STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL ENGINEERING DIVISION

GOOSE POINT / POINT PLATTE MARSH CREATION

PO - 33

ST. TAMMANY PARISH

"AS CONSTRUCTED"

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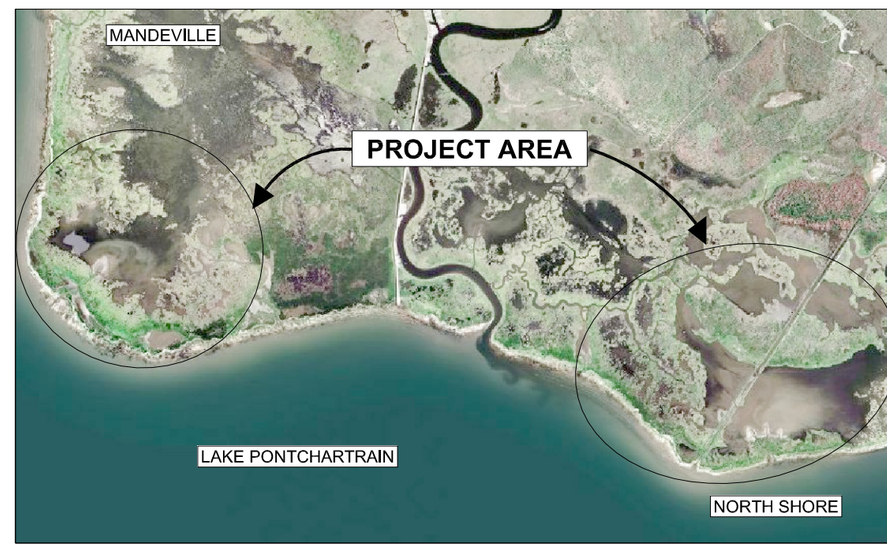
NOTE: ABOVE AS CONSTRUCTED SHEETS MATCH THE BASIC SHEET NUMBERS OF DESIGN PLANS.



SUBMITTED BY:

BCG ENGINEERING & CONSULTING, INC.

TYPE OF CONSTRUCTION

CLASSIFICATION III (HEAVY CONSTRUCTION)
HYDRAULIC DREDGING / MARSH CREATION

REV.	DATE	DESCRIPTION	BY

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

PREPARED BY: BCG ENGINEERING & CONSULTING, INC.

GOOSE POINT/POINT PLATTE MARSH CREATION

STATE PROJECT NUMBER: PO-33

FEDERAL PROJECT NUMBER: PO-33

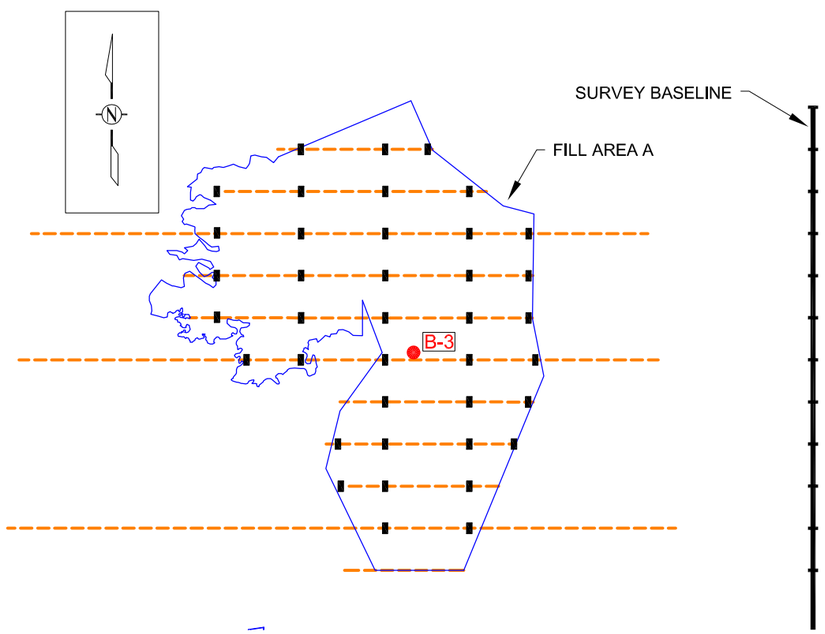
APPROVED BY: EJM

DRAWN BY: JSB

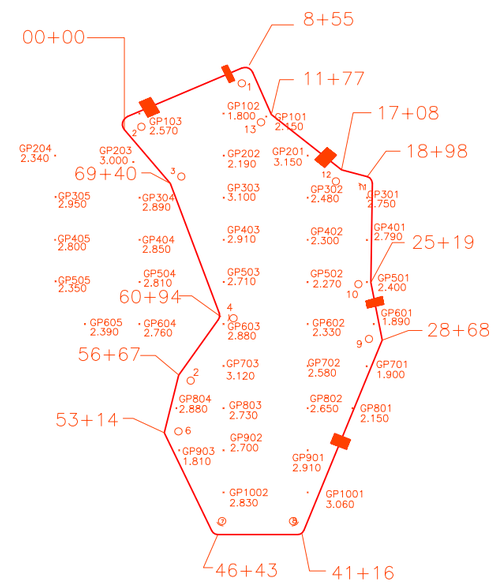
TITLE SHEET

DATE: AUGUST, 2009

SHEET 1A OF 23



ORIGINAL DESIGN LAYOUT



AFTER DREDGING
GRADE STAKE ELEVATIONS

DIKING STATIONS		
Area A	Northing	Easting
0+00	3,707,814.58	648,756.67
8+55	3,708,549.80	649,123.63
11+77	3,708,686.96	648,847.45
17+08	3,709,104.62	648,518.51
18+98	3,709,257.34	648,478.57
25+19	3,709,278.51	647,849.27
28+68	3,709,346.75	647,507.51
41+16	3,708,866.34	646,360.30
46+43	3,708,368.97	646,353.54
53+14	3,708,051.80	646,957.56
56+67	3,708,136.41	647,300.19
60+94	3,708,380.71	647,650.90
69+40	3,708,087.28	648,438.36

FINAL GRADE STAKE ELEVATIONS					
AREA A				Post Dredge	Final
Board Name		Northing	Easting	Elevation	Elevation
GP	101	648,835.55	3,708,656.47	2.13	2.15
	102	648,853.52	3,708,403.37	1.70	1.80
	103	648,853.52	3,707,903.37	2.45	2.57
	201	648,603.54	3,708,903.37	3.24	3.15
	202	648,603.58	3,708,405.00	2.00	2.19
	203	648,603.58	3,707,905.00	3.16	3.00
	204	648,603.54	3,707,403.37	2.60	2.34
	301	648,353.54	3,709,255.87	2.65	2.75
	302	648,353.54	3,708,903.37	2.76	2.48
	303	648,353.58	3,708,405.00	3.31	3.10
	304	648,353.58	3,707,905.00	3.12	2.89
	305	648,357.15	3,707,405.23	3.00	2.95
	401	648,102.74	3,709,255.48	3.15	2.79
	402	648,103.54	3,708,903.37	2.54	2.30
	403	648,103.58	3,708,405.00	3.23	2.91
	404	648,103.58	3,707,905.00	3.19	2.85
	405	648,103.54	3,707,403.37	3.10	2.80
	501	647,851.84	3,709,255.48	2.73	2.40
	502	647,852.70	3,708,903.33	2.74	2.27
	503	647,852.85	3,708,405.00	2.89	2.71
	504	647,852.85	3,707,905.00	3.15	2.81
	505	647,856.50	3,707,405.21	2.88	2.35
	601	647,602.74	3,709,296.07	2.47	1.89
	602	647,603.54	3,708,903.37	2.64	2.33
	603	647,603.54	3,708,403.37	3.15	2.88
	604	647,603.54	3,707,903.37	3.18	2.76
	605	647,603.54	3,707,580.69	2.76	2.39
	701	647,353.22	3,709,253.51	2.35	1.90
	702	647,354.09	3,708,903.37	2.88	2.58
	703	647,354.28	3,708,403.37	3.54	3.12
	801	647,103.54	3,709,169.16	2.58	2.15
	802	647,103.54	3,708,903.37	2.95	2.65
	803	647,103.54	3,708,403.37	2.98	2.73
	804	647,103.54	3,708,123.60	3.01	2.88
	901	646,853.54	3,708,903.37	3.15	2.91
	902	646,853.54	3,708,403.37	2.83	2.70
	903	646,853.54	3,708,139.84	2.06	1.81
	1001	646,603.54	3,708,903.37	3.35	3.06
	1002	646,603.54	3,708,403.37	3.28	2.83

NOTES:
1. AFTER DREDGING GRADE STAKE ELEVATIONS TAKEN UPON COMPLETION OF PUMPING
2. FINAL GRADE STAKE ELEVATIONS TAKEN 11-6-2008
3. ALL ELEVATIONS ARE IN NAV 1988 DATUM.
4. AS CONSTRUCTED ELEVATIONS SHOWN ARE BASE UPON INFORMATION RECEIVED BY BCG ENGINEERING AND CONSULTING, INC. FROM CONTRACTOR, WEEKS MARINE, INC.

LEGEND

- BORING
- GRADE STAKE
- SECONDARY MONUMENT
- SURVEY BASELINE
- SURVEY TRANSECTS

1000' 500' 0' 1000' 2000'

FILL AREA A

REV.	DATE	DESCRIPTION	BY

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

PREPARED BY: BCG ENGINEERING & CONSULTING, INC.

GOOSE POINT/POINT PLATTE MARSH CREATION

STATE PROJECT NUMBER: PO-33

FEDERAL PROJECT NUMBER: PO-33

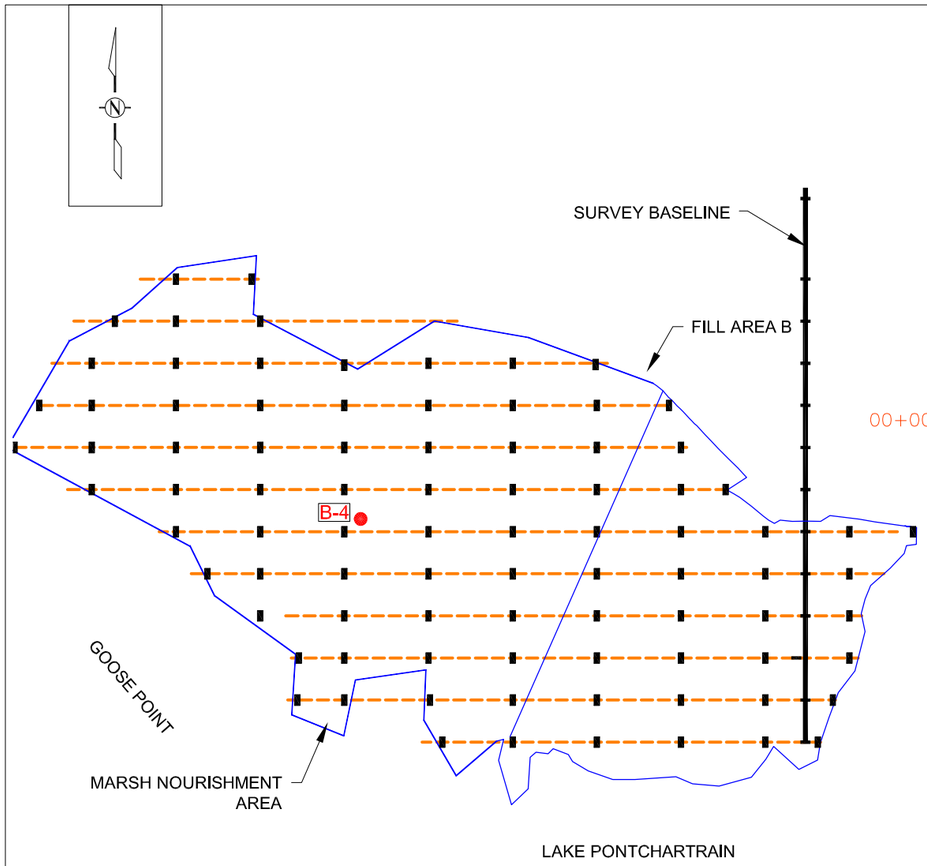
APPROVED BY: EJM

DRAWN BY: JSB

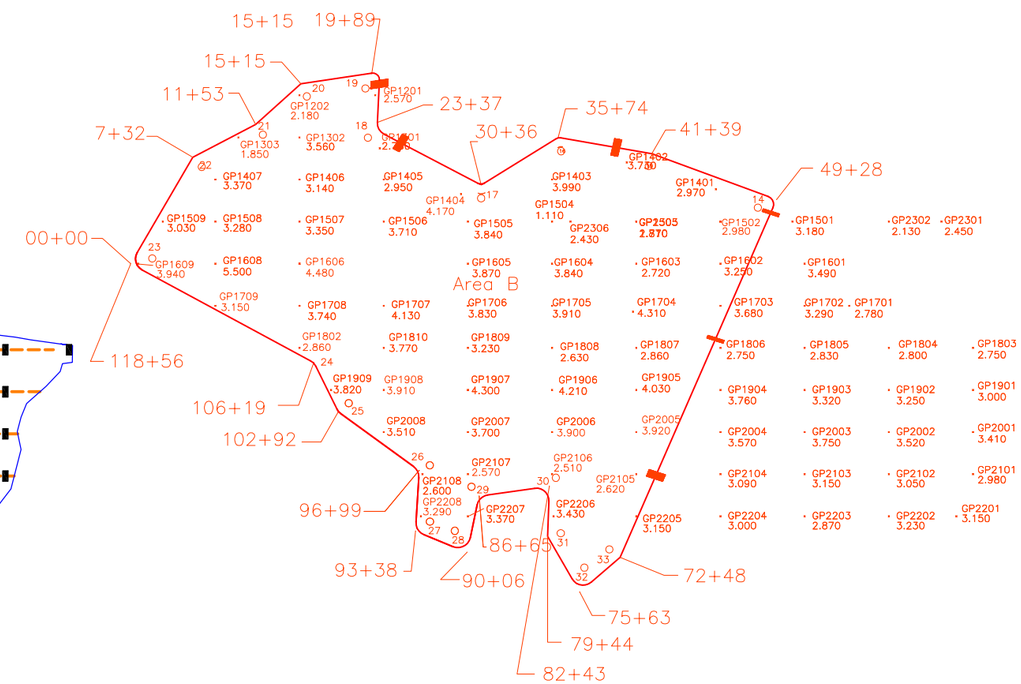
GOOSE POINT FINAL SURVEY STAKE LAYOUT

DATE: AUGUST 2009

SHEET 6A OF 23



ORIGINAL DESIGN LAYOUT



AFTER DREDGING GRADE STAKE ELEVATIONS

DIKING STATIONS		
Area B		
00+00	3,706,234.13	644,884.19
07+32	3,706,571.41	645,507.86
11+53	3,706,944.66	645,702.80
15+15	3,707,214.08	645,944.23
19+89	3,707,667.64	645,997.08
23+37	3,707,668.19	645,714.83
30+36	3,708,283.60	645,347.78
35+74	3,708,742.55	645,622.56
41+39	3,709,299.05	645,529.12
49+28	3,710,018.20	645,247.29
72+48	3,709,109.76	643,130.75
75+63	3,708,877.03	642,967.76
79+44	3,708,678.91	643,256.02
82+43	3,708,662.18	643,522.94
86+65	3,708,283.57	643,482.78
90+06	3,708,181.56	643,198.11
93+38	3,707,908.96	643,296.45
96+99	3,707,908.95	643,638.12
102+92	3,707,437.62	643,996.78
106+19	3,707,301.54	644,266.43

FILL AREA B

NOTES:
1. AFTER DREDGING GRADE STAKE ELEVATIONS TAKEN UPON COMPLETION OF PUMPING
2. FINAL GRADE STAKE ELEVATIONS TAKEN 11-6-2008
3. ALL ELEVATIONS ARE IN NAV 1988 DATUM.
4. AS CONSTRUCTED ELEVATIONS SHOWN ARE BASE UPON INFORMATION RECEIVED BY BCG ENGINEERING AND CONSULTING, INC. FROM CONTRACTOR, WEEKS MARINE, INC.

FINAL GRADE STAKE ELEVATIONS					
AREA B Board Name		Northing	Easting	Post Dredge Elevation	Final Elevation
GP	1201	645,875.30	3,707,655.60	2.78	2.57
	1202	645,875.30	3,707,205.95	2.57	2.18
	1301	645,625.30	3,707,705.95	3.10	2.76
	1302	645,625.30	3,707,205.95	3.65	3.56
	1303	645,625.30	3,706,842.85	2.15	1.85
	1401	645,368.34	3,709,698.98	3.20	2.97
	1402	645,637.30	3,709,205.95	3.91	3.73
	1403	645,375.30	3,708,705.95	3.76	3.99
	1404	645,364.48	3,708,205.95	3.95	4.17
	1405	645,375.30	3,707,705.95	3.35	2.95
	1406	645,375.30	3,707,205.95	3.32	3.14
	1407	645,375.30	3,706,705.95	3.45	3.37
	1501	645,125.30	3,710,134.18	3.53	3.18
	1502	645,125.30	3,709,705.75	3.57	2.98
	1503	645,125.30	3,709,205.75	2.15	1.87
	1504	645,125.30	3,708,705.75	1.55	1.11
	1505	645,125.30	3,708,205.75	4.00	3.84
	1506	645,125.30	3,707,705.75	3.95	3.71
	1507	645,125.30	3,707,205.75	3.25	3.35
	1508	645,125.30	3,706,705.75	3.43	3.28
	1509	645,125.30	3,706,393.12	3.25	3.03
	1601	644,875.30	3,710,205.95	3.65	3.49
	1602	644,875.30	3,709,705.95	3.75	3.25
	1603	644,875.30	3,709,205.95	2.89	2.72
	1604	644,875.30	3,708,705.95	3.75	3.84
	1605	644,875.30	3,708,205.95	3.75	3.87
	1606	644,875.30	3,707,205.95	3.67	3.89
	1607	644,875.30	3,707,205.95	3.75	4.48
	1608	644,875.30	3,706,705.95	4.48	5.50
	1609	644,875.30	3,706,246.72	4.15	3.94
	1701	644,625.30	3,710,471.17	2.95	2.78
	1702	644,625.30	3,710,205.95	3.45	3.29
	1703	644,625.30	3,709,705.95	3.79	3.68
	1704	644,625.30	3,705,205.95	4.45	4.31
	1705	644,625.30	3,708,705.95	4.05	3.91
	1706	644,625.30	3,708,205.95	4.12	3.83
	1707	644,625.30	3,707,705.95	3.97	4.13
	1708	644,625.30	3,707,205.95	3.65	3.74
	1709	644,625.30	3,706,705.95	3.20	3.15
	1801	644,375.30	3,711,583.90	3.98	3.85
	1802	644,375.30	3,707,205.95	2.95	2.86
	1803	644,375.30	3,711,205.95	2.87	2.75
	1804	644,375.30	3,710,705.95	3.00	2.80
	1805	644,375.30	3,710,205.95	3.11	2.83
	1806	644,375.30	3,709,705.95	2.85	2.75
	1807	644,375.30	3,709,205.95	3.12	2.86
	1808	644,375.30	3,708,705.95	2.87	2.63
	1809	644,375.30	3,708,205.95	3.45	3.23
	1810	644,375.30	3,707,705.95	3.55	3.77
	1901	644,125.30	3,711,205.95	3.12	3.00
	1902	644,125.30	3,710,705.95	3.45	3.25
	1903	644,125.30	3,710,205.95	3.55	3.32
	1904	644,125.30	3,709,705.95	4.00	3.76
	1905	644,125.30	3,709,205.95	4.05	4.03
	1906	644,125.30	3,708,705.95	3.95	4.21
	1907	644,125.30	3,708,205.95	4.55	4.30
	1908	644,125.30	3,707,705.95	4.05	3.91
	1909	644,125.30	3,707,393.19	4.00	3.82
	2001	643,875.30	3,711,205.95	3.75	3.41
	2002	643,875.30	3,710,705.95	3.78	3.52
	2003	643,875.30	3,710,205.95	3.98	3.75
	2004	643,875.30	3,709,705.95	3.95	3.57
	2005	643,875.30	3,709,205.95	4.15	3.92
	2006	643,875.30	3,708,705.95	4.00	3.90
	2007	643,875.30	3,708,205.95	3.96	3.70
	2008	643,875.30	3,707,705.95	3.76	3.51
	2101	643,625.30	3,711,205.95	3.23	2.98
	2102	643,625.30	3,710,705.95	3.07	3.05
	2103	643,625.30	3,710,205.95	3.45	3.15
	2104	643,625.30	3,709,705.95	3.25	3.09
	2105	643,625.30	3,709,205.95	2.85	2.62
	2106	643,625.30	3,708,705.95	2.75	2.51
	2107	643,625.30	3,708,205.95	2.78	2.57
	2108	643,625.30	3,707,935.95	2.68	2.60
	2201	643,375.30	3,711,107.69	3.45	3.15
	2202	643,375.30	3,710,705.95	3.57	3.23
	2203	643,375.30	3,710,205.95	3.20	2.87
	2204	643,375.30	3,709,705.95	3.30	3.00
	2205	643,375.30	3,709,205.95	3.45	3.15
	2206	643,375.30	3,708,715.03	3.70	3.43
	2207	643,375.30	3,708,205.95	3.57	3.37
	2208	643,375.30	3,707,926.35	3.50	3.29

LEGEND

- BORING
- GRADE STAKE
- SECONDARY MONUMENT
- SURVEY BASELINE
- SURVEY TRANSECTS

1000' 500' 0' 1000' 2000'

REV.	DATE	DESCRIPTION	BY

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

PREPARED BY: BCG ENGINEERING & CONSULTING, INC.

GOOSE POINT/POINT PLATTE MARSH CREATION

STATE PROJECT NUMBER: PO-33

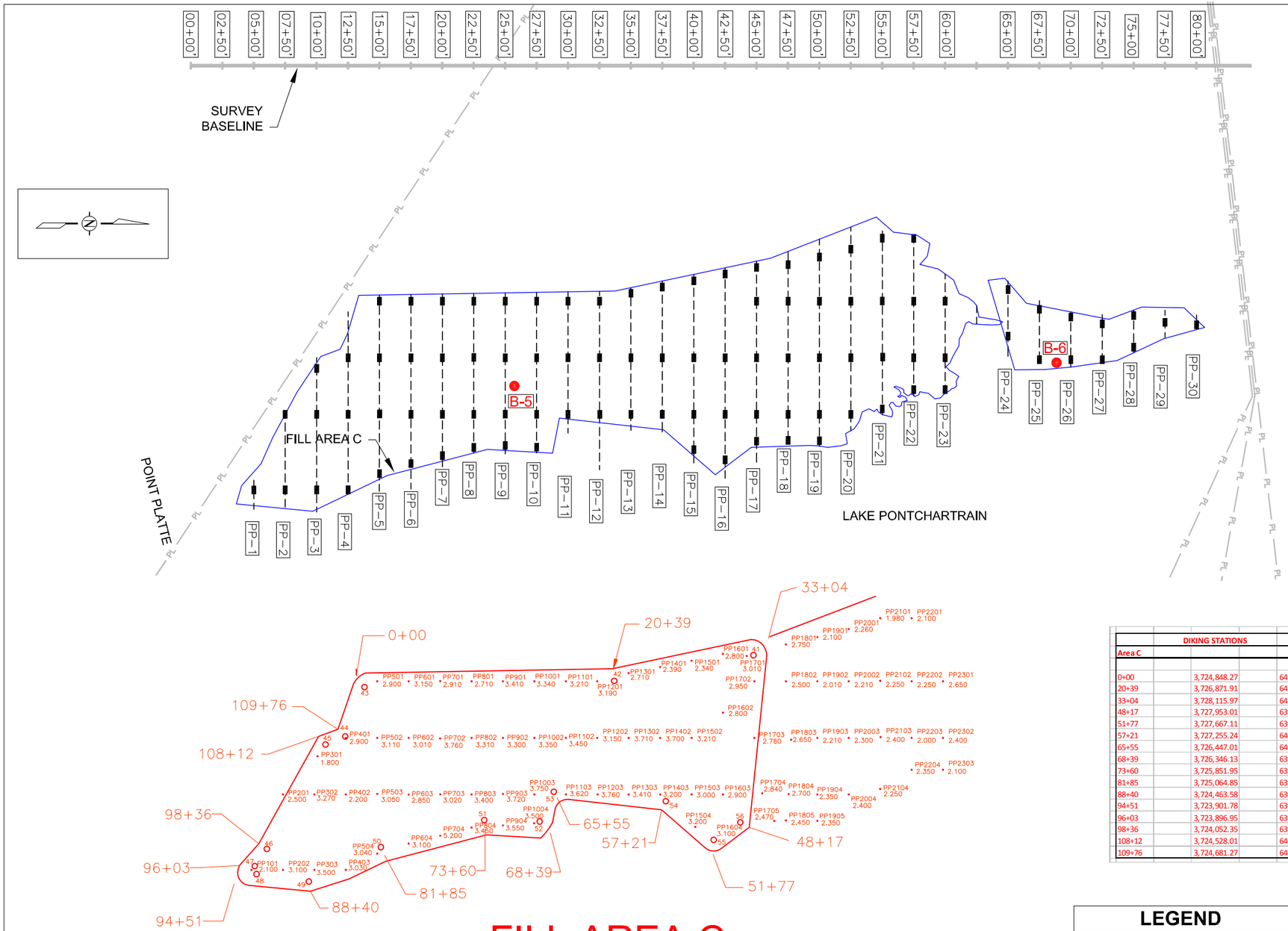
FEDERAL PROJECT NUMBER: PO-33

APPROVED BY: EJM DRAWN BY: JSB

GOOSE POINT FINAL SURVEY STAKE LAYOUT

DATE: AUGUST 2009

SHEET 6B OF 23



DIKING STATIONS		
Area C		
0+00	3,724,848.27	641,124.61
20+39	3,726,871.91	641,206.68
33+04	3,728,115.97	641,459.97
48+17	3,727,953.01	639,943.68
51+77	3,727,667.11	639,755.45
57+21	3,727,255.24	640,083.13
65+55	3,726,447.01	640,147.04
68+39	3,726,346.13	639,916.32
73+60	3,725,851.95	639,881.47
81+85	3,725,064.85	639,675.30
88+40	3,724,463.58	639,435.51
94+51	3,723,901.78	639,525.91
96+03	3,723,896.95	639,640.03
98+36	3,724,052.35	639,814.24
108+12	3,724,528.01	640,666.43
109+76	3,724,681.27	640,723.98

FINAL GRADE STAKE ELEVATIONS					
Area C Board Name		Northing	Easting	Post Dredge Elevation	Final Elevation
PP	PP101	639,605.18	3,723,994.48	2.22	2.10
	PP201	640,206.00	3,724,244.48	2.65	2.50
	PP202	639,606.00	3,724,244.48	3.15	3.10
	PP301	640,511.00	3,724,494.48	1.85	1.80
	PP302	640,206.00	3,724,494.48	3.32	3.27
	PP303	639,606.00	3,724,494.48	3.65	3.50
	PP401	640,656.00	3,724,744.48	3.10	2.90
	PP402	640,206.00	3,724,744.48	2.25	2.20
	PP403	639,606.00	3,724,744.48	3.15	3.03
	PP501	641,106.00	3,724,994.46	2.75	2.90
	PP502	640,656.00	3,724,994.46	3.05	3.11
	PP503	640,209.65	3,724,994.46	3.00	3.05
	PP504	639,735.56	3,724,994.46	2.98	3.04
	PP601	641,106.00	3,725,244.48	3.20	3.15
	PP602	640,656.00	3,725,244.48	3.05	3.01
	PP603	640,205.18	3,725,244.48	2.90	2.85
	PP604	639,814.00	3,725,244.48	3.25	3.10
	PP701	641,106.82	3,725,494.90	2.95	2.91
	PP702	640,651.09	3,725,494.06	3.85	3.76
	PP703	640,206.82	3,725,494.90	3.05	3.02
	PP704	639,877.82	3,725,494.90	5.25	5.20
	PP801	641,106.00	3,725,744.48	2.85	2.71
	PP802	640,656.00	3,725,744.48	3.30	3.31
	PP803	640,206.00	3,725,744.48	3.45	3.40
	PP804	639,942.50	3,725,744.48	3.75	3.45
	PP901	641,106.00	3,725,994.48	3.50	3.41
	PP902	640,656.00	3,725,994.48	3.35	3.30
	PP903	640,208.44	3,725,994.48	3.86	3.72
	PP904	639,959.44	3,725,994.48	3.75	3.55
	PP1001	641,106.00	3,726,244.48	3.35	3.34
	PP1002	640,656.00	3,726,244.48	3.55	3.35
	PP1003	640,206.00	3,726,244.48	3.95	3.75
	PP1004	639,945.00	3,726,244.48	3.65	3.50
	PP1101	641,106.00	3,726,494.48	3.45	3.21
	PP1102	640,656.00	3,726,494.48	3.55	3.45
	PP1103	640,206.00	3,726,494.48	3.67	3.62
	PP1201	641,106.00	3,726,744.48	3.26	3.19
	PP1202	640,656.00	3,726,744.48	3.25	3.15
	PP1203	640,206.34	3,726,747.48	3.75	3.76
	PP1301	641,169.55	3,726,994.48	2.75	2.71
	PP1302	640,656.00	3,726,994.53	3.75	3.71
	PP1303	640,206.00	3,726,994.53	3.45	3.41
	PP1401	641,218.65	3,727,244.48	2.25	2.39
	PP1402	640,656.00	3,727,244.48	3.75	3.70
	PP1403	640,206.00	3,727,244.48	3.25	3.20
	PP1501	641,268.15	3,727,494.48	3.55	2.34
	PP1502	640,656.00	3,727,494.48	3.65	3.21
	PP1503	640,206.00	3,727,494.48	3.30	3.00
	PP1504	639,925.00	3,727,494.48	3.40	3.20
	PP1601	641,322.50	3,727,744.48	2.95	2.80
	PP1602	640,856.00	3,727,744.48	2.75	2.80
	PP1603	640,206.00	3,727,744.48	2.75	2.90
	PP1604	639,844.65	3,727,744.48	3.33	3.10
	PP1701	641,374.50	3,727,994.48	3.15	3.01
	PP1702	641,106.00	3,727,994.48	3.05	2.95
	PP1703	640,656.00	3,727,994.48	3.05	2.78
	PP1704	640,206.00	3,727,994.48	2.90	2.84
	PP1705	639,993.00	3,727,994.48	2.55	2.47
	PP1801	641,397.50	3,728,244.48	2.95	2.75
	PP1802	641,106.00	3,728,244.48	2.78	2.50
	PP1803	840,656.00	3,728,244.48	2.85	2.65
	PP1804	640,206.00	3,728,244.48	2.97	2.70
	PP1805	639,999.50	3,728,244.48	2.65	2.45
	PP1901	641,457.00	3,728,494.48	2.35	2.10
	PP1902	641,106.00	3,728,494.48	2.54	2.01
	PP1903	640,656.00	3,728,494.48	2.56	2.21
	PP1904	640,206.00	3,728,494.48	2.65	2.35
	PP1905	639,996.00	3,728,494.48	2.55	2.35
	PP2001	641,520.00	3,728,744.48	2.52	2.26
	PP2002	641,106.00	3,728,744.48	2.24	2.21
	PP2003	640,656.00	3,728,744.48	2.55	2.30
	PP2004	640,206.00	3,728,744.48	2.68	2.40
	PP2101	641,608.31	3,728,994.48	2.09	1.98
	PP2102	641,108.31	3,728,994.48	2.46	2.25
	PP2103	640,661.99	3,728,997.57	2.65	2.40
	PP2104	640,249.81	3,728,994.48	2.43	2.25
	PP2201	641,606.00	3,729,244.48	2.33	2.10
	PP2202	641,106.00	3,729,244.48	2.64	2.25
	PP2203	640,656.00	3,729,244.48	2.32	2.00
	PP2204	640,402.50	3,729,244.48	2.46	2.35
	PP2301	641,106.00	3,729,494.48	2.87	2.65
	PP2302	640,656.00	3,729,494.48	2.74	2.40
	PP2303	640,402.50	3,729,494.48	2.63	2.10

FILL AREA C

LEGEND

- ● BORING
- ▮ GRADE STAKE
- PL PIPELINE
- SURVEY BASELINE
- SURVEY TRANSECTS

BORINGS

	NORTHING	EASTING
B-5	640,432.47	3,726,067.71
B-6	640,617.15	3,730,380.69
B-7	642,713.81	3,734,853.83

900' 450' 0' 900' 1800'

REV.	DATE	DESCRIPTION	BY

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

PREPARED BY: BCG ENGINEERING & CONSULTING, INC.

GOOSE POINT/POINT PLATTE MARSH CREATION

STATE PROJECT NUMBER: PO-33

FEDERAL PROJECT NUMBER: PO-33

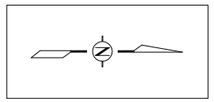
APPROVED BY: EJM

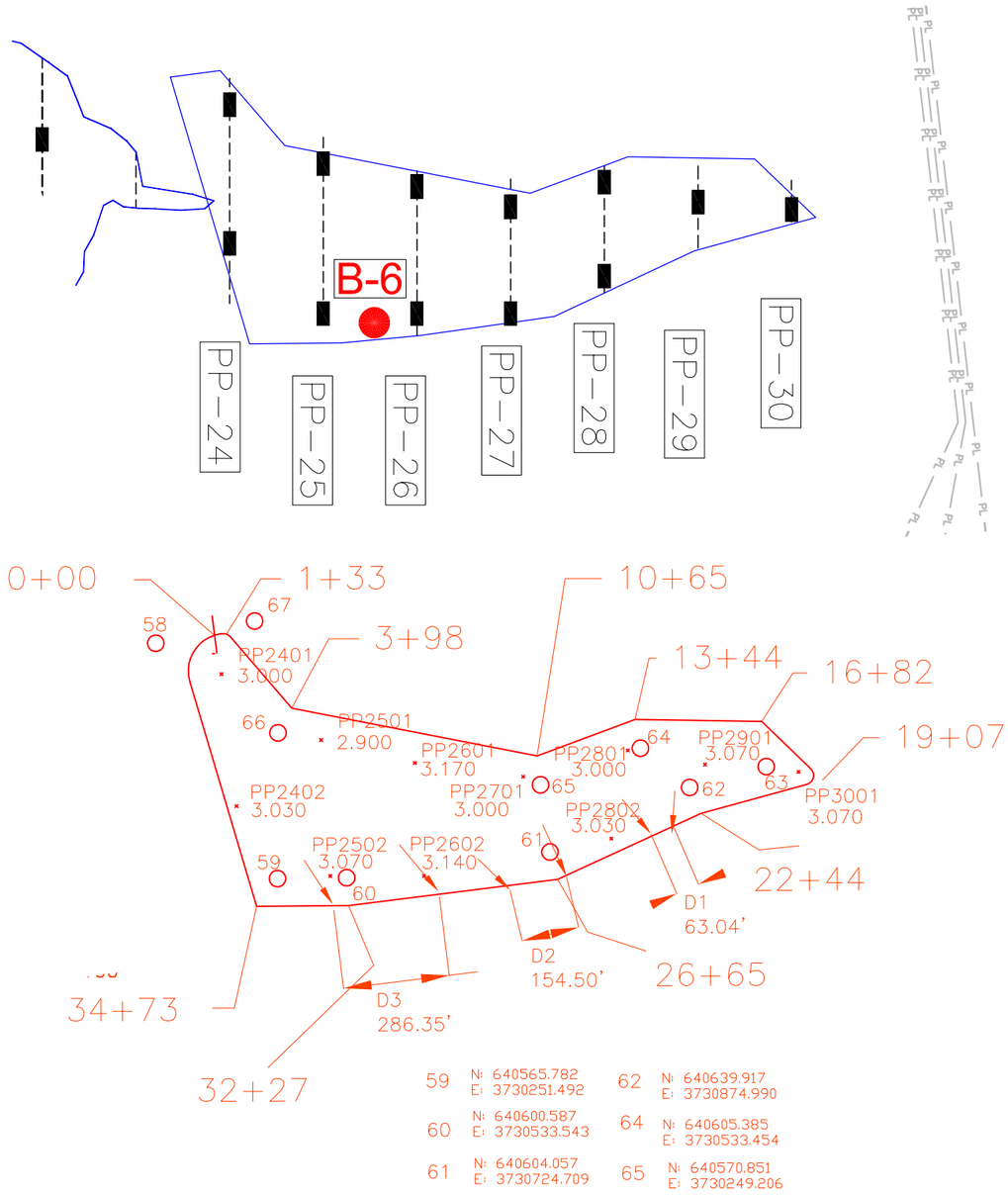
DRAWN BY: JSB

POINT PLATTE FINAL SURVEY, STAKE LAYOUT

DATE: AUGUST 2009

SHEET 7A OF 23





FILL AREA D

DIKING STATIONS		
Area D		
0+00	3,729,936.74	641,277.39
01+33	3,729,967.82	641,286.59
03+98	3,730,141.65	641,089.42
10+65	3,730,796.71	640,962.08
13+44	3,731,058.10	641,059.44
16+82	3,731,395.89	641,053.86
19+07	3,731,533.61	640,903.93
22+44	3,731,233.97	640,808.38
26+65	3,730,851.28	640,632.60
32+27	3,730,293.20	640,562.89
34+73	3,730,047.77	640,560.51

FINAL GRADE STAKE ELEVATIONS						
Area D					Post Dredge	Final
Board Name		Northing		Easting	Elevation	Elevation
PP	PP2401	641,198.50		3,729,994.48	3.45	3.00
	PP2402	640,827.76		3,729,994.48	3.34	3.03
	PP2501	641,041.50		3,730,244.48	3.12	2.90
	PP2502	640,641.50		3,730,244.48	2.27	3.07
	PP2601	640,980.42		3,730,494.48	3.45	3.17
	PP2602	640,641.50		3,730,494.48	3.63	3.14
	PP2701	640,926.46		3,730,744.48	3.28	3.00
	PP2702	640,641.50		3,730,744.48	3.1	3.24
	PP2801	640,995.23		3,730,994.48	3.15	3.00
	PP2802	640,741.23		3,730,994.48	3.24	3.03
	PP2901	640,938.65		3,731,244.48	3.68	3.07
	PP3001	640,919.06		3,731,493.87	3.83	3.07

NOTE:
AREAS MARKED D1, D2 AND D3 ARE LOCATIONS OF VINYL SHEET PILE DIKE REINFORCEMENT. SEE SHEET 7D FOR SHEET PILE INFORMATION.

BORINGS		
	NORTHING	EASTING
B-5	640,432.47	3,726,067.71
B-6	640,617.15	3,730,380.69
B-7	642,713.81	3,734,853.83

LEGEND

- ● BORING
- ▮ GRADE STAKE
- — PL — PIPELINE
- ━━ SURVEY BASELINE
- – – – SURVEY TRANSECTS

400' 200' 0' 400' 1200'

REV.	DATE	DESCRIPTION	BY

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

PREPARED BY: BCG ENGINEERING & CONSULTING, INC.

GOOSE POINT/POINT PLATTE MARSH CREATION

STATE PROJECT NUMBER: PO-33

FEDERAL PROJECT NUMBER: PO-33

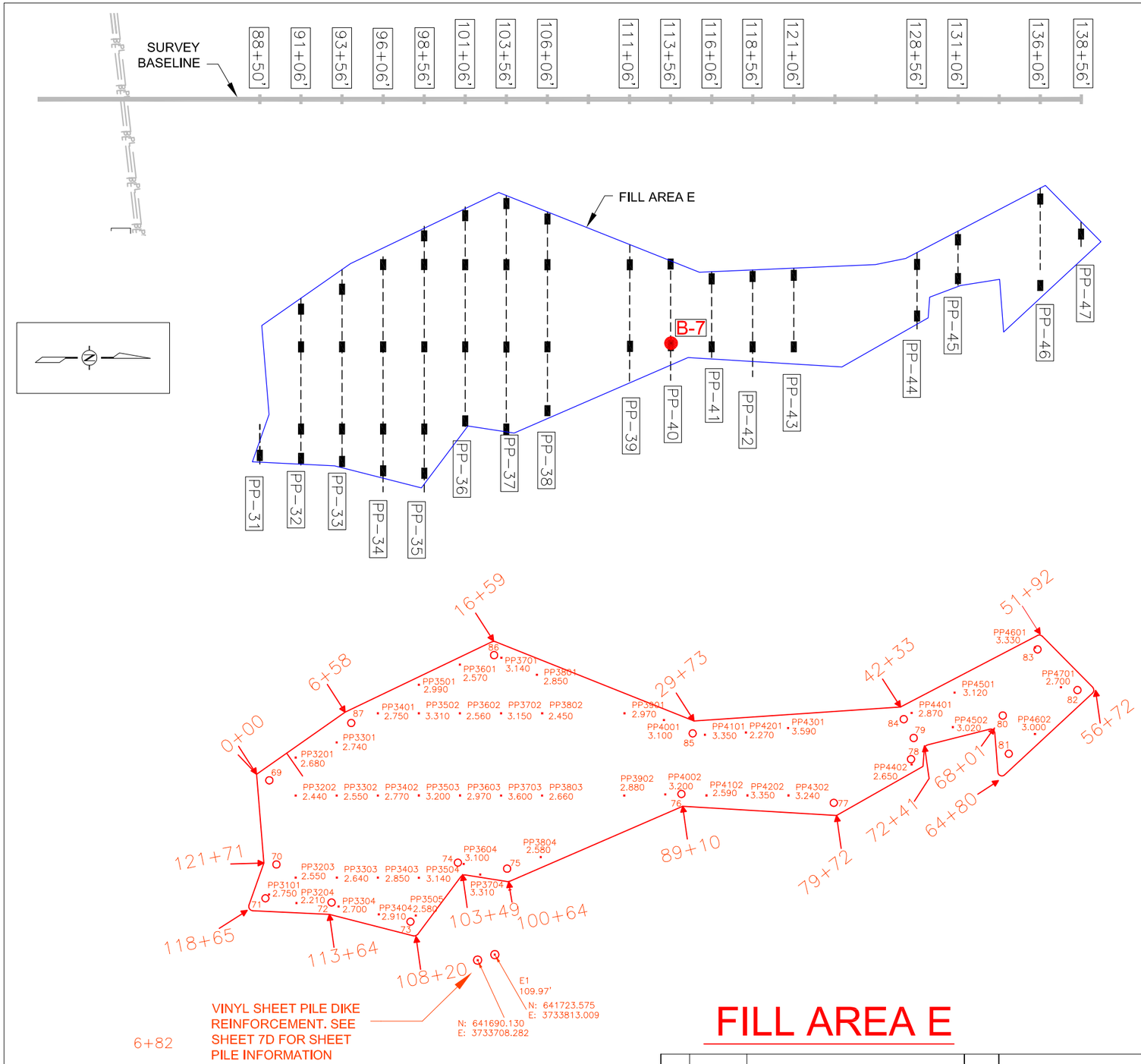
APPROVED BY: EJM

DRAWN BY: JSB

POINT PLATTE FINAL SURVEY, STAKE LAYOUT

DATE: AUGUST 2009

SHEET 7B OF 23



FILL AREA E

DIKING STATIONS		
Area E		
00+00	3,732,362.53	642,821.08
06+58	3,732,902.25	643,197.84
16+59	3,733,805.27	643,628.84
29+73	3,735,025.75	643,145.24
42+33	3,736,282.48	643,229.67
51+92	3,737,131.47	643,667.80
56+72	3,737,459.21	643,331.64
64+80	3,736,890.34	642,812.05
68+01	3,736,845.75	643,091.06
72+41	3,736,431.59	642,989.33
79+72	3,735,893.22	642,569.71
89+10	3,734,956.77	642,626.31
100+64	3,733,897.95	642,166.96
103+49	3,733,618.32	642,206.83
108+20	3,733,331.64	641,839.01
113+64	3,732,805.75	641,967.81
118+65	3,732,319.49	642,001.91
121+71	3,732,407.21	642,280.92

FINAL GRADE STAKE ELEVATIONS					
Area E Board Name		Northing	Easting	Post Dredge Elevation	Final Elevation
PP	PP3101	642,030.87	3,732,350.75	3.11	2.75
	PP3201	642,921.69	3,732,601.17	2.87	2.68
	PP3202	642,691.00	3,732,600.75	2.69	2.44
	PP3203	642,191.82	3,732,601.17	2.88	2.55
	PP3204	642,013.32	3,732,601.17	2.57	2.21
	PP3301	643,014.39	3,732,850.75	2.88	2.74
	PP3302	642,691.00	3,732,850.75	2.79	2.55
	PP3303	642,191.82	3,732,851.17	2.95	2.64
	PP3304	641,994.32	3,732,851.17	2.97	2.70
	PP3401	643,191.00	3,733,100.75	2.86	2.75
	PP3402	642,691.00	3,733,100.75	2.99	2.77
	PP3403	642,191.82	3,733,101.17	3.12	2.85
	PP3404	641,936.59	3,733,100.75	3.15	2.91
	PP3501	643,365.50	3,733,350.75	3.43	2.99
	PP3502	643,191.00	3,733,350.75	3.35	3.31
	PP3503	642,691.82	3,733,351.17	3.46	3.20
	PP3504	642,191.00	3,733,350.75	3.68	3.14
	PP3505	641,922.00	3,733,350.75	2.85	2.58
	PP3601	643,488.00	3,733,600.75	2.96	2.57
	PP3602	643,191.00	3,733,600.75	2.85	2.56
	PP3603	642,691.82	3,733,601.17	3.17	2.97
	PP3604	642,241.35	3,733,601.17	3.55	3.10
	PP3701	643,563.00	3,733,850.75	3.67	3.14
	PP3702	643,191.00	3,733,850.75	3.45	3.15
	PP3703	642,691.00	3,733,851.17	3.78	3.60
	PP3704	642,191.00	3,733,850.75	3.54	3.31
	PP3801	643,469.82	3,734,101.17	3.10	2.85
	PP3802	943,191.82	3,734,101.17	2.88	2.45
	PP3803	642,691.00	3,734,100.75	2.87	2.66
	PP3804	642,303.79	3,734,101.17	2.89	2.58
	PP3901	643,191.00	3,734,602.52	3.21	2.97
	PP3902	642,691.00	3,734,601.31	3.23	2.88
	PP4001	643,195.50	3,734,850.91	3.43	3.10
	PP4002	642,697.86	3,734,850.92	3.25	3.20
	PP4101	643,105.62	3,735,100.75	3.46	3.35
	PP4102	642,691.82	3,735,100.75	2.98	2.59
	PP4201	643,119.94	3,735,350.75	2.57	2.27
	PP4202	642,691.82	3,735,350.75	3.57	3.35
	PP4301	643,126.91	3,735,600.75	3.78	3.59
	PP4302	642,691.82	3,735,600.75	3.46	3.24
	PP4401	643,193.21	3,736,350.75	3.05	2.87
	PP4402	642,879.71	3,736,350.75	2.88	2.65
	PP4501	643,343.46	3,736,600.75	3.54	3.12
	PP4502	643,106.96	3,736,600.75	3.67	3.02
	PP4601	643,590.78	3,737,100.75	3.56	3.33
	PP4602	643,065.28	3,737,100.75	3.78	3.00
	PP4701	643,377.42	3,737,348.88	3.02	2.70

BORINGS		
	NORTHING	EASTING
B-5	640,432.47	3,726,067.71
B-6	640,617.15	3,730,380.69
B-7	642,713.81	3,734,853.83

LEGEND

- ● BORING
- ▮ GRADE STAKE
- — PL — PIPELINE
- ━━ SURVEY BASELINE
- – – – – SURVEY TRANSECTS

REV.	DATE	DESCRIPTION	BY

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

PREPARED BY: BCG ENGINEERING & CONSULTING, INC.

GOOSE POINT/POINT PLATTE MARSH CREATION

STATE PROJECT NUMBER: PO-33

FEDERAL PROJECT NUMBER: PO-33

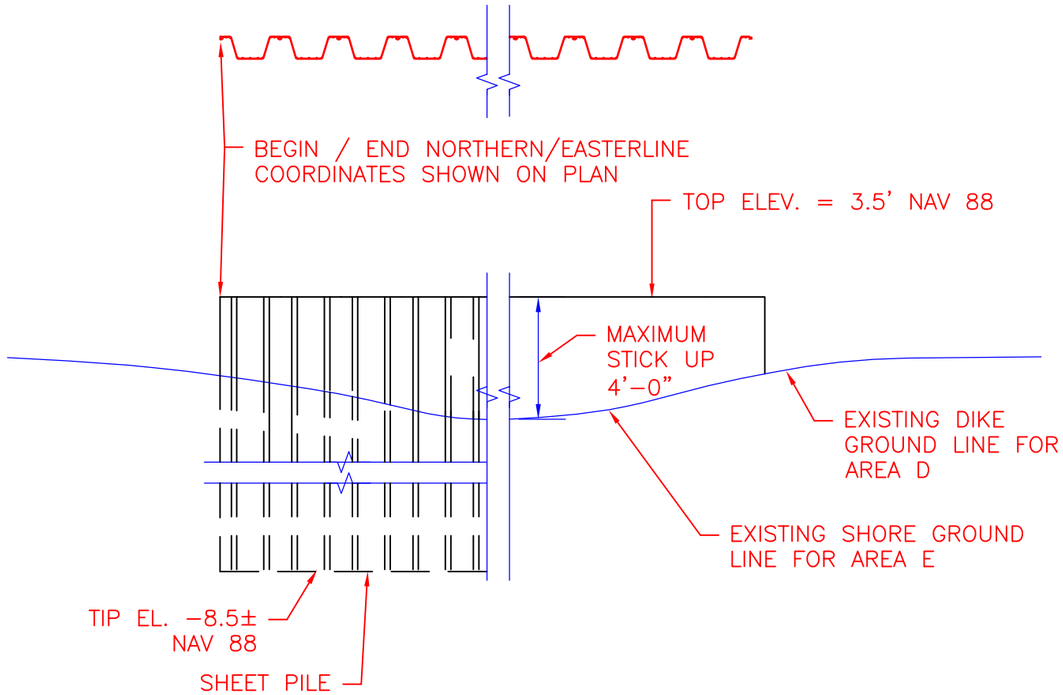
APPROVED BY: EJM

DRAWN BY: JSB

POINT PLATTE FINAL SURVEY, STAKE LAYOUT

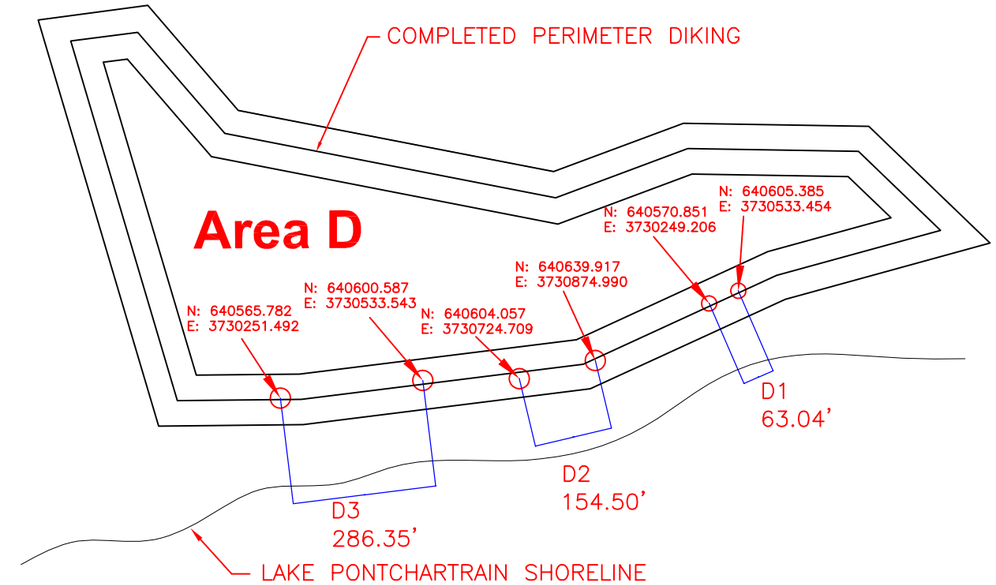
DATE: AUGUST 2009

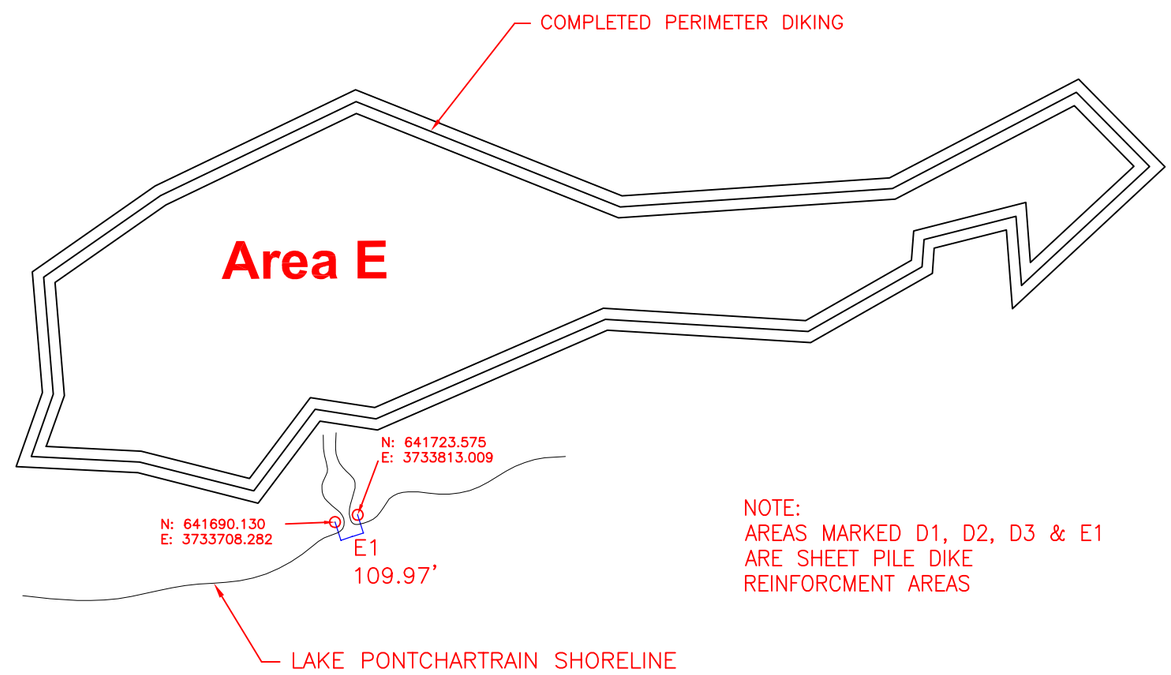
SHEET 7C OF 23



TYPICAL CANTILEVER SHEET PILE WALL

NOTES:
1. ALL ELEVATIONS ARE NAV 88 DATUM
2. SHEET PILE SECTIONS ARE MADE FROM VINYL AND ULTRA VIOLET RESISTANT. SECTIONS ARE OF BOX PROFILE.
3. THE SECTION PROPERTIES ARE:
   * SECTION MODULUS = 17.6 IN
   * MOMENT OF INERTIA = 79.0 IN
   * SECTION WIDTH=24", SECTION DEPTH=9", THICKNESS=0.29 INCHES
   * COLOR SHALL BE "CLAY"
   * ALLOWABLE MOMENT = 4693 FT/LBS.
4 SHEET PILES SHALL BE TYPE SG 525 VINYL ShoreGuard SHEET PILING AS MANUFACTURED BY CRANE MATERIALS INTERNATIONAL (1-800-256-8857) OR EQUIVALENT PRODUCT HAVING ABOVE MINIMUM PROPERTIES.
5 FOLLOW MANUFACTURER'S INSTALLATION GUIDELINES. SECTIONS MAY BE INSTALLED USING VIBRATOR, HYDRAULIC RAM AND/OR FOR JETTING.





NOTE:
AREAS MARKED D1, D2, D3 & E1 ARE SHEET PILE DIKE REINFORCMENT AREAS

REV.	DATE	DESCRIPTION	BY

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

PREPARED BY: BCG ENGINEERING & CONSULTING, INC.

GOOSE POINT/POINT PLATTE MARSH CREATION

STATE PROJECT NUMBER: PO-33

FEDERAL PROJECT NUMBER: PO-33

APPROVED BY: EJM

DRAWN BY: JSB

GOOSE POINT / POINT PLATTE SHEET PILE DIKE REINFORCEMENT

DATE: AUGUST 2009

SHEET 7D OF 23

Goose Point Borrow Site
Final Dredging Bottom Survey

REV.	DATE	DESCRIPTION	BY

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

PREPARED BY: BCG ENGINEERING & CONSULTING, INC.

GOOSE POINT/POINT PLATTE
MARSH CREATION

STATE PROJECT NUMBER: PO-33

FEDERAL PROJECT NUMBER: PO-33

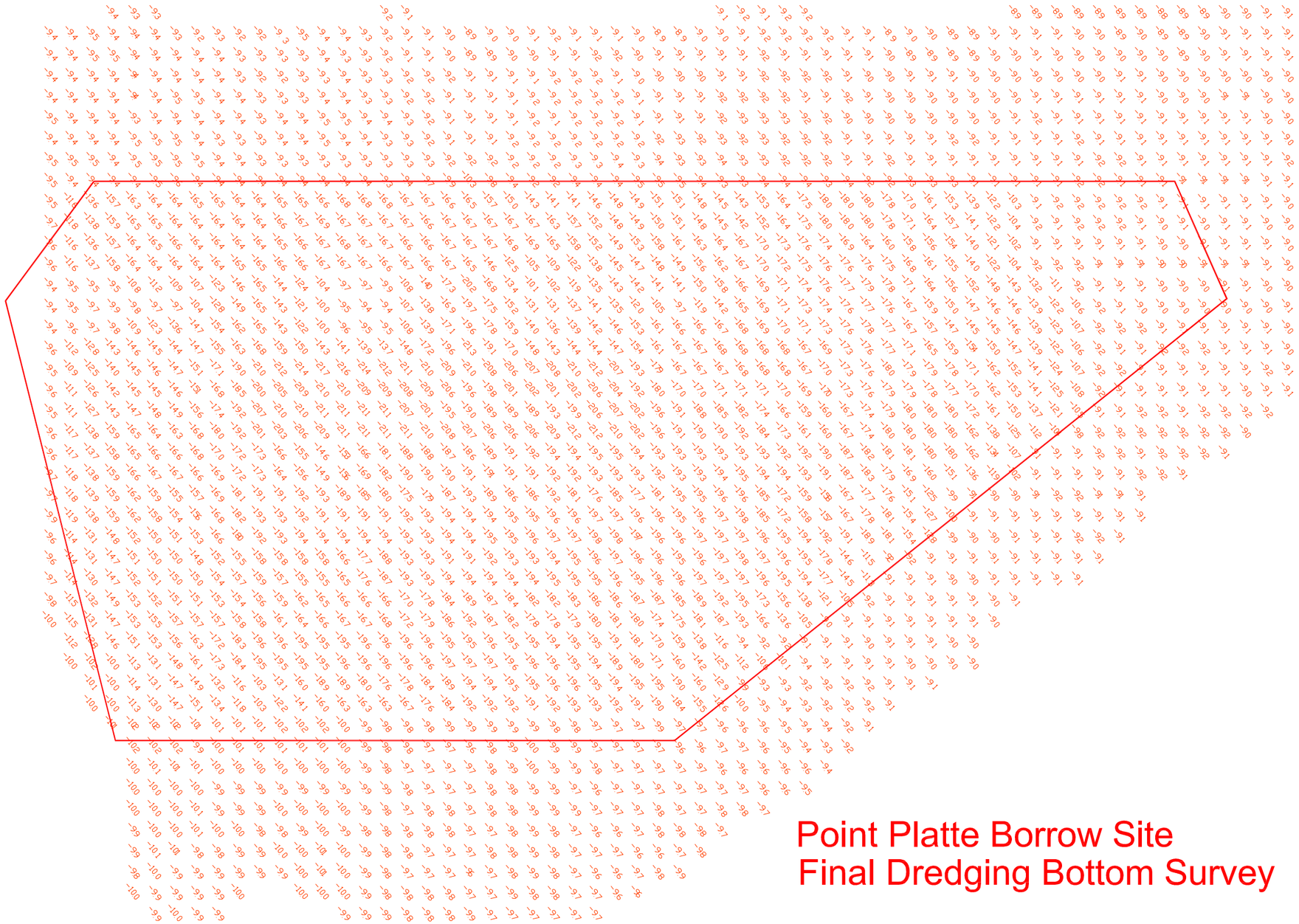
APPROVED BY: EJM

DRAWN BY: JSB

GOOSE POINT FINAL
BOTTOM SURVEY

DATE: AUGUST 2009

SHEET 8A OF 23



Point Platte Borrow Site
Final Dredging Bottom Survey

REV.	DATE	DESCRIPTION	BY

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

PREPARED BY: BCG ENGINEERING & CONSULTING, INC.

GOOSE POINT/POINT PLATTE MARSH CREATION

STATE PROJECT NUMBER: PO-33

FEDERAL PROJECT NUMBER: PO-33

APPROVED BY: EJM

DRAWN BY: JSB

POINT PLATTE FINAL BOTTOM SURVEY

DATE: AUGUST 2009

SHEET 8B OF 23