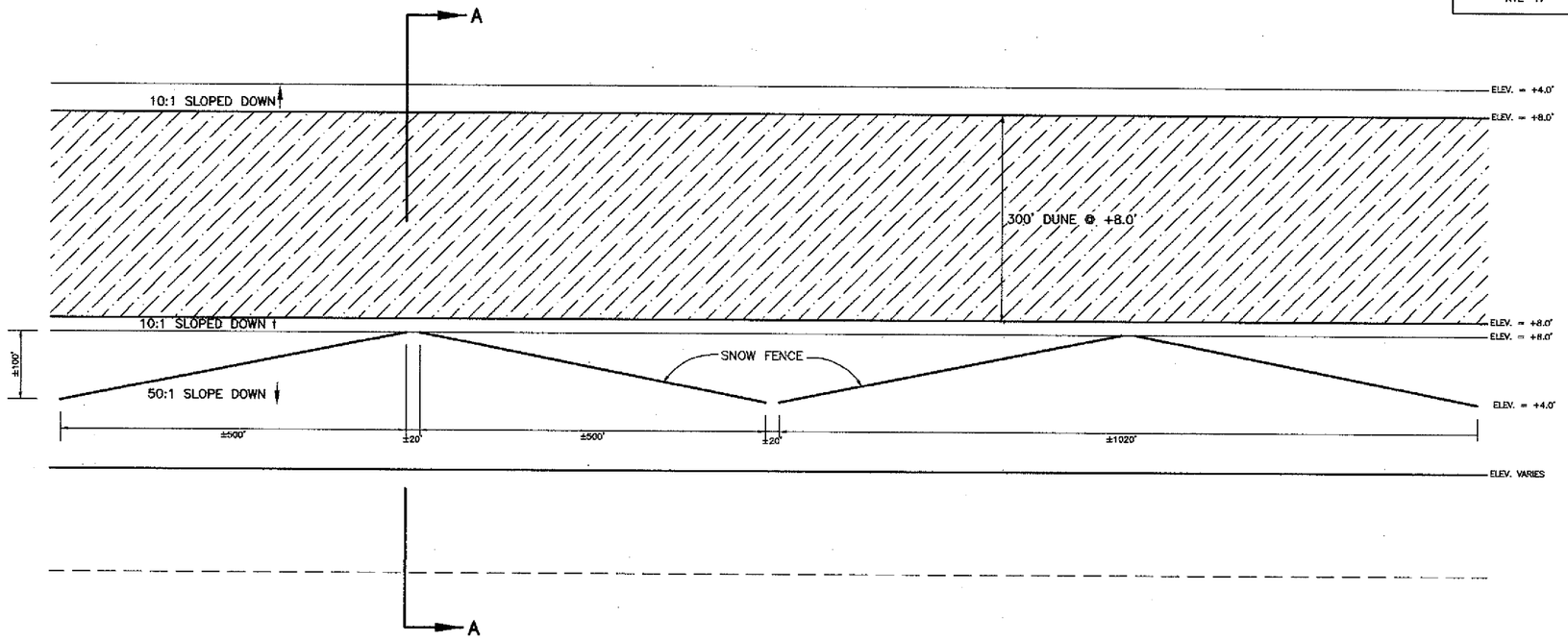
ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND – PHASE 1 & EAST ISLAND PHASE 0

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2258 HOUMA, LOUISIANA 70361

DATE	DESCRIPTION	BY
	REVISIONS	

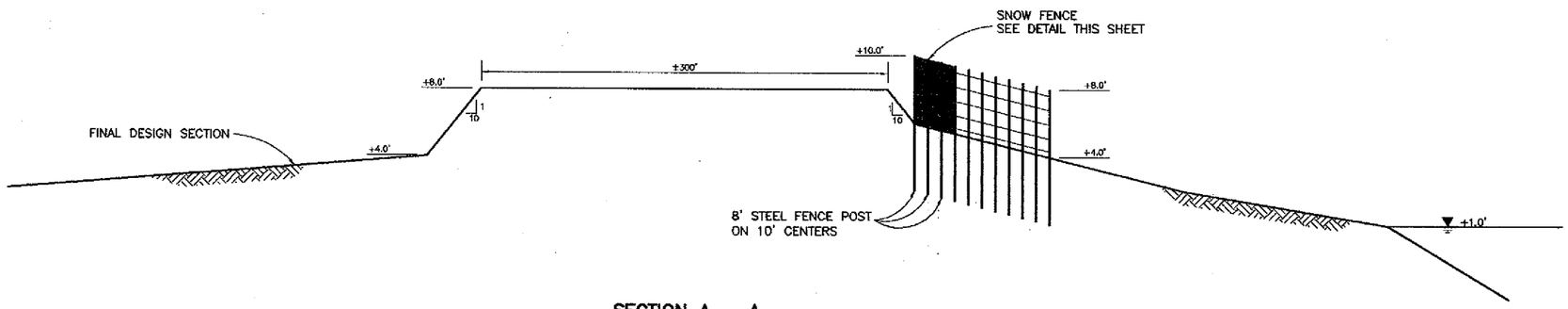
DRAWN	GPF	DRAWING	E-01SCH
CHECKED	MJR	JOB NO.	578-96
DATE	AUGUST, 1997		
SCALE	1/2" = 1'		

FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	25



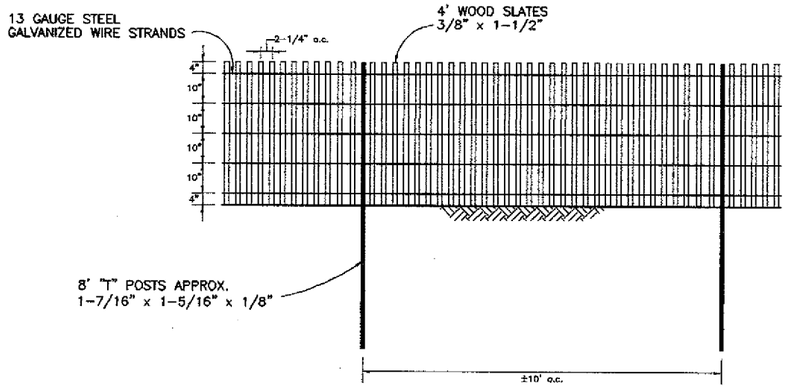
PLAN VIEW OF SNOW FENCE EAST AND TRINITY ISLANDS

SCALE: 1" = 100'



SECTION A – A

N.T.S.



SNOW FENCE DETAIL

SCALE: 1" = 2'

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
9/8/97

DRAWING IS ONE-HALF ORIGINAL SCALE

TYPICAL SNOW FENCING LAYOUT

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

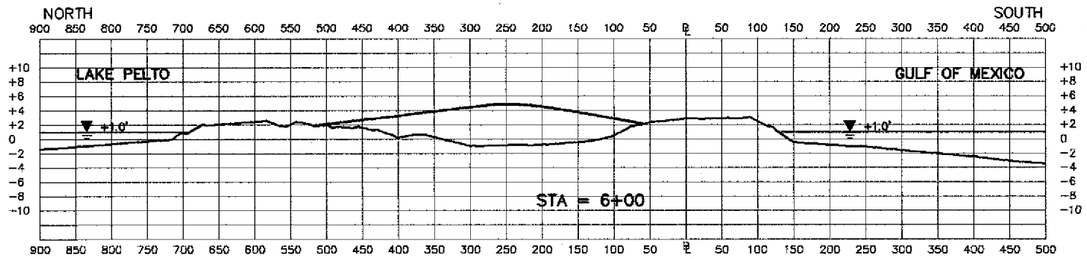
ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND – PHASE 1 & EAST ISLAND – PHASE 0

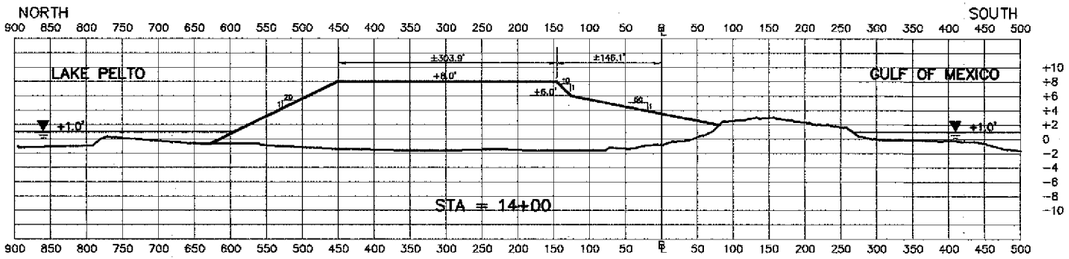
DATE	DESCRIPTION REVISIONS	BY

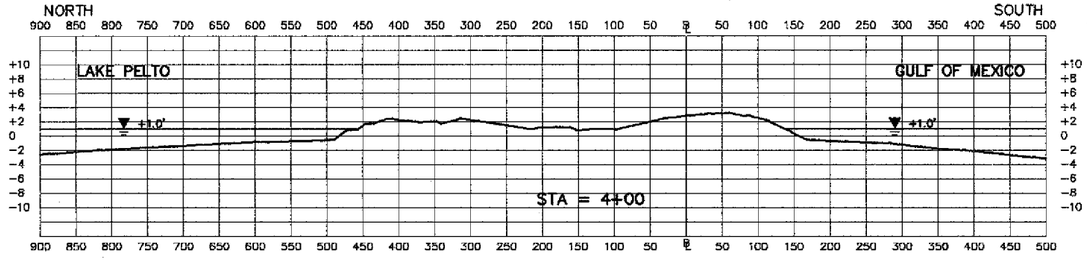
T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2266 HOUMA, LOUISIANA 70361

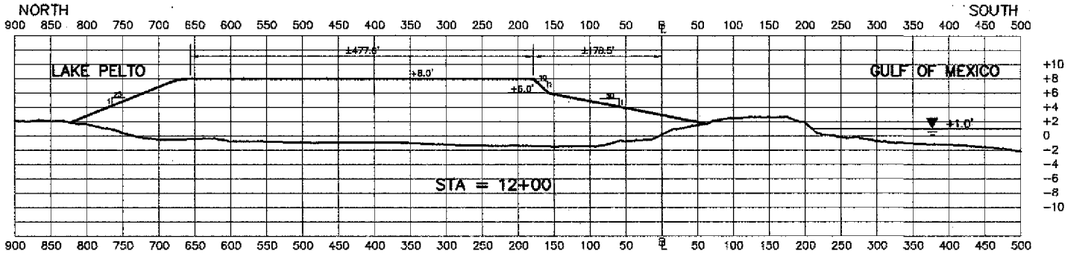
DRAWN	DFB	DRAWING	SNOW	DATE	AUGUST, 1997
CHECKED	MJR	JOB No.	578-96	SCALE	1 = 100

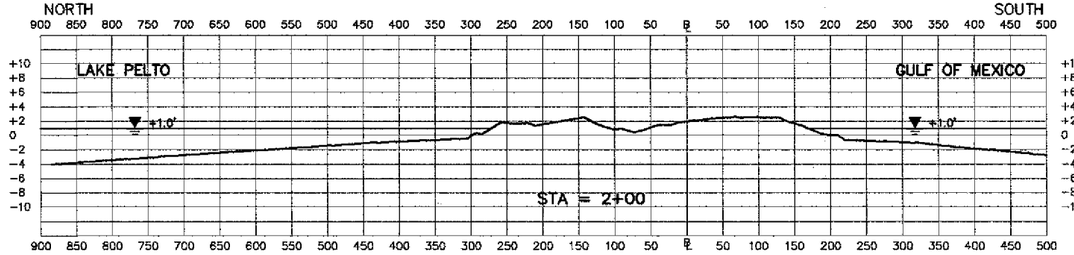
FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	26

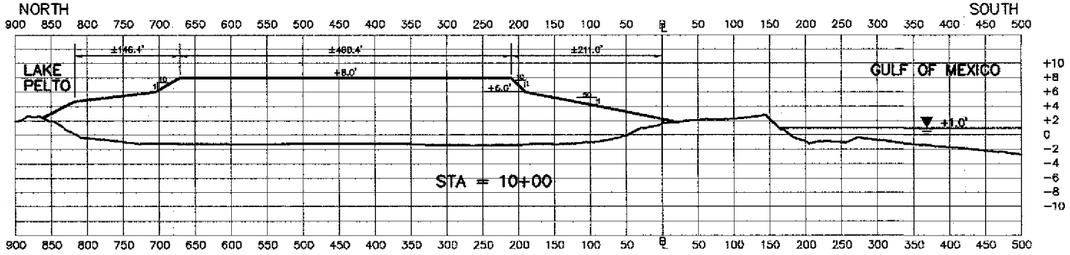


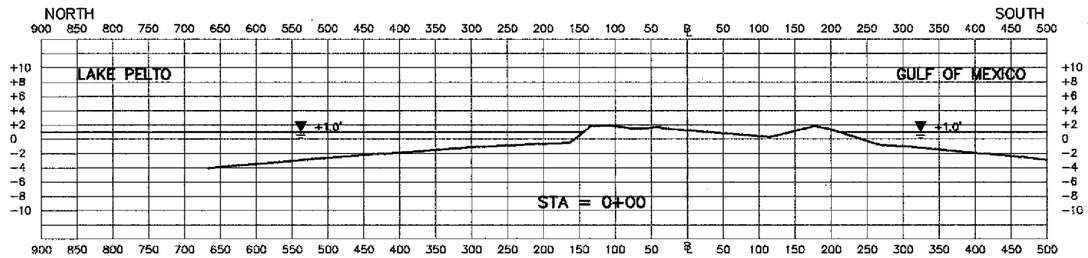


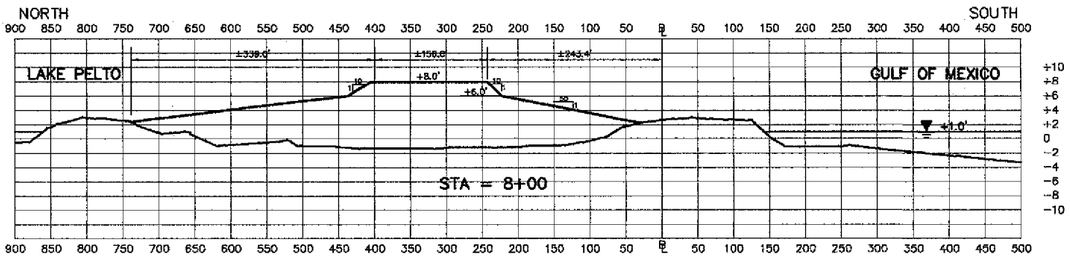












NOTES:

1. CROSS-SECTIONS SHOWN LOOKING EASTERLY
2. ALL ELEVATIONS ARE REFERENCED TO N.G.V.D.

SCALE: HORIZ. 1" = 100'
VERT. 1" = 10'

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
9/8/97
CIVIL ENGINEERING

DRAWING IS ONE-HALF ORIGINAL SCALE

TRINITY ISLAND CROSS-SECTIONS

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

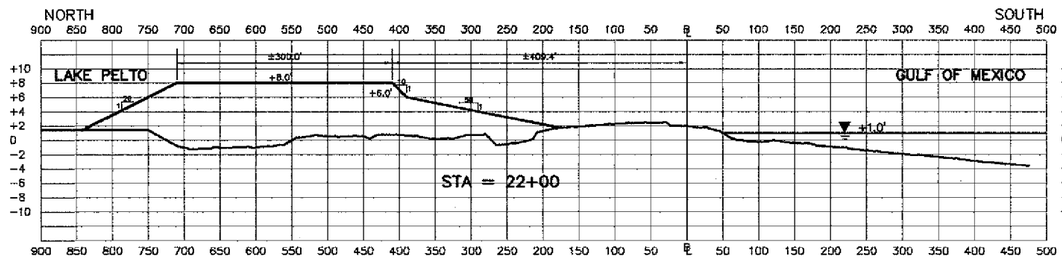
ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND – PHASE 1 & EAST ISLAND PHASE 0

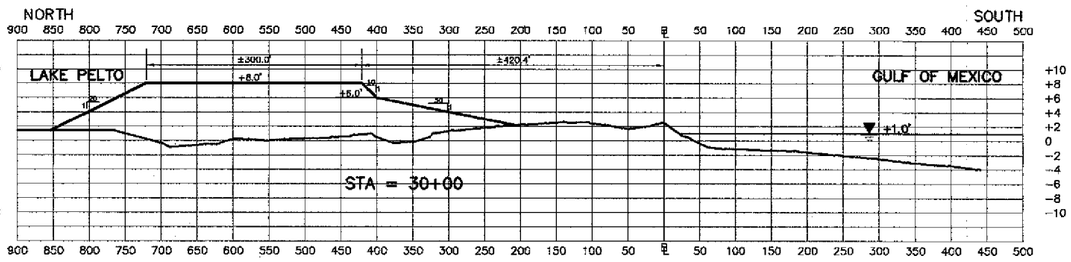
DATE	DESCRIPTION	BY
	REVISIONS	

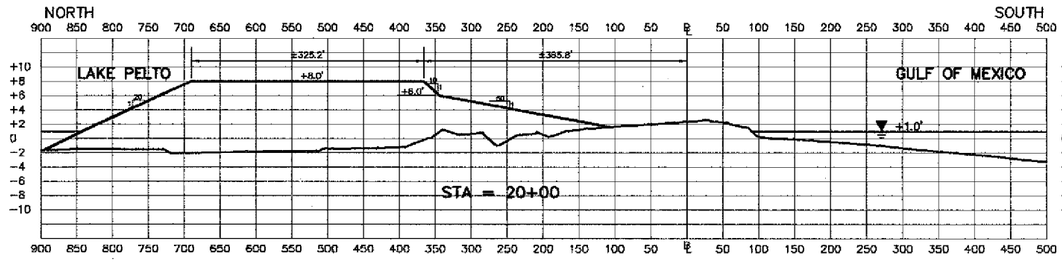
T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS – SURVEYORS – ENVIRONMENTAL SERVICES
P.O. BOX 2266 HOUMA, LOUISIANA 70361

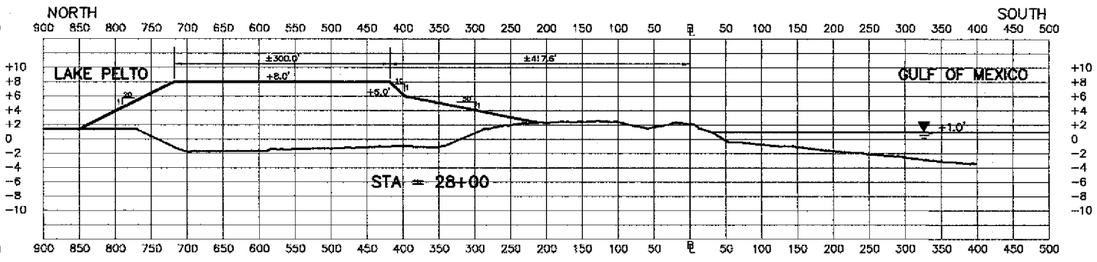
DRAWN	KAP	DRAWING	XSEC01
CHECKED	MJR	JOB No.	578-96
DATE	AUGUST, 1997		
SCALE	1 = 1		

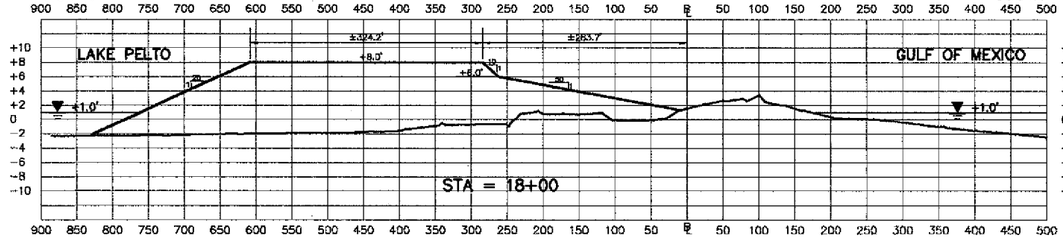
FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	27

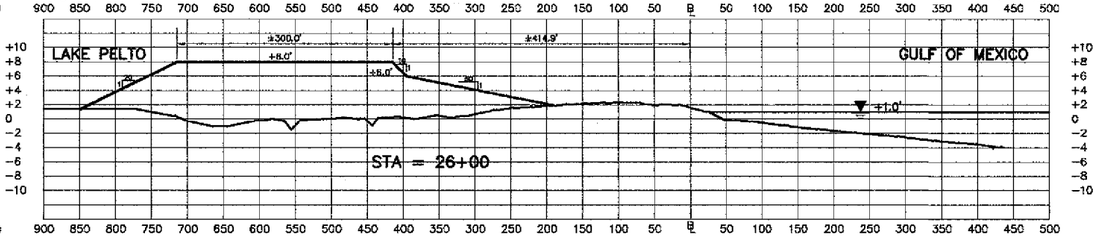


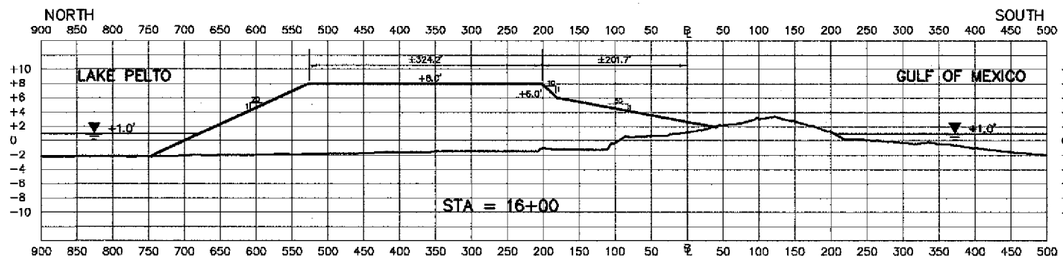


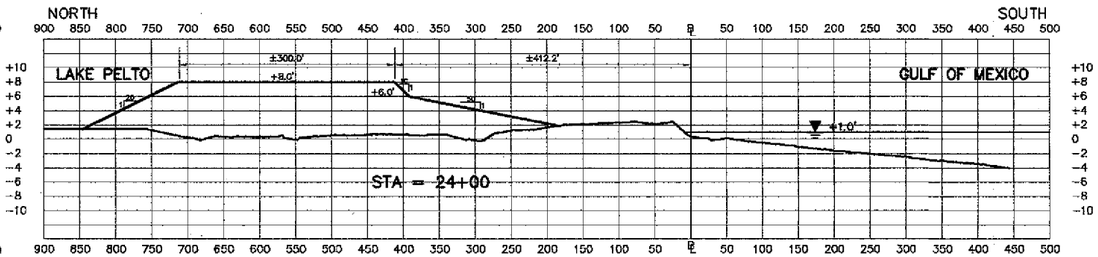












NOTES:
1. CROSS-SECTIONS SHOWN LOOKING EASTERLY
2. ALL ELEVATIONS ARE REFERENCED TO N.G.V.D.

SCALE: HORIZ. 1" = 100'
VERT. 1" = 10'

STATE OF LOUISIANA
MARC J. ROGERS
REG. NO. 16940
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
9/8/99

DRAWING IS ONE-HALF ORIGINAL SCALE

TRINITY ISLAND CROSS-SECTIONS

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

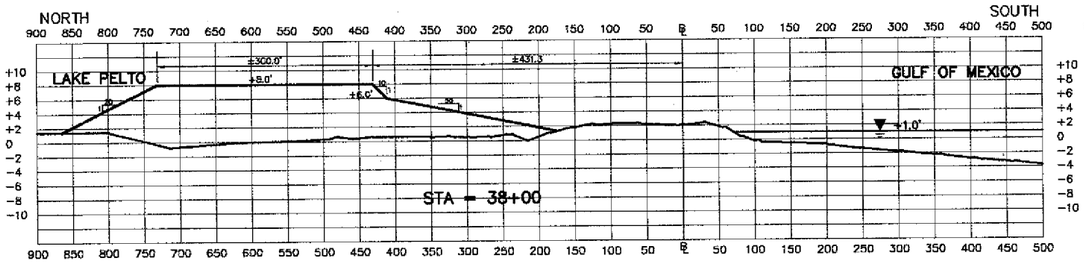
ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND - PHASE 1 & EAST ISLAND PHASE 0

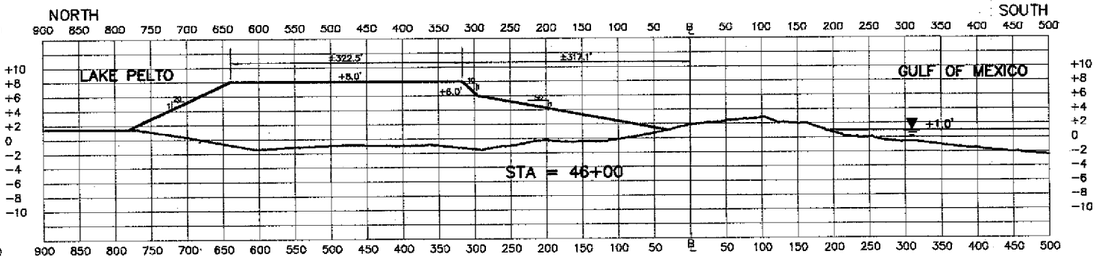
DATE	DESCRIPTION	BY
	REVISIONS	

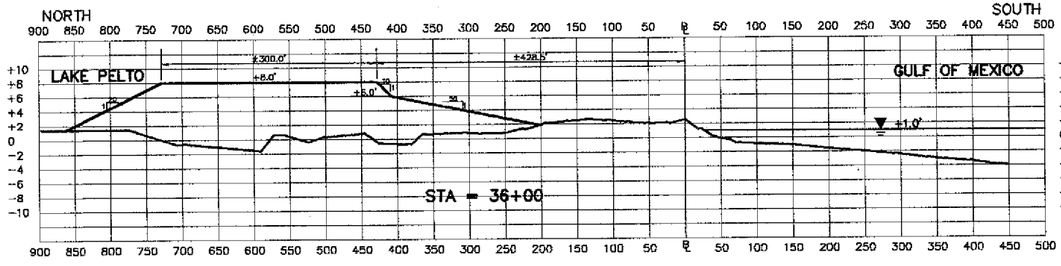
T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2258 HOUMA, LOUISIANA 70361

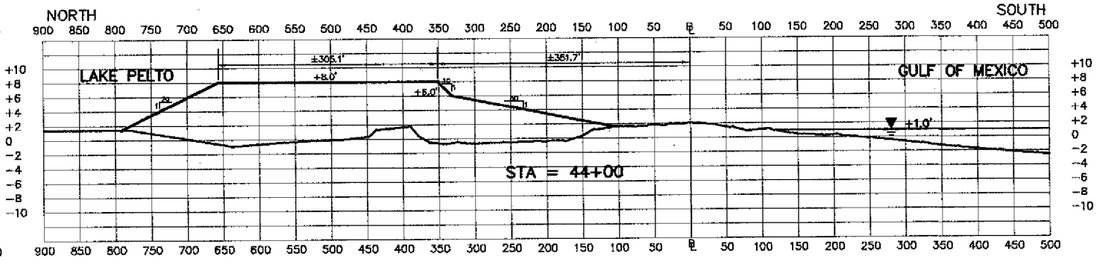
DRAWN	KAP	DRAWING	XSEC02
CHECKED	MJR	JOB No.	578-96
DATE	AUGUST, 1997		
SCALE	1" = 1'		

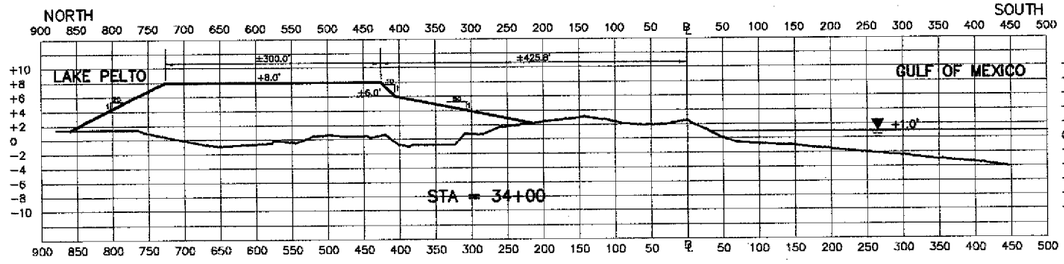
FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	28

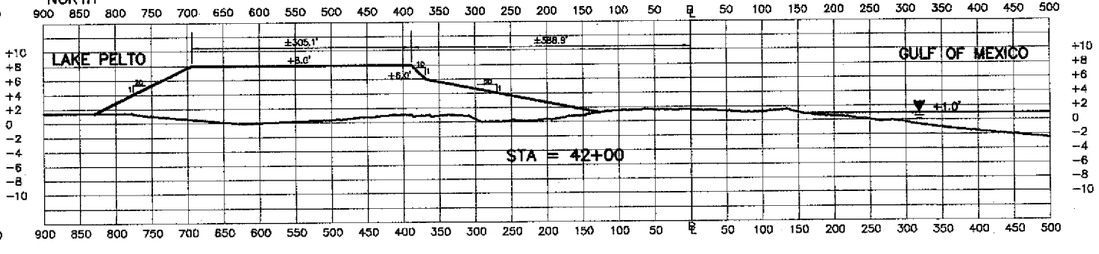


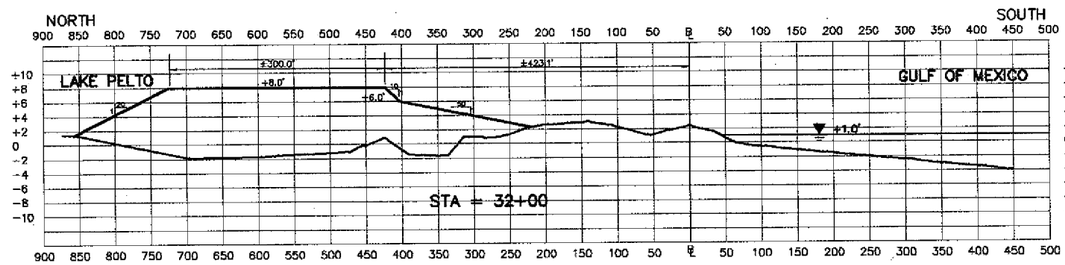


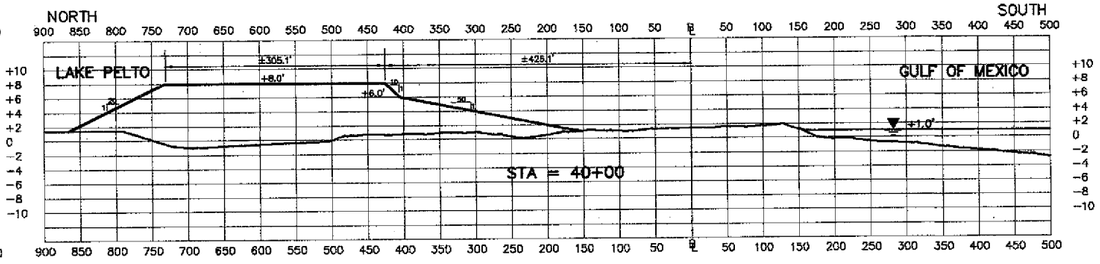












NOTES:
1. CROSS-SECTIONS SHOWN LOOKING EASTERLY
2. ALL ELEVATIONS ARE REFERENCED TO N.G.V.D.

SCALE: HORIZ. 1" = 100'
VERT. 1" = 10'

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
CIVIL ENGINEERING

DRAWING IS ONE-HALF ORIGINAL SCALE

DATE	DESCRIPTION	BY
	REVISIONS	

TRINITY ISLAND CROSS-SECTIONS

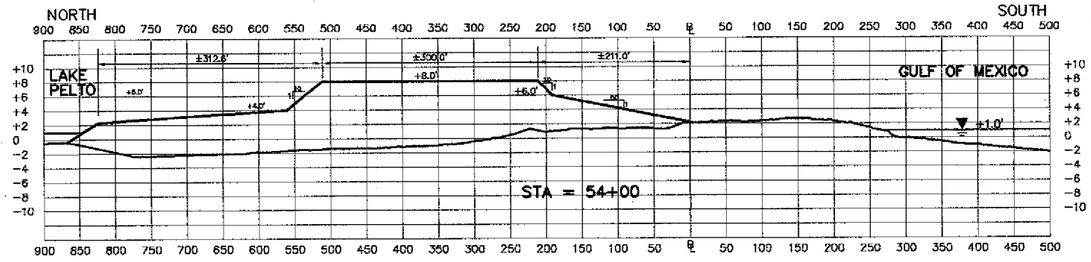
STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

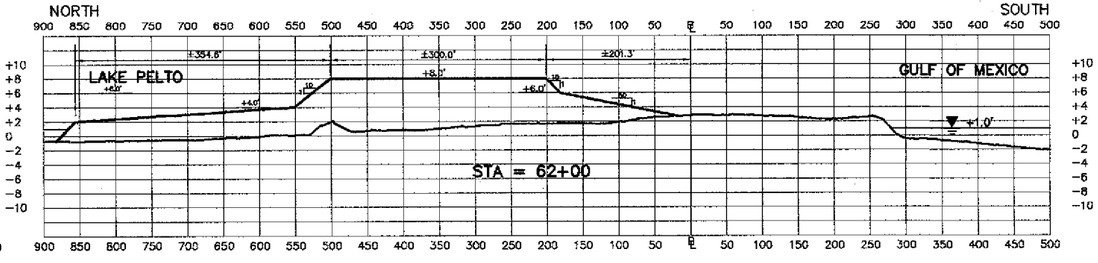
ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND - PHASE 1 & EAST ISLAND PHASE 0

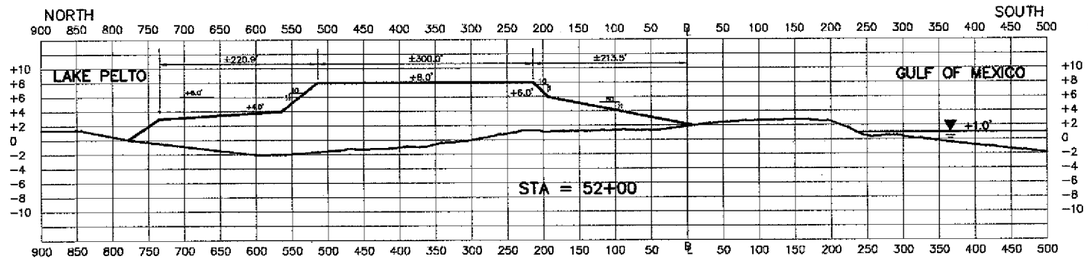
T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2666 HOUMA, LOUISIANA 70361

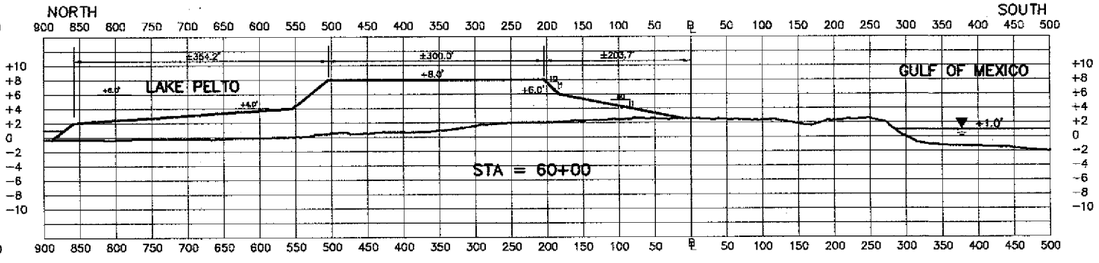
DRAWN	KAP	DRAWING	XSEC03
CHECKED	MJR	JOB No.	578-96
DATE	AUGUST, 1997		
SCALE	1 = 1		

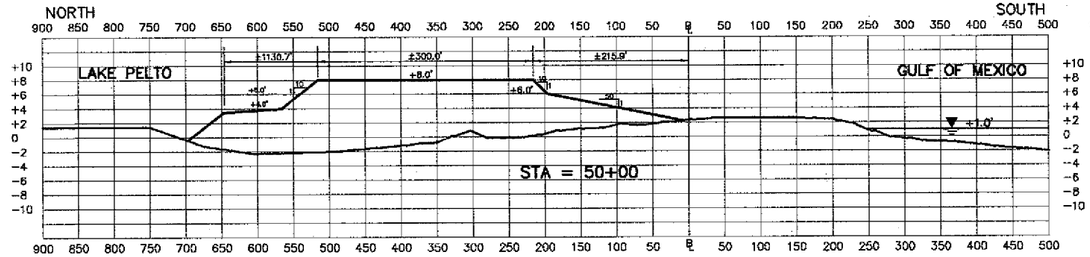
FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	29

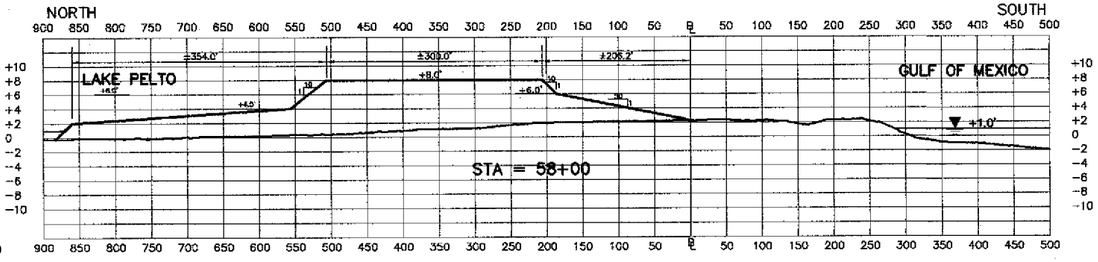


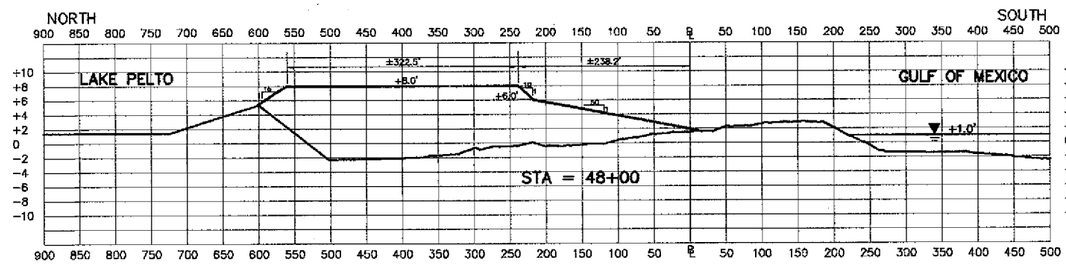


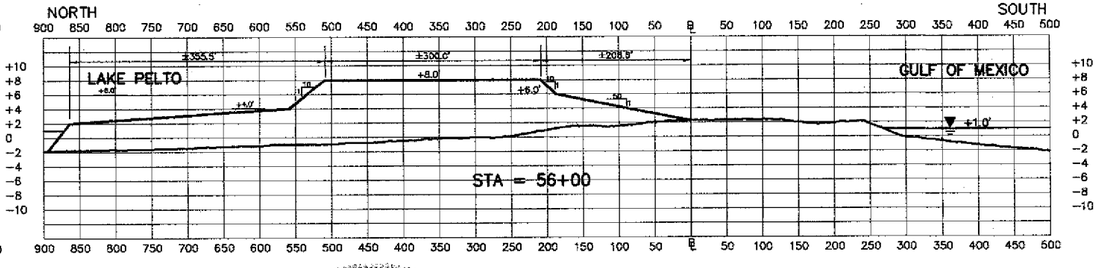












NOTES:
1. CROSS-SECTIONS SHOWN LOOKING EASTERLY
2. ALL ELEVATIONS ARE REFERENCED TO N.G.V.D.

SCALE: HORIZ. 1" = 100'
VERT. 1" = 10'

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
9/8/97

DRAWING IS ONE-HALF ORIGINAL SCALE

DATE	DESCRIPTION	BY
	REVISIONS	

TRINITY ISLAND CROSS-SECTIONS

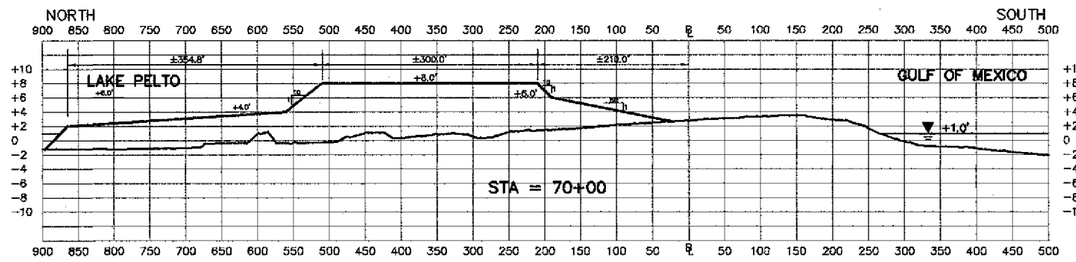
STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

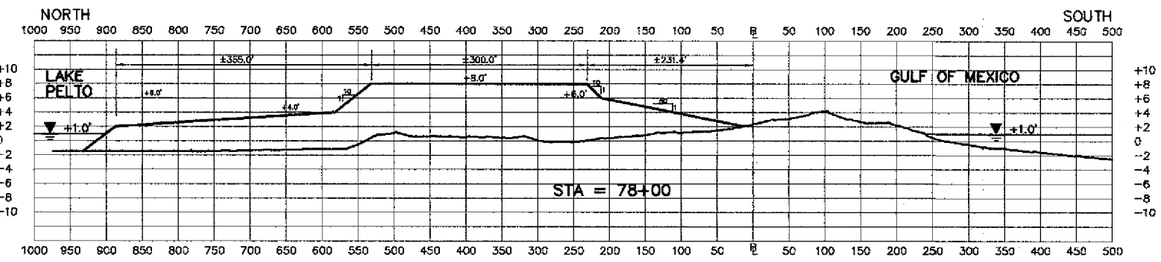
ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND - PHASE 1 & EAST ISLAND PHASE 0

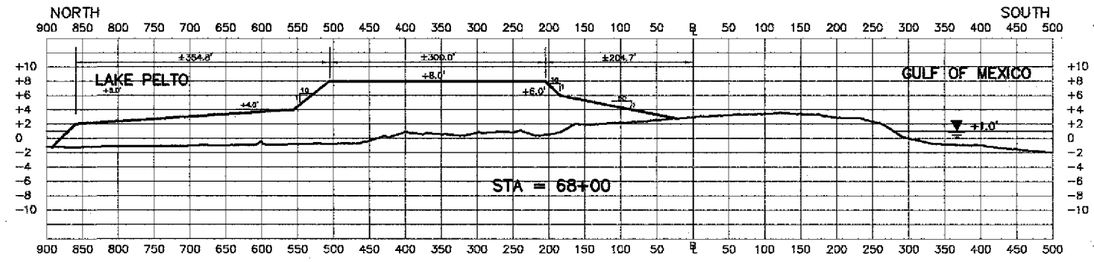
T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2286 HOUMA LOUISIANA 70361

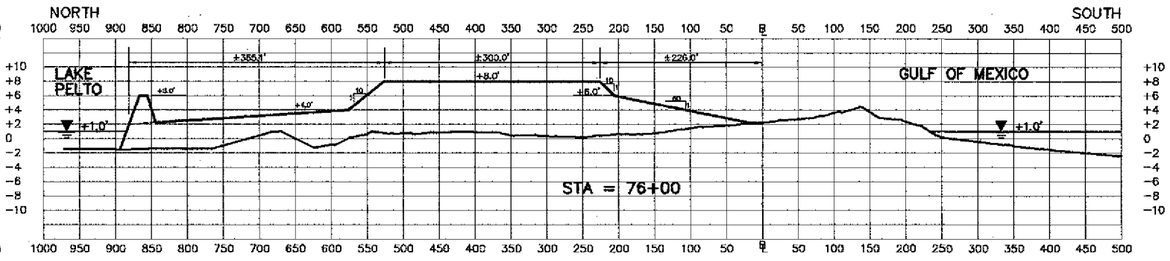
DRAWN	KAP	DRAWING	XSEC04
CHECKED	MJR	JOB No.	578-96
DATE	AUGUST, 1997		
SCALE	1 = 1		

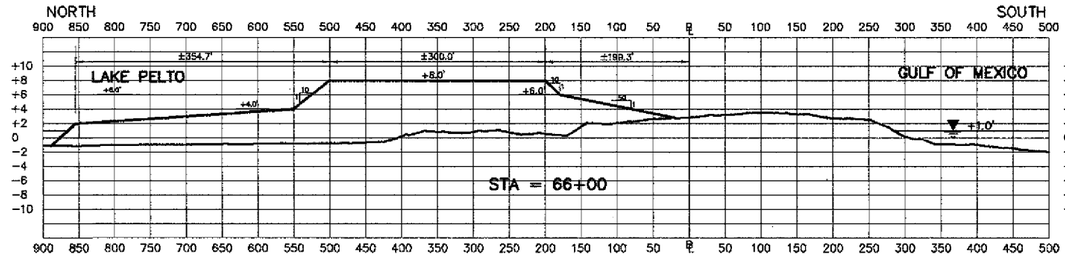
FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	30

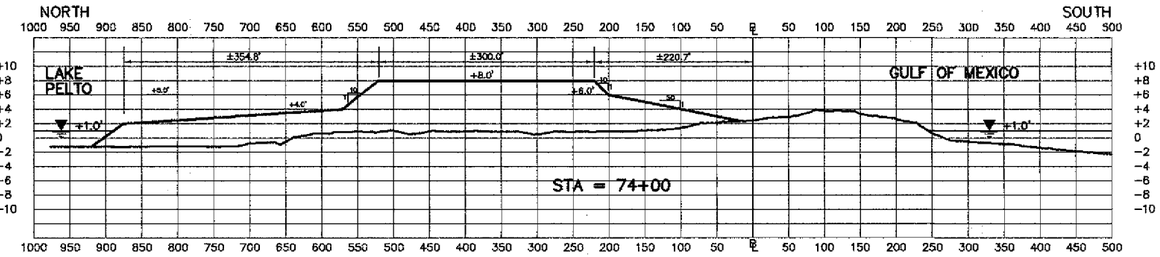


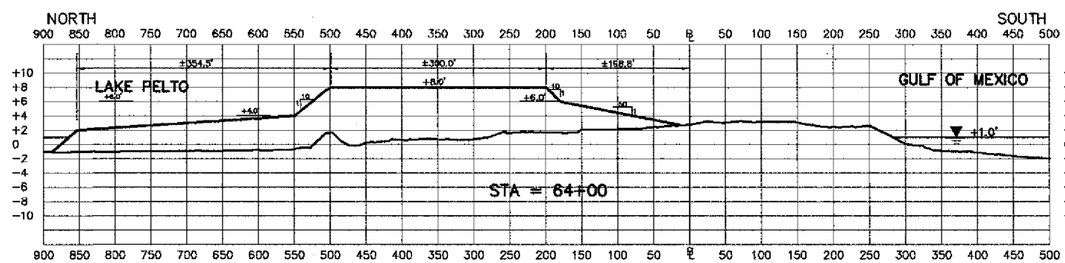


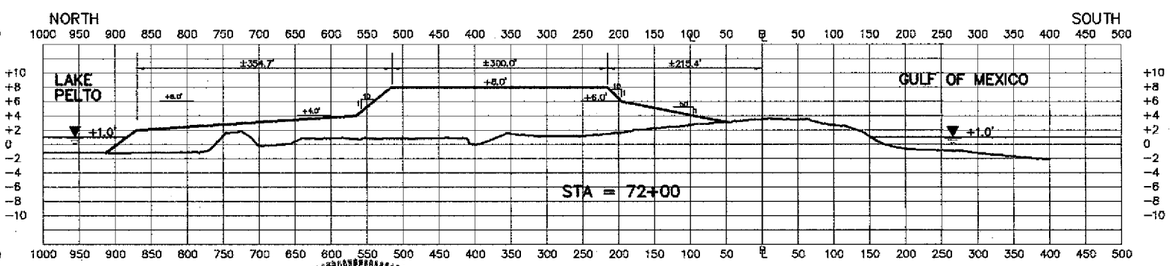












NOTES:

1. CROSS-SECTIONS SHOWN LOOKING EASTERLY
2. ALL ELEVATIONS ARE REFERENCED TO N.G.V.D.

SCALE: HORIZ. 1" = 100'
VERT. 1" = 10'

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
9/8/97
CIVIL ENGINEERING

DRAWING IS ONE-HALF ORIGINAL SCALE

TRINITY ISLAND CROSS-SECTIONS

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

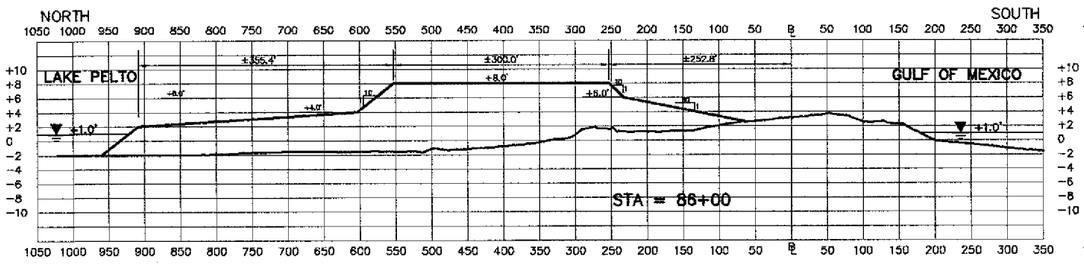
ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND - PHASE 1 & EAST ISLAND PHASE 0

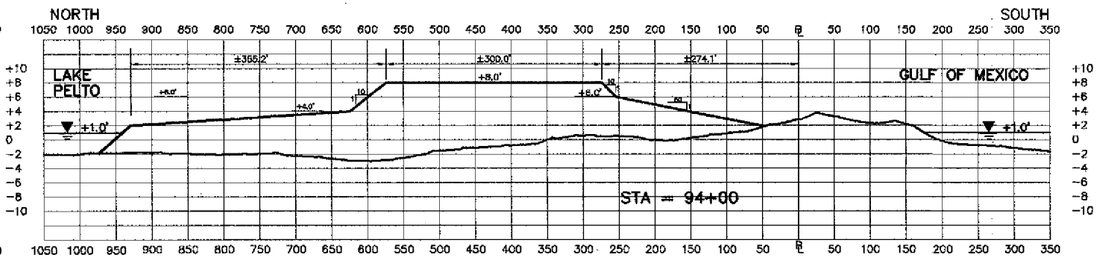
DATE	DESCRIPTION	BY
	REVISIONS	

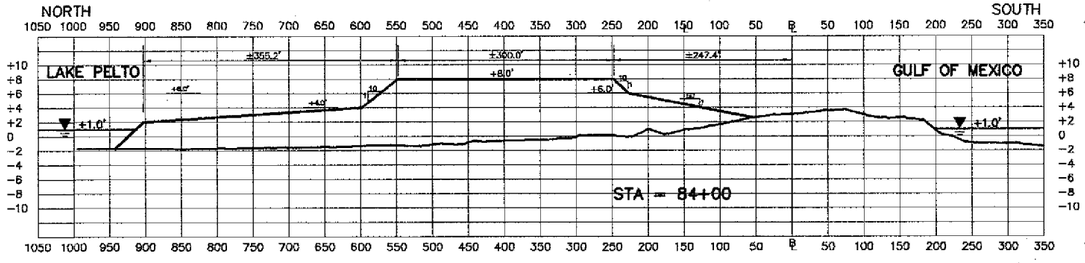
T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2266 HOUMA, LOUISIANA 70361

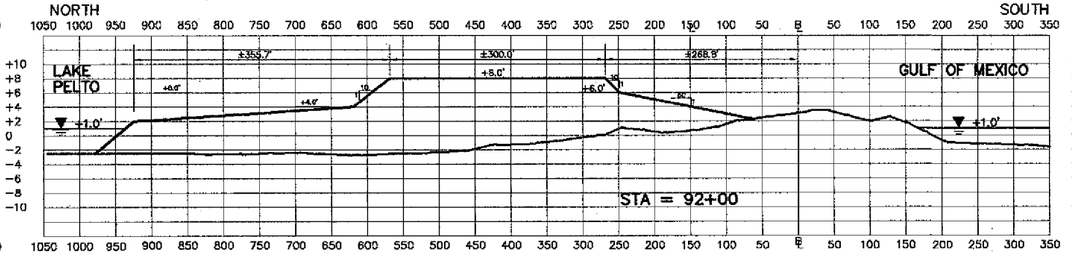
DRAWN	KAP	DRAWING	XSEC05
CHECKED	MJR	JOB No.	578-96
DATE	AUGUST, 1997		
SCALE	1 = 1		

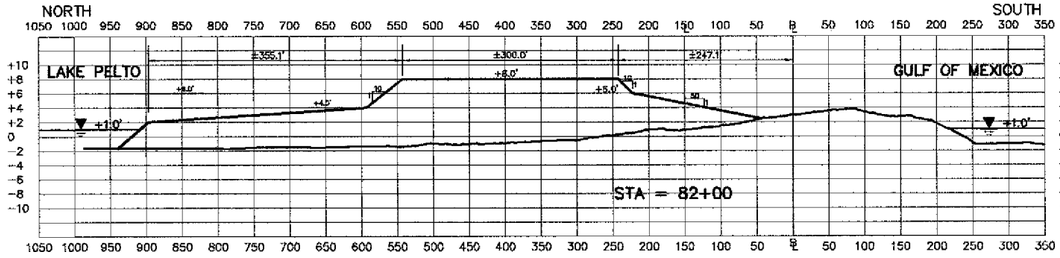
FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	31

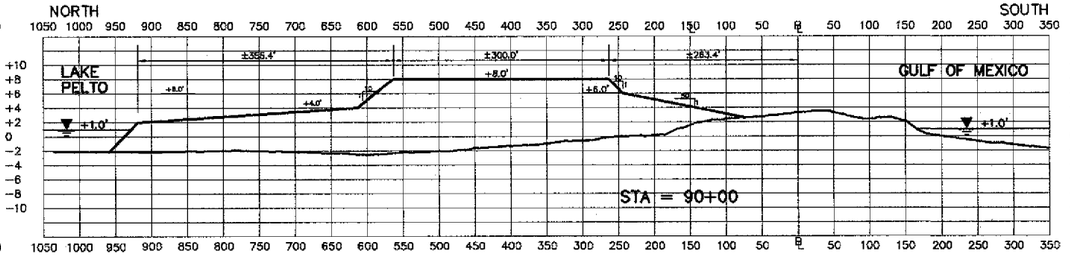


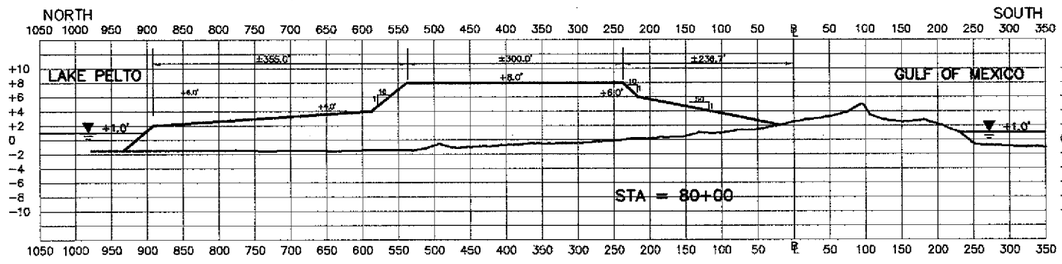


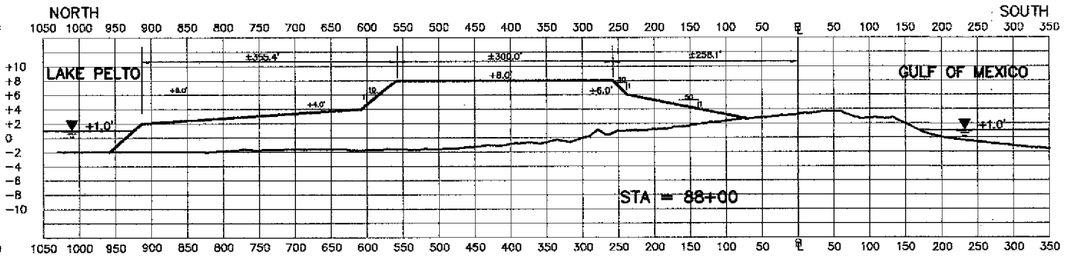












NOTES:
1. CROSS-SECTIONS SHOWN LOOKING EASTERLY
2. ALL ELEVATIONS ARE REFERENCED TO N.G.V.D.

SCALE: HORIZ. 1" = 100'
VERT. 1" = 10'

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
9/8/97

DRAWING IS ONE-HALF ORIGINAL SCALE

TRINITY ISLAND CROSS-SECTIONS

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

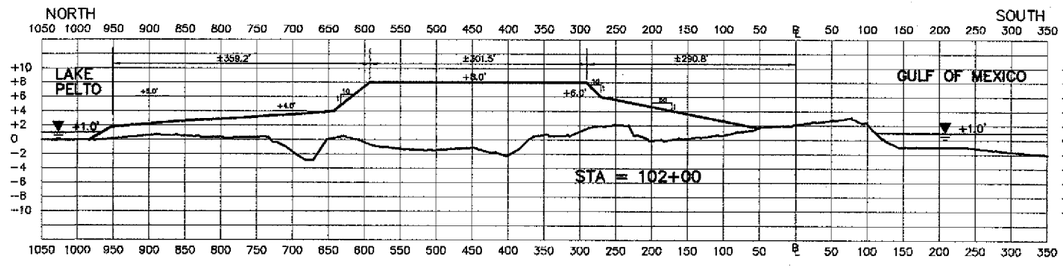
ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND - PHASE 1 & EAST ISLAND PHASE 0

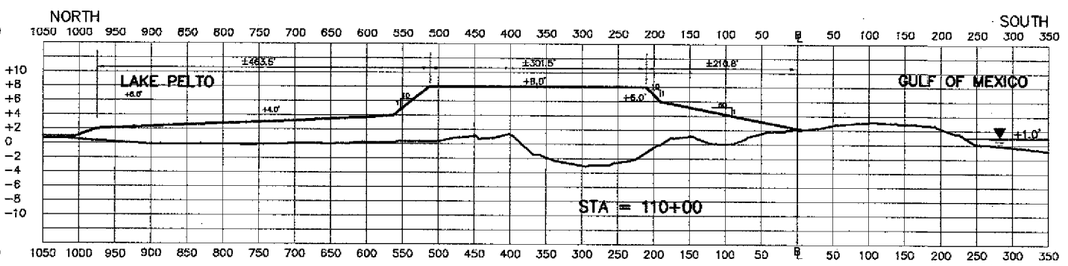
DATE	DESCRIPTION	BY
	REVISIONS	

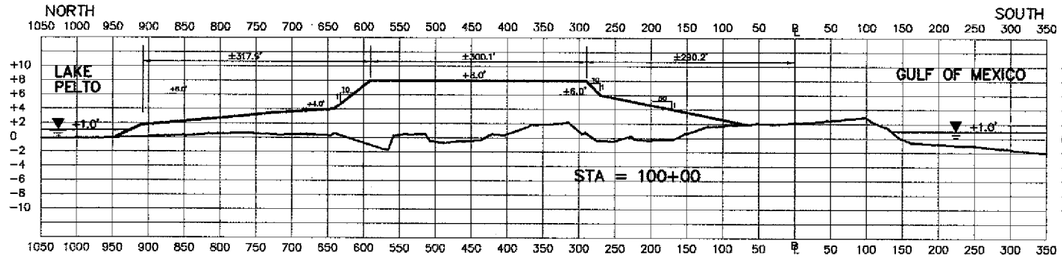
T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2286 HOUMA, LOUISIANA 70361

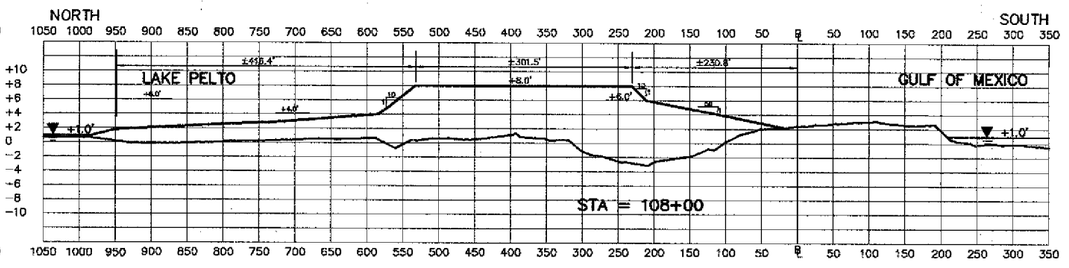
DRAWN	KAP	DRAWING	XSEC06
CHECKED	MJR	JOB No.	578-96
DATE	AUGUST, 1997		
SCALE	1 = 1		

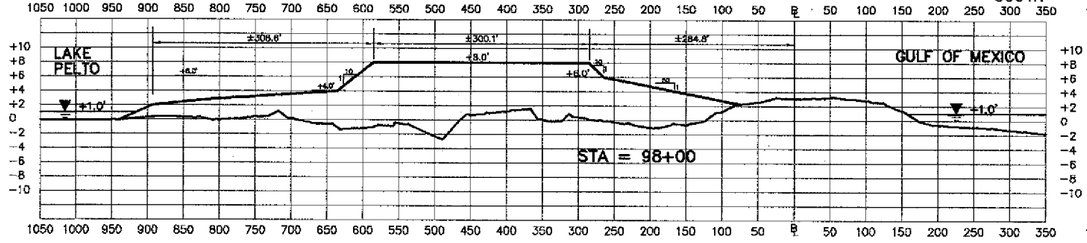
FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	32

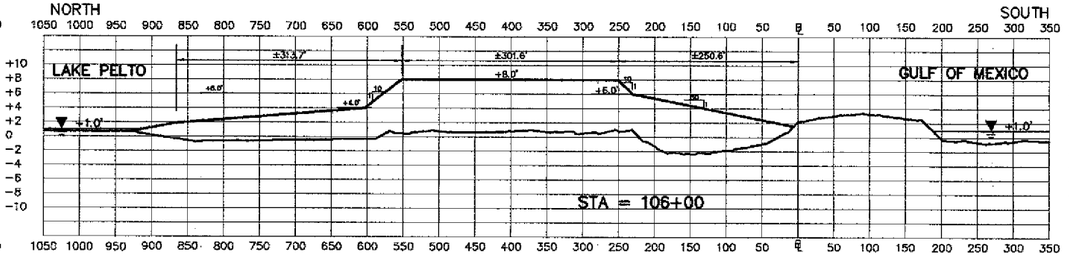


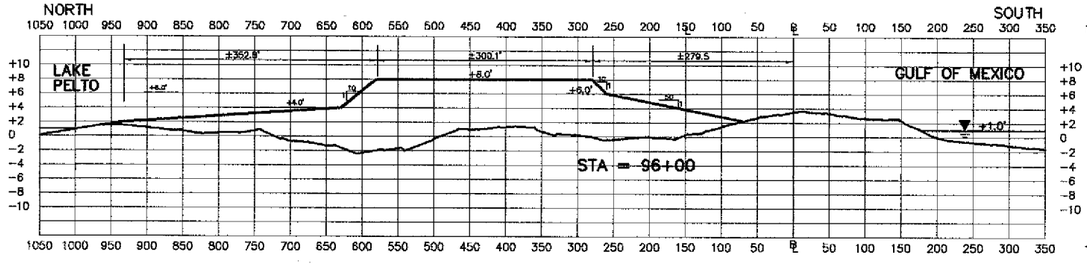


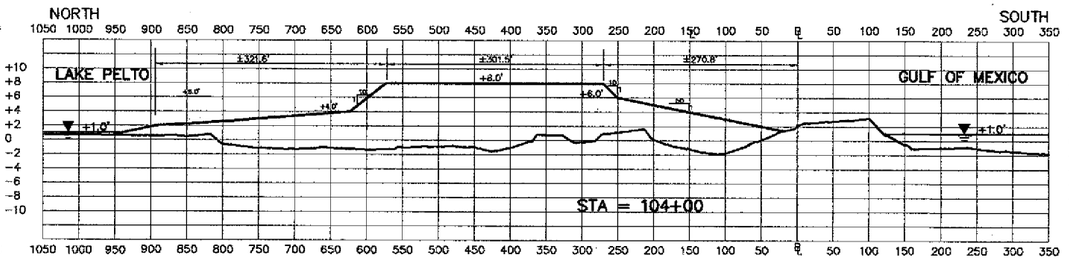












NOTES:

1. CROSS-SECTIONS SHOWN LOOKING EASTERLY
2. ALL ELEVATIONS ARE REFERENCED TO N.G.V.D.

SCALE: HORIZ. 1" = 100'
VERT. 1" = 10'

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
1/8/97
CIVIL ENGINEERING

DRAWING IS ONE-HALF ORIGINAL SCALE

DATE	DESCRIPTION	BY
	REVISIONS	

TRINITY ISLAND CROSS-SECTIONS

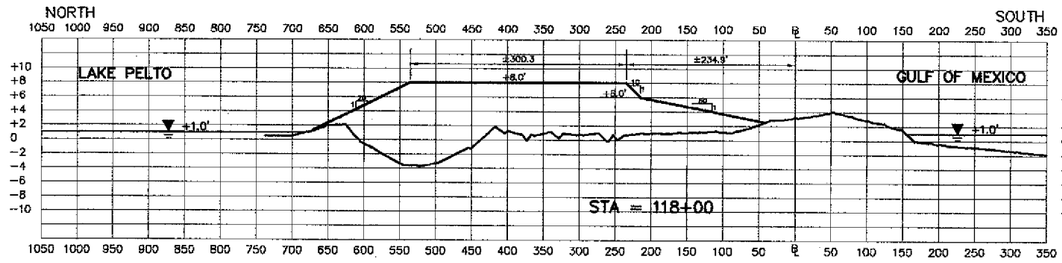
STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

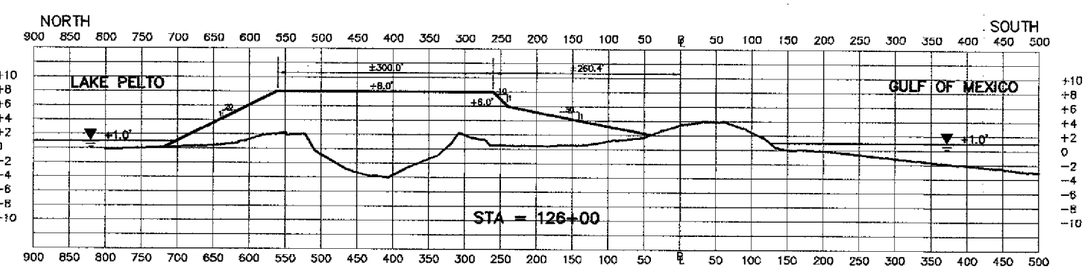
ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND – PHASE 1 & EAST ISLAND PHASE 0

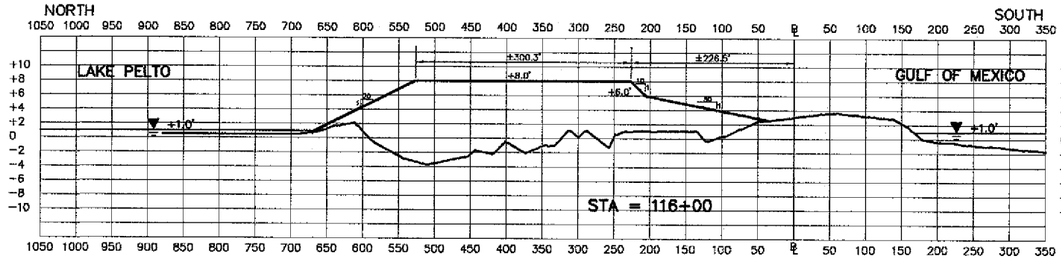
T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2266 HOUMA, LOUISIANA 70361

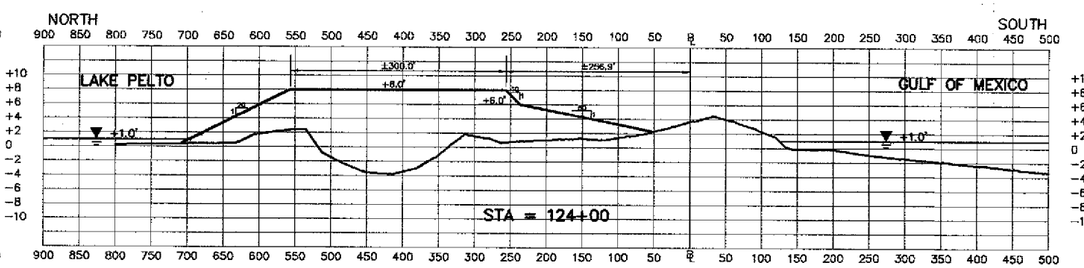
DRAWN	KAP	DRAWING	XSEC07
CHECKED	MJR	JOB No.	578-96
DATE	AUGUST, 1997		
SCALE	1 = 1		

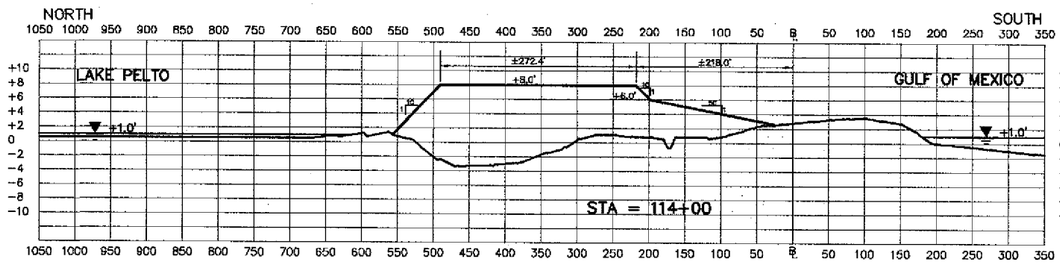
FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	33

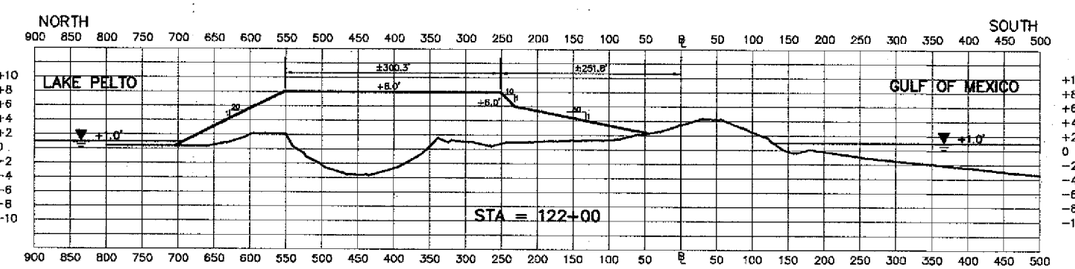


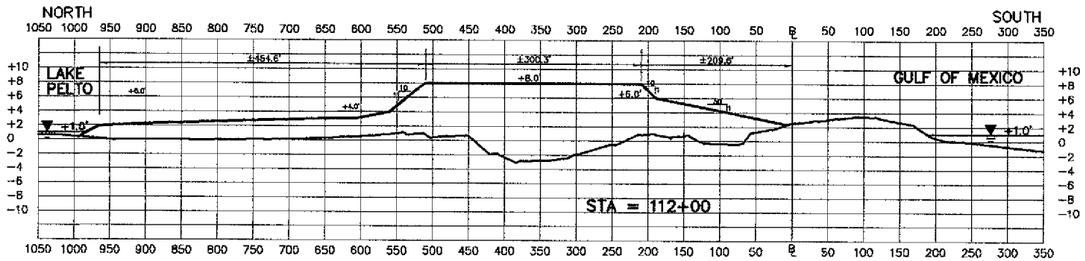


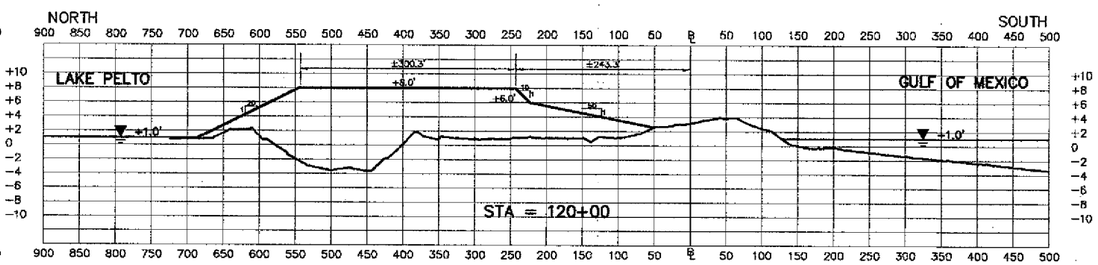












NOTES:

1. CROSS-SECTIONS SHOWN LOOKING EASTERLY
2. ALL ELEVATIONS ARE REFERENCED TO N.G.V.D.

SCALE: HORIZ. 1" = 100'
VERT. 1" = 10'

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
9/8/97
CIVIL ENGINEERING

DRAWING IS ONE-HALF ORIGINAL SCALE

TRINITY ISLAND CROSS-SECTIONS

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

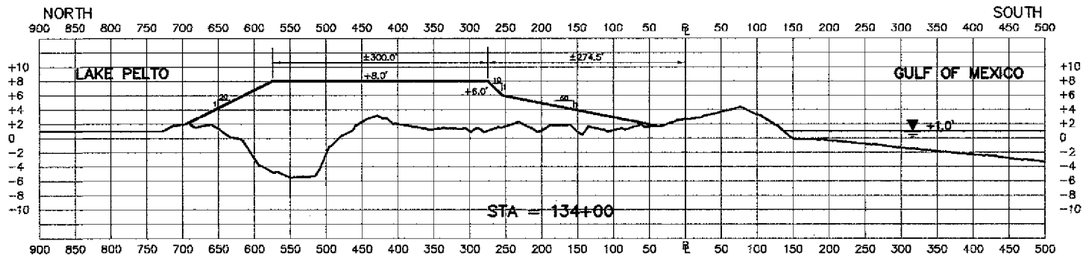
ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND - PHASE 1 & EAST ISLAND PHASE 0

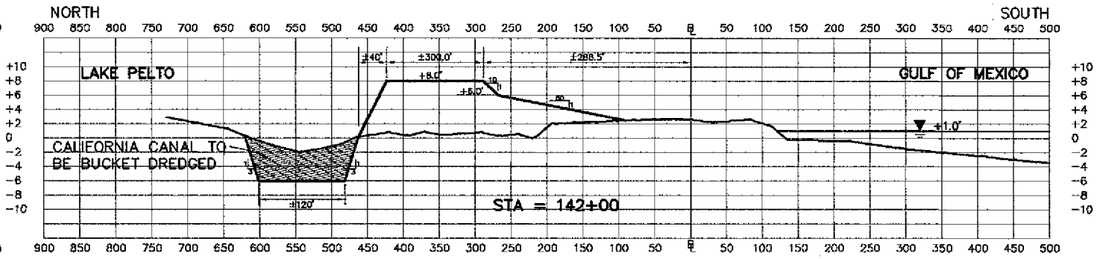
DATE	DESCRIPTION REVISIONS	BY

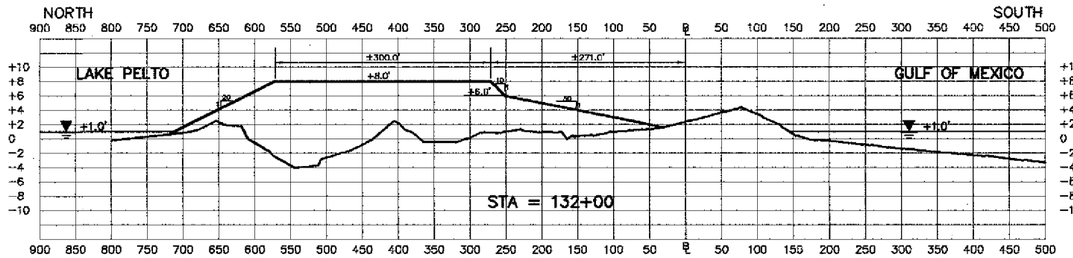
T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2266 HOUMA, LOUISIANA 70361

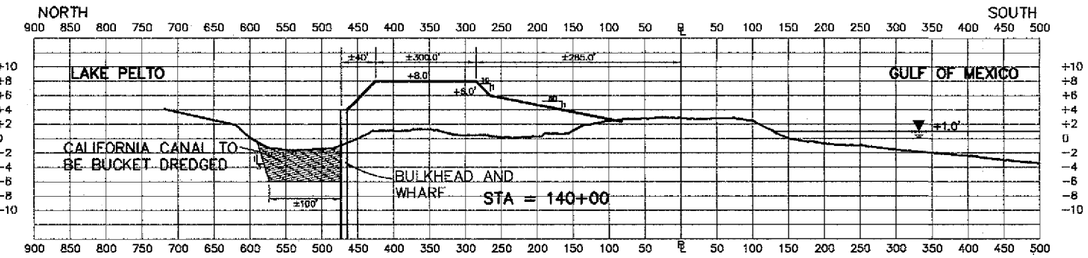
DRAWN KAP	DRAWING XSEC08	DATE AUGUST, 1997	
CHECKED MJR	JOB No. 578-96	SCALE 1 = 1	

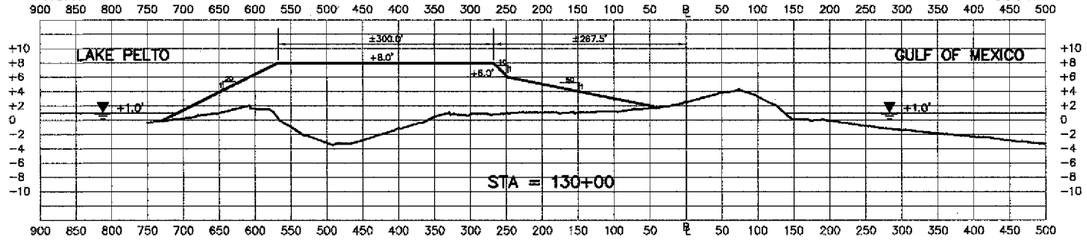
FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	34

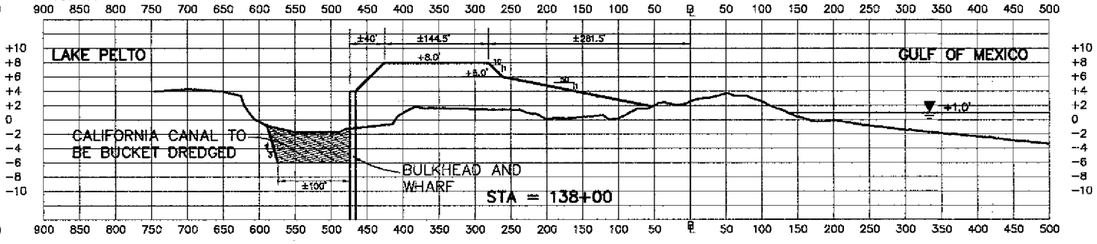


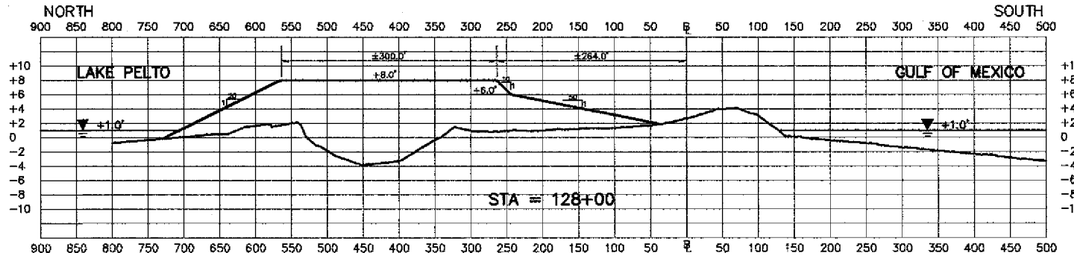


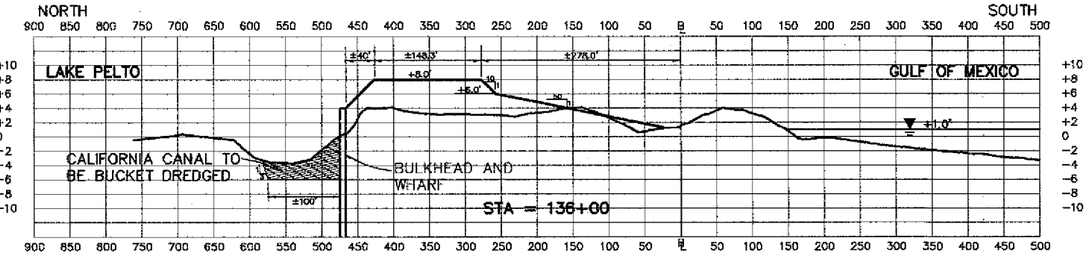












NOTES:
1. CROSS-SECTIONS SHOWN LOOKING EASTERLY
2. ALL ELEVATIONS ARE REFERENCED TO N.G.V.D.

SCALE: HORIZ. 1" = 100'
VERT. 1" = 10'

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
9/8/97

DRAWING IS ONE-HALF ORIGINAL SCALE

TRINITY ISLAND CROSS-SECTIONS

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

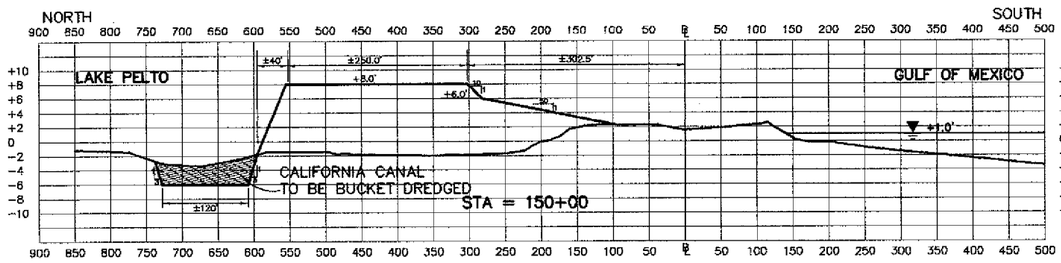
ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND - PHASE 1 & EAST ISLAND PHASE 0

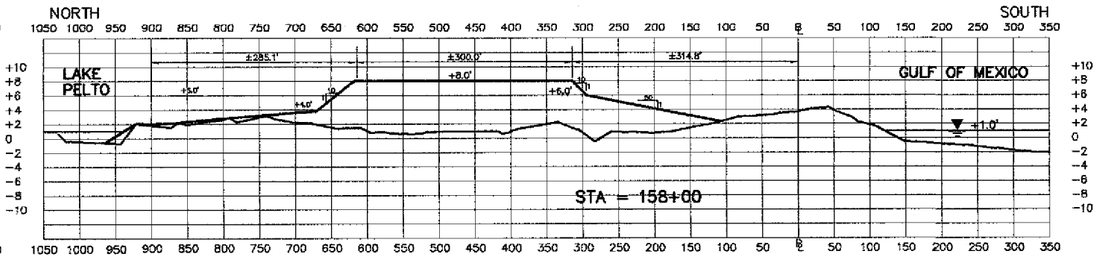
DATE	DESCRIPTION	BY
	REVISIONS	

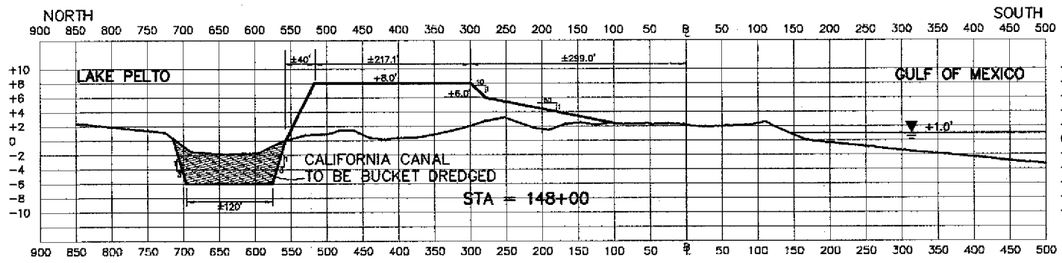
T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2996 HOUMA, LOUISIANA 70361

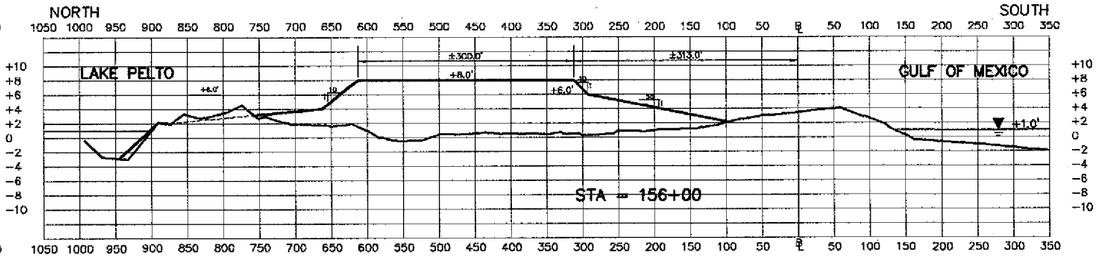
DRAWN	KAP	DRAWING	XSEC09
CHECKED	MJR	JOB No.	578-96
DATE	AUGUST, 1997		
SCALE	1 = 1		

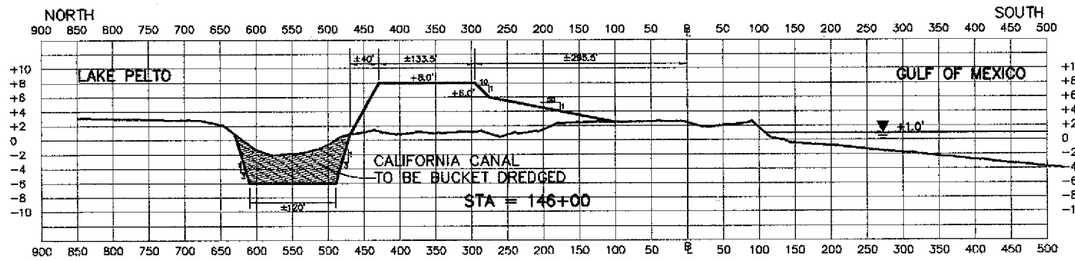
FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	35

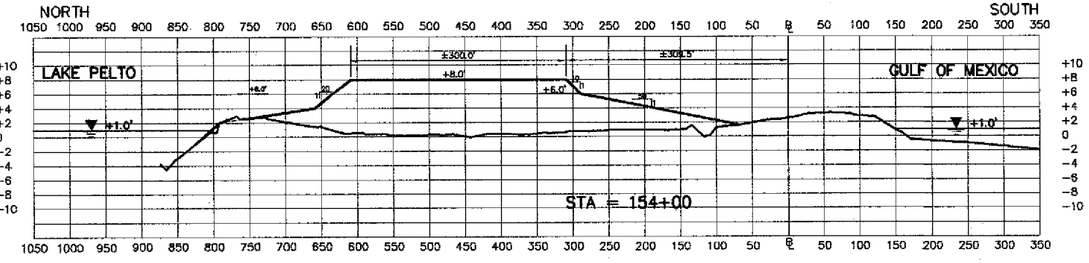


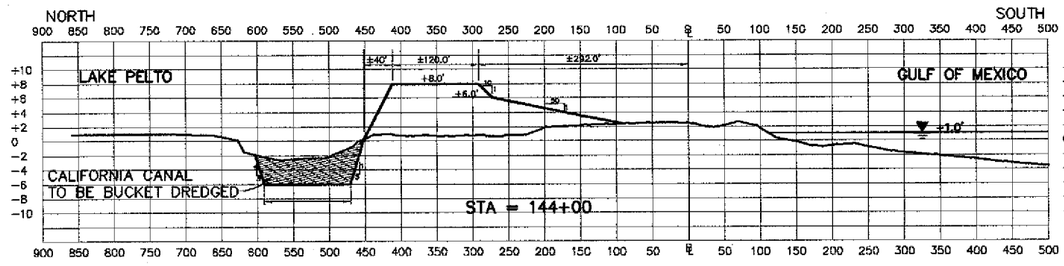


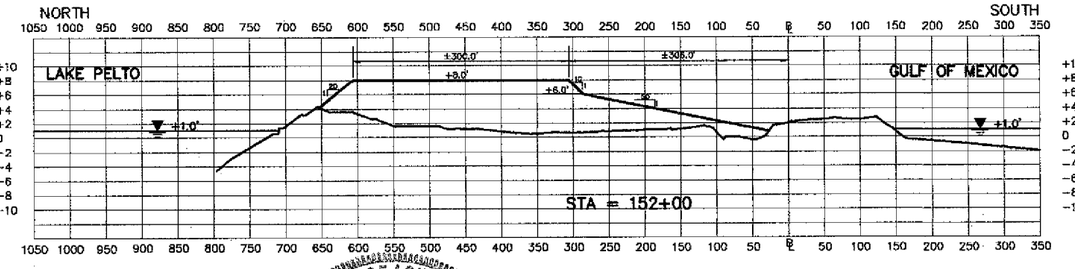












NOTES:
1. CROSS-SECTIONS SHOWN LOOKING EASTERLY
2. ALL ELEVATIONS ARE REFERENCED TO N.G.V.D.

SCALE: HORIZ. 1" = 100'
VERT. 1" = 10'

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
9/8/97

DRAWING IS ONE-HALF ORIGINAL SCALE

TRINITY ISLAND CROSS-SECTIONS

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

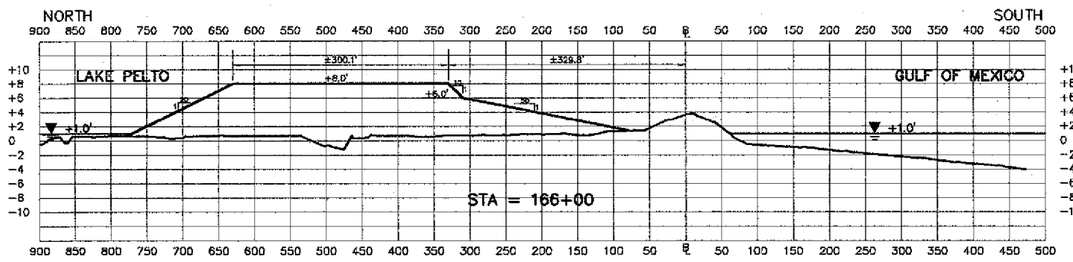
ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND – PHASE 1 & EAST ISLAND PHASE D

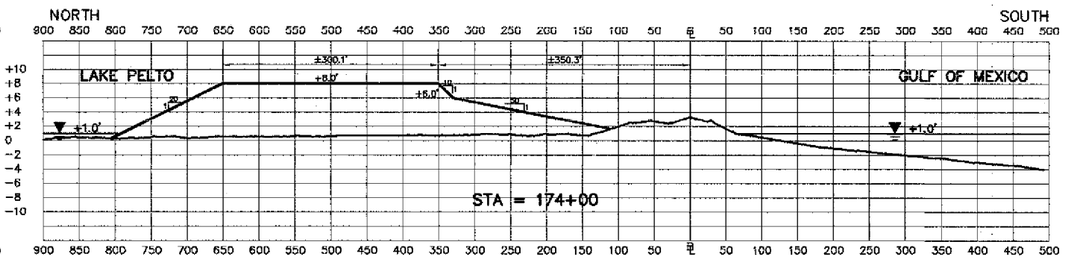
T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2666 HOUMA, LOUISIANA 70361

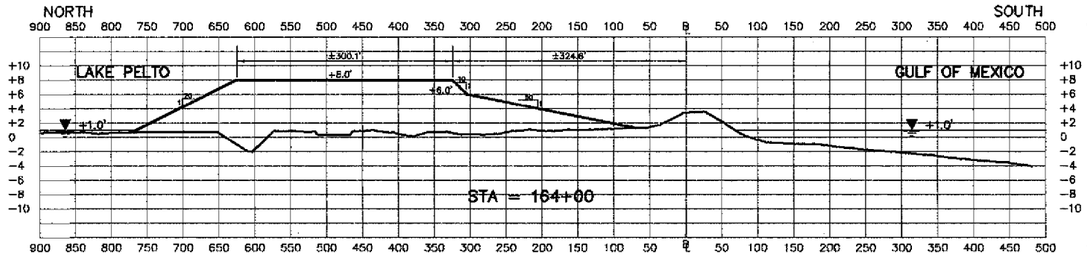
DATE	DESCRIPTION	BY
	REVISIONS	

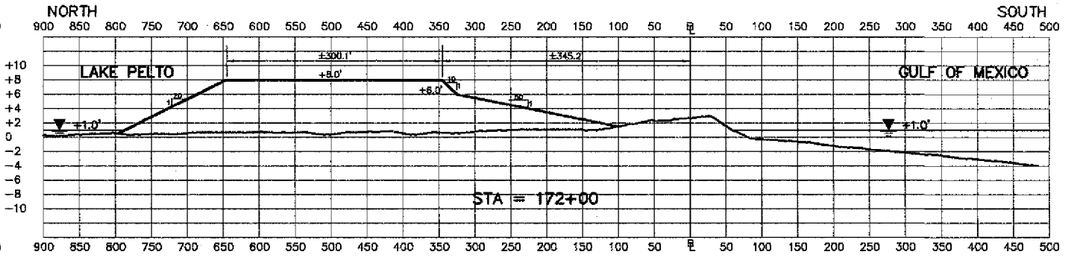
DRAWN	KAP	DRAWING	XSEC10
CHECKED	MJR	JOB No.	578-96
DATE	AUGUST, 1997		
SCALE	1 = 1		

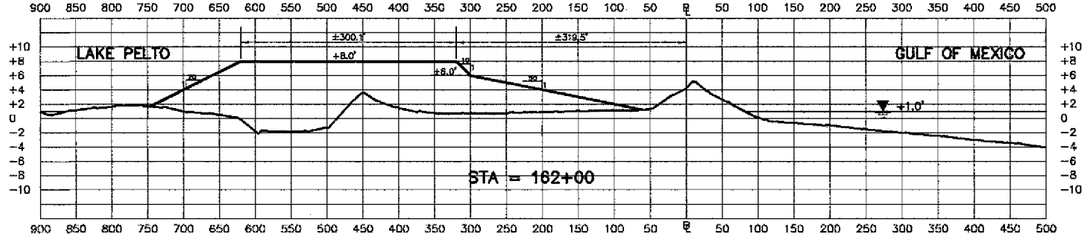
FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	38

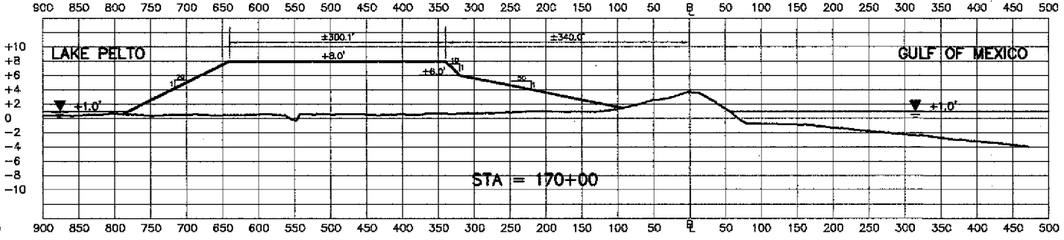


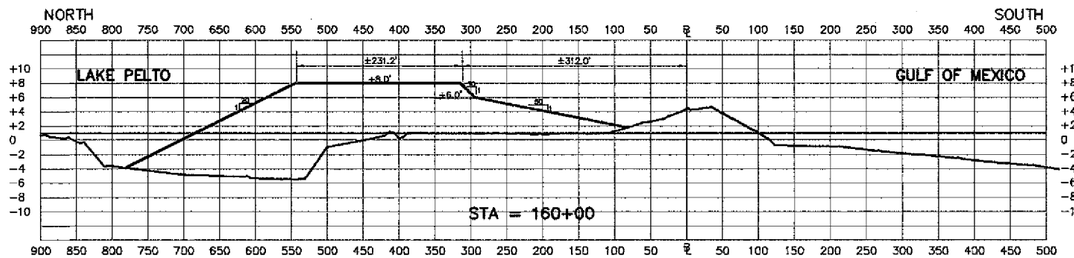


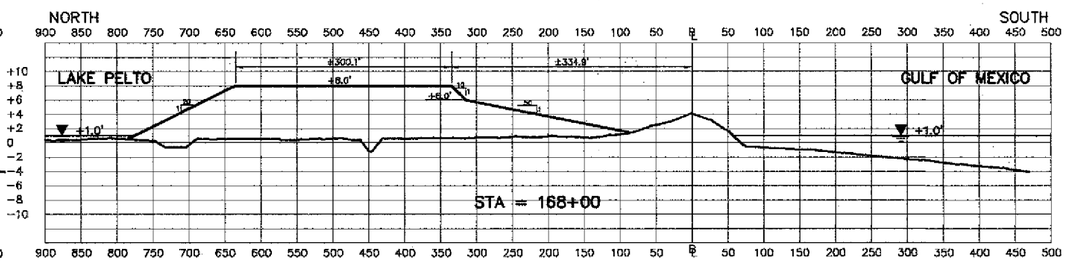












NOTES:
1. CROSS-SECTIONS SHOWN LOOKING EASTERLY
2. ALL ELEVATIONS ARE REFERENCED TO N.G.V.D.

SCALE: HORIZ. 1" = 100'
VERT. 1" = 10'

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
9/8/97

DRAWING IS ONE-HALF ORIGINAL SCALE

TRINITY ISLAND CROSS-SECTIONS

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

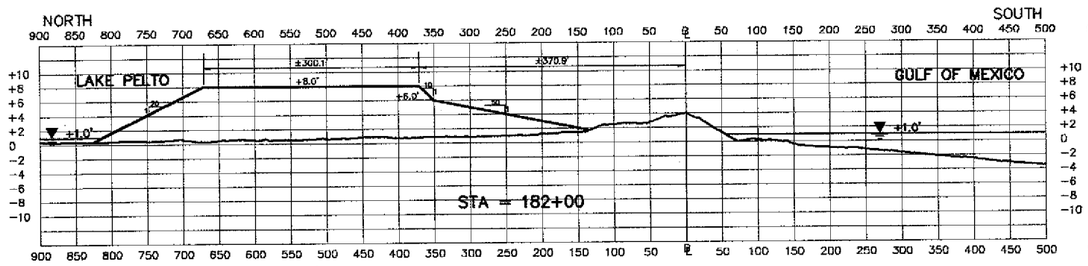
ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND - PHASE 1 & EAST ISLAND PHASE 0

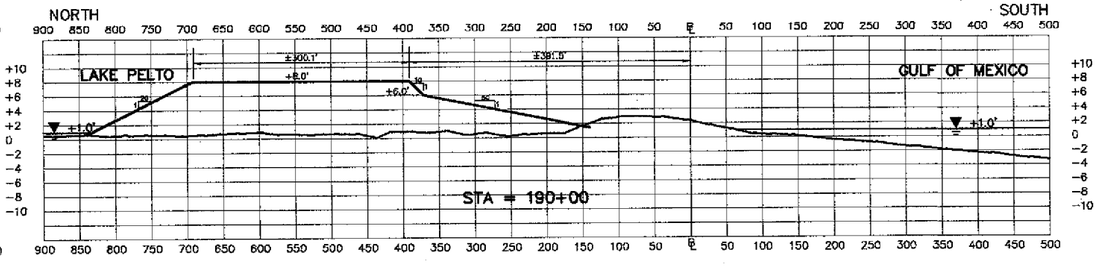
DATE	DESCRIPTION	BY
	REVISIONS	

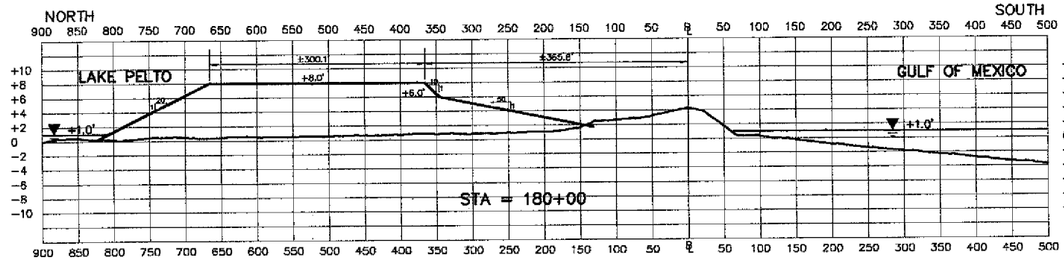
T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2290 HOUMA, LOUISIANA 70361

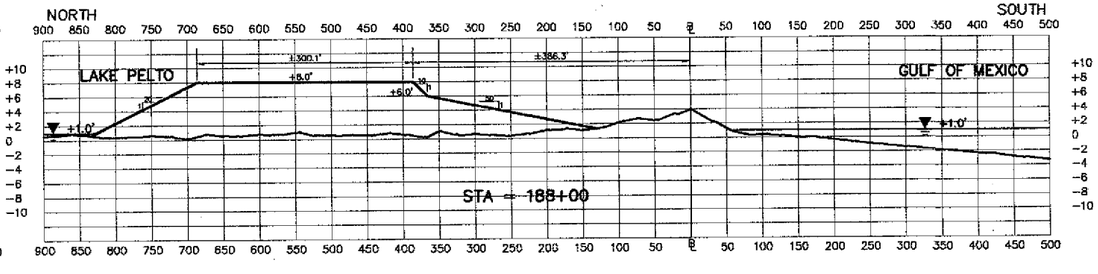
DRAWN	KAP	DRAWING	XSEC11
CHECKED	MJR	JOB No.	578-96
DATE	AUGUST, 1997		
SCALE	1 = 1		

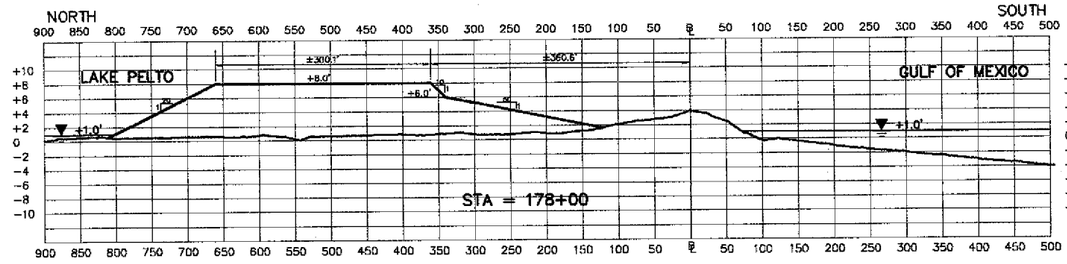
FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	37

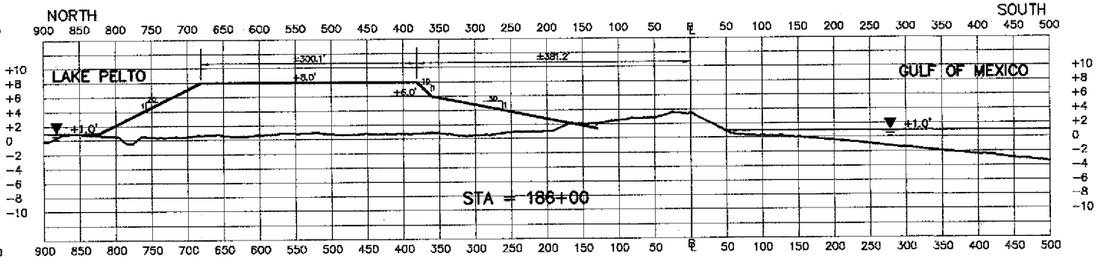


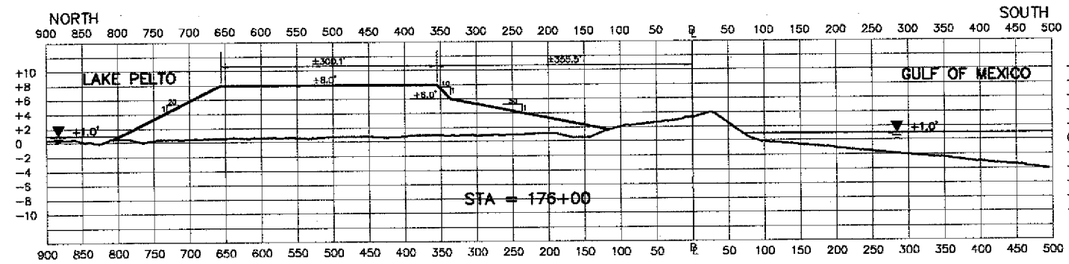


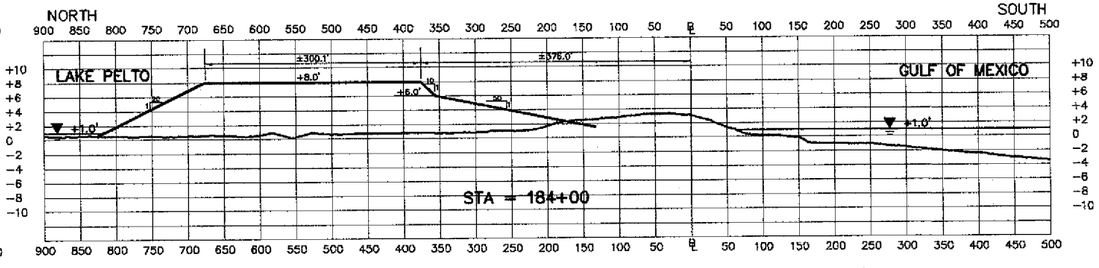












NOTES:
1. CROSS-SECTIONS SHOWN LOOKING EASTERLY
2. ALL ELEVATIONS ARE REFERENCED TO N.G.V.D.

SCALE: HORIZ. 1" = 100'
VERT. 1" = 10'

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
9/18/97
CIVIL ENGINEERING

DRAWING IS ONE-HALF ORIGINAL SCALE

TRINITY ISLAND CROSS-SECTIONS

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

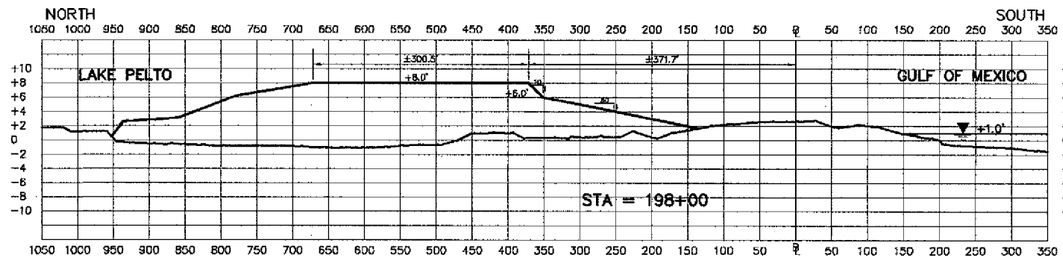
ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND - PHASE 1 & EAST ISLAND PHASE 0

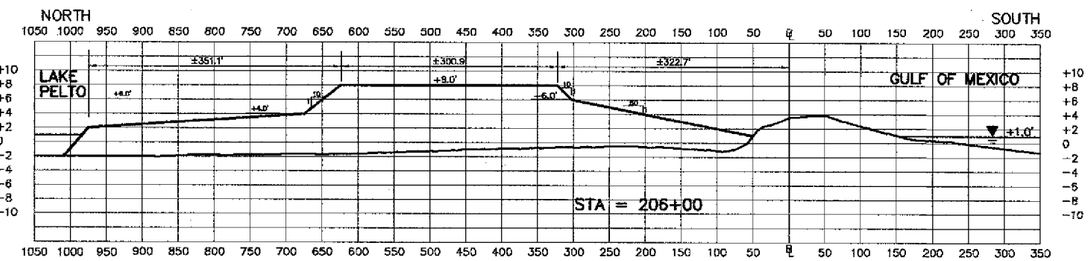
DATE	DESCRIPTION	BY
	REVISIONS	

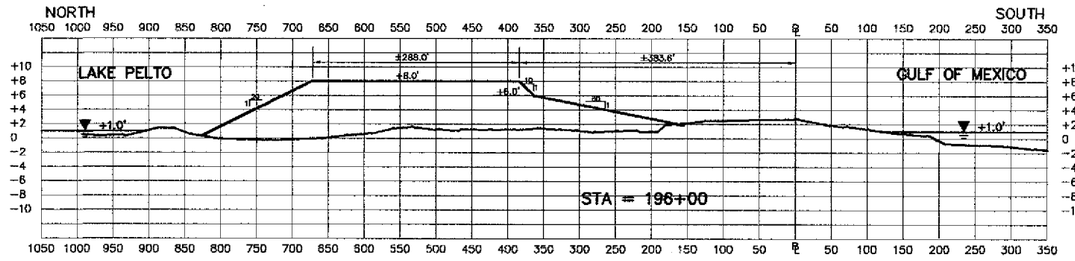
T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2058 HOUMA, LOUISIANA 70361

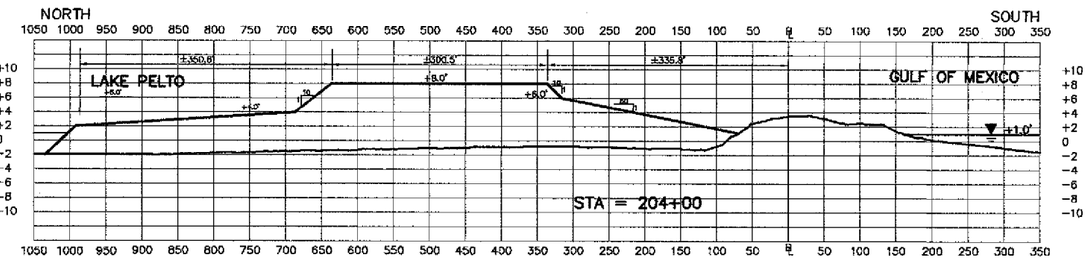
DRAWN	KAP	DRAWING	XSEC12
CHECKED	MJR	JOB No.	578-96
DATE	AUGUST, 1997		
SCALE	1 = 1		

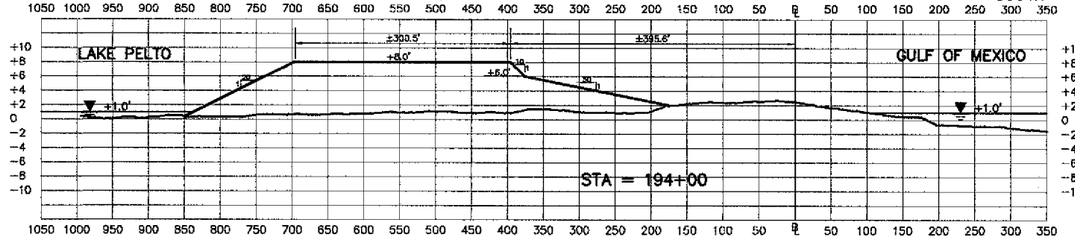
FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	38

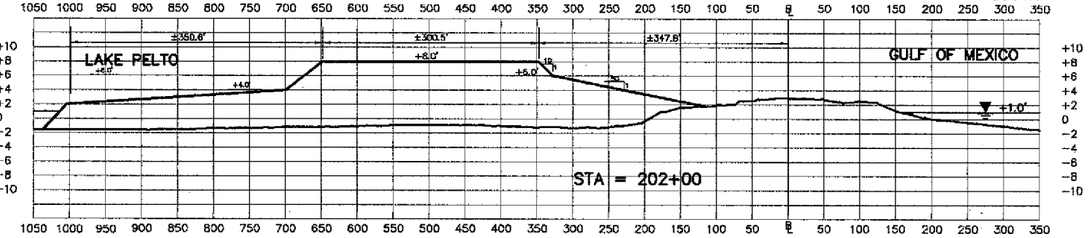


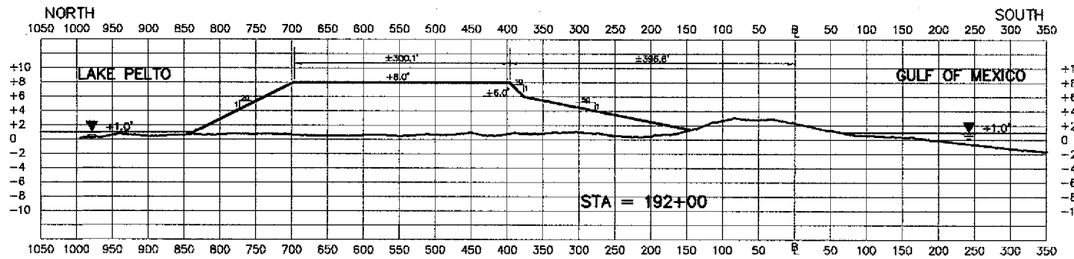


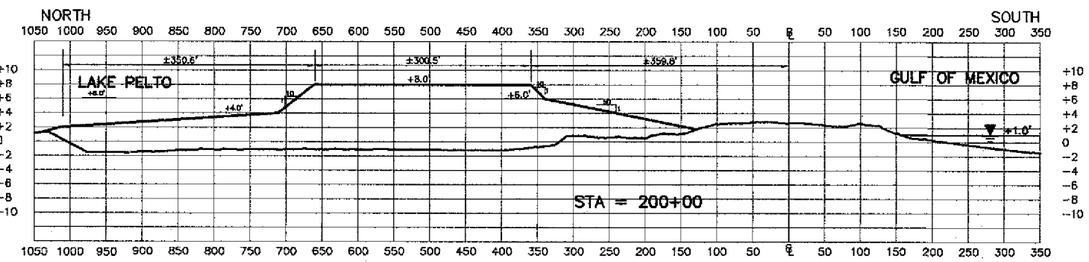












NOTES:

1. CROSS-SECTIONS SHOWN LOOKING EASTERLY
2. ALL ELEVATIONS ARE REFERENCED TO N.G.V.D.

SCALE: HORIZ. 1" = 100'
VERT. 1" = 10'

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 19940
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEERING
9/8/97

DRAWING IS ONE-HALF ORIGINAL SCALE

DATE	DESCRIPTION	BY
	REVISIONS	

TRINITY ISLAND CROSS-SECTIONS

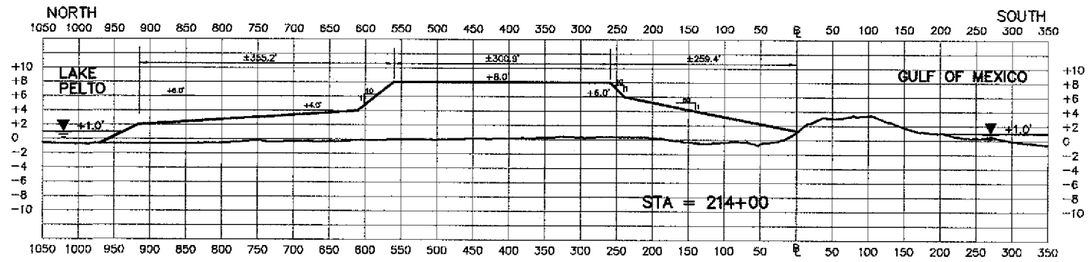
STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

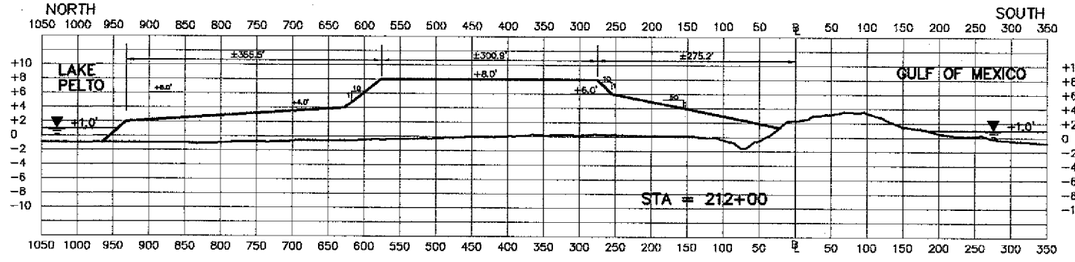
ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND - PHASE 1 & EAST ISLAND PHASE 0

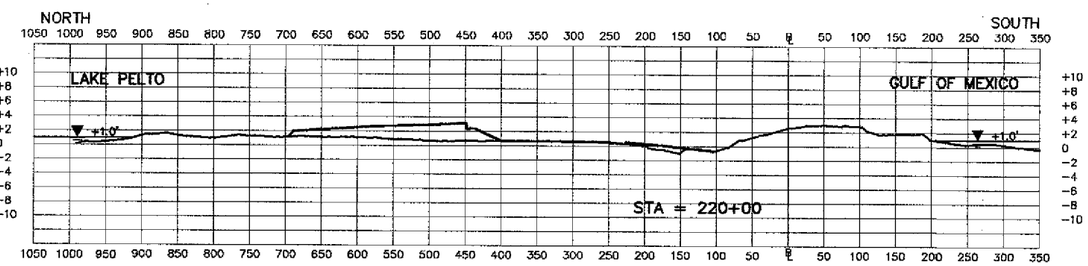
T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2266 HOUMA, LOUISIANA 70361

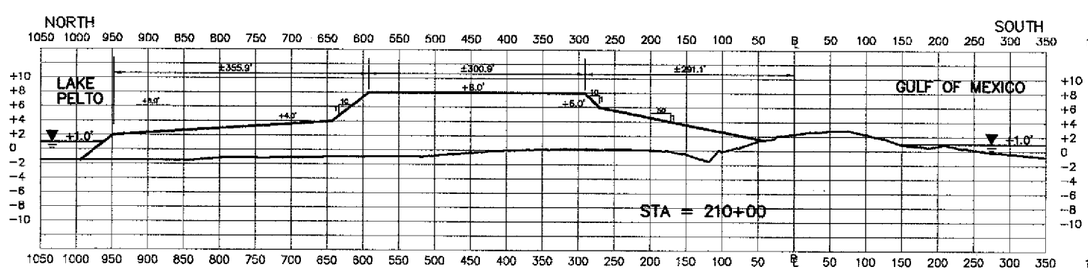
DRAWN	KAP	DRAWING	XSEC13
CHECKED	MJR	JOB No.	578-96
DATE	AUGUST, 1997		
SCALE	1 = 1		

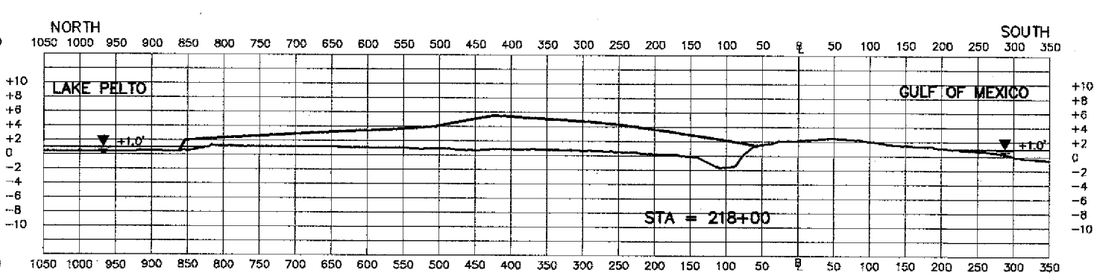
FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	39

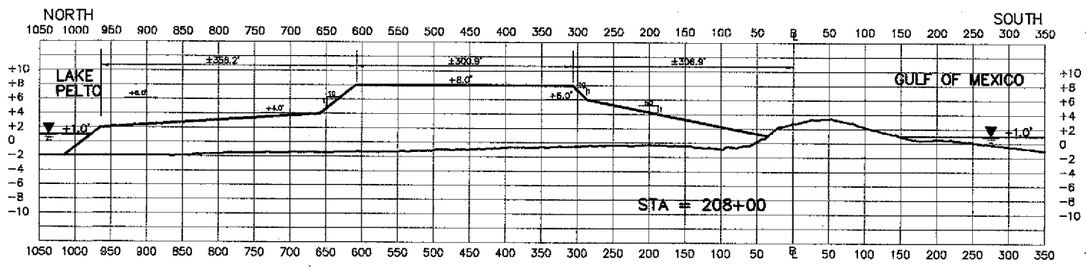


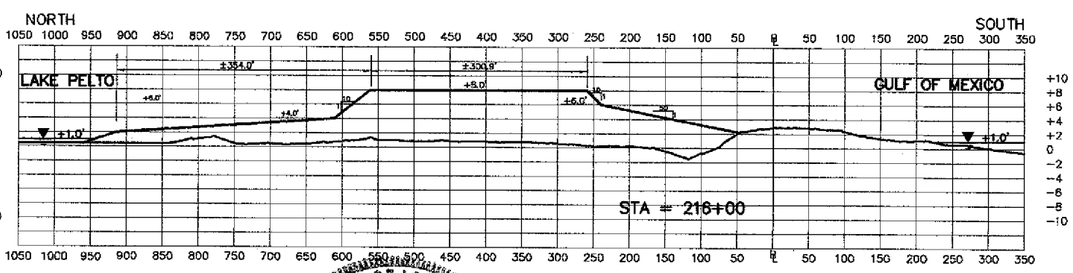












NOTES:
1. CROSS-SECTIONS SHOWN LOOKING EASTERLY
2. ALL ELEVATIONS ARE REFERENCED TO N.G.V.D.

SCALE: HORIZ. 1" = 100'
VERT. 1" = 10'

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
CIVIL ENGINEERING
9/8/97

DRAWING IS ONE-HALF ORIGINAL SCALE

TRINITY ISLAND CROSS-SECTIONS

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

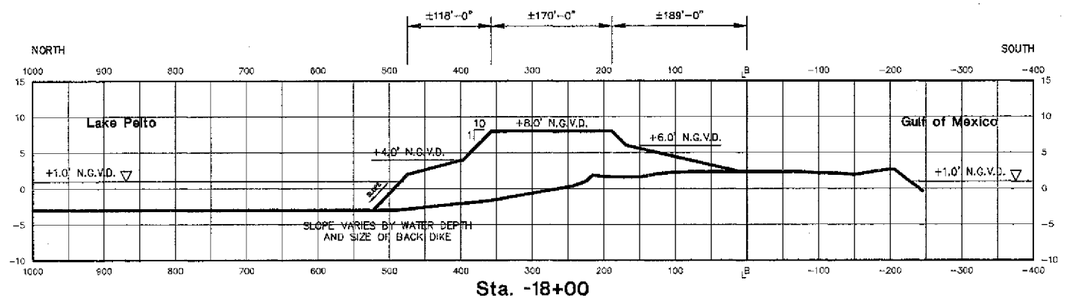
ISLE DERNIERES RESTORATION PROJECT
TRINITY ISLAND - PHASE 1 & EAST ISLAND PHASE 0

DATE	DESCRIPTION REVISIONS	BY

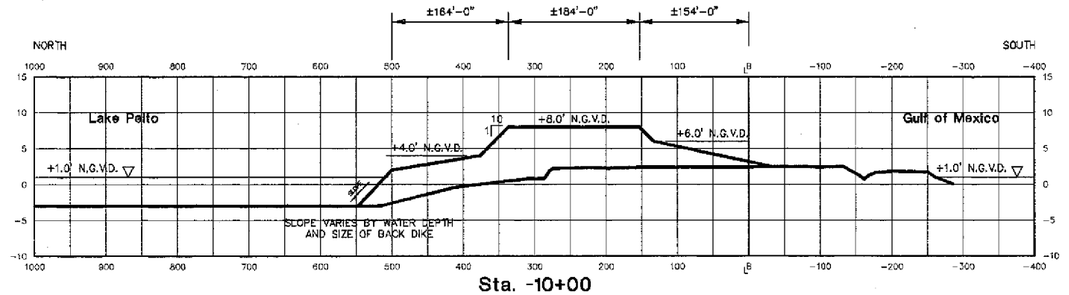
T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL SERVICES
P.O. BOX 2288 HOUMA, LOUISIANA 70361

DRAWN	KAP	DRAWING	XSEC14
CHECKED	MJR	JOB No.	578-96
DATE	AUGUST, 1997		
SCALE	1 = 1		

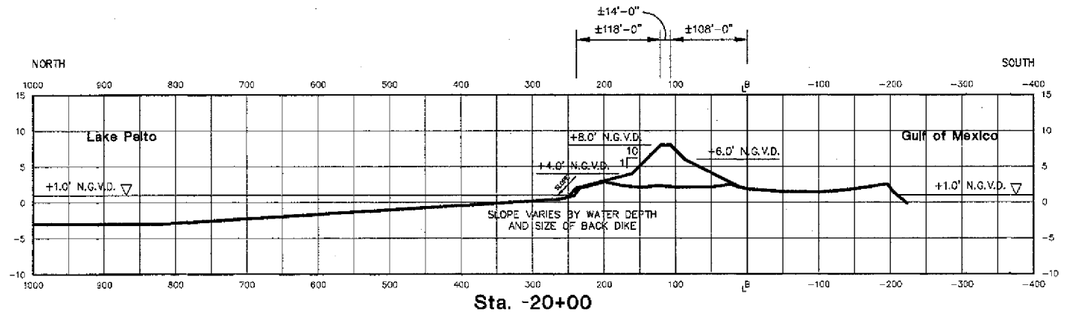
FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	40



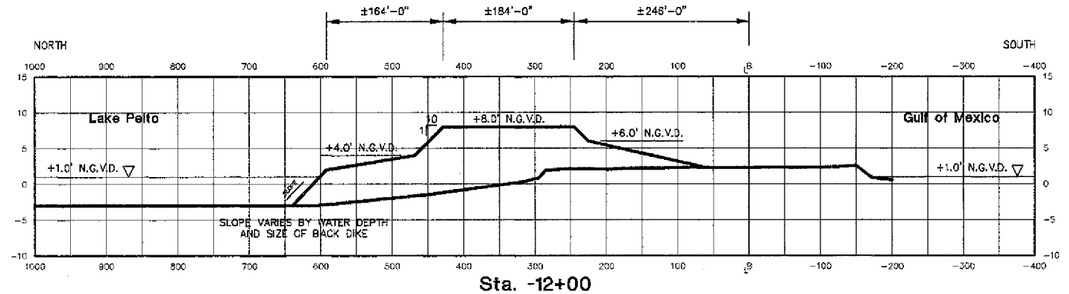
Sta. -18+00



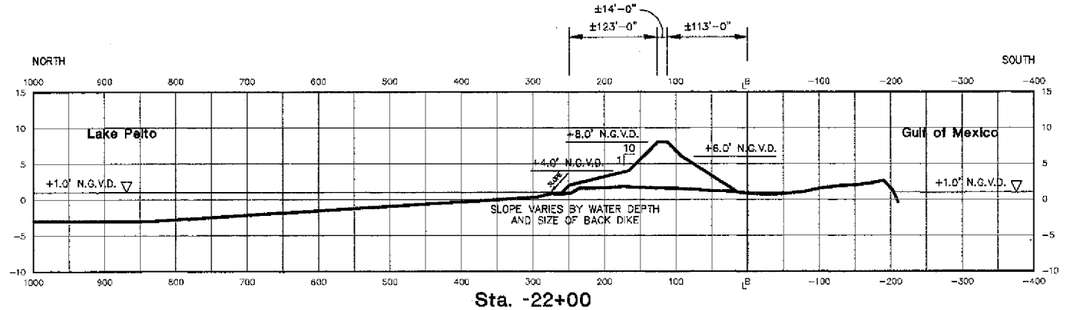
Sta. -10+00



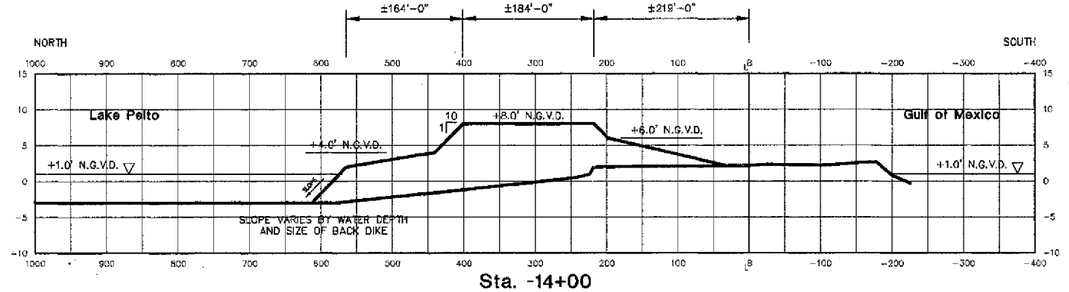
Sta. -20+00



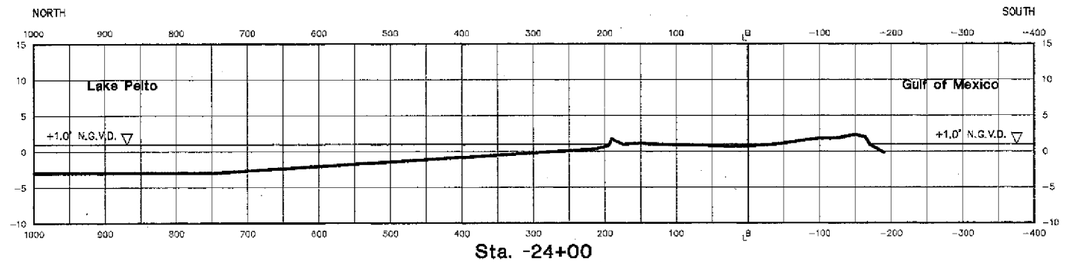
Sta. -12+00



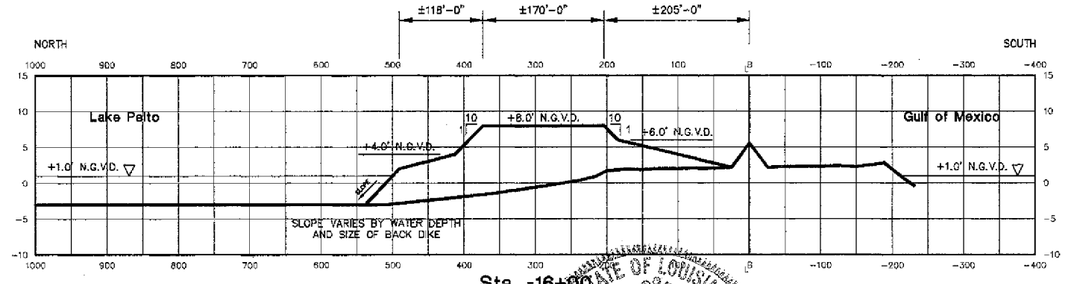
Sta. -22+00



Sta. -14+00



Sta. -24+00
(Beginning of Project)



Sta. -16+00

CROSS-SECTIONS REFLECT
BASE-BID ONLY

Scale:
Vertical Scale: 1"=10'-0"
Horizontal Scale: 1"=100'-0"

NOTE:
DRAWING IS 1/2 OF ORIGINAL SCALE

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
9/8/97
CIVIL ENGINEERING

EAST ISLAND CROSS-SECTIONS

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
EAST ISLAND – PHASE 0

Prepared By:
COASTAL ENGINEERING AND ENVIRONMENTAL CONSULTANTS, INC.
Engineering – Surveying – Planners – Environmental Consulting

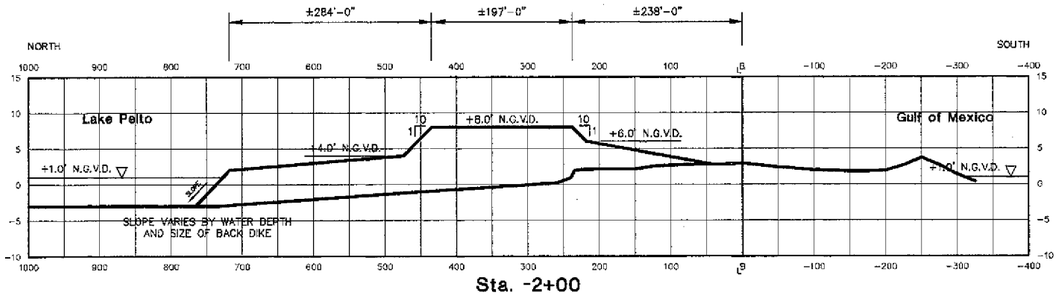
DRAWN: D.J.P.	DRAWING: 1136--40	DATE: SEPT. 4, 1997
CHECKED: O.F.P.	SCALE: AS SHOWN	JOB No.: 1136

DATE	DESCRIPTION	BY
	REVISIONS	

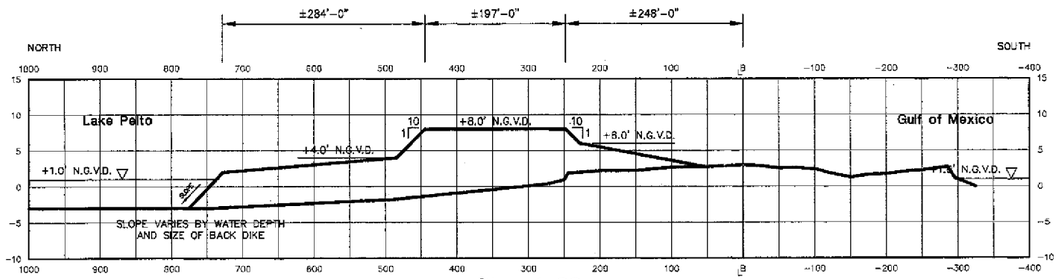
T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS – SURVEYORS – ENVIRONMENTAL RESEARCH
P.O. BOX 2295 HOUMA, LOUISIANA 70361

DRAWN:	DRAWING:	DATE:
CHECKED: M.J.R.	SCALE:	JOB No.:

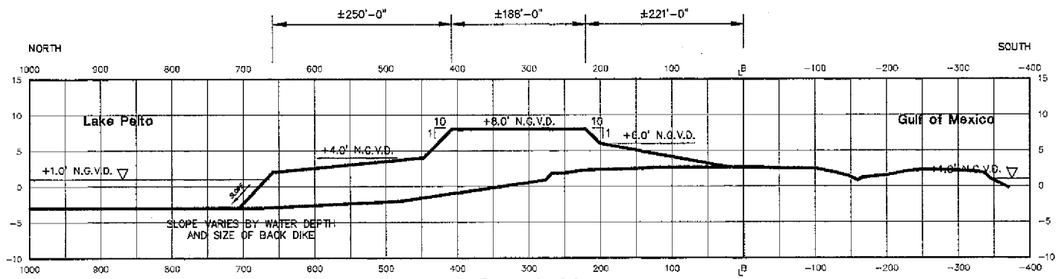
FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	41



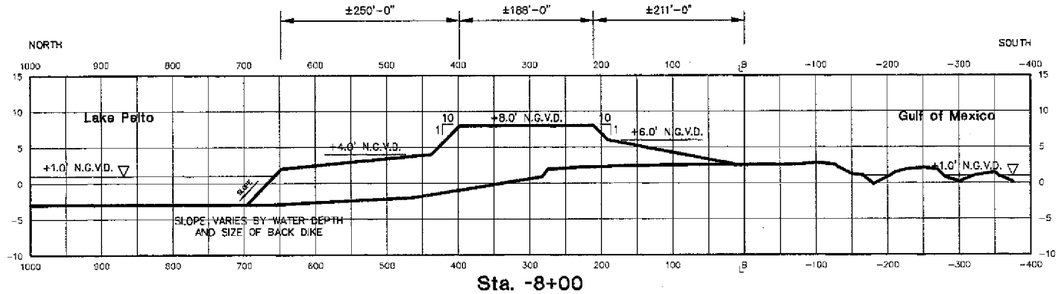
Sta. -2+00



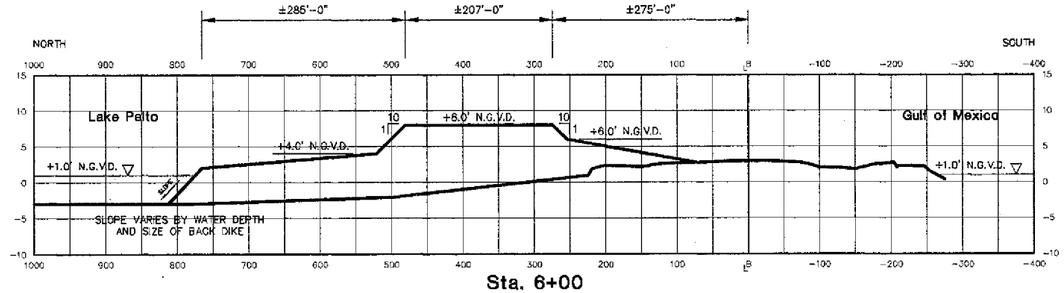
Sta. -4+00



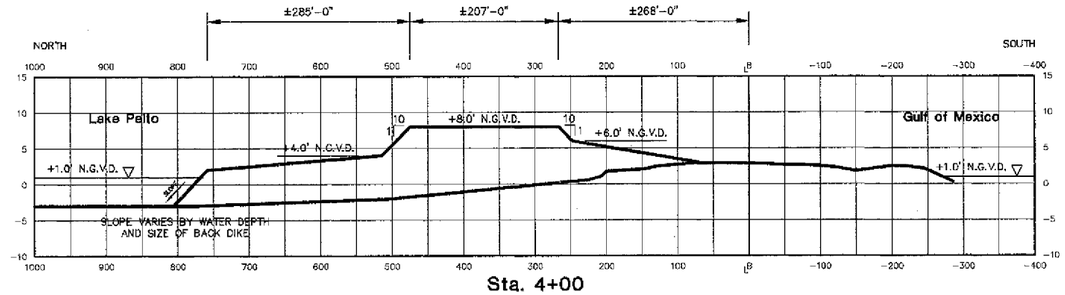
Sta. -6+00



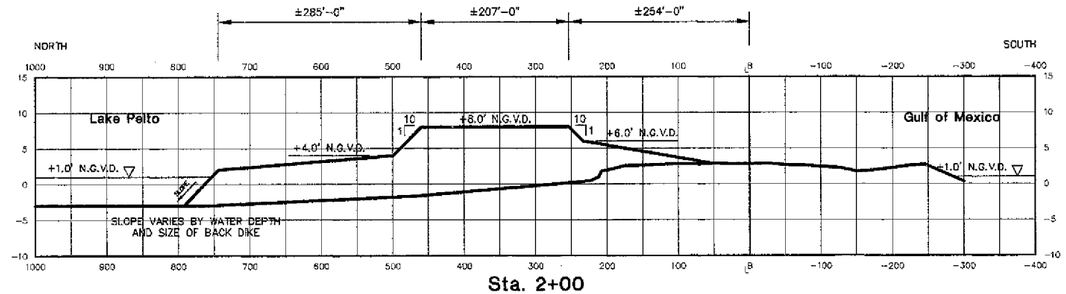
Sta. -8+00



Sta. 6+00



Sta. 4+00



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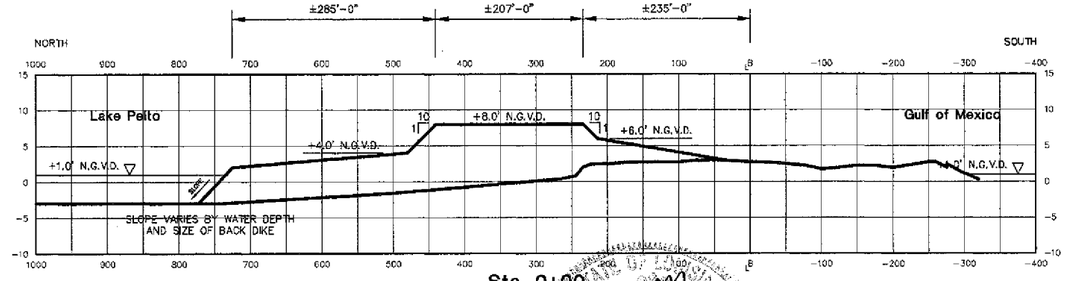


Sta. 0+00

CROSS-SECTIONS REFLECT BASE-BID ONLY

Scale:
Vertical Scale: 1"=10'-0"
Horizontal Scale: 1"=100'-0"

Prepared By:
COASTAL ENGINEERING AND ENVIRONMENTAL CONSULTANTS, INC.
Engineering – Surveying – Planners – Environmental Consulting

DRAWN: D.J.P.	DRAWING: 1136-41	DATE: SEPT. 4, 1997
CHECKED: C.F.P.	SCALE: AS SHOWN	JOB No.: 1136

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16640
REGISTERED
PROFESSIONAL ENGINEER
7/8/97

NOTE:
DRAWING IS 1/2 OF ORIGINAL SCALE

DATE	DESCRIPTION REVISIONS	BY

EAST ISLAND CROSS-SECTIONS

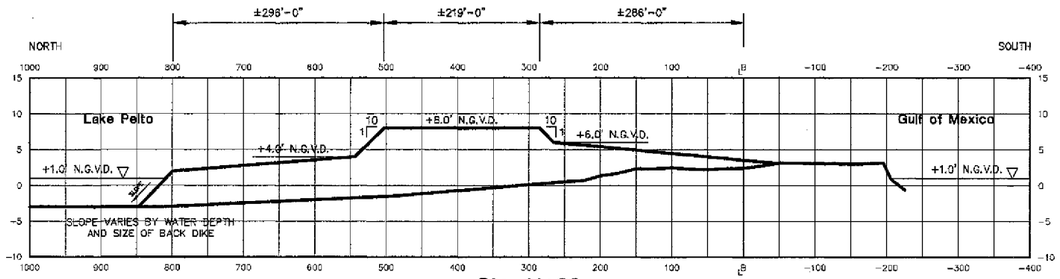
STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
EAST ISLAND – PHASE 0

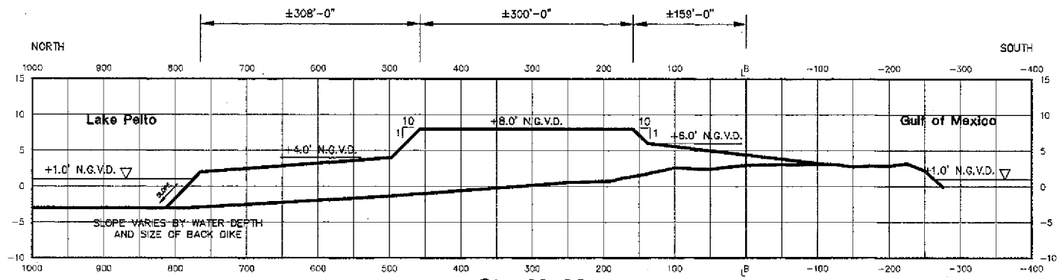
T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS – SURVEYORS – ENVIRONMENTAL RESEARCH
P.O. BOX 2266 HOUMA, LOUISIANA 70361

DRAWN:	DRAWING:	DATE:
CHECKED: M.J.R.	SCALE:	JOB No.:

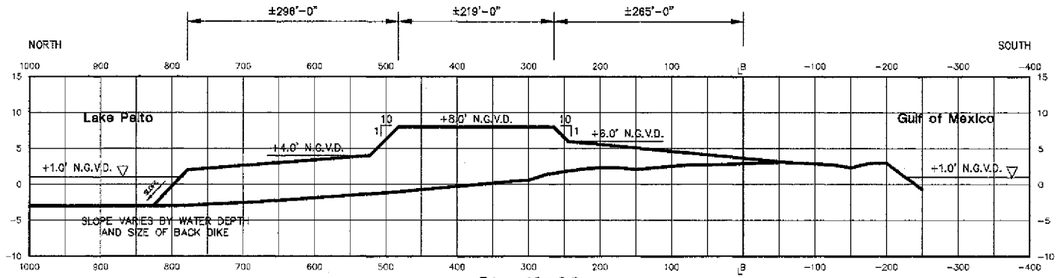
FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	42



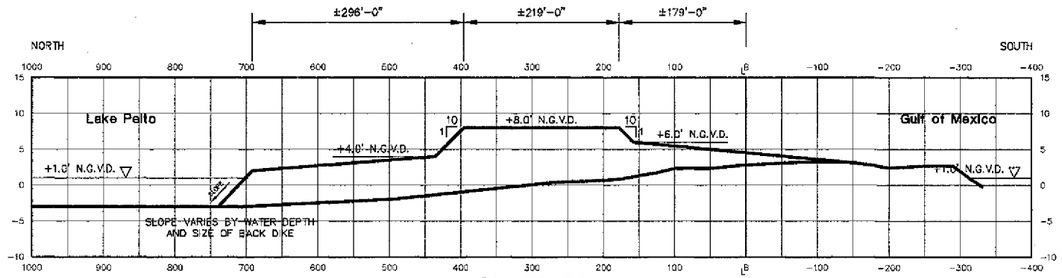
Sta. 14+00



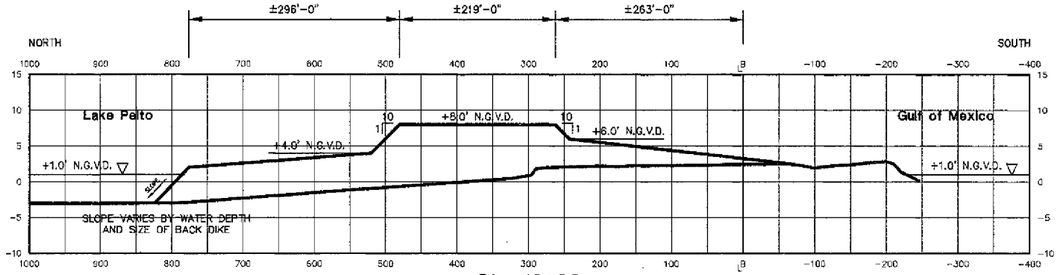
Sta. 22+00



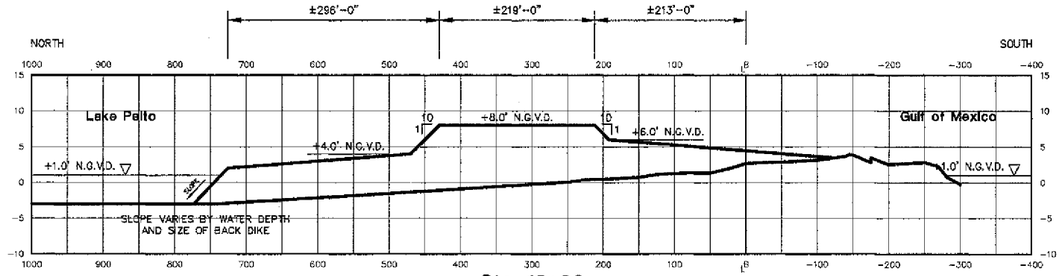
Sta. 12+00



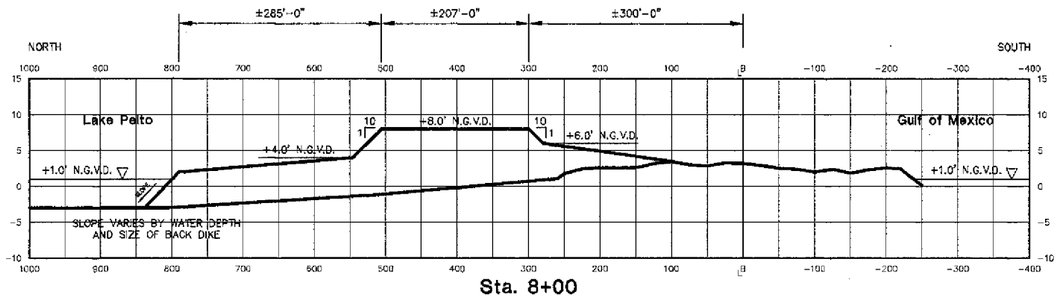
Sta. 20+00



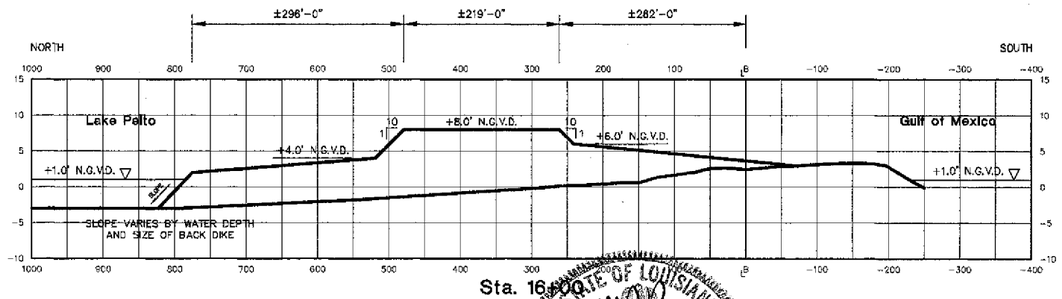
Sta. 10+00



Sta. 18+00



Sta. 8+00



Sta. 16+00

CROSS-SECTIONS REFLECT BASE-BID ONLY

Scale:
Vertical Scale: 1"=10'-0"
Horizontal Scale: 1"=100'-0"

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED PROFESSIONAL ENGINEER
9/8/97

NOTE:
DRAWING IS 1/2 OF ORIGINAL SCALE

Prepared By:
COASTAL ENGINEERING AND ENVIRONMENTAL CONSULTANTS, INC.
Engineering - Surveying - Planners - Environmental Consulting

DRAWN: D.J.P.	DRAWING: 1136-42	DATE: SEPT. 4, 1997
CHECKED: O.F.P.	SCALE: AS SHOWN	JOB No.: 1136

DATE	DESCRIPTION	BY
	REVISIONS	

EAST ISLAND CROSS-SECTIONS

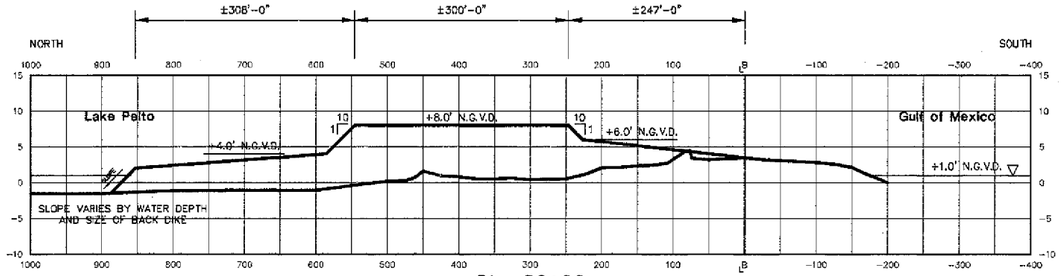
STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
EAST ISLAND - PHASE 0

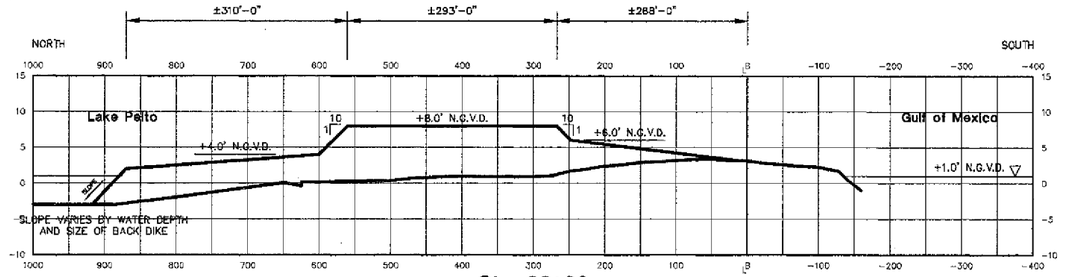
T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL RESEARCH
P.O. BOX 2296 HOUMA, LOUISIANA 70361

