

VICINITY MAP

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"



"AS-BUILT PLANS"

INDEX OF DRAWINGS

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29-29b	SOIL BORINGS

SUBMITTED BY: WARREN BLANCHARD DATE _____
GOVERNMENT REPRESENTATIVE

APPROVED BY: BRADLEY A. SKICKER DATE _____
ASSISTANT STATE CONSERVATION ENGINEER
BRADLEY A. SKICKER III DATE _____
STATE CONSERVATION ENGINEER

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

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

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

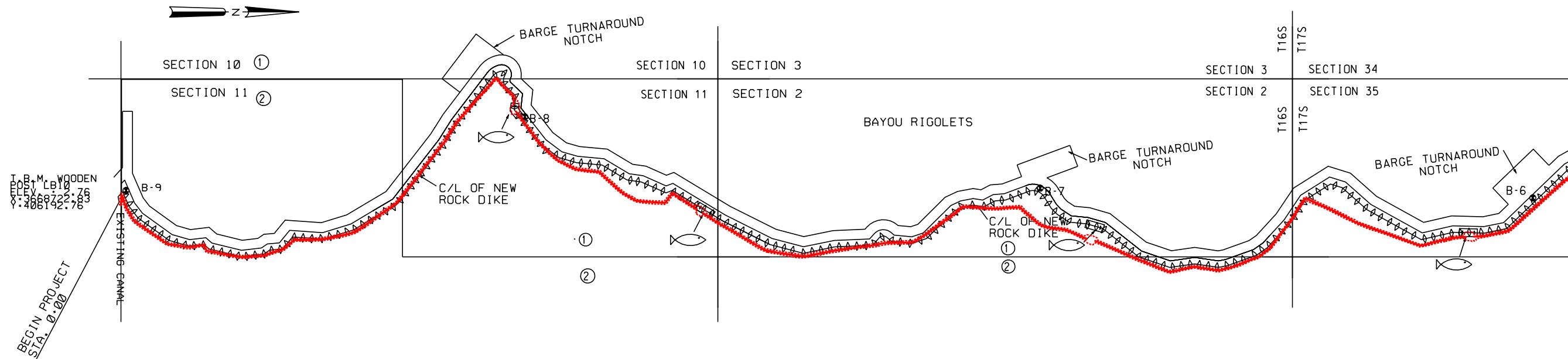
DESIGNED M. ROBERTS
CHECKED M. CHOPIN

DATE 1/04
SCALE AS SHOWN
SHEET NO. 1

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

CAD FILE NO.
DRAWING NO.
LA-352
SHEET NO 1 OF 29

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.

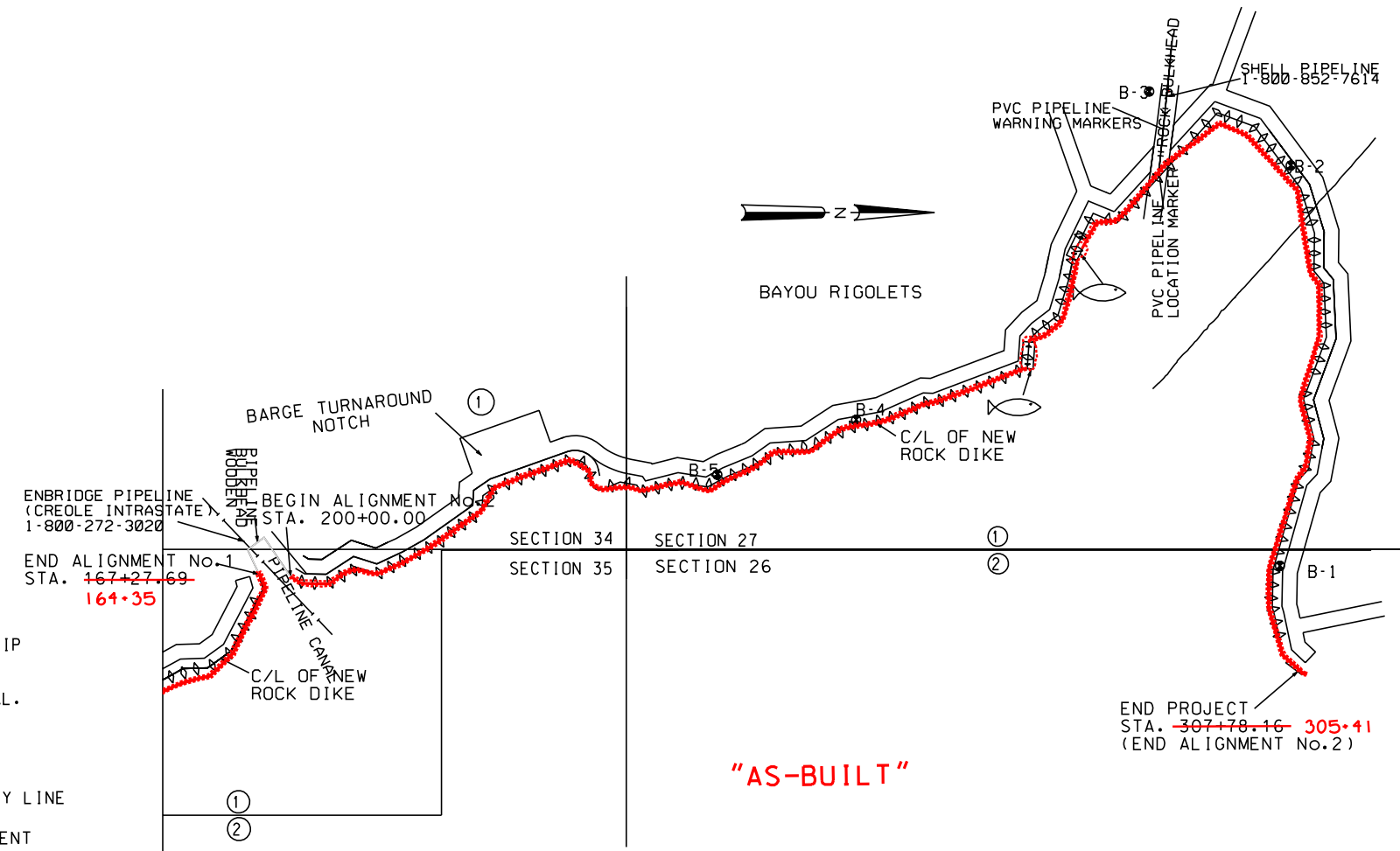
NOTE :
KNOWN PIPELINES AND UTILITIES ARE SHOWN ON THE PLANS. IT IS POSSIBLE THAT PIPELINES AND UTILITIES MAY EXIST THAT HAVE NOT BEEN SHOWN. THE CONTRACTOR SHALL BE ON THE ALERT FOR SUCH PIPELINES AND UTILITIES, AND SHALL REPORT THEM IMMEDIATELY TO THE CONTRACTING OFFICER.

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 CONTRACTING 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



"AS-BUILT"

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DESIGNED BY M. ROBERTS
CHECKED BY M. CHOPIN
DATE 08/04
SCALE AS SHOWN
SHEET NO. 2

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

NO.	DATE	APPR.	TITLE

CAD FILE NO.
DRAWING NO.
LA-352
Sht. 2 of 29



	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 INFORMATION 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
 CHECKED M. CHOPIN

DATE 1/04
 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

NO.	DATE	APPR.	TITLE

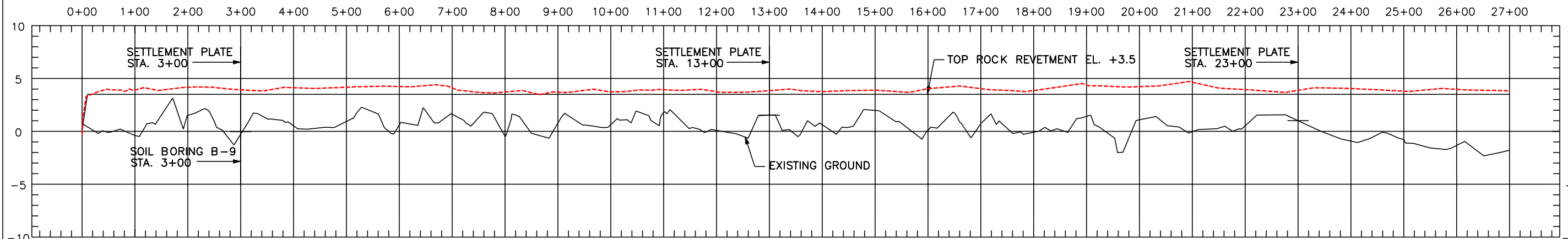
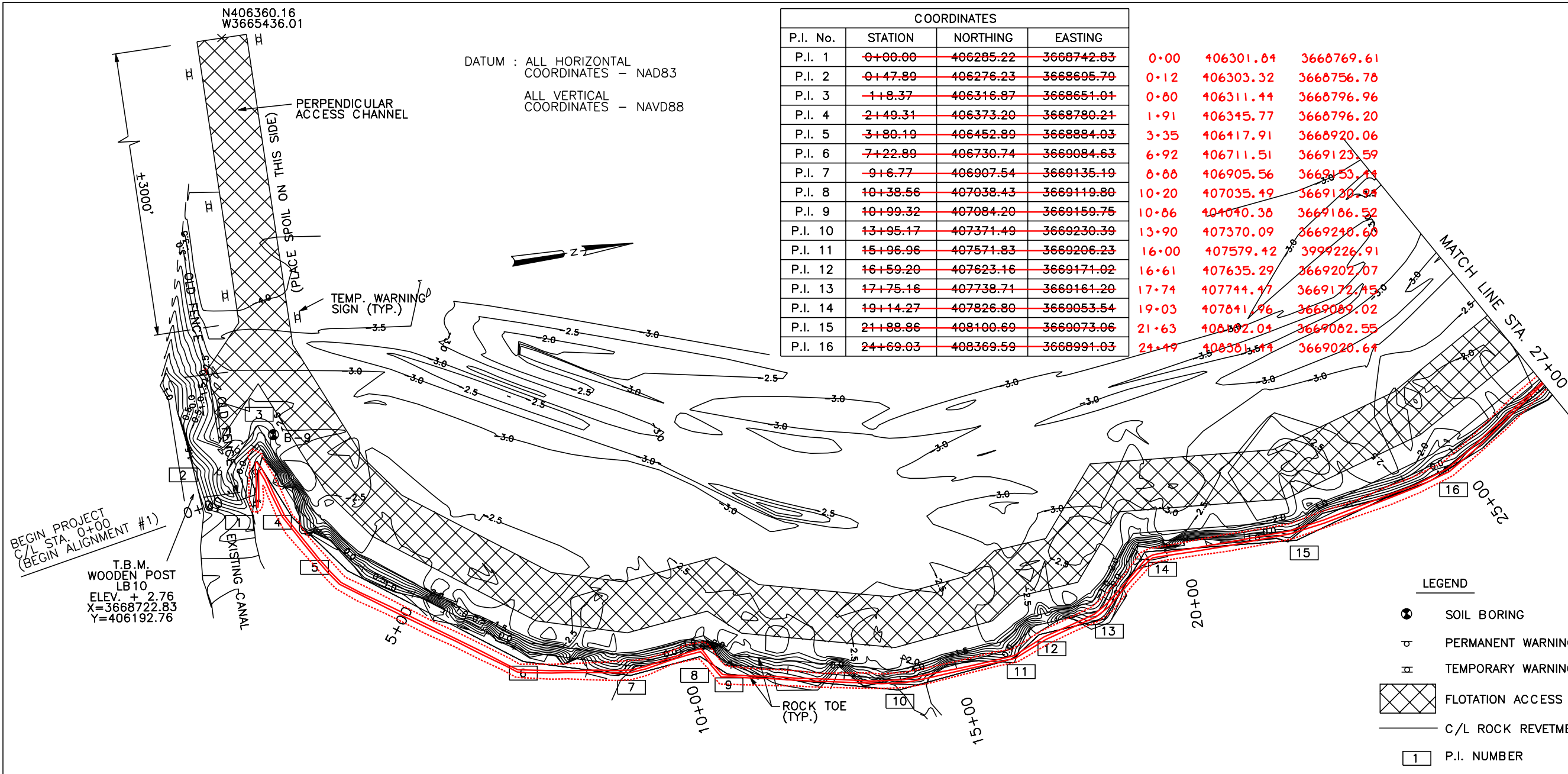
CAD FILE NO.
 DRAWING NO.
 LA-352
 Sht. 3 of 29

N406360.16
W3665436.01

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
P.I. 2	0+47.89	406276.23	3668695.79
P.I. 3	1+8.37	406316.87	3668651.01
P.I. 4	2+49.31	406373.20	3668780.21
P.I. 5	3+80.19	406452.89	3668884.03
P.I. 6	7+22.89	406730.74	3669084.63
P.I. 7	9+6.77	406907.54	3669135.19
P.I. 8	10+38.56	407038.43	3669119.80
P.I. 9	10+99.32	407084.20	3669159.75
P.I. 10	13+95.17	407371.49	3669230.39
P.I. 11	15+96.96	407571.83	3669206.23
P.I. 12	16+59.20	407623.16	3669171.02
P.I. 13	17+75.16	407738.71	3669161.20
P.I. 14	19+14.27	407826.80	3669053.54
P.I. 15	21+88.86	408100.69	3669073.06
P.I. 16	24+69.03	408369.59	3668991.03

0+00	406301.84	3668769.61
0+12	406303.32	3668756.78
0+60	406311.44	3668796.96
1+91	406345.77	3668796.20
3+35	406417.91	3668920.06
6+92	406711.51	3669123.59
8+88	406905.56	3669153.14
10+20	407035.49	3669139.84
10+86	407040.38	3669186.52
13+90	407370.09	3669240.60
16+00	407579.42	3669226.91
16+61	407635.29	3669202.07
17+74	407744.47	3669172.15
19+03	407841.46	3669089.02
21+63	408382.04	3669082.55
24+49	408381.514	3669020.64

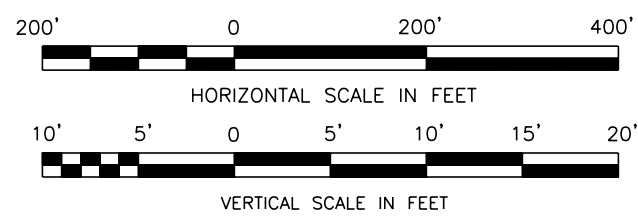


- LEGEND**
- ⊙ SOIL BORING
 - ⊕ PERMANENT WARNING SIGN
 - ⊕ TEMPORARY WARNING SIGN
 - ▨ FLOTATION ACCESS CHANNEL
 - C/L ROCK REVETMENT
 - 1 P.I. NUMBER

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

- NOTES:**
- P.I. COORDINATE LOCATIONS STAKED IN THE FIELD BY THE COTR MAY VARY SLIGHTLY FROM COORDINATES LISTED ABOVE DUE TO SHORELINE RECESSION.
 - FINAL SETTLEMENT PLATE LOCATION WILL BE STAKED IN THE FIELD BY COTR.

"AS-BUILT"



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DESIGNED BY: M. ROBERTS
CHECKED BY: M. CHOPIN
DATE: 1/04
SCALE: AS SHOWN
SHEET NO.: 4

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

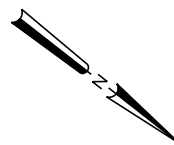
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

NO.	DATE	APPR.	TITLE

CAD FILE NO. _____
DRAWING NO. LA-352
SHT. 4 OF 29

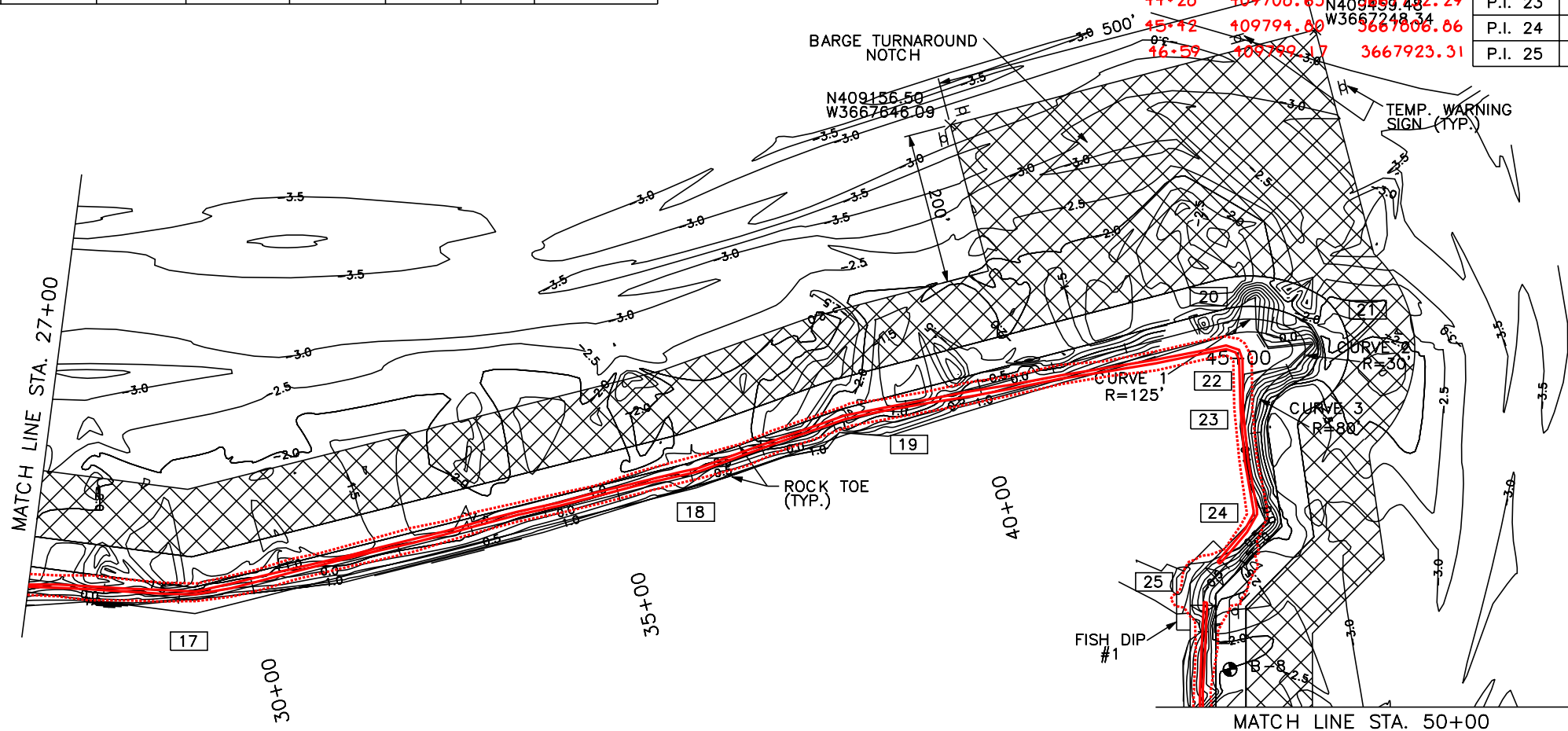
CURVE	PC STA.	PC		PT STA.	PT		L	T	Δ
		X	Y		X	Y			
1	43+42.24	3667811.40	409424.21	44+35.44	3667767.12	409503.78	93.20	48.89	42°43'13.7"
2	44+35.44	3667767.12	409503.78	44+98.60	3667813.18	409528.18	63.16	52.62	120°37'11.9"
3	44+98.60	3667813.18	409528.18	45+98.11	3667905.50	409541.10	99.51	57.35	71°16'1.8"

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

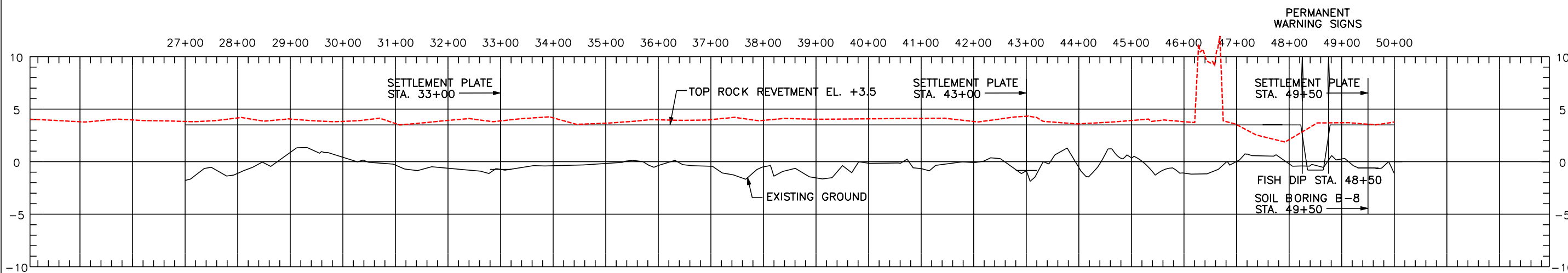


COORDINATES			
P.I. No.	STATION	NORTHING	EASTING
P.I. 17	29+20.27	406285.22	3668760.48
P.I. 18	36+11.39	409174.26	3668222.53
P.I. 19	38+12.41	409286.98	3668044.15
P.I. 20	43+42.24	409608.04	3667622.66
P.I. 21	44+35.44	409687.60	3667570.38
P.I. 22	44+98.60	409712.00	3667624.44
P.I. 23	45.98+11	409724.92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

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
	P.I. NUMBER



NOTES:

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DATE 1/04
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SHEET NO. 5

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

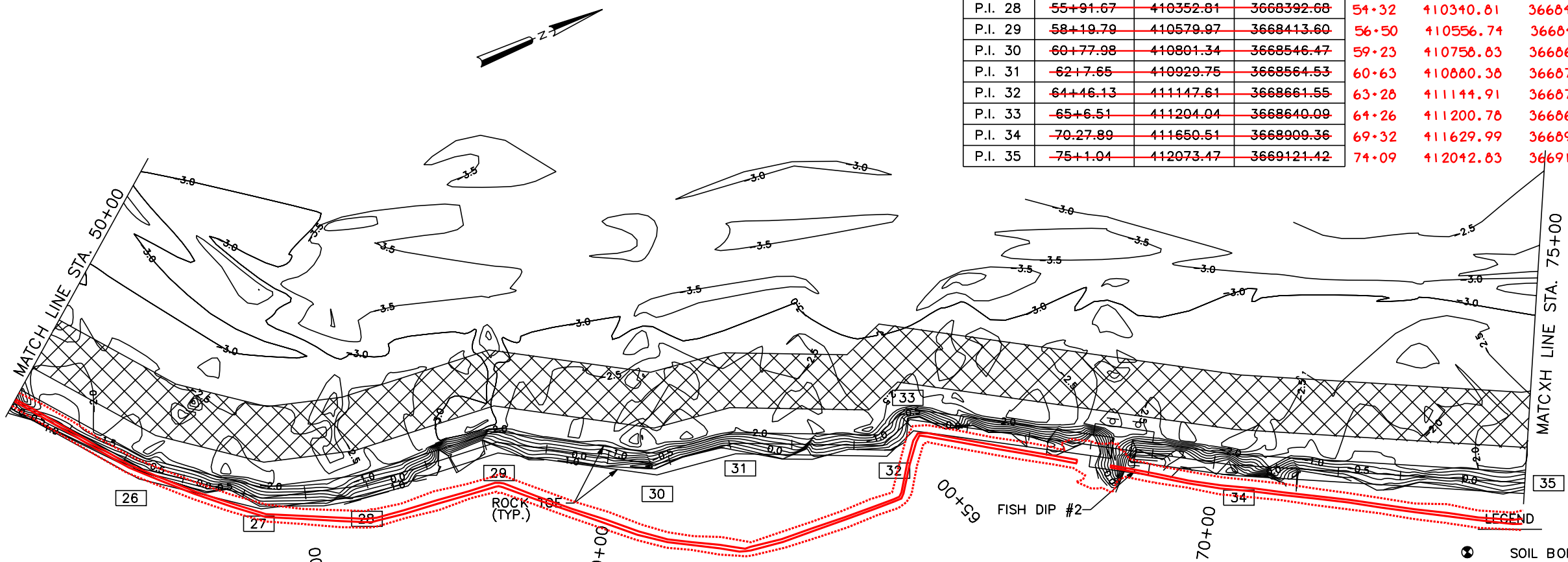
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

NO.	DATE	APPR.	TITLE

CAD FILE NO.
DRAWING NO.
LA-352
SHT. 5 OF 29

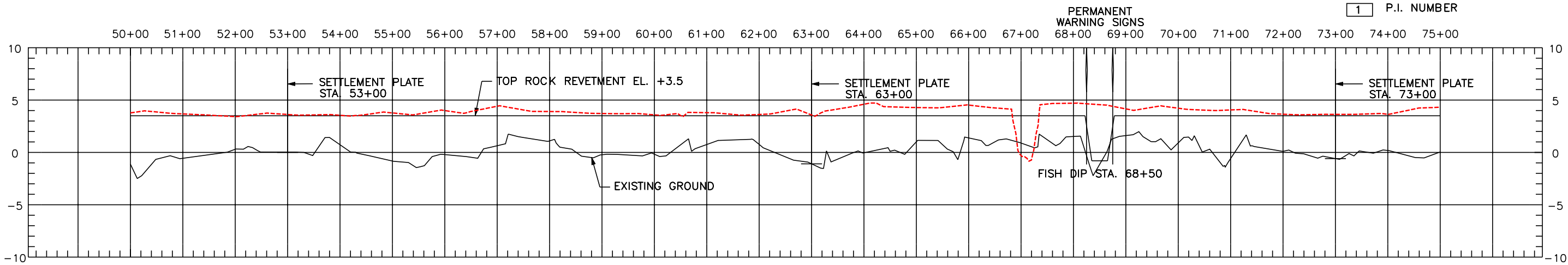
COORDINATES			
P.I. No.	STATION	NORTHING	EASTING
P.I. 26	52+33.00	410039.77	3668230.14
P.I. 27	54+29.82	410197.15	3668348.33
P.I. 28	55+91.67	410352.81	3668392.68
P.I. 29	58+19.79	410579.97	3668413.60
P.I. 30	60+77.98	410801.34	3668546.47
P.I. 31	62+7.65	410929.75	3668564.53
P.I. 32	64+46.13	411147.61	3668661.55
P.I. 33	65+6.51	411204.04	3668640.09
P.I. 34	70+27.89	411650.51	3668909.36
P.I. 35	75+1.04	412073.47	3669121.42

50+50	410031.02	3668238.76
52+55	410183.75	3668374.94
54+32	410340.81	3668457.65
56+50	410556.74	3668483.81
59+23	410758.83	3668666.86
60+63	410880.38	3668737.59
63+28	411144.91	3668757.13
64+26	411200.78	3668677.49
69+32	411629.99	3668946.78
74+09	412042.83	3669185.47



- LEGEND**
- SOIL BORING
 - PERMANENT WARNING SIGN
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 - FLOTATION ACCESS CHANNEL
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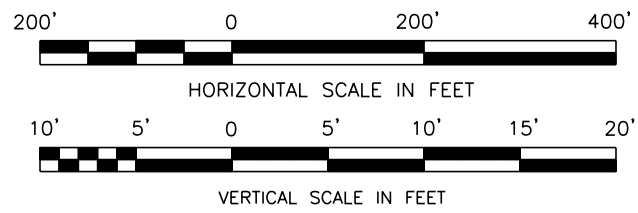
NOTE: SEE DWG. 26 OF 29 FOR FISH DIP DETAILS



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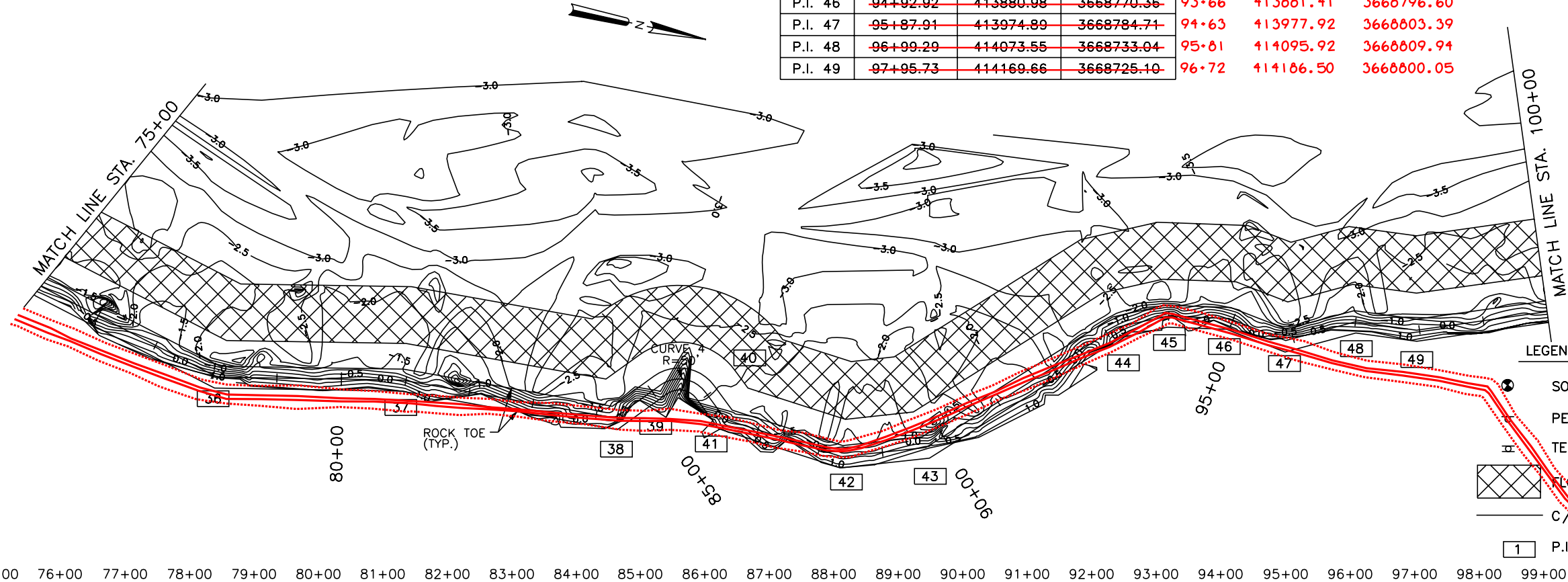
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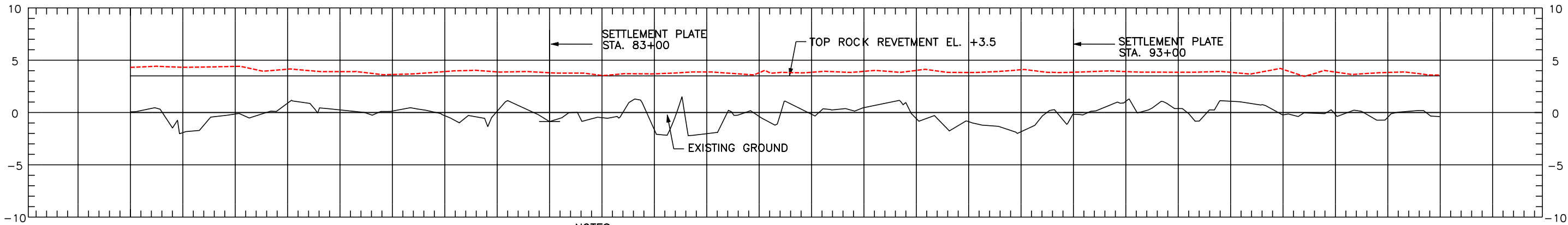


CURVE	PC STA.	PC		PT STA.	PT		L	T	Δ
		X	Y		X	Y			
4	85+16.32	3669062.26	413043.30	85+94.39	3669057.83	413113.54	78.07	49.54	89°28'0.4"

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



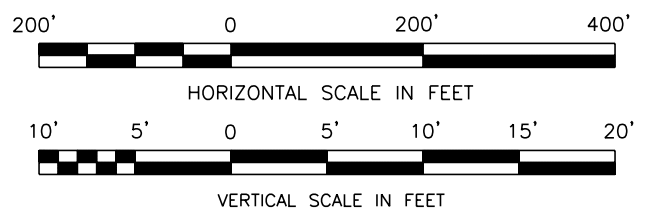
- LEGEND
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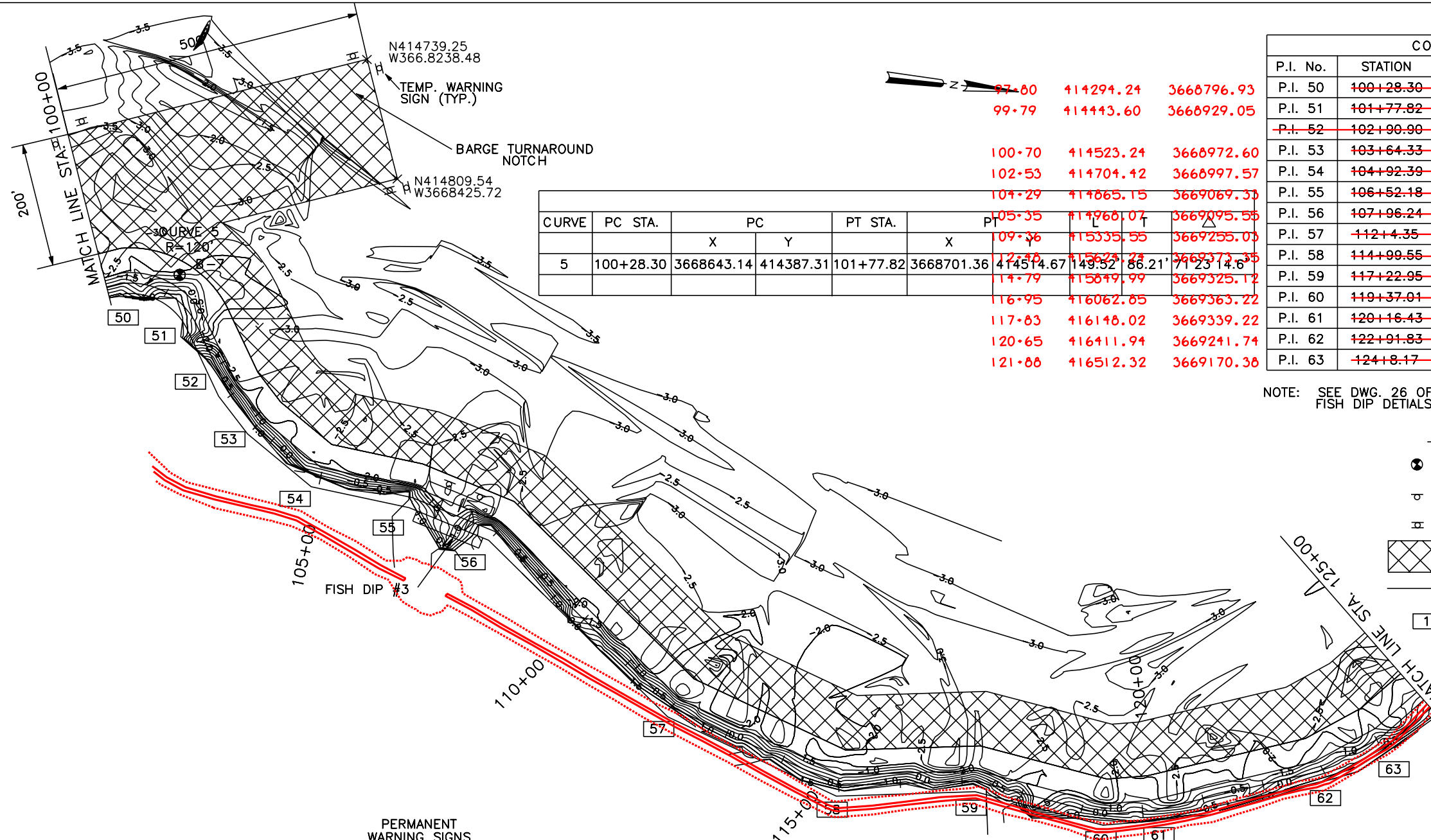
DATE: 1/04
SCALE: AS SHOWN
SHEET NO.: 7

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

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

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SHT. 7 OF 29



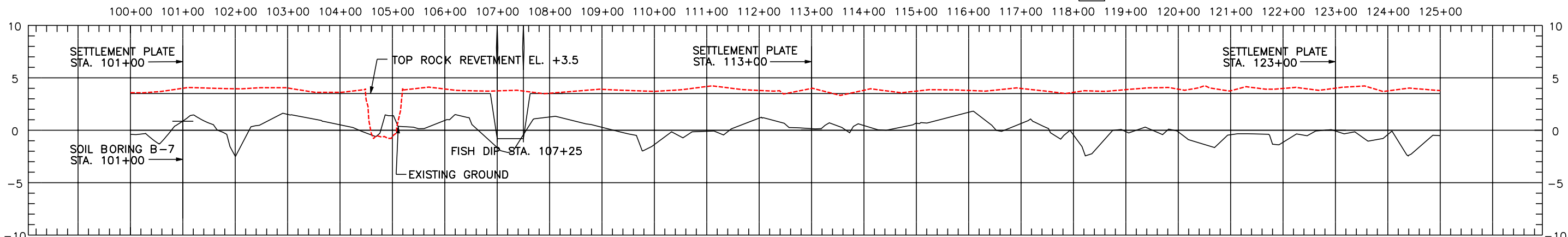
CURVE	PC STA.	PC		PT STA.	PT
		X	Y		
5	100+28.30	3668643.14	414387.31	101+77.82	3668701.36

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+190.90	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	3669069.35	
105-35	414966.07	3669095.55	
109-36	415335.55	3669255.05	
121-88	416512.32	3669170.38	

NOTE: SEE DWG. 26 OF 29
FISH DIP DETAILS

LEGEND

- SOIL BORING
- PERMANENT WARNING SIGN
- TEMPORARY WARNING SIGN
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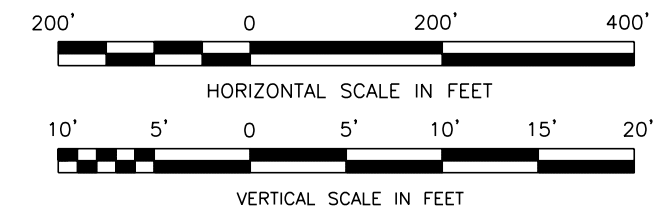


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DESIGNED M. ROBERTS
CHECKED M. CHOPIN

DATE 1/04
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SHEET NO. 8

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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

NOTE: SEE DWG. 26 OF 29
FISH DIP DETAILS

LEGEND

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

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

DESIGNED M. ROBERTS
CHECKED M. CHOPIN

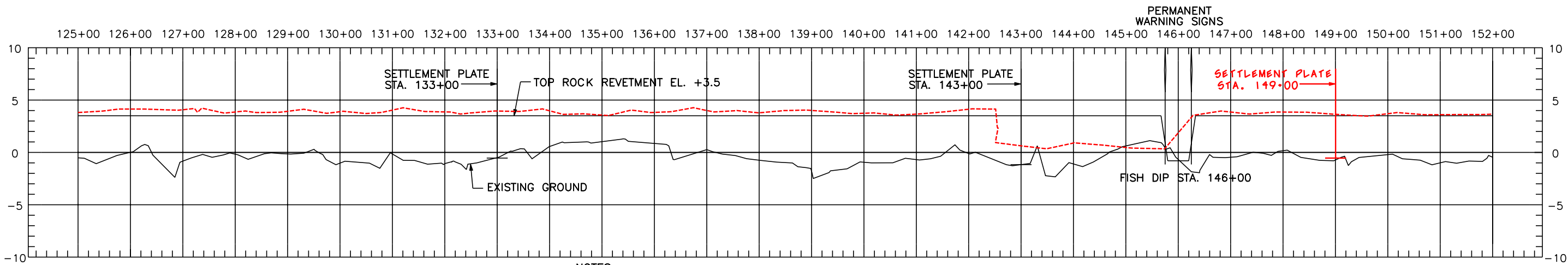
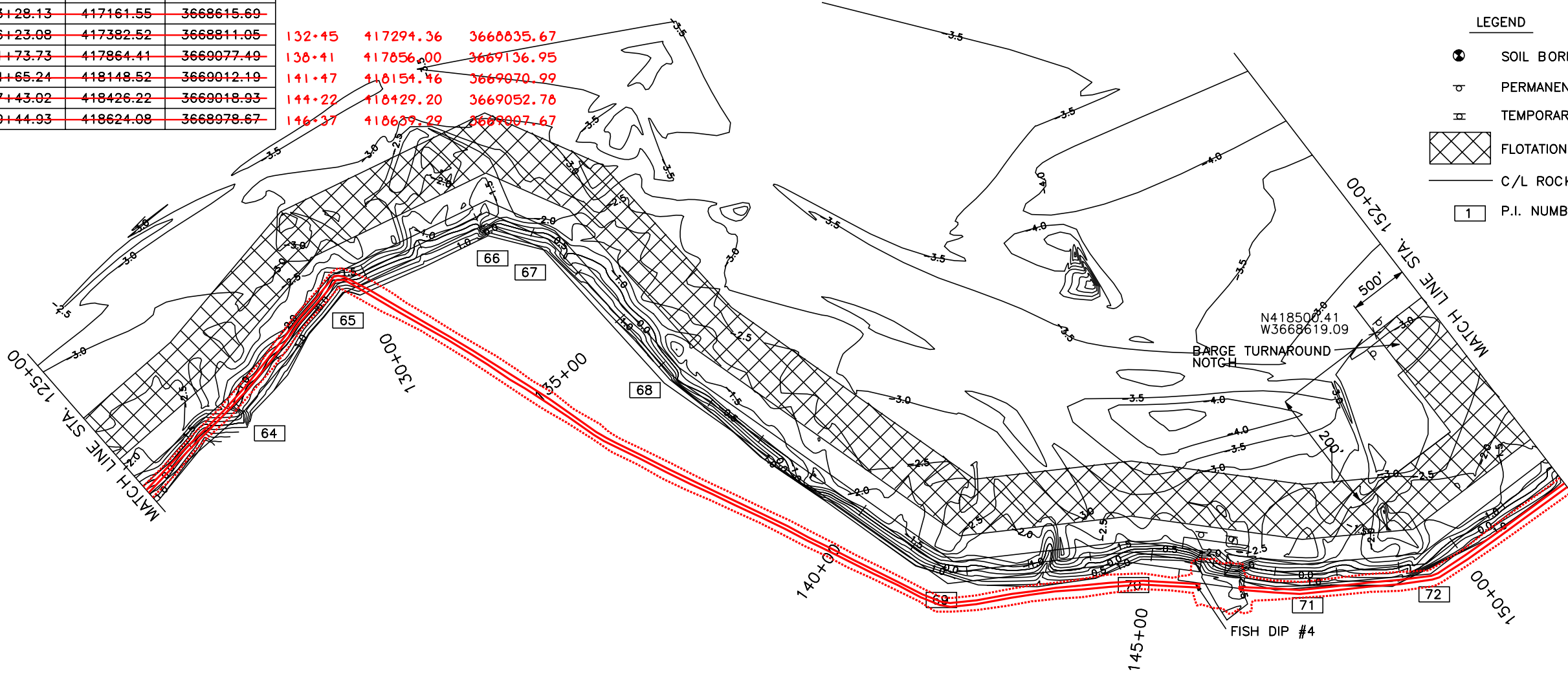
DATE 1/04
SCALE AS SHOWN
SHEET NO. 9

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

NO.	DATE	APPR.	TITLE

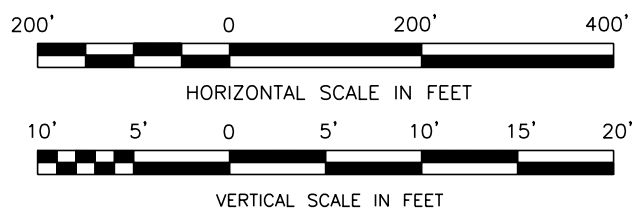
CAD FILE NO.
DRAWING NO.
LA-352
SHT. 9 OF 29

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



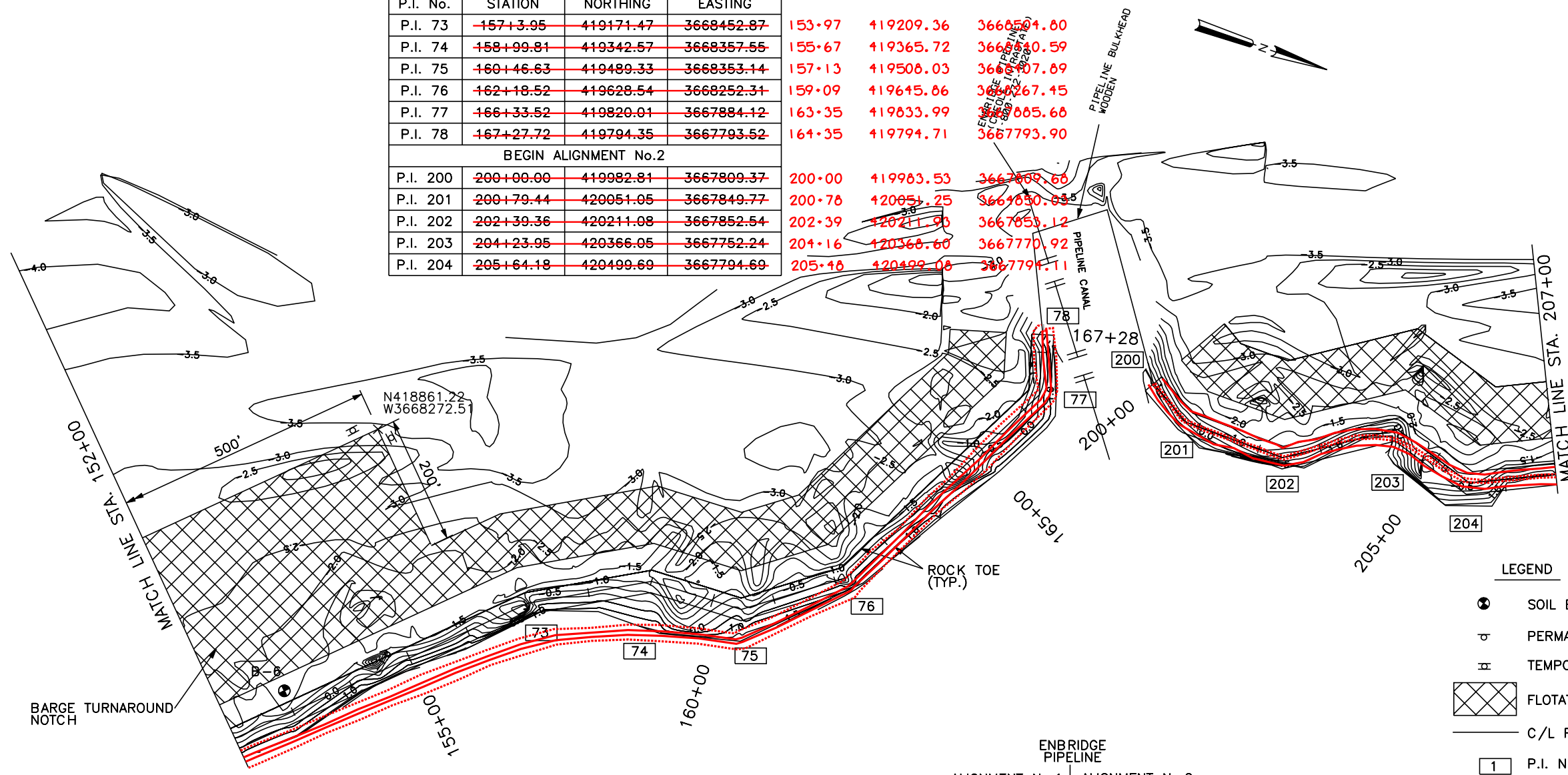
- NOTES:
- P.I. COORDINATE LOCATIONS STAKED IN THE FIELD BY THE COTR MAY VARY SLIGHTLY FROM COORDINATES LISTED ABOVE DUE TO SHORELINE RESSION.
 - FINAL SETTLEMENT PLATE LOCATION WILL BE STAKED IN THE FIELD BY COTR.

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

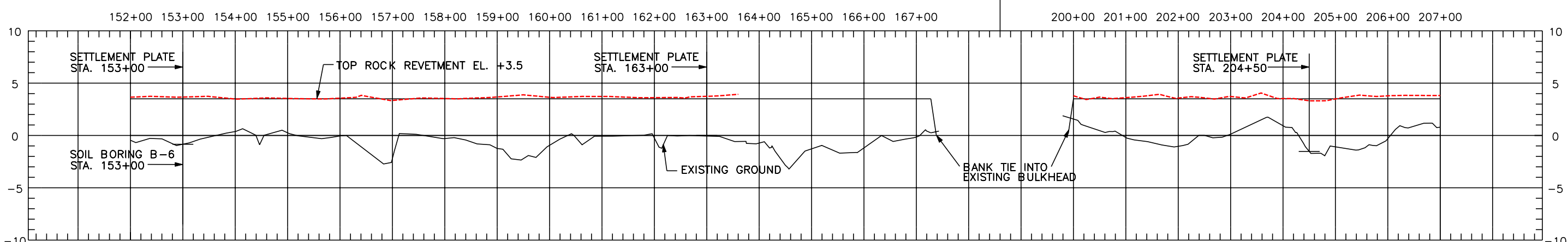


"AS-BUILT"

COORDINATES			
P.I. No.	STATION	NORTHING	EASTING
P.I. 73	157+3.95	419171.47	3668452.87
P.I. 74	158+99.81	419342.57	3668357.55
P.I. 75	160+46.63	419489.33	3668353.14
P.I. 76	162+18.52	419628.54	3668252.31
P.I. 77	166+33.52	419820.01	3667884.12
P.I. 78	167+27.72	419794.35	3667793.52
BEGIN ALIGNMENT No.2			
P.I. 200	200+00.00	419982.81	3667809.37
P.I. 201	200+79.44	420051.05	3667849.77
P.I. 202	202+39.36	420211.08	3667852.54
P.I. 203	204+23.95	420366.05	3667752.24
P.I. 204	205+64.18	420499.69	3667794.69

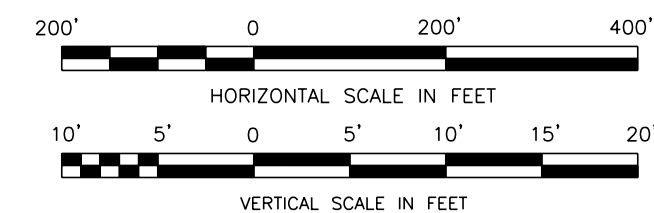


- LEGEND**
- ⊗ SOIL BORING
 - ⊕ PERMANENT WARNING SIGN
 - ⊞ TEMPORARY WARNING SIGN
 - ▨ FLOTATION ACCESS CHANNEL
 - C/L ROCK REVETMENT
 - 1 P.I. NUMBER



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

DESIGNED BY: M. ROBERTS
CHECKED BY: M. CHOPIN

DATE: 1/04
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

NO.	DATE	APPR.	TITLE

CAD FILE NO. _____
DRAWING NO. LA-352
SHT. 10 OF 29

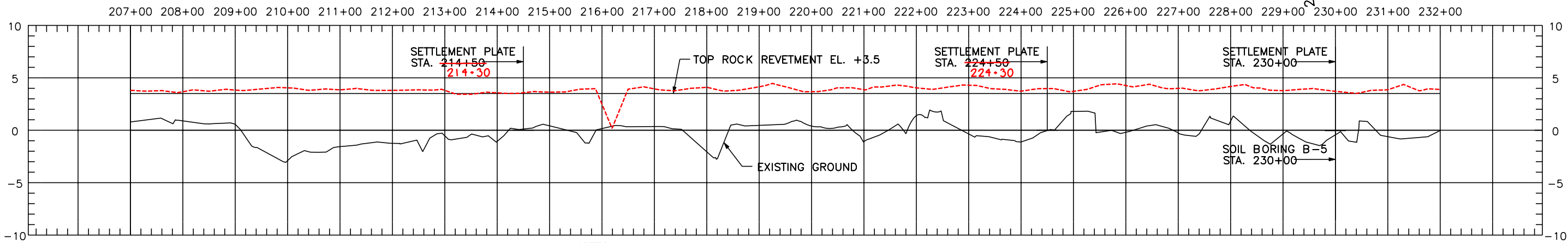
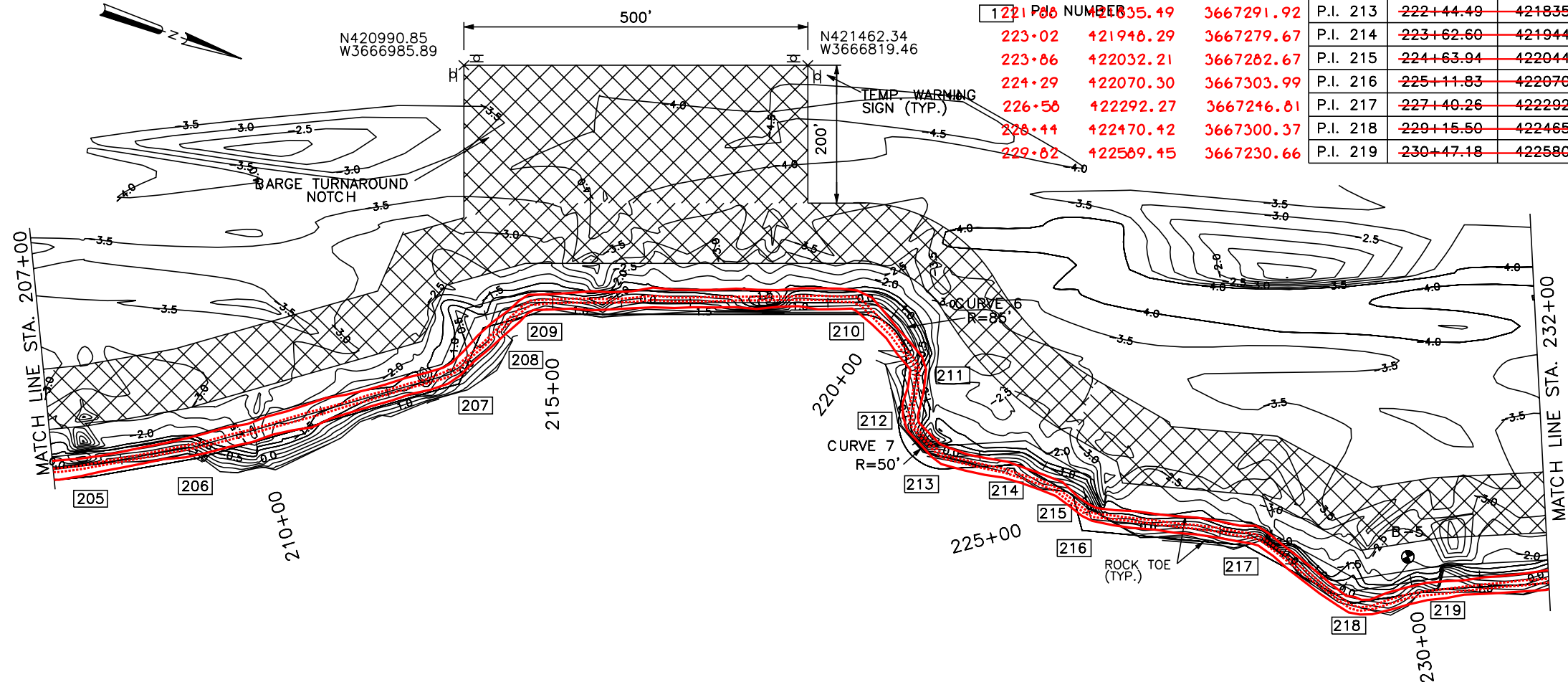
CURVE	PC STA.	PC		PT STA.	PT		L	T	Δ
		X	Y		X	Y			
6	219+49.40	3667118.52	421651.21	220+93.33	3667184.84	421759.92	143.93'	96.11'	97°01'16.5"
7	221+67.01	3667256.98	421774.88	222+44.49	3667291.92	421835.49	77.48'	48.95'	88°46'46.6"

LEGEND

- 207+43 420675.79 3667713.05 SOIL BORING
- 206+95 420808.61 3667638.21 SOIL BORING
- ⊕ 212 PERMANENT WARNING SIGN 3667415.70
- ⊖ 213+58 421159.05 3667347.17 TEMPORARY WARNING SIGN
- ⊗ 214+36 421197.03 3667279.21 TEMPORARY WARNING SIGN
- ⊠ 219 FLOTATION ACCESS CHANNEL 10.86
- ▨ 220+44 421759.92 3667184.84 C/L ROCK REVETMENT
- ▩ 221+16 421774.88 3667256.98 C/L ROCK REVETMENT
- 121 P&E NUMBER 35.49 3667291.92
- 223+02 421948.29 3667279.67
- 223+86 422032.21 3667282.67
- 224+29 422070.30 3667303.99
- 226+58 422292.27 3667246.81
- 228+44 422470.42 3667300.37
- 229+82 422589.45 3667230.66

COORDINATES

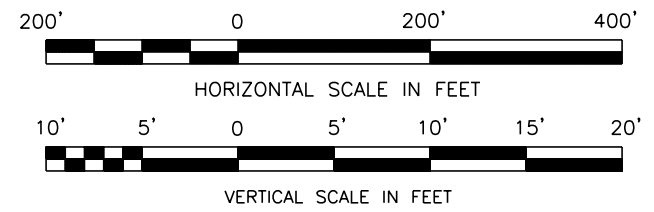
P.I. No.	STATION	NORTHING	EASTING
P.I. 205	207+58.05	420675.36	3667712.66
P.I. 206	209+10.65	420808.36	3667637.85
P.I. 207	212+94.87	421121.78	3667415.59
P.I. 208	213+83.67	421128.05	3667327.02
P.I. 209	214+68.22	421197.51	3667278.80
P.I. 210	219+49.40	421651.21	3667118.52
P.I. 211	220+93.33	421759.92	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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DESIGNED BY: M. ROBERTS
CHECKED BY: M. CHOPIN

DATE: 1/04
SCALE: AS SHOWN
SHEET NO.: 11

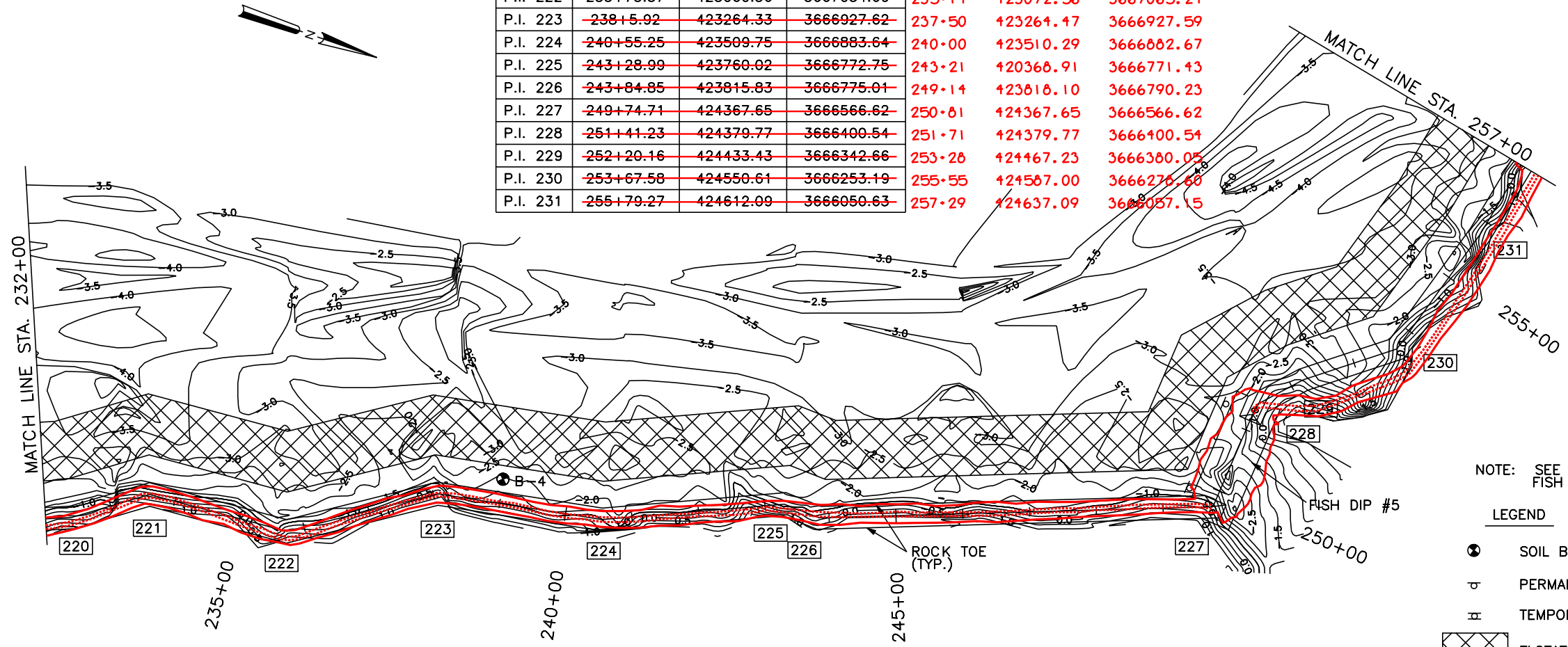
PLAN AND PROFILE
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU6
JEFFERSON PARISH, LA.

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

NO.	DATE	APPR.	TITLE

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

COORDINATES			
P.I. No.	STATION	NORTHING	EASTING
P.I. 220	232+39.17	422758.49	3667140.17
P.I. 221	233+60.68	422857.39	3667060.59
P.I. 222	235+73.37	423069.56	3667054.69
P.I. 223	238+5.92	423264.33	3666927.62
P.I. 224	240+55.25	423509.75	3666883.64
P.I. 225	243+28.99	423760.02	3666772.75
P.I. 226	243+84.85	423815.83	3666775.01
P.I. 227	249+74.71	424367.65	3666566.62
P.I. 228	251+41.23	424379.77	3666400.54
P.I. 229	252+20.16	424433.43	3666342.66
P.I. 230	253+67.58	424550.61	3666253.19
P.I. 231	255+79.27	424612.09	3666050.63

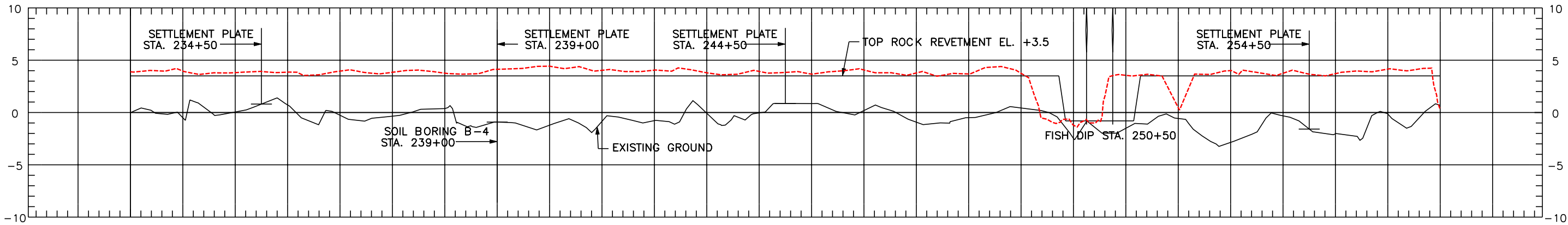


NOTE: SEE DWG. 26 OF 29
FISH DIP DETAILS

LEGEND

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

PERMANENT WARNING SIGNS
232+00 233+00 234+00 235+00 236+00 237+00 238+00 239+00 240+00 241+00 242+00 243+00 244+00 245+00 246+00 247+00 248+00 249+00 250+00 251+00 252+00 253+00 254+00 255+00 256+00 257+00

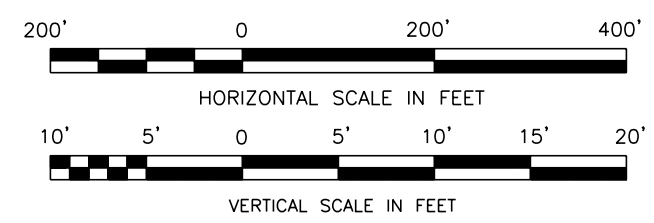


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DESIGNED BY: M. ROBERTS
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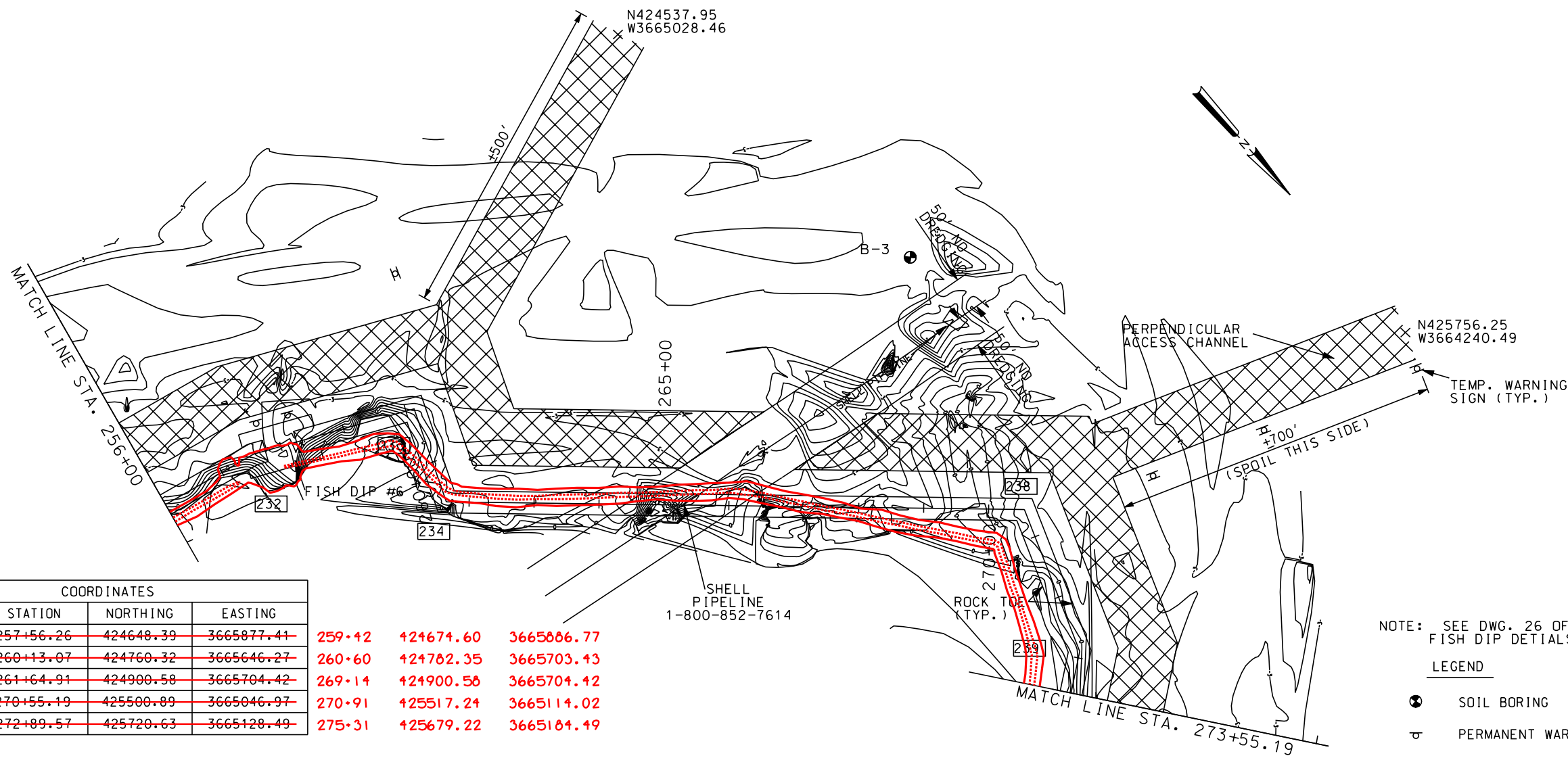
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SCALE: AS SHOWN
SHEET NO.: 12

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

CAD FILE NO. _____
DRAWING NO. LA-352
SHT. 12 OF 29

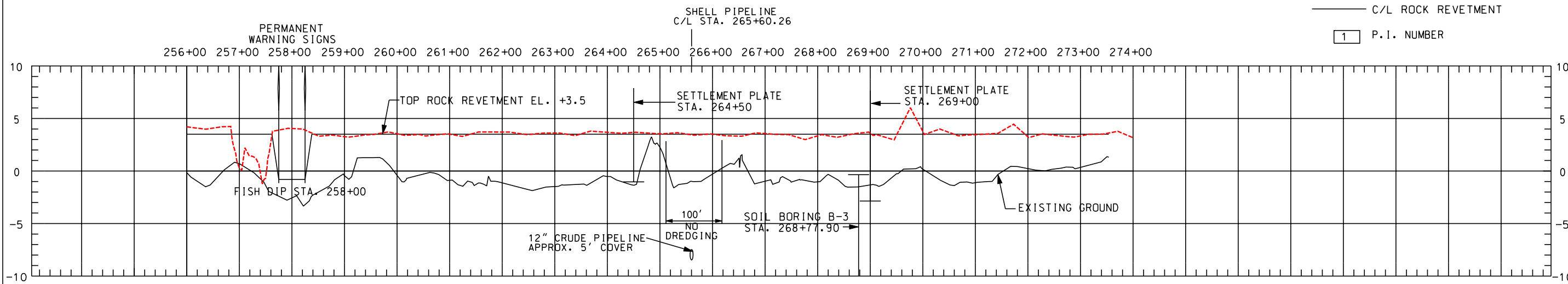


COORDINATES			
P.I. No.	STATION	NORTHING	EASTING
P.I. 232	257+56.26	424648.39	3665877.41
P.I. 233	260+13.07	424760.32	3665646.27
P.I. 234	261+64.91	424900.58	3665704.42
P.I. 238	270+55.19	425500.89	3665046.97
P.I. 239	272+89.57	425720.63	3665128.49

259+12	421674.60	3665886.77
260+60	421782.35	3665703.13
269+14	421900.58	3665704.42
270+91	425517.24	3665114.02
275+31	425679.22	3665184.49

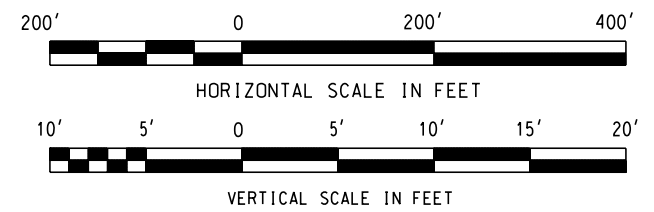
NOTE: SEE DWG. 26 OF 29
FISH DIP DETAILS

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



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DESIGNED M. ROBERTS
CHECKED M. CHOPIN

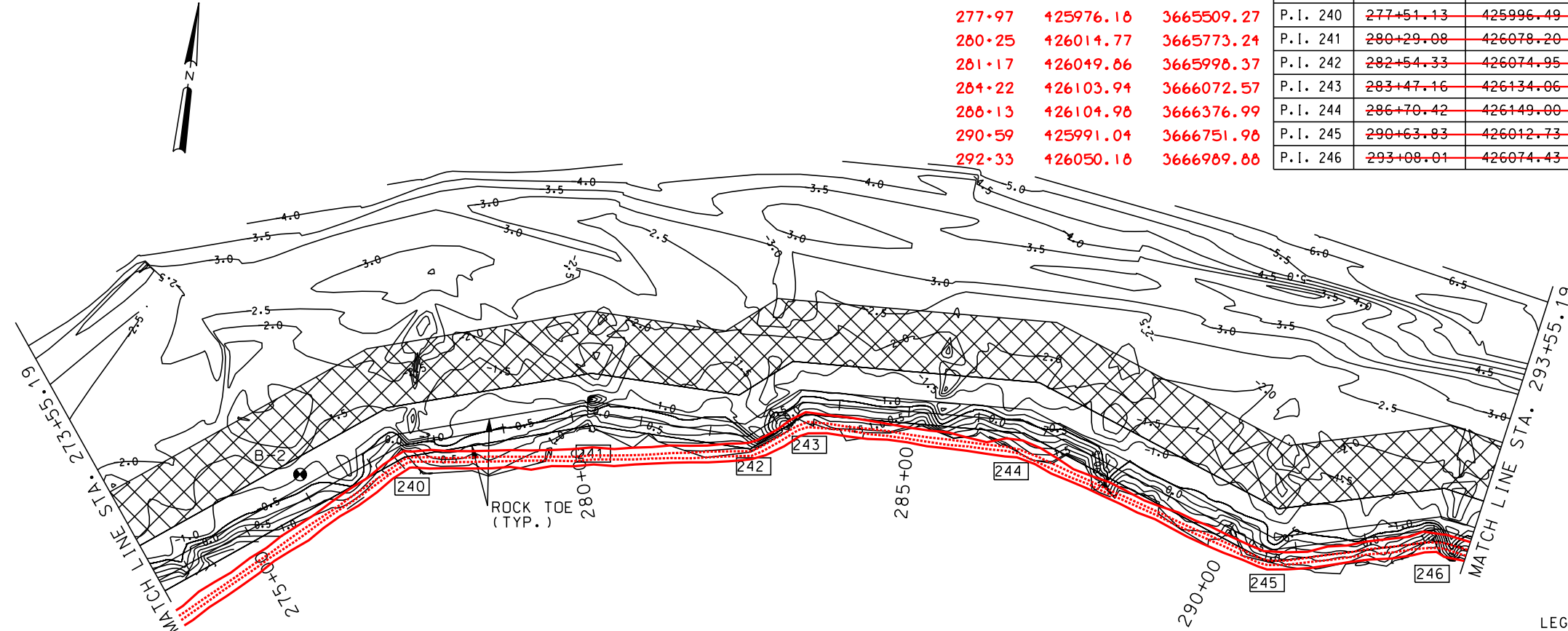
DATE 1/04
SCALE AS SHOWN
SHEET NO. 13

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

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

NO.	DATE	TITLE

CAD FILE NO.
DRAWING NO.
LA-352
SHT. 13 OF 29

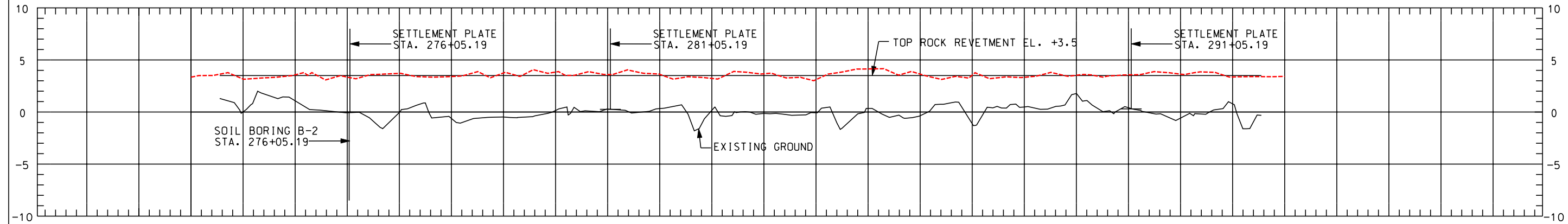


277+97	425976.18	3665509.27
280+25	426014.77	3665773.24
281+17	426049.86	3665998.37
284+22	426103.94	3666072.57
288+13	426104.98	3666376.99
290+59	425991.04	3666751.98
292+33	426050.18	3666989.88

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**
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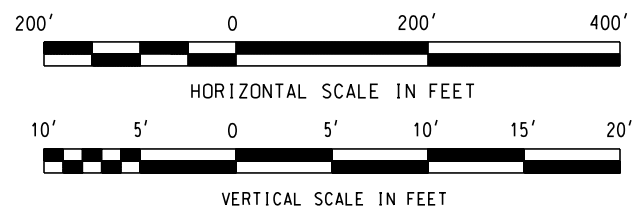
273+00 274+00 275+00 276+00 277+00 278+00 279+00 280+00 281+00 282+00 283+00 284+00 285+00 286+00 287+00 288+00 289+00 290+00 291+00 292+00 293+00 294+00



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(504) 486-9901 FAX (504) 486-1714

DESIGNED: M. ROBERTS
CHECKED: M. CHOPIN

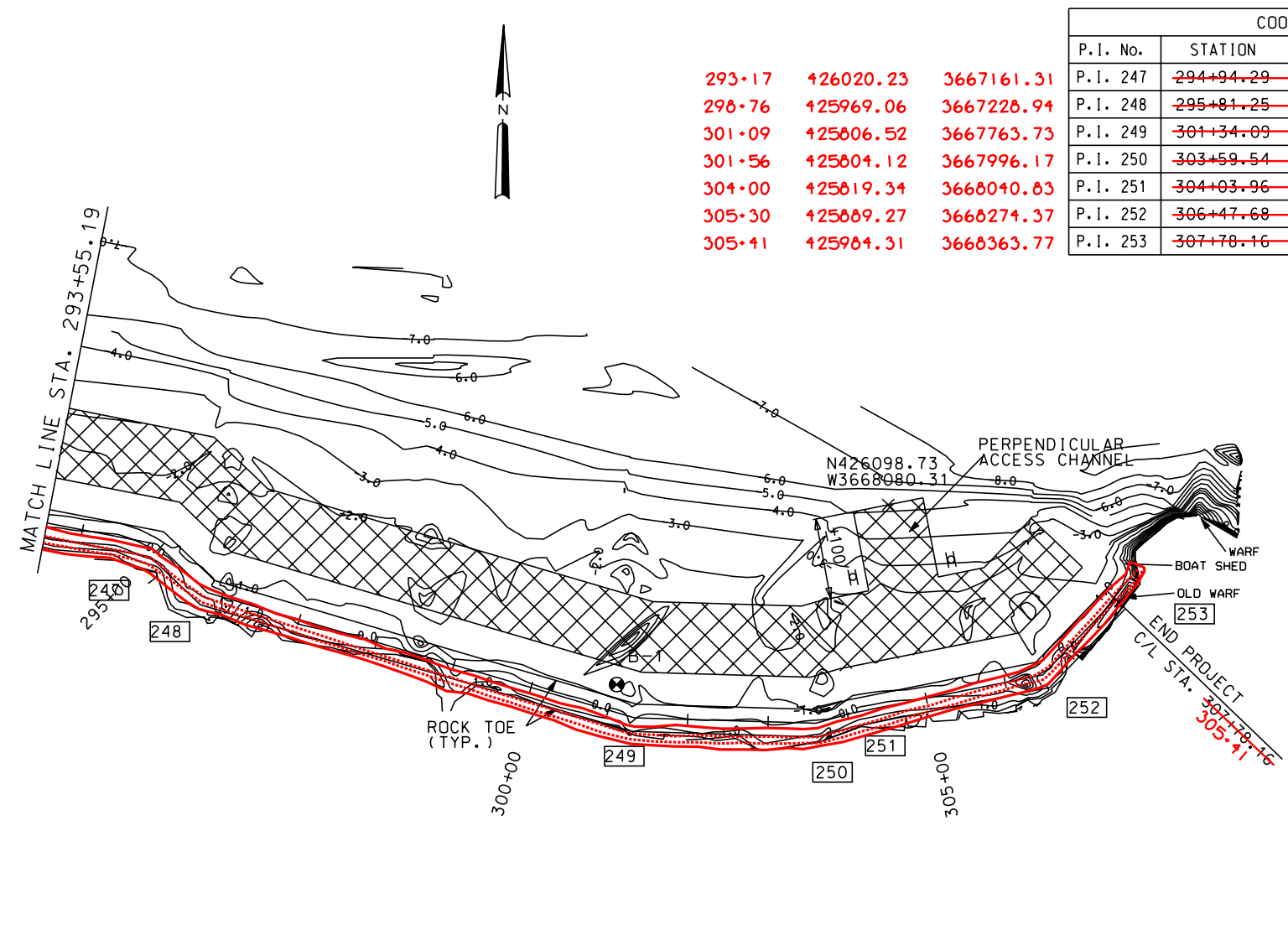
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SCALE: AS SHOWN
SHEET NO.: 14

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

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

NO.	DATE	TITLE

CAD FILE NO.
DRAWING NO.
LA-352
SHT. 14 OF 29



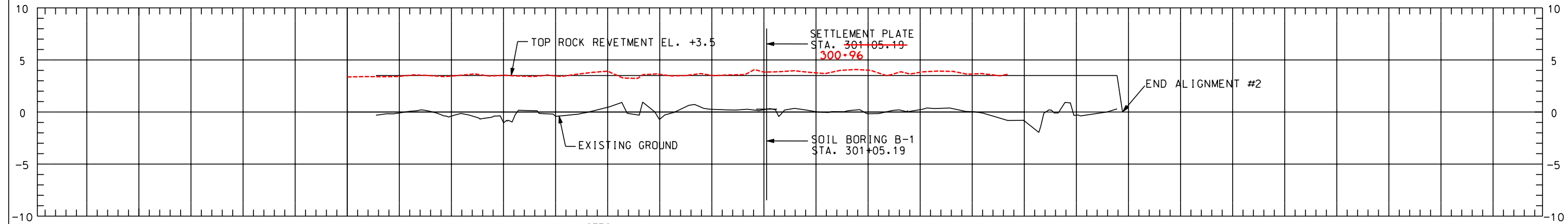
P.I. No.	STATION	NORTHING	EASTING
293+17	426020.23	3667161.31	
296+76	425969.06	3667228.94	
301+09	425806.52	3667763.73	
301+56	425804.12	3667996.17	
304+00	425819.34	3668040.83	
305+30	425889.27	3668274.37	
305+41	425984.31	3668363.77	

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 WARF SHALL BE MAINTAINED DURING CONSTRUCTION FOR USE BY CAMP OWNER.

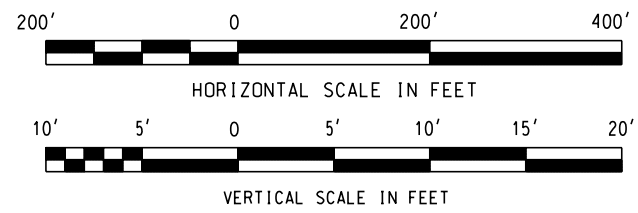
- LEGEND**
- SOIL BORING
 - ⊕ PERMANENT WARNING SIGN
 - ⊕ TEMPORARY WARNING SIGN
 - ▨ FLOTATION ACCESS CHANNEL
 - C/L ROCK REVETMENT
 - 1 P.I. NUMBER

293+00 294+00 295+00 296+00 297+00 298+00 299+00 300+00 301+00 302+00 303+00 304+00 305+00 306+00 307+00 308+00



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"AS-BUILT"



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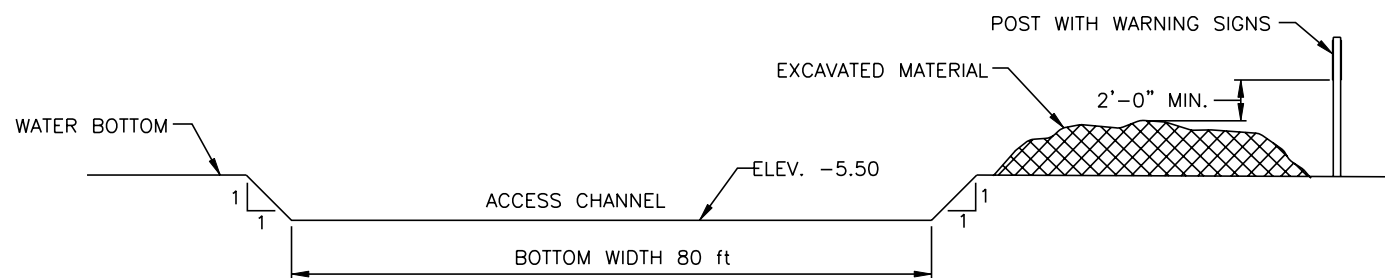
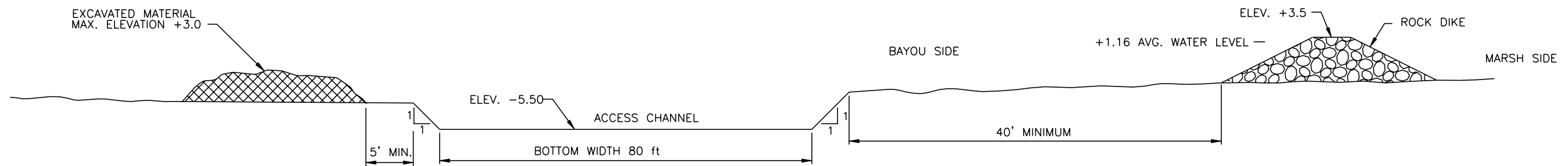
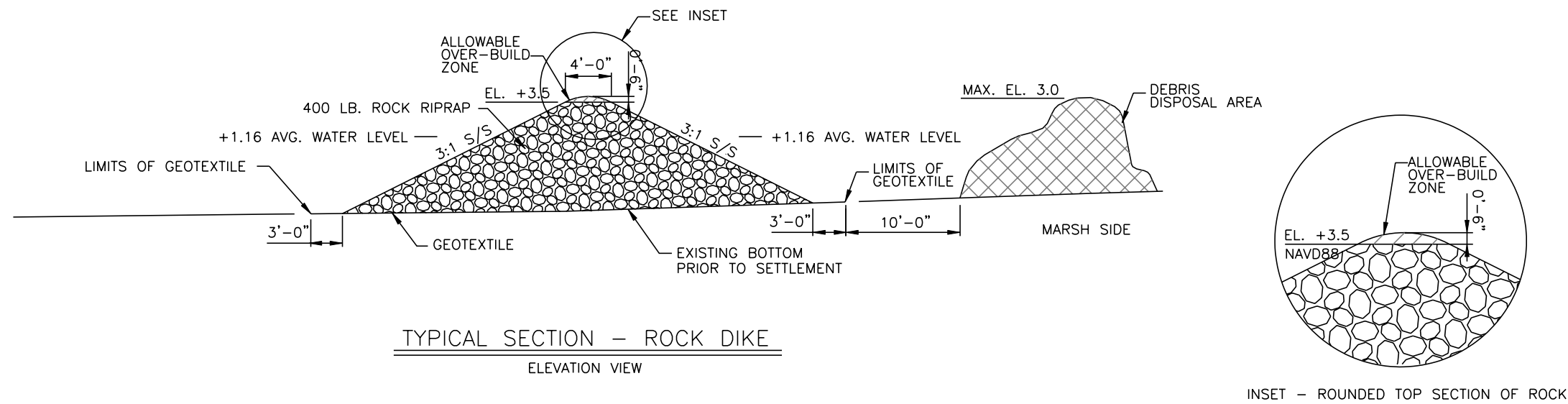
DATE: 1/04
SCALE: AS SHOWN
SHEET NO.: 15

PLANNING 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

CAD FILE NO.
DRAWING NO.
LA-352
SHT. 15 OF 29



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.

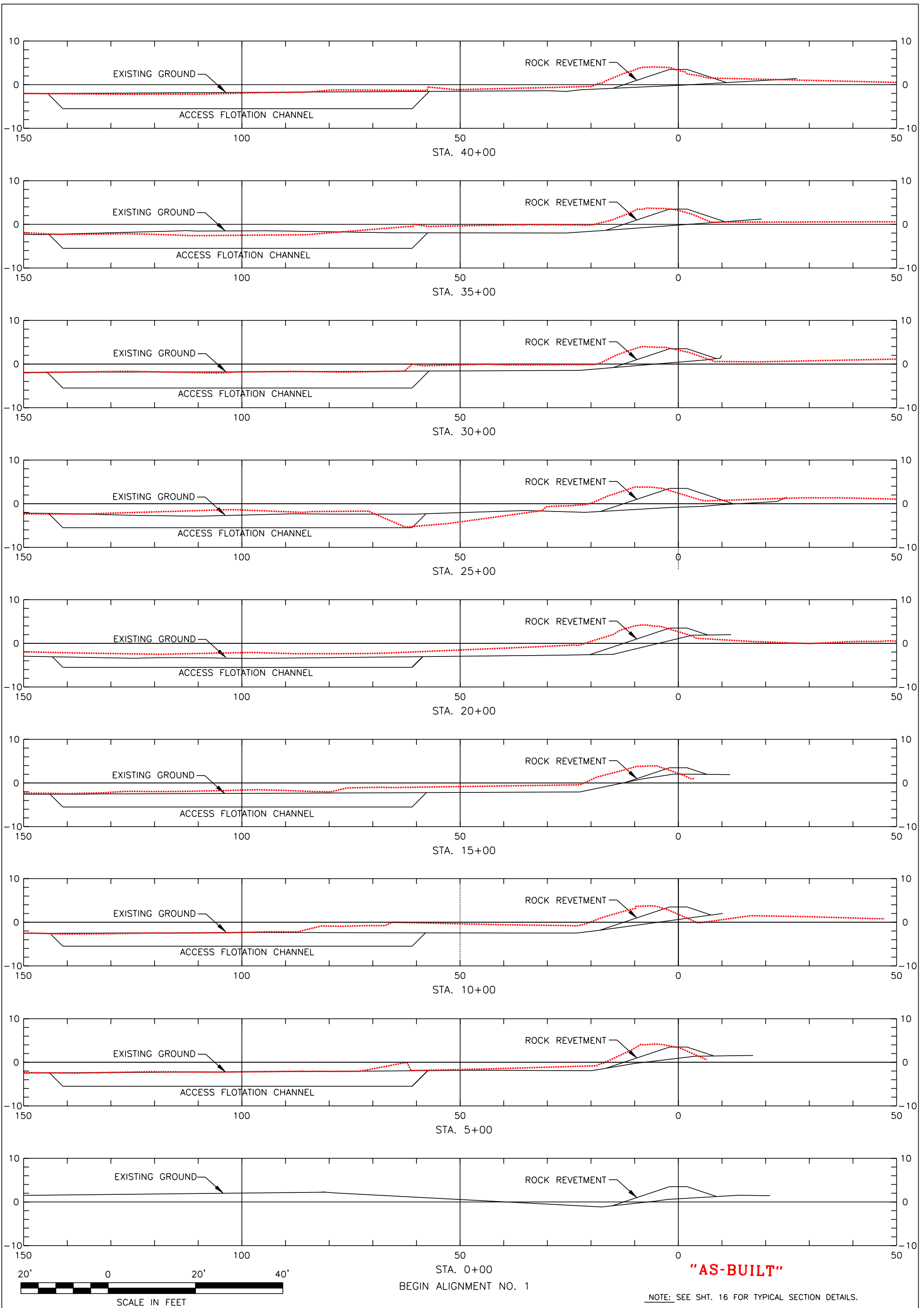
"AS-BUILT"

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 (504) 486-5901 FAX (504) 486-1714
 DATE 1/04
 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

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

Sht. 17 of 29

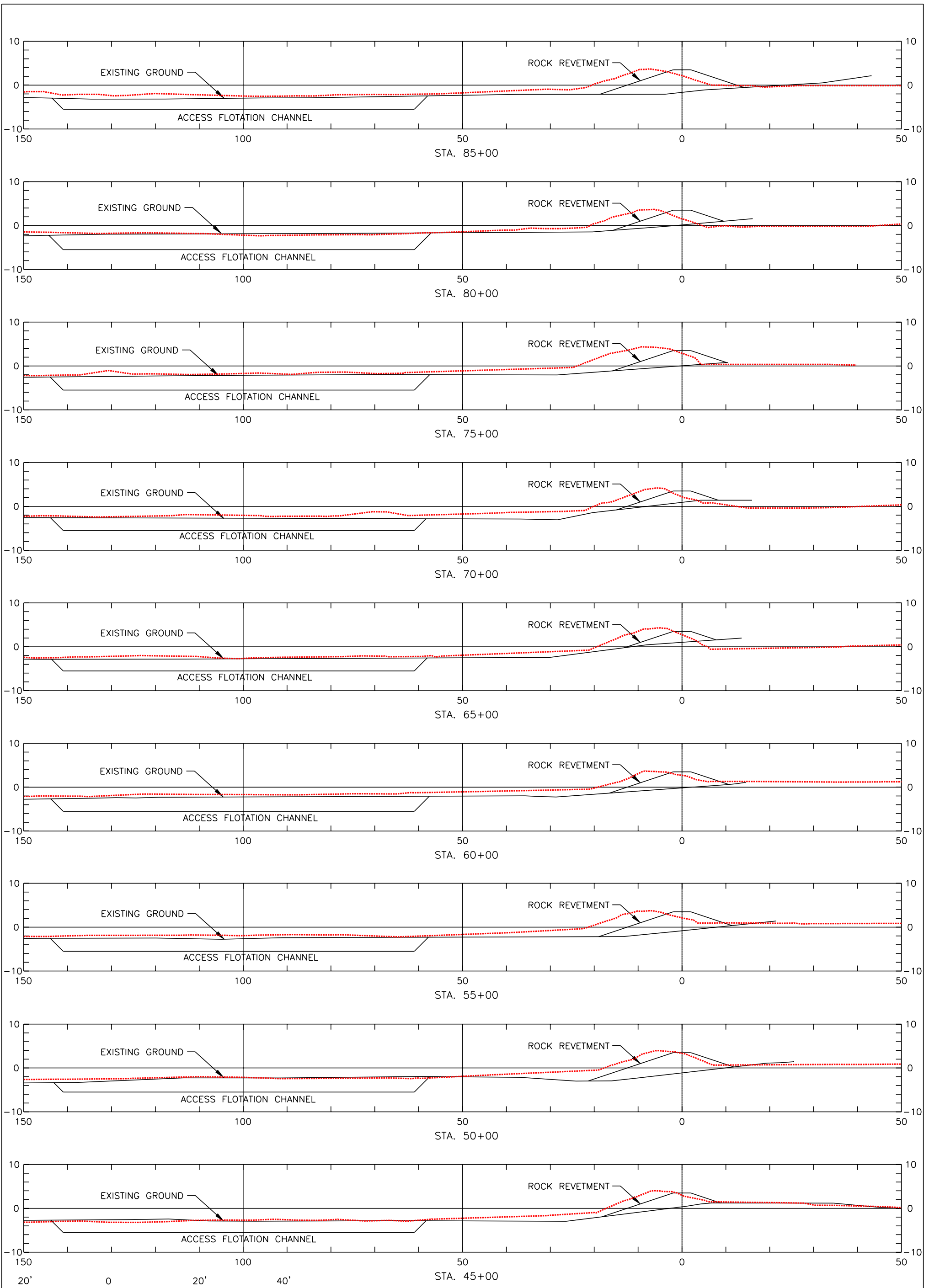
DRAWING NO. LA-352

CAD FILE NO.

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
CHECKED	M. CHOPIN	DATE	1/04
		SCALE	AS SHOWN
		BKI JOB NO.	10142
		SHEET NO.	17



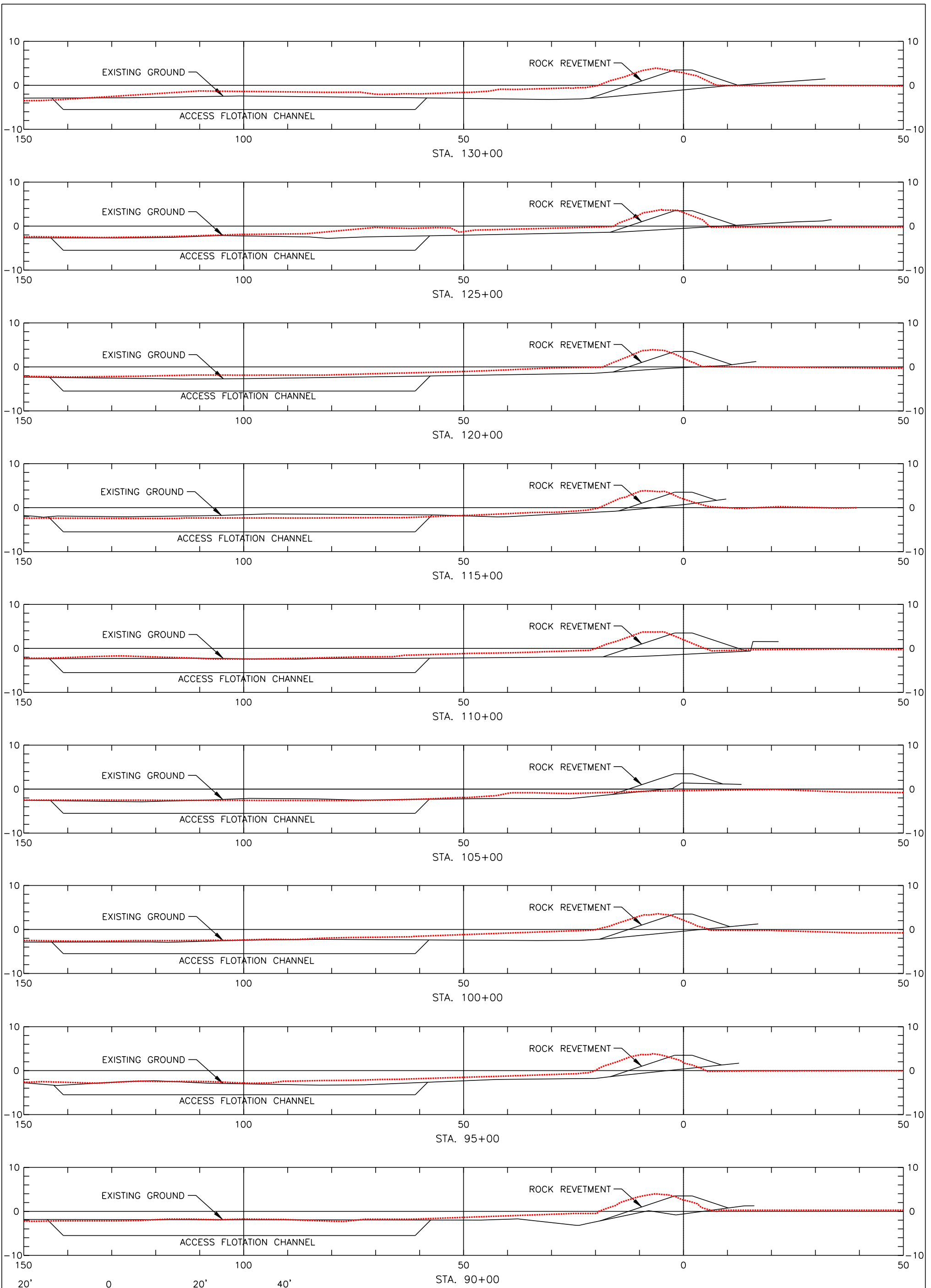
"AS-BUILT"

NOTE: SEE SHT. 16 FOR TYPICAL SECTION DETAILS.

REVISIONS				
NO.	DATE	APPR.	TITLE	

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

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
CHECKED	M. CHOPIN	DATE	1/04
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE		BKI JOB NO.	10142
		SCALE	AS SHOWN
		SHEET NO.	18



"AS-BUILT"

NOTE: SEE SHT. 16 FOR TYPICAL SECTION DETAILS.

REVISIONS			
NO.	DATE	APPR.	TITLE

Sht. 19 of 29

DRAWING NO. LA-352

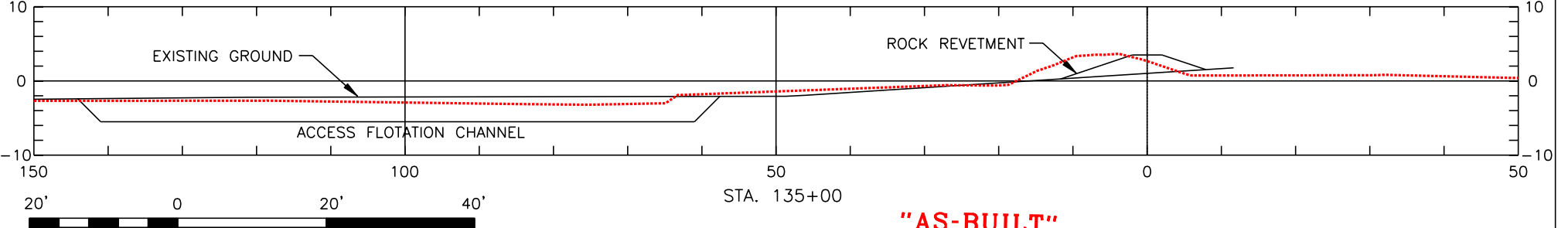
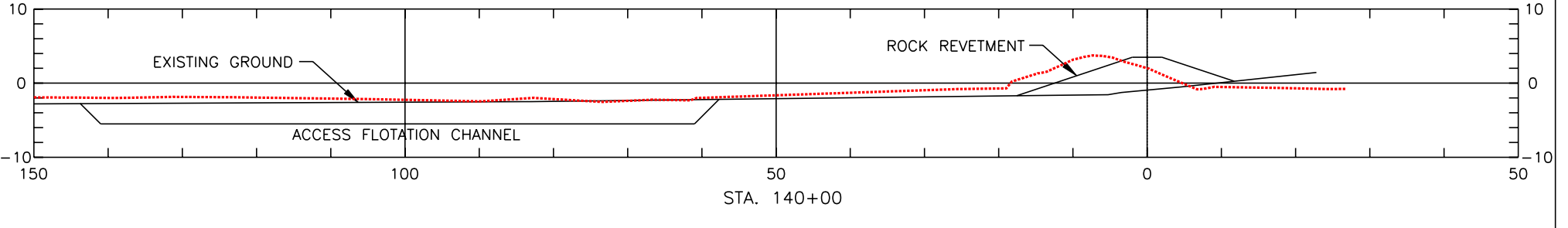
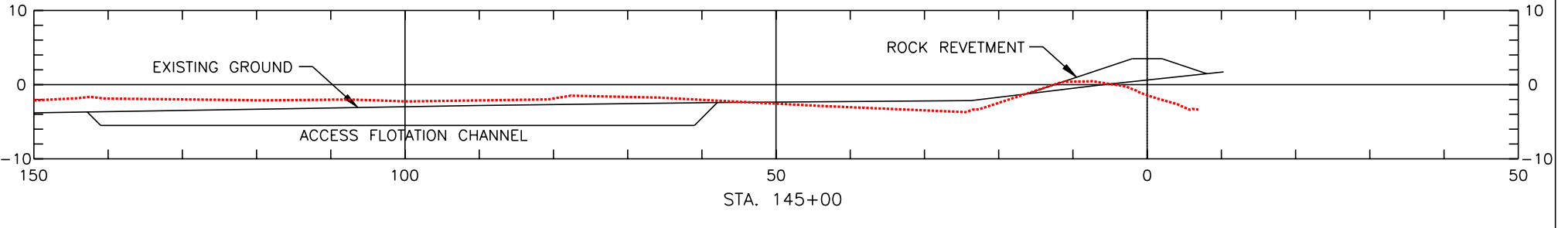
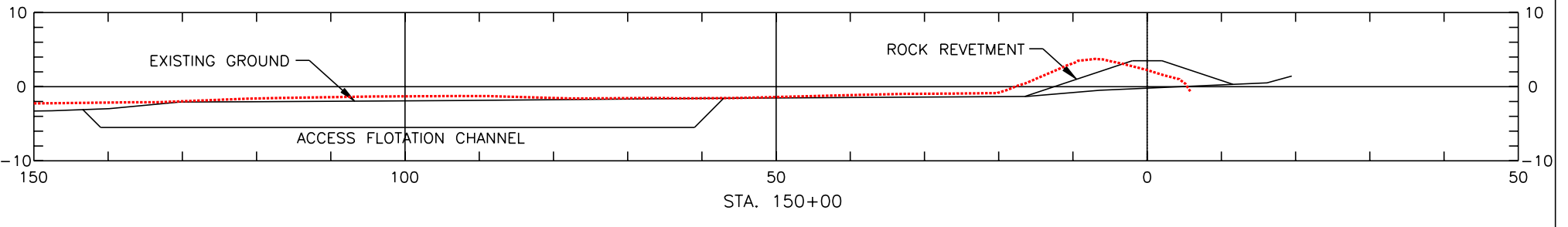
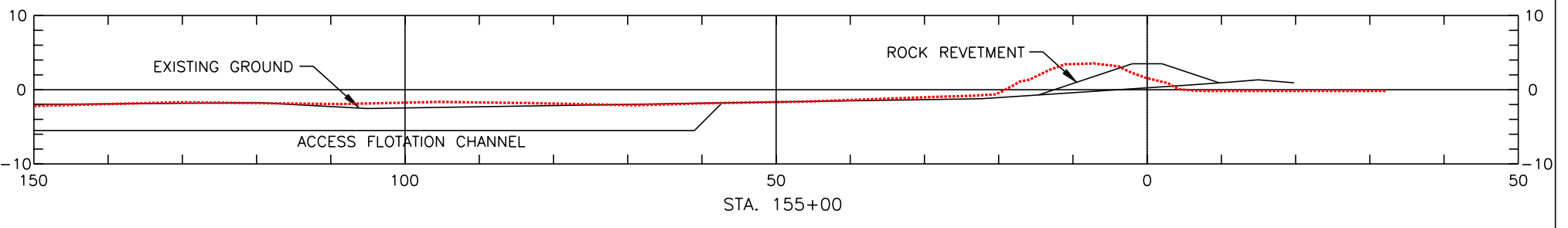
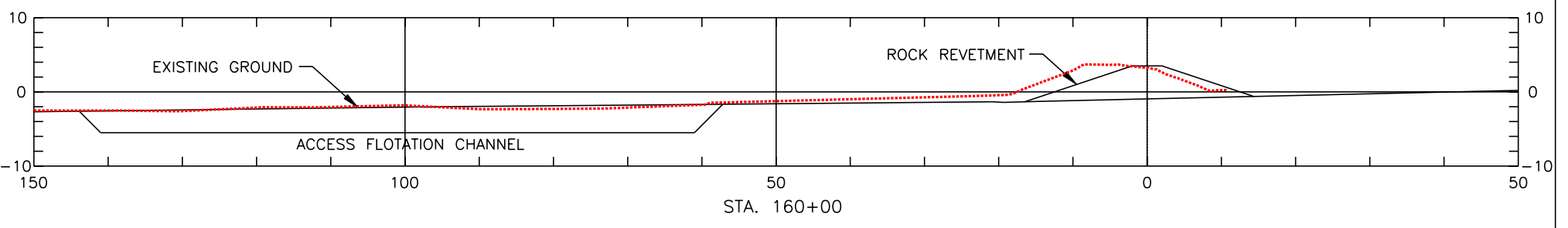
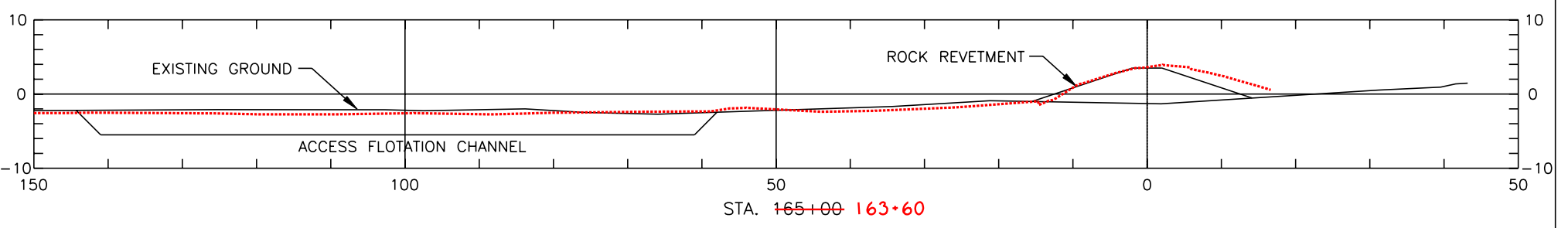
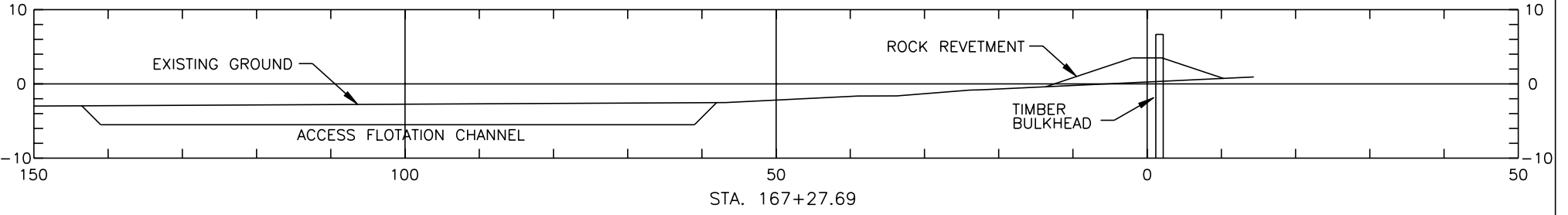
CAD FILE NO.

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
CHECKED	M. CHOPIN	DATE	1/04
BKI JOB NO. 10142		SCALE	AS SHOWN
SHEET NO. 19			

END ALIGNMENT No.1



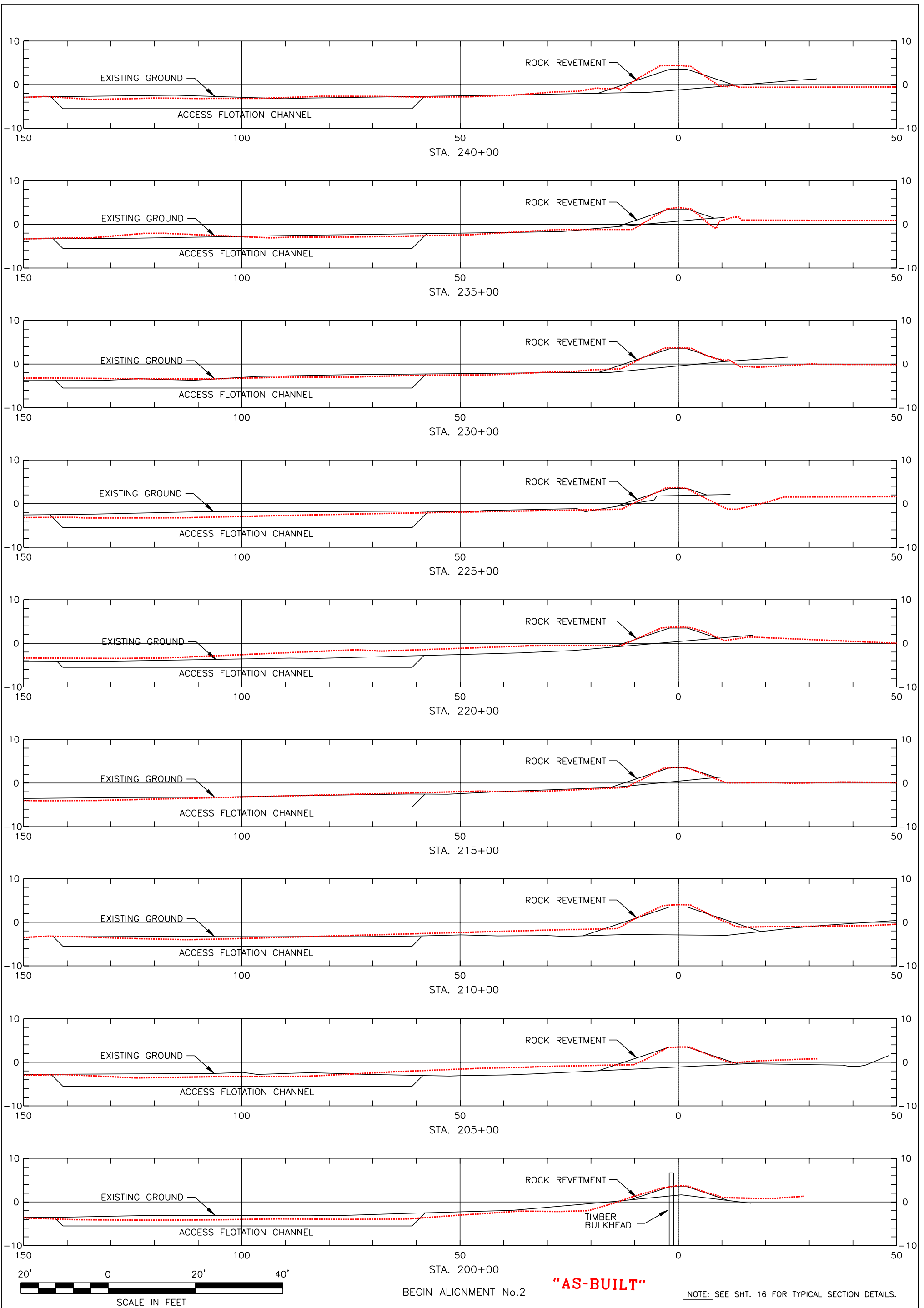
"AS-BUILT"

NOTE: SEE SHT. 16 FOR TYPICAL SECTION DETAILS.

REVISIONS			
NO.	DATE	APPR.	TITLE

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

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
CHECKED	M. CHOPIN	DATE	1/04
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE		SCALE	AS SHOWN
		BKI JOB NO.	10142
		SHEET NO.	20



NOTE: SEE SHT. 16 FOR TYPICAL SECTION DETAILS.

REVISIONS			
NO.	DATE	APPR.	TITLE

Sht. 21 of 29

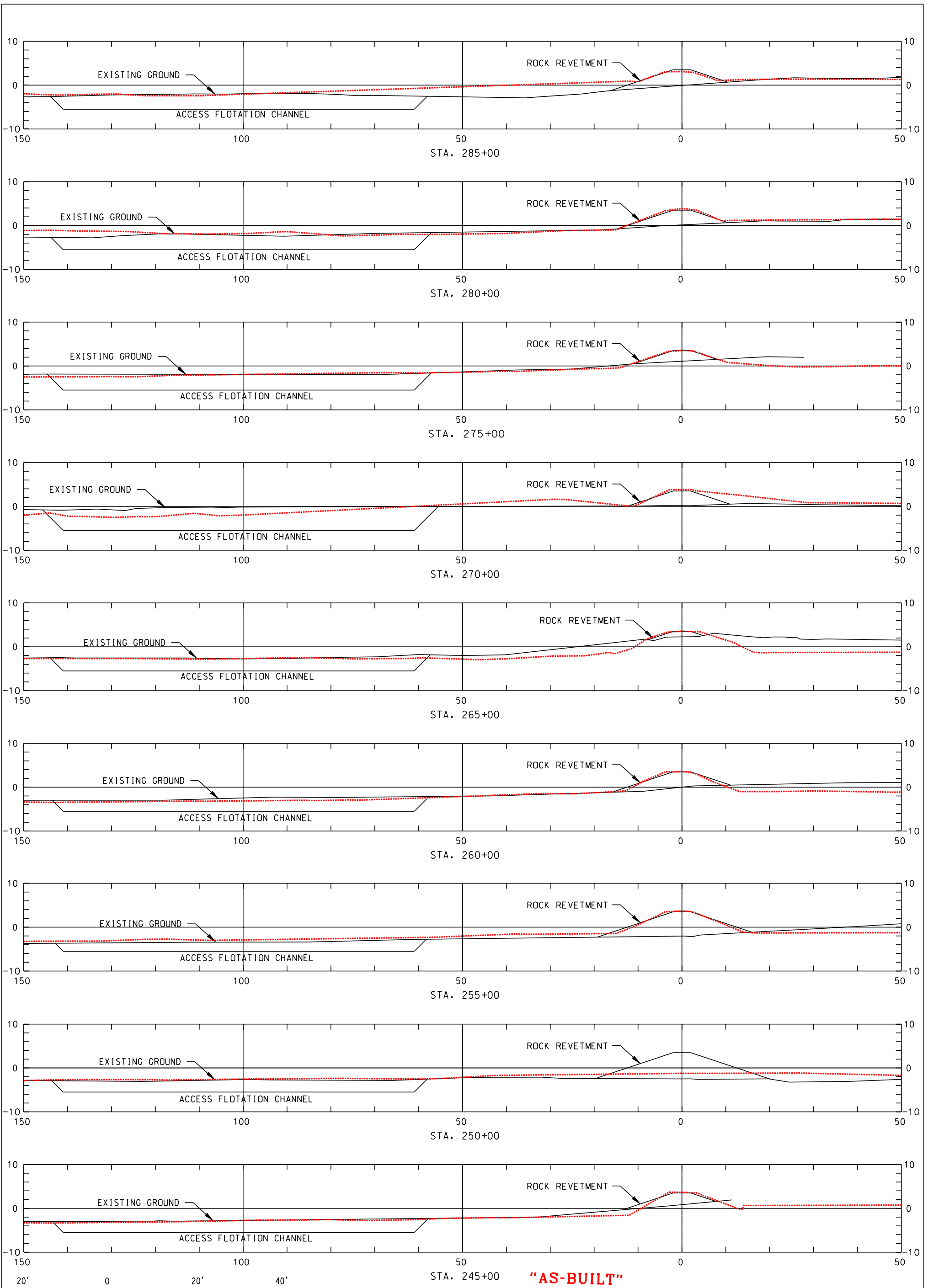
DRAWING NO. LA-352

CAD FILE NO.

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

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

BURK-KLEINPETER, INC.		
<small>ENGINEERS, ARCHITECTS, PLANNERS, ENVIRONMENTAL SCIENTISTS 4176 CANAL STREET, NEW ORLEANS, LOUISIANA 70119-5994 (504) 486-5901 FAX (504) 488-1714</small>		
DESIGNED	M. ROBERTS	DATE 1/04
CHECKED	M. CHOPIN	SCALE AS SHOWN
BKI JOB NO. 10142		SHEET NO. 21



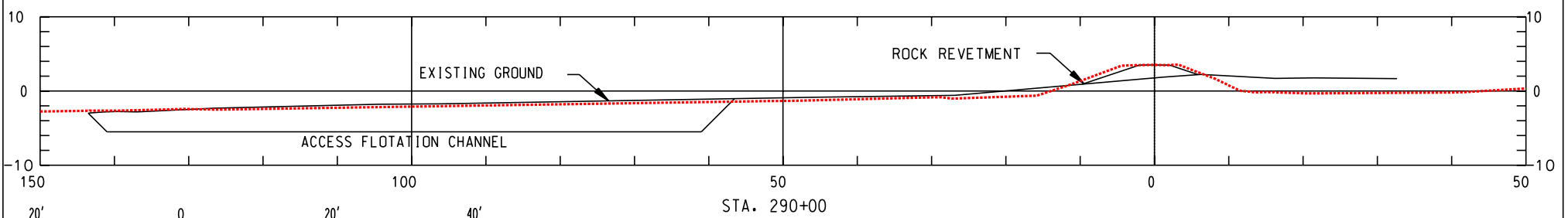
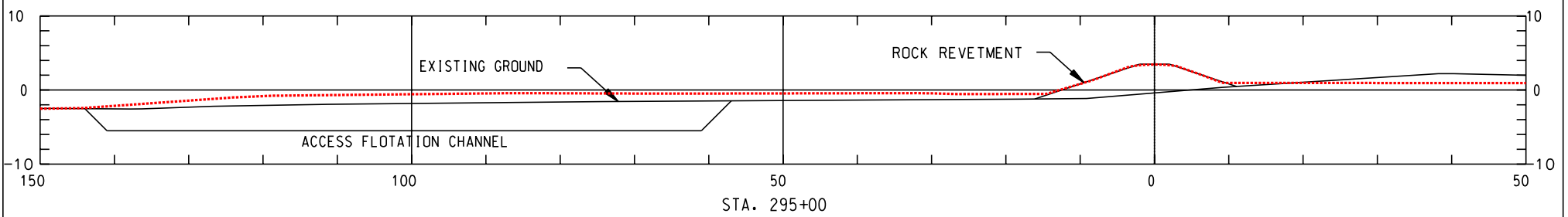
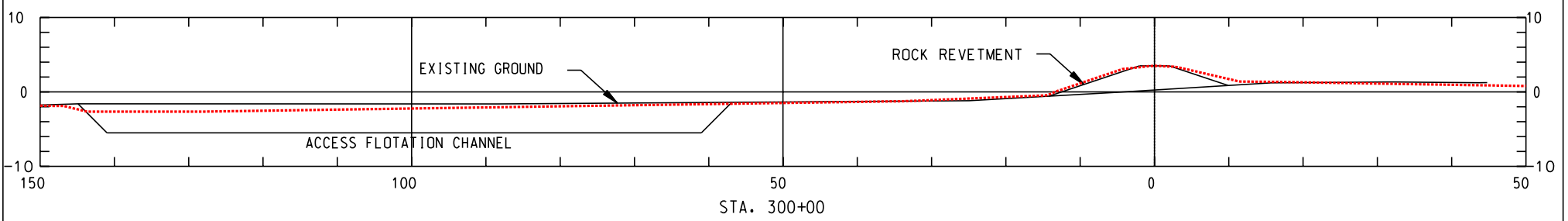
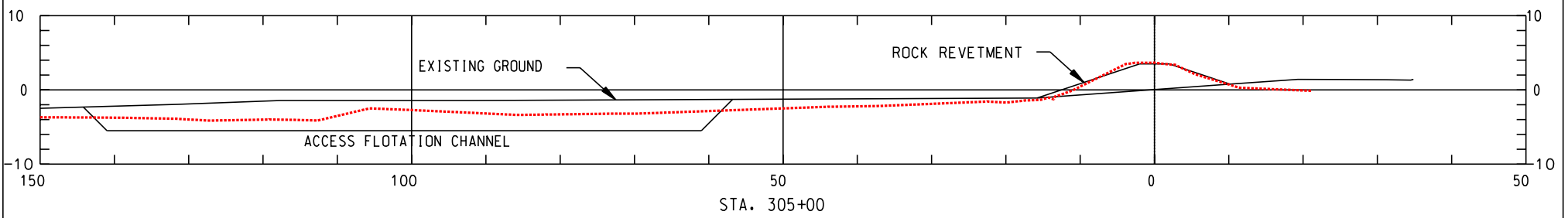
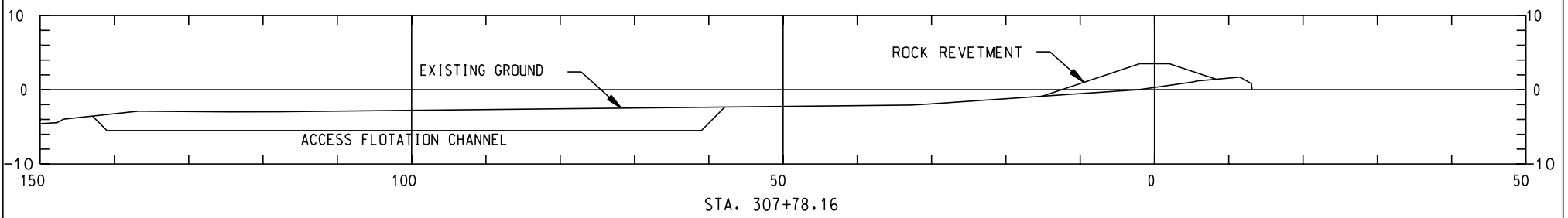
NOTE: SEE SHT. 16 FOR TYPICAL SECTION DETAILS.

REVISIONS				
NO.	DATE	APPR.	TITLE	

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

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
CHECKED	M. CHOPIN	DATE	1/04
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE		SCALE	AS SHOWN
		BK1 JOB NO.	10142
		SHEET NO.	22

END PROJECT



"AS-BUILT"

NOTE: SEE SHT. 16 FOR TYPICAL SECTION DETAILS.

REVISIONS				
NO.	DATE	APPR.	TITLE	

Sht. 23 of 29

DRAWING NO. LA-352

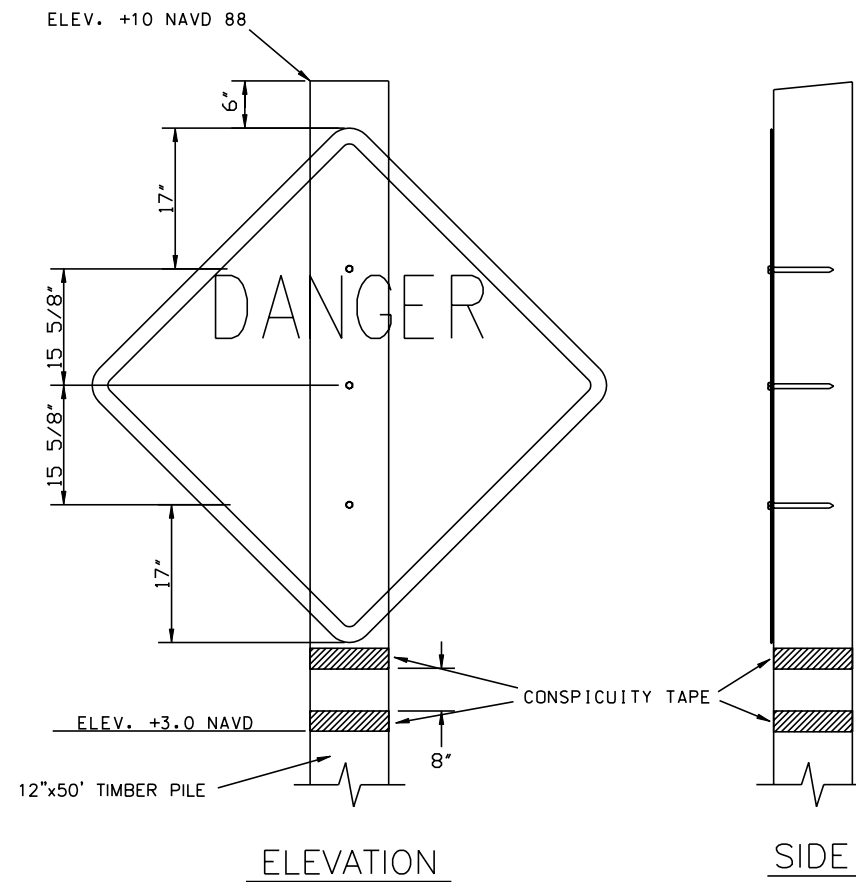
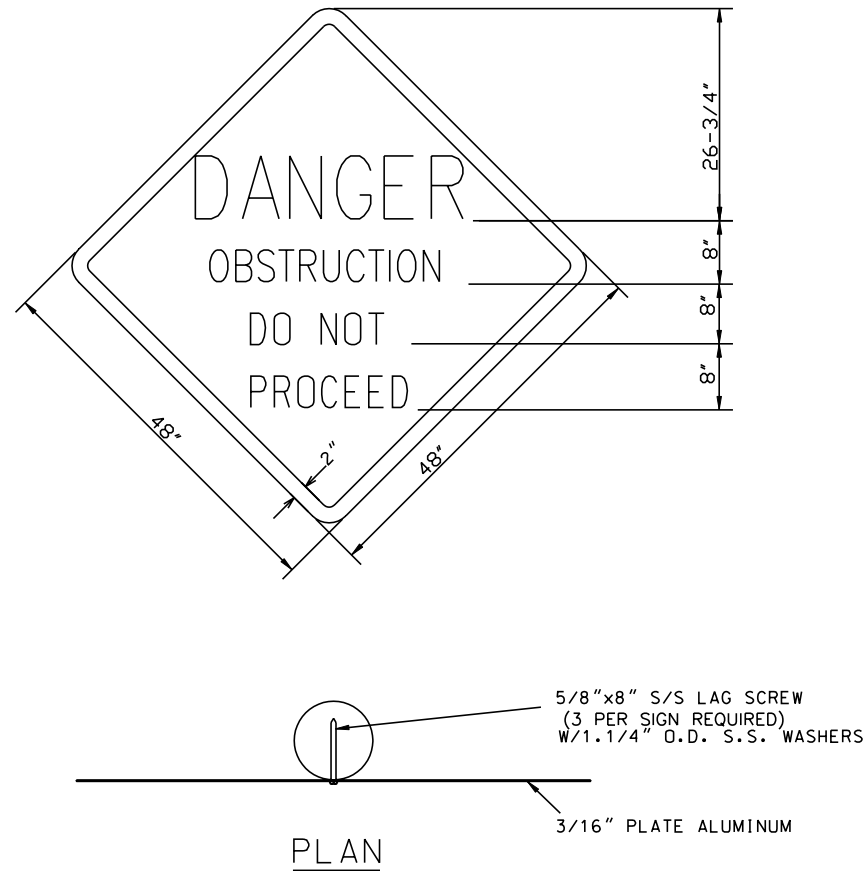
CAD FILE NO.

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

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
		BKT JOB NO.	10142	SHEET NO.	23

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

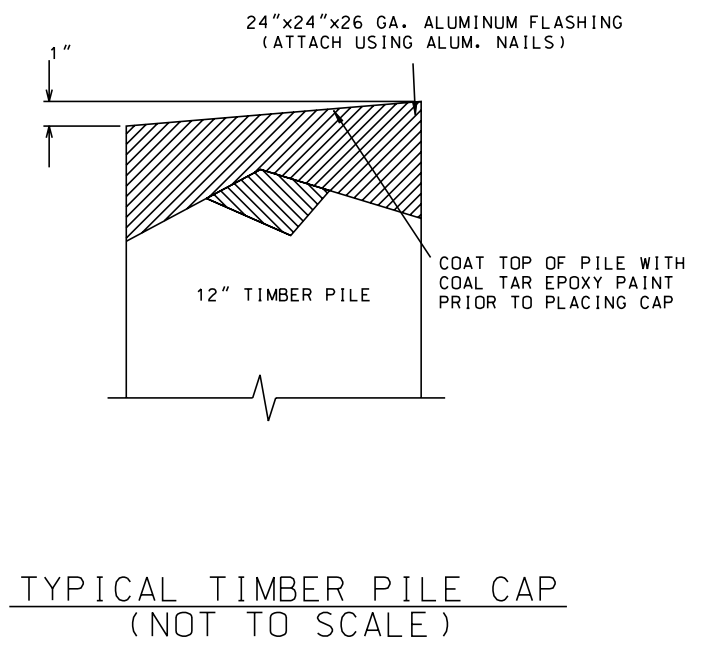


PERMANENT SIGN NOTES:

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.

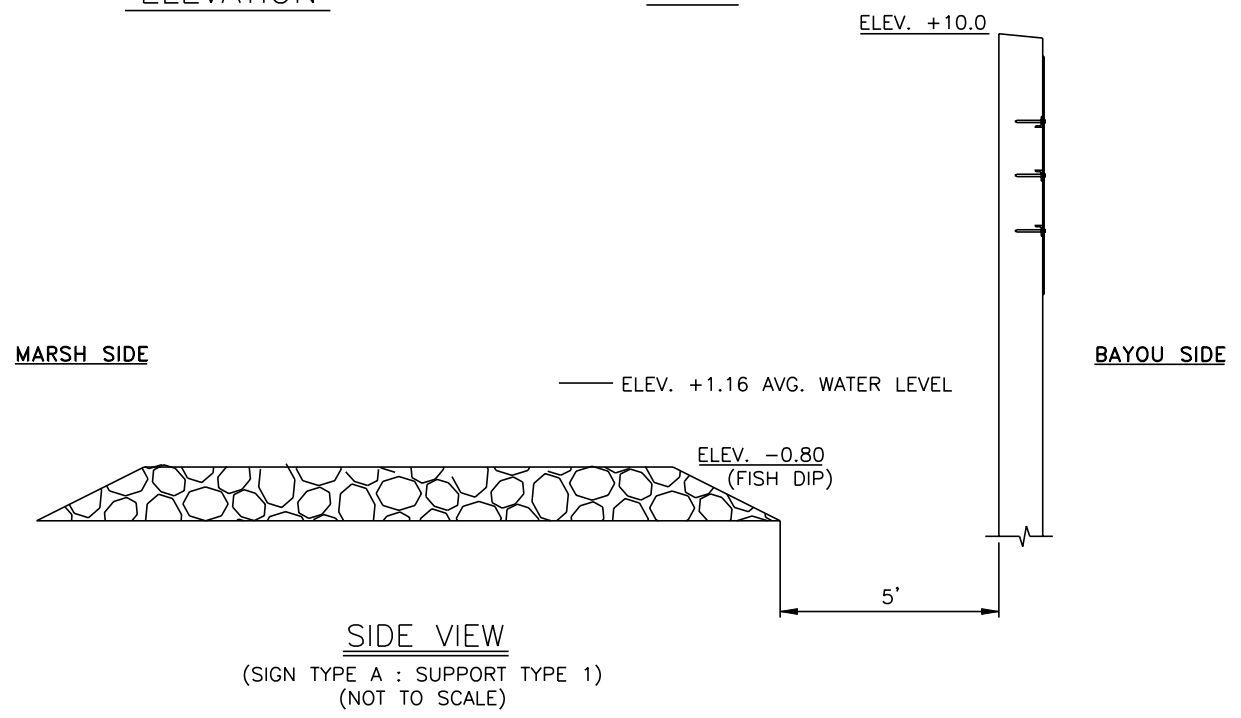
ALG.	SIGN TYPE	SUPPORT TYPE	DESCRIPTION	NO. OF SIGNS
1	A	1	DO NOT PROCEED	8
2	A	1	DO NOT PROCEED	4

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



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.



