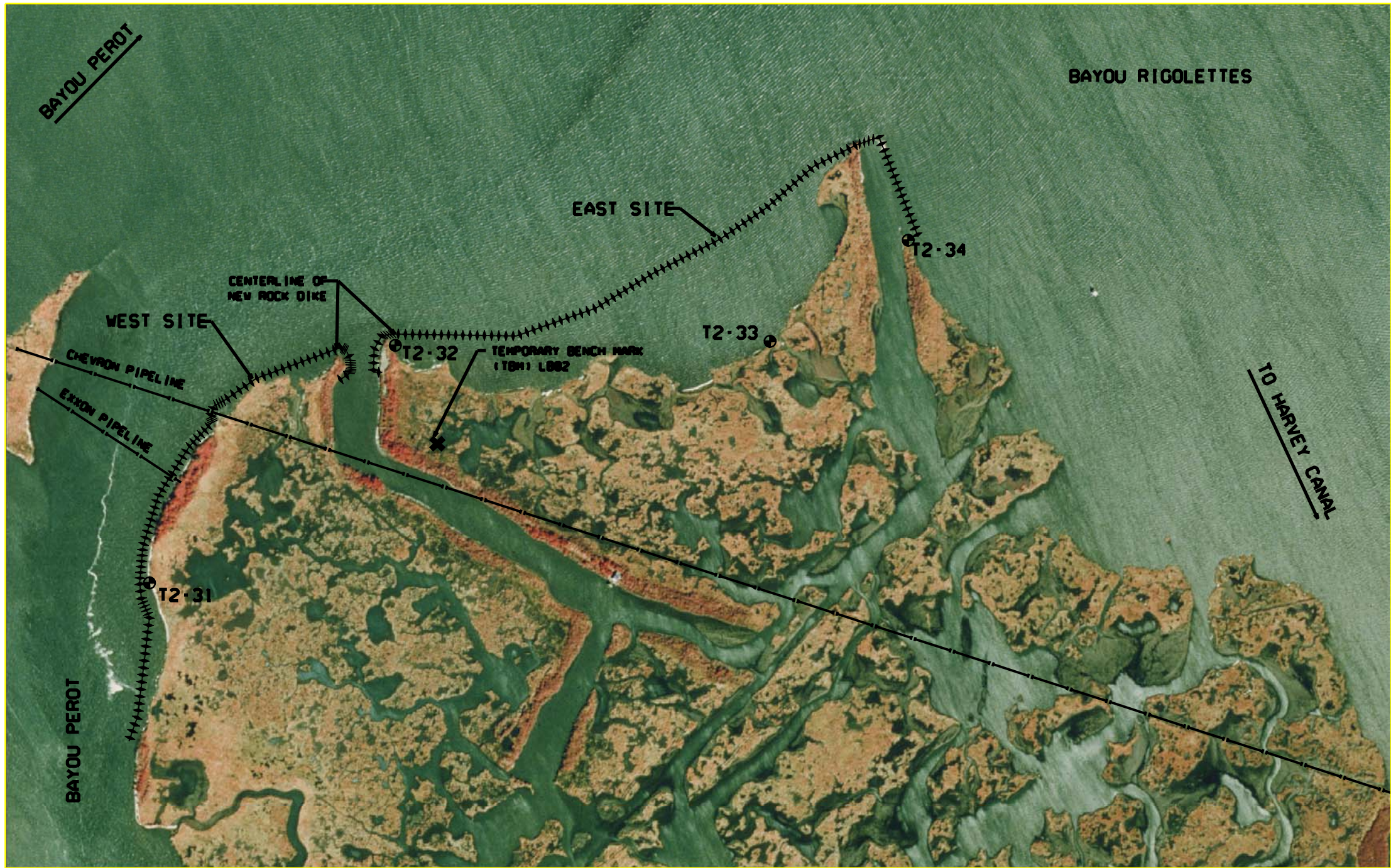




LEGEND

⊙ SOIL BORING

BARATARIA BASIN LANDBRIDGE PROJECT - CU-2



"AS-BUILT"

DATE OF COMPLETION 10/15/2002

T.B.M. DESCRIPTION

✕ TBM LB02
N 393520.972
E 3656394.054
EL. -2.95
3" TREATED FENCE POST
ORANGE FLAGGING

REVISIONS		TITLE
NO.	DATE	APPR.

CAD FILENAME

PROJECT NO.

LA-313

SHEET NO 02 OF 14

LAND RIGHTS MAP
BARATARIA BASIN LANDBRIDGE PROJECT
BA-27 CONSTRUCTION UNIT 2
JEFFERSON PARISH
LOUISIANA

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

BURKLE INPETER NC

ENGINEERS, ARCHITECTS, PLANNERS, ENVIRONMENTAL SCIENTISTS
4176 CANAL STREET, NEW ORLEANS, LOUISIANA 70114-5004
(504) 486-5901 FAX (504) 486-1714

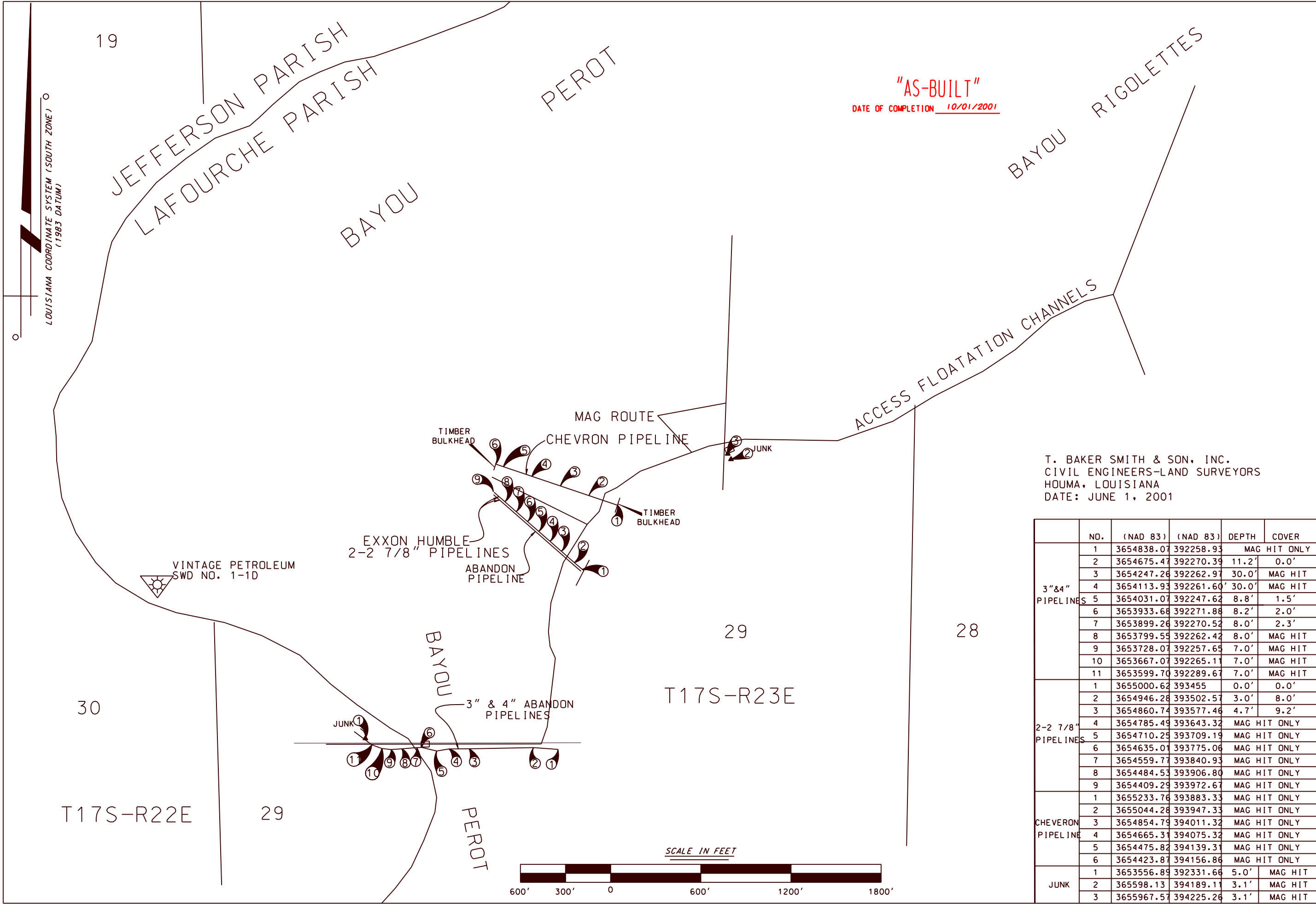
DESIGNED D.W.O.

CHECKED M.D.C.

DATE 7/1/01

SCALE AS SHOWN

SHEET NO. X



	NO.	(NAD 83)	(NAD 83)	DEPTH	COVER
3" & 4" PIPELINES	1	3654838.07	392258.93		MAG HIT ONLY
	2	3654675.47	392270.39	11.2'	0.0'
	3	3654247.26	392262.97	30.0'	MAG HIT
	4	3654113.93	392261.60	30.0'	MAG HIT
	5	3654031.07	392247.62	8.8'	1.5'
	6	3653933.68	392271.88	8.2'	2.0'
	7	3653899.26	392270.52	8.0'	2.3'
	8	3653799.55	392262.42	8.0'	MAG HIT
	9	3653728.07	392257.65	7.0'	MAG HIT
	10	3653667.07	392265.11	7.0'	MAG HIT
	11	3653599.70	392289.67	7.0'	MAG HIT
2-2 7/8" PIPELINES	1	3655000.62	393455	0.0'	0.0'
	2	3654946.28	393502.57	3.0'	8.0'
	3	3654860.74	393577.46	4.7'	9.2'
	4	3654785.49	393643.32		MAG HIT ONLY
	5	3654710.25	393709.19		MAG HIT ONLY
	6	3654635.01	393775.06		MAG HIT ONLY
	7	3654559.77	393840.93		MAG HIT ONLY
	8	3654484.53	393906.80		MAG HIT ONLY
	9	3654409.29	393972.67		MAG HIT ONLY
CHEVRON PIPELINE	1	3655233.76	393883.33		MAG HIT ONLY
	2	3655044.28	393947.33		MAG HIT ONLY
	3	3654854.79	394011.32		MAG HIT ONLY
	4	3654665.31	394075.32		MAG HIT ONLY
	5	3654475.82	394139.31		MAG HIT ONLY
	6	3654423.87	394156.86		MAG HIT ONLY
JUNK	1	3653556.89	392331.66	5.0'	MAG HIT
	2	365598.13	394189.11	3.1'	MAG HIT
	3	3655967.57	394225.26	3.1'	MAG HIT

ENGINEERS, ARCHITECTS, PLANNERS, ENVIRONMENTAL SCIENTISTS
4176 CANAL STREET, NEW ORLEANS, LOUISIANA 70119-9994
(504) 486-5901 FAX (504) 486-1714

BURK KLEIN PETER NG

DESIGNED D.W.D.
CHECKED M.D.C.

DATE 7/1/01
SCALE AS SHOWN
SHEET NO. X

MAGNETOMETER SURVEY RESULTS
BARATARIA BASIN LANDBRIDGE PROJECT
BA-27 CONSTRUCTION UNIT 2
JEFFERSON PARISHES
LOUISIANA

REVISIONS
NO. DATE APPR. TITLE

CAD FILE NO.

DRAWING NO.
LA-313

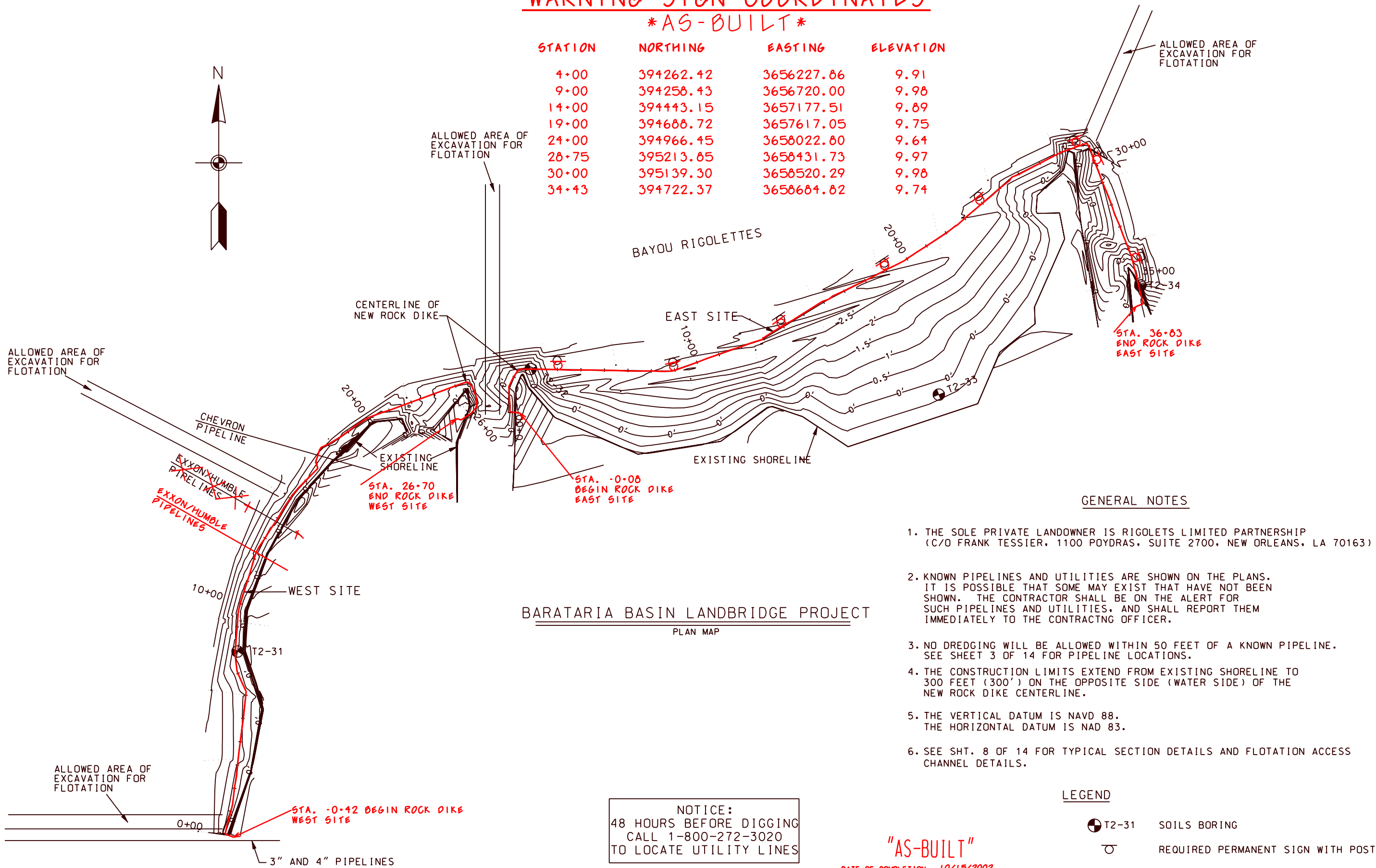
Sht. 03 of 14

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

WARNING SIGN COORDINATES

AS-BUILT

STATION	NORTHING	EASTING	ELEVATION
4+00	394262.42	3656227.86	9.91
9+00	394258.43	3656720.00	9.98
14+00	394443.15	3657177.51	9.89
19+00	394688.72	3657617.05	9.75
24+00	394966.45	3658022.80	9.64
28+75	395213.85	3658431.73	9.97
30+00	395139.30	3658520.29	9.98
34+43	394722.37	3658684.82	9.74



BARATARIA BASIN LANDBRIDGE PROJECT
PLAN MAP

GENERAL NOTES

1. THE SOLE PRIVATE LANDOWNER IS RIGOLETS LIMITED PARTNERSHIP (C/O FRANK TESSIER, 1100 POYDRAS, SUITE 2700, NEW ORLEANS, LA 70163)
2. 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.
3. NO DREDGING WILL BE ALLOWED WITHIN 50 FEET OF A KNOWN PIPELINE. SEE SHEