

APPENDIX A

Change Orders and Field Orders

CHANGE ORDER NO. 1

PROJECT:

New Cut Dune/Marsh Restoration Project

DATE OF ISSUANCE:

April 24, 2007

RECEIVED

JUN 13 2007

OWNER:

Louisiana Department of Natural Resources
1440 Tiger Drive STE B
Thibodaux, LA 70301

OWNER'S PROJECT NO.

TE-37

.....ced.....

CONTRACTOR:

Weeks Marine, Inc.
304 Gaille Drive
Covington, Louisiana 70433

ENGINEER:

T. Baker Smith, Inc.
412 S. Van Ave.
Houma, LA 70363

CONTRACT FOR:

New Cut Dune/Marsh Restoration Project

ENGINEER'S PROJECT NO.

2006.1619

You are directed to make the following changes in the Contract Documents.

Description:

The final quantity for bid item no. 4, Containment Dikes, exceeded the original contract quantity by 524 L.F. due to revisions in project design issued in Field Order No. 1.

The final quantity of Containment Dikes, as verified by the TBS project representative, is 8,024 L.F. The final surveyed alignment points of the bay-side containment dike are listed in Attachment No. 1.

The contract time is to be extended by 17 calendar days to account for adverse weather conditions from the Months of December to March. The number of adverse weather days provided for in the contract, along with the dates of the 17 additional adverse weather days, can be seen in Attachment No. 2.

Final pre-construction survey data was submitted by the contractor on January 30, 2007, and revised plans (Field Order No. 1) were issued to the Contractor on February 7, 2007. The contract time is to be extended by an additional 10 calendar days to account for delays to the contractors construction progress due to revisions in project design issued in Field Order No. 1.

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIME:
Original Contract Price \$ <u>9,665,022.50</u>	Original Contract Time <u>180 Calendar Days</u> days or date
Previous Change Orders \$ <u>0.00</u>	Net Change from previous Change Orders <u>0 Calendar Days</u> days or date
Contract Price Prior to This Change Order \$ <u>9,665,022.50</u>	Contract Time Prior to this Change Order <u>180 Calendar Days</u> days or date
Net Increase of this Change Order \$ <u>23,056.00</u>	Net Increase of this Change Order <u>27 Calendar Days</u> days or date
Contract Price with all approved Change Orders \$ <u>9,688,078.50</u>	Contract Time with all approved Change Orders <u>207 Calendar Days</u> days or date

RECOMMENDED: By: Benny J. Kennedy Engineer Date: 5/11/07
APPROVED: By: Daniel DeArmond LDNR Date: 6/15/07

APPROVED: By: [Signature] Contractor Date: 6/14/07

CHANGE ORDER NO. 1
ATTACHMENT NO. 1

FINAL CONTAINMENT DIKE FOOTAGE

PT Num.	x	y	EI	Notes	Location	Total Distance
3000	3482856.29	203311.10	5.88	pay	North Dike	
3001	3483736.36	203635.68	5.93	pay	North Dike	
3002	3484377.58	203875.40	7.07	pay	North Dike	
3003	3484938.16	204080.19	6.30	pay	North Dike	
3004	3485485.58	204283.70	6.85	pay	North Dike	
3005	3486662.36	204616.64	6.67	pay	North Dike	
3006	3487245.88	204724.22	7.00	pay	North Dike	
3007	3487848.05	204833.32	7.20	pay	North Dike	
3008	3488456.63	204947.97	6.34	pay	North Dike	
3009	3489050.95	204947.65	6.53	pay	North Dike	
3010	3489699.22	204840.06	6.10	pay	North Dike	
3011	3490018.98	204866.60	6.79	pay	North Dike	
3012	3490620.00	204861.34	6.36	pay	North Dike	8023.90

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**CHANGE ORDER NO. 1
ATTACHMENT NO. 2**

Additional Weather Days - December 2006 through March 2007

Adverse Weather Days Claimed

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
December	■		■	■					■					■	■	■	■	■				■		■	■	■	■	■	■	■	■	■
January													■	■	■	■	■	■	■	■	■					■	■	■				■
February																																
March																																

Adverse Weather Days Credited to Contractor

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
December	■		■	■					■						■	■	■	■	■				■		■	■	■	■	■	■	■	■
January													■	■			■	■	■	■	■					■						■
February																																
March																																

* December 15th and 16th contractor's crews were working on site. Survey crew working on a different jobsite. Days are not approved.

* January 27th and 28th contractor's crews were shut down due to mechanical problems with dredge. Survey crew on break for weekend. Days not approved.

Total Weather Days Approved for December:	17
Total Days Allowed for December:	4
Additional Days Due for December:	13
Total Weather Days Approved for January:	9
Total Days Allowed for January:	5
Additional Days Due for January:	4
Total Additional Days Due for Weather:	17

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CHANGE ORDER NO. 2

PROJECT:

New Cut Dune/Marsh Restoration Project

DATE OF ISSUANCE:

June 27, 2007

OWNER:

Louisiana Department of Natural Resources
1440 Tiger Drive STE B
Thibodaux, LA 70301

OWNER'S PROJECT NO.

TE-37

CONTRACTOR:

Weeks Marine, Inc.
304 Gaille Drive
Covington, Louisiana 70433

ENGINEER:

T. Baker Smith, Inc.
412 S. Van Ave.
Houma, LA 70363

CONTRACT FOR:

New Cut Dune/Marsh Restoration Project

ENGINEER'S PROJECT NO.

2006.1619

You are directed to make the following changes in the Contract Documents.

Description:

The contract time is to be extended by 6 calendar days to account for adverse weather conditions for the month of May. The number of adverse weather days provided for in the contract, along with the dates of the 6 additional adverse weather days, can be seen in Attachment No. 1.

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AUG 22 2007
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CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIME:
Original Contract Price \$ 9,665,022.50	Original Contract Time 180 Calendar Days days or date
Previous Change Orders \$ 23,056.00	Net Change from previous Change Orders 27 Calendar Days days or date
Contract Price Prior to This Change Order \$ 9,688,078.50	Contract Time Prior to this Change Order 207 Calendar Days days or date
Net Increase of this Change Order \$ 0.00	Net Increase of this Change Order 6 Calendar Days days or date
Contract Price with all approved Change Orders \$ 9,688,078.50	Contract Time with all approved Change Orders 213 Calendar Days days or date

RECOMMENDED:

By: *Benny J. Kennedy*
Engineer
Date: 7/2/07

APPROVED:

By: *Daniel DeArmond*
LDNF
Date: 8/23/07

APPROVED:

By: *Darryl W. Johnson*
Contractor
Date: 7-17-07

CHANGE ORDER NO. 2
ATTACHMENT NO. 1

Additional Weather Days - May 2007

Adverse Weather Days Claimed

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
May																																	

Total Weather Days Approved for May:	10
Total Days Allowed for May:	4
Additional Days Due for May:	6
Total Additional Days Due for Weather:	6

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AUG 22 2007
cep

CHANGE ORDER NO. 3

PROJECT:
New Cut Dune/Marsh Restoration Project

DATE OF ISSUANCE:
August 22, 2007

OWNER:
Louisiana Department of Natural Resources
1440 Tiger Drive STE B
Thibodaux, LA 70301

OWNER'S PROJECT NO.
TE-37

CONTRACTOR:
Weeks Marine, Inc.
304 Gaille Drive
Covington, Louisiana 70433

ENGINEER:
T. Baker Smith, Inc.
412 S. Van Ave.
Houma, LA 70363

CONTRACT FOR:
New Cut Dune/Marsh Restoration Project

ENGINEER'S PROJECT NO.
2006.1619

You are directed to make the following changes in the Contract Documents.

Description:

Add additional quantity of hydraulic dredging in the amount of 13,890 cubic yards for an adjusted contract total of 844,540 cubic yards.

In lieu of reducing the value of work performed due to deductions from 77 days of liquidated damages, the Contractor has elected to pump an additional quantity of material equal to the total value of these liquidated damages. This change order increases the contract quantity of hydraulic dredging for a total increase in Contract Price of \$106,260.00.

RECEIVED
AUG 28 2007
ccp

RECOMMENDED:

By: *Barry J. Kennedy*
Engineer
Date: 8/21/07

APPROVED:

By: *David Deane*
LDNR
Date: 8/29/07

APPROVED:

By: *Greg W. Johnson*
Contractor
Date: 8-22-07

FIELD ORDER NO. 1

PROJECT:
New Cut Dune/Marsh Restoration Project

DATE OF ISSUANCE:
February 6, 2007

OWNER:
Louisiana Department of Natural Resources
1440 Tiger Drive STE B
Thibodaux, LA 70301

OWNER'S PROJECT NO.
TE-37

CONTRACTOR:
Weeks Marine, Inc.
304 Gaille Drive
Covington, Louisiana 70433

ENGINEER:
T. Baker Smith, Inc.
412 S. Van Ave.
Houma, LA 70363

CONTRACT FOR:
New Cut Dune/Marsh Restoration Project

ENGINEER'S PROJECT NO.
2006.1619

You are directed to make the following changes in the Contract Documents.

Description:

1. Plan Sheet No. 3 has been revised and shall be replaced with the drawing listed as Attachment No. 1. The attached plan sheet shows a revised project design template (profile) which has been shifted 150' Gulfward from the original template. The marsh creation area or "marsh platform" has also been removed.
2. Plan Sheet No. 4 has been revised and shall be replaced with the drawing listed as Attachment No. 2. The attached plan sheet shows a revised containment dike alignment coinciding with the modifications to the design template. A note addressing effluent spill boxes has also been added.
3. Plan Sheet No. 5 has been revised and shall be replaced with the drawing listed as Attachment No. 3. The attached plan sheet shows revised geometry of the project design template.
4. Typical Section B-B' on Plan Sheet No. 12 is hereby deleted. Typical Section A-A' shall govern for all fill areas.
5. Plan Sheet No.'s 15 - 20 have been revised and shall be replaced with the drawings listed as Attachment No. 4.

Attachments:

1. Revised Plan Sheet No. 3
2. Revised Plan Sheet No. 4
3. Revised Plan Sheet No. 5
4. Revised Plan Sheet No.'s 15 - 20

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FEB 26 2007

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This Field Order does not constitute a change in Contract Time and/or Contract Cost.

RECOMMENDED:
By: *Benny J. Kennedy*
Engineer
Date: *2/7/07*

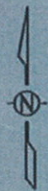
APPROVED:
By: *Daniel Deane*
LDNR
Date: *2/26/07*

ACCEPTED:
By: *Gary W. Johnson*
Contractor
Date: *2/19/07*

NOTES:

1. STA. 193+63 THROUGH 214+63 ARE SPACED AT 500' INTERVALS. STA. 220+63 THROUGH 292+76 ARE SPACED AT 600' INTERVALS.
2. SEE SHEET 12 FOR TYPICAL SECTION A-A' REFERENCE STATION 250+64
3. SEE SHEET 12 FOR TYPICAL SECTION C-C' REFERENCE STATION 274+64
4. THE ENDS OF ALL FEATURES SHALL BE GRADED TO EXISTING GROUND ON A SLOPE. CONTRACTOR IS PROHIBITED FROM TRAVERSING OVER ANY EXISTING VEGETATED AREAS OUTSIDE THE PROJECT CORRIDOR FOOT PRINT AND THE ACCESS CORRIDOR DENOTE ON SHEET 4.
5. ALL ELEVATIONS ARE GIVEN IN THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88), U.S. SURVEY FEET. ALL HORIZONTAL COORDINATES ARE GIVEN IN THE NORTH AMERICAN DATUM OF 1983 (NAD 83), U.S. SURVEY FEET.
6. CONTRACTOR SHALL SUBMIT DESIGN DRAWINGS OF THE EFFLUENT STRUCTURES TO LDNR FOR APPROVAL.
7. EFFLUENT SPILL BOX TO BE LOCATED SUCH THAT THE DREDGE EFFLUENT FLOWS INTO OPEN WATER/LOW LYING NON VEGETATED AREAS WHERE POSSIBLE.

SURVEY BASELINE COORDINATES		
PT.	X	Y
A	3,480,238.31	202,076.74
B	3,488,399.75	205,094.59
C	3,489,013.79	205,184.32
D	3,490,193.57	205,166.46
E	3,491,192.35	204,938.55



ACTIVE OYSTER LEASE # 2720099

LEGEND	
	BAY BERM
	DUNE PLATFORM
	GULF BERM
	GULF SLOPE
	OPEN WATER

TRINITY ISLAND

TE24-SM-02
X = 3,477,189.08
Y = 201,525.64
ELEV. = 4.42'



REV.	DATE	DESCRIPTION	BY
1	2/1/07	TEMPLATE MOVED 150' TOWARD GULF	KC
2	2/1/07	DELETED MARSH CREATION & EXISTING MARSH	KC
3	2/1/07	MOVED EFFLUENT STRUCTURES	KC
4	2/1/07	ADDED NOTE 8	KC
5	2/1/07	NEW MONUMENT	KC

LOUISIANA DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION
617 NORTH 3RD STREET
BATON ROUGE, LOUISIANA 70802

NEW CUT DUNE/MARSH RESTORATION PROJECT

PROJECT LAYOUT

STATE PROJECT NUMBER: TE-37

FEDERAL PROJECT NUMBER: TE-11A

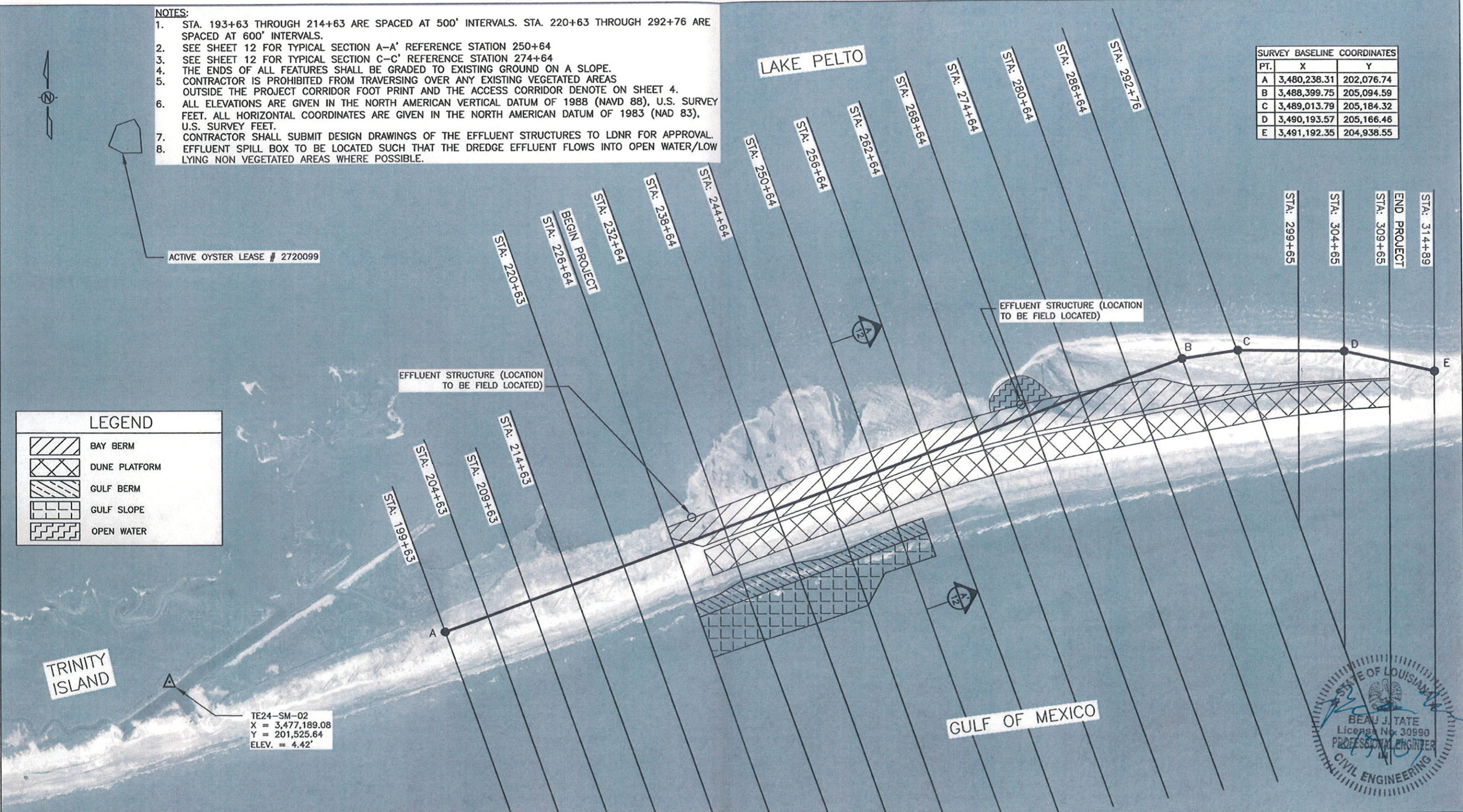
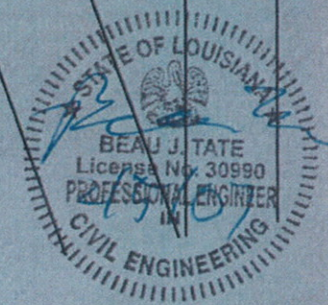
DATE: FEBRUARY 2006

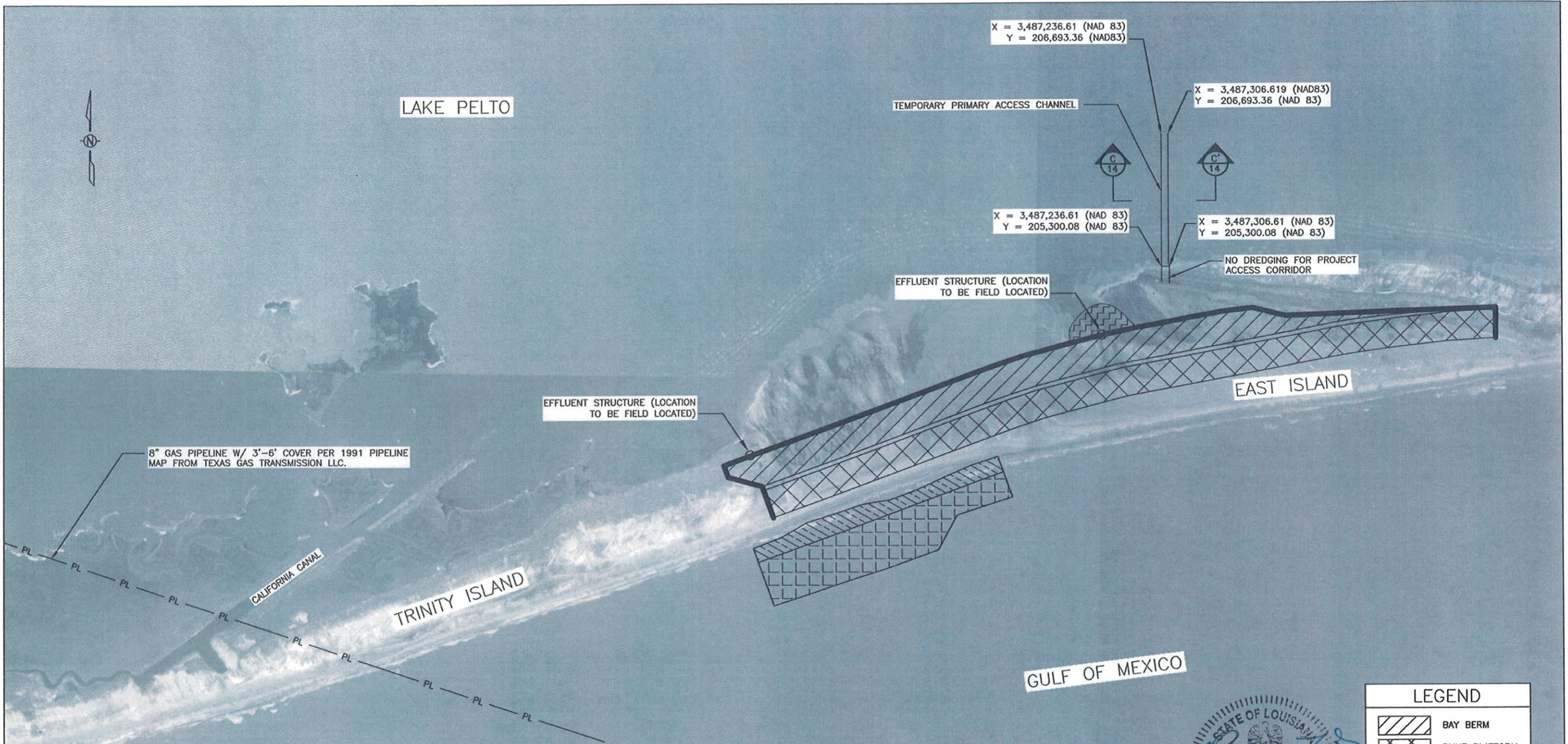
DRAWN BY: SHANE FAUST

DESIGNED BY: RICKEY BROUILLETTE, P.E.

APPROVED BY: LUKE LE BAS, P.E.