"AS-BUILT"

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

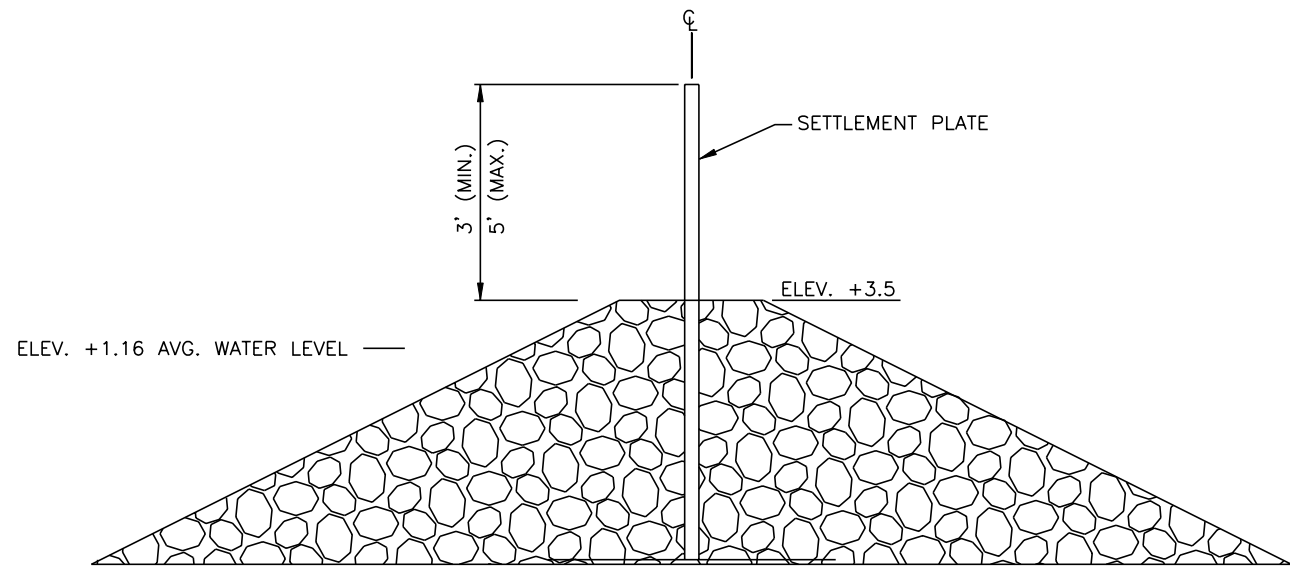
DESIGNED M. ROBERTS
CHECKED M. CHOPIN

DATE 1/04
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

CAD FILE NO.
DRAWING NO.
LA-352
SHEET NO 24 OF 29

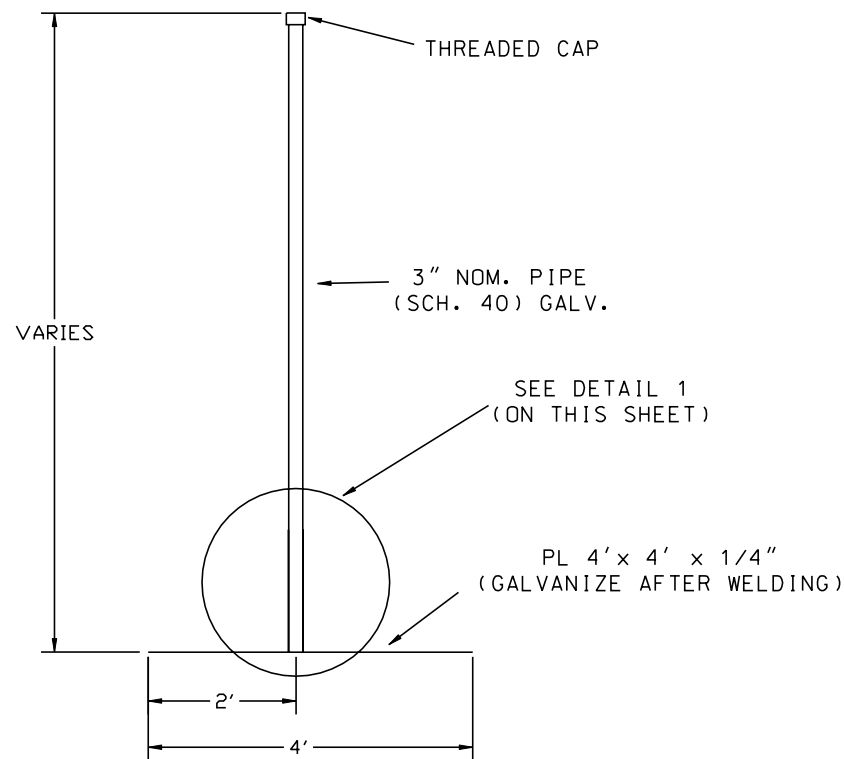


ALG.	NO. OF PLATES
No.1	18
No.2	15

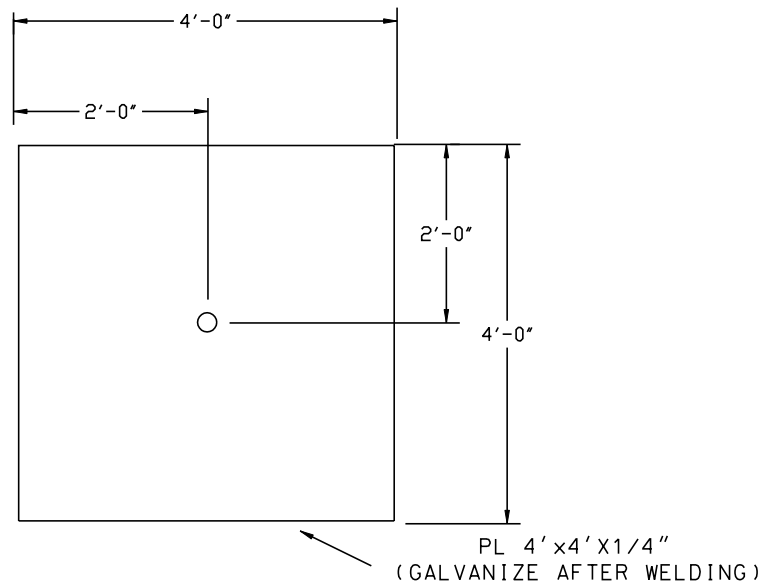
NOTES:

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

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



ELEVATION VIEW

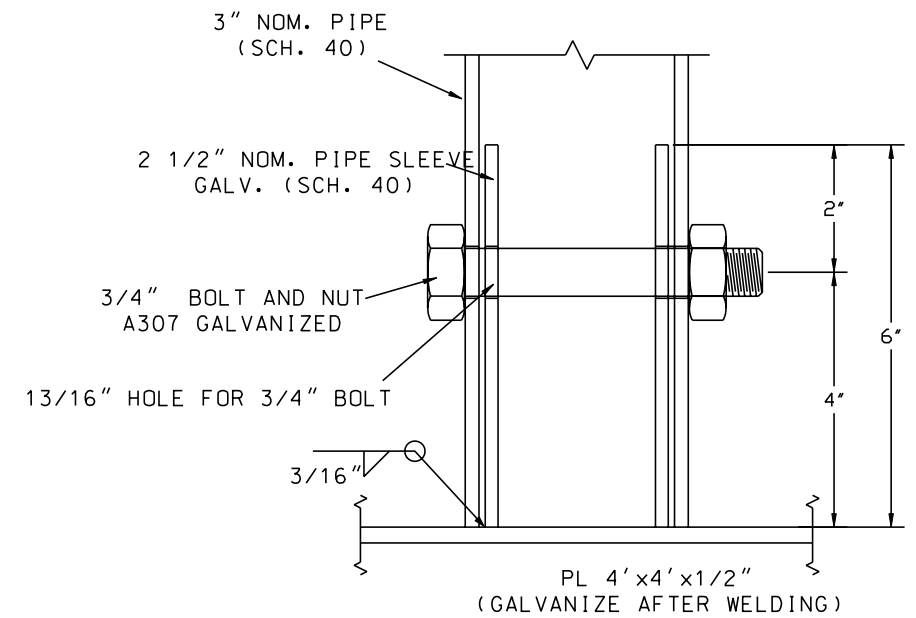


PLAN VIEW

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

DESIGNED M. ROBERTS
CHECKED M. CHOPIN

DATE 1/04
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

LOCATION	INITIAL SET	1ST CHECK	2ND CHECK	3RD CHECK	4TH CHECK	5TH CHECK	6TH CHECK	BENCH MARK	SETTLEMENT *FT.*
STA. 3+00 N 406372.1 E 3668841.	ELEVATION 6.29 DATE SURVEYED 7/19/2005 INCREMENTAL SET. 0.00	5.04 8/15/2005 1.25	4.83 11/7/2005 0.21	4.83 2/13/2006 0.00	8.84*** 2/14/2006 0.00	0.00 0.00	0.00 0.00	L0-10	1.46
STA. 13+00 N 407197.1 E 3669210	ELEVATION 7.03 DATE SURVEYED 7/28/2005 INCREMENTAL SET. 0.00	6.99 7/31/2005 0.04	5.91 8/15/2005 1.08	5.71 11/7/2005 0.20	5.69 12/7/2005 0.02	5.68 2/13/2006 0.00	7.9* 2/14/2006 0.00	L0-10	1.34
STA. 23+00 N 408130.7 E 3669076	ELEVATION 6.95 DATE SURVEYED 8/9/2005 INCREMENTAL SET. 0.00	6.26 8/15/2005 0.69	5.81 11/7/2005 0.45	5.8 12/8/2005 0.01	5.8 2/13/2006 0.00	7.96* 2/14/2006 0.00	0.00	L0-18	1.15
STA. 33+00 N 408903.7 E 3668570	ELEVATION 8.37 DATE SURVEYED 8/12/2005 INCREMENTAL SET. 0.00	6.31 8/15/2005 2.06	5.96 11/7/2005 0.35	5.94 12/8/2005 0.02	5.87 2/13/2006 0.07	7.92* 2/14/2006 0.00	0.00	L0-17	2.50
STA. 43+00 N 409500.9 E 3667803	ELEVATION 7.87 DATE SURVEYED 8/16/2005 INCREMENTAL SET. 0.00	6.60 8/24/2005 1.27	6.47 11/7/2005 0.13	6.42 12/12/2005 0.05	6.36 2/13/2006 0.06	8.37* 2/14/2006 0.00	0.00	L0-17	1.51
STA. 49+11 N 409856.8 E 3668001	ELEVATION 7.42 DATE SURVEYED 8/18/2005 INCREMENTAL SET. 0.00	6.66 8/24/2005 0.76	6.59 11/7/2005 0.07	6.56 12/15/2005 0.03	6.43 2/13/2006 0.13	8.48* 2/14/2006 0.00	0.00	L0-17	0.99
STA. 53+00 N 410081.0 E 3668283	ELEVATION 7.66 DATE SURVEYED 8/1/1905 INCREMENTAL SET. 0.00	6.70 8/24/2005 0.96	6.55 11/7/2005 0.15	6.55 12/15/2005 0.00	6.35 2/13/2006 0.20	8.57* 2/14/2006 0.00	0.00	L0-17	1.31
STA. 63+00 N 410912.2 E 3668743	ELEVATION 8.26 DATE SURVEYED 8/23/2005 INCREMENTAL SET. 0.00	7.21 11/7/2005 1.05	7.11 12/15/2005 0.10	7.08 2/13/2006 0.03	0.00	0.00	0.00	L0-16	1.18
STA. 73+00 N 411718.0 E 3668996	ELEVATION 7.36 DATE SURVEYED 8/25/2005 INCREMENTAL SET. 0.00	6.39 11/7/2005 0.97	6.33 1/11/2006 0.06	6.29 2/13/2006 0.04	8.19* 2/14/2006 0.00	0.00	0.00	L0-16	1.07
STA. 83+00 N 412634.8 E 3669185	ELEVATION 6.61 DATE SURVEYED 9/19/2005 INCREMENTAL SET. 0.00	5.98 11/7/2005 0.63	5.91 1/3/2006 0.07	5.29 2/13/2006 0.62	8.02* 2/14/2006 0.00	0.00	0.00	L0-16	1.32
STA. 93+00 N 413562.5 E 3668963	ELEVATION 6.96 DATE SURVEYED 9/22/2005 INCREMENTAL SET. 0.00	5.47 11/8/2005 1.49	5.41 1/12/2006 0.06	5.41 2/13/2006 0.00	7.59* 2/14/2006 0.00	0.00	0.00	L0-16	1.55
STA. 101+00 N 414352.4 E 3668848	ELEVATION 6.92 DATE SURVEYED 10/12/2005 INCREMENTAL SET. 0.00	5.65 11/8/2005 1.27	5.32 1/18/2006 0.33	5.32 2/13/2006 0.00	8.96** 2/14/2006 0.00	0.00	0.00	L0-15	1.60
STA. 113+50 N 415471.8 E 3669310	ELEVATION 6.68 DATE SURVEYED 10/21/2005 INCREMENTAL SET. 0.00	5.84 11/8/2005 0.84	5.63 1/18/2006 0.21	5.62 2/13/2006 0.01	8.76** 2/14/2006 0.00	0.00	0.00	L0-15	1.06
STA. 123+00 N 415364.2 E 3669259	ELEVATION 7.22 DATE SURVEYED 10/25/2005 INCREMENTAL SET. 0.00	5.82 11/8/2005 1.40	5.65 1/19/2006 0.17	5.65 2/13/2006 0.00	8.60** 2/14/2006 0.00	0.00	0.00	L0-15	1.57
STA. 133+00 N 417067.7 E 3668822	ELEVATION 7.49 DATE SURVEYED 10/31/2005 INCREMENTAL SET. 0.00	6.09 1/19/2006 1.40	5.90 2/13/2006 0.19	8.03* 2/14/2006 0.00	0.00	0.00	0.00	L0-14	1.59
STA. 143+00 N 417994.5 E 3669104	ELEVATION 6.41 DATE SURVEYED 11/3/2005 INCREMENTAL SET. 0.00	5.48 1/30/2006 0.93	5.37 2/13/2006 0.11	0.00 2/14/2006 5.37	0.00	0.00	0.00	L0-14	6.41
STA. 149+00 N 418569.2 E 3669023	ELEVATION 6.98 DATE SURVEYED 11/7/2005 INCREMENTAL SET. 0.00	5.96 1/30/2006 1.02	5.93 2/13/2006 0.03	7.87** 2/14/2006 0.00	0.00	0.00	0.00	L0-14	1.05
STA. 153+00 N 418882.2 E 3668793	ELEVATION 7.54 DATE SURVEYED 11/8/2005 INCREMENTAL SET. 0.00	5.56 1/30/2006 1.98	5.55 2/13/2006 0.01	8.58** 2/14/2006 0.00	0.00	0.00	0.00	L0-14	1.99
STA. 163+00 N 419660.4 E 3668238	ELEVATION 7.48 DATE SURVEYED 11/15/2005 INCREMENTAL SET. 0.00	2.51 12/19/2005 4.97	6.62*** 12/19/2005 0.00	6.36 1/30/2006 0.26	6.36 2/13/2006 0.00	9.74* 2/14/2006 0.00	0.00	BA-27 6M03	5.23

"AS-BUILT"

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

DESIGNED: M. ROBERTS
CHECKED: M. CHOPIN

DATE: 1/04
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. 25 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	INCREMENTAL SET.	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	L0 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	L0 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	L0 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	L0 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	L0 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	L0 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	L0 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	L0 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	L012	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	L0 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	L0 13	1.35
N 421996.64	DATE SURVEYED	6/15/2005	7/6/2005	7/26/2005	7/26/2005	11/8/2005	0.00		
E 3667288.24	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	L0 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 6M03	3.56
N 420396.29	DATE SURVEYED	7/11/2005	7/22/2005	7/26/2005	7/26/2005	11/8/2005	0.00		
E 3667772.08	INCREMENTAL SET.	0.00	3.31	0.25	0.00	0.00	0.00		

** -- 4.0' SECTION OF PIPE ADDED

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

DESIGNED: M. ROBERTS
 CHECKED: M. CHOPIN

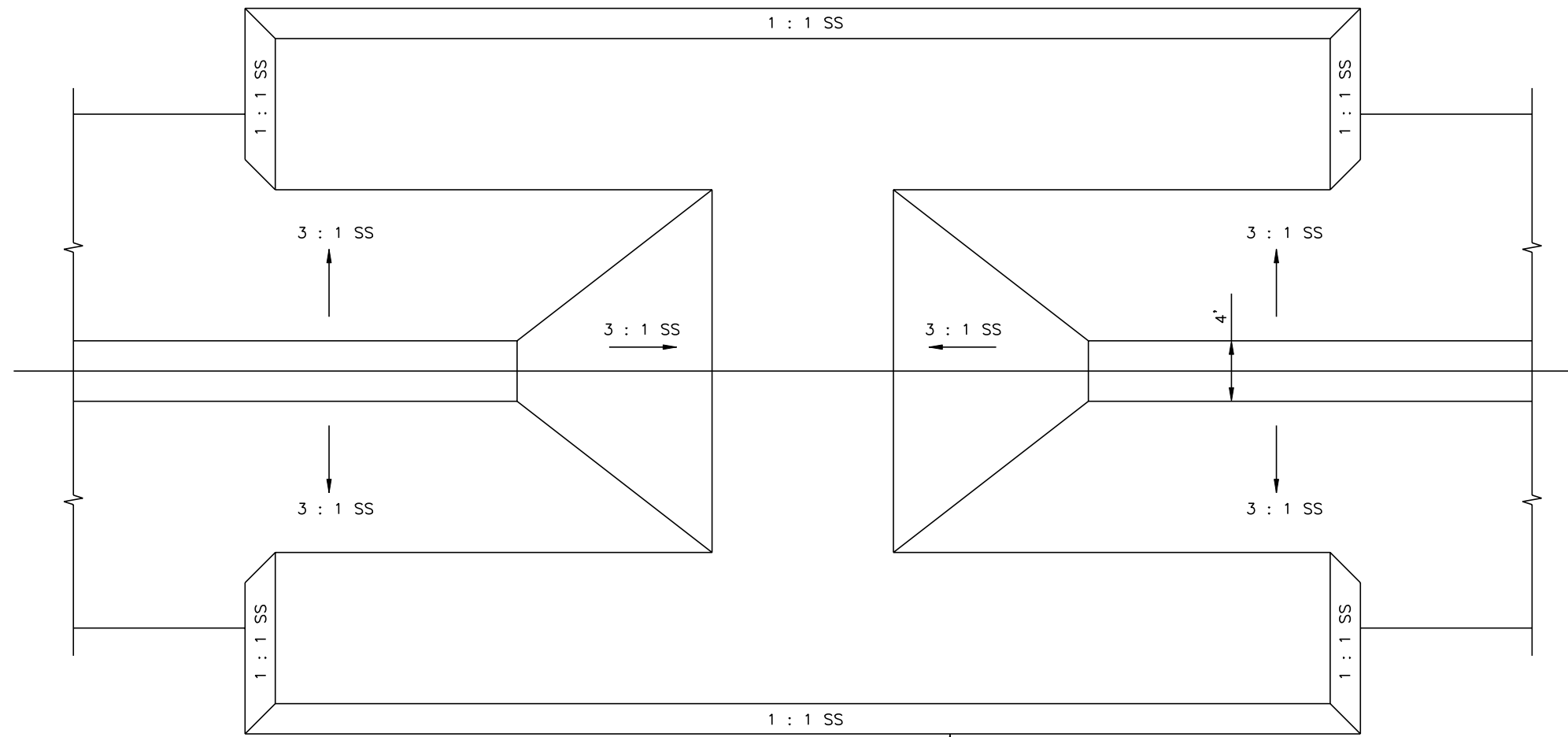
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 SHEET NO.: 25

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

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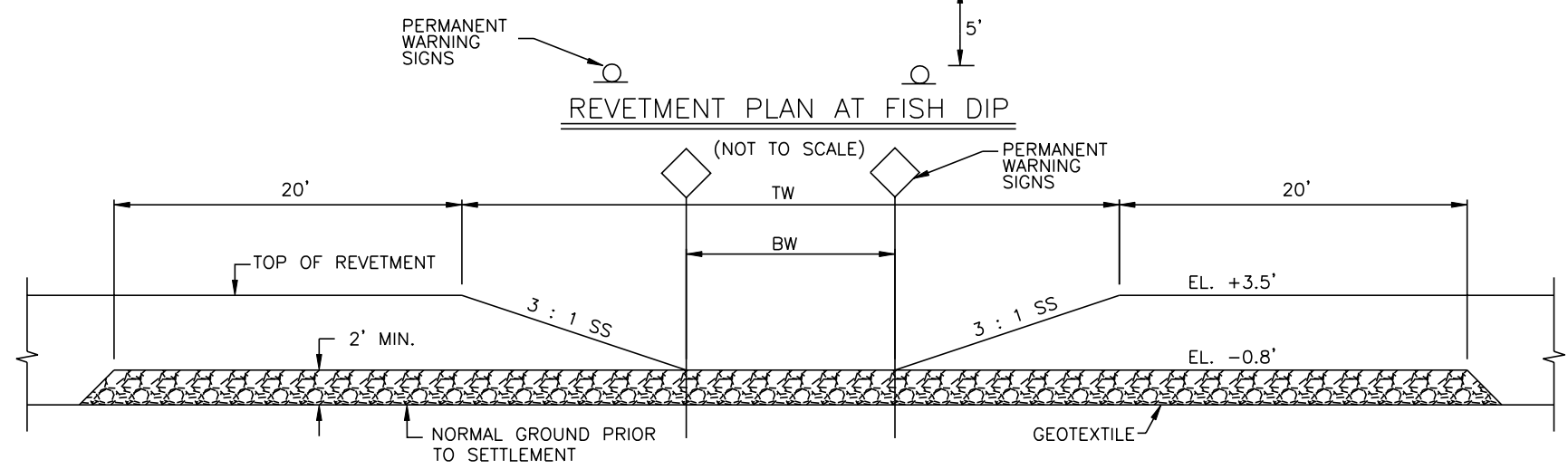
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 SHEET NO25b OF 29

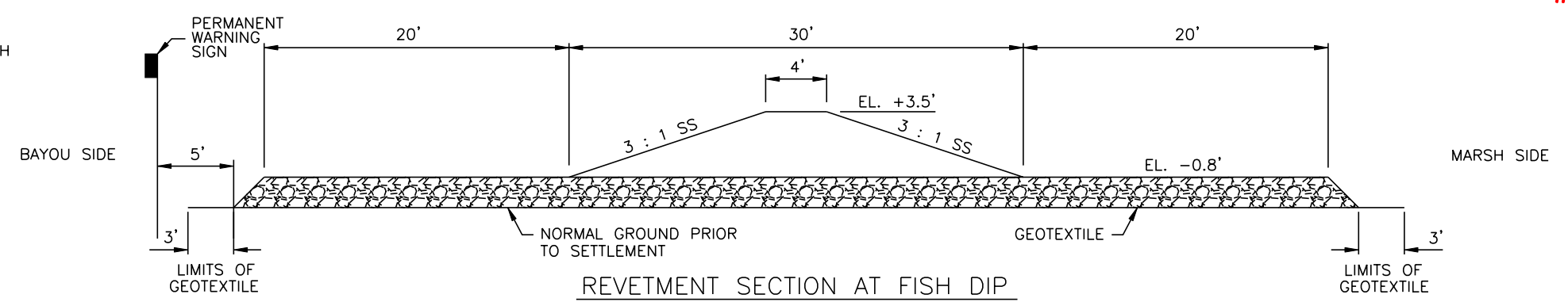


NOTE :
 GEOTEXTILE TO CONFORM TO
 EXISTING CHANNEL BOTTOM

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'



REVIEMENT PROFILE AT FISH DIP
 (NOT TO SCALE)



REVIEMENT SECTION AT FISH DIP
 (NOT TO SCALE)

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.

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

DESIGNED M. ROBERTS
 CHECKED M. CHOPIN

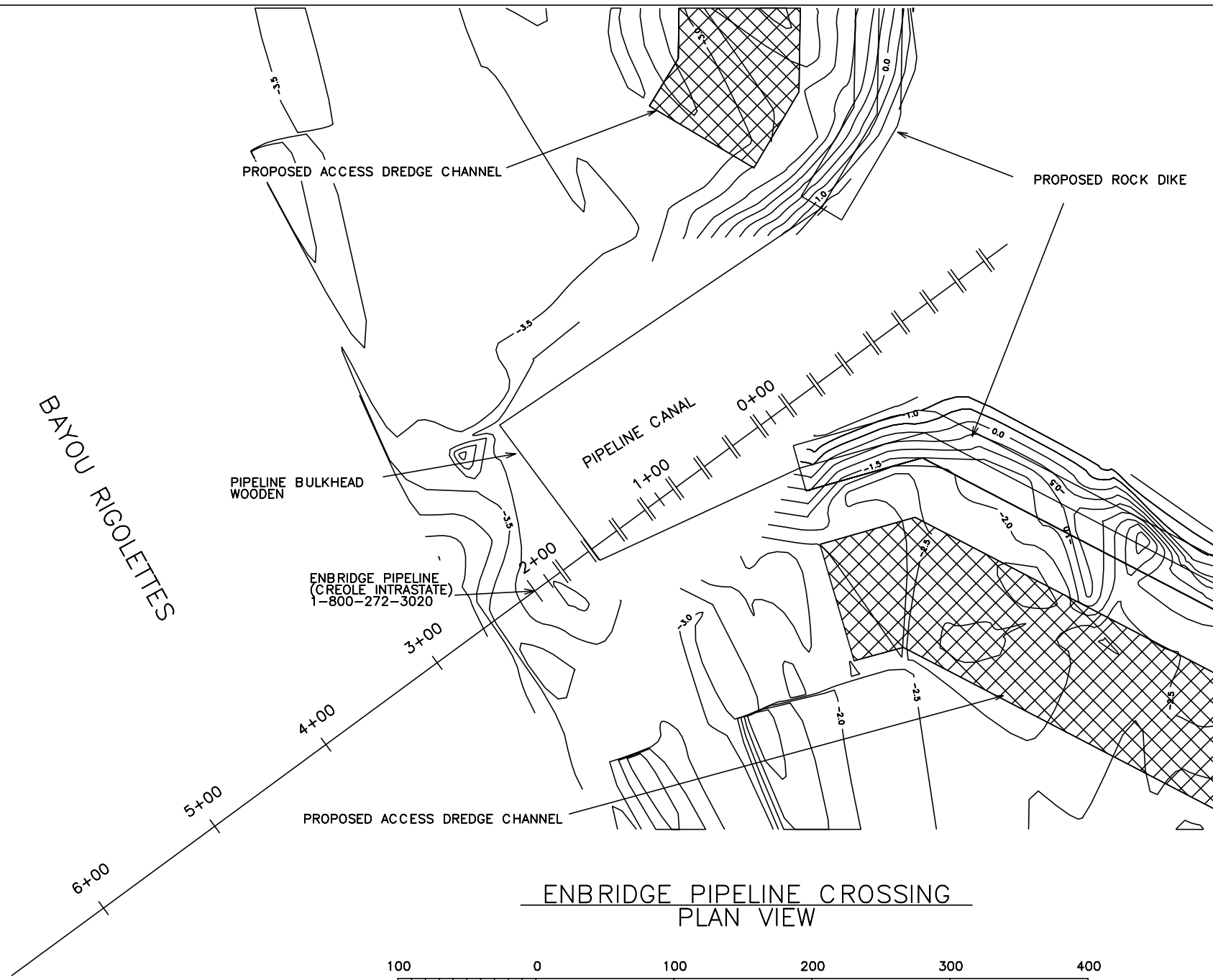
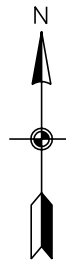
DATE 1/04
 SCALE AS SHOWN
 SHEET NO. 26

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

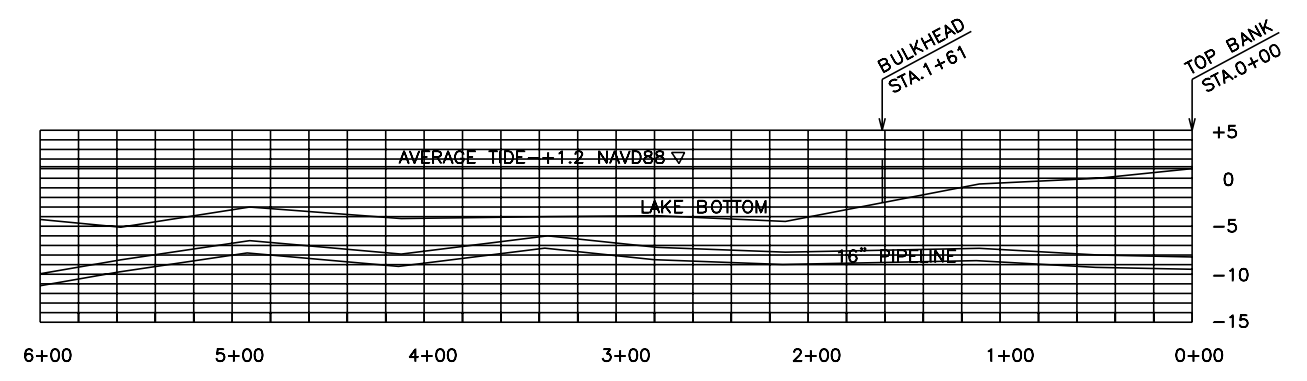
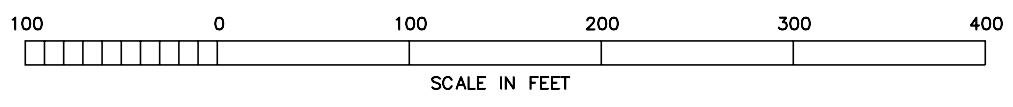
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ENBRIDGE PIPELINE CROSSING
PLAN VIEW



ENBRIDGE PIPELINE CROSSING
PROFILE VIEW

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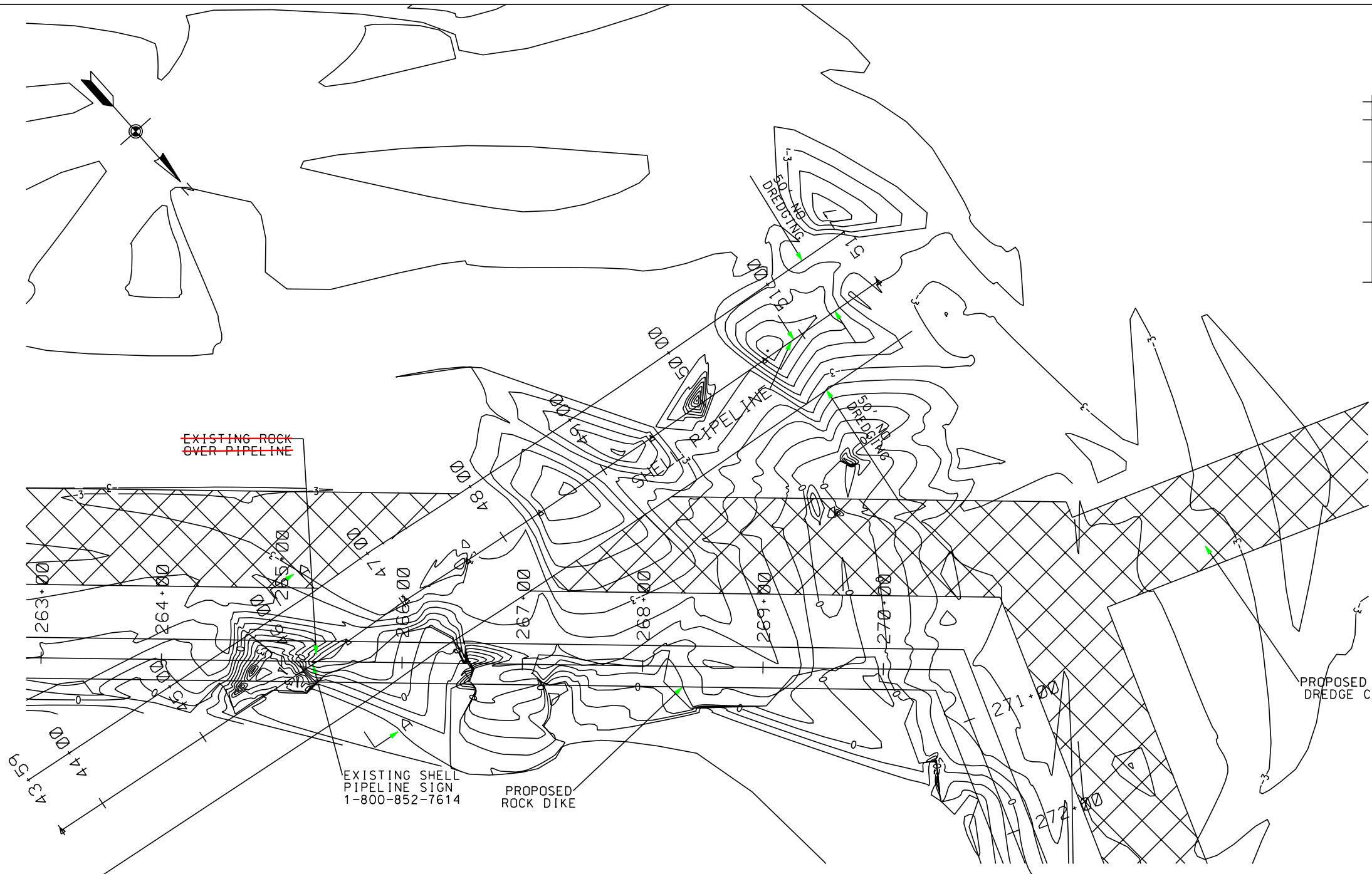
DESIGNED: D.J. WILMORE DATE: 1/04
CHECKED: AS SHOWN SCALE: AS SHOWN
BKI JOB NO. 10142 SHEET NO. 27

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

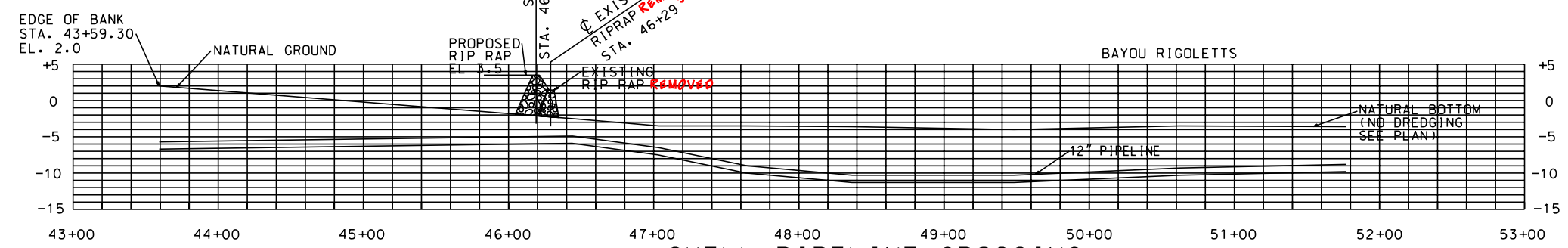
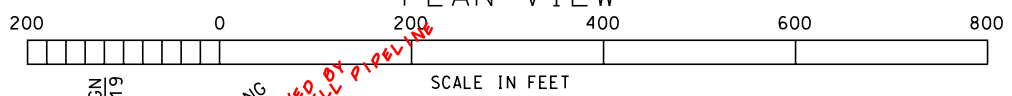
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SHT. 27 OF 29

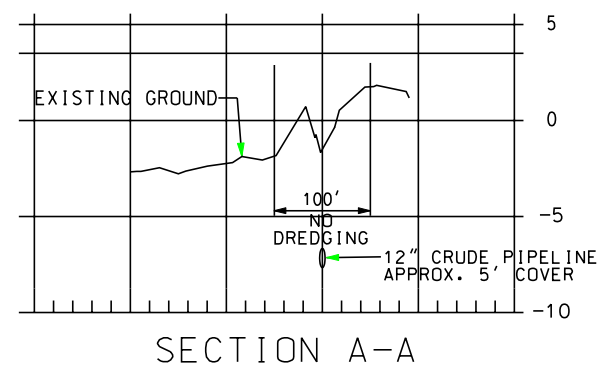
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SHELL PIPELINE CROSSING
PLAN VIEW



SHELL PIPELINE CROSSING
PROFILE VIEW
(LOOKING SOUTH)

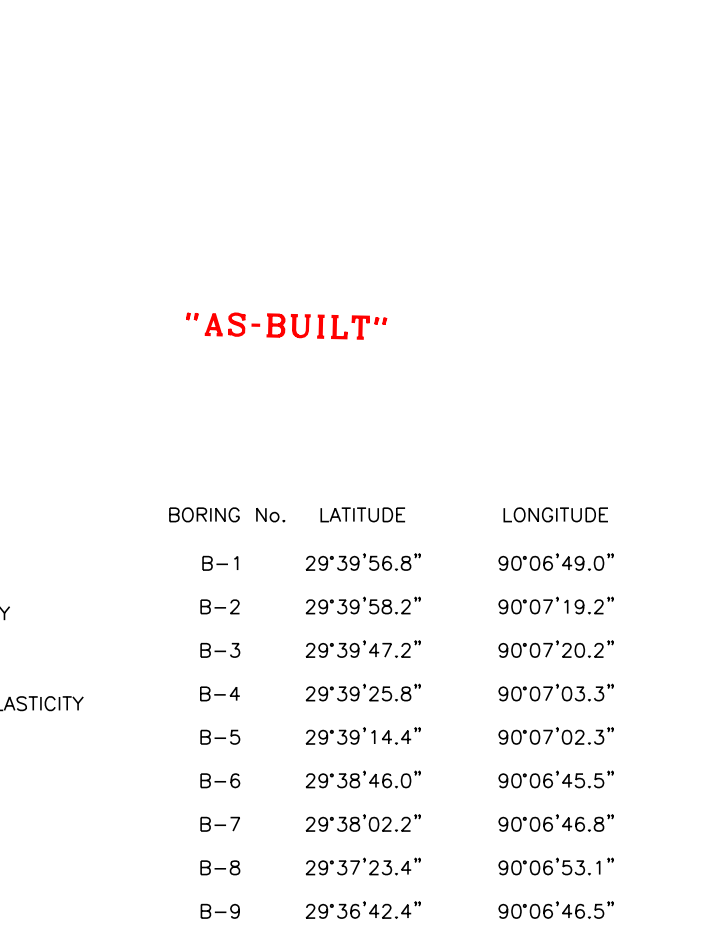
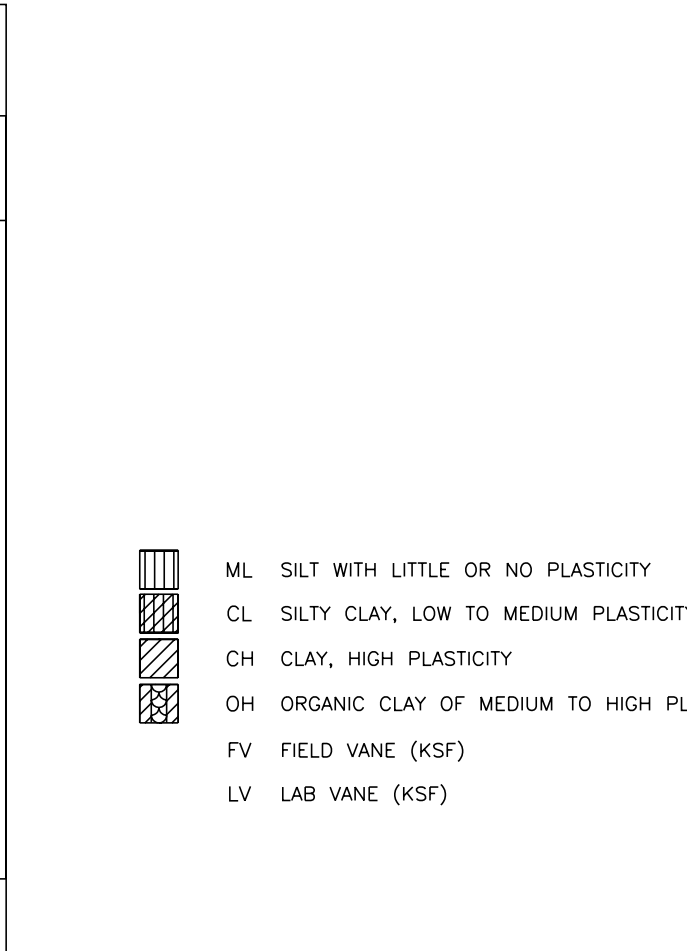
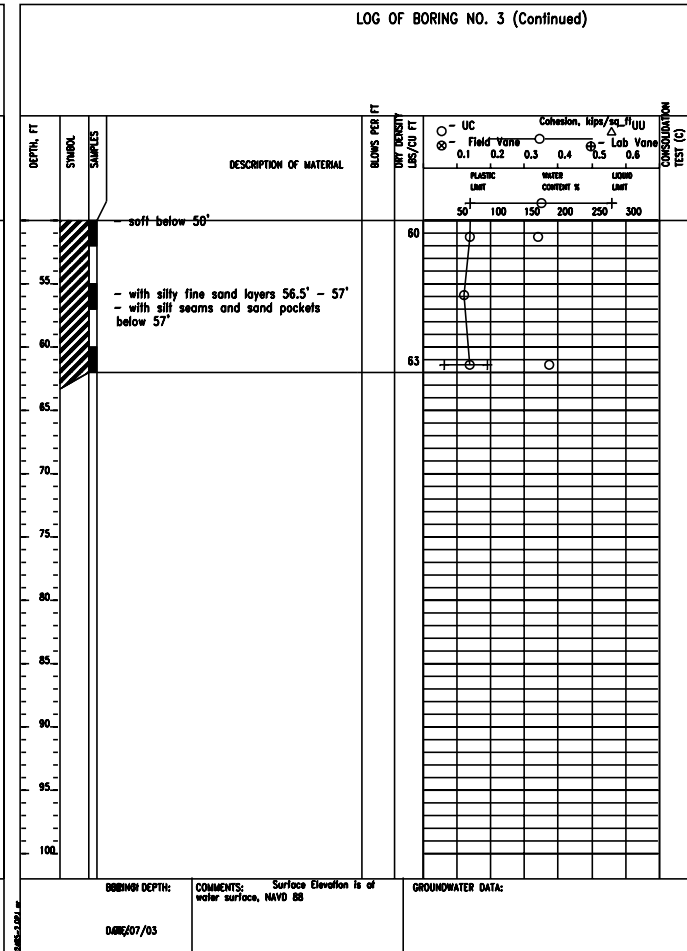
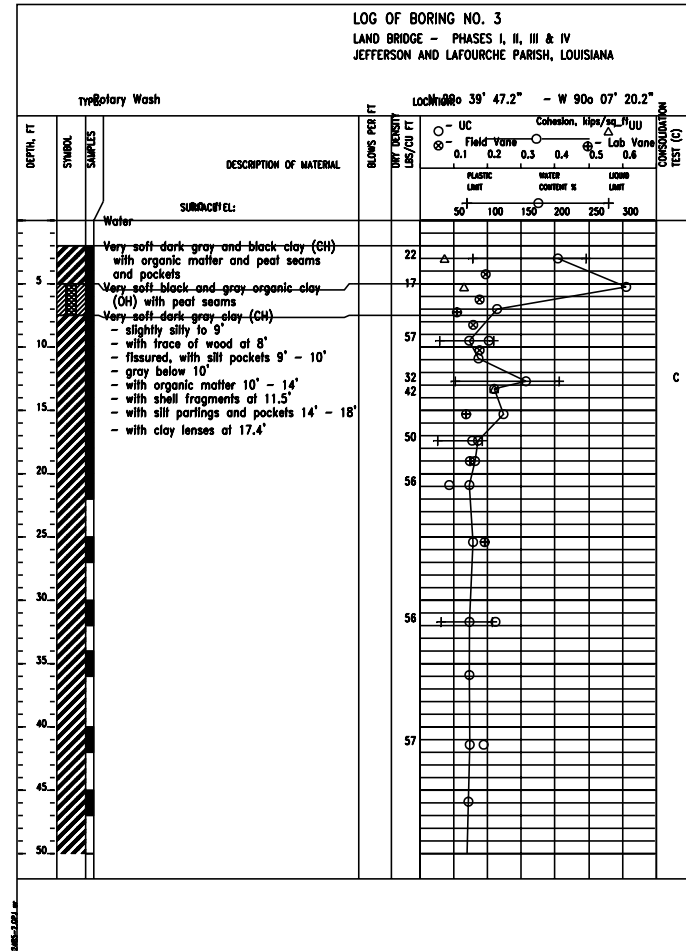
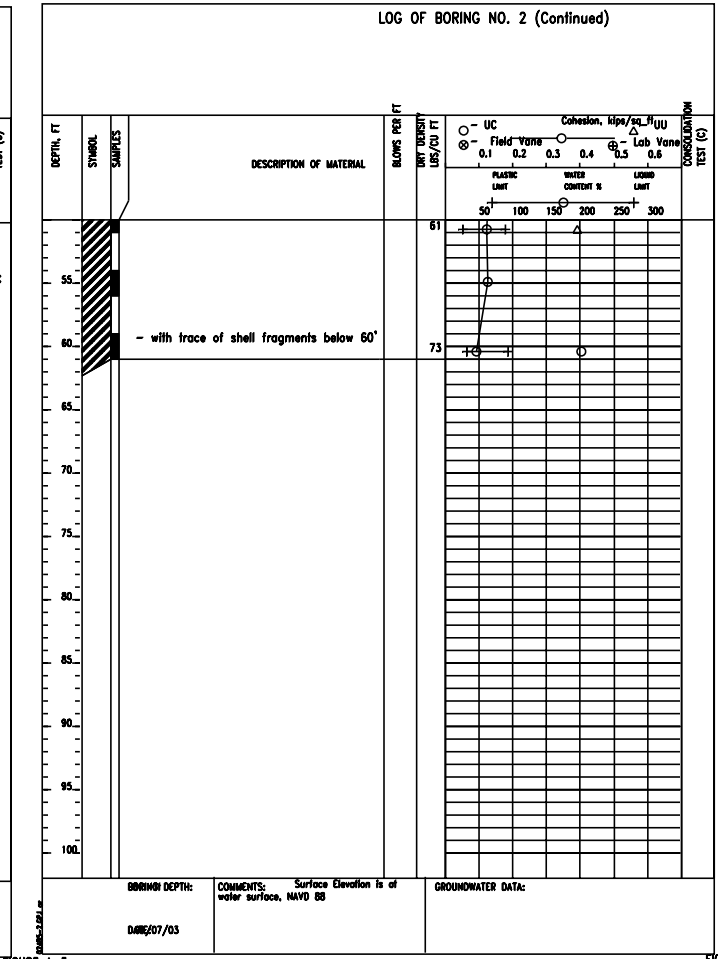
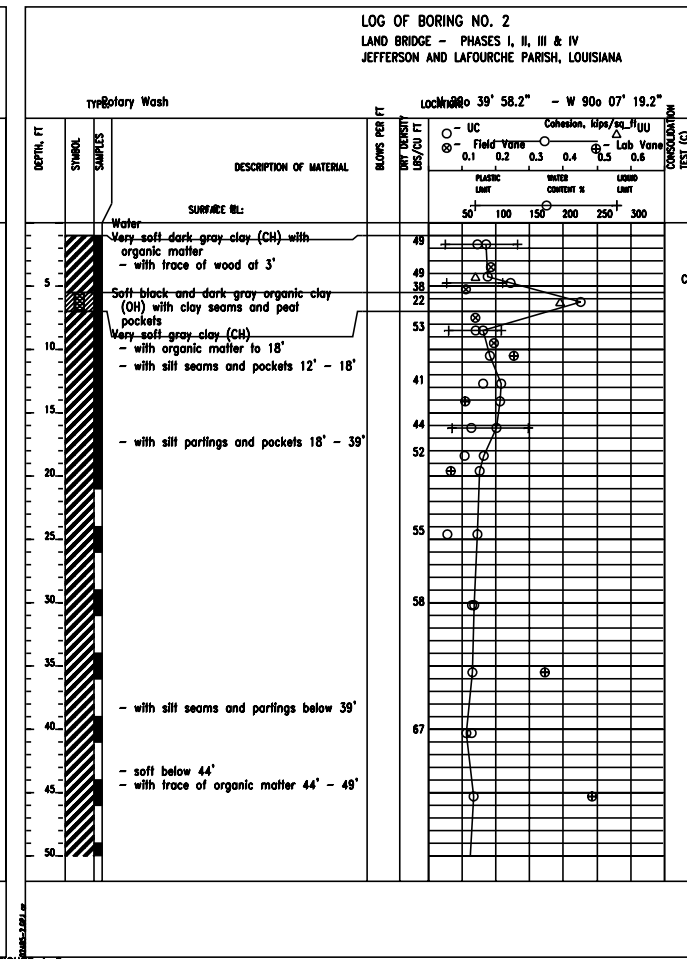
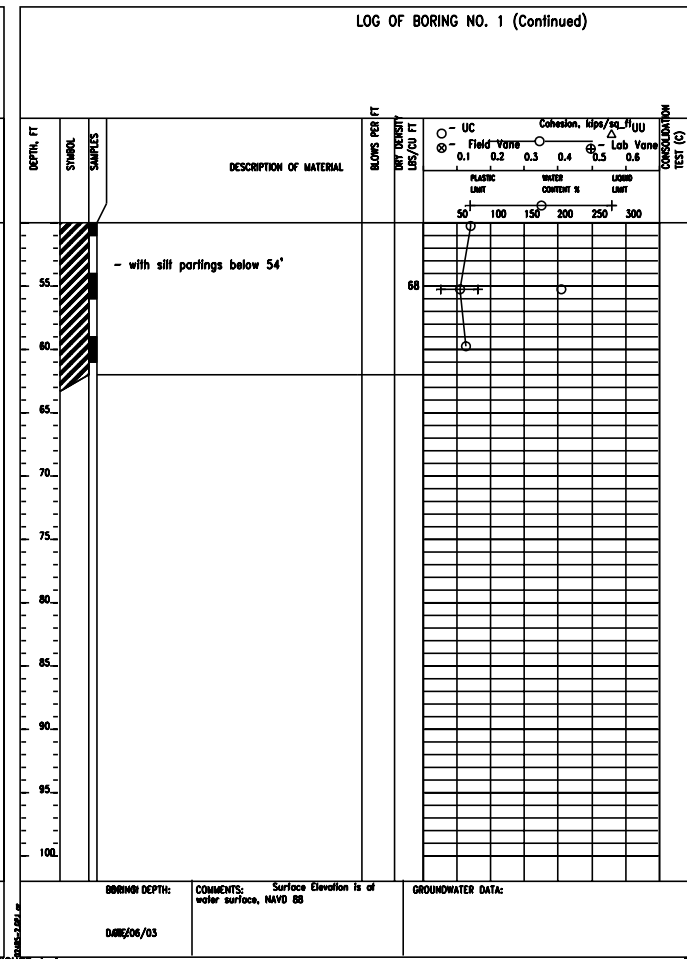
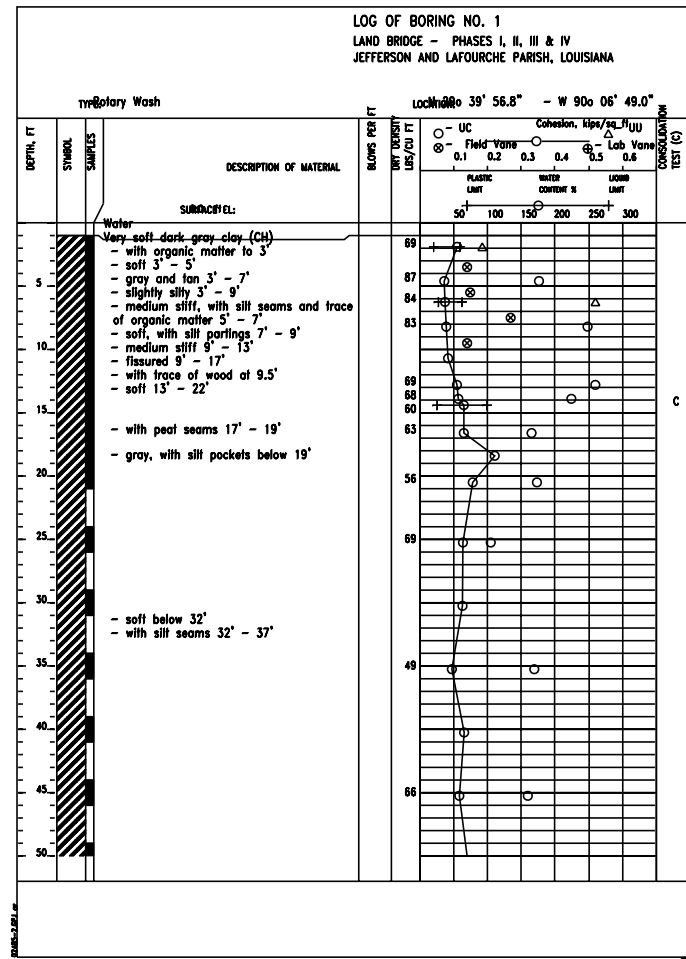


SECTION A-A

"AS-BUILT"

NOTE: STATIONING CORRESPONDS TO SHELL PIPELINE AS-BUILTS.

BURK KLEINPETER, INC. ENGINEERS, ARCHITECTS, PLANNERS, ENVIRONMENTAL SCIENTISTS 4176 CANAL STREET, NEW ORLEANS, LOUISIANA 70119-5994 (504) 466-9901 FAX (504) 466-1714		DATE 1/04 SCALE AS SHOWN SHEET NO. 28
DESIGNED M. ROBERTS CHECKED M. CHOPIN	DETAILED A. BRANCH BKJ JOB NO. 10142	
DETAILS - SHELL PIPELINE BARATARIA BASIN LANDBRIDGE PROJECT BA-27D-CU6 JEFFERSON PARISH, LA.		
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SHT. 28 OF 29		



"AS-BUILT"

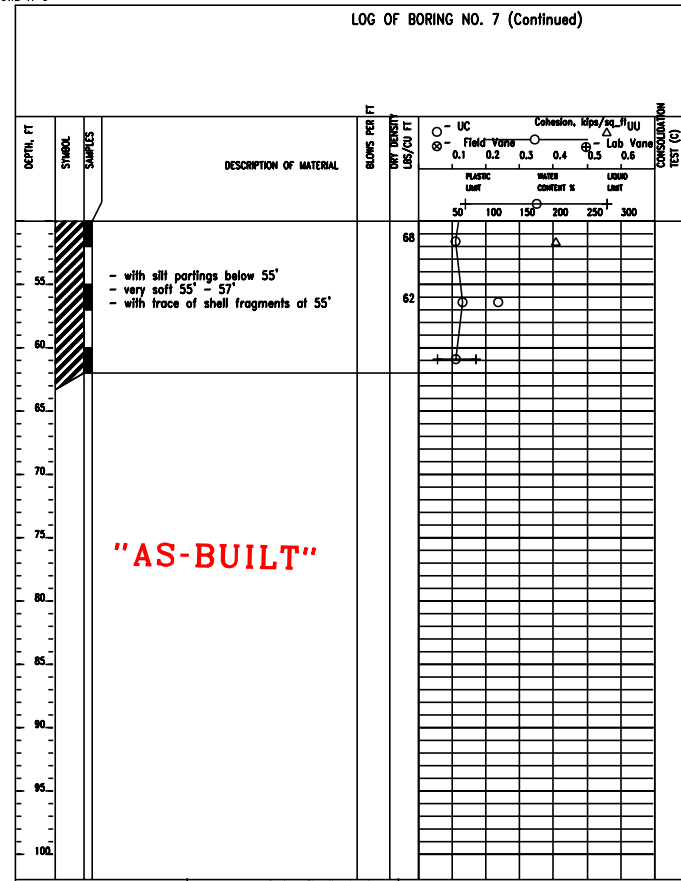
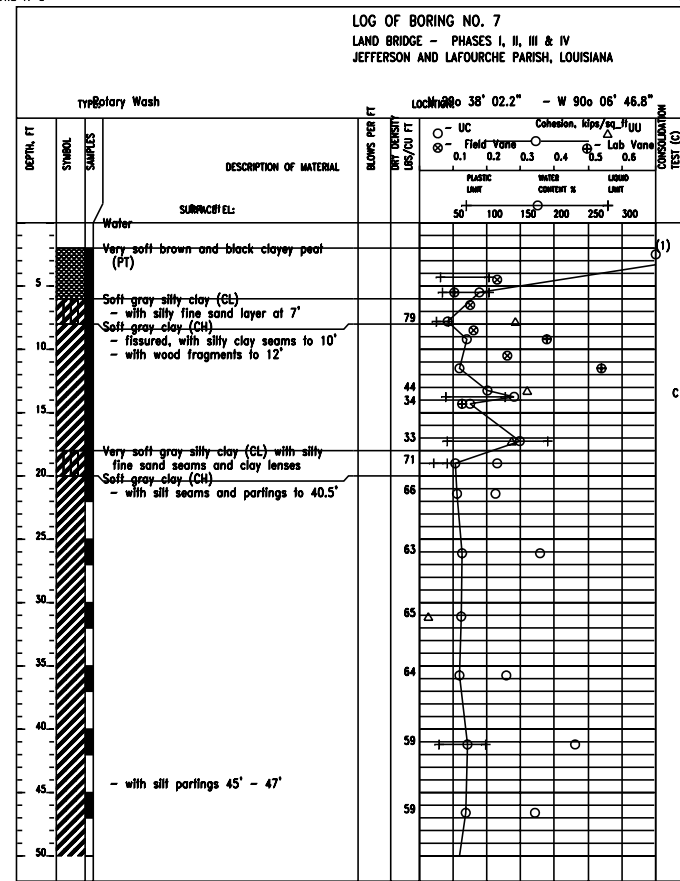
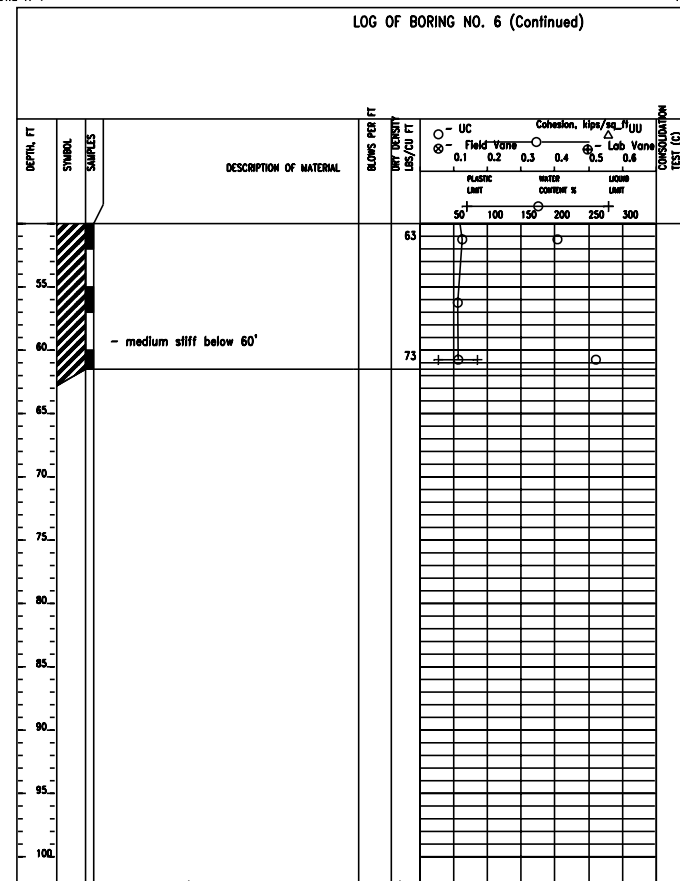
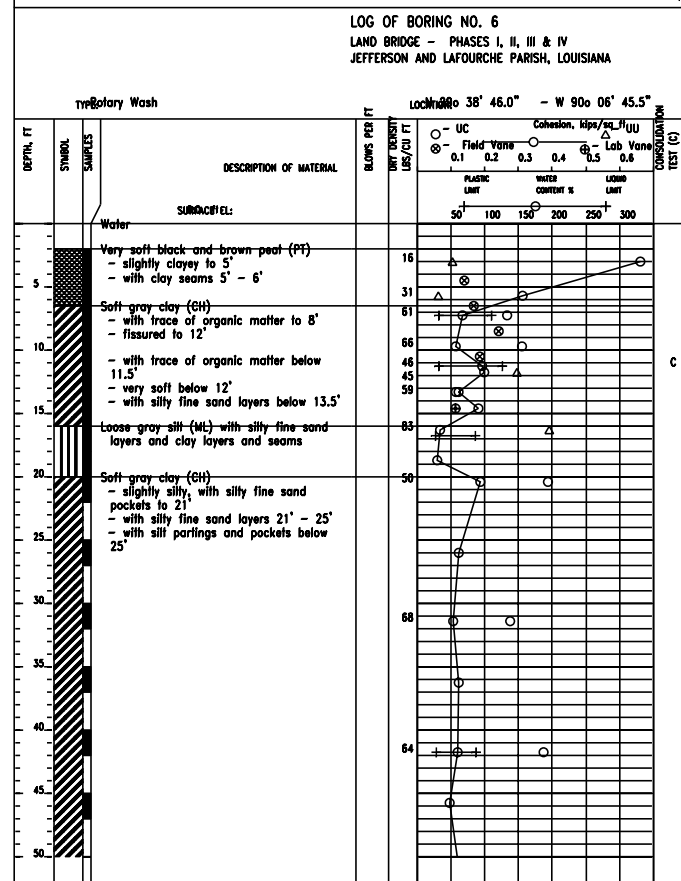
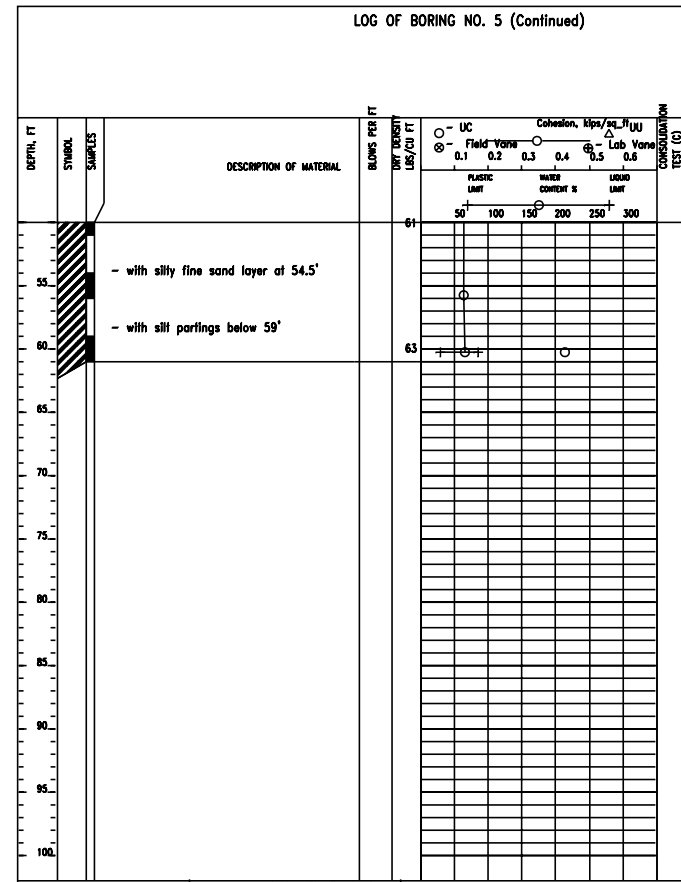
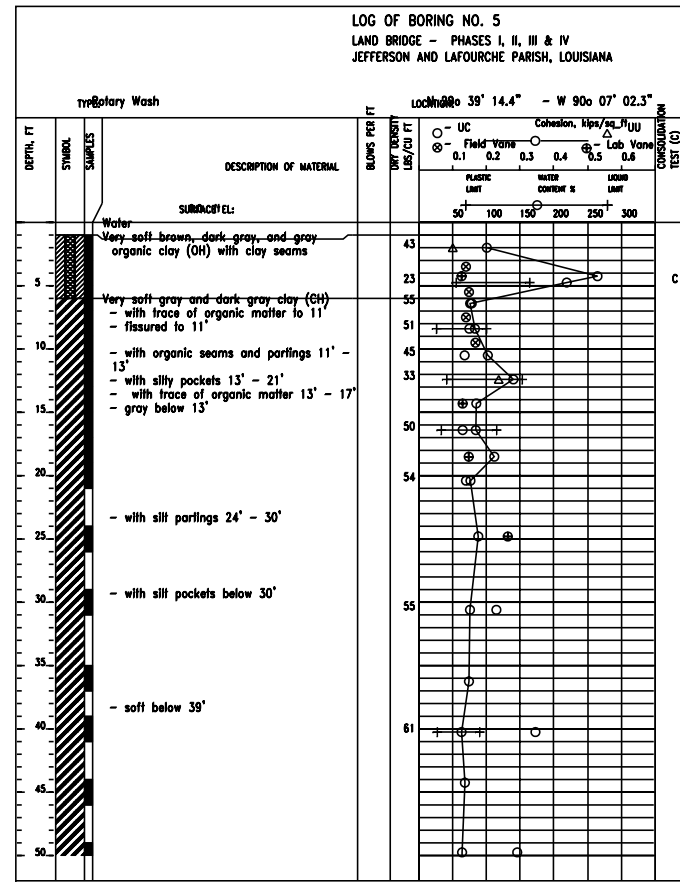
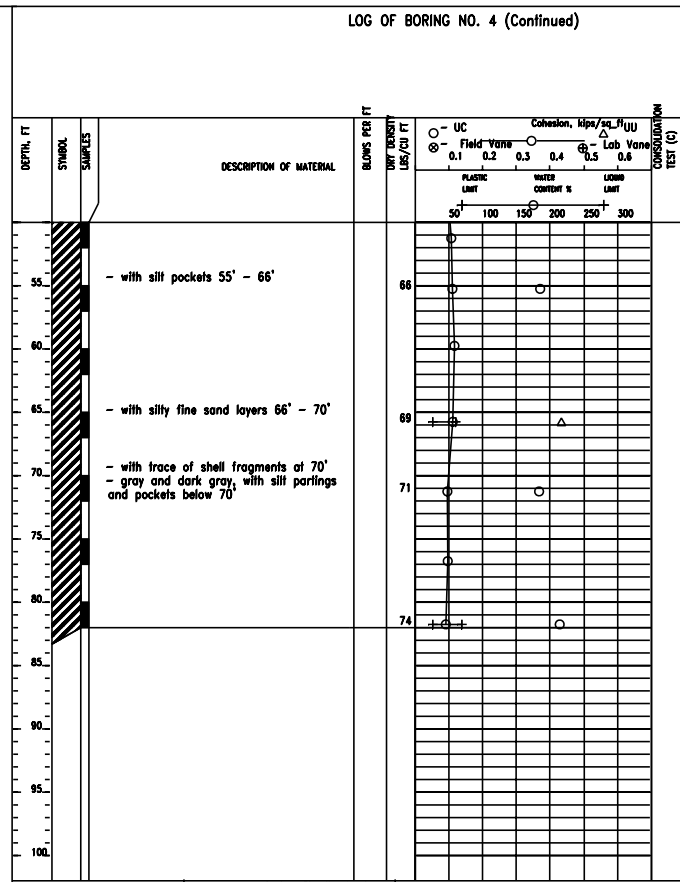
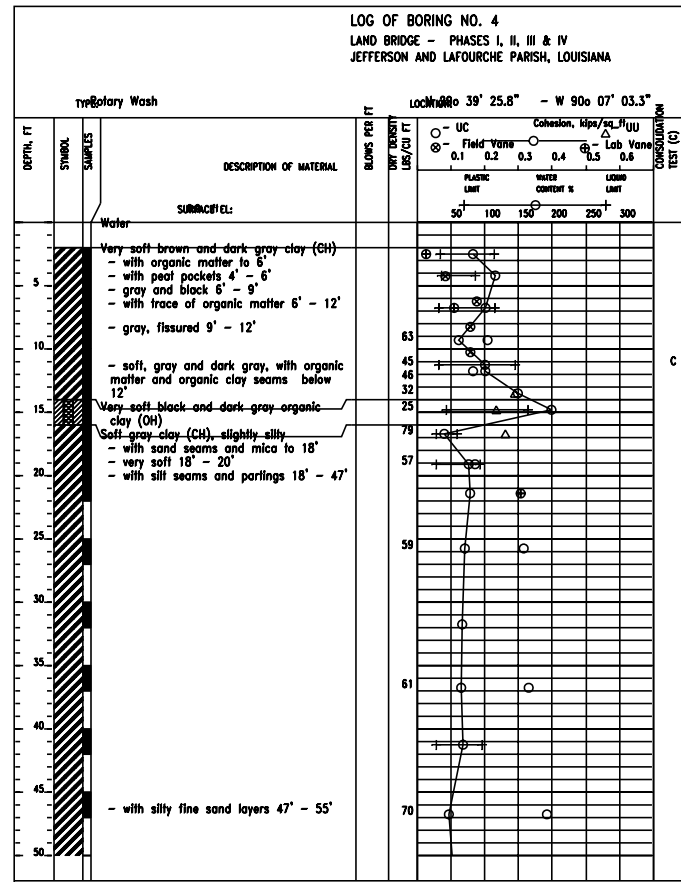
SOIL BORINGS
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27D-CU 6
JEFFERSON PARISH, LA.

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

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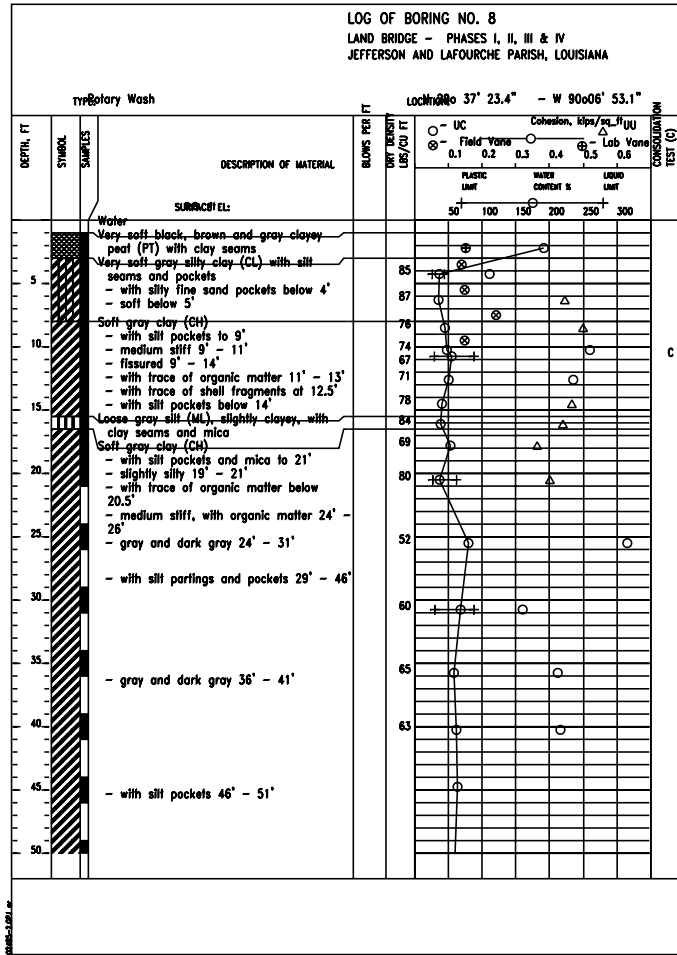


FIGURE A-15

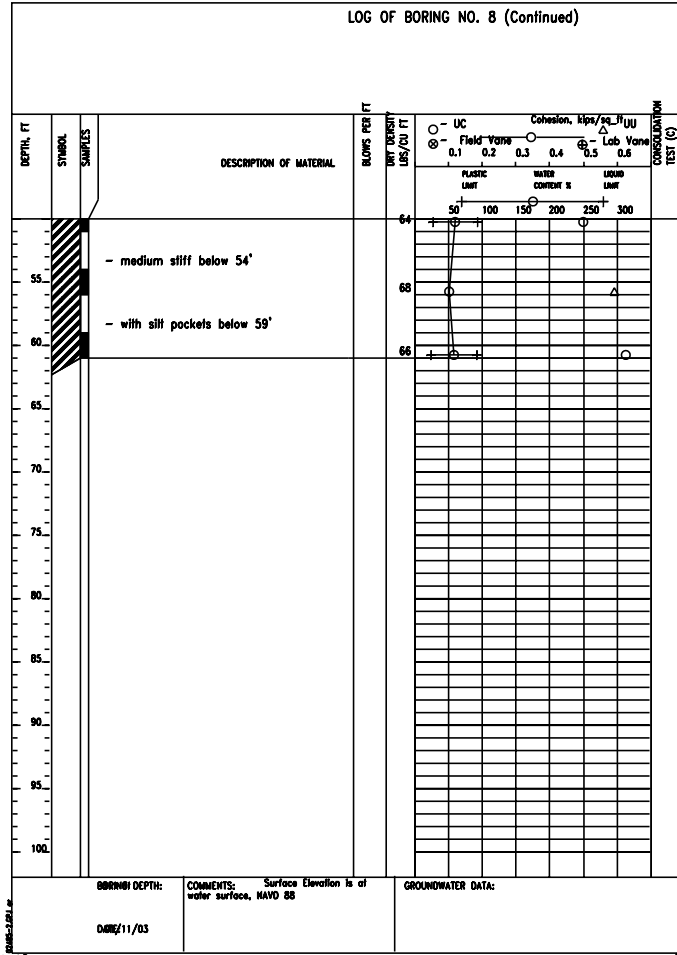


FIGURE A-16

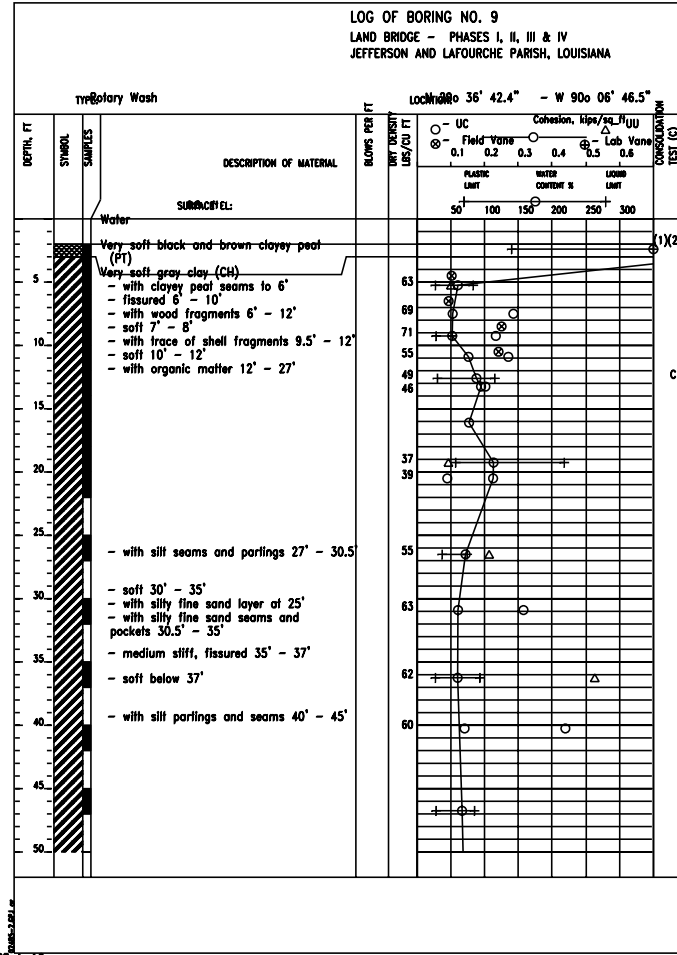


FIGURE A-17

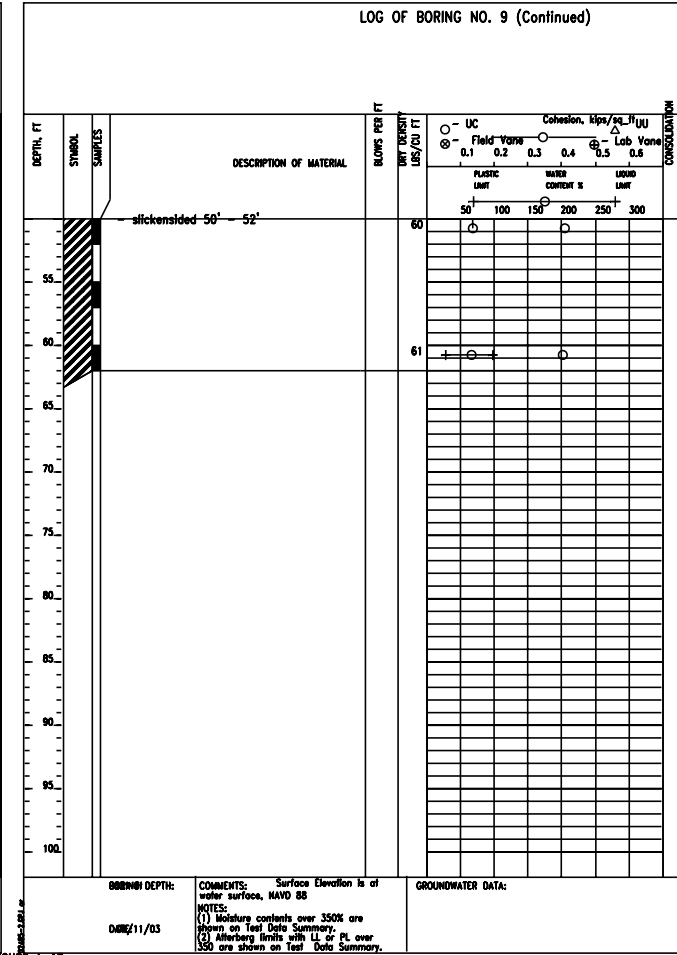


FIGURE A-18

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

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"AS-BUILT"