DRAWN:	DRAWING:	DATE:
CHECKED: M.J.R.	SCALE:	JOB No.:

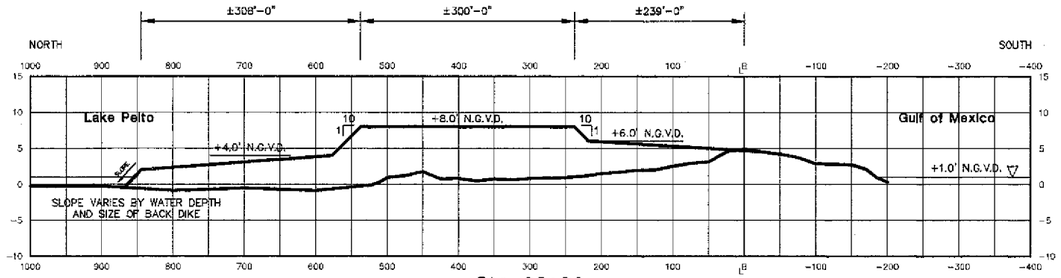
FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	43



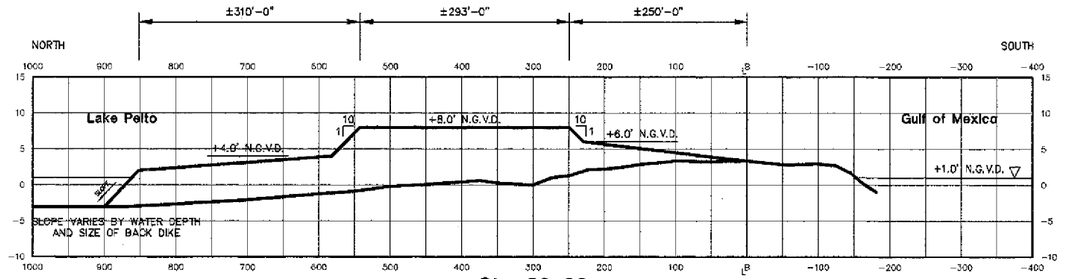
Sta. 30+00



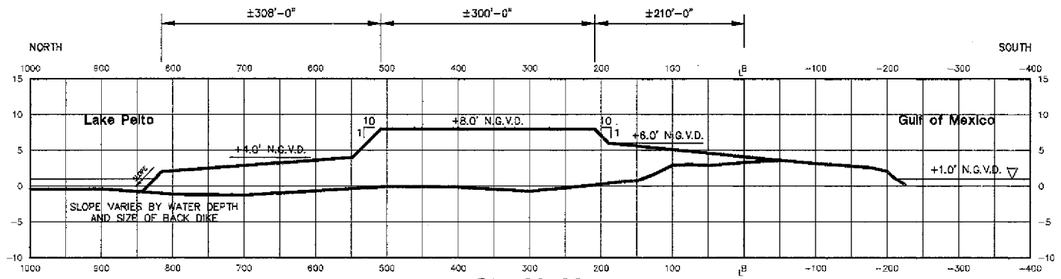
Sta. 38+00



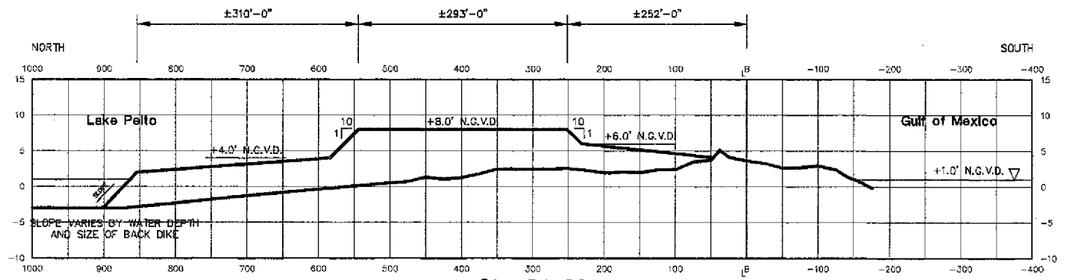
Sta. 28+00



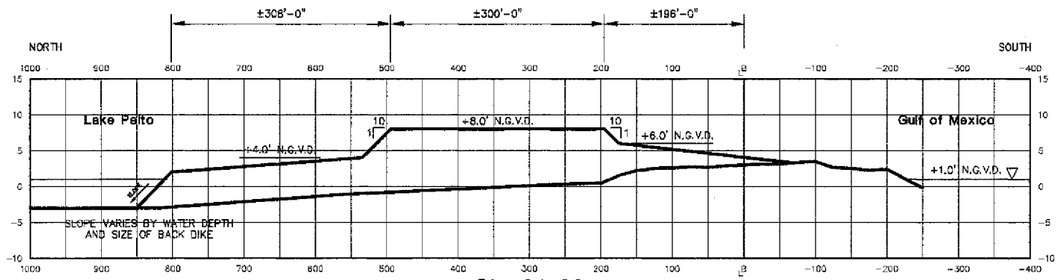
Sta. 36+00



Sta. 26+00



Sta. 34+00



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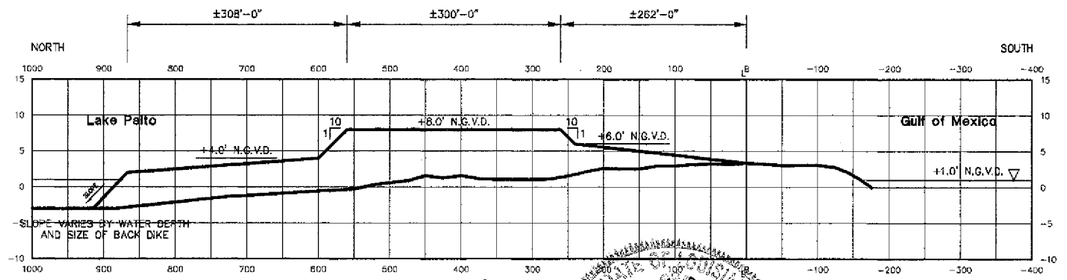


Sta. 32+00

CROSS-SECTIONS REFLECT BASE-BID ONLY

Scale:
Vertical Scale: 1"=10'-0"
Horizontal Scale: 1"=100'-0"

NOTE:
DRAWING IS 1/2 OF ORIGINAL SCALE

STATE OF LOUISIANA
MARC J. ROBERS
REG. NO. 19940
REGISTERED
PROFESSIONAL ENGINEER
9/8/97

Prepared By:
COASTAL ENGINEERING AND ENVIRONMENTAL CONSULTANTS, INC.
Engineering - Surveying - Planners - Environmental Consulting

DRAWN: D.J.P.	DRAWING: 1136-43	DATE: SEPT. 4, 1997
CHECKED: O.F.P.	SCALE: AS SHOWN	JOB No.: 1136

DATE	DESCRIPTION	BY
	REVISIONS	

EAST ISLAND CROSS-SECTIONS

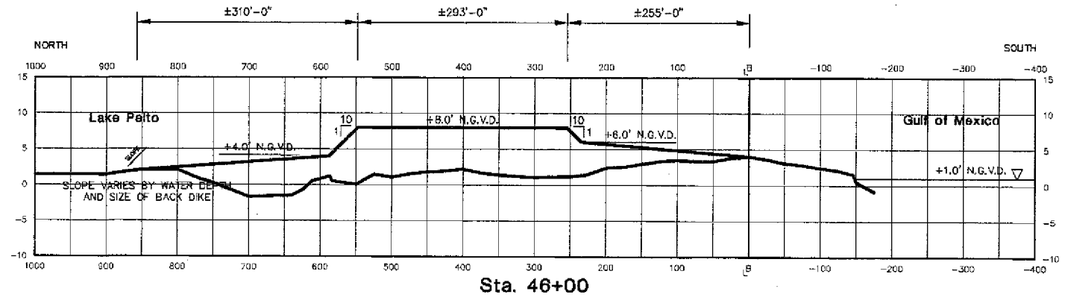
STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
EAST ISLAND - PHASE 0

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL RESEARCH
P.O. BOX 2226 HOUMA, LOUISIANA 70361

DRAWN:	DRAWING:	DATE:
CHECKED: M.J.R.	SCALE:	JOB No.:

FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	44



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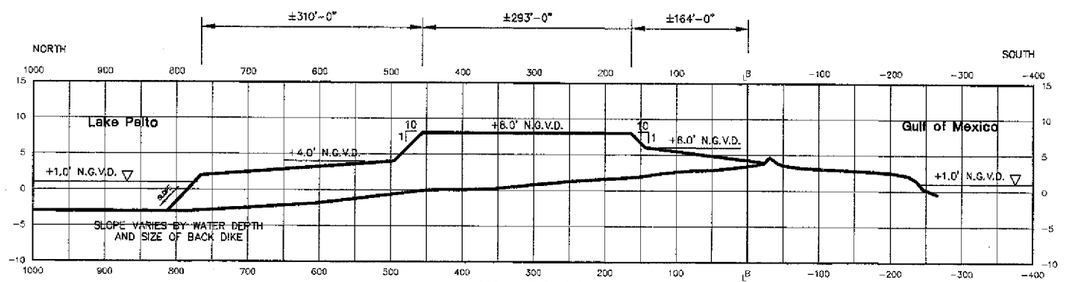
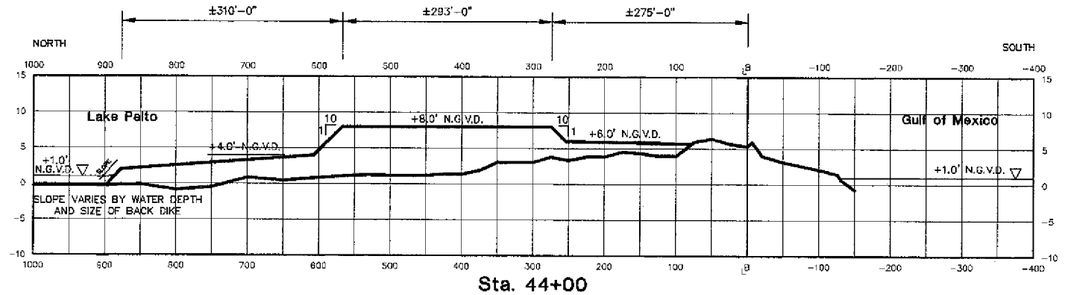


Sta. 54+00



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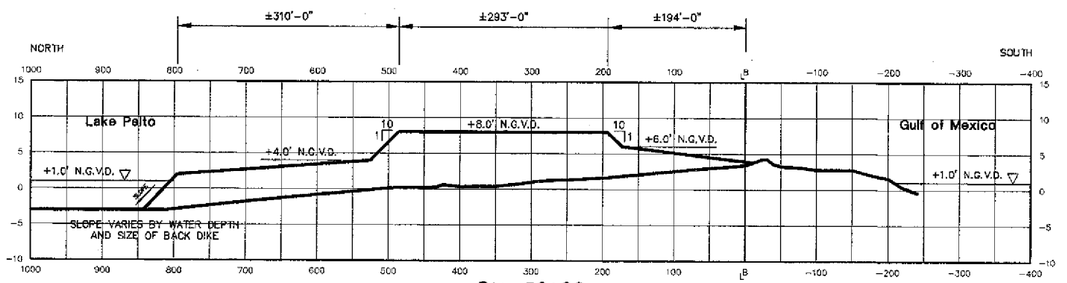

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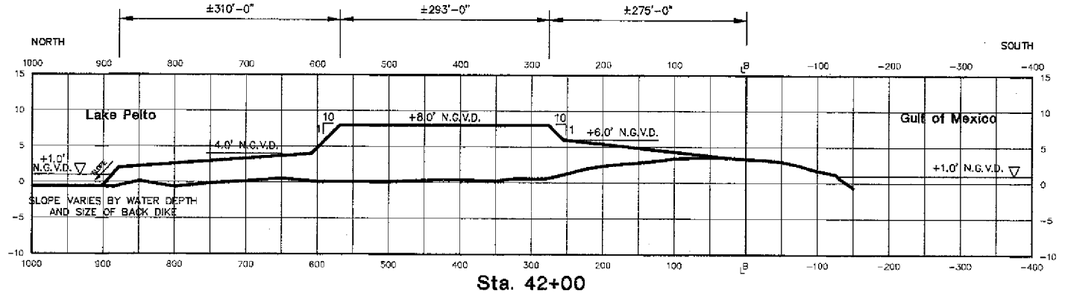

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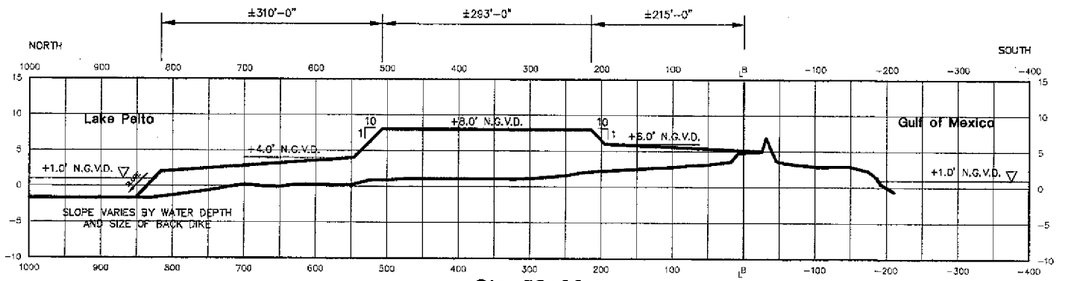

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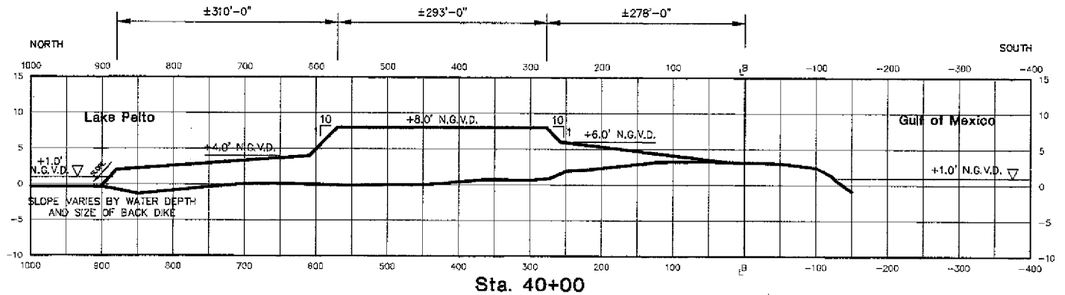
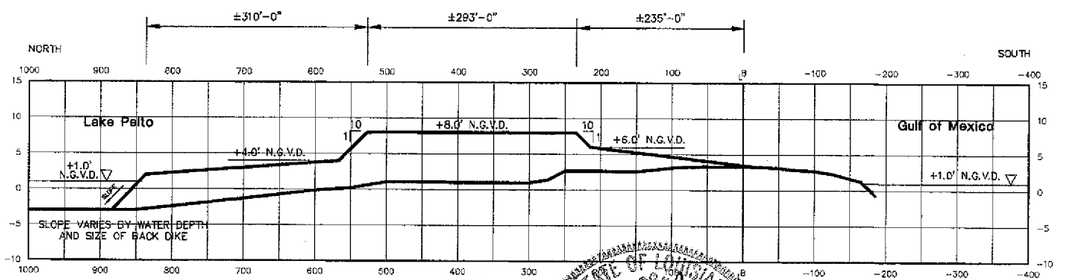


Sta. 40+00



Sta. 48+00

CROSS-SECTIONS REFLECT BASE-BID ONLY

Scale:
Vertical Scale: 1"=10'-0"
Horizontal Scale: 1"=100'-0"

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
9/8/97

NOTE:
DRAWING IS 1/2 OF ORIGINAL SCALE

Prepared By:
COASTAL ENGINEERING AND ENVIRONMENTAL CONSULTANTS, INC.
Engineering – Surveying – Planners – Environmental Consulting

DRAWN:	D.J.P.	DRAWING:	1136-44	DATE: SEPT. 4, 1997
CHECKED:	O.F.P.	SCALE:	AS SHOWN	JOB No.: 1136

DATE	DESCRIPTION	BY
	REVISIONS	

EAST ISLAND CROSS-SECTIONS

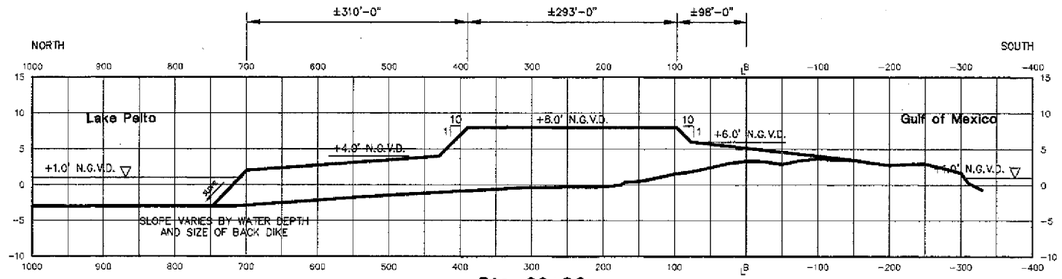
STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
EAST ISLAND – PHASE 0

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL RESEARCH
P.O. BOX 2266 HOUMA, LOUISIANA 70361

DRAWN:		DRAWING:	DATE:
CHECKED:	M.J.R.	SCALE:	JOB No.:

FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	45



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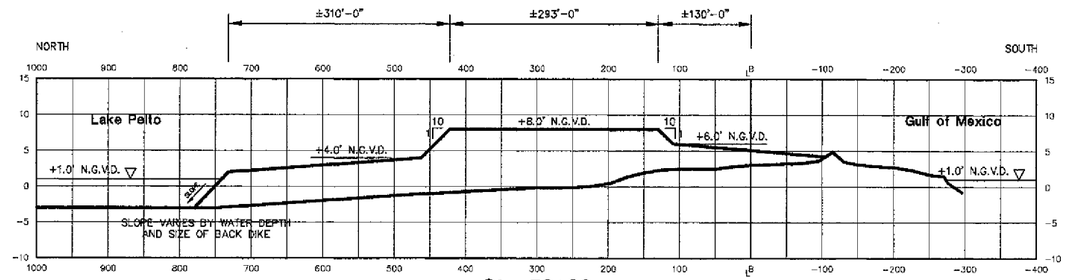

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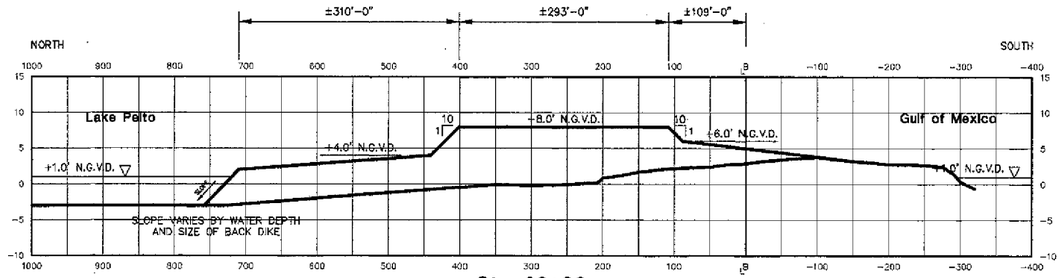

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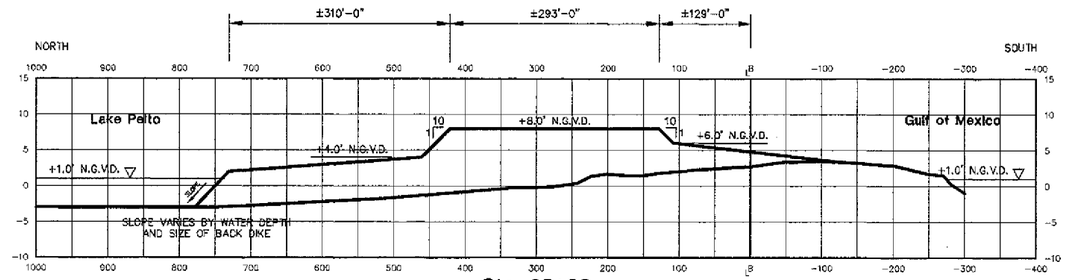

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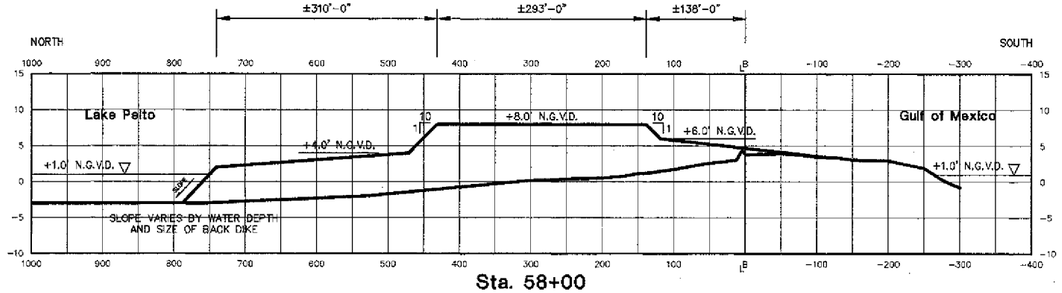

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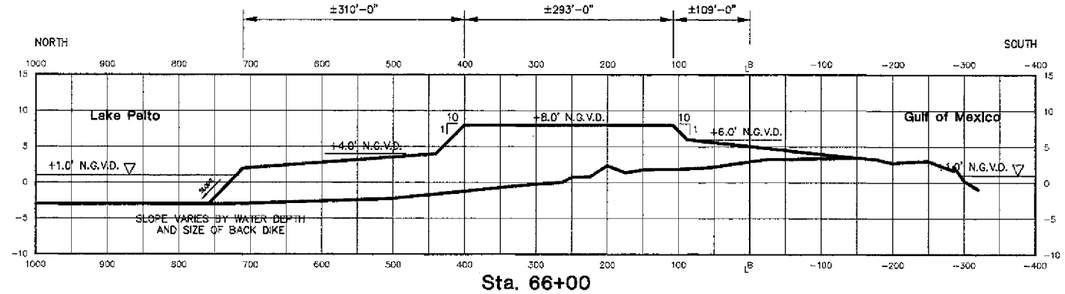

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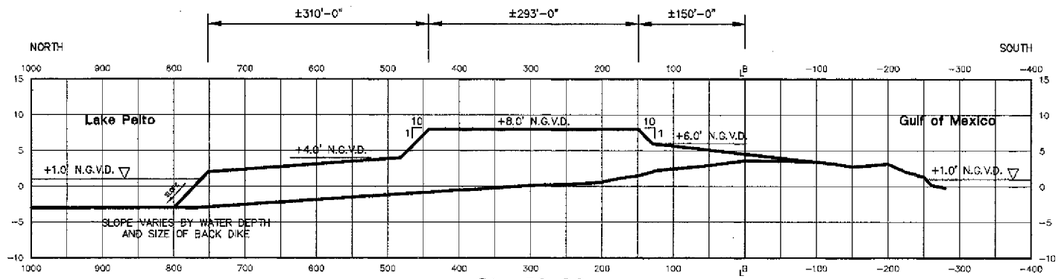

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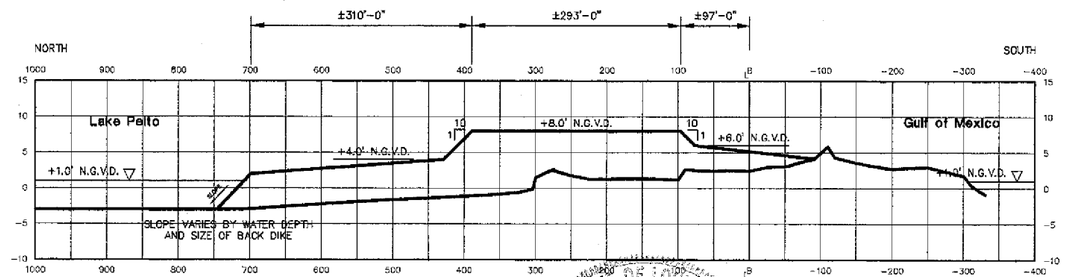


Sta. 64+00

CROSS-SECTIONS REFLECT BASE-BID ONLY

Scale:
Vertical Scale: 1"=10'-0"
Horizontal Scale: 1"=100'-0"

NOTE:
DRAWING IS 1/2 OF ORIGINAL SCALE

STATE OF LOUISIANA
MARC J. ROGERS
REG. NO. 26980
REGISTERED
PROFESSIONAL ENGINEER
9/8/97

EAST ISLAND CROSS-SECTIONS

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
EAST ISLAND - PHASE 0

Prepared By:
COASTAL ENGINEERING AND ENVIRONMENTAL CONSULTANTS, INC.
Engineering - Surveying - Planners - Environmental Consulting

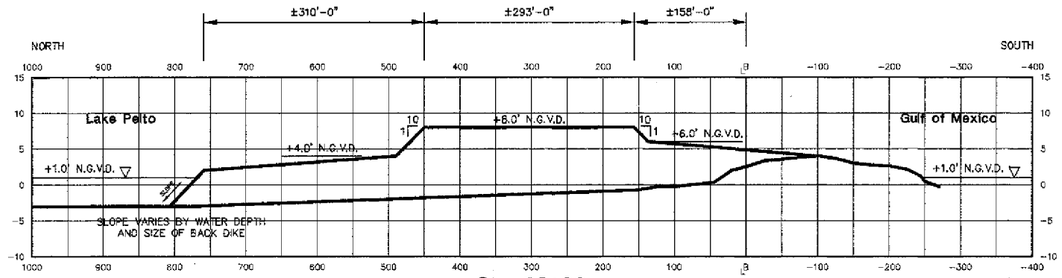
DRAWN:	D.J.P.	DRAWING:	1136-45	DATE: SEPT. 4, 1997
CHECKED:	O.F.P.	SCALE:	AS SHOWN	JOB No.: 1136

DATE	DESCRIPTION	BY
	REVISIONS	

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL RESEARCH
P.O. BOX 2268 HOUMA, LOUISIANA 70361

DRAWN:	DRAWING:	DATE:
CHECKED: M.J.R.	SCALE:	JOB No.:

FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	46



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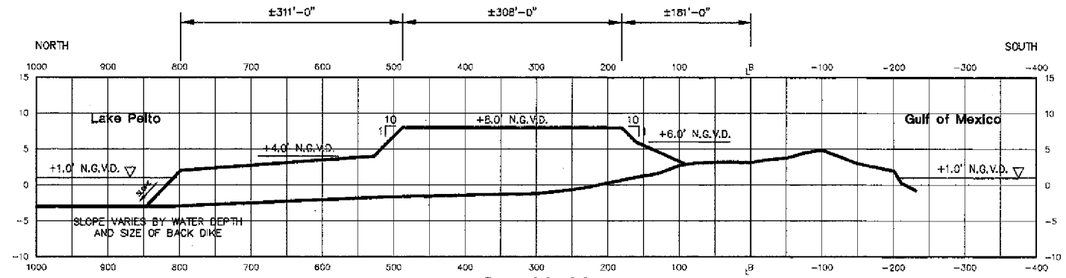

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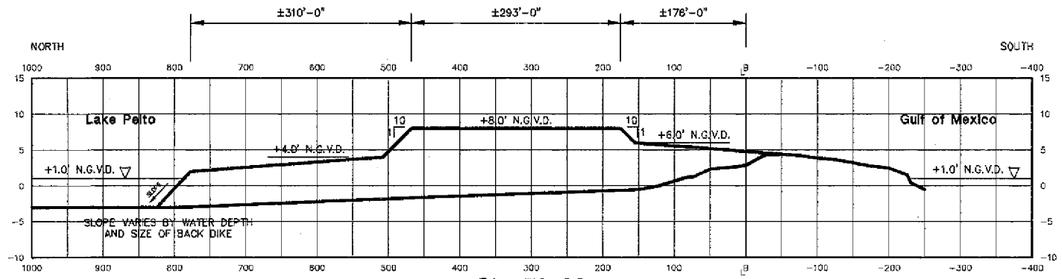

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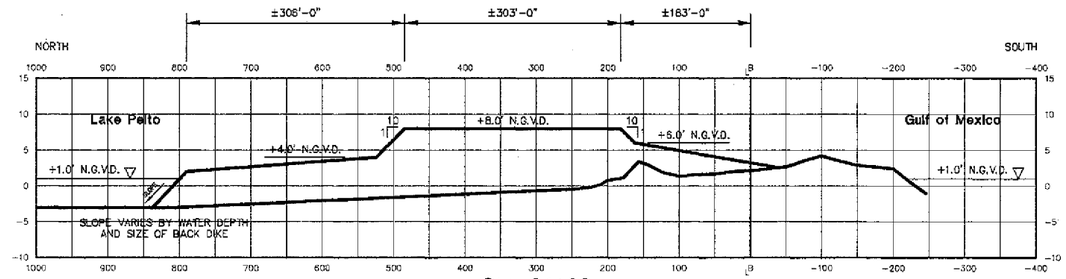

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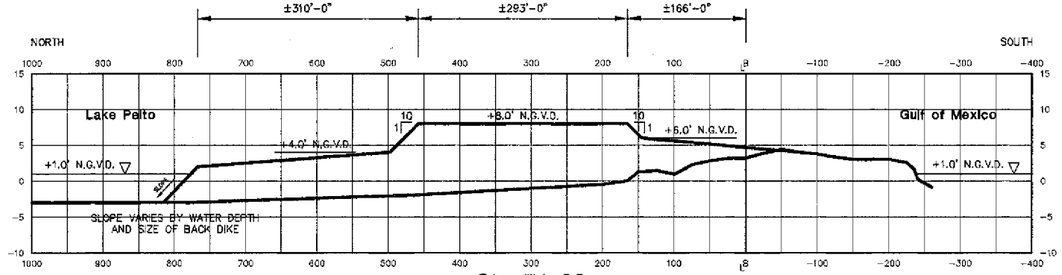

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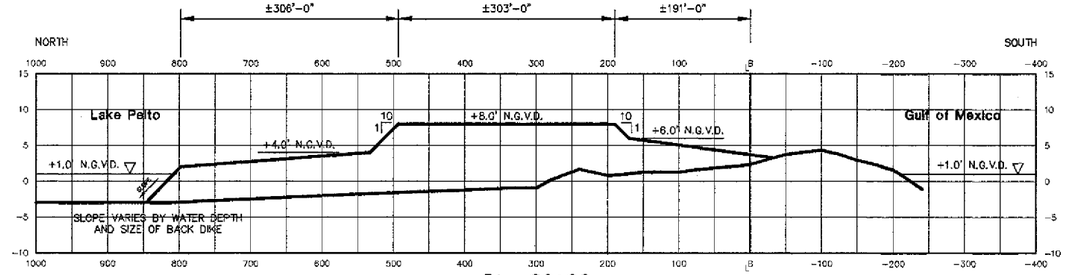

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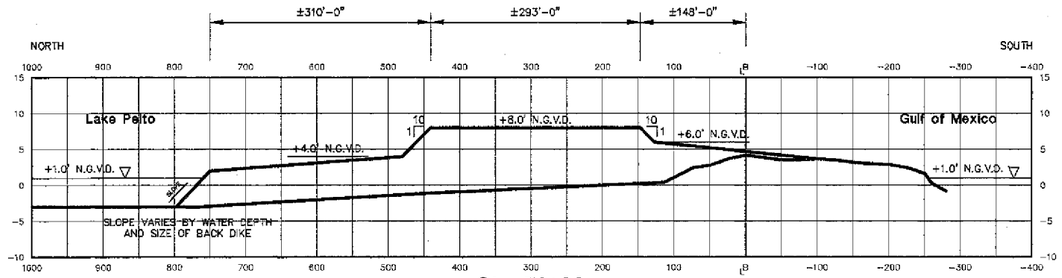

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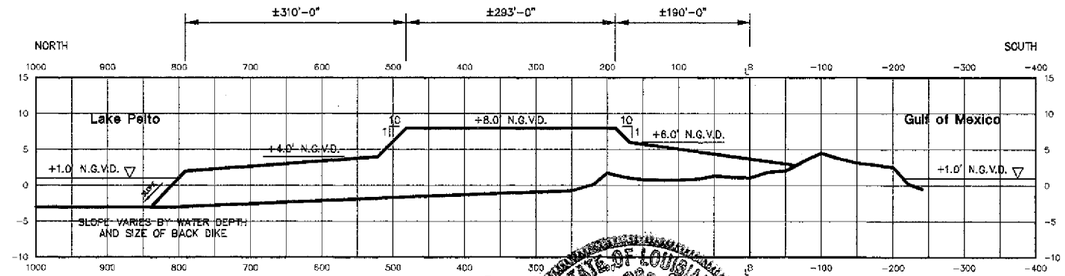


Sta. 80+00

CROSS-SECTIONS REFLECT BASE-BID ONLY

Scale:
Vertical Scale: 1"=10'-0"
Horizontal Scale: 1"=100'-0"

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
CIVIL ENGINEER
9/8/97

NOTE:
DRAWING IS 1/2 OF ORIGINAL SCALE

Prepared By:
COASTAL ENGINEERING AND ENVIRONMENTAL CONSULTANTS, INC.
Engineering – Surveying – Planners – Environmental Consulting

DRAWN:	D.J.P.	DRAWING:	1136-46	DATE:	SEPT. 4, 1997
CHECKED:	O.F.P.	SCALE:	AS SHOWN	JOB No.:	1136

DATE	DESCRIPTION	BY
	REVISIONS	

EAST ISLAND CROSS-SECTIONS

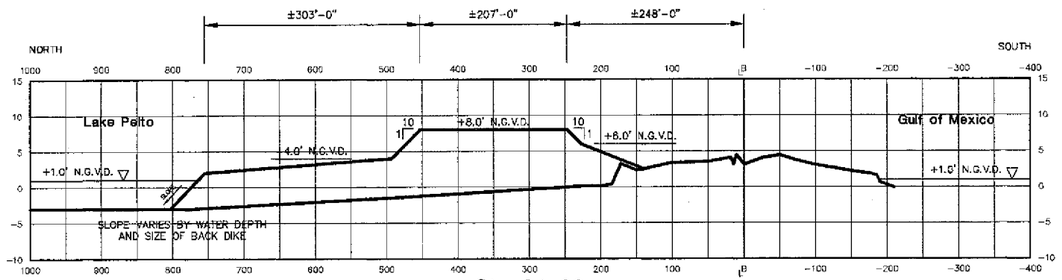
STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
EAST ISLAND – PHASE 0

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS – SURVEYORS – ENVIRONMENTAL RESEARCH
P.O. BOX 8286 HOUMA, LOUISIANA 70361

DRAWN:		DRAWING:	DATE:
CHECKED:	M.J.R.	SCALE:	JOB No.:

FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	47



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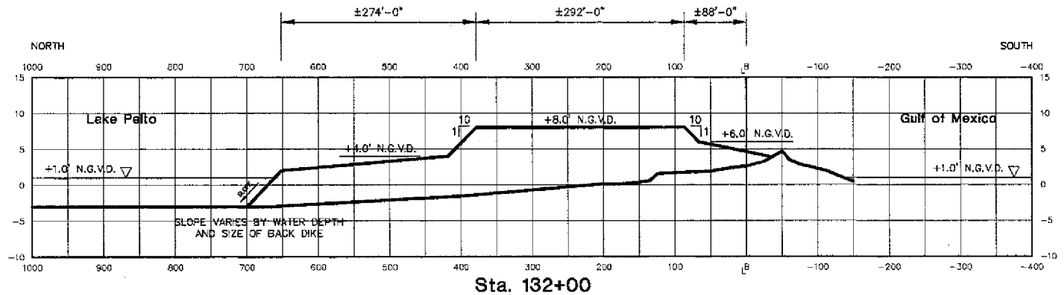

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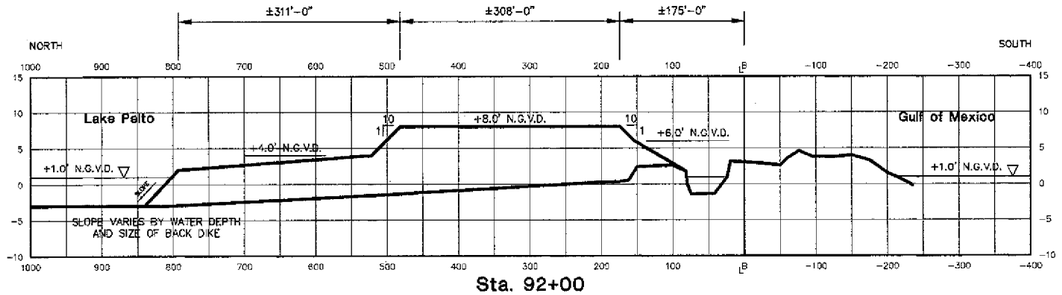

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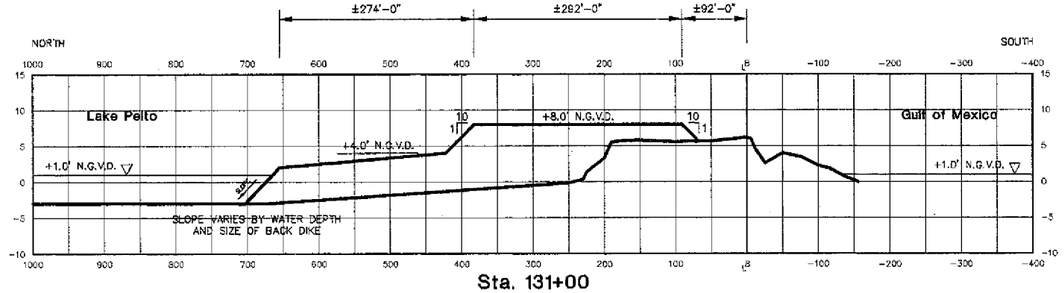

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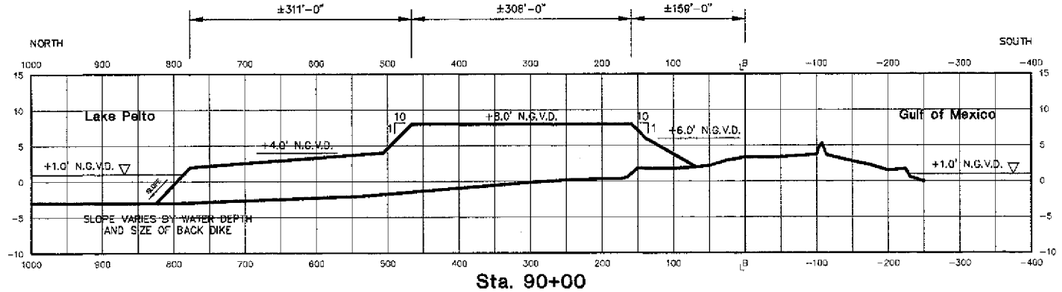

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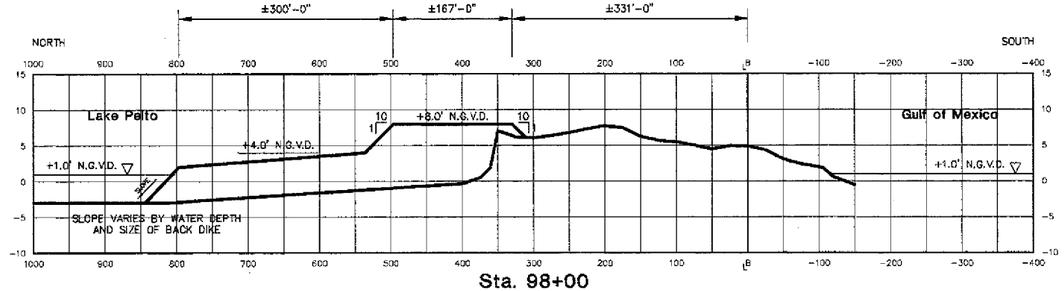

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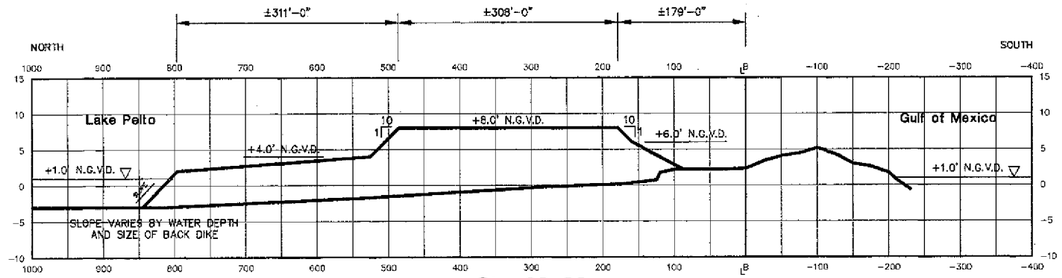

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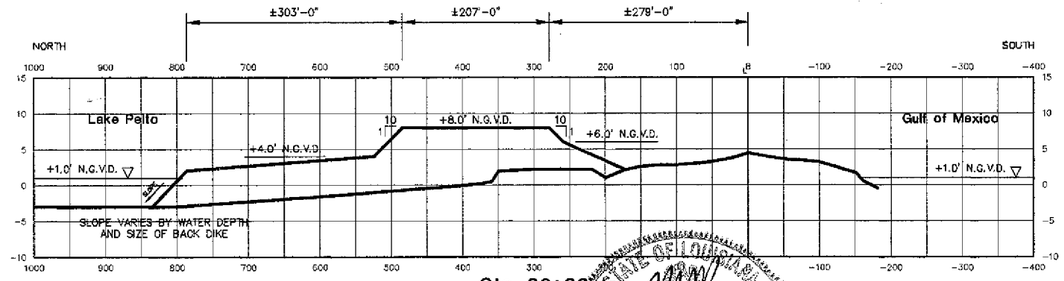


Sta. 96+00

CROSS-SECTIONS REFLECT BASE-BID ONLY

Scale:
Vertical Scale: 1"=10'-0"
Horizontal Scale: 1"=100'-0"

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 26946
REGISTERED
PROFESSIONAL ENGINEER
9/8/97

NOTE:
DRAWING IS 1/2 OF ORIGINAL SCALE.

EAST ISLAND CROSS-SECTIONS

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
EAST ISLAND - PHASE 0

Prepared By:
COASTAL ENGINEERING AND ENVIRONMENTAL CONSULTANTS, INC.
Engineering - Surveying - Planners - Environmental Consulting

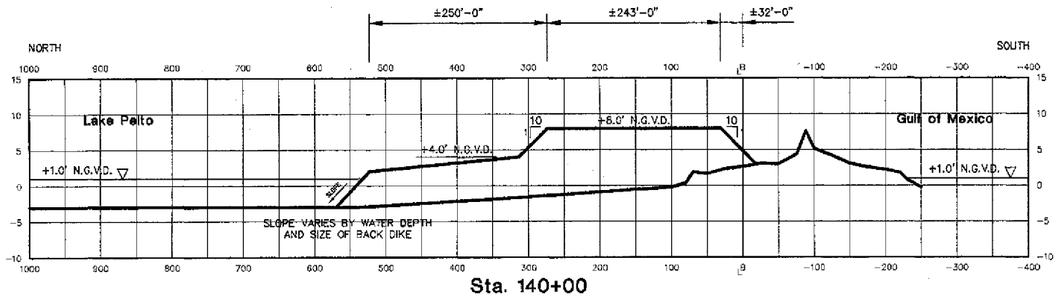
DRAWN:	D.J.P.	DRAWING: 1136-47	DATE: SEPT. 4, 1997
CHECKED:	O.F.P.	SCALE: AS SHOWN	JOB No.: 1136

DATE	DESCRIPTION	BY
	REVISIONS	

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL RESEARCH
P.O. BOX 2266 HOUMA, LOUISIANA 70361

DRAWN:	DRAWING:	DATE:
CHECKED: M.J.R.	SCALE:	JOB No.:

FEDERAL PROJECT NOS.	STATE PROJECT NOS.	ENGINEERING CONTRACT NO.	PARISH	SHEET NO.
TE-20 XTE-41	TE-20 TE-24	435CW-97-13	TERREBONNE	48



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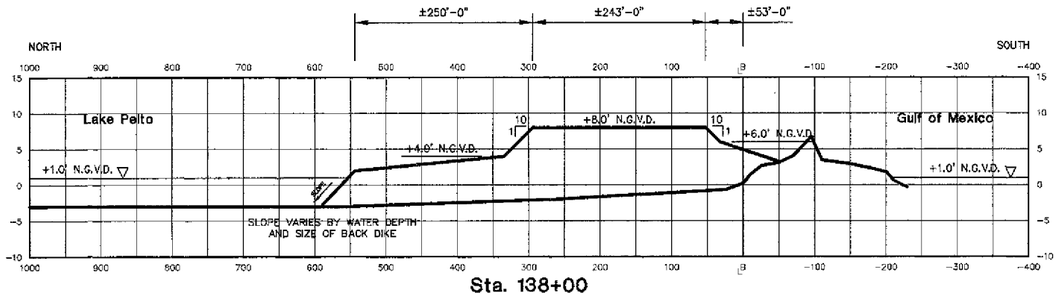

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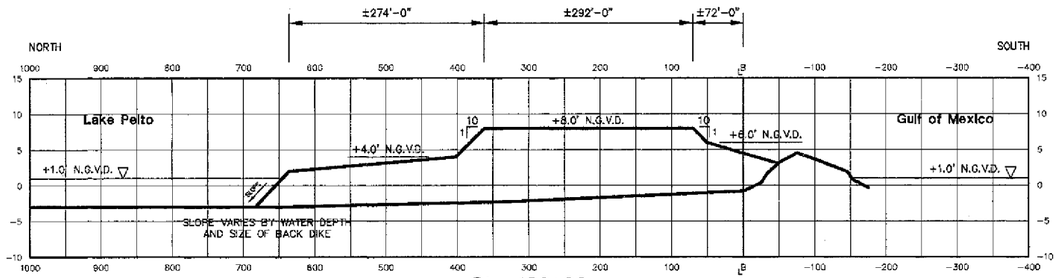

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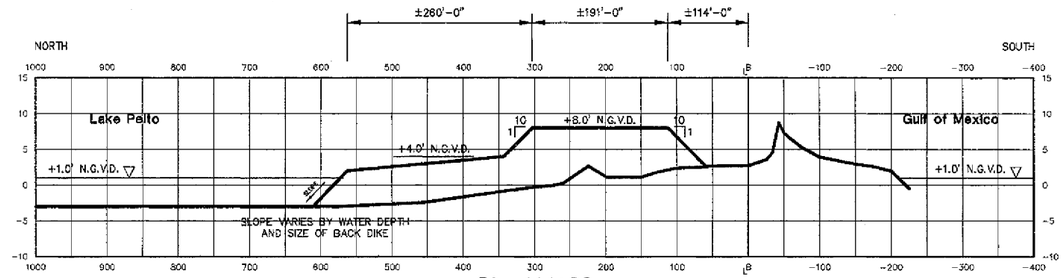

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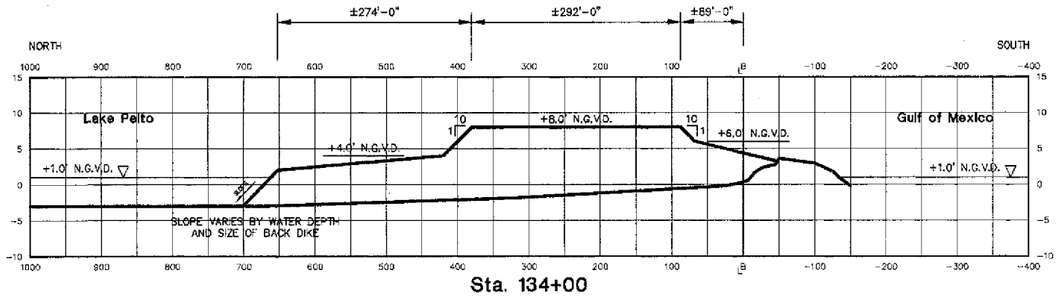

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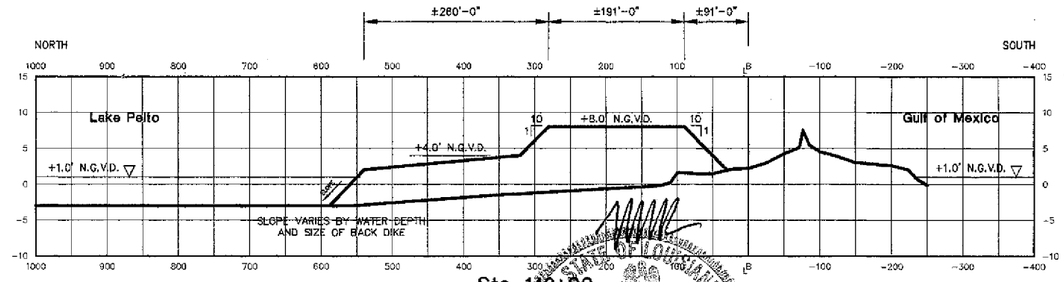

Sta. 142+00

CROSS-SECTIONS REFLECT BASE-BID ONLY

Scale:
Vertical Scale: 1"=10'-0"
Horizontal Scale: 1"=100'-0"

STATE OF LOUISIANA
MARC J. ROGERS
REG. No. 16940
REGISTERED
PROFESSIONAL ENGINEER
CIVIL
2/18/97

NOTE:
DRAWING IS 1/2 OF ORIGINAL SCALE

Prepared By:
COASTAL ENGINEERING AND ENVIRONMENTAL CONSULTANTS, INC.
Engineering - Surveying - Planners - Environmental Consulting

DRAWN:	D.J.P.	DRAWING:	1136-48	DATE: SEPT. 4, 1997
CHECKED:	C.F.P.	SCALE:	AS SHOWN	JOB No.: 1136

DATE	DESCRIPTION	BY
	REVISIONS	

EAST ISLAND CROSS-SECTIONS

STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

ISLE DERNIERES RESTORATION PROJECT
EAST ISLAND - PHASE 0

T. BAKER SMITH & SON, INC.
CIVIL ENGINEERS - SURVEYORS - ENVIRONMENTAL RESEARCH
P.O. BOX 2265 HOUMA, LOUISIANA 70361

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