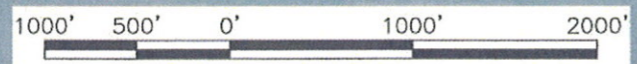
SHEET 3 OF 21





NOTE:

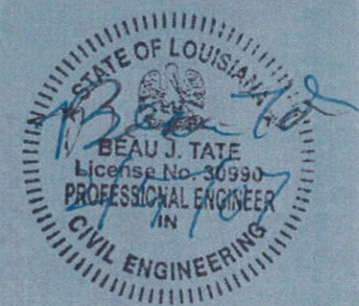
1. TEMPORARY PRIMARY ACCESS CHANNEL FOR OFFLOADING ALL HEAVY EQUIPMENT AND PIPES SHALL BE 1500' LONG X 100' WIDE X 6' BELOW MLW. SEE CROSS SECTION C-C' ON SHEET 14 (APPROXIMATELY 24,000 CYDS) FOR MORE DETAIL. FILL IN CHANNEL PRIOR TO DEMOBILIZATION.
2. CONTAINMENT DIKE TO BE DEGRADED TO MATCH FILL ELEVATION PRIOR TO DEMOBILIZATION.
3. EFFLUENT SPILL BOX TO BE LOCATED SUCH THAT THE DREDGE EFFLUENT FLOWS INTO OPEN WATER/LOW LYING NON VEGETATED AREAS WHERE POSSIBLE.



REV.	DATE	DESCRIPTION	BY
1	2/1/07	REVISED CONTAINMENT ALIGNMENT	KC
2	2/1/07	DELETED MARSH CREATION & EXISTING MARSH	KC
2	2/1/07	ADDED OPEN WATER AREA	KC
2	2/1/07	ADDED EFFLUENT STRUCTURES	KC
2	2/1/07	ADDED NOTE 3	KC

LOUISIANA DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION
 617 NORTH 3RD STREET
 BATON ROUGE, LOUISIANA 70802

DRAWN BY: SHANE FAUST DESIGNED BY: RICKEY BROUILLETTE, P.E.



LEGEND	
	BAY BERM
	DUNE PLATFORM
	GULF BERM
	GULF SLOPE
	OPEN WATER
	CONTAINMENT

NEW CUT DUNE/MARSH RESTORATION PROJECT		CONSTRUCTION ACCESS
STATE PROJECT NUMBER: TE-37		DATE: FEBRUARY 2006
FEDERAL PROJECT NUMBER: TE-37		
APPROVED BY: LUKE LE BAS, P.E.		SHEET 4 OF 21

TABLE 1

PROFILE	BEARING	COORDINATE @ BASELINE	
		X	Y
STA. 214+63	N 19°13'16" W	3481645.44	202597.05
STA. 220+63	N 19°13'16" W	3482208.32	202805.19
STA. 226+64	N 19°13'16" W	3482771.18	203013.31
STA. 232+64	N 19°13'16" W	3483334.03	203221.44
STA. 238+64	N 19°13'16" W	3483896.90	203429.57
STA. 244+64	N 19°13'16" W	3484459.75	203637.70
STA. 250+64	N 19°13'16" W	3485022.61	203845.83
STA. 256+64	N 19°13'16" W	3485585.46	204053.95
STA. 262+64	N 19°13'16" W	3486148.33	204262.08
STA. 268+64	N 19°13'16" W	3486711.18	204470.21
STA. 274+64	N 19°13'16" W	3487274.04	204678.33
STA. 280+64	N 19°13'16" W	3487836.89	204886.46
STA. 286+64	N 19°13'16" W	3488399.75	205094.59
STA. 292+76	N 19°13'16" W	3489004.38	205182.94
STA. 299+65	S 0°18'47" W	3489693.62	205174.70
STA. 304+65	S 0°18'47" W	3490193.57	205166.46
STA. 309+77	S 0°18'47" W	3490692.97	205052.51

TABLE 2

STA. 226+64		STA. 232+64		STA. 238+64		STA. 244+64	
OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
473	4.00	-235	4.00	-235	4.00	-235	4.00
833	4.00	25	4.00	104	4.00	105	4.00
1411	-7.54	133	5.87	150	7.00	150	7.00
		150	7.00	450	7.00	450	7.00
		450	7.00	508	3.10	495	4.00
		495	4.00	622	4.00	833	4.00
		834	4.00	834	4.00	1453	-8.39
		1405	-7.38	1428	-7.88		

TABLE 3

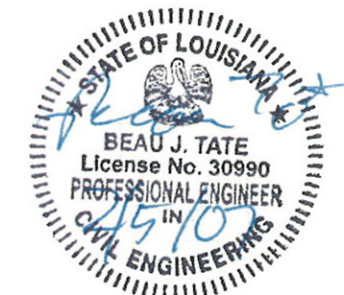
STA. 250+64		STA. 256+64		STA. 262+64		STA. 268+64	
OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
-235	4.00	-235	4.00	-197	4.00	-138	4.00
105	4.00	105	4.00	143	4.00	202	4.00
150	7.00	150	7.00	188	7.00	247	7.00
450	7.00	450	7.00	489	7.00	550	7.00
494	4.00	515	2.68	552	2.78	607	3.24
833	4.00						
1454	-8.50						

TABLE 4

STA. 274+64		STA. 280+64		STA. 286+64		STA. 292+76	
OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
-38	4.00	65	4.00	161	4.00	246	4.00
302	4.00	405	4.00	501	4.00	474	4.00
348	7.00	450	7.00	547	7.00	520	7.00
651	7.00	750	7.00	850	7.00	826	7.00
708	3.20	796	4.15	889	4.44	855	5.13

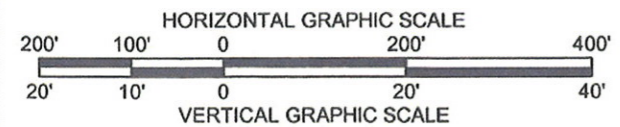
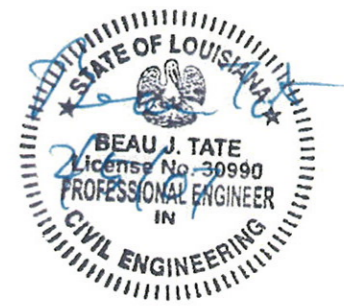
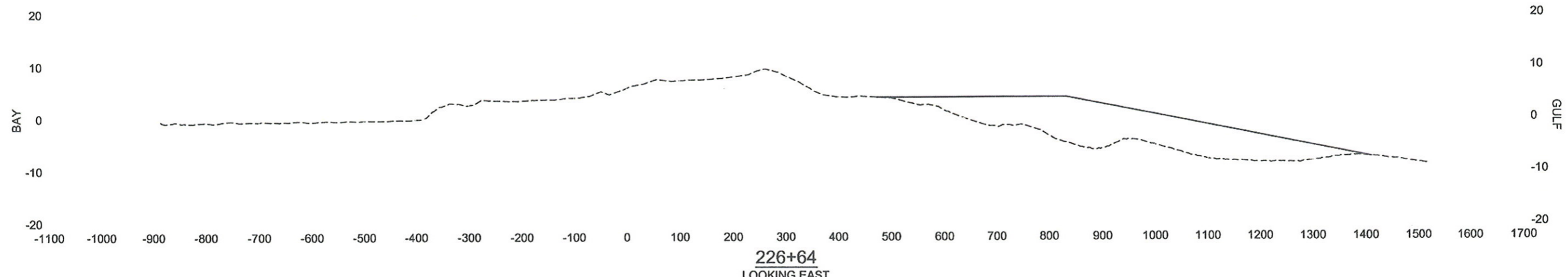
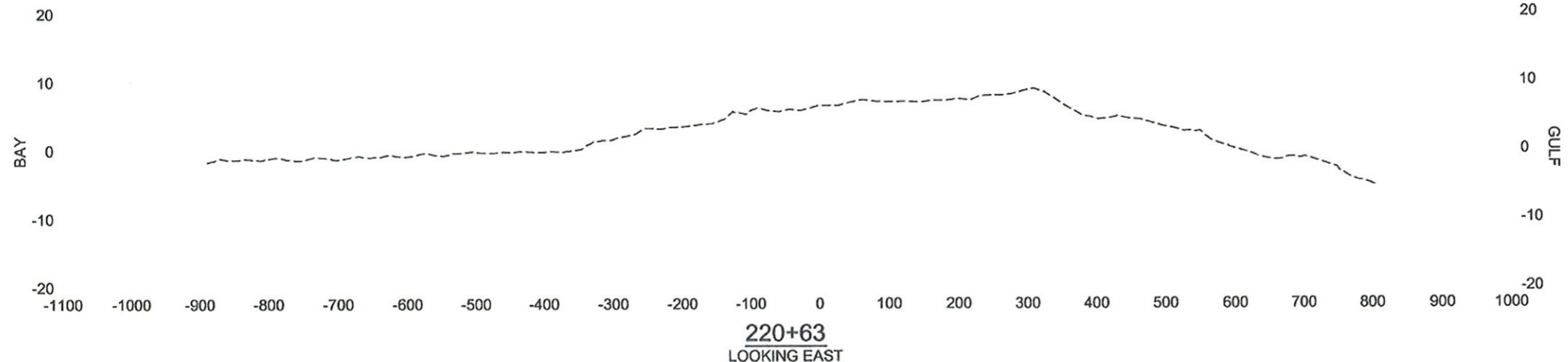
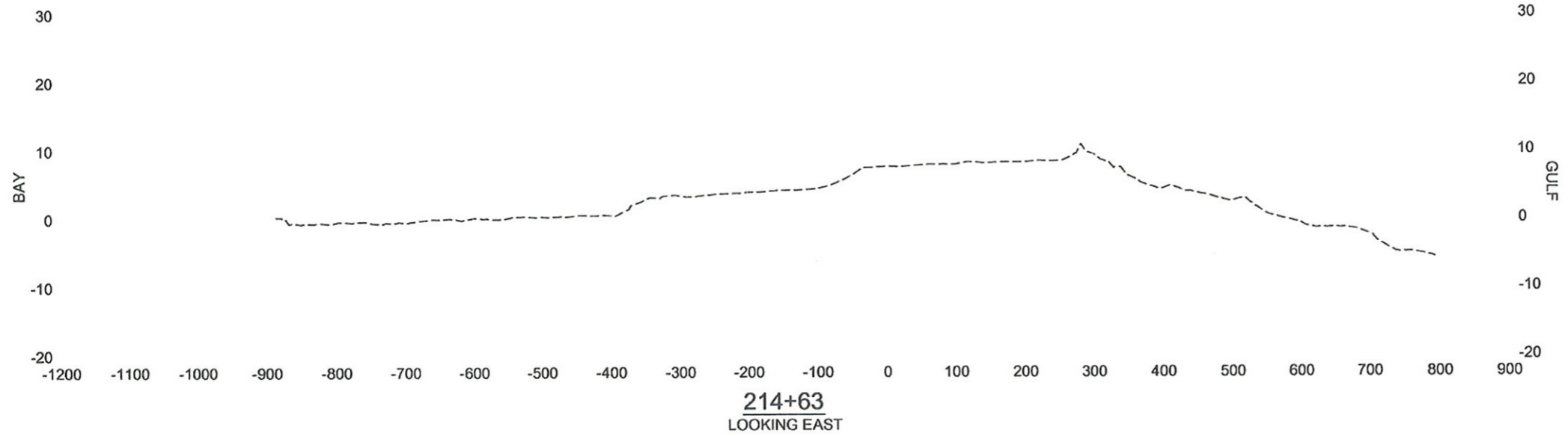
TABLE 5

STA. 299+65		STA. 304+65		STA. 309+65	
OFFSET	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
350	2.65	298	3.48	203	6.52
417	7.00	351	7.00	210	7.00
719	7.00	653	7.00	510	7.00
763	4.10	688	4.70	540	5.01



- NOTES:
1. OFFSET DISTANCES ARE IN FEET. ELEVATIONS ARE IN FEET.
 2. THE NEGATIVE OFFSET NUMBERS ARE HEADING NORTH FROM THE BASELINE/PROFILE INTERSECTION COORDINATE ALONG THE GIVEN BEARING.
 3. THE POSITIVE OFFSET NUMBERS ARE HEADING SOUTH FROM THE BASELINE/PROFILE INTERSECTION COORDINATE ALONG THE GIVEN BEARING.

1	2/1/07	DELETED ORIGINAL TABLE 2	KC	LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL ENGINEERING DIVISION 617 NORTH 3RD STREET BATON ROUGE, LOUISIANA 70802	NEW CUT DUNE/MARSH RESTORATION PROJECT	PROFILE LAYOUTS
2	2/1/07	REVISED TABLES 2, 3, 4, AND 5	KC			
REV.	DATE	DESCRIPTION	BY	DRAWN BY: SHANE FAUST	DESIGNED BY: RICKEY BROUILLETTE, P.E.	APPROVED BY: LUKE LE BAS, P.E.
				STATE PROJECT NUMBER: TE-37	DATE: FEBRUARY 2006	
				FEDERAL PROJECT NUMBER: TE-37	SHEET 5 OF 21	



LEGEND	
---	EXISTING GROUND
—	PROPOSED TEMPLATE

REV.	DATE	DESCRIPTION	BY
1	2/1/07	REVISED EXISTING GROUND	KC

LOUISIANA DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION
 617 NORTH 3RD STREET
 BATON ROUGE, LOUISIANA 70802

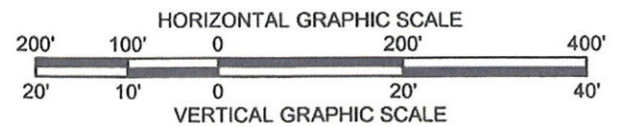
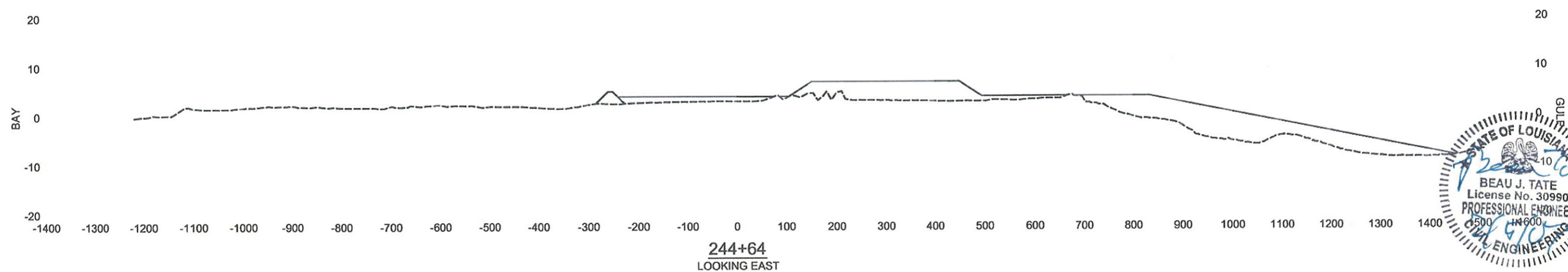
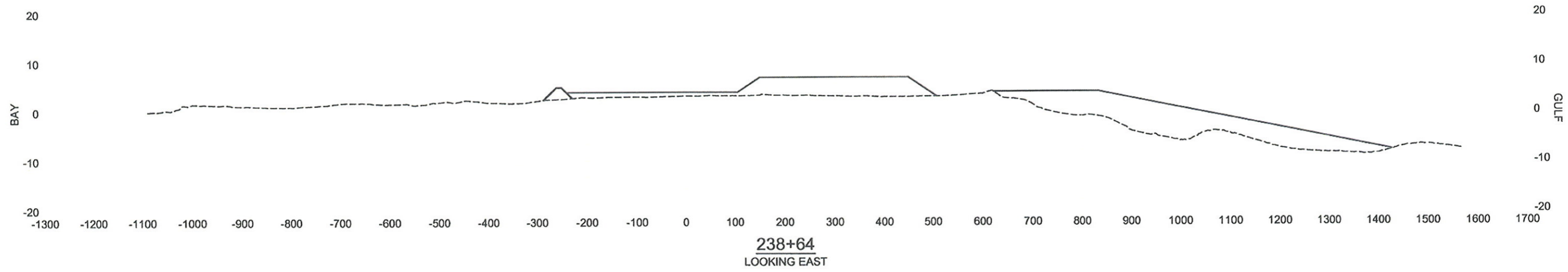
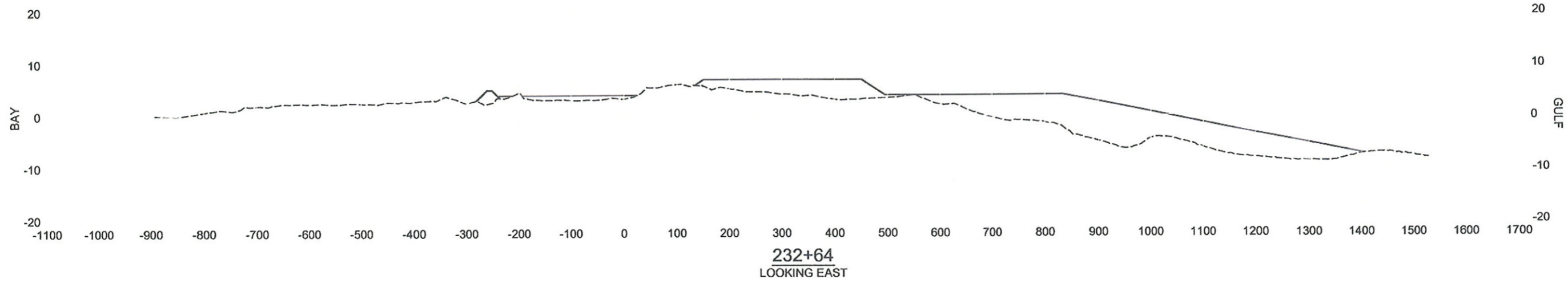
DRAWN BY: KRISTI CANTU DESIGNED BY: BEAU TATE, P.E.

NEW CUT DUNE/MARSH
 RESTORATION PROJECT

STATE PROJECT NUMBER: TE-37
 FEDERAL PROJECT NUMBER: TE-37
 APPROVED BY: LUKE LEBAS, P.E.

PRELIMINARY
 CROSS SECTIONS

DATE: FEBRUARY 2006
 SHEET 15 OF 21



LEGEND	
---	EXISTING GROUND
—	PROPOSED TEMPLATE

REV.	DATE	DESCRIPTION	BY
1	2/1/07	REVISED EXISTING GROUND	KC

LOUISIANA DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION
 617 NORTH 3RD STREET
 BATON ROUGE, LOUISIANA 70802

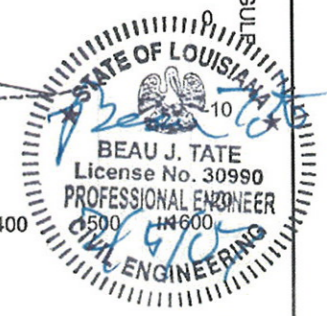
DRAWN BY: KRISTI CANTU DESIGNED BY: BEAU TATE, P.E.

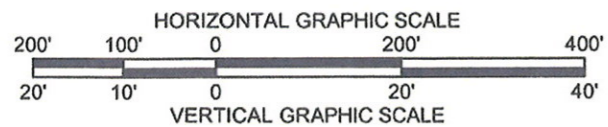
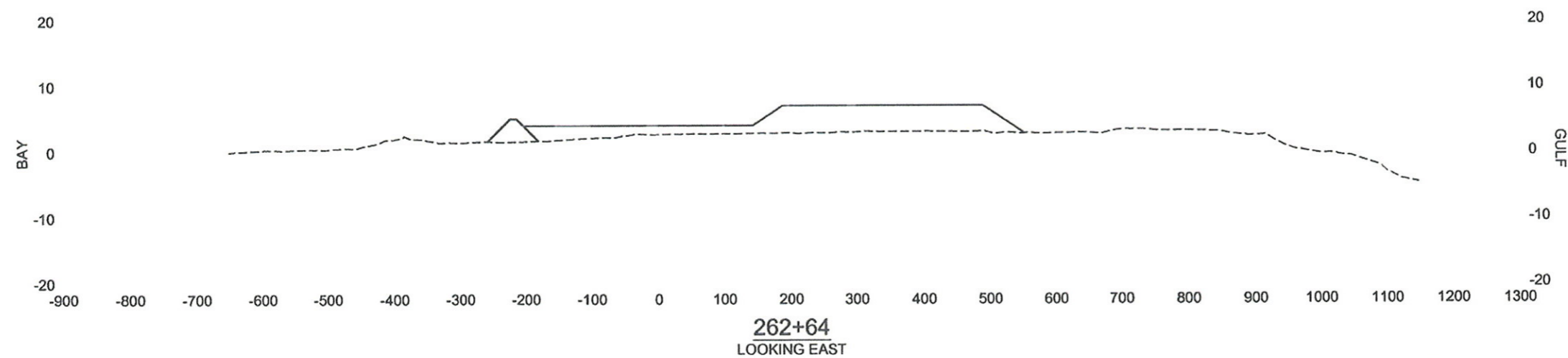
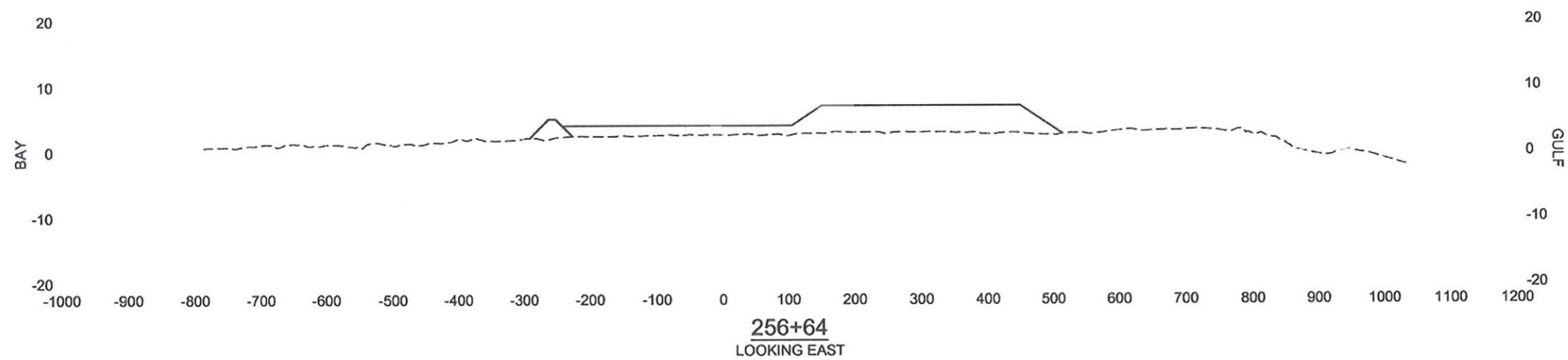
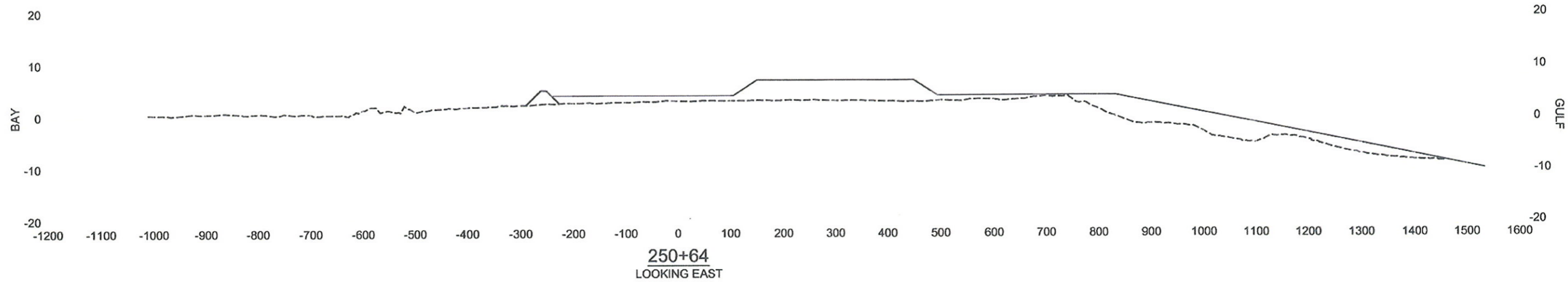
NEW CUT DUNE/MARSH RESTORATION PROJECT

STATE PROJECT NUMBER: TE-37
 FEDERAL PROJECT NUMBER: TE-37
 APPROVED BY: LUKE LEBAS, P.E.

PRELIMINARY CROSS SECTIONS

DATE: FEBRUARY 2006
 SHEET 16 OF 21





LEGEND	
---	EXISTING GROUND
—	PROPOSED TEMPLATE

REV.	DATE	DESCRIPTION	BY
1	2/1/07	REVISED EXISTING GROUND	KC

LOUISIANA DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION
617 NORTH 3RD STREET
BATON ROUGE, LOUISIANA 70802

DRAWN BY: KRISTI CANTU DESIGNED BY: BEAU TATE, P.E.

NEW CUT DUNE/MARSH
RESTORATION PROJECT

STATE PROJECT NUMBER: TE-37

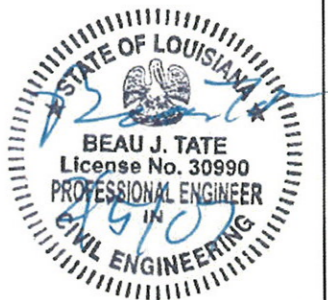
FEDERAL PROJECT NUMBER: TE-37

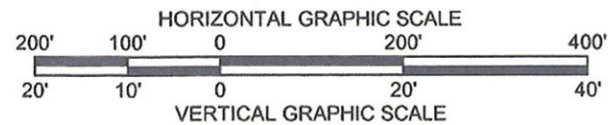
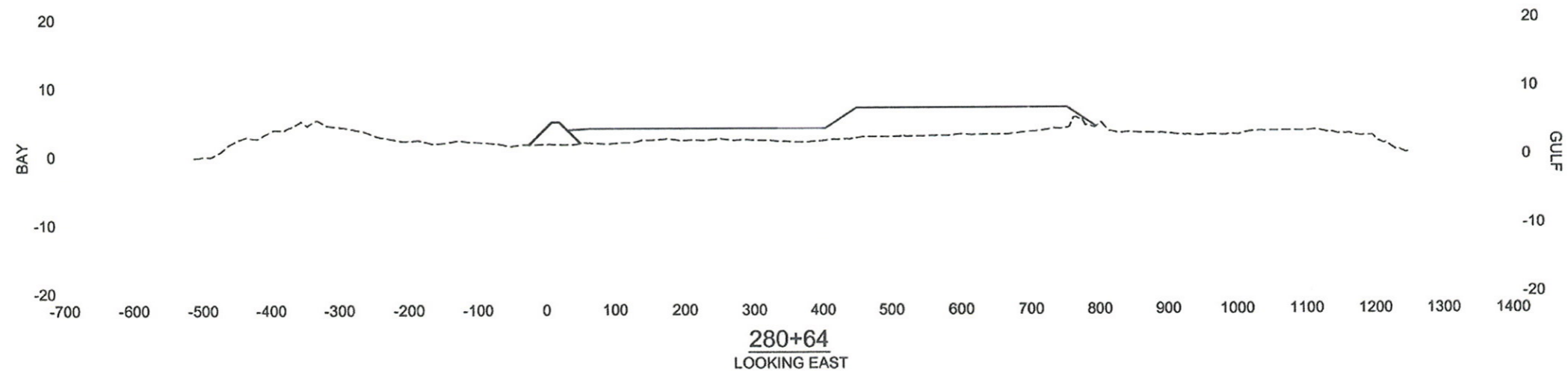
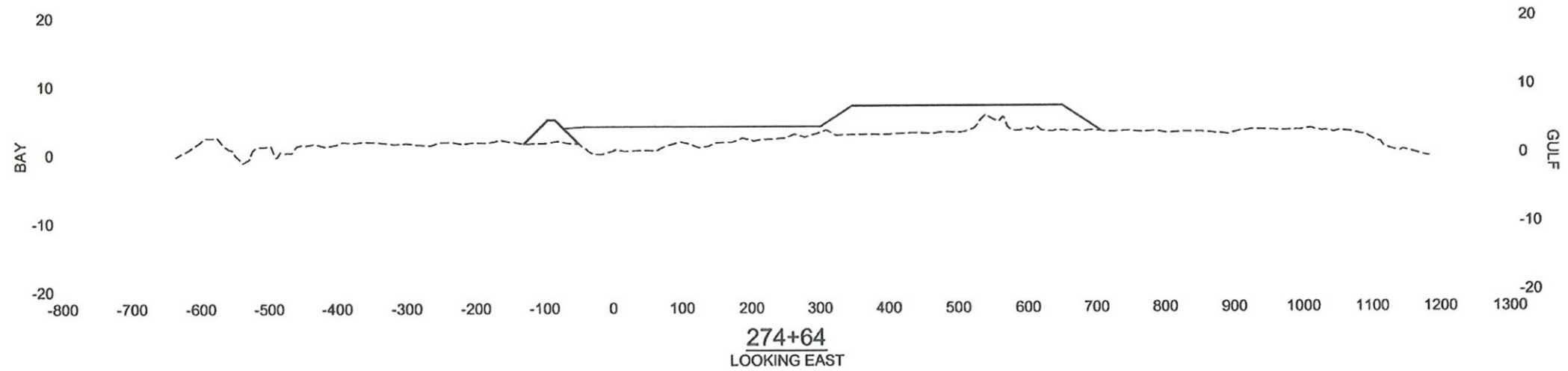
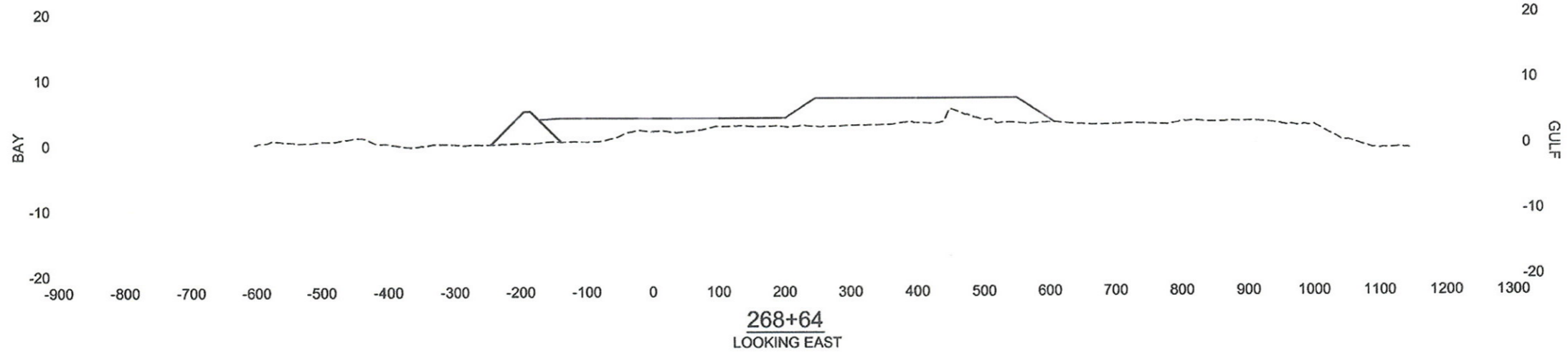
APPROVED BY: LUKE LEBAS, P.E.

PRELIMINARY
CROSS SECTIONS

DATE: DECEMBER 2005

SHEET 17 OF 21





LEGEND	
---	EXISTING GROUND
—	PROPOSED TEMPLATE

REV.	DATE	DESCRIPTION	BY
1	2/1/07	REVISED EXISTING GROUND	KC

LOUISIANA DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION
617 NORTH 3RD STREET
BATON ROUGE, LOUISIANA 70802

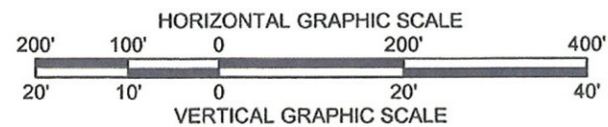
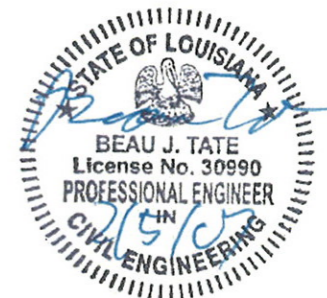
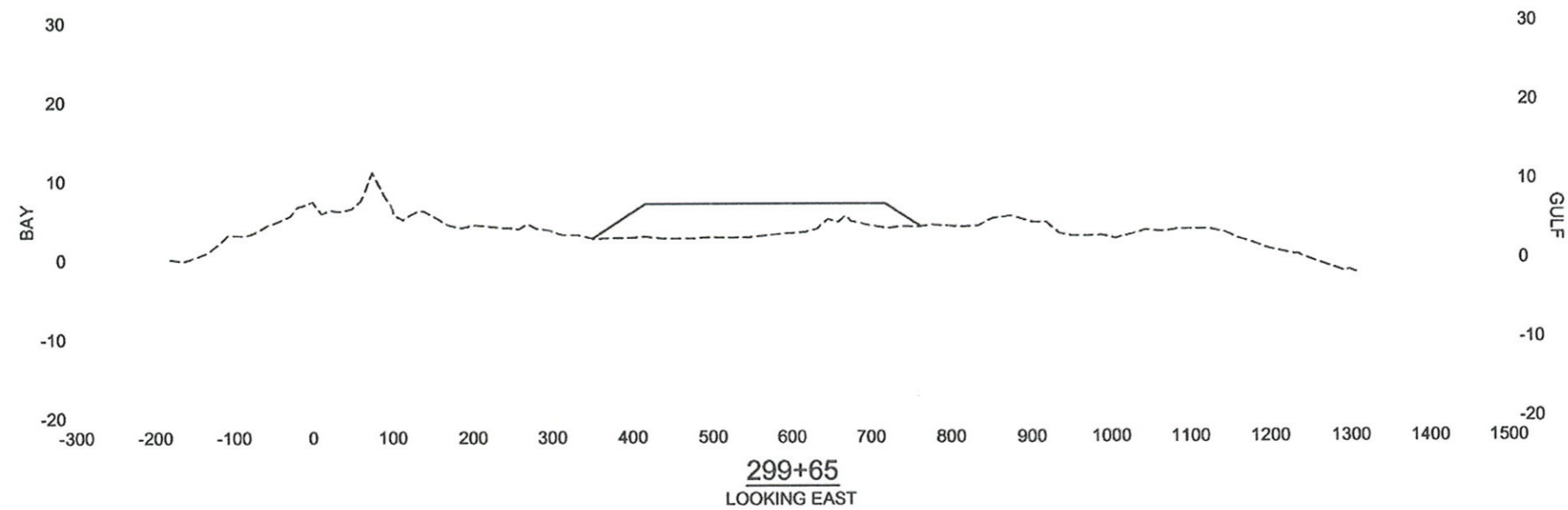
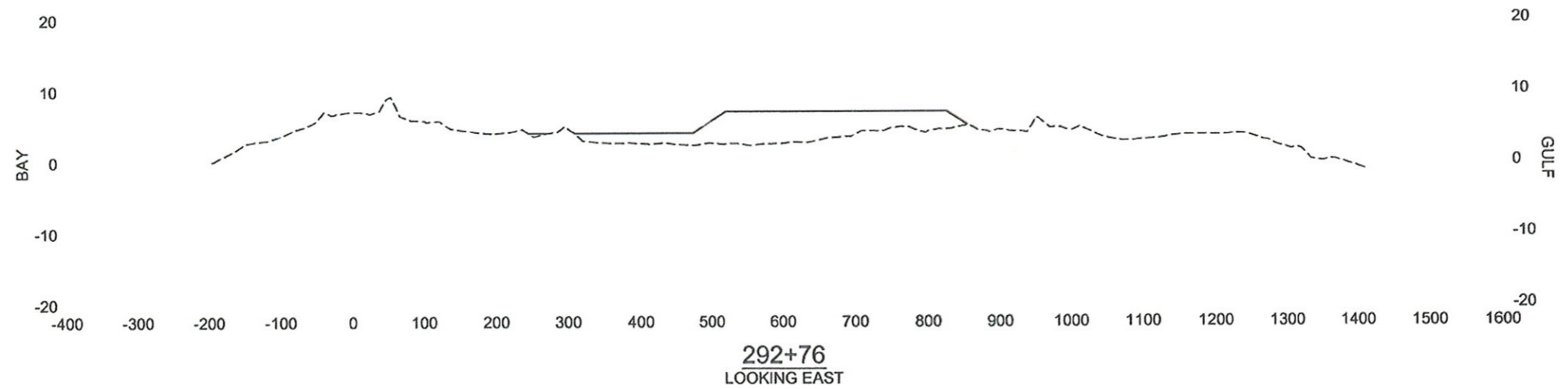
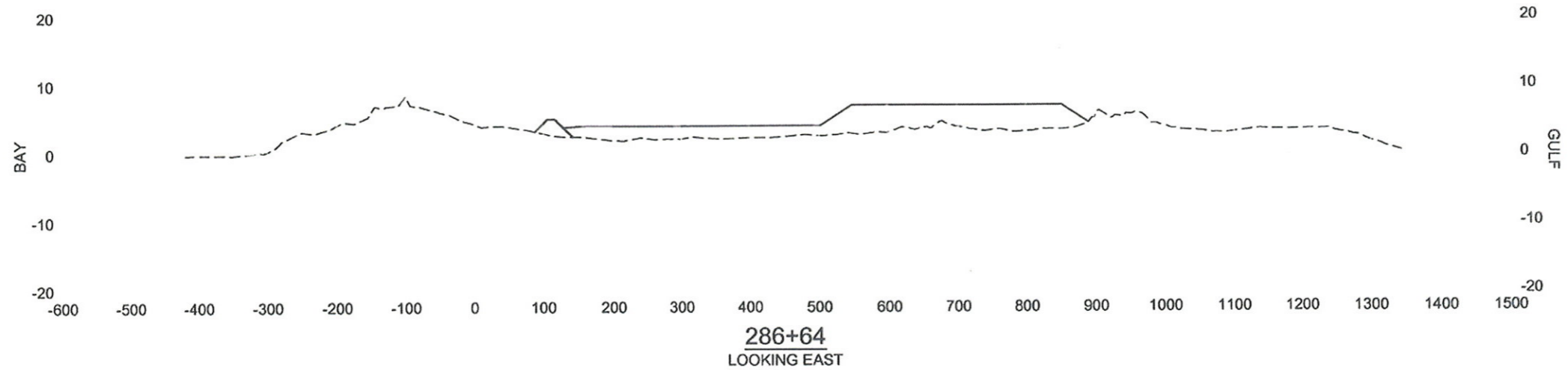
DRAWN BY: KRISTI CANTU DESIGNED BY: BEAU TATE, P.E.

NEW CUT DUNE/MARSH
RESTORATION PROJECT

STATE PROJECT NUMBER: TE-37
FEDERAL PROJECT NUMBER: TE-37
APPROVED BY: LUKE LEBAS, P.E.

PRELIMINARY
CROSS SECTIONS

DATE: DECEMBER 2005
SHEET 18 OF 21



LEGEND	
---	EXISTING GROUND
—	PROPOSED TEMPLATE

REV.	DATE	DESCRIPTION	BY
1	2/1/07	REVISED EXISTING GROUND	KC

LOUISIANA DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

617 NORTH 3RD STREET
BATON ROUGE, LOUISIANA 70802

DRAWN BY: KRISTI CANTU DESIGNED BY: BEAU TATE, P.E.

NEW CUT DUNE/MARSH
RESTORATION PROJECT

STATE PROJECT NUMBER: TE-37

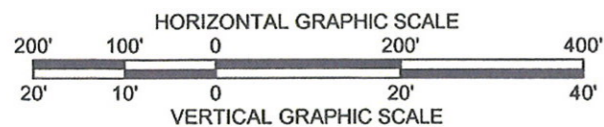
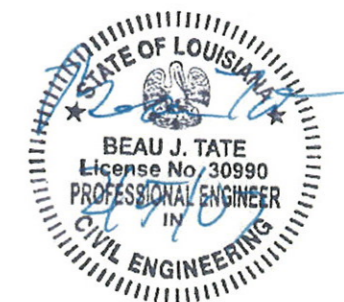
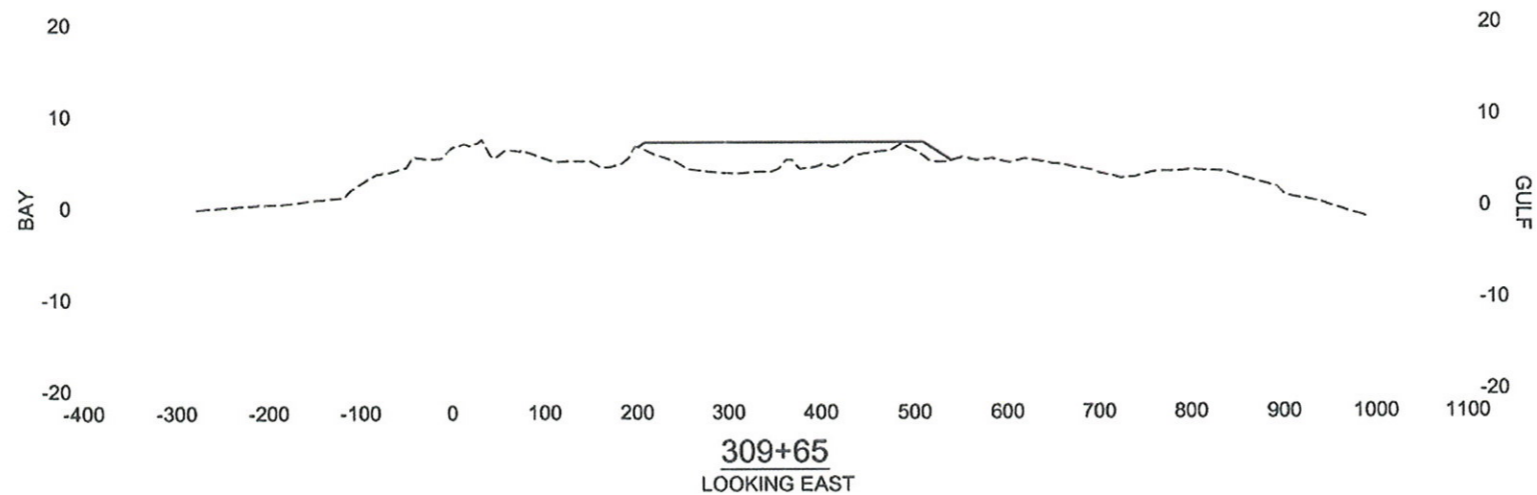
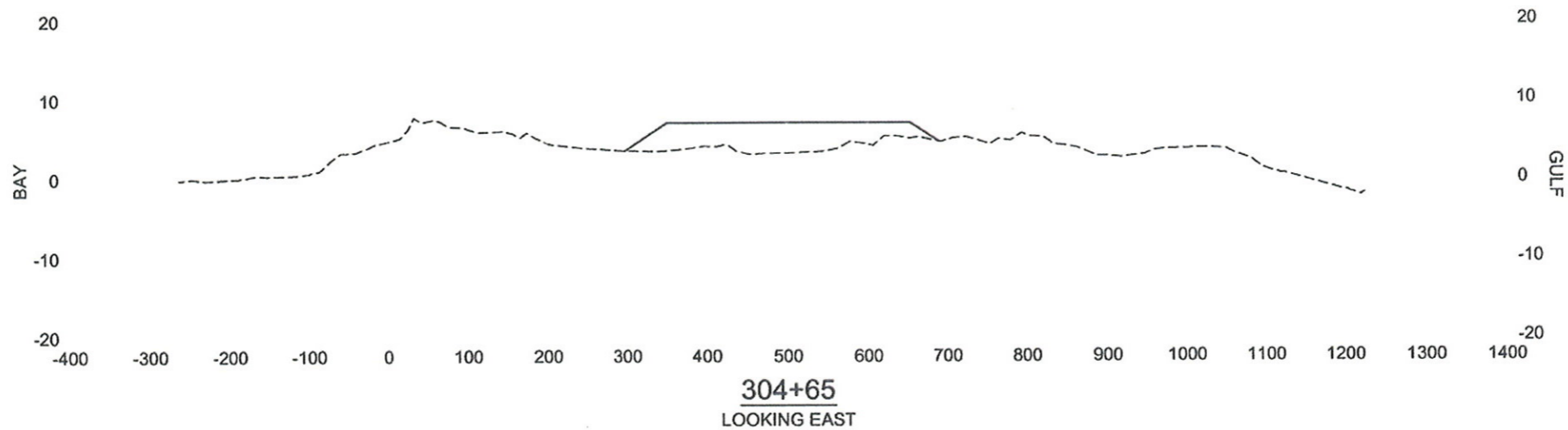
FEDERAL PROJECT NUMBER: TE-37

APPROVED BY: LUKE LEBAS, P.E.

PRELIMINARY
CROSS SECTIONS

DATE: FEBRUARY 2006

SHEET 19 OF 21



LEGEND	
---	EXISTING GROUND
—	PROPOSED TEMPLATE

REV.	DATE	DESCRIPTION	BY
1	2/1/07	REVISED EXISTING GROUND	KC

LOUISIANA DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

617 NORTH 3RD STREET
 BATON ROUGE, LOUISIANA 70802

DRAWN BY: KRISTI CANTU DESIGNED BY: BEAU TATE, P.E.

NEW CUT DUNE/MARSH
 RESTORATION PROJECT

STATE PROJECT NUMBER: TE-37

FEDERAL PROJECT NUMBER: TE-37

APPROVED BY: LUKE LEBAS, P.E.

PRELIMINARY
 CROSS SECTIONS

DATE: FEBRUARY 2006

SHEET 20 OF 21

FIELD ORDER NO. 2

PROJECT:
New Cut Dune/Marsh Restoration Project

DATE OF ISSUANCE:
April 24, 2007

OWNER:
Louisiana Department of Natural Resources
1440 Tiger Drive STE B
Thibodaux, LA 70301

OWNER'S PROJECT NO.
TE-37

CONTRACTOR:
Weeks Marine, Inc.
304 Gaille Drive
Covington, Louisiana 70433

ENGINEER:
T. Baker Smith, Inc.
412 S. Van Ave.
Houma, LA 70363

CONTRACT FOR:
New Cut Dune/Marsh Restoration Project

ENGINEER'S PROJECT NO.
2006.1619

You are directed to make the following changes in the Contract Documents.

Description:

Plan Sheet No. 11 has been revised and shall be replaced with the attached drawing. The revised plan sheet shows two (2) rows of sand fence, as opposed to the single row in the original plans. The current contract quantity is sufficient to construct the sand fence in this manner.

Attachments:

Revised Plan Sheet No. 11

RECEIVED

MAY 01 2007

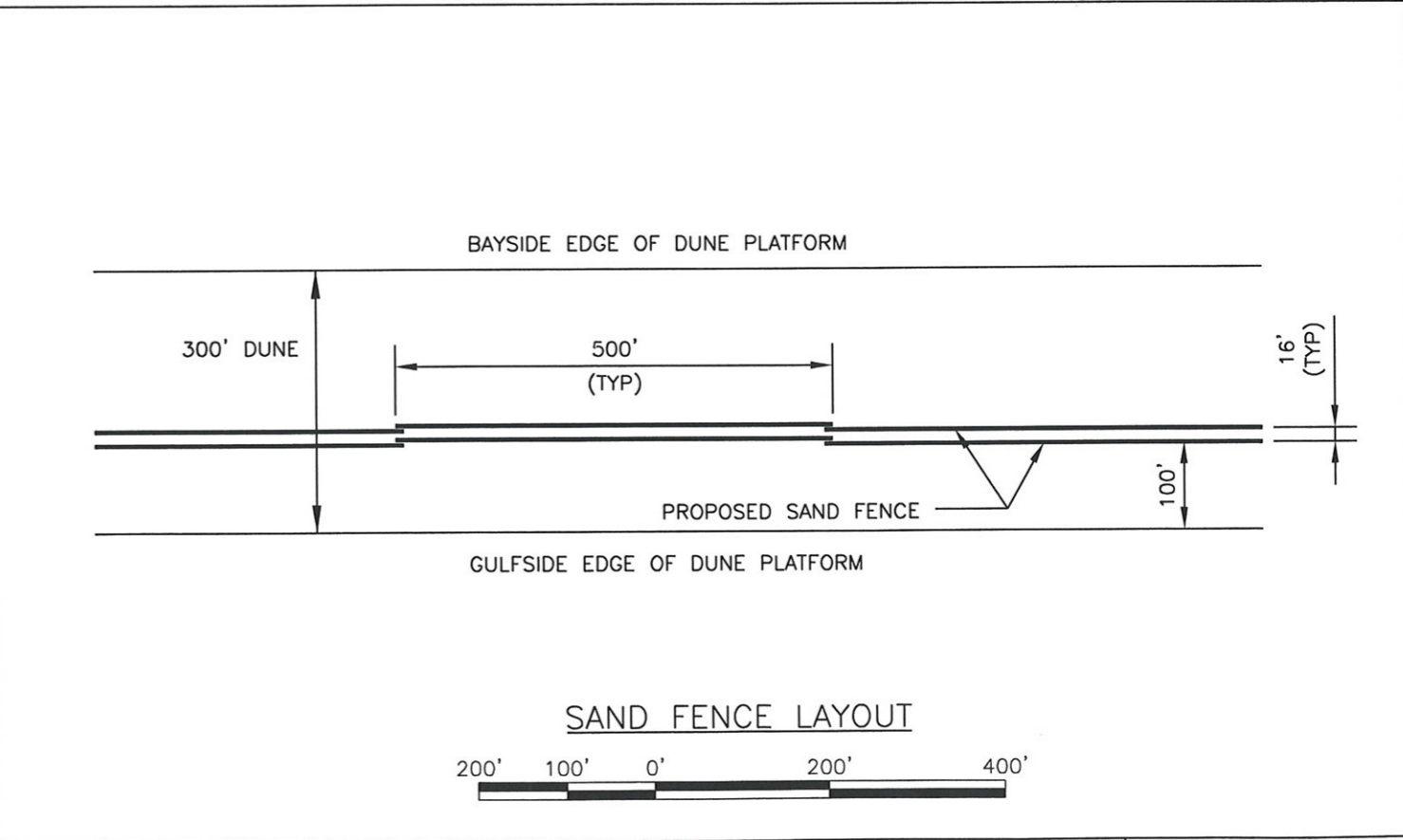
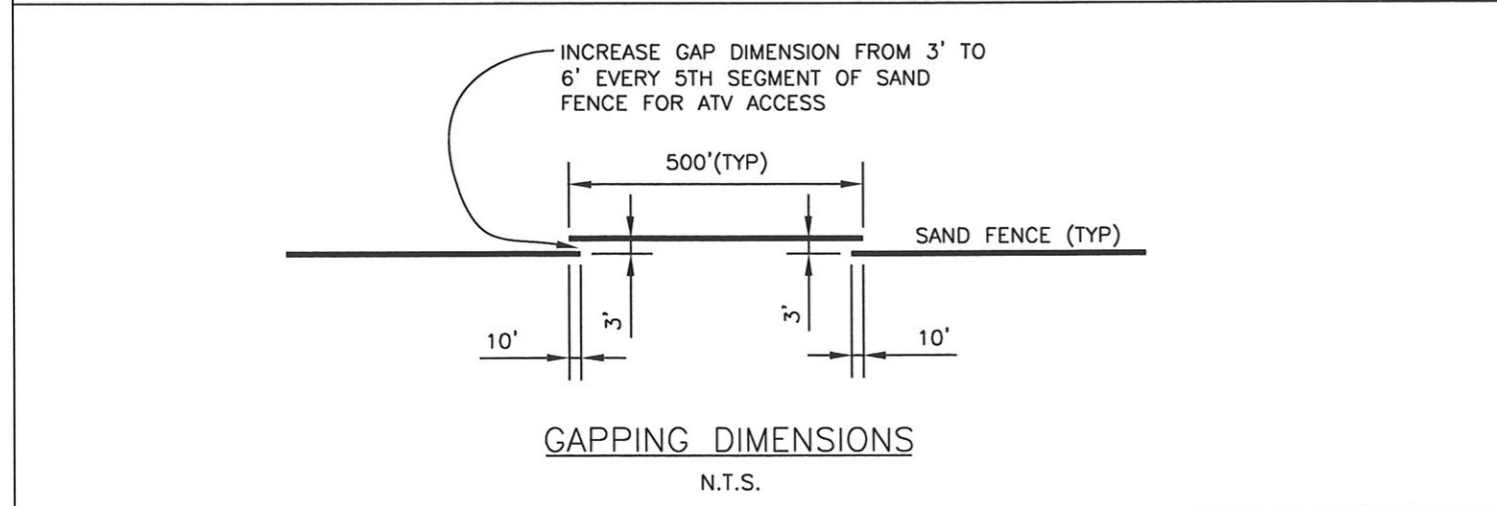
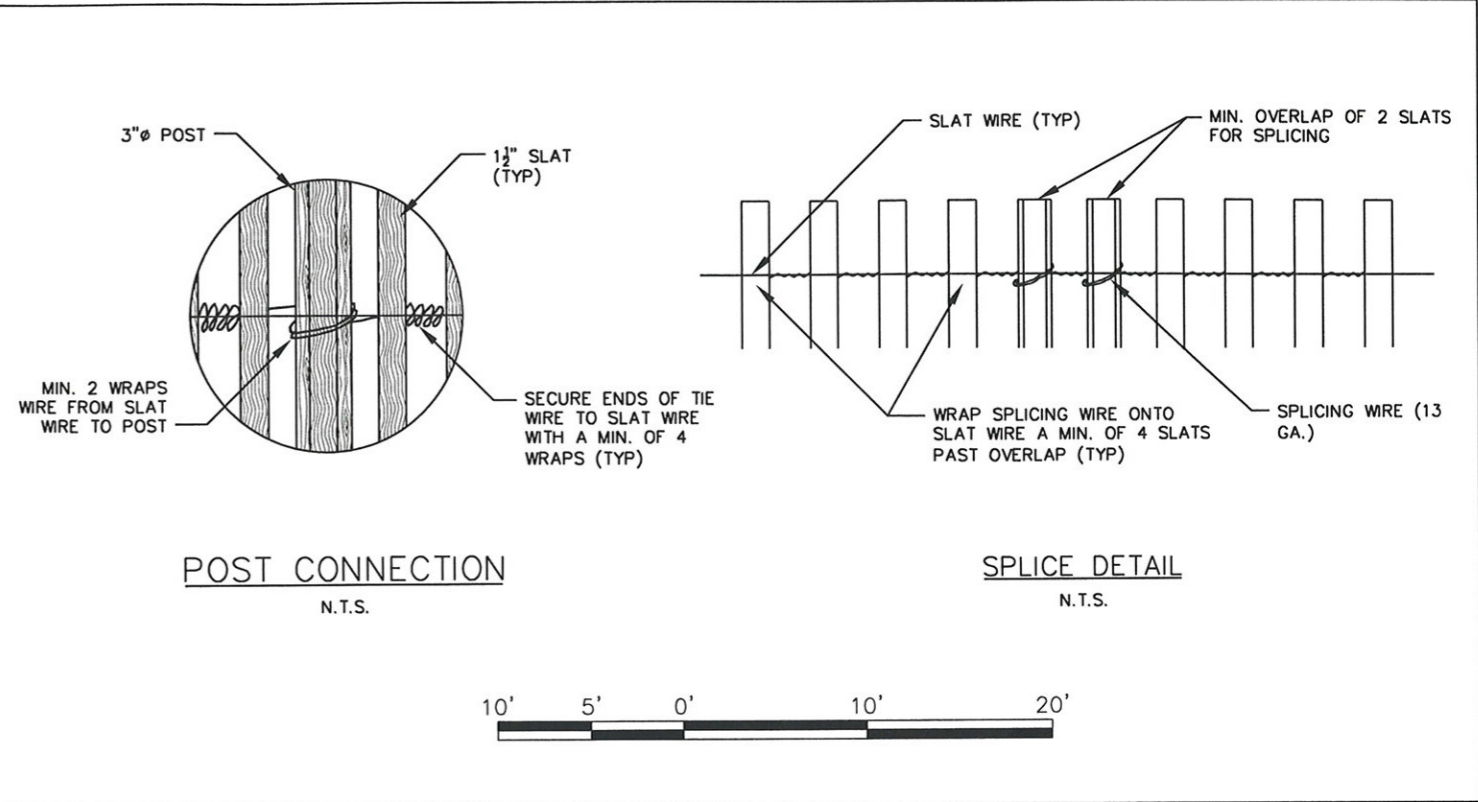
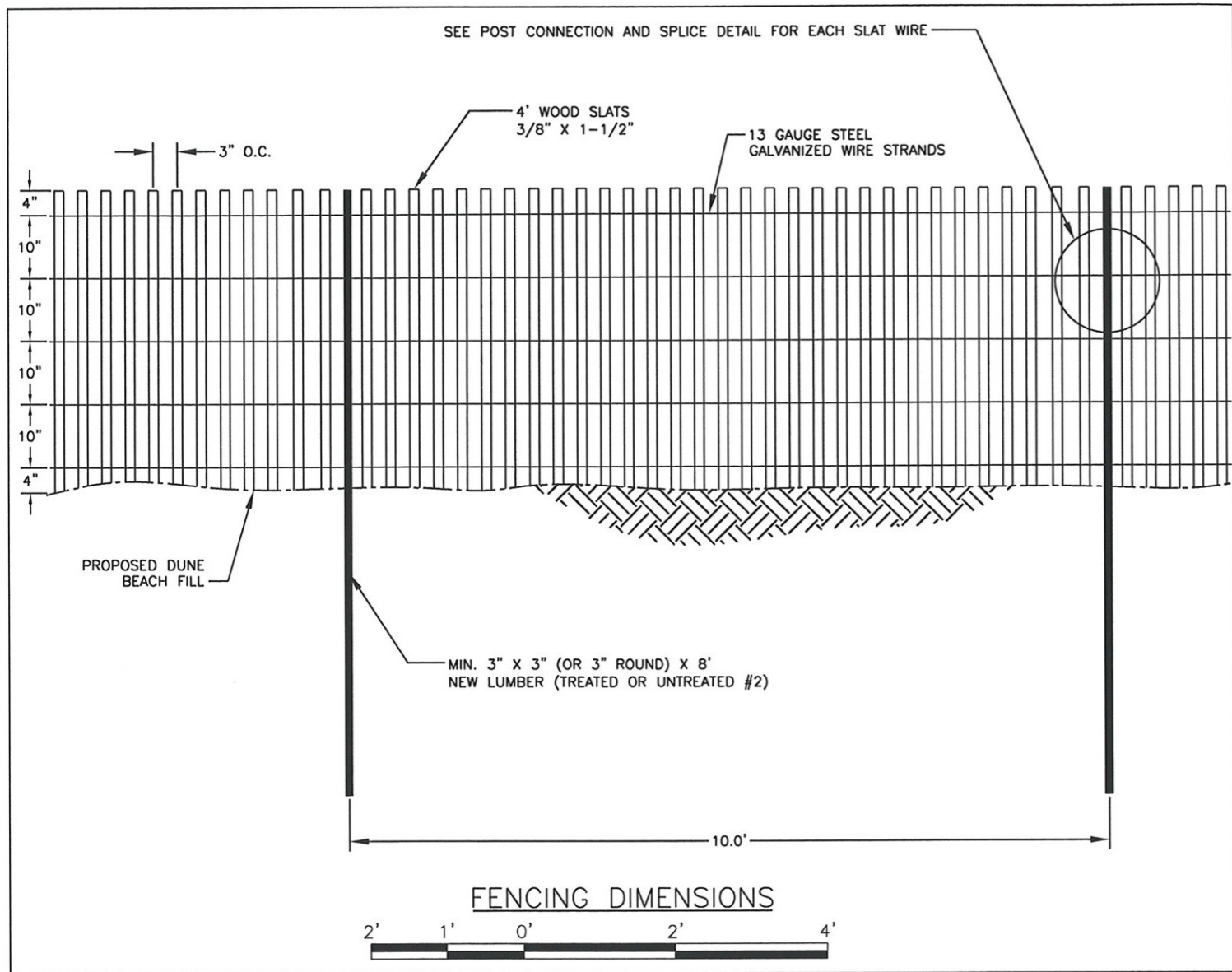
led
.....

This Field Order does not constitute a change in Contract Time and/or Contract Cost.

RECOMMENDED:
By: *Barry J. Kennedy*
Engineer
Date: 4/25/07

APPROVED:
By: *Daniel Desormeaux*
LDNR
Date: 5/1/07

ACCEPTED:
By: *Ray W. Johnson*
Contractor
Date: 4-27-07



- NOTES:**
1. ACTUAL PLACEMENT OF SAND FENCING MAY BE ADJUSTED BY THE ENGINEER TO ACCOMMODATE THE EXISTING CONDITIONS UPON INITIATING CONSTRUCTION OF THE FENCE.
 2. THE DISTANCE FROM THE SAND FENCE TO THE EDGE OF DUNE PLATFORM ON THE GULF SIDE IS 100'.

REV.	DATE	DESCRIPTION	BY
1	3/28/07	FIELD CHANGE NO. 2	SJT

LOUISIANA DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION
 617 NORTH 3RD STREET
 BATON ROUGE, LOUISIANA 70802

DRAWN BY: SHANE FAUST DESIGNED BY: RICKEY BROUILLETTE, P.E.

NEW CUT DUNE/MARSH RESTORATION PROJECT

STATE PROJECT NUMBER: T3-37
 FEDERAL PROJECT NUMBER: TE-37

APPROVED BY: LUKE LE BAS, P.E.

SAND FENCE DETAILS

DATE: FEBRUARY 2006
 SHEET 11 OF 21

FIELD ORDER NO. 3

PROJECT:

New Cut Dune/Marsh Restoration Project

DATE OF ISSUANCE:

June 21, 2007

OWNER:

Louisiana Department of Natural Resources
1440 Tiger Drive STE B
Thibodaux, LA 70301

OWNER'S PROJECT NO.

TE-37

CONTRACTOR:

Weeks Marine, Inc.
304 Gaille Drive
Covington, Louisiana 70433

ENGINEER:

T. Baker Smith, Inc.
412 S. Van Ave.
Houma, LA 70363

CONTRACT FOR:

New Cut Dune/Marsh Restoration Project

ENGINEER'S PROJECT NO.

2006.1619

You are directed to make the following changes in the Contract Documents.

Description:

1. The planting season for Gulf Annual Rye has expired. It is necessary to disperse 100% Bermuda seed, which is appropriate for the current growing season. Specification section TS-10 Seeding, 11.2 is hereby revised as follows:

"Method: For New Cut - Bermuda (*Cynodon* sp.) seed is to be dispersed onto the island immediately after all construction, including dredging/ grading activities and sand fence instalation, is completed.

A total of 1,375 lbs of Bermuda (*Cynodon* sp.) pure live seed shall be evenly dispersed onto the dune platform of the New Cut Project Area. Twenty-five (25) lbs of Bermuda grass seed are required per acre. Approximately 55 acres of the dune platform is to be seeded. Seed dispersal shall be uniform across the entire dune platform."

Attachments: Letter from Erosion Control Services of Simmesport, Inc. indicating the cost breakdown.

This Field Order does not constitute a change in Contract Time and/or Contract Cost.

RECOMMENDED:

By: _____
Engineer

Date: _____

APPROVED:

By: _____
LDNR

Date: _____

ACCEPTED:

By: _____
Contractor

Date: _____