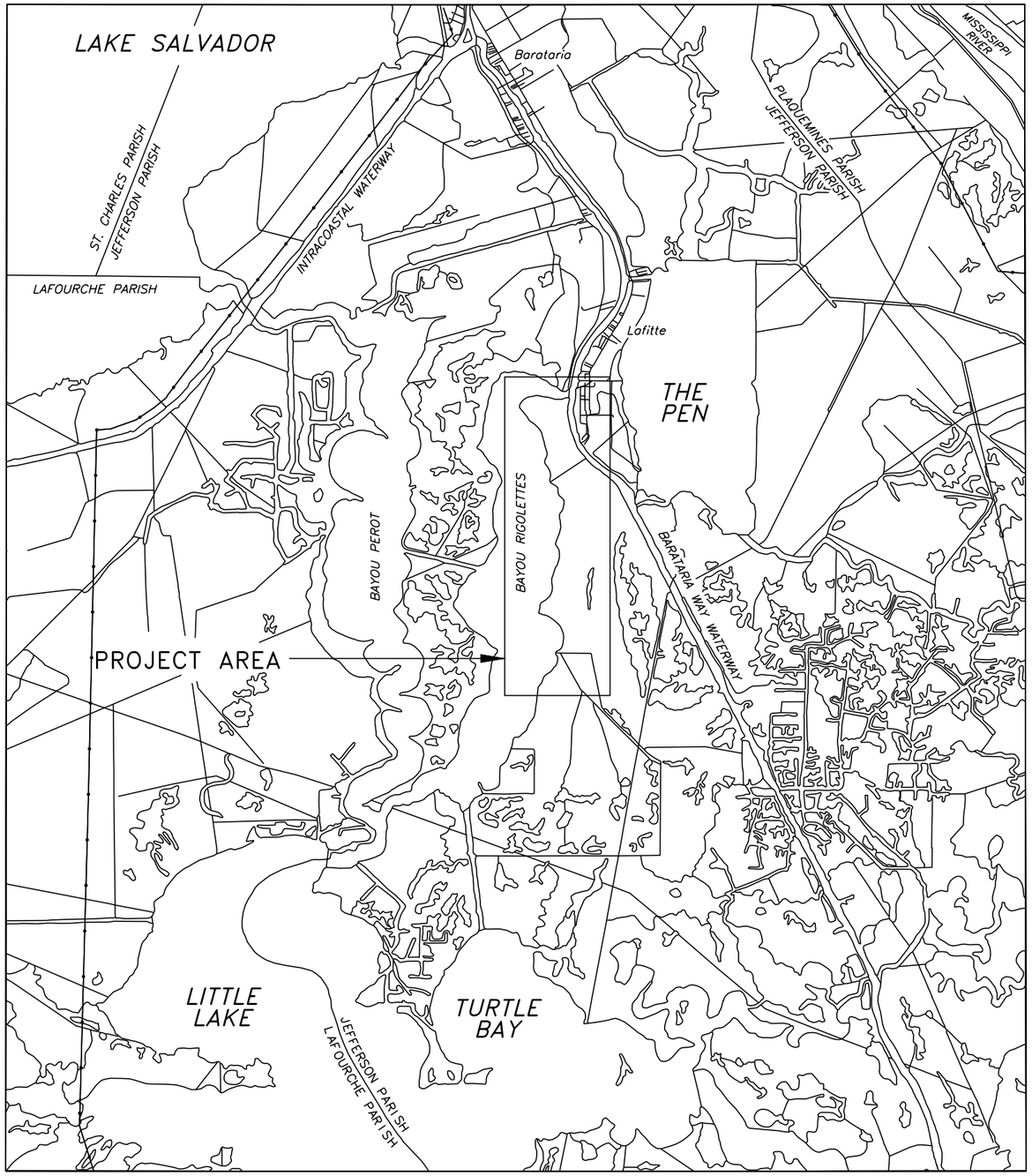
BARATARIA BASIN LANDBRIDGE PROJECT
CONSTRUCTION UNIT 6(BA-27D)

BUILT UNDER THE
COASTAL WETLANDS
PLANNING, PROTECTION,
AND
RESTORATION ACT
PUBLIC LAW 101-646

BY THE
LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
WITH THE ASSISTANCE OF THE
NATURAL RESOURCES CONSERVATION SERVICE
OF THE
UNITED STATES DEPARTMENT OF AGRICULTURE
2004

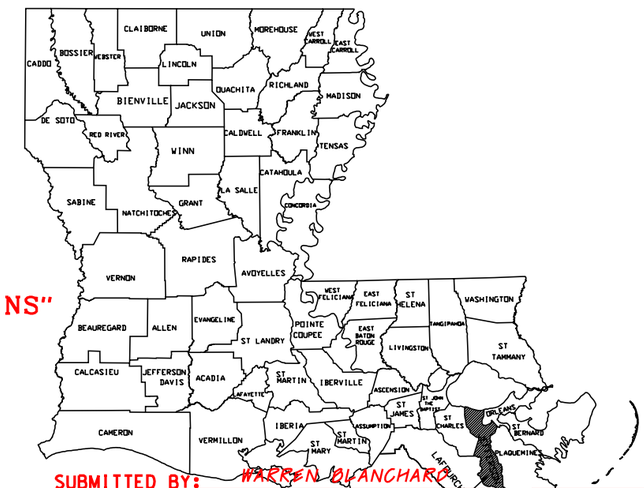
"AS-BUILT"



VICINITY MAP

1 0 2 4 6
SCALE IN MILES

N



"AS-BUILT PLANS"

LOCATION IN LOUISIANA
(JEFFERSON PARISH)

INDEX OF DRAWINGS

1	COVER SHEET
2	PLAN MAP/LANDRIGHTS MAP
3	MAGNETOMETER SURVEY RESULTS
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24	WARNING SIGN DETAILS
25	SETTLEMENT PLATE DETAILS
26	DETAILS - FISH DIPS
27	DETAILS - ENBRIDGE PIPELINE
28	DETAILS - SHELL PIPELINE
29-29b	SOIL BORINGS

SUBMITTED BY: WARREN DUANCHARD
GOVERNMENT REPRESENTATIVE — DATE

APPROVED BY: BRADLEY A. STICKER
ASSISTANT STATE CONSERVATION ENGINEER — DATE

ROBERT H. BORING III
STATE CONSERVATION ENGINEER — DATE

Contract No. AG-7217-C-5-6 Date 8/31/06
Contractor PINE BLUFF SAND & GRAVEL
Inspector ROBERT W. PAYTON
Date of Completion 4/27/06

BURK-KLEINPETER, INC.
ENGINEERS, ARCHITECTS, PLANNERS, ENVIRONMENTAL SCIENTISTS
4176 CANAL STREET, NEW ORLEANS, LOUISIANA 70119-5994
(504) 486-5901 FAX (504) 488-1714

DESIGNED M. ROBERTS | DETAILED C. SCURICH | DATE 1/04
CHECKED M. CHOPIN | BKI JOB NO. 10142 | SCALE AS SHOWN | SHEET NO. 1

COVER SHEET
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU 6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

REVISIONS: NO. | DATE | APPR. | TITLE

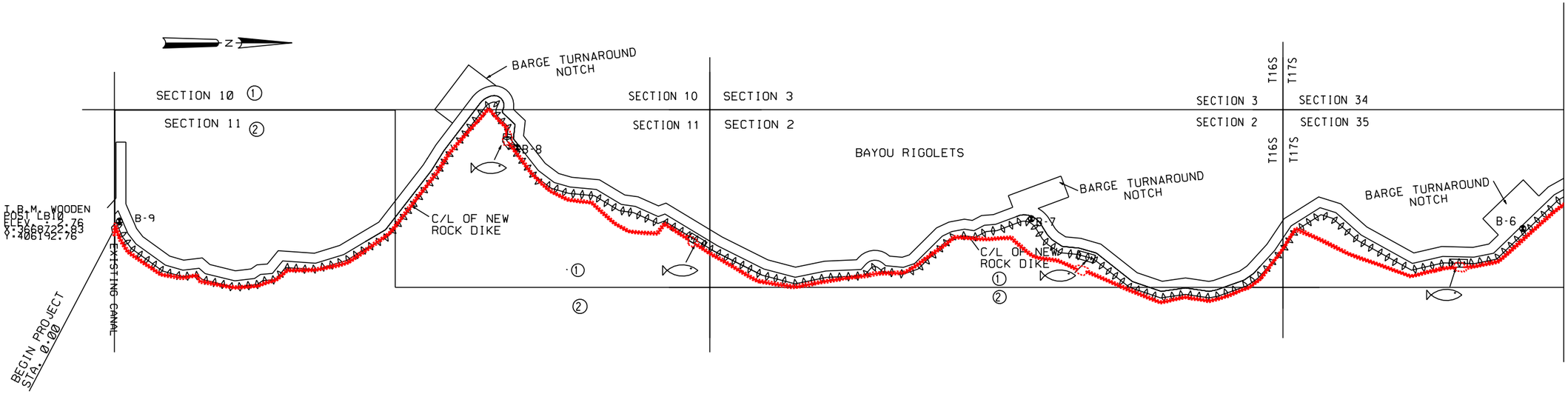
CAD FILE NO.

DRAWING NO. LA-352

SHEET NO 1 OF 29

01. TITLE.dgn 10/4/2006 3:26:52 PM

NOTICE:
48 HOURS BEFORE DIGGING
CALL 1-800-272-3020
TO LOCATE UTILITY LINES



THE NATURAL RESOURCES CONSERVATION SERVICE DOES NOT GUARANTEE THE COMPLETENESS AND ACCURACY OF OWNERSHIP SHOWN. APPARENT OWNERSHIP HAS BEEN OBTAINED FROM MAPS IN THE OFFICE OF THE PARISH CLERK OF COURT OR THE TAX ASSESSOR. WHERE AN APPARENT PROPERTY LINE IS SHOWN NEAR THE CENTERLINE OF A CHANNEL, ITS LOCATION IS NOT DEFINITE.

NOTE :
KNOWN PIPELINES AND UTILITIES ARE SHOWN ON THE PLANS. IT IS POSSIBLE THAT PIPELINES AND UTILITIES MAY EXIST THAT HAVE NOT BEEN SHOWN. THE CONTRACTOR SHALL BE ON THE ALERT FOR SUCH PIPELINES AND UTILITIES, AND SHALL REPORT THEM IMMEDIATELY TO THE CONTRACTING OFFICER.

GENERAL NOTES

1. KNOWN PIPELINES AND UTILITIES ARE SHOWN ON THE PLANS. IT IS POSSIBLE THAT SOME MAY EXIST THAT HAVE NOT BEEN SHOWN. THE CONTRACTOR SHALL BE ON THE ALERT FOR SUCH PIPELINES AND UTILITIES, AND SHALL REPORT THEM IMMEDIATELY TO THE CONTRACTNG OFFICER.
2. NO DREDGING WILL BE ALLOWED WITHIN 50 FEET OF A KNOWN PIPELINE. SEE PLAN/PROFILES FOR PIPELINE LOCATIONS.
3. THE VERTICAL DATUM IS NAVD 88. THE HORIZONTAL DATUM IS NAD 83.
4. SEE SHT. 16 FOR TYPICAL SECTION DETAILS AND FLOTATION ACCESS CHANNEL DETAILS.
5. TBM WOODEN POST WAS ESTABLISHED FROM HORN MARK "LAFITTE 2".

LEGEND

B-5 SOIL BORING

LANDOWNERS :

① RIGOLETS LIMITED PARTNERSHIP

② MADISON LAND COMPANY ET.AL.

SECTION LINE

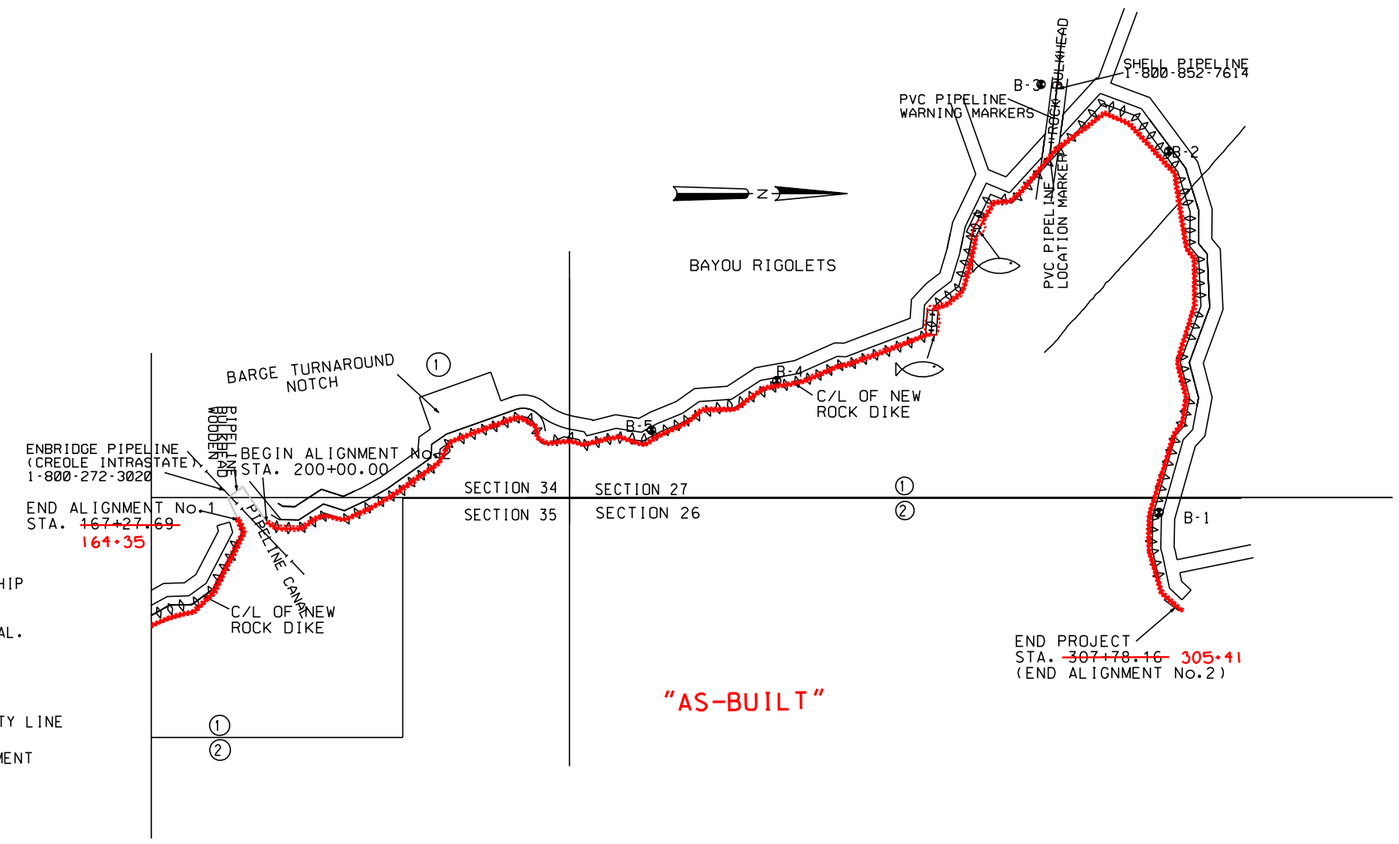
APPARENT PROPERTY LINE

PROPOSED REVETMENT

ACCESS CHANNEL

FISH DIP

1000' 0 1000' 2000'



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4176 CANAL STREET, NEW ORLEANS, LOUISIANA 70119-5994
(504) 486-5901 FAX (504) 488-1714

DESIGNED	M. ROBERTS	DATE	08/04
CHECKED	M. CHOPIN	SCALE	AS SHOWN
DETAILED	A. BRANCH	SHEET NO.	2
BKI JOB NO.	10142		

PLAN MAP / LANDRIGHTS MAP
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

REVISIONS			
NO.	DATE	APPR.	TITLE

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LA-352

Sht. 2 of 29

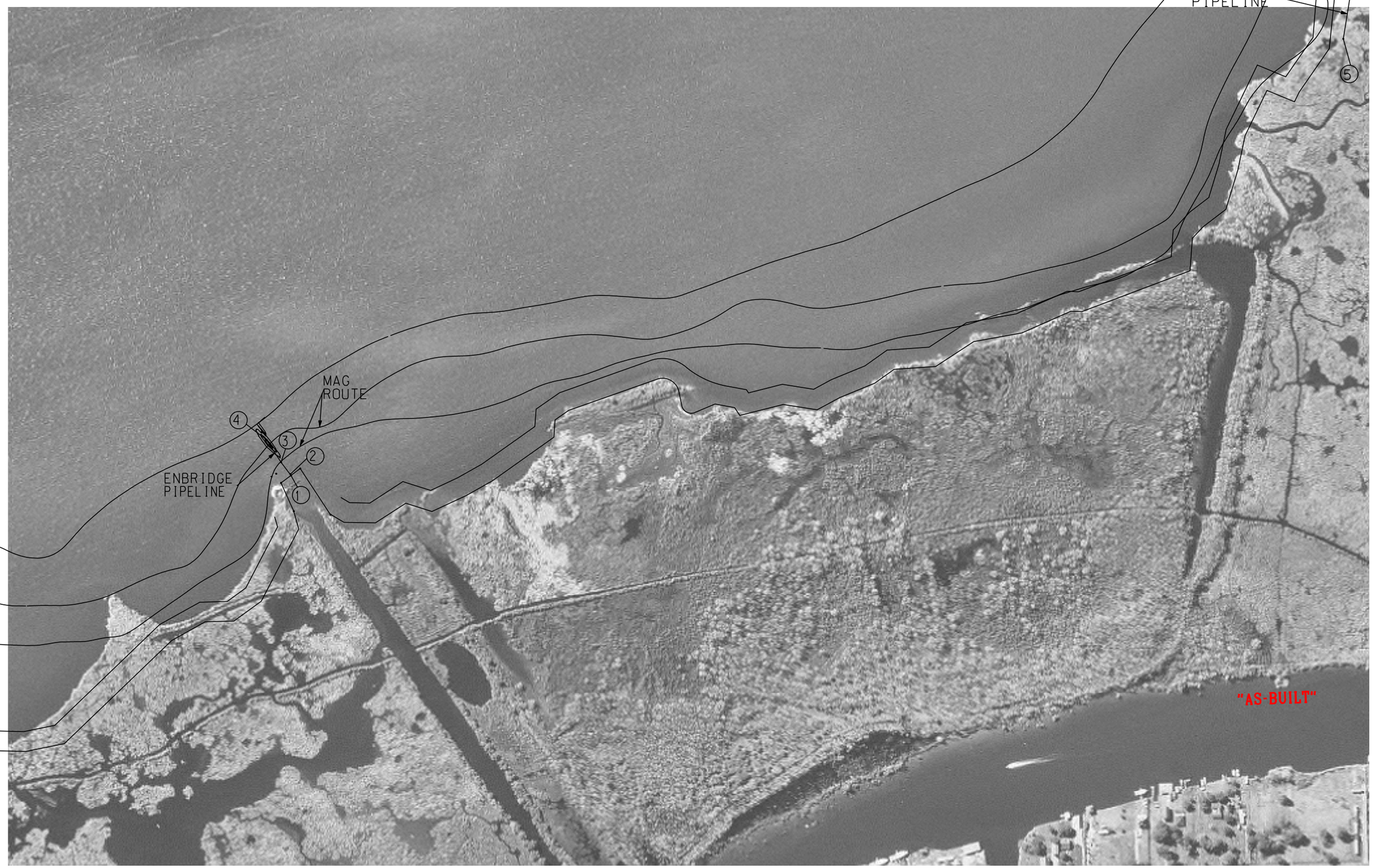
02. planmap.dgn 10/4/2006 3:28:14 PM

N

500′ 0 500′ 1000′

	NO.	X (NAD 83)	Y (NAD 83)	COVER
ENBRIDGE PIPELINE	1	3667610.64	419779.01	8.0′
	2	3667603.30	419775.88	MAG HIT
	3	3667542.78	419727.78	MAG HIT
	4	3667429.30	419654.31	MAG HIT
SHELL PIPELINE	5	3665382.94	425147.81	5.0′
	6	3665101.87	425193.10	MAG HIT
	7	3664806.10	425233.32	MAG HIT

NOTE: THE IMFORMATION SHOWN ON THIS SHEET WAS OBTAINED FROM THE MAGNETOMETER SURVEY PERFORMED IN DEC. 2003. SINCE THAT TIME THE SHELL PIPELINE HAS BEEN LOWERED. AS IS REPRESENTED ON DRAWING SHEET 28 OF 29



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DESIGNED M. ROBERTS
DETAILED A. BRANCH
DATE 1/04
CHECKED M. CHOPIN
BKI JOB NO. 10142
SCALE AS SHOWN
SHEET NO. 3

MAGNETOMETER SURVEY RESULTS
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

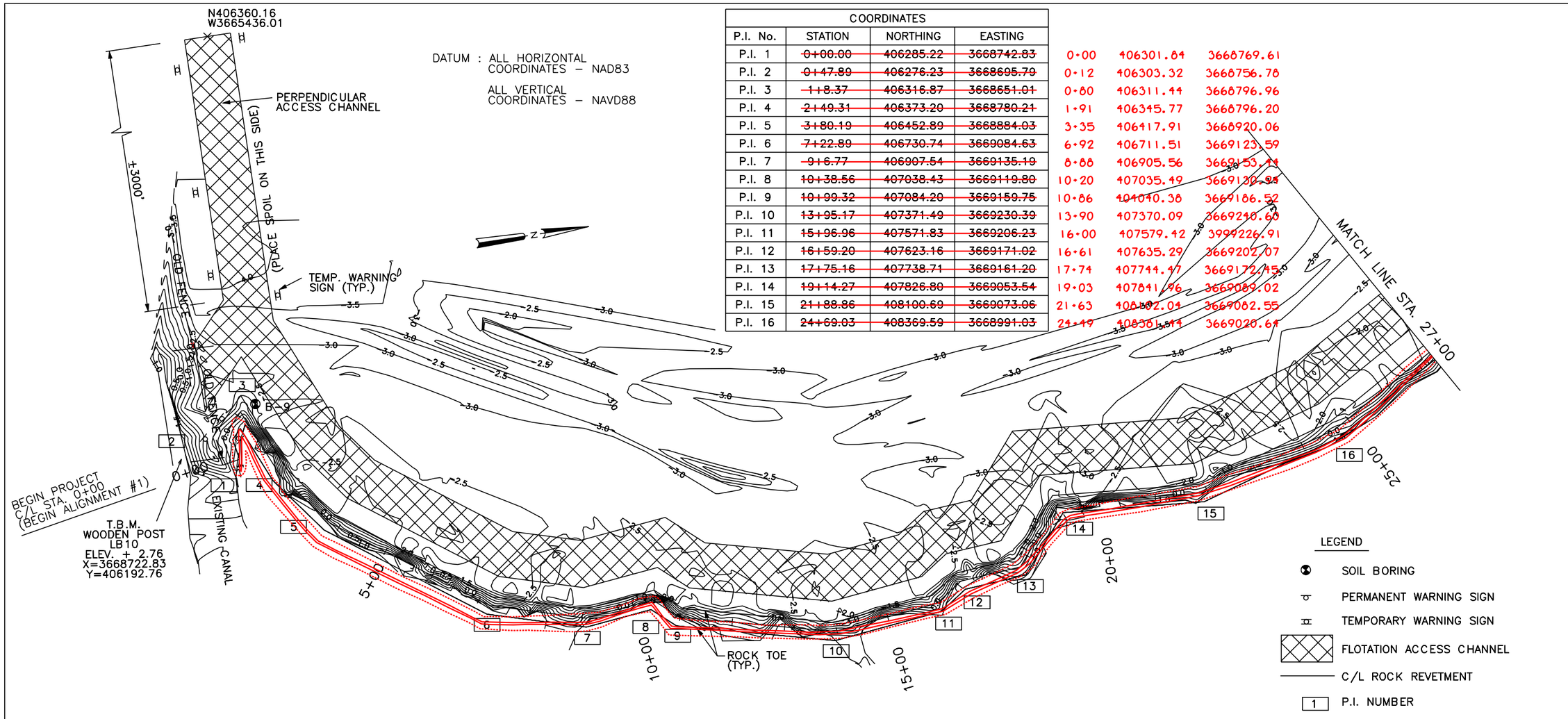
REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILE NO.

DRAWING NO.
LA-352

Sht. 3 of 29

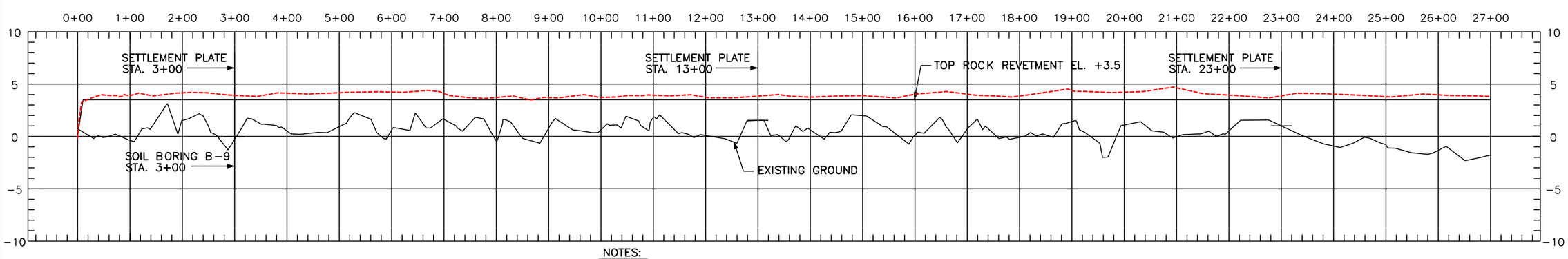
03. magnetometer.dgn 10/4/2006 3:29:48 PM



DATUM : ALL HORIZONTAL COORDINATES – NAD83

ALL VERTICAL COORDINATES – NAVD88

COORDINATES						
P.I. No.	STATION	NORTHING	EASTING			
P.I. 1	~~0+00.00~~	~~406285.22~~	~~3668742.83~~	0+00	406301.84	3668769.61
P.I. 2	~~0+47.89~~	~~406276.23~~	~~3668695.79~~	0+12	406303.32	3668756.78
P.I. 3	~~1+18.37~~	~~406316.87~~	~~3668651.01~~	0+80	406311.44	3668796.96
P.I. 4	~~2+49.31~~	~~406373.20~~	~~3668780.21~~	1+91	406345.77	3668796.20
P.I. 5	~~3+80.19~~	~~406452.89~~	~~3668884.03~~	3+35	406417.91	3668920.06
P.I. 6	~~7+22.89~~	~~406730.74~~	~~3669084.63~~	6+92	406711.51	3669123.59
P.I. 7	~~9+76.77~~	~~406907.54~~	~~3669135.19~~	8+88	406905.56	3669153.44
P.I. 8	~~10+38.56~~	~~407038.43~~	~~3669119.80~~	10+20	407035.49	3669130.93
P.I. 9	~~10+99.32~~	~~407084.20~~	~~3669159.75~~	10+86	407040.38	3669186.52
P.I. 10	~~13+95.17~~	~~407371.49~~	~~3669230.39~~	13+90	407370.09	3669240.60
P.I. 11	~~15+96.96~~	~~407571.83~~	~~3669206.23~~	16+00	407579.42	3999226.91
P.I. 12	~~16+59.20~~	~~407623.16~~	~~3669171.02~~	16+61	407635.29	3669202.07
P.I. 13	~~17+75.16~~	~~407738.71~~	~~3669161.20~~	17+74	407744.47	3669172.45
P.I. 14	~~19+14.27~~	~~407826.80~~	~~3669053.54~~	19+03	407841.96	3669089.02
P.I. 15	~~21+88.86~~	~~408100.69~~	~~3669073.06~~	21+63	408102.04	3669082.55
P.I. 16	~~24+69.03~~	~~408369.59~~	~~3668991.03~~	24+49	408361.44	3669020.64



NOTICE:
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CALL 1-800-272-3020
TO LOCATE UTILITY LINES

NOTES:

1. P.I. COORDINATE LOCATIONS STAKED IN THE FIELD BY THE COTR MAY VARY SLIGHTLY FROM COORDINATES LISTED ABOVE DUE TO SHORELINE RECESSION.

2. FINAL SETTLEMENT PLATE LOCATION WILL BE STAKED IN THE FIELD BY COTR.

"AS-BUILT"

200' 0 200' 400'
HORIZONTAL SCALE IN FEET

10' 5' 0 5' 10' 15' 20'
VERTICAL SCALE IN FEET

BURK-KLEINPETER, INC.
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(504) 486-5901 FAX (504) 488-1714

DESIGNED M. ROBERTS | DETAILED C. SCURICH | DATE 1/04
CHECKED M. CHOPIN | BKI JOB NO. 10142 | SCALE AS SHOWN | SHEET NO. 4

PLAN AND PROFILE
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE – NATURAL RESOURCES CONSERVATION SERVICE

REVISIONS: NO. | DATE | APPR. | TITLE

CAD FILE NO.

DRAWING NO. LA-352

SHT. 4 OF 29

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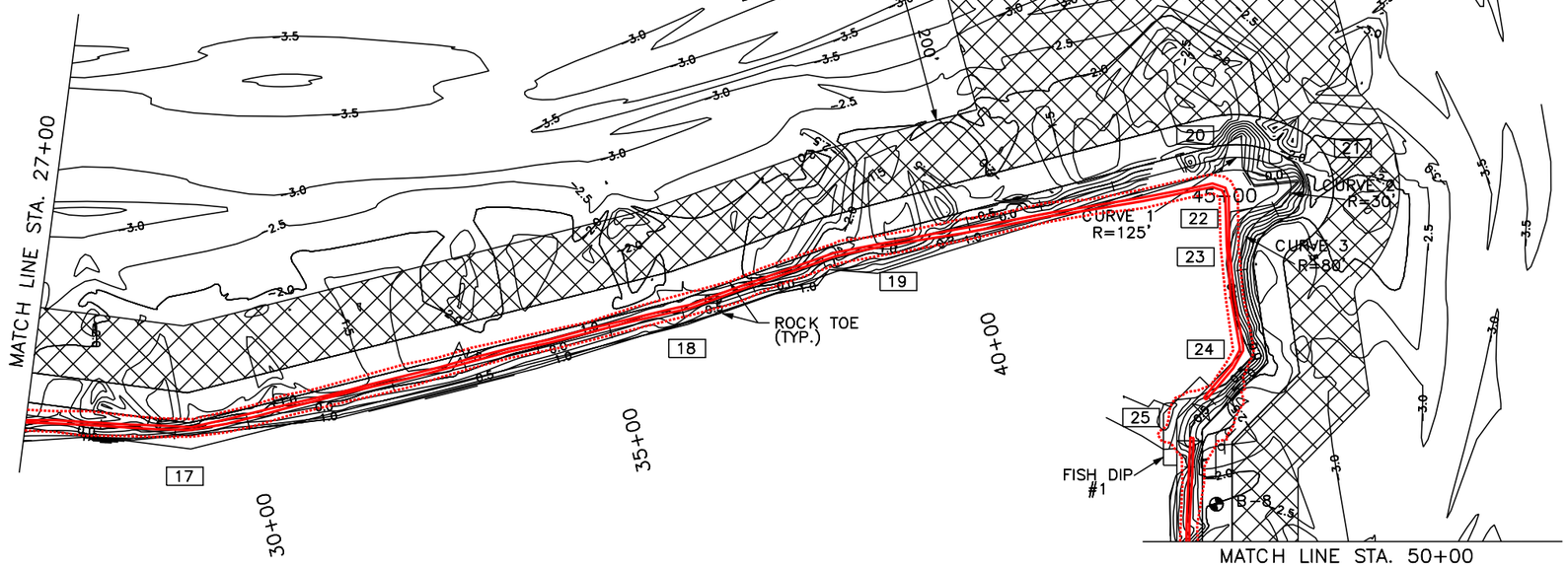
CURVE	PC STA.	PC		PT STA.	PT		L	T	△
		X	Y		X	Y			
1	43+42.24	3667811.40	409424.21	44+35.44	3667767.12	409503.78	93.20	48.89	42°43'13.7"
2	44+35.44	3667767.12	409503.78	44+98.60	3667813.18	409528.18	63.16	52.62	120°37'11.9"
3	44+98.60	3667813.18	409528.18	45+98.11	3667905.50	409541.10	99.51	57.35	71°16'1.8"

NOTE :
ALL RADII AND CURVE DATA REFER TO C/L ROCK REVETMENT

COORDINATES			
P.I. No.	STATION	NORTHING	EASTING
P.I. 17	~~29+20.27~~	~~406285.22~~	~~3668760.48~~
P.I. 18	~~36+11.39~~	~~409174.26~~	~~3668222.53~~
P.I. 19	~~38+12.41~~	~~409286.98~~	~~3668044.15~~
P.I. 20	~~43+42.24~~	~~409608.04~~	~~3667622.66~~
~~P.I. 21~~	~~44+35.44~~	~~409687.60~~	~~3667570.38~~
P.I. 22	~~44+98.60~~	~~409712.00~~	~~3667624.44~~
P.I. 23	~~45.98+11~~	~~409724.92~~	~~3667716.76~~
P.I. 24	~~47+19.35~~	~~409812.76~~	~~3667800.32~~
P.I. 25	~~48+43.09~~	~~409799.17~~	~~3667923.31~~

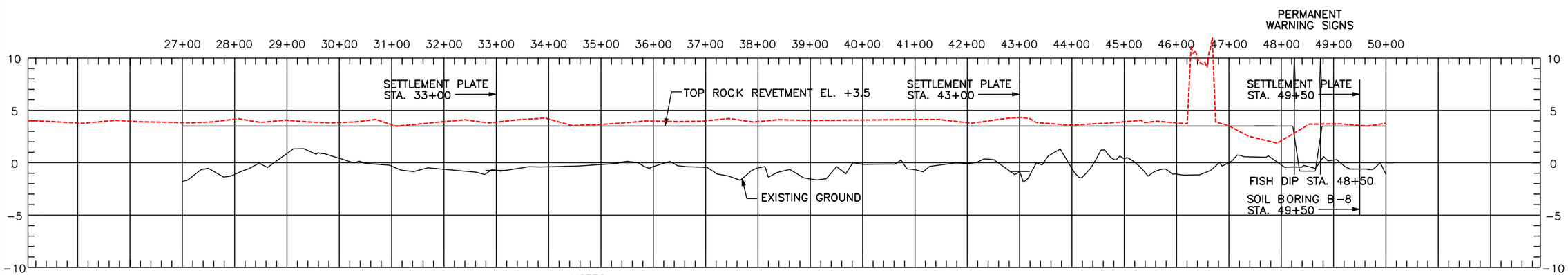
~~29+05 408756.48 3668760.48~~
~~35+87 409174.26 3668222.53~~
~~37+98 409286.99 3668044.15~~
~~43+28 409615.78 3667651.12~~
~~43+47 409660.43 3667666.39~~
~~44+28 409708.63 3667732.29~~
~~45+12 409794.60 3667806.86~~
~~46+59 409799.17 3667923.31~~

NOTE: SEE DWG. 26 OF 29 FOR FISH DIP DETAILS.



LEGEND

- SOIL BORING
- PERMANENT WARNING SIGN
- TEMPORARY WARNING SIGN
- FLOTATION ACCESS CHANNEL
- C/L ROCK REVETMENT
- 1 P.I. NUMBER



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TO LOCATE UTILITY LINES

NOTES:

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2. FINAL SETTLEMENT PLATE LOCATION WILL BE STAKED IN THE FIELD BY COTR.

"AS-BUILT"

200' 0 200' 400'
HORIZONTAL SCALE IN FEET

10' 5' 0 5' 10' 15' 20'
VERTICAL SCALE IN FEET

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DESIGNED M. ROBERTS
CHECKED M. CHOPIN
DETAILED C. SCURICH
DATE 1/04
SCALE AS SHOWN
SHEET NO. 5
BKI JOB NO. 10142

PLAN AND PROFILE
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILE NO.

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LA-352

SHT. 5 OF 29

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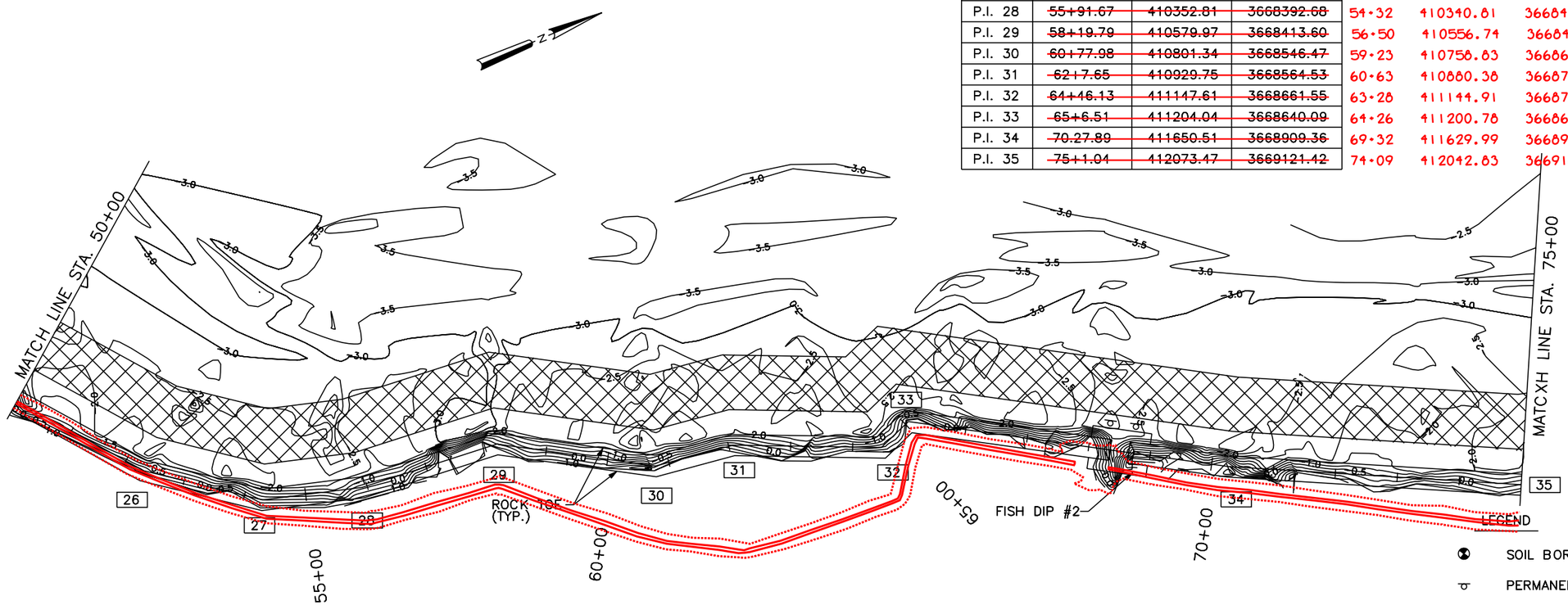
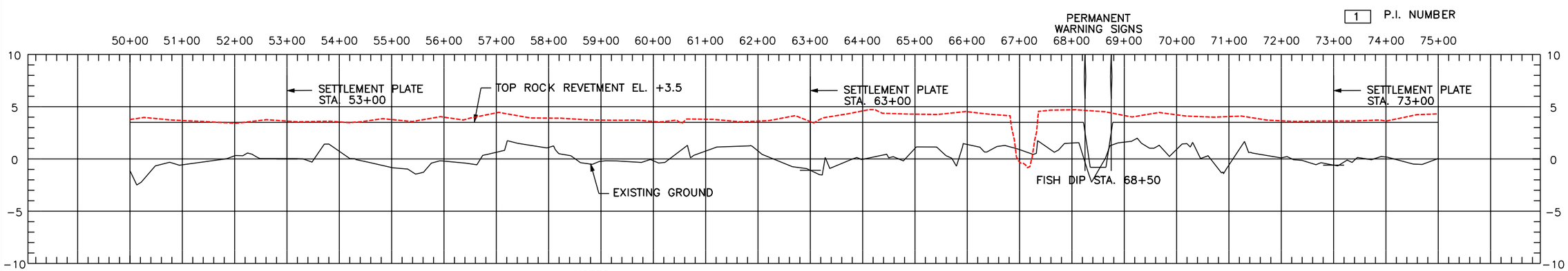
COORDINATES						
P.I. No.	STATION	NORTHING	EASTING			
P.I. 26	~~52+33.00~~	~~410039.77~~	~~3668230.14~~	50+50	410031.02	3668238.76
P.I. 27	~~54+29.82~~	~~410197.15~~	~~3668348.33~~	52+55	410183.75	3668374.94
P.I. 28	~~55+91.67~~	~~410352.81~~	~~3668392.68~~	54+32	410340.81	3668457.65
P.I. 29	~~58+19.79~~	~~410579.97~~	~~3668413.60~~	56+50	410556.74	3668483.81
P.I. 30	~~60+77.98~~	~~410801.34~~	~~3668546.47~~	59+23	410758.83	3668666.86
P.I. 31	~~62+7.65~~	~~410929.75~~	~~3668564.53~~	60+63	410880.38	3668737.59
P.I. 32	~~64+46.13~~	~~411147.61~~	~~3668661.55~~	63+28	411144.91	3668757.13
P.I. 33	~~65+6.51~~	~~411204.04~~	~~3668640.09~~	64+26	411200.78	3668677.49
P.I. 34	~~70.27.89~~	~~411650.51~~	~~3668909.36~~	69+32	411629.99	3668946.78
P.I. 35	~~75+1.04~~	~~412073.47~~	~~3669121.42~~	74+09	412042.83	3669185.47



NOTE: SEE DWG. 26 OF 29 FOR FISH DIP DETAILS

LEGEND

- SOIL BORING
- PERMANENT WARNING SIGN
- TEMPORARY WARNING SIGN
- FLOTATION ACCESS CHANNEL
- C/L ROCK REVETMENT
- 1 P.I. NUMBER



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DESIGNED M. ROBERTS
DETAILED C. SCURICH
CHECKED M. CHOPIN
DATE 1/04
SCALE AS SHOWN
BKI JOB NO. 10142
SHEET NO. 6

PLAN AND PROFILE
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

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SHT. 6 OF 29

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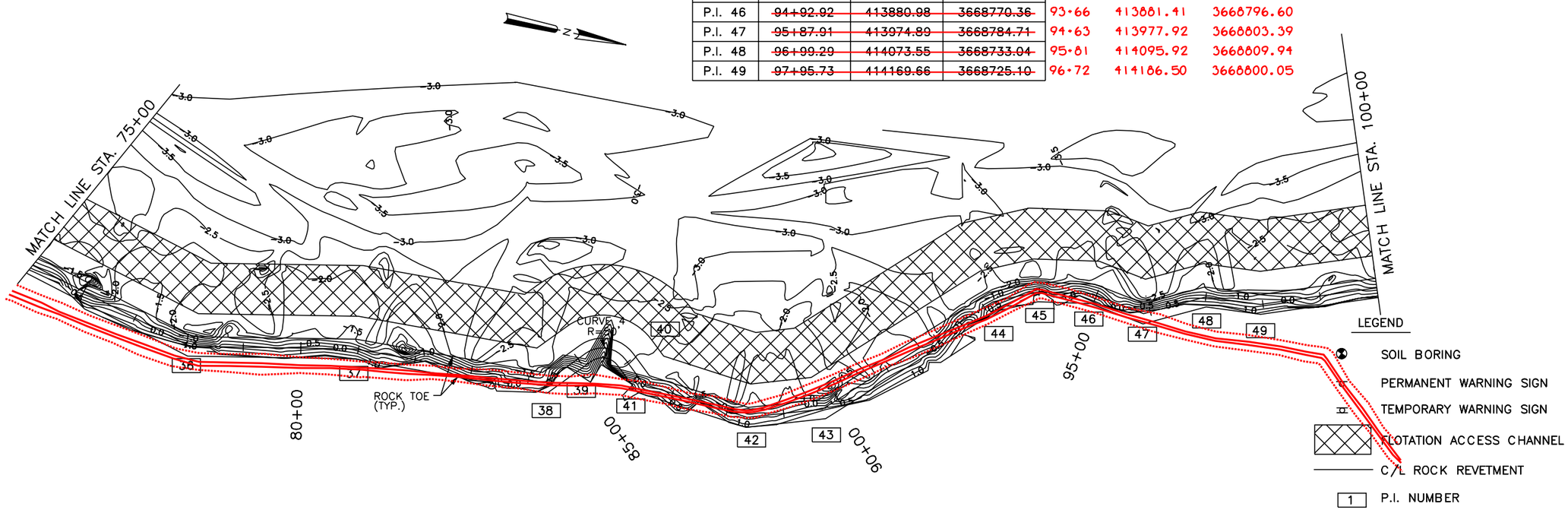
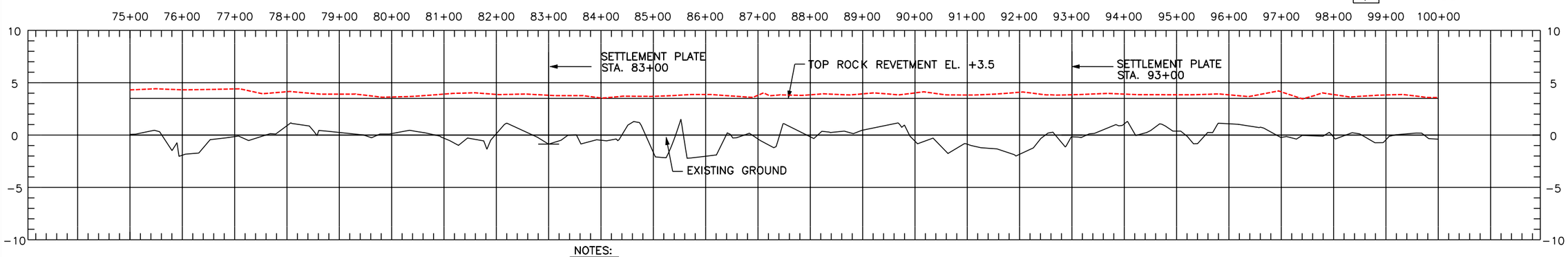
CURVE	PC STA.	PC		PT STA.	PT		L	T	△
		X	Y		X	Y			
4	85+16.32	3669062.26	413043.30	85+94.39	3669057.83	413113.54	78.07	49.54	89°28'0.4"

COORDINATES						
P.I. No.	STATION	NORTHING	EASTING			
P.I. 36	~~78+7.53~~	~~412369.91~~	~~3669199.26~~	77+39	412368.86	3669234.96
P.I. 37	~~80+94.58~~	~~412651.10~~	~~3669141.56~~	80+31	412656.26	3669182.98
P.I. 38	~~84+29.11~~	~~412985.34~~	~~3669127.41~~	83+67	412989.24	3669135.62
P.I. 39	~~85+16.32~~	~~413043.30~~	~~3669062.26~~	84+80	413099.37	3669112.16
~~P.I. 40~~	~~85+94.39~~	~~413113.54~~	~~3669057.83~~			
P.I. 41	~~86+47.21~~	~~413153.33~~	~~3669092.56~~	85+26	413144.98	3669112.40
P.I. 42	~~88+36.44~~	~~413341.77~~	~~3669109.79~~	87+22	413341.70	3669109.81
P.I. 43	~~89+67.56~~	~~413465.95~~	~~3669067.66~~	88+51	413453.67	3669047.67
P.I. 44	~~93+17.69~~	~~413714.82~~	~~3668821.39~~	91+94	413730.10	3668843.16
P.I. 45	~~93+96.08~~	~~413785.77~~	~~3668788.09~~	92+71	413786.82	3668791.28
P.I. 46	~~94+92.92~~	~~413880.98~~	~~3668770.36~~	93+66	413881.41	3668796.60
P.I. 47	~~95+87.91~~	~~413974.89~~	~~3668784.71~~	94+63	413977.92	3668803.39
P.I. 48	~~96+99.29~~	~~414073.55~~	~~3668733.04~~	95+81	414095.92	3668809.94
P.I. 49	~~97+95.73~~	~~414169.66~~	~~3668725.10~~	96+72	414186.50	3668800.05





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TO LOCATE UTILITY LINES

NOTES:

1. P.I. COORDINATE LOCATIONS STAKED IN THE FIELD BY THE COTR MAY VARY SLIGHTLY FROM COORDINATES LISTED ABOVE DUE TO SHORELINE RECESSION.

2. FINAL SETTLEMENT PLATE LOCATION WILL BE STAKED IN THE FIELD BY COTR.

"AS-BUILT"

200' 0 200' 400'
HORIZONTAL SCALE IN FEET

10' 5' 0 5' 10' 15' 20'
VERTICAL SCALE IN FEET

BURK-KLEINPETER, INC.
ENGINEERS, ARCHITECTS, PLANNERS, ENVIRONMENTAL SCIENTISTS
4176 CANAL STREET, NEW ORLEANS, LOUISIANA 70119-5994
(504) 486-5901 FAX (504) 488-1714

DESIGNED M. ROBERTS | DETAILED C. SCURICH | DATE 1/04
CHECKED M. CHOPIN | BKI JOB NO. 10142 | SCALE AS SHOWN | SHEET NO. 7

PLAN AND PROFILE
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

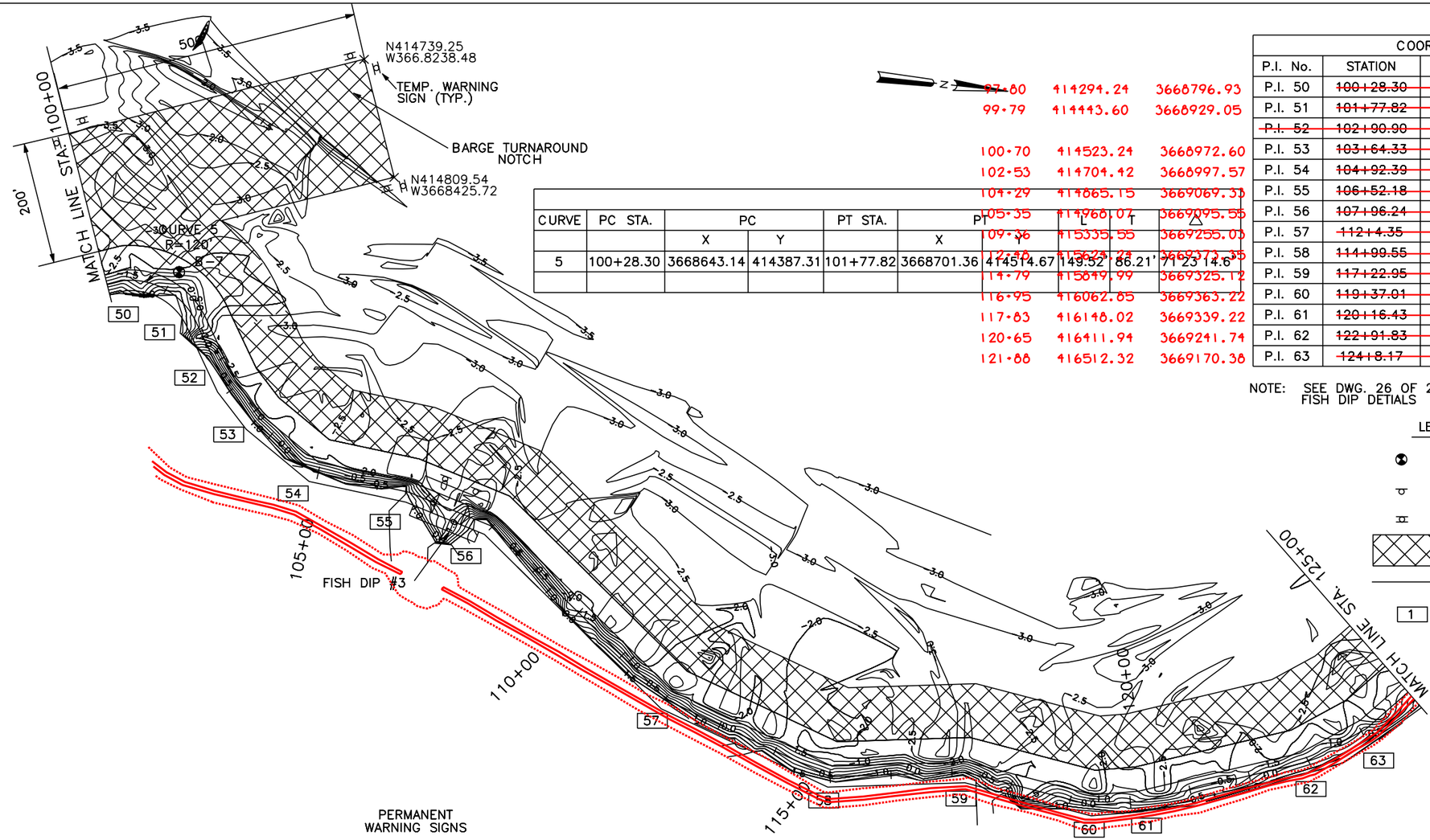
REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILE NO.

DRAWING NO.
LA-352

SHT. 7 OF 29

07. plan4.dgn 10/4/2006 3:36:12 PM



CURVE	PC STA.	PC X	PC Y	PT STA.	PT X	PT Y	L	T	Δ
5	100+28.30	3668643.14	414387.31	101+77.82	3668701.36	414514.67	149.52'	86.21'	71°23'14.6"

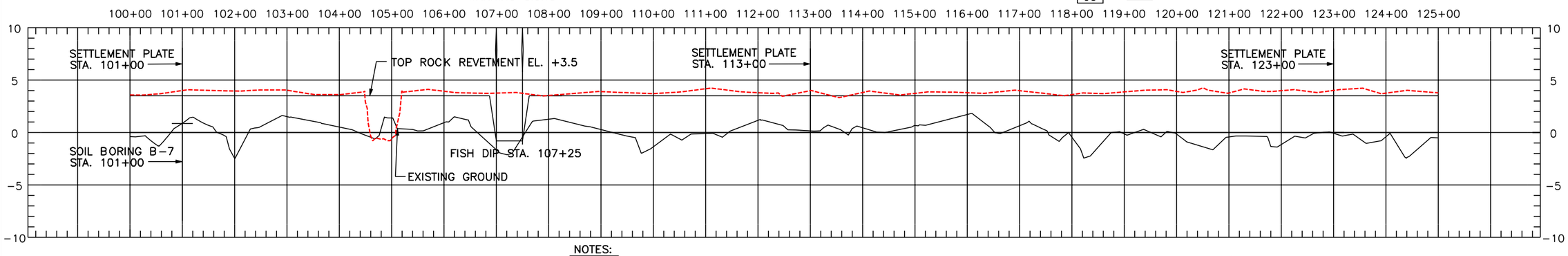
COORDINATES			
P.I. No.	STATION	NORTHING	EASTING
P.I. 50	~~100+28.30~~	~~414387.31~~	~~3668643.14~~
P.I. 51	~~101+77.82~~	~~414514.67~~	~~3668701.36~~
~~P.I. 52~~	~~102+90.90~~	~~414573.84~~	~~3668797.72~~
P.I. 53	~~103+64.33~~	~~414624.68~~	~~3668850.71~~
P.I. 54	~~104+92.39~~	~~414731.60~~	~~3668921.19~~
P.I. 55	~~106+52.18~~	~~414890.59~~	~~3668937.10~~
P.I. 56	~~107+96.24~~	~~415029.08~~	~~3668976.76~~
P.I. 57	~~112+4.35~~	~~415349.44~~	~~3669229.59~~
P.I. 58	~~114+99.55~~	~~415628.80~~	~~3669325.00~~
P.I. 59	~~117+22.95~~	~~415849.94~~	~~3669293.24~~
P.I. 60	~~119+37.01~~	~~416061.73~~	~~3669324.26~~
P.I. 61	~~120+16.43~~	~~416139.69~~	~~3669309.09~~
P.I. 62	~~122+91.83~~	~~416399.11~~	~~3669216.65~~
P.I. 63	~~124+8.17~~	~~416494.52~~	~~3669150.07~~

~~97+80~~	414294.24	3668796.93
99+79	414443.60	3668929.05
100+70	414523.24	3668972.60
102+53	414704.42	3668997.57
104+29	414865.15	3669069.30
105+35	414960.07	3669095.55
109+96	415335.55	3669255.00
112+40	415623.73	3669373.35
114+79	415849.99	3669325.12
116+95	416062.65	3669363.22
117+83	416148.02	3669339.22
120+65	416411.94	3669241.74
121+88	416512.32	3669170.38

NOTE: SEE DWG. 26 OF 29 FISH DIP DETIALS

LEGEND

- SOIL BORING
- PERMANENT WARNING SIGN
- TEMPORARY WARNING SIGN
- FLOTATION ACCESS CHANNEL
- C/L ROCK REVETMENT
- 1 P.I. NUMBER



NOTICE:
48 HOURS BEFORE DIGGING
CALL 1-800-272-3020
TO LOCATE UTILITY LINES

NOTES:

1. P.I. COORDINATE LOCATIONS STAKED IN THE FIELD BY THE COTR MAY VARY SLIGHTLY FROM COORDINATES LISTED ABOVE DUE TO SHORELINE RECESSION.

2. FINAL SETTLEMENT PLATE LOCATION WILL BE STAKED IN THE FIELD BY COTR.

"AS-BUILT"

200' 0 200' 400'
HORIZONTAL SCALE IN FEET

10' 5' 0 5' 10' 15' 20'
VERTICAL SCALE IN FEET

BURK-KLEINPETER, INC.
ENGINEERS, ARCHITECTS, PLANNERS, ENVIRONMENTAL SCIENTISTS
4176 CANAL STREET, NEW ORLEANS, LOUISIANA 70119-5994
(504) 486-5901 FAX (504) 488-1714

DESIGNED M. ROBERTS
CHECKED M. CHOPIN
DETAILED C. SCURICH
DATE 1/04
SCALE AS SHOWN
SHEET NO. 8
BKI JOB NO. 10142

PLAN AND PROFILE
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILE NO.

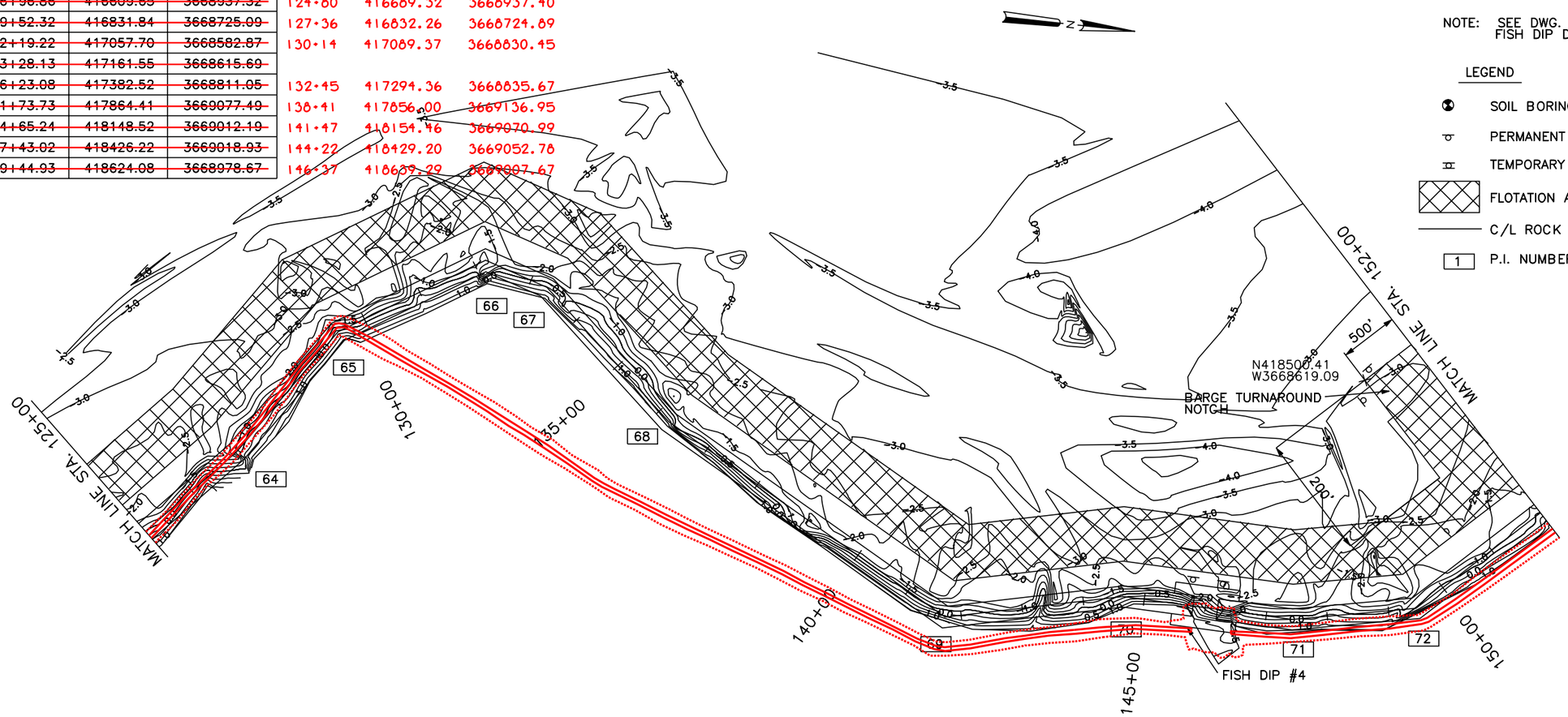
DRAWING NO.
LA-352

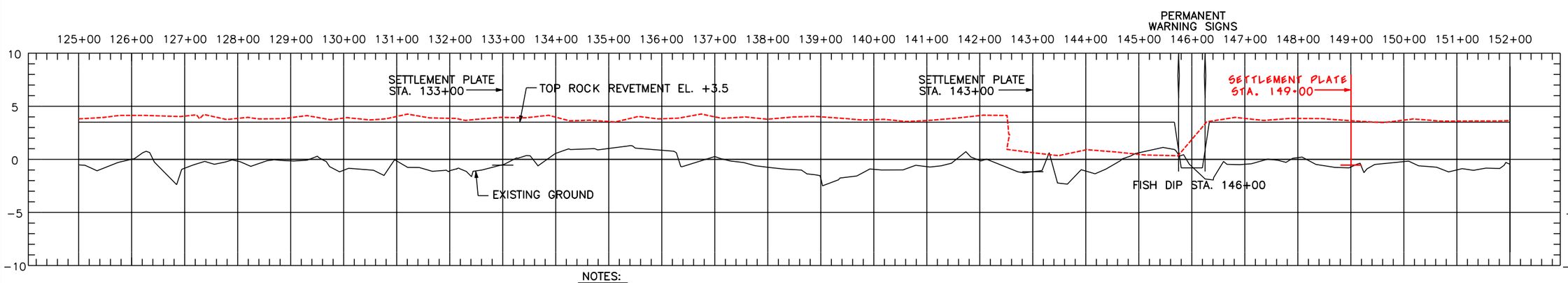
SHT. 8 OF 29

08. plan5.dgn 10/4/2006 3:37:32 PM

COORDINATES			
P.I. No.	STATION	NORTHING	EASTING
P.I. 64	~~126+96.86~~	~~416609.65~~	~~3668937.32~~
P.I. 65	~~129+52.32~~	~~416831.84~~	~~3668725.09~~
P.I. 66	~~132+19.22~~	~~417057.70~~	~~3668582.87~~
~~P.I. 67~~	~~133+28.13~~	~~417161.55~~	~~3668615.69~~
P.I. 68	~~136+23.08~~	~~417382.52~~	~~3668811.05~~
P.I. 69	~~141+73.73~~	~~417864.41~~	~~3669077.49~~
P.I. 70	~~144+65.24~~	~~418148.52~~	~~3669012.19~~
P.I. 71	~~147+43.02~~	~~418426.22~~	~~3669018.93~~
P.I. 72	~~149+44.93~~	~~418624.08~~	~~3668978.67~~

124+80	416689.32	3668937.40
127+36	416832.26	3668724.89
130+14	417089.37	3668830.45
132+45	417294.36	3668835.67
138+41	417856.00	3669136.95
141+47	418154.46	3669070.99
144+22	418429.20	3669052.78
146+37	418639.29	3669097.67





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DESIGNED M. ROBERTS
DETAILED C. SCURICH
CHECKED M. CHOPIN
DATE 1/04
SCALE AS SHOWN
SHEET NO. 9
BKI JOB NO. 10142

PLAN AND PROFILE
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILE NO.

DRAWING NO.
LA-352

SHT. 9 OF 29

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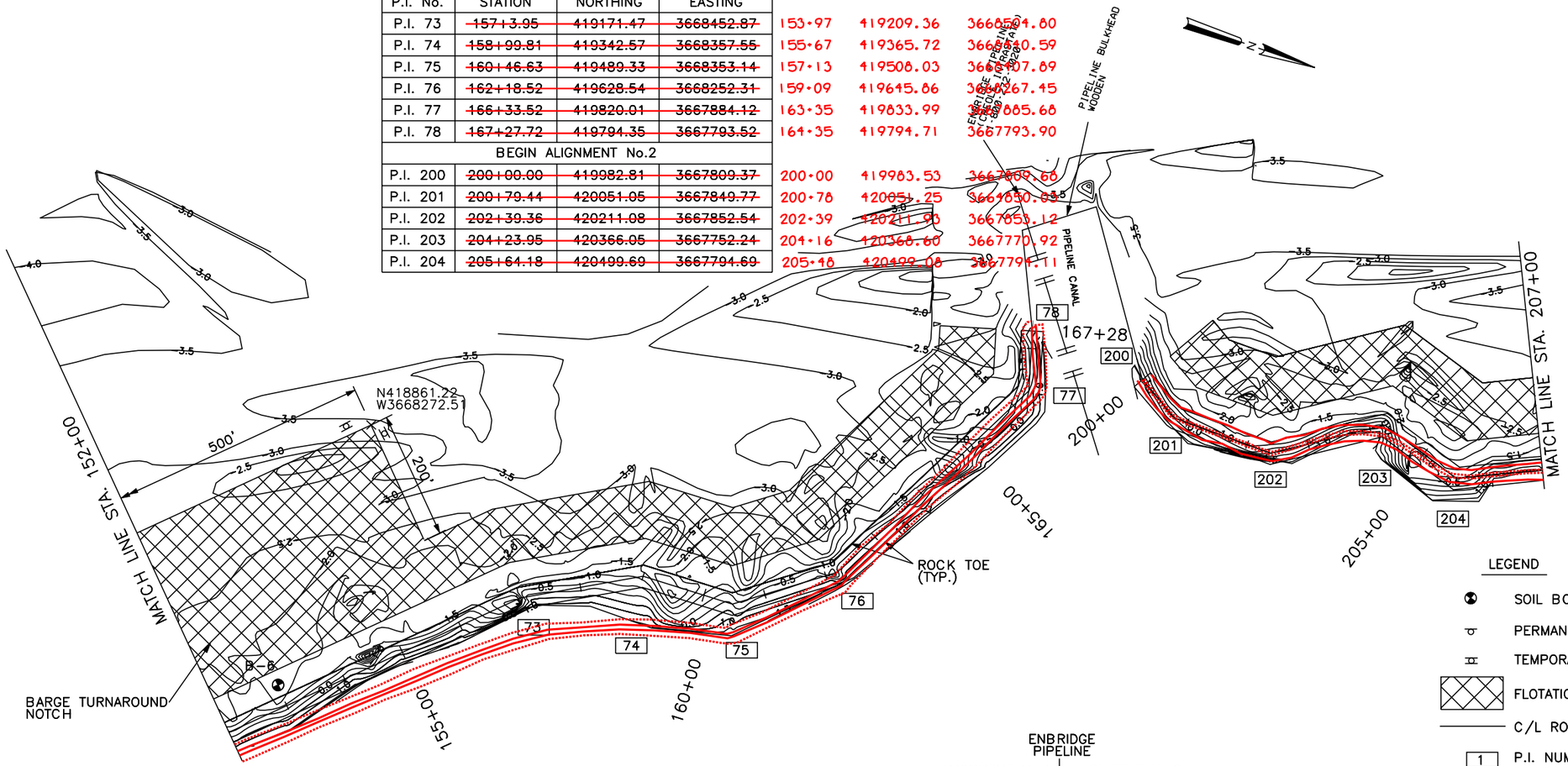
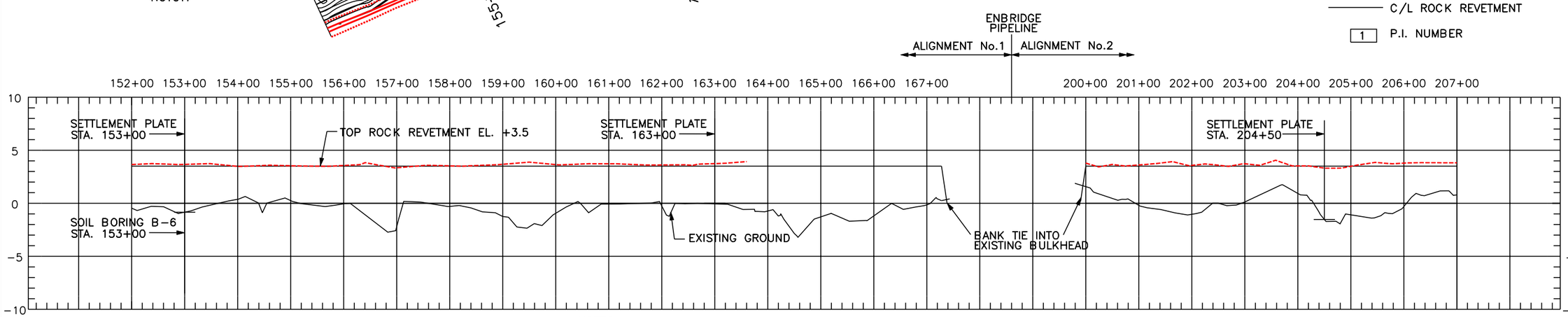
COORDINATES						
P.I. No.	STATION	NORTHING	EASTING			
P.I. 73	~~157+13.95~~	~~419171.47~~	~~3668452.87~~	153+97	419209.36	3668594.80
P.I. 74	~~158+99.81~~	~~419342.57~~	~~3668357.55~~	155+67	419365.72	3668490.59
P.I. 75	~~160+46.63~~	~~419489.33~~	~~3668353.14~~	157+13	419508.03	3668407.89
P.I. 76	~~162+18.52~~	~~419628.54~~	~~3668252.31~~	159+09	419645.86	3668267.45
P.I. 77	~~166+33.52~~	~~419820.01~~	~~3667884.12~~	163+35	419833.99	3667885.68
P.I. 78	~~167+27.72~~	~~419794.35~~	~~3667793.52~~	164+35	419794.71	3667793.90
BEGIN ALIGNMENT No.2						
P.I. 200	~~200+00.00~~	~~419982.81~~	~~3667809.37~~	200+00	419983.53	3667809.66
P.I. 201	~~200+79.44~~	~~420051.05~~	~~3667849.77~~	200+78	420051.25	3667850.05
P.I. 202	~~202+39.36~~	~~420211.08~~	~~3667852.54~~	202+39	420211.90	3667853.12
P.I. 203	~~204+23.95~~	~~420366.05~~	~~3667752.24~~	204+16	420368.60	3667770.92
P.I. 204	~~205+64.18~~	~~420499.69~~	~~3667794.69~~	205+48	420499.08	3667791.11



LEGEND

- SOIL BORING
- PERMANENT WARNING SIGN
- TEMPORARY WARNING SIGN
- FLOTATION ACCESS CHANNEL
- C/L ROCK REVETMENT
- P.I. NUMBER



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(504) 486-5901 FAX (504) 488-1714

DESIGNED M. ROBERTS | DETAILED C. SCURICH | DATE 1/04
CHECKED M. CHOPIN | BKI JOB NO. 10142 | SCALE AS SHOWN | SHEET NO. 10

PLAN AND PROFILE
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILE NO.

DRAWING NO. LA-352

SHT. 10 OF 29

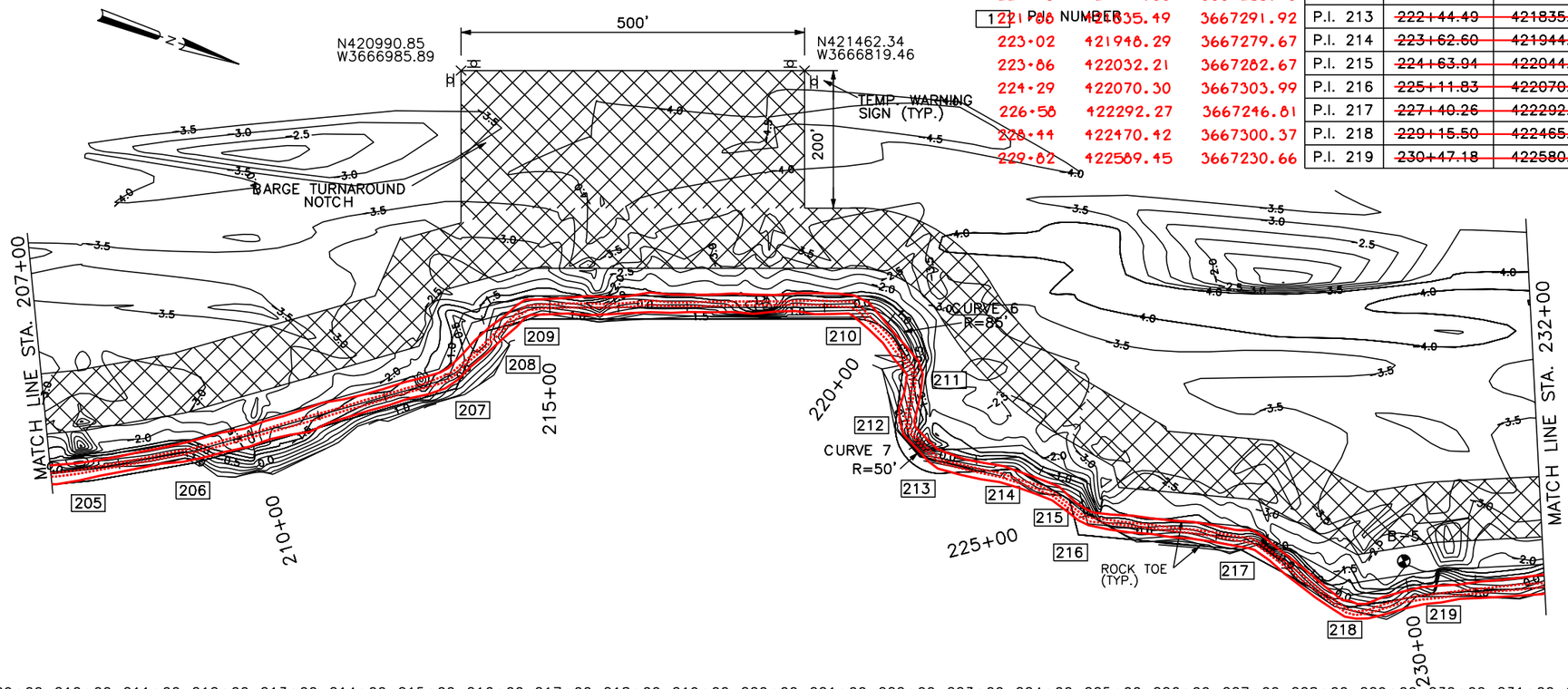
10. plan7.dgn 10/4/2006 3:40:12 PM

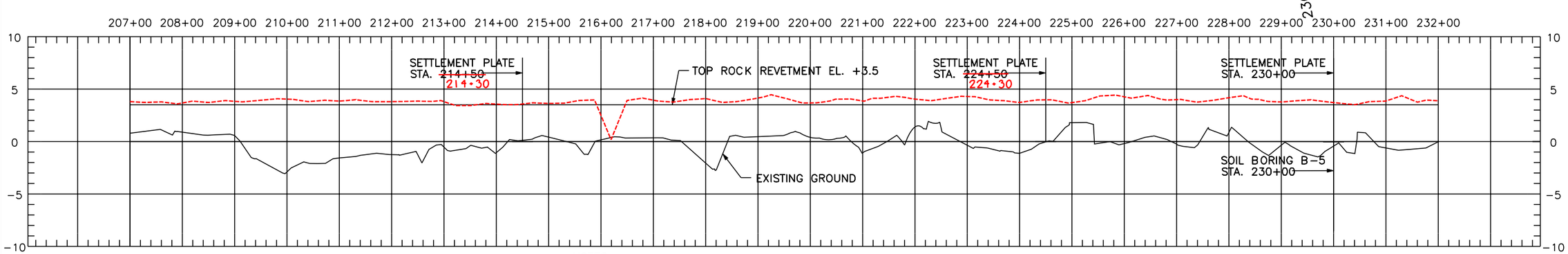
CURVE	PC STA.	PC		PT STA.	PT		L	T	△
		X	Y		X	Y			
6	219+49.40	3667118.52	421651.21	220+93.33	3667184.84	421759.92	143.93'	96.11'	97°01'16.5"
7	221+67.01	3667256.98	421774.88	222+44.49	3667291.92	421835.49	77.48'	48.95'	88°46'46.6"

LEGEND

- SOIL BORING
- PERMANENT WARNING SIGN
- TEMPORARY WARNING SIGN
- FLOTATION ACCESS CHANNEL
- C/L ROCK REVETMENT
- P.I. NUMBER

COORDINATES			
P.I. No.	STATION	NORTHING	EASTING
P.I. 205	~~207+58.05~~	~~420675.36~~	~~3667712.66~~
P.I. 206	~~209+10.65~~	~~420808.36~~	~~3667637.85~~
P.I. 207	~~212+94.87~~	~~421121.78~~	~~3667415.59~~
P.I. 208	~~213+83.67~~	~~421128.05~~	~~3667327.02~~
P.I. 209	~~214+68.22~~	~~421197.51~~	~~3667278.80~~
P.I. 210	~~219+49.40~~	~~421651.21~~	~~3667118.52~~
P.I. 211	~~220+93.33~~	~~421759.92~~	~~3667184.84~~
P.I. 212	~~221+67.01~~	~~421774.88~~	~~3667256.98~~
P.I. 213	~~222+44.49~~	~~421835.49~~	~~3667291.92~~
P.I. 214	~~223+62.60~~	~~421944.41~~	~~3667246.26~~
P.I. 215	~~224+63.94~~	~~422044.04~~	~~3667264.83~~
P.I. 216	~~225+11.83~~	~~422070.62~~	~~3667304.66~~
P.I. 217	~~227+40.26~~	~~422292.02~~	~~3667248.42~~
P.I. 218	~~229+15.50~~	~~422465.10~~	~~3667275.86~~
P.I. 219	~~230+47.18~~	~~422580.95~~	~~3667213.26~~





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"AS-BUILT"

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(504) 486-5901 FAX (504) 488-1714

DATE 1/04
SCALE AS SHOWN
SHEET NO. 11
DESIGNED M. ROBERTS
DETAILED C. SCURICH
CHECKED M. CHOPIN
BKI JOB NO. 10142

PLAN AND PROFILE
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

REVISIONS
NO. DATE APPR. TITLE

CAD FILE NO.
DRAWING NO. LA-352
SHT. 11 OF 29

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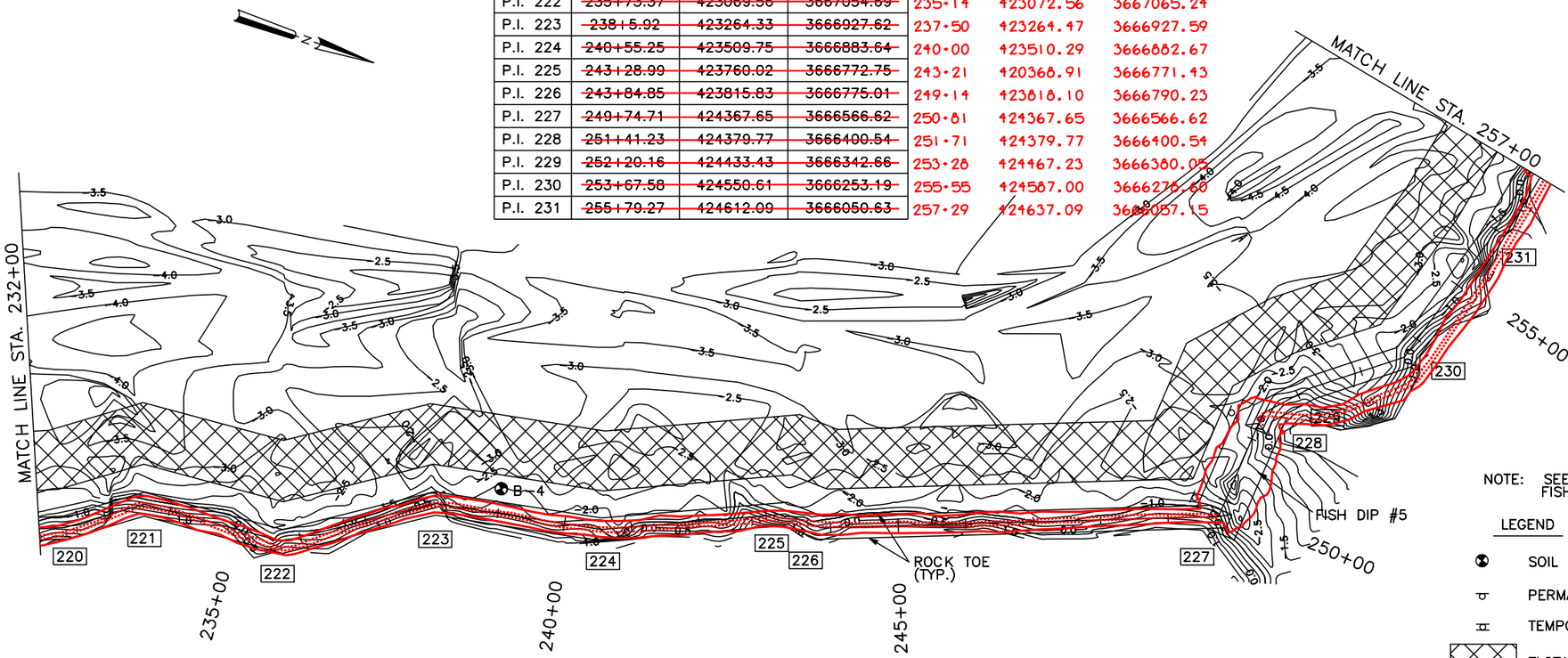
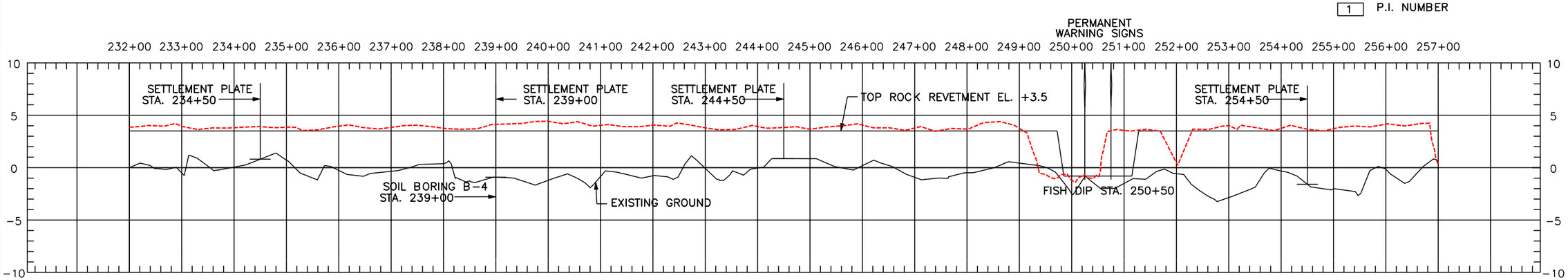
COORDINATES						
P.I. No.	STATION	NORTHING	EASTING			
P.I. 220	~~232+39.17~~	~~422758.49~~	~~3667140.17~~	231+75	422764.61	3667149.87
P.I. 221	~~233+60.68~~	~~422857.39~~	~~3667069.59~~	232+99	422857.61	3667068.59
P.I. 222	~~235+73.37~~	~~423069.56~~	~~3667054.69~~	235+14	423072.56	3667065.24
P.I. 223	~~238+5.92~~	~~423264.33~~	~~3666927.62~~	237+50	423264.47	3666927.59
P.I. 224	~~240+55.25~~	~~423509.75~~	~~3666883.64~~	240+00	423510.29	3666882.67
P.I. 225	~~243+28.99~~	~~423760.02~~	~~3666772.75~~	243+21	420368.91	3666771.43
P.I. 226	~~243+84.85~~	~~423815.83~~	~~3666775.01~~	249+14	423818.10	3666790.23
P.I. 227	~~249+74.71~~	~~424367.65~~	~~3666566.62~~	250+81	424367.65	3666566.62
P.I. 228	~~251+41.23~~	~~424379.77~~	~~3666400.54~~	251+71	424379.77	3666400.54
P.I. 229	~~252+20.16~~	~~424433.43~~	~~3666342.66~~	253+28	424467.23	3666380.05
P.I. 230	~~253+67.58~~	~~424550.61~~	~~3666253.19~~	255+55	424587.00	3666276.60
P.I. 231	~~255+79.27~~	~~424612.09~~	~~3666050.63~~	257+29	424637.09	3666057.15



NOTE: SEE DWG. 26 OF 29 FISH DIP DETIALS

LEGEND

- SOIL BORING
- PERMANENT WARNING SIGN
- TEMPORARY WARNING SIGN
- FLOTATION ACCESS CHANNEL
- C/L ROCK REVETMENT
- 1 P.I. NUMBER



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DESIGNED M. ROBERTS
CHECKED M. CHOPIN
DETAILED C. SCURICH
BKI JOB NO. 10142
DATE 1/04
SCALE AS SHOWN
SHEET NO. 12

PLAN AND PROFILE
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

NO.	DATE	APPR.	TITLE
REVISIONS			

CAD FILE NO.

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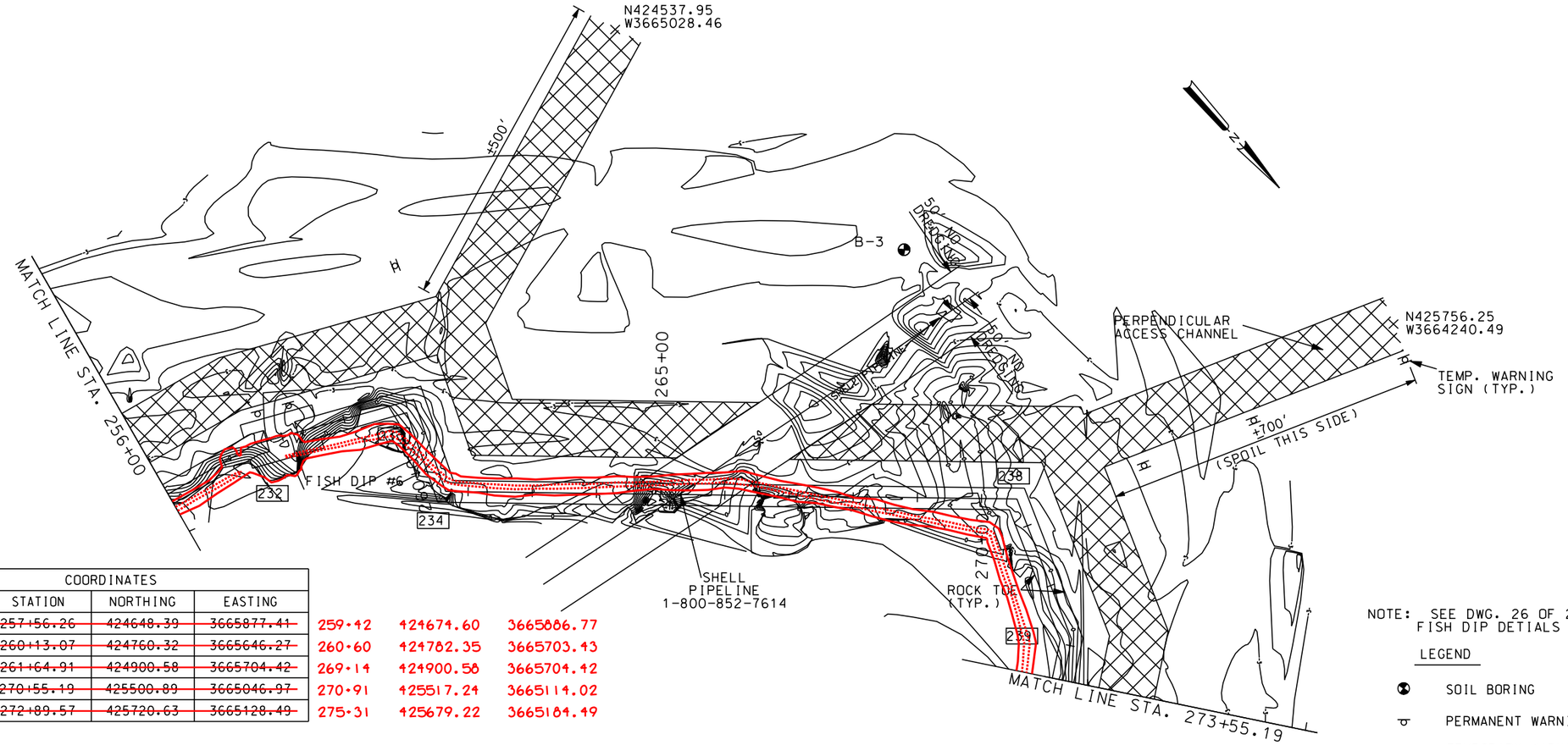
LA-352

SHT. 12 OF 29

12. plan9.dgn 10/4/2006 3:43:09 PM



COORDINATES						
P.I. No.	STATION	NORTHING	EASTING			
P.I. 232	~~257+56.26~~	~~424648.39~~	~~3665877.41~~	259+42	424674.60	3665886.77
P.I. 233	~~260+13.07~~	~~424760.32~~	~~3665646.27~~	260+60	424782.35	3665703.43
P.I. 234	~~261+64.91~~	~~424900.58~~	~~3665704.42~~	269+14	424900.58	3665704.42
P.I. 238	~~270+55.19~~	~~425500.89~~	~~3665046.97~~	270+91	425517.24	3665114.02
P.I. 239	~~272+89.57~~	~~425720.63~~	~~3665128.49~~	275+31	425679.22	3665184.49

NOTE: SEE DWG. 26 OF 29 FISH DIP DETIALS

LEGEND

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- PERMANENT WARNING SIGN
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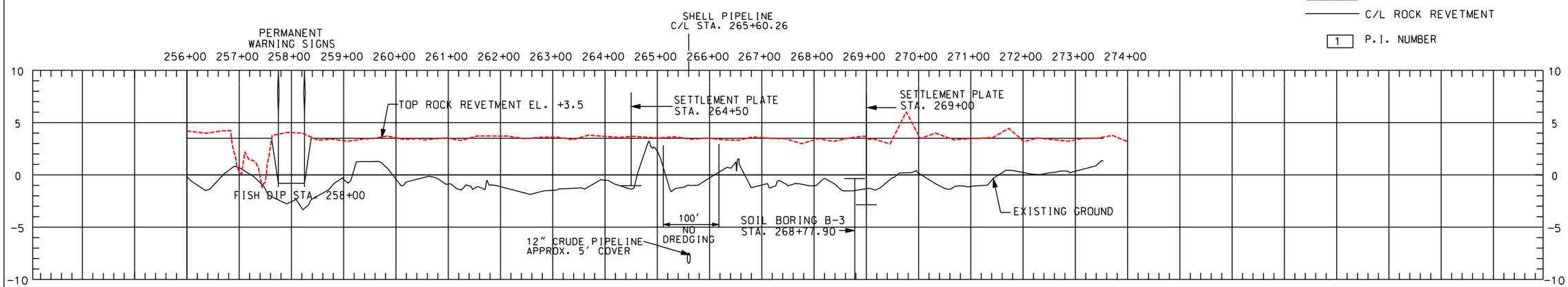

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(504) 486-5901 FAX (504) 488-1714

DESIGNED M. ROBERTS	DETAILED C. SCURICH	DATE 1/04	
CHECKED M. CHOPIN	BKI JOB NO. 10142	SCALE AS SHOWN	SHEET NO. 13

PLAN AND PROFILE
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILE NO.

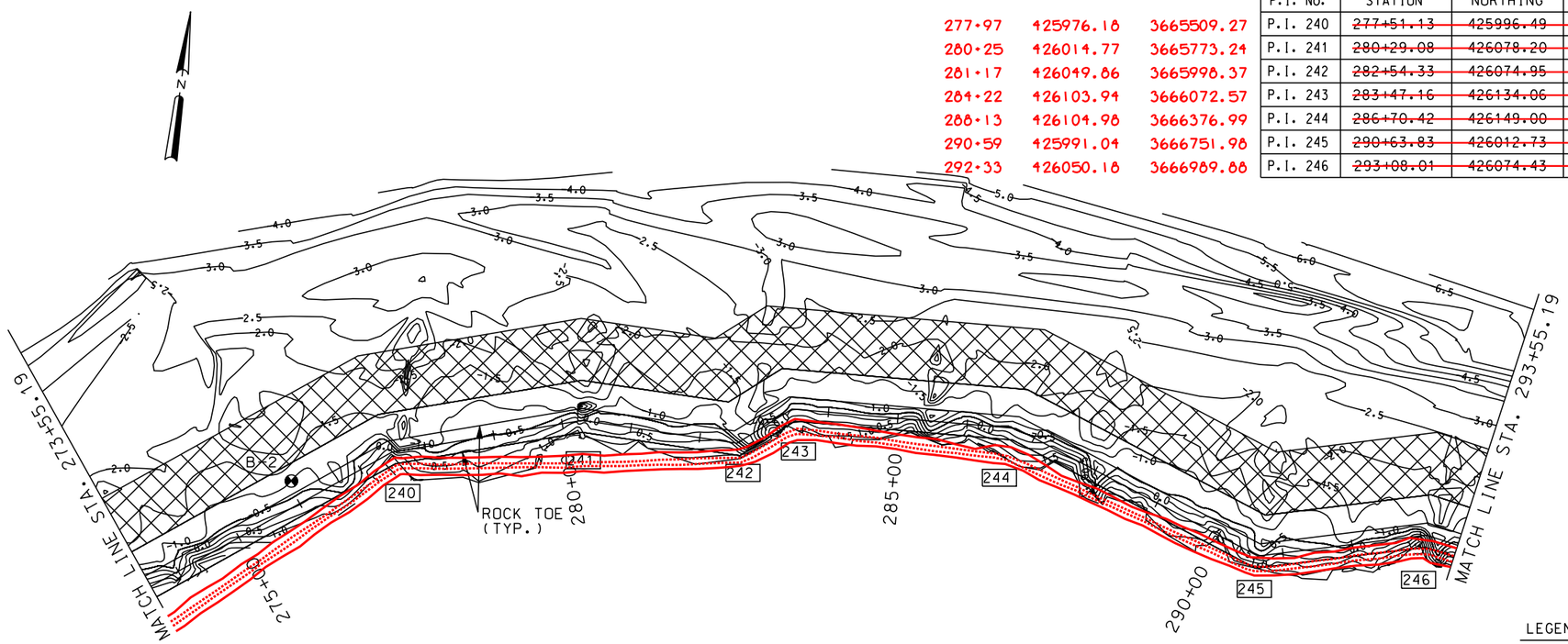
DRAWING NO.
LA-352

SHT. 13 OF 29

13. plan10.dgn 10/4/2006 3:44:33 PM

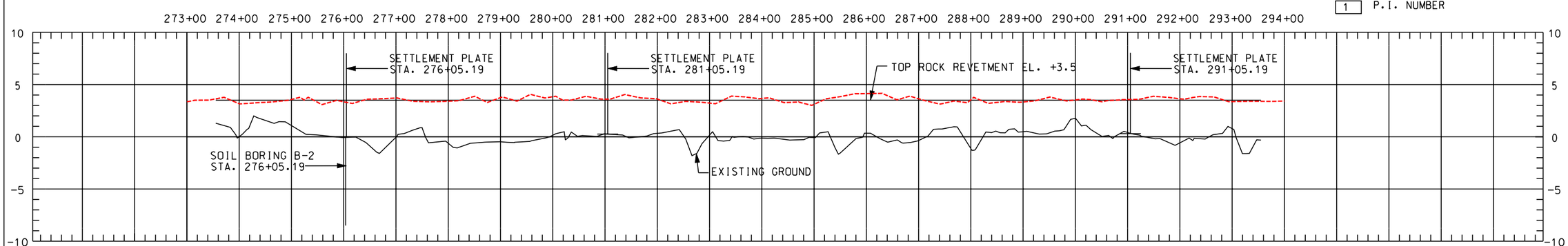
COORDINATES		
277+97	425976.18	3665509.27
280+25	426014.77	3665773.24
281+17	426049.86	3665998.37
284+22	426103.94	3666072.57
288+13	426104.98	3666376.99
290+59	425991.04	3666751.98
292+33	426050.18	3666989.88

COORDINATES			
P.I. No.	STATION	NORTHING	EASTING
P.I. 240	~~277+51.13~~	~~425996.49~~	~~3665498.56~~
P.I. 241	~~280+29.08~~	~~426078.20~~	~~3665764.22~~
P.I. 242	~~282+54.33~~	~~426074.95~~	~~3665989.44~~
P.I. 243	~~283+47.16~~	~~426134.06~~	~~3666061.04~~
P.I. 244	~~286+70.42~~	~~426149.00~~	~~3666383.94~~
P.I. 245	~~290+63.83~~	~~426012.73~~	~~3666753.00~~
P.I. 246	~~293+08.01~~	~~426074.43~~	~~3666989.26~~



LEGEND

- SOIL BORING
- PERMANENT WARNING SIGN
- TEMPORARY WARNING SIGN
- FLOTATION ACCESS CHANNEL
- C/L ROCK REVETMENT
- 1 P.I. NUMBER



NOTICE:
48 HOURS BEFORE DIGGING
CALL 1-800-272-3020
TO LOCATE UTILITY LINES

NOTES:

1. P.I. COORDINATE LOCATIONS STAKED IN THE FIELD BY THE COTR MAY VARY SLIGHTLY FROM COORDINATES LISTED ABOVE DUE TO SHORELINE RECESSION.

2. FINAL SETTLEMENT PLATE LOCATION WILL BE STAKED IN THE FIELD BY COTR.

"AS-BUILT"

200' 0 200' 400'
HORIZONTAL SCALE IN FEET

10' 5' 0 5' 10' 15' 20'
VERTICAL SCALE IN FEET

BURK-KLEINPETER, INC.
ENGINEERS, ARCHITECTS, PLANNERS, ENVIRONMENTAL SCIENTISTS
4176 CANAL STREET, NEW ORLEANS, LOUISIANA 70119-5994
(504) 486-5901 FAX (504) 488-1714

DESIGNED M. ROBERTS
CHECKED M. CHOPIN
DETAILED C. SCURICH
BKI JOB NO. 10142
DATE 1/04
SCALE AS SHOWN
SHEET NO. 14

PLAN AND PROFILE
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILE NO.

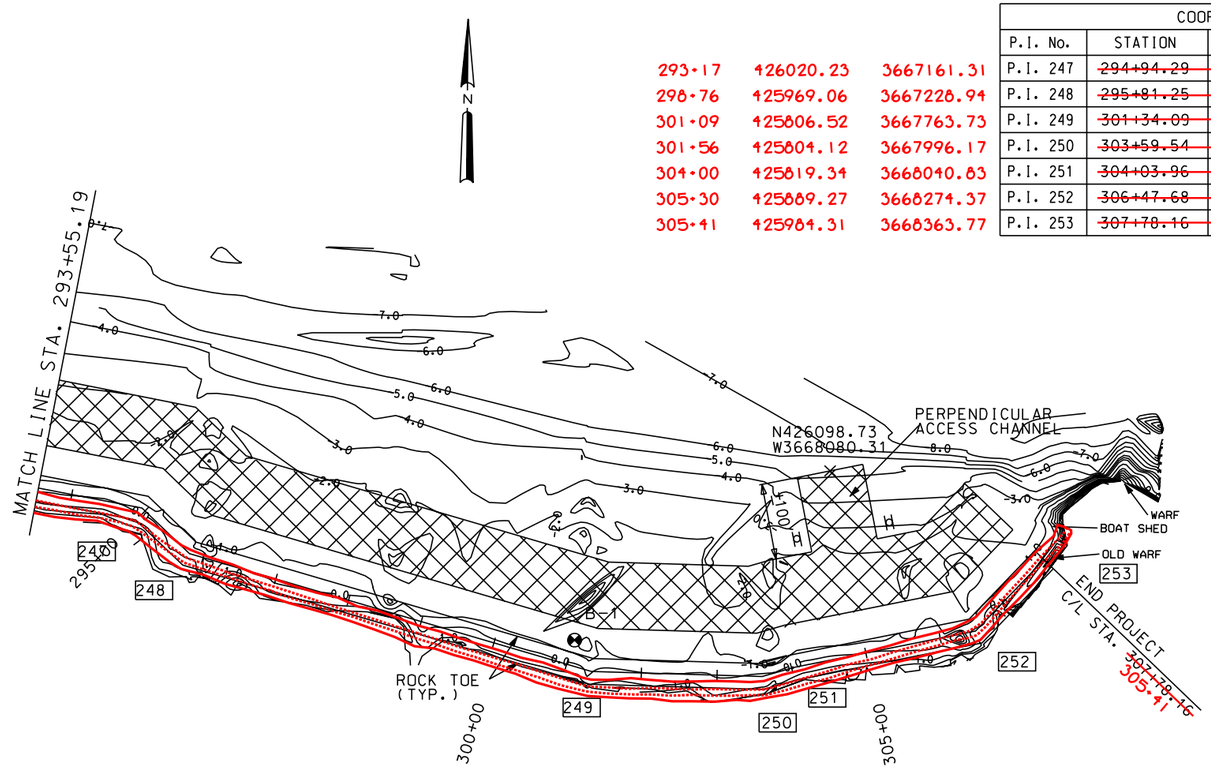
DRAWING NO. LA-352

SHT. 14 OF 29

COORDINATES		
293+17	426020.23	3667161.31
298+76	425969.06	3667228.94
301+09	425806.52	3667763.73
301+56	425804.12	3667996.17
304+00	425819.34	3668040.83
305+30	425889.27	3668274.37
305+41	425984.31	3668363.77

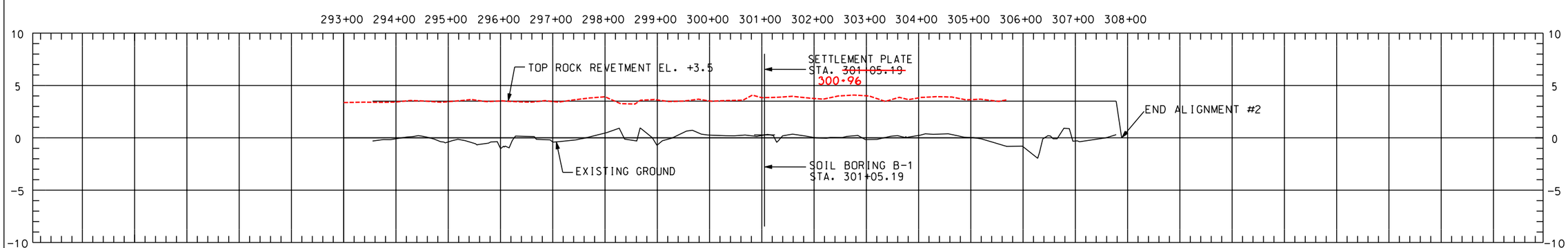
COORDINATES			
P.I. No.	STATION	NORTHING	EASTING
P.I. 247	~~294+94.29~~	~~426040.99~~	~~3667172.52~~
P.I. 248	~~295+81.25~~	~~425981.39~~	~~3667235.83~~
P.I. 249	~~301+34.09~~	~~425831.07~~	~~3667767.84~~
P.I. 250	~~303+59.54~~	~~425826.60~~	~~3667993.25~~
P.I. 251	~~304+03.96~~	~~425839.14~~	~~3668035.86~~
P.I. 252	~~306+47.68~~	~~425889.27~~	~~3668274.37~~
P.I. 253	~~307+78.16~~	~~425984.31~~	~~3668363.77~~

NOTE: ACCESS TO BOAT SHED AND OLD WHARF SHALL BE MAINTAINED DURING CONSTRUCTION FOR USE BY CAMP OWNER.



LEGEND

- SOIL BORING
- PERMANENT WARNING SIGN
- TEMPORARY WARNING SIGN
- FLOTATION ACCESS CHANNEL
- C/L ROCK REVETMENT
- P.I. NUMBER



NOTICE:
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TO LOCATE UTILITY LINES

NOTES:

1. P.I. COORDINATE LOCATIONS STAKED IN THE FIELD BY THE COTR MAY VARY SLIGHTLY FROM COORDINATES LISTED ABOVE DUE TO SHORELINE RECESSION.

2. FINAL SETTLEMENT PLATE LOCATION WILL BE STAKED IN THE FIELD BY COTR.

"AS-BUILT"

200′ 0 200′ 400′
HORIZONTAL SCALE IN FEET

10′ 5′ 0 5′ 10′ 15′ 20′
VERTICAL SCALE IN FEET

BURK-KLEINPETER, INC.
ENGINEERS, ARCHITECTS, PLANNERS, ENVIRONMENTAL SCIENTISTS
4176 CANAL STREET, NEW ORLEANS, LOUISIANA 70119-5994
(504) 486-5901 FAX (504) 488-1714

DESIGNED M. ROBERTS
CHECKED M. CHOPIN
DETAILED C. SCURICH
BKI JOB NO. 10142
DATE 1/04
SCALE AS SHOWN
SHEET NO. 15

PLAN AND PROFILE
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU6
JEFFERSON PARISH, LA.

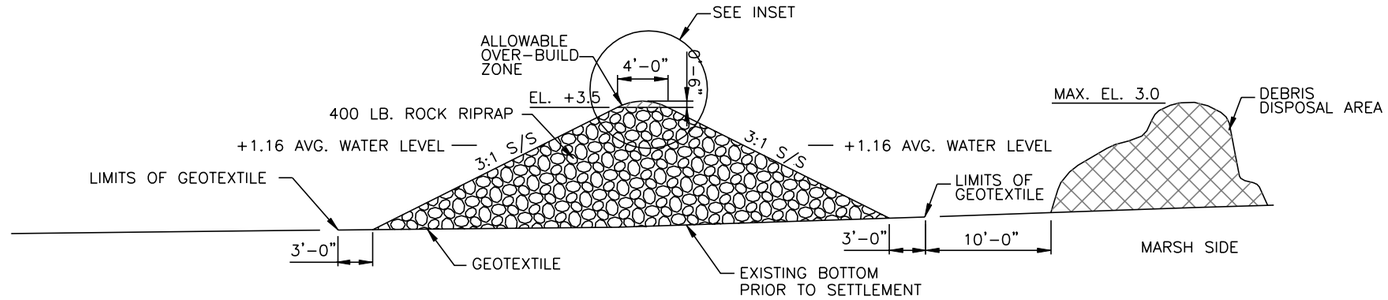
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILE NO.

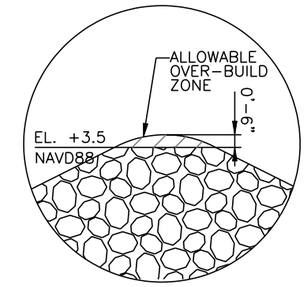
DRAWING NO. LA-352

SHT. 15 OF 29

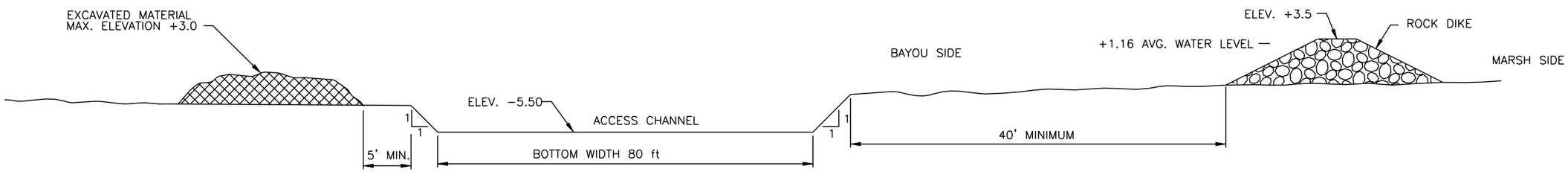


TYPICAL SECTION – ROCK DIKE

ELEVATION VIEW

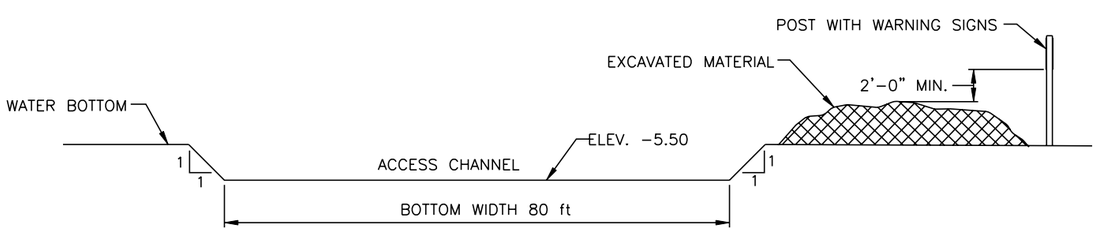


INSET – ROUNDED TOP SECTION OF ROCK



TYPICAL SECTION – PARALLEL ACCESS CHANNEL

(NOT TO SCALE)



TYPICAL SECTION
PERPENDICULAR FLOTATION ACCESS CHANNEL

(NOT TO SCALE)

NOTES:

1. MATERIAL DREDGED FROM THE ACCESS CHANNEL SHALL BE PLACED ON THE BAYOU SIDE OF THE ACCESS CHANNEL CARE SHALL BE TAKEN NOT TO DISTURB THE EXISTING MARSH VEGETATION. CHANNEL SPOIL SHALL BE PULLED BACK INTO THE CHANNEL ONCE CONSTRUCTION HAS BEEN COMPLETED.

2. WHEN EXCAVATED MATERIAL IS PLACED ON THE WATER SIDE, TEMPORARY WARNING SIGNS SHALL BE PLACED & MAINTAINED UNTIL THE NAVIGATION HAZARD IS REMOVED. THE ACCESS CHANNEL SHALL BE BACK-FILLED WITH THE EXCAVATED MATERIAL.

"AS-BUILT"

BURK-KLEINPETER, INC.
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4176 CANAL STREET, NEW ORLEANS, LOUISIANA 70119-5994
(504) 486-5901 FAX (504) 488-1714

DESIGNED M. ROBERTS	DETAILED C. SCURICH	DATE 1/04	
CHECKED M. CHOPIN	BKI JOB NO. 10142	SCALE AS SHOWN	SHEET NO. 16

TYPICAL SECTIONS
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU 6
JEFFERSON PARISH, LA.

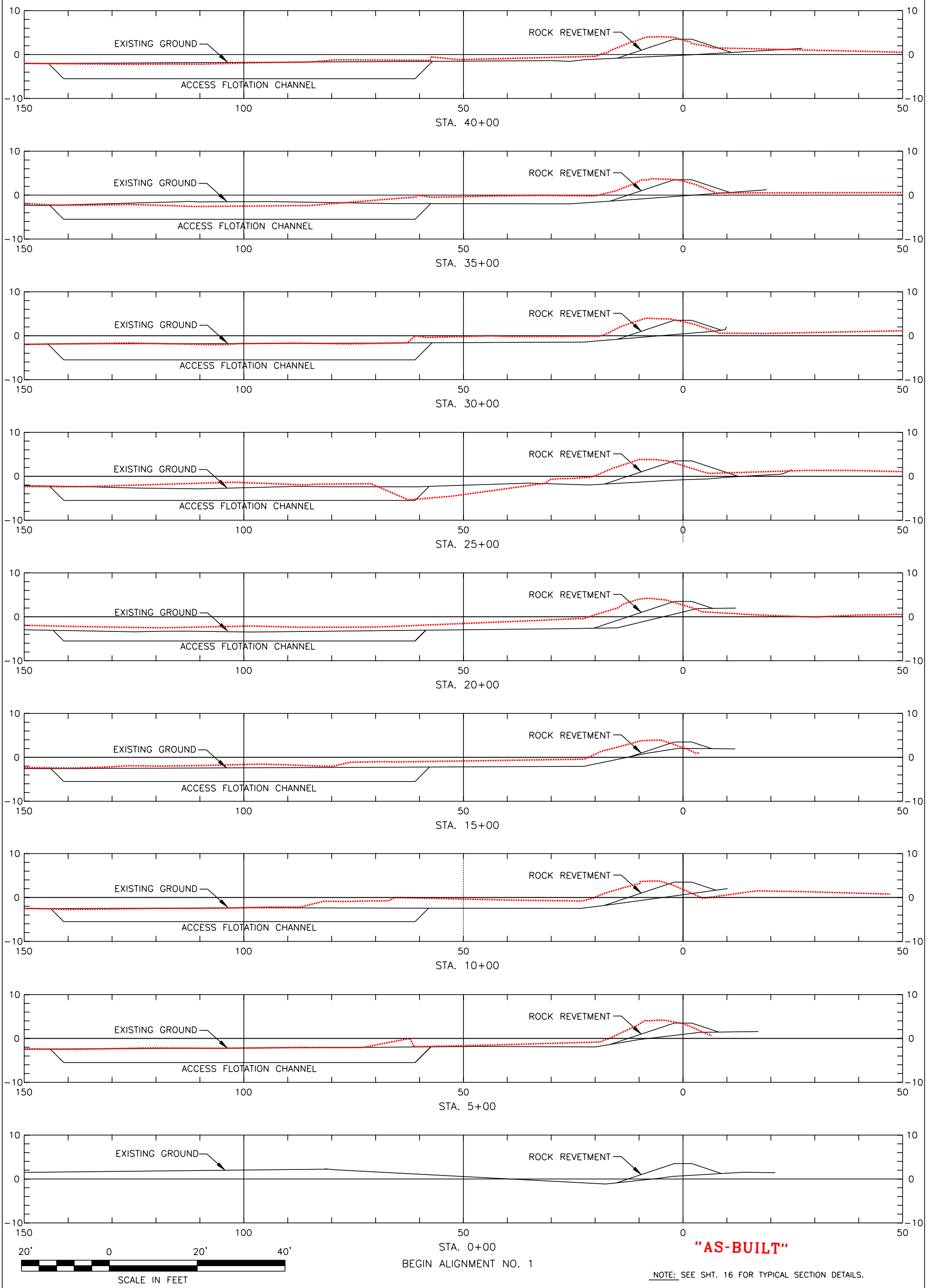
U.S. DEPARTMENT OF AGRICULTURE – NATURAL RESOURCES CONSERVATION SERVICE

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILE NO.

DRAWING NO.
LA-352

SHEET NO 16 OF 29



"AS-BUILT"

NOTE: SEE SHT. 16 FOR TYPICAL SECTION DETAILS.

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILE NO.

DRAWING NO. LA-352

Sht. 17 of 29

CROSS SECTIONS
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

BURK-KLEINPETER, INC.
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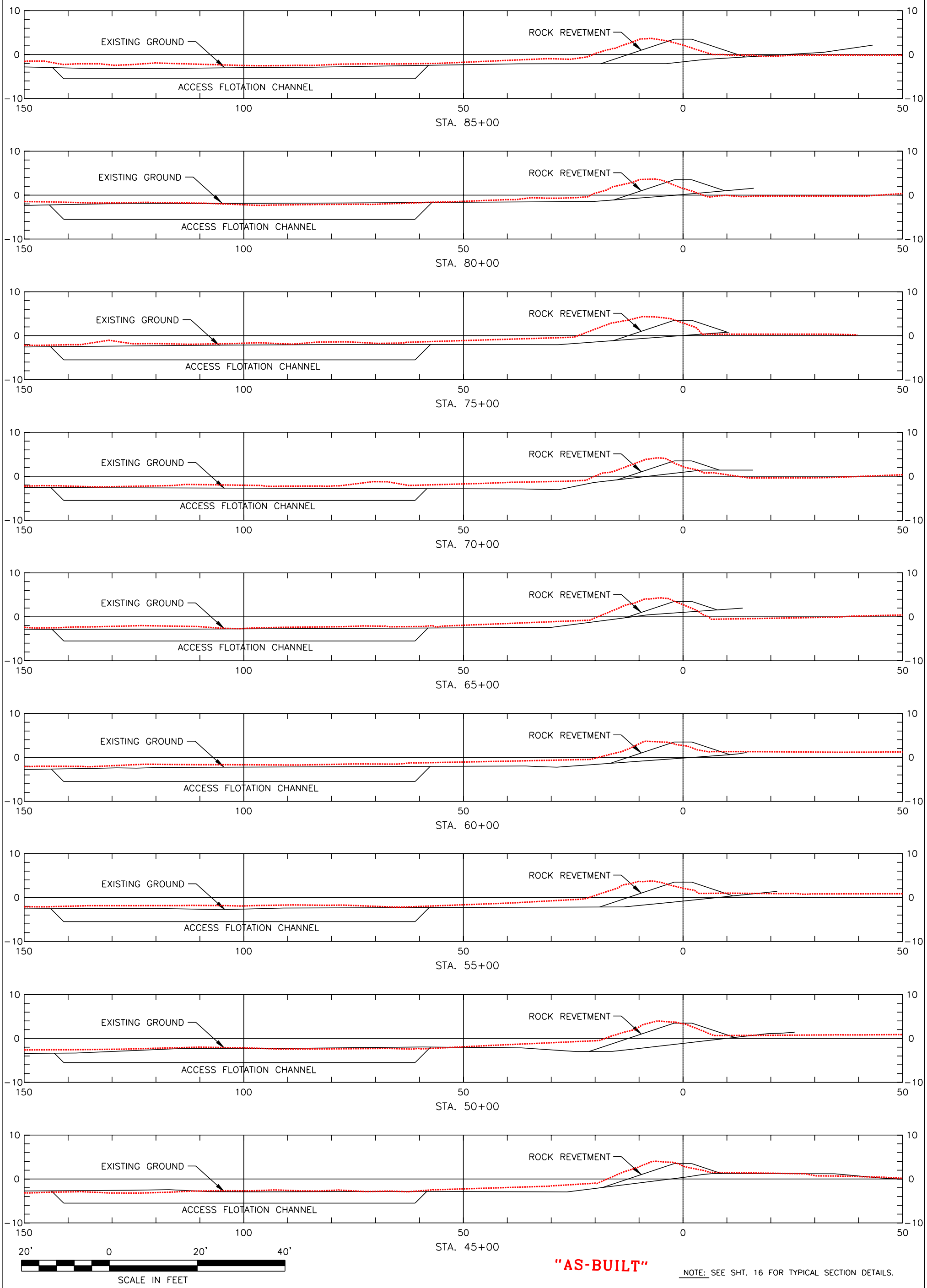
(504) 486-5901 FAX (504) 488-1714

DESIGNED	M. ROBERTS	DETAILED	C. SCURICH	DATE	1/04
CHECKED	M. CHOPIN			SCALE	AS SHOWN
		BKI JOB NO.	10142	SHEET NO.	17

17. XSEC1.dgn 10/5/2006 7:38:37 AM



"AS-BUILT"

NOTE: SEE SHT. 16 FOR TYPICAL SECTION DETAILS.

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILE NO.

DRAWING NO. LA-352

Sht. 18 of 29

CROSS SECTIONS
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

BURK-KLEINPETER, INC.
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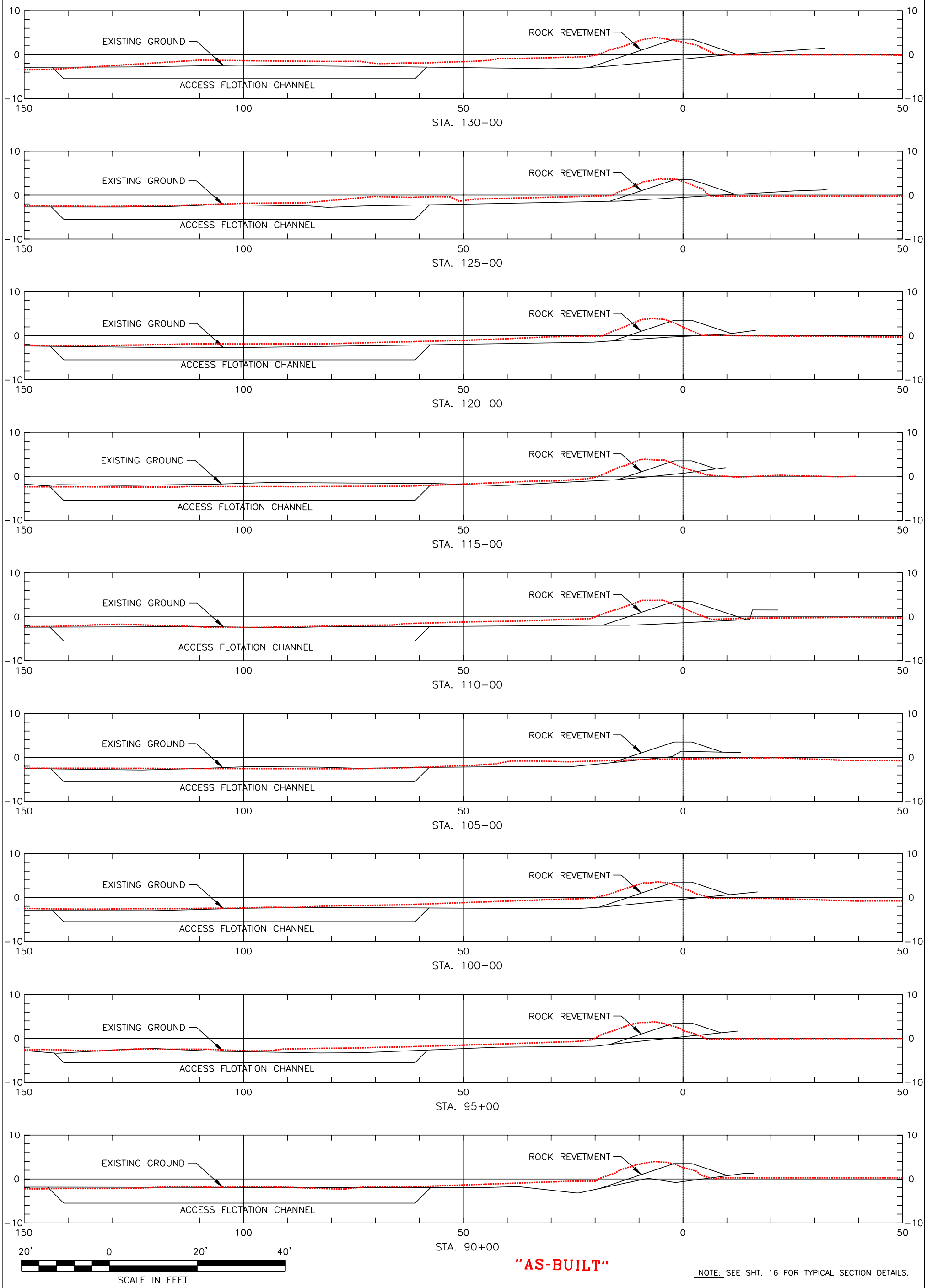
4176 CANAL STREET, NEW ORLEANS, LOUISIANA 70119-5994
(504) 486-5901 FAX (504) 488-1714

DESIGNED	M. ROBERTS	DETAILED	C. SCURICH	DATE	1/04
CHECKED	M. CHOPIN			SCALE	AS SHOWN
		BKI JOB NO.	10142	SHEET NO.	18



"AS-BUILT"

NOTE: SEE SHT. 16 FOR TYPICAL SECTION DETAILS.

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILE NO.

DRAWING NO. LA-352

Sht. 19 of 29

CROSS SECTIONS
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

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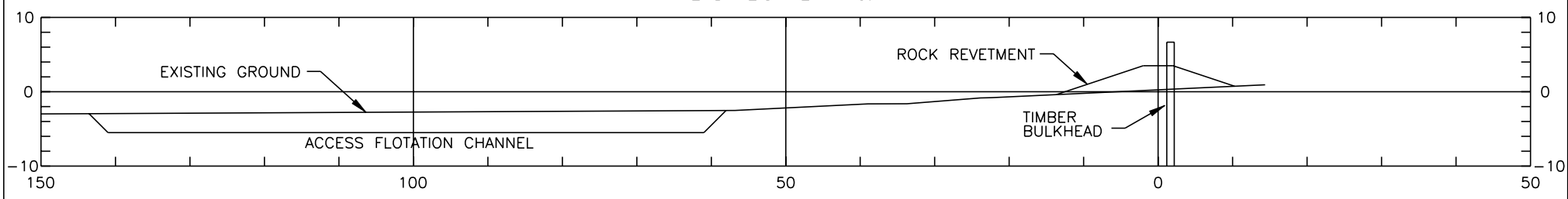
(504) 486-5901 FAX (504) 488-1714

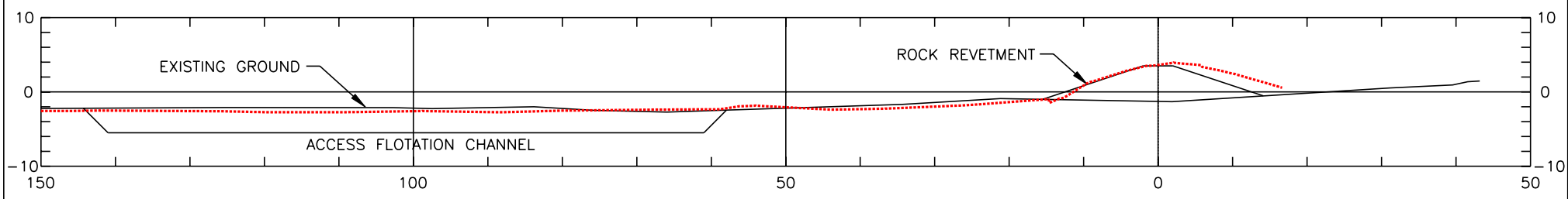
DESIGNED	M. ROBERTS	DETAILED	C. SCURICH	DATE	1/04
CHECKED	M. CHOPIN			SCALE	AS SHOWN
		BKI JOB NO.	10142	SHEET NO.	19

19. XSEC3.dgn 10/5/2006 7:43:10 AM

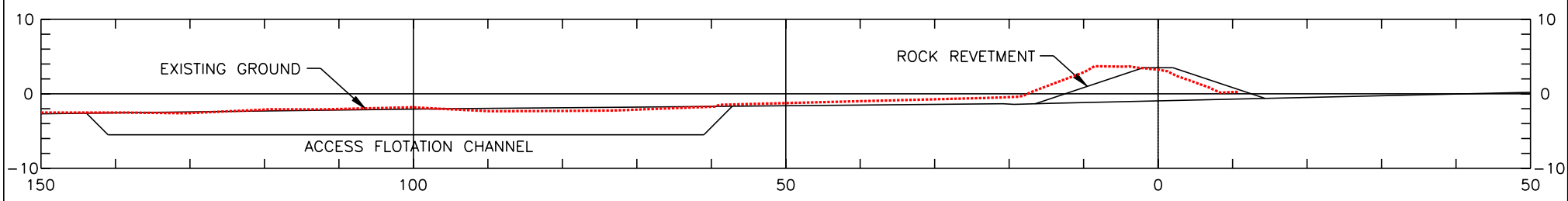
END ALIGNMENT No.1



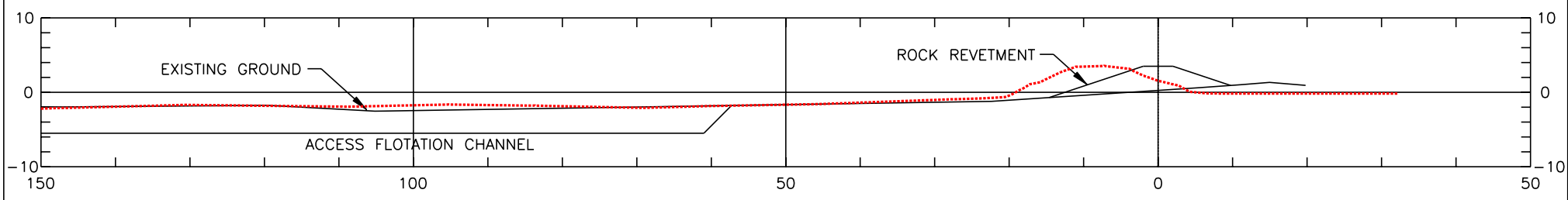
STA. 167+27.69



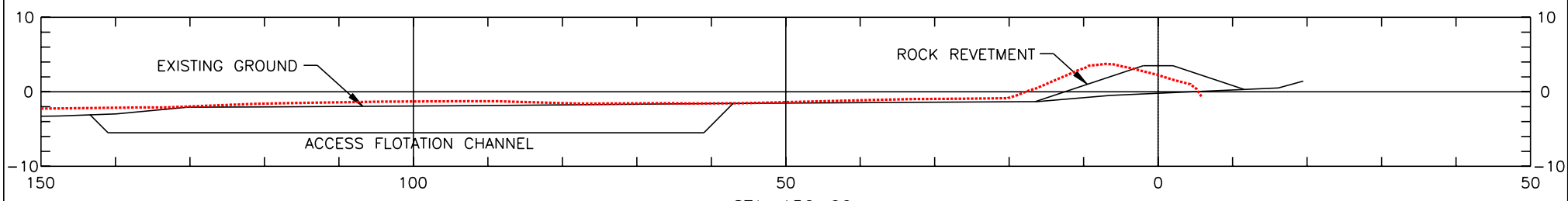
STA. ~~165+00~~ 163+60



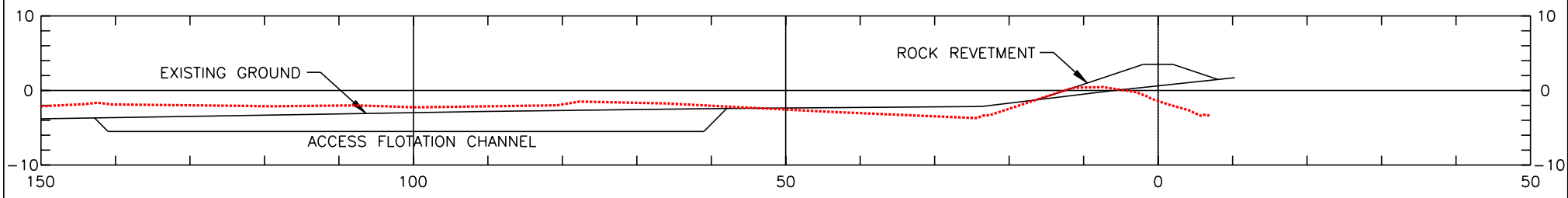
STA. 160+00



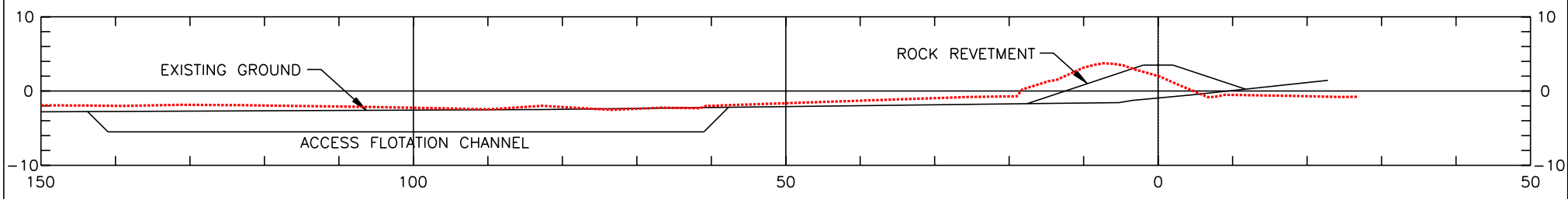
STA. 155+00



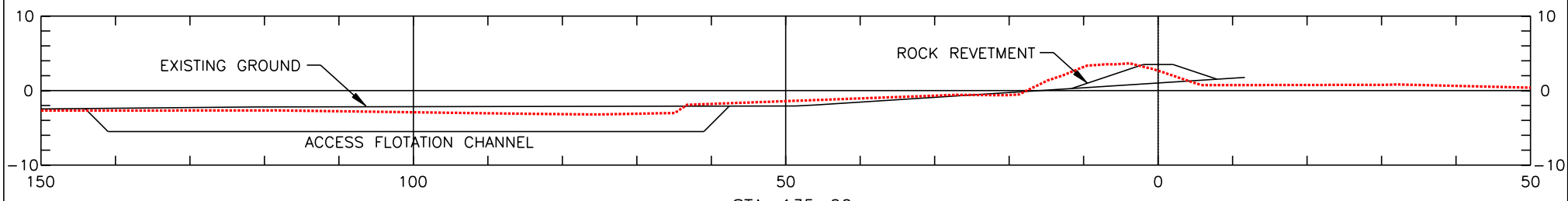
STA. 150+00



STA. 145+00



STA. 140+00



STA. 135+00

20' 0 20' 40'

SCALE IN FEET

"AS-BUILT"

NOTE: SEE SHT. 16 FOR TYPICAL SECTION DETAILS.

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILE NO.

DRAWING NO. LA-352

Sht. 20 of 29

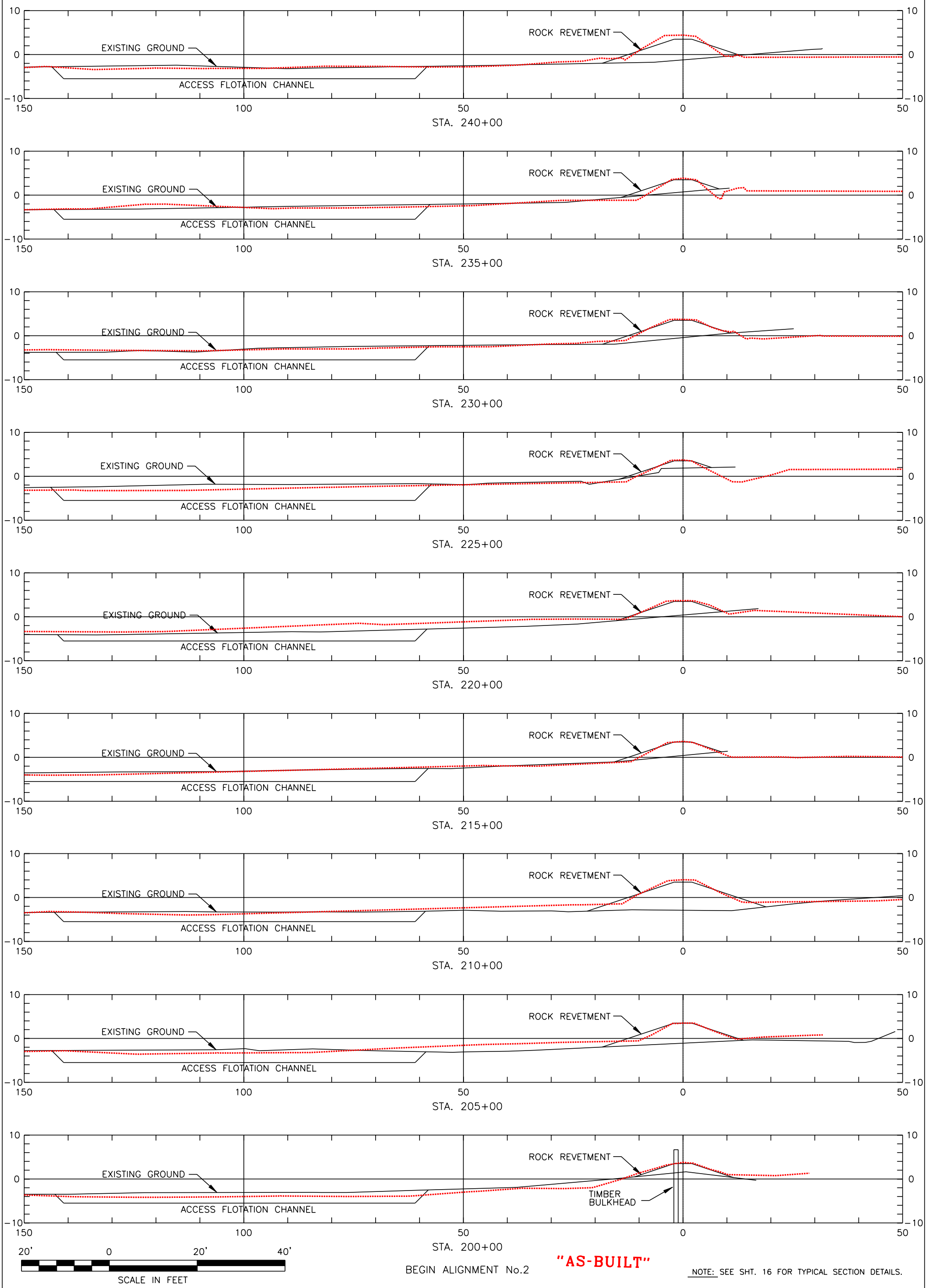
CROSS SECTIONS
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

BURK-KLEINPETER, INC.
ENGINEERS, ARCHITECTS, PLANNERS, ENVIRONMENTAL SCIENTISTS
4176 CANAL STREET, NEW ORLEANS, LOUISIANA 70119-5994
(504) 486-5901 FAX (504) 488-1714

DESIGNED	M. ROBERTS	DETAILED	C. SCURICH	DATE	1/04
CHECKED	M. CHOPIN			SCALE	AS SHOWN
		BKI JOB NO.	10142	SHEET NO.	20

20. XSEC4.dgn 10/5/2006 7:45:27 AM



BEGIN ALIGNMENT No.2

"AS-BUILT"

NOTE: SEE SHT. 16 FOR TYPICAL SECTION DETAILS.

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILE NO.

DRAWING NO. LA-352

Sht. 21 of 29

CROSS SECTIONS
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

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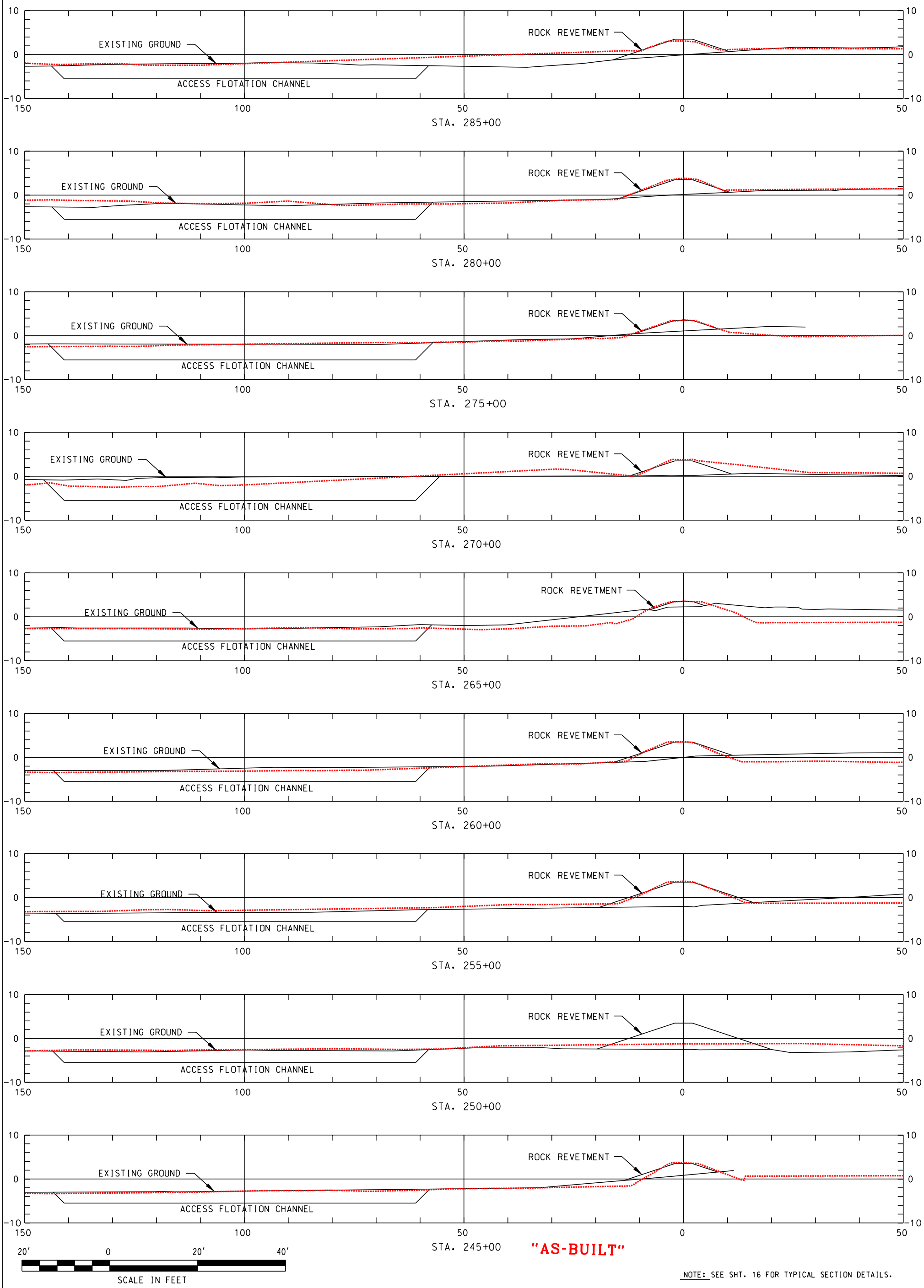
(504) 486-5901 FAX (504) 488-1714

DESIGNED	M. ROBERTS	DETAILED	C. SCURICH	DATE	1/04
CHECKED	M. CHOPIN			SCALE	AS SHOWN
		BKI JOB NO.	10142	SHEET NO.	21

21. XSEC5.dgn 10/5/2006 7:47:35 AM



NOTE: SEE SHT. 16 FOR TYPICAL SECTION DETAILS.

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILE NO.

DRAWING NO. LA-352

Sht. 22 of 29

CROSS SECTIONS
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

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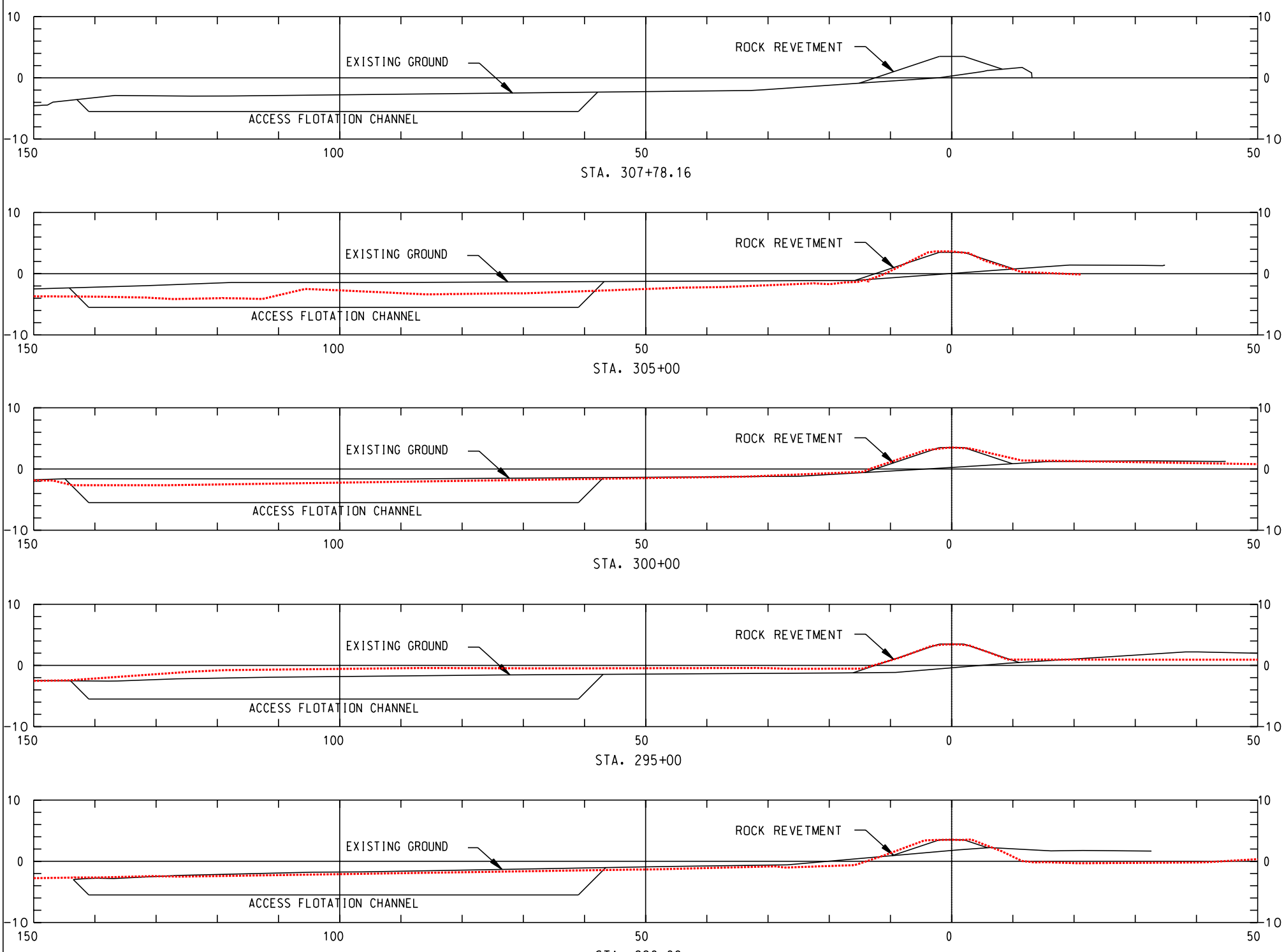
(504) 486-5901 FAX (504) 488-1714

DESIGNED	M. ROBERTS	DETAILED	C. SCURICH	DATE	1/04
CHECKED	M. CHOPIN			SCALE	AS SHOWN
		BKI JOB NO.	10142	SHEET NO.	22

22. XSEC6.dgn 10/5/2006 7:49:25 AM

END PROJECT



20' 0 20' 40'

SCALE IN FEET

"AS-BUILT"

NOTE: SEE SHT. 16 FOR TYPICAL SECTION DETAILS.

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILE NO.

DRAWING NO. LA-352

Sht. 23 of 29

CROSS SECTIONS
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

BURK-KLEINPETER, INC.
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4176 CANAL STREET, NEW ORLEANS, LOUISIANA 70119-5994
(504) 486-5901 FAX (504) 488-1714

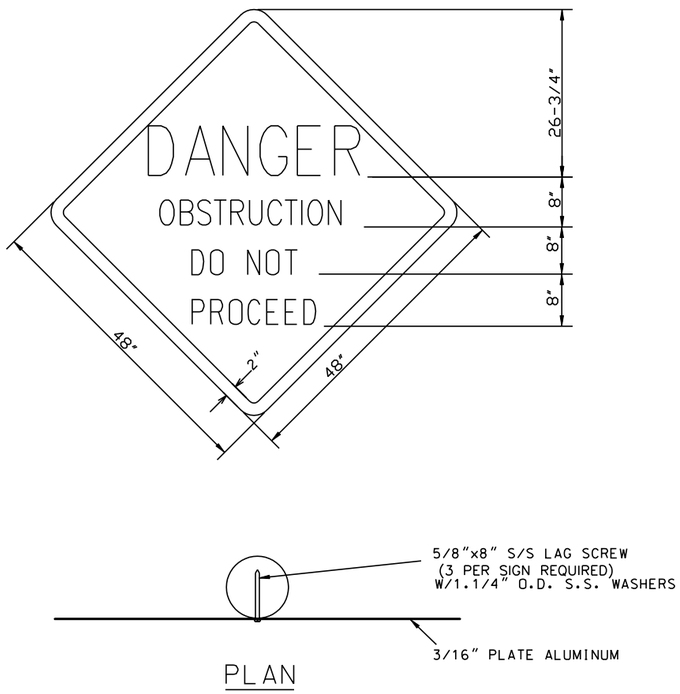
DESIGNED	M. ROBERTS	DETAILED	C. SCURICH	DATE	1/04
CHECKED	M. CHOPIN			SCALE	AS SHOWN
		BKI JOB NO.	10142	SHEET NO.	23

PERMANENT SIGN NOTES:

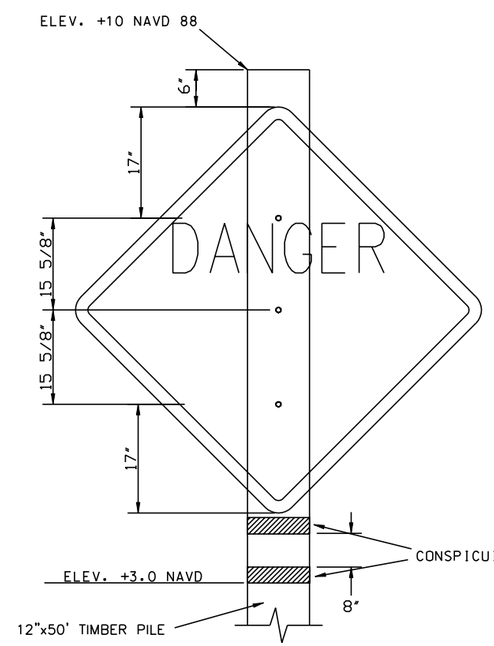
1. THE 2" BORDER ON THE TYPE "A" WARNING SIGN SHALL BE A REFLECTIVE MATERIAL OF ORANGE COLOR. THE LETTERING FIELD SHALL BE A RETRO-REFLECTIVE MATERIAL OF WHITE COLOR. THE LETTERING FOR THE WARNING SIGNS SHALL BE BLACK. WARNING SIGNS SHALL BE PLACED ON THE SIDE FACING THE BAYOU.

ALG.	SIGN TYPE	SUPPORT TYPE	DESCRIPTION	NO. OF SIGNS
1	A	1	DO NOT PROCEED	8
2	A	1	DO NOT PROCEED	4

2. SEE SHEET PLAN/PROFILES FOR PERMANENT SIGN LOCATIONS.
3. ONE (1) PERMANENT SIGN PER POST SHALL BE INSTALLED.

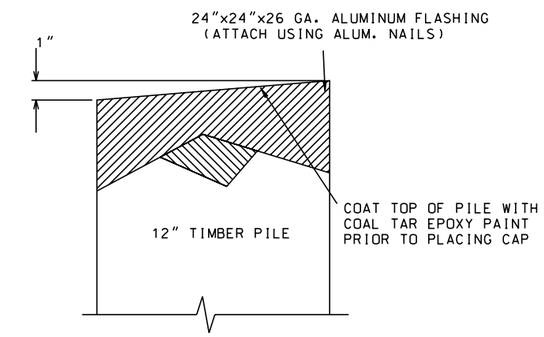


PLAN



ELEVATION

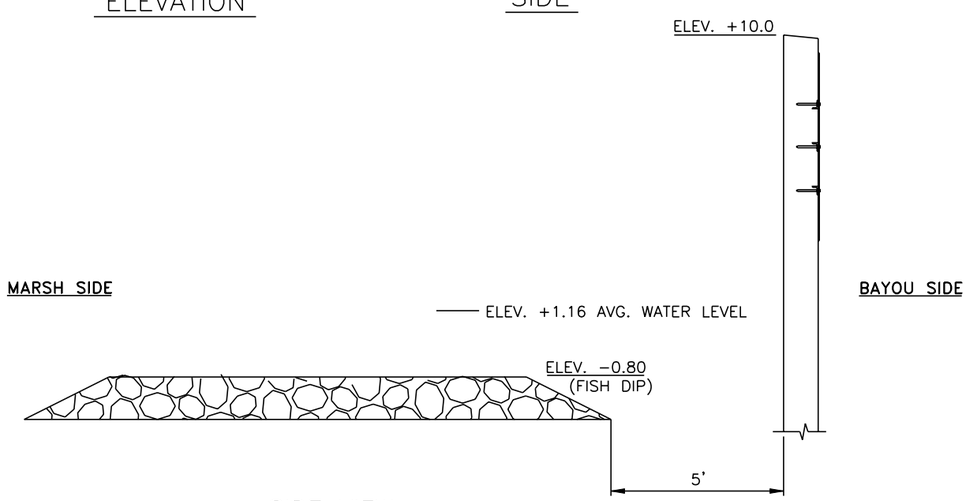
SIDE



TYPICAL TIMBER PILE CAP
(NOT TO SCALE)

TEMPORARY SIGN NOTES:

1. TWO (2) TEMPORARY SIGNS PER POST SHALL BE INSTALLED ALONG THE FLOTATION ACCESS CHANNELS THAT ARE PERPENDICULAR TO THE ROCK DIKE ALIGNMENT.
2. ONE (1) TEMPORARY SIGN PER POST SHALL BE INSTALLED ALONG THE FLOTATION ACCESS CHANNEL THAT IS PARALLEL TO THE ROCK DIKE ALIGNMENT.
3. TEMPORARY WARNING SIGNS ON THE PERPENDICULAR FLOTATION ACCESS CHANNELS SHALL BE SPACED AT INTERVALS NOT TO EXCEED 250'.
4. TEMPORARY WARNING SIGNS ON THE PARALLEL FLOTATION ACCESS CHANNELS SHALL BE PLACED A MAXIMUM OF 200 FEET FROM POINTS OF TIE-IN AND AT INTERVALS NOT TO EXCEED 500 FEET.
5. TEMPORARY SIGNS SHALL BE CUT FROM 1/2 INCH MARINE, B/C GRADE VENEER PLYWOOD TO THE SAME DIMENSIONS AS THE PERMANENT SIGNS.
6. TEMPORARY SIGNS SHALL BE FIRST PRIMED ON THE B SIDE OF THE PLYWOOD WITH TWO (2) COATS OF A LIGHT PIGMENT, PERMANENT OIL-BASED PRIMER. THE TOP COAT SHALL BE AN OIL-BASED BRILLIANT WHITE. THE LETTERING ON THESE SIGNS SHALL ALSO BE BLACK. THE LETTERING FOR THE WARNING SIGN WILL BE BLACK.
7. STEEL PIPE SIGN POSTS SHALL BE A MINIMUM SCHEDULE 40 AND 4 INCHES IN DIAMETER. ROUND TIMBER PILE SIGN POSTS SHALL BE A MINIMUM OF 8 INCHES IN DIAMETER. ALL SIGN POSTS SHALL BE LONG ENOUGH TO MAINTAIN THE SIGNS AT THE SPECIFIED ELEVATIONS DURING WEATHER PATTERNS AND MARINE TRAFFIC CONSIDERED TYPICAL FOR THE PROJECT AREA.



SIDE VIEW
(SIGN TYPE A : SUPPORT TYPE 1)
(NOT TO SCALE)

"AS-BUILT"

BURK-KLEINPETER, INC.
ENGINEERS, ARCHITECTS, PLANNERS, ENVIRONMENTAL SCIENTISTS
4176 CANAL STREET, NEW ORLEANS, LOUISIANA 70119-5994
(504) 486-5901 FAX (504) 488-1714

DESIGNED M. ROBERTS | DETAILED C. SCURICH | DATE 1/04
CHECKED M. CHOPIN | BKI JOB NO. 10142 | SCALE AS SHOWN | SHEET NO. 24

WARNING SIGN DETAILS
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D- CU 6
JEFFERSON PARISH, LA.

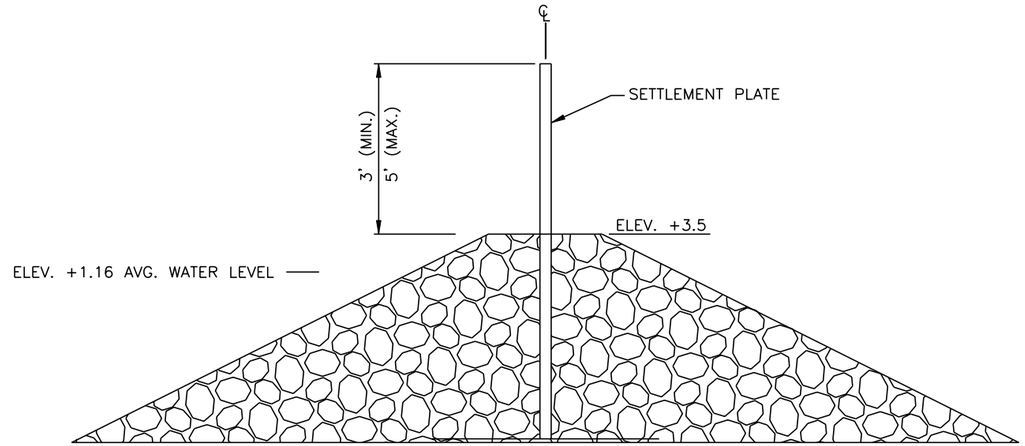
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILE NO.

DRAWING NO.
LA-352

SHEET NO 24 OF 29



ALG.	NO. OF PLATES
No.1	18
No.2	15

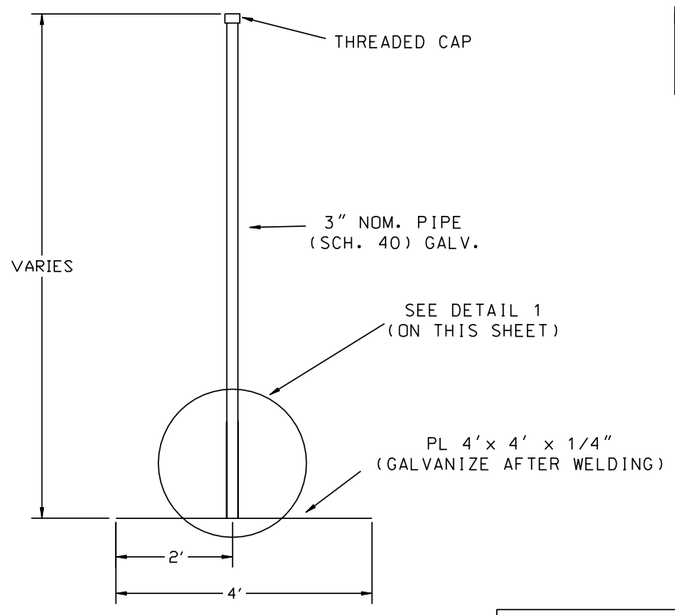
NOTES:

1. SETTLEMENT PLATES SHALL BE PLACED AS SHOWN ON THE PROFILES OR AS DIRECTED BY COTR.

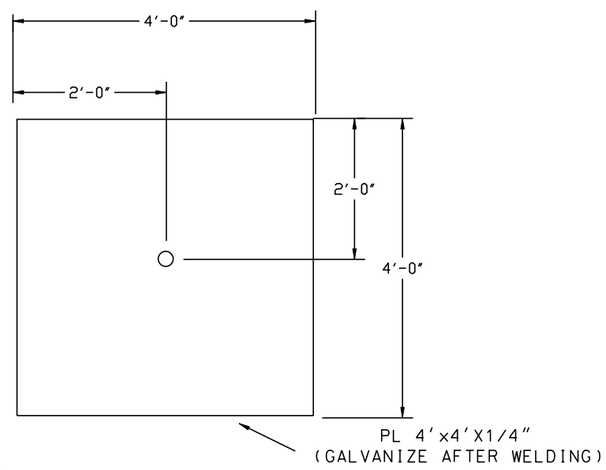
TYPICAL ELEVATION – TYPICAL SECTIONS

(NOT TO SCALE)

NOTE:
THREADS OF CAP SHOULD BE COLD GALVANIZED AFTER INSTALLATION.



ELEVATION VIEW



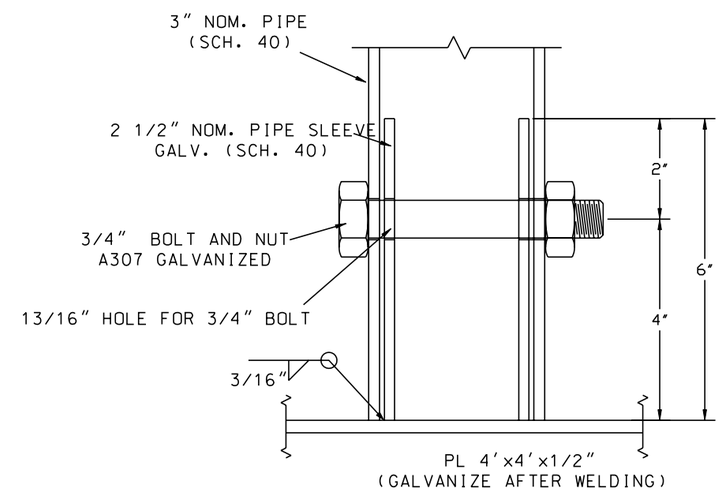
PLAN VIEW

NOTE:
THE SETTLEMENT PLATE ELEVATION SHALL BE DETERMINED AT THE TIME OF INSTALLATION BEFORE PLACING ROCK AND AT END OF CONSTRUCTION.

SETTLEMENT PLATE DETAILS

(NOT TO SCALE)

"AS-BUILT"



DETAIL 1 – 6" PIPE SLEEVE

(NOT TO SCALE)

BURK-KLEINPETER, INC.
ENGINEERS, ARCHITECTS, PLANNERS, ENVIRONMENTAL SCIENTISTS
4176 CANAL STREET, NEW ORLEANS, LOUISIANA 70119-5994
(504) 486-5901 FAX (504) 488-1714

DESIGNED M. ROBERTS | DETAILED C. SCURICH | DATE 1/04
CHECKED M. CHOPIN | BKI JOB NO. 10142 | SCALE AS SHOWN | SHEET NO. 25

SETTLEMENT PLATE DETAILS
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D- CU 6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILE NO.

DRAWING NO. LA-352

SHEET NO 25 OF 29

LANDBRIDGE CU • 6 BA-27D
SETTLEMENT PLATE DATA
ALIGNMENT • 1

LOCATION		INITIAL SET	1ST CHECK	2ND CHECK	3RD CHECK	4TH CHECK	5TH CHECK	6TH CHECK	BENCH MARK	SETTLEMENT •FT.•
CUMULATIVE SETTLEMENT •FEET•										
STA.3+00	ELEVATION	6.29	5.04	4.83	4.83	8.84•••	0.00	0.00	LB-10	1.46
N 406372.1	DATE SURVEYED	7/19/2005	8/15/2005	11/7/2005	2/13/2006	2/14/2006				
E 3668841.		0.00	1.25	0.21	0.00	0.00	0.00	0.00		
STA.13+00	ELEVATION	7.03	6.99	5.91	5.71	5.69	5.68	7.9•	LB-10	1.34
N 407197.1	DATE SURVEYED	7/28/2005	7/31/2005	8/15/2005	11/7/2005	12/7/2005	2/13/2006	2/14/2006		
E 3669210	INCREMENTAL SET.	0.00	0.04	1.08	0.20	0.02	0.00	0.00		
STA.23+00	ELEVATION	6.95	6.26	5.81	5.8	5.8	7.96•		LB-18	1.15
N 408130.7	DATE SURVEYED	8/9/2005	8/15/2005	11/7/2005	12/8/2005	2/13/2006	2/14/2006			
E 3669076	INCREMENTAL SET.	0.00	0.69	0.45	0.01	0.00	0.00	0.00		
STA.33+00	ELEVATION	8.37	6.31	5.96	5.94	5.87	7.92•		LB-17	2.50
N 408903.7	DATE SURVEYED	8/12/2005	8/15/2005	11/7/2005	12/8/2005	2/13/2006	2/14/2006			
E 3668570	INCREMENTAL SET.	0.00	2.06	0.35	0.02	0.07	0.00	0.00		
STA.43+00	ELEVATION	7.87	6.60	6.47	6.42	6.36	8.37•	0	LB-17	1.51
N 409500.9	DATE SURVEYED	8/16/2005	8/24/2005	11/7/2005	12/12/2005	2/13/2006	2/14/2006			
E 3667803	INCREMENTAL SET.	0.00	1.27	0.13	0.05	0.06	0.00	0.00		
STA.49+11	ELEVATION	7.42	6.66	6.59	6.56	6.43	8.48•	0.00	LB-17	0.99
N 409856.8	DATE SURVEYED	8/18/2005	8/24/2005	11/7/2005	12/15/2005	2/13/2006	2/14/2006			
E 3668001	INCREMENTAL SET.	0.00	0.76	0.07	0.03	0.13	0.00	0.00		
STA.53+00	ELEVATION	7.66	6.70	6.55	6.55	6.35	8.57•		LB-17	1.31
N 410081.0	DATE SURVEYED	8/1/1905	8/24/2005	11/7/2005	12/15/2005	2/13/2006	2/14/2006			
E 3668283	INCREMENTAL SET.	0.00	0.96	0.15	0.00	0.20	0.00	0.00		
STA.63+00	ELEVATION	8.26	7.21	7.11	7.08	0.00			LB-16	1.18
N 410912.2	DATE SURVEYED	8/23/2005	11/7/2005	12/15/2005	2/13/2006					
E 3668743	INCREMENTAL SET.	0.00	1.05	0.10	0.03	0.00	0.00	0.00		
	1/0/1900									
STA.73+00	ELEVATION	7.36	6.39	6.33	6.29	8.19•	0.00	0.00	LB-16	1.07
N 411718.0	DATE SURVEYED	8/25/2005	11/7/2005	1/11/2006	2/13/2006	2/14/2006				
E 3668996	INCREMENTAL SET.	0.00	0.97	0.06	0.04	0.00	0.00	0.00		
STA.83+00	ELEVATION	6.61	5.98	5.91	5.29	8.02•	0.00	0.00	LB-16	1.32
N 412634.8	DATE SURVEYED	9/19/2005	11/7/2005	1/3/2006	2/13/2006	2/14/2006				
E 3669185	INCREMENTAL SET.	0.00	0.63	0.07	0.62	0.00	0.00	0.00		
STA.93+00	ELEVATION	6.96	5.47	5.41	5.41	7.59•	0.00	0.00	LB-16	1.55
N 413562.5	DATE SURVEYED	9/22/2005	11/8/2005	1/12/2006	2/13/2006	2/14/2006				
E 3668963	INCREMENTAL SET.	0.00	1.49	0.06	0.00	0.00	0.00	0.00		
STA.101+00	ELEVATION	6.92	5.65	5.32	5.32	8.96••	0.00	0.00	LB-15	1.60
N 414352.4	DATE SURVEYED	10/12/2005	11/8/2005	1/18/2006	2/13/2006	2/14/2006				
E 3668848	INCREMENTAL SET.	0.00	1.27	0.33	0.00	0.00	0.00	0.00		
STA.113+50	ELEVATION	6.68	5.84	5.63	5.62	8.76••	0.00	0.00	LB-15	1.06
N 415471.8	DATE SURVEYED	10/21/2005	11/8/2005	1/18/2006	2/13/2006	2/14/2006				
E 3669310	INCREMENTAL SET.	0.00	0.84	0.21	0.01	0.00	0.00	0.00		
STA.123+00	ELEVATION	7.22	5.82	5.65	5.65	8.60••	0.00	0.00	LB-15	1.57
N 415364.2	DATE SURVEYED	10/25/2005	11/8/2005	1/19/2006	2/13/2006	2/14/2006				
E 3669259	INCREMENTAL SET.	0.00	1.40	0.17	0.00	0.00	0.00	0.00		
STA. 133+00	ELEVATION	7.49	6.09	5.90	8.03•	0.00	0.00	0.00	LB-14	1.59
N 417067.7	DATE SURVEYED	10/31/2005	1/19/2006	2/13/2006	2/14/2006					
E 3668822	INCREMENTAL SET.	0.00	1.40	0.19	0.00	0.00	0.00	0.00		
STA.143+00	ELEVATION	6.41	5.48	5.37	0.00	0.00	0.00	0.00	LB-14	6.41
N 417994.5	DATE SURVEYED	11/3/2005	1/30/2006	2/13/2006	2/14/2006					
E 3669104	INCREMENTAL SET.	0.00	0.93	0.11	5.37	0.00	0.00	0.00		
STA. 149+00	ELEVATION	6.98	5.96	5.93	7.87••	0.00	0.00	0.00	LB-14	1.05
N 418569.2	DATE SURVEYED	11/7/2005	1/30/2006	2/13/2006	2/14/2006					
E 3669023	INCREMENTAL SET.	0.00	1.02	0.03	0.00	0.00	0.00	0.00		
STA. 153+00	ELEVATION	7.54	5.56	5.55	8.58••	0.00	0.00	0.00	LB-14	1.99
N 418882.2	DATE SURVEYED	11/8/2005	1/30/2006	2/13/2006	2/14/2006					
E 3668793	INCREMENTAL SET.	0.00	1.98	0.01	0.00	0.00	0.00	0.00		
STA. 163+00	ELEVATION	7.48	2.51	6.62•••	6.36	6.36	9.74•	0.00	BA-27 SM03	5.23
N 419660.4	DATE SURVEYED	11/15/2005	12/19/2005	12/19/2005	1/30/2006	2/13/2006	2/14/2006			
E 3668238	INCREMENTAL SET.	0.00	4.97	0.00	0.26	0.00	0.00	0.00		

••• -- 4.0' SECTION OF PIPE ADDED
•• -- 3.0' SECTION OF PIPE ADDED
• -- 2.0' SECTION OF PIPE ADDED

"AS-BUILT"

BURK-KLEINPETER, INC.
ENGINEERS, ARCHITECTS, PLANNERS, ENVIRONMENTAL SCIENTISTS
4176 CANAL STREET, NEW ORLEANS, LOUISIANA 70119-5994
(504) 486-5901 FAX (504) 488-1714

DESIGNED M. ROBERTS | DETAILED C. SCURICH | DATE 1/04
CHECKED M. CHOPIN | BKI JOB NO. 10142 | SCALE AS SHOWN | SHEET NO. 25

SETTLEMENT PLATE SURVEYS
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D- CU 6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

REVISIONS: NO. | DATE | APPR. | TITLE

CAD FILE NO.

DRAWING NO. LA-352

SHEET NO 25a OF 29

LANDBRIDGE CU • 6 BA-27D
SETTLEMENT PLATE DATA
ALIGNMENT • 2

LOCATION		INITIAL SET	1ST CHECK	2ND CHECK	3RD CHECK	4TH CHECK	5TH CHECK	BENCH MARK	SETTLEMENT •FT.•
CUMULATIVE SETTLEMENT •FEET•									
STA.300+96	ELEVATION	9.42	7.62	7.48	7.40	0.00	0.00	LAFITTE 2	2.02
N 425818.23	DATE SURVEYED	5/10/2005	5/30/2005	6/28/2005	11/9/2005				
E 3667727.03		0.00	1.80	0.14	0.08	0.00	0.00		
STA.291+05	ELEVATION	7.30	5.87	5.59	5.62	9.73••	9.61	LB 11	1.80
N 426000.64	DATE SURVEYED	5/12/2005	5/30/2005	6/28/2005	7/29/2005	7/29/2005	11/9/2005		
E 3666789.01	INCREMENTAL SET.	0.00	1.43	0.28	-0.03	0.00	0.12		
STA.281+05	ELEVATION	9.14	7.05	6.46	6.24	0.00	0	LB 11	2.90
N 426027.81	DATE SURVEYED	5/16/2005	5/30/2005	6/28/2005	11/8/2005				
E 3665852.18	INCREMENTAL SET.	0.00	2.09	0.59	0.22	0.00	0.00		
STA.276+05	ELEVATION	8.00	6.07	5.53	5.37	9.48••	9.33	LB 11	12.11
N 425889.96	DATE SURVEYED	5/18/2005	5/30/2005	7/6/2005	7/29/2005	7/29/2005	11/8/2005		
E 3665414.95	INCREMENTAL SET.	0.00	1.93	0.54	0.16	0.00	0.15		
STA.269+00	ELEVATION	7.25	5.95	5.36	5.29	9.41••	9.15	LB 11	2.22
N 425391.36	DATE SURVEYED	5/20/2005	5/30/2005	7/6/2005	7/29/2005	7/29/2005	11/8/2005		
E 366203.81	INCREMENTAL SET.	0.00	1.30	0.59	0.07	0.00	0.26		
STA.264+50	ELEVATION	6.64	5.45	4.91	4.84	8.94••	8.72	LB 11	2.02
N 425086.17	DATE SURVEYED	5/25/2005	6/14/2005	7/6/2005	7/29/2005	7/29/2005	11/8/2005		
E 3665479.57	INCREMENTAL SET.	0.00	1.19	0.54	0.07	0.00	0.22		
STA.254+50	ELEVATION	6.61	5.15	4.75	4.41	8.58••	8.23	LB 12	2.55
N 424607.74	DATE SURVEYED	5/30/2005	6/14/2005	7/6/2005	7/29/2005	7/29/2005	11/8/2005		
E 3666182.31	INCREMENTAL SET.	0.00	1.46	0.40	0.34	0.00	0.35		
STA.244+50	ELEVATION	6.83	4.96	4.65	4.48	8.58••	8.47	LB 13	2.46
N 423882.51	DATE SURVEYED	6/2/2005	6/14/2005	7/6/2005	7/26/2005	7/26/2005	11/8/2005		
E 3666745.97	INCREMENTAL SET.	0.00	1.87	0.31	0.17	0.00	0.11		
	1/0/1900								
STA.239+00	ELEVATION	6.48	6.05	5.25	4.67	8.77••	8.46	LB 12	2.12
N 423358.24	DATE SURVEYED	6/7/2005	6/14/2005	7/6/2005	7/26/2005	7/26/2005	11/8/2005		
E 3666908.98	INCREMENTAL SET.	0.00	0.43	0.80	0.58	0.00	0.31		
STA.234+50	ELEVATION	6.48	5.56	5.34	4.90	9.01••	8.85	LB12	1.74
N 422950.26	DATE SURVEYED	6/8/2005	6/14/2005	7/6/2005	7/26/2005	7/26/2005	11/8/2005		
E 3667064.30	INCREMENTAL SET.	0.00	0.92	0.22	0.44	0.00	0.16		
STA.230+00	ELEVATION	8.14	6.53	6.25	5.62	9.74••	9.51	LB 13	2.75
N 422550.98	DATE SURVEYED	6/10/2005	6/14/2005	7/6/2005	7/26/2005	7/26/2005	11/8/2005		
E 3667250.81	INCREMENTAL SET.	0.00	1.61	0.28	0.63	0.00	0.23		
STA.224+30	ELEVATION	6.91	6.22	5.56	9.66••	9.53	0.00	LB 13	1.35
N 421996.64	DATE SURVEYED	6/15/2005	7/6/2005	7/26/2005	7/26/2005	11/8/2005			
E 3667280.24	INCREMENTAL SET.	0.00	0.69	0.66	0.00	0.00	0.00		
STA.214+30	ELEVATION	8.15	7.04	6.04	0.00	0.00	0.00	LB 13	2.11
N 421190.06	DATE SURVEYED	6/28/2005	7/6/2005	11/8/2005					
E 3667291.38	INCREMENTAL SET.	0.00	1.11	1.00	0.00	0.00	0.00		
STA.204+50	ELEVATION	6.57	3.26	3.01	7.10••	6.54	0.00	BA-27 SM03	3.56
N 420396.29	DATE SURVEYED	7/11/2005	7/22/2005	7/26/2005	7/26/2005	11/8/2005			
E 3667772.08	INCREMENTAL SET.	0.00	3.31	0.25	0.00	0.00	0.00		

•• -- 4.0' SECTION OF PIPE ADDED

"AS-BUILT"

BURK-KLEINPETER, INC.
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4176 CANAL STREET, NEW ORLEANS, LOUISIANA 70119-5994
(504) 486-5901 FAX (504) 488-1714

DESIGNED M. ROBERTS | DETAILED C. SCURICH | DATE 1/04
CHECKED M. CHOPIN | BKI JOB NO. 10142 | SCALE AS SHOWN | SHEET NO. 25

SETTLEMENT PLATE SURVEYS
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D- CU 6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

REVISIONS

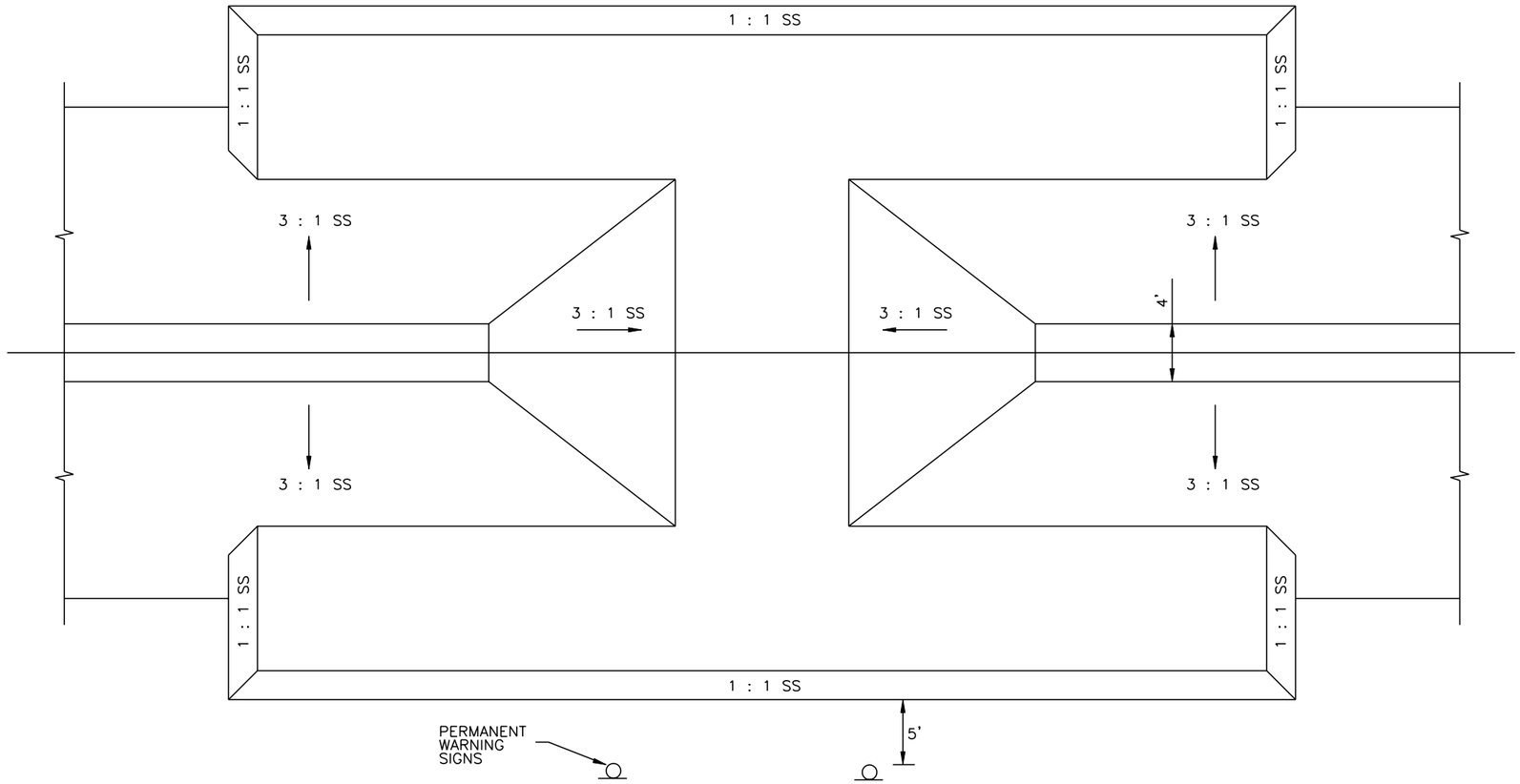
NO.	DATE	APPR.	TITLE

CAD FILE NO.

DRAWING NO.
LA-352

SHEET N025b OF 29

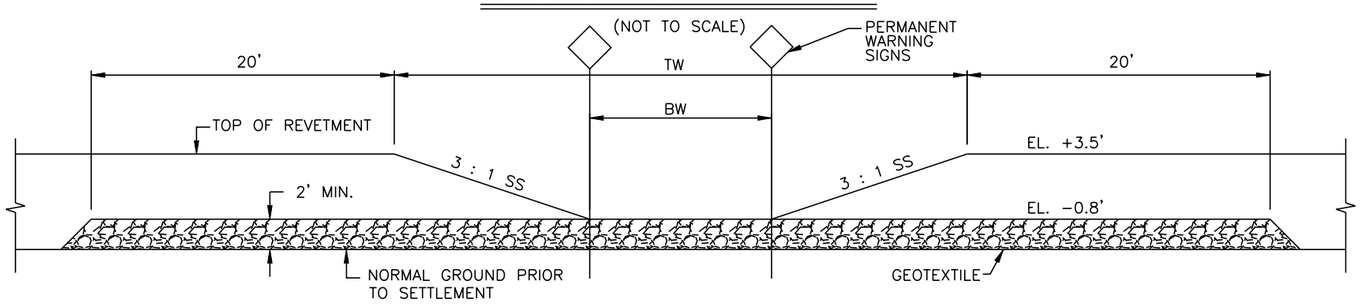
NOTE :
GEOTEXTILE TO CONFORM TO EXISTING CHANNEL BOTTOM



REVETMENT PLAN AT FISH DIP

(NOT TO SCALE)

FISH DIP NO.	TW	BW
1	55.8'	30'
2	55.8'	30'
3	75.8'	50'
4	65.8'	40'
5	155.8'	130'
6	75.8'	50'



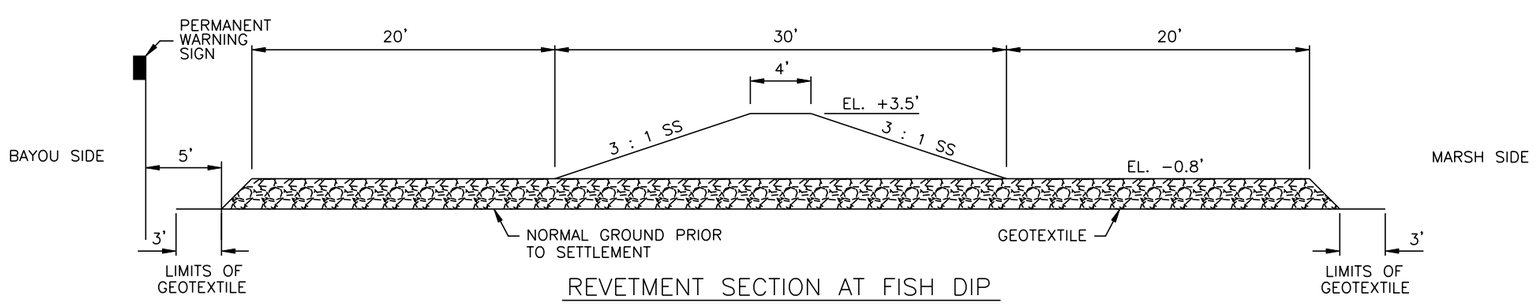
REVETMENT PROFILE AT FISH DIP

(NOT TO SCALE)

"AS-BUILT"

NOTE: 1. THE CREST ELEVATION OF FISH DIP #5 IS NOT REQUIRED TO BE -0.8. 30" OF ROCK SHALL BE PLACED IN THE OPENING.

2. FOR FISH DIP #5, PLACE SIGNS AT 1/3 INTERVALS OF BOTTOM WIDTH.



REVETMENT SECTION AT FISH DIP

(NOT TO SCALE)

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DESIGNED M. ROBERTS | DETAILED C. SCURICH | DATE 1/04
CHECKED M. CHOPIN | BKI JOB NO. 10142 | SCALE AS SHOWN | SHEET NO. 26

DETAILS - FISH DIPS
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D- CU 6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

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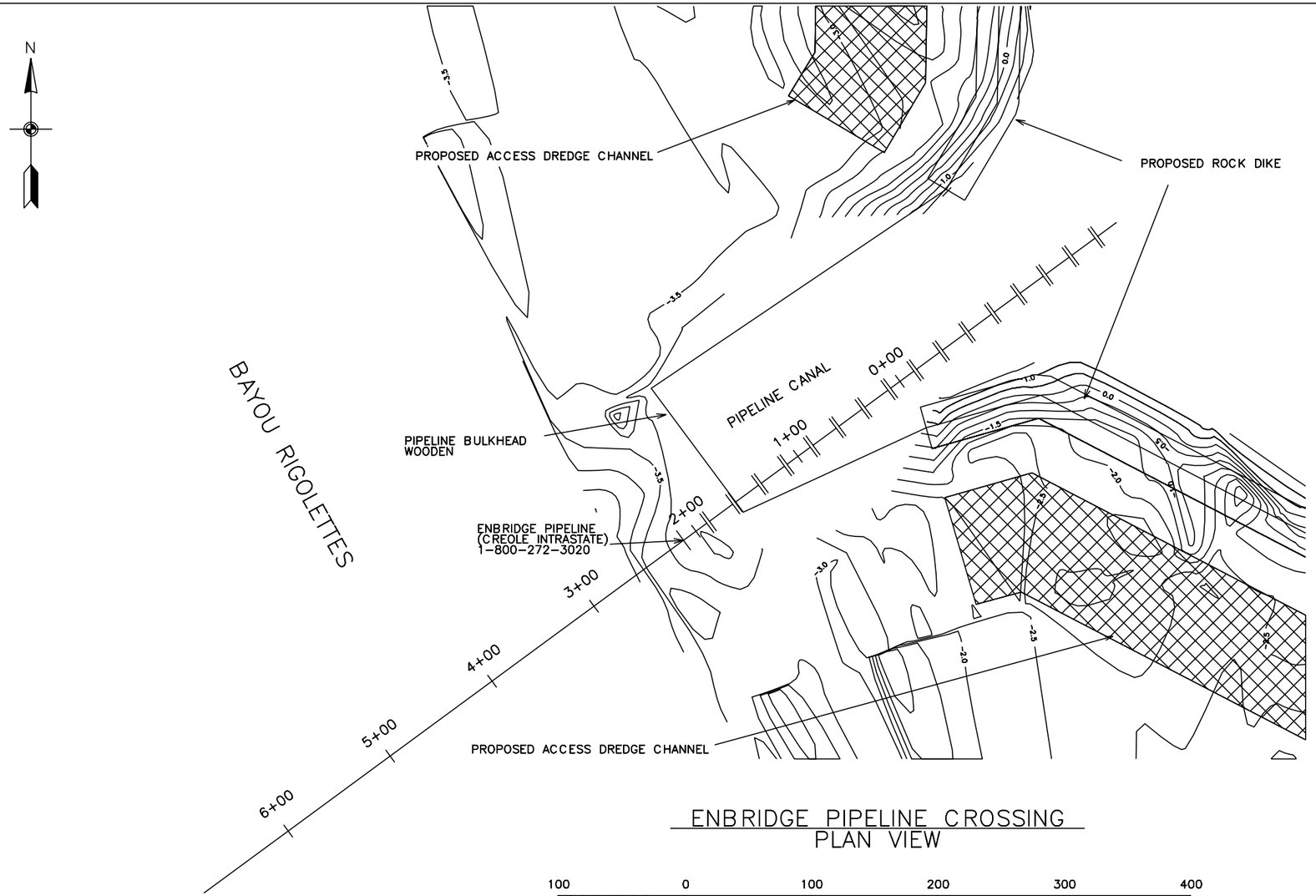
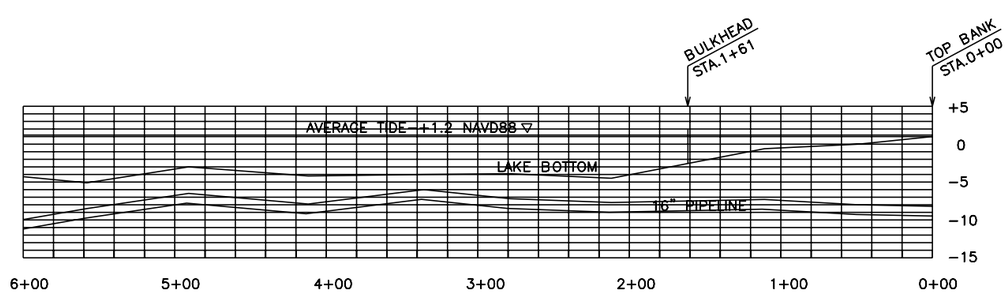
SHEET NO 26 OF 29

26.FISHDIP.dgn 10/5/2006 8:27:24 AM



ENBRIDGE PIPELINE CROSSING
PLAN VIEW

100 0 100 200 300 400
SCALE IN FEET



ENBRIDGE PIPELINE CROSSING
PROFILE VIEW

"AS-BUILT"

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DESIGNED
CHECKED
DETAILED D.J. WILMORE
BKI JOB NO. 10142
DATE 1/04
SCALE AS SHOWN
SHEET NO. 27

DETAILS - ENBRIDGE PIPELINE
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU6
JEFFERSON PARISH, LA.

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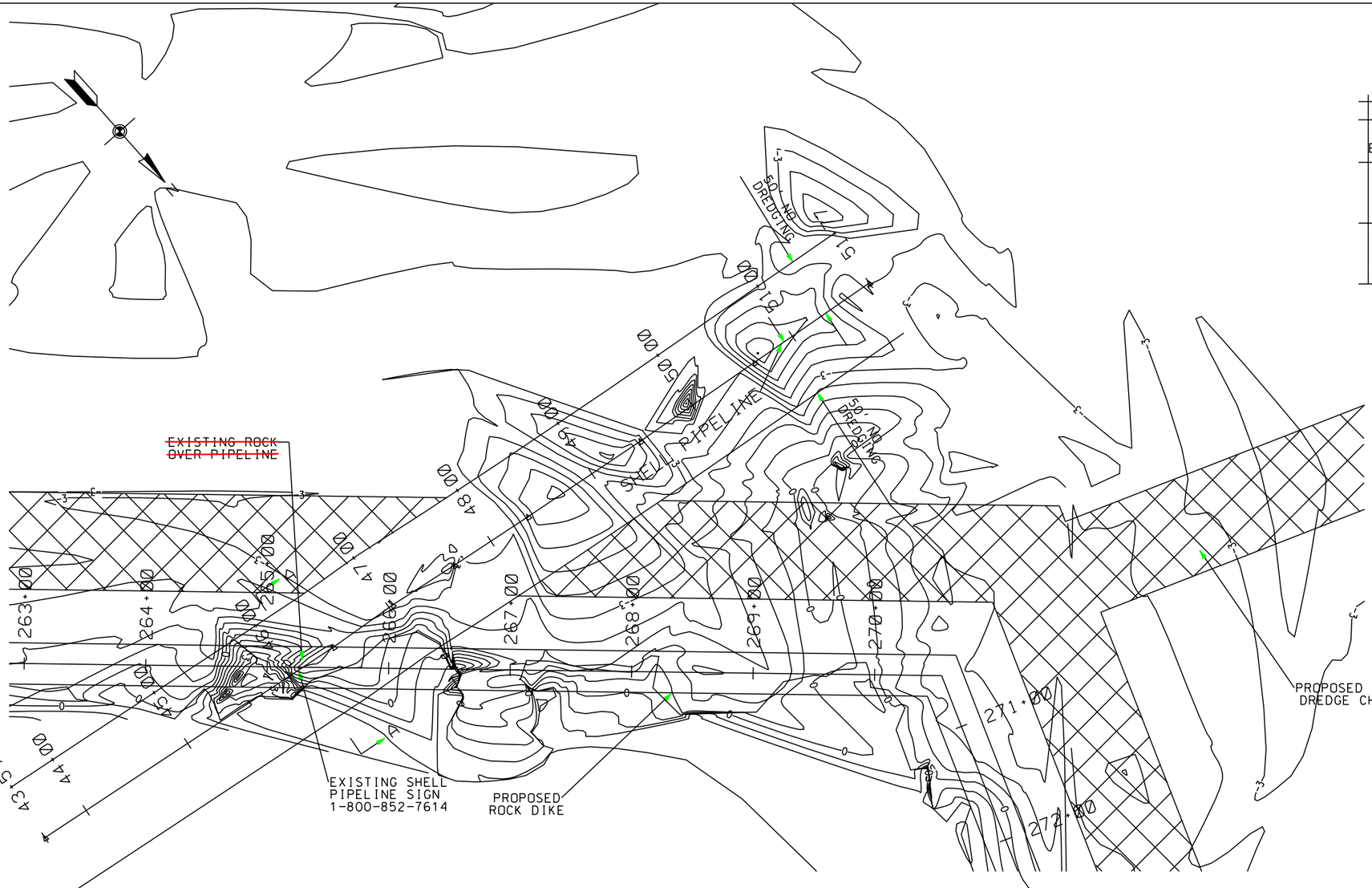
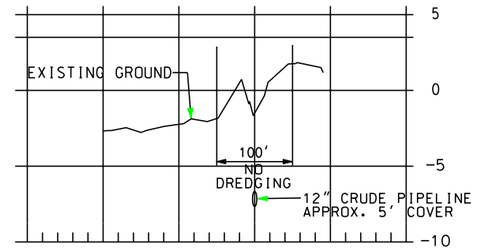
27. bulkheaddetail.DGN 10/5/2006 8:26:28 AM

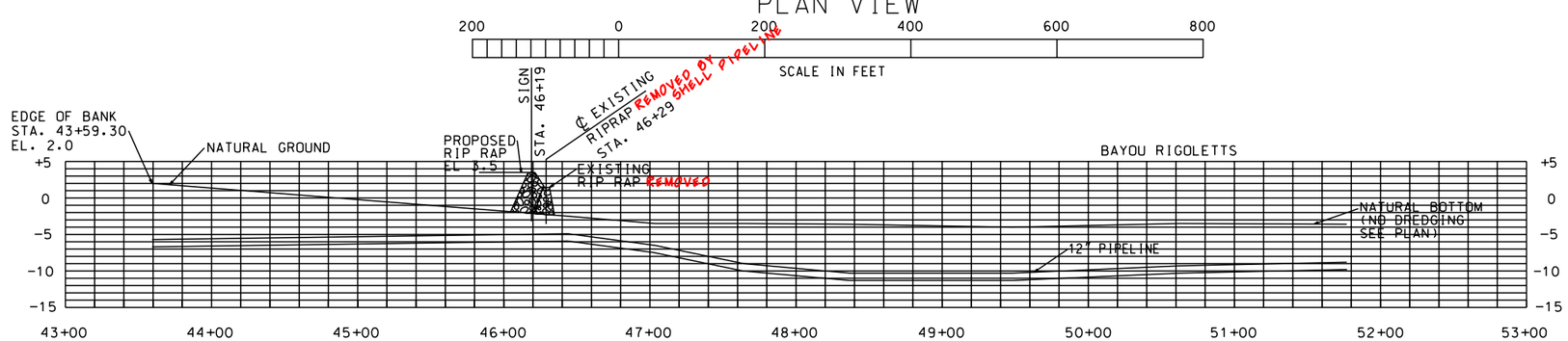


"AS-BUILT"

SHELL PIPELINE CROSSING
PLAN VIEW



SECTION A-A



SHELL PIPELINE CROSSING
PROFILE VIEW
(LOOKING SOUTH)

NOTE: STATIONING CORRESPONDS TO SHELL PIPELINE AS-BUILTS.

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CHECKED M. CHOPIN | BKI JOB NO. 10142 | SCALE AS SHOWN | SHEET NO. 28

DETAILS - SHELL PIPELINE
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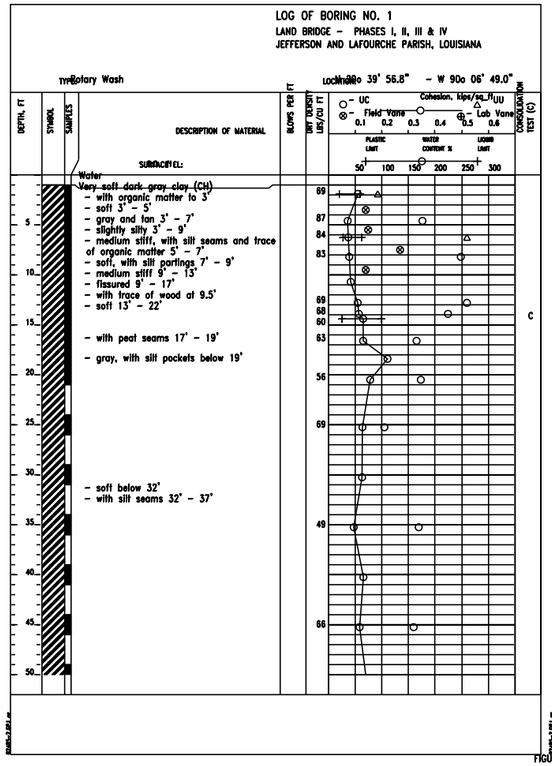

FIGURE A-1

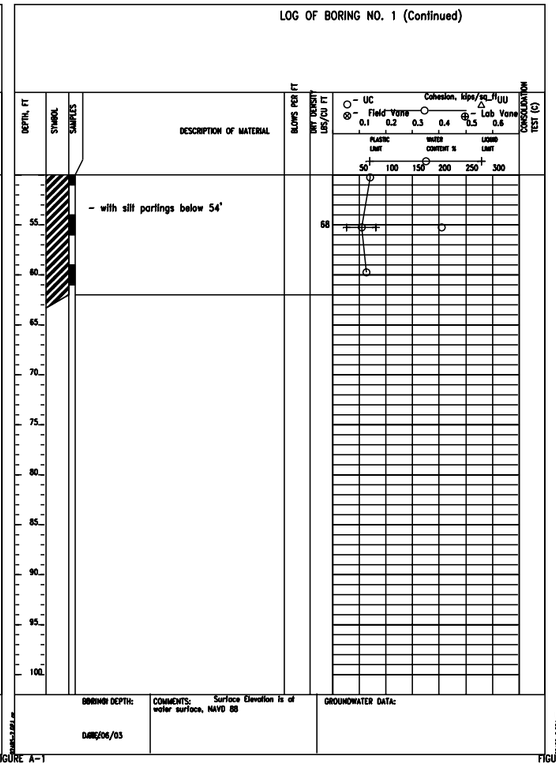

FIGURE A-2

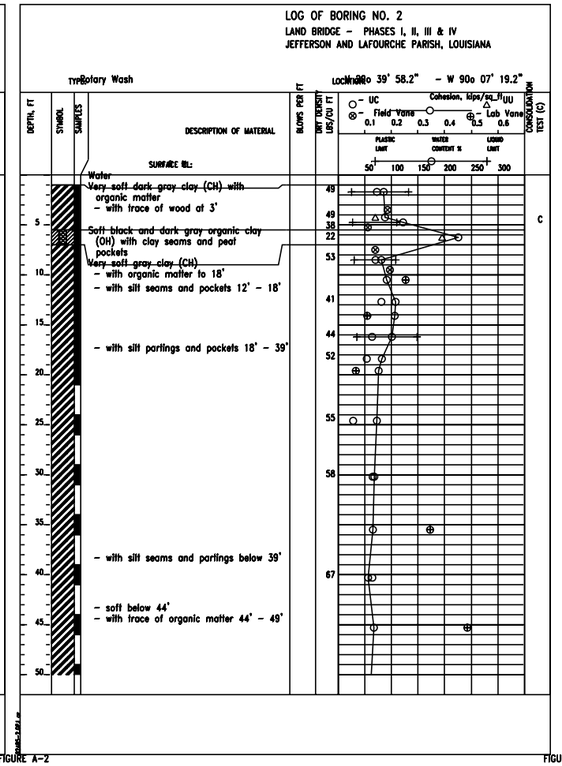

FIGURE A-3

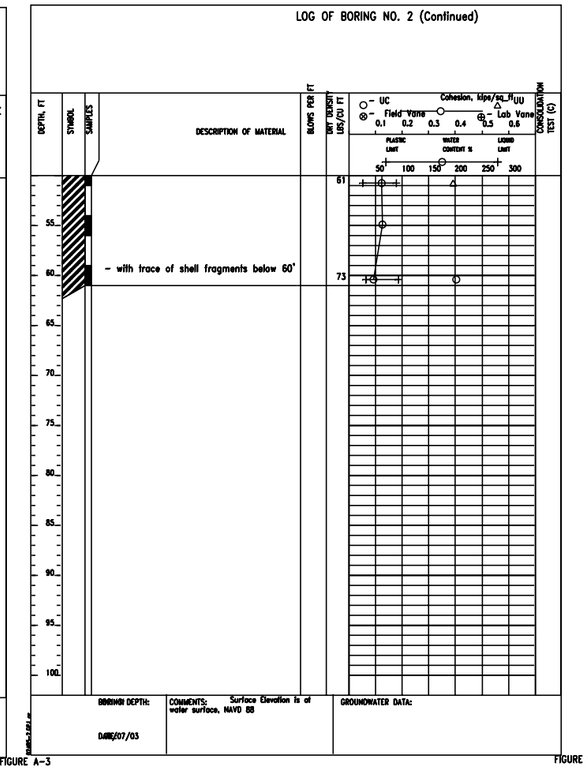

FIGURE A-4

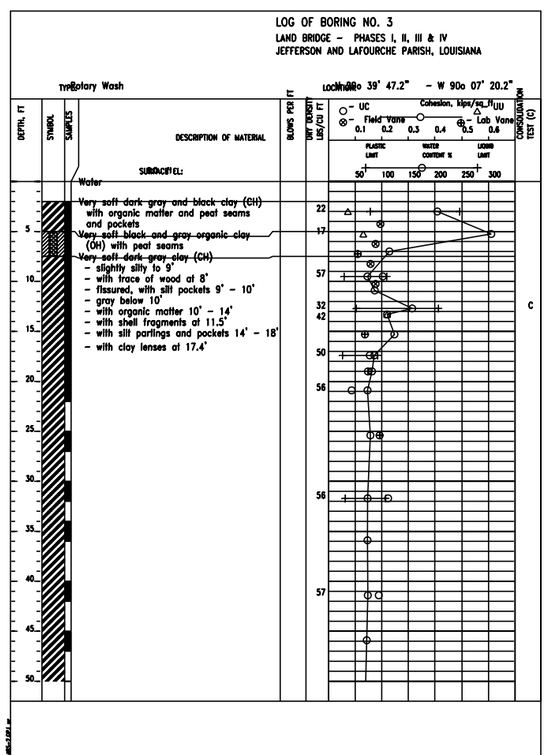

FIGURE A-5

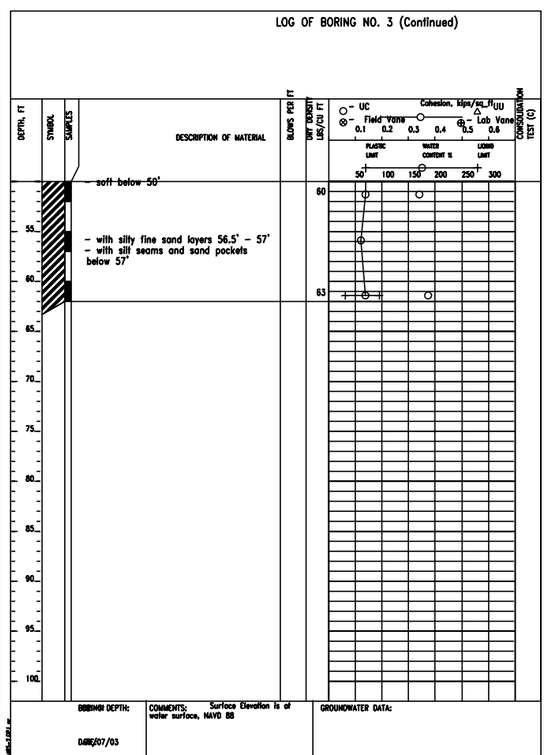

FIGURE A-6

"AS-BUILT"

ML	SILT WITH LITTLE OR NO PLASTICITY	
CL	SILTY CLAY, LOW TO MEDIUM PLASTICITY	
CH	CLAY, HIGH PLASTICITY	
OH	ORGANIC CLAY OF MEDIUM TO HIGH PLASTICITY	
FV	FIELD VANE (KSF)	
LV	LAB VANE (KSF)	

BORING No.	LATITUDE	LONGITUDE
B–1	29°39'56.8"	90°06'49.0"
B–2	29°39'58.2"	90°07'19.2"
B–3	29°39'47.2"	90°07'20.2"
B–4	29°39'25.8"	90°07'03.3"
B–5	29°39'14.4"	90°07'02.3"
B–6	29°38'46.0"	90°06'45.5"
B–7	29°38'02.2"	90°06'46.8"
B–8	29°37'23.4"	90°06'53.1"
B–9	29°36'42.4"	90°06'46.5"

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DATE 1/04
SCALE AS SHOWN
SHEET NO. 29
DESIGNED M. ROBERTS
DETAILED C. SCURICH
CHECKED M. CHOPIN
BKI JOB NO. 10142

SOIL BORINGS
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU 6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE – NATURAL RESOURCES CONSERVATION SERVICE

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NO. DATE APPR. TITLE

CAD FILE NO.
DRAWING NO. LA-352
SHEET NO 29 OF 29

29.BORING.dgn 10/5/2006 8:32:52 AM

LOG OF BORING NO. 4

LAND BRIDGE – PHASES I, II, III & IV
JEFFERSON AND LAFOURCHE PARISH, LOUISIANA

TYPE: Rotary Wash
LOCATION: N 29o 39' 25.8" – W 90o 07' 03.3"
SURFACE ELEV.:

- Water
- Very soft brown and dark gray clay (CH)
  - with organic matter to 6'
  - with peat pockets 4' – 6'
  - gray and black 6' – 9'
  - with trace of organic matter 6' – 12'
  - gray, fissured 9' – 12'
  - soft, gray and dark gray, with organic matter and organic clay seams below 12'
- Very soft black and dark gray organic clay (OH)
- Soft gray clay (CH), slightly silty
  - with sand seams and mica to 18'
  - very soft 18' – 20'
  - with silt seams and partings 18' – 47'
  - with silty fine sand layers 47' – 55'

Blows per ft: 63, 45, 46, 32, 25, 79, 57, 59, 61, 70
Consolidation test (C): C

BORING DEPTH:
DATE: 08/03
COMMENTS: Surface Elevation is of water surface, NAVD 88
GROUNDWATER DATA:

FIGURE A-7

LOG OF BORING NO. 4 (Continued)

- with silt pockets 55' – 66'
- with silty fine sand layers 66' – 70'
- with trace of shell fragments at 70'
- gray and dark gray, with silt partings and pockets below 70'

Blows per ft: 66, 69, 71, 74

FIGURE A-8

LOG OF BORING NO. 5

LAND BRIDGE – PHASES I, II, III & IV
JEFFERSON AND LAFOURCHE PARISH, LOUISIANA

TYPE: Rotary Wash
LOCATION: N 29o 39' 14.4" – W 90o 07' 02.3"
SURFACE ELEV.:

- Water
- Very soft brown, dark gray, and gray organic clay (OH) with clay seams
- Very soft gray and dark gray clay (CH)
  - with trace of organic matter to 11'
  - fissured to 11'
  - with organic seams and partings 11' – 13'
  - with silty pockets 13' – 21'
  - with trace of organic matter 13' – 17'
  - gray below 13'
  - with silt partings 24' – 30'
  - with silt pockets below 30'
  - soft below 39'

Blows per ft: 43, 23, 55, 51, 45, 33, 50, 54, 55, 61
Consolidation test (C): C

BORING DEPTH:
DATE: 09/03
COMMENTS: Surface Elevation is of water surface, NAVD 88
GROUNDWATER DATA:

FIGURE A-9

LOG OF BORING NO. 5 (Continued)

- with silty fine sand layer at 54.5'
- with silt partings below 59'

Blows per ft: 61, 63

FIGURE A-10

LOG OF BORING NO. 6

LAND BRIDGE – PHASES I, II, III & IV
JEFFERSON AND LAFOURCHE PARISH, LOUISIANA

TYPE: Rotary Wash
LOCATION: N 29o 38' 46.0" – W 90o 06' 45.5"
SURFACE ELEV.:

- Water
- Very soft black and brown peat (PT)
  - slightly clayey to 5'
  - with clay seams 5' – 6'
- Soft gray clay (CH)
  - with trace of organic matter to 8'
  - fissured to 12'
  - with trace of organic matter below 11.5'
  - very soft below 12'
  - with silty fine sand layers below 13.5'
- Loose gray silt (ML) with silty fine sand layers and clay layers and seams
- Soft gray clay (CH)
  - slightly silty, with silty fine sand pockets to 21'
  - with silty fine sand layers 21' – 25'
  - with silt partings and pockets below 25'

Blows per ft: 16, 31, 61, 66, 46, 45, 59, 83, 50, 68, 64
Consolidation test (C): C

FIGURE A-11

LOG OF BORING NO. 6 (Continued)

- medium stiff below 60'

Blows per ft: 63, 73

BORING DEPTH:
DATE: 09/03
COMMENTS: Surface Elevation is of water surface, NAVD 88. Atterberg limits shown at a depth of 16.75' was performed on a clay layer.
GROUNDWATER DATA:

FIGURE A-12

LOG OF BORING NO. 7

LAND BRIDGE – PHASES I, II, III & IV
JEFFERSON AND LAFOURCHE PARISH, LOUISIANA

TYPE: Rotary Wash
LOCATION: N 29o 38' 02.2" – W 90o 06' 46.8"
SURFACE ELEV.:

- Water
- Very soft brown and black clayey peat (PT)
- Soft gray silty clay (CL)
  - with silty fine sand layer at 7'
- Soft gray clay (CH)
  - fissured, with silty clay seams to 10'
  - with wood fragments to 12'
- Very soft gray silty clay (CL) with silty fine sand seams and clay lenses
- Soft gray clay (CH)
  - with silt seams and partings to 40.5'
  - with silt partings 45' – 47'

Blows per ft: (1), 79, 44, 34, 33, 71, 66, 63, 65, 64, 59, 59
Consolidation test (C): C

BORING DEPTH:
DATE: 10/03
COMMENTS: Surface Elevation is at water surface, NAVD 88
NOTES:
(1) Moisture contents over 350% are shown on Test Data Summary.
(2) Atterberg limits with LL or PL over 350 are shown on Test Data Summary.
GROUNDWATER DATA:

FIGURE A-13

LOG OF BORING NO. 7 (Continued)

- with silt partings below 55'
- very soft 55' – 57'
- with trace of shell fragments at 55'

"AS-BUILT"

Blows per ft: 68, 62

FIGURE A-14

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DESIGNED: M. ROBERTS
DETAILED: C. SCURICH
CHECKED: M. CHOPIN
DATE: 1/04
SCALE: AS SHOWN
BKI JOB NO. 10142
SHEET NO. 29a

SOIL BORINGS
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU 6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE – NATURAL RESOURCES CONSERVATION SERVICE

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DRAWING NO. LA-352
SHEET NO 29a OF 29

29a.BORING.dgn 10/5/2006 8:34:46 AM

LOG OF BORING NO. 8

LAND BRIDGE – PHASES I, II, III & IV
JEFFERSON AND LAFOURCHE PARISH, LOUISIANA

TYPE: Rotary Wash — LOCATION: N 29° 37' 23.4" – W 90° 06' 53.1"

DEPTH, FT	DESCRIPTION OF MATERIAL	BLOWS PER FT	DRY DENSITY LBS/CU FT	Cohesion, kips/sq. ft (UC / Field Vane / Lab Vane / UU)	PLASTIC LIMIT	WATER CONTENT %	LIQUID LIMIT	CONSOLIDATION TEST (C)
	SURFACE EL:							
	Water							
	Very soft black, brown and gray clayey peat (PT) with clay seams							
	Very soft gray silty clay (CL) with silt seams and pockets							
	– with silty fine sand pockets below 4'							
	– soft below 5'							
	Soft gray clay (CH)							
	– with silt pockets to 9'							
	– medium stiff 9' – 11'							
	– fissured 9' – 14'							
	– with trace of organic matter 11' – 13'							
	– with trace of shell fragments at 12.5'							
	– with silt pockets below 14'							
	Loose gray silt (ML), slightly clayey, with clay seams and mica							
	Soft gray clay (CH)							
	– with silt pockets and mica to 21'							
	– slightly silty 19' – 21'							
	– with trace of organic matter below 20.5'							
	– medium stiff, with organic matter 24' – 26'							
	– gray and dark gray 24' – 31'							
	– with silt partings and pockets 29' – 46'							
	– gray and dark gray 36' – 41'							
	– with silt pockets 46' – 51'							

Cohesion, kips/sq. ft: 0.1 0.2 0.3 0.4 0.5 0.6 — PLASTIC LIMIT / WATER CONTENT % / LIQUID LIMIT: 50 100 150 200 250 300

CONSOLIDATION TEST (C): C

BORING DEPTH:
DATE: 11/03
COMMENTS: Surface Elevation is at water surface, NAVD 88
GROUNDWATER DATA:

FIGURE A-15

LOG OF BORING NO. 8 (Continued)

DEPTH, FT	DESCRIPTION OF MATERIAL	BLOWS PER FT	DRY DENSITY LBS/CU FT	Cohesion, kips/sq. ft (UC / Field Vane / Lab Vane / UU)	PLASTIC LIMIT	WATER CONTENT %	LIQUID LIMIT	CONSOLIDATION TEST (C)
	– medium stiff below 54'							
	– with silt pockets below 59'							

Cohesion, kips/sq. ft: 0.1 0.2 0.3 0.4 0.5 0.6 — PLASTIC LIMIT / WATER CONTENT % / LIQUID LIMIT: 50 100 150 200 250 300

BORING DEPTH:
DATE: 11/03
COMMENTS: Surface Elevation is at water surface, NAVD 88
GROUNDWATER DATA:

FIGURE A-16

LOG OF BORING NO. 9

LAND BRIDGE – PHASES I, II, III & IV
JEFFERSON AND LAFOURCHE PARISH, LOUISIANA

TYPE: Rotary Wash — LOCATION: N 29° 36' 42.4" – W 90° 06' 46.5"

DEPTH, FT	DESCRIPTION OF MATERIAL	BLOWS PER FT	DRY DENSITY LBS/CU FT	Cohesion, kips/sq. ft (UC / Field Vane / Lab Vane / UU)	PLASTIC LIMIT	WATER CONTENT %	LIQUID LIMIT	CONSOLIDATION TEST (C)
	SURFACE EL:							
	Water							
	Very soft black and brown clayey peat (PT)							
	Very soft gray clay (CH)							
	– with clayey peat seams to 6'							
	– fissured 6' – 10'							
	– with wood fragments 6' – 12'							
	– soft 7' – 8'							
	– with trace of shell fragments 9.5' – 12'							
	– soft 10' – 12'							
	– with organic matter 12' – 27'							
	– with silt seams and partings 27' – 30.5'							
	– soft 30' – 35'							
	– with silty fine sand layer at 25'							
	– with silty fine sand seams and pockets 30.5' – 35'							
	– medium stiff, fissured 35' – 37'							
	– soft below 37'							
	– with silt partings and seams 40' – 45'							

Cohesion, kips/sq. ft: 0.1 0.2 0.3 0.4 0.5 0.6 — PLASTIC LIMIT / WATER CONTENT % / LIQUID LIMIT: 50 100 150 200 250 300

CONSOLIDATION TEST (C): C

FIGURE A-17

LOG OF BORING NO. 9 (Continued)

DEPTH, FT	DESCRIPTION OF MATERIAL	BLOWS PER FT	DRY DENSITY LBS/CU FT	Cohesion, kips/sq. ft (UC / Field Vane / Lab Vane / UU)	PLASTIC LIMIT	WATER CONTENT %	LIQUID LIMIT	CONSOLIDATION TEST (C)
	– slickensided 50' – 52'							

Cohesion, kips/sq. ft: 0.1 0.2 0.3 0.4 0.5 0.6 — PLASTIC LIMIT / WATER CONTENT % / LIQUID LIMIT: 50 100 150 200 250 300

BORING DEPTH:
DATE: 11/03
COMMENTS: Surface Elevation is at water surface, NAVD 88
NOTES:
(1) Moisture contents over 350% are shown on Test Data Summary.
(2) Atterberg limits with LL or PL over 350 are shown on Test Data Summary.
GROUNDWATER DATA:

FIGURE A-18

"AS-BUILT"

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DESIGNED M. ROBERTS — DETAILED C. SCURICH — DATE 1/04
CHECKED M. CHOPIN — BKI JOB NO. 10142 — SCALE AS SHOWN — SHEET NO. 29b

SOIL BORINGS
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU 6
JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE – NATURAL RESOURCES CONSERVATION SERVICE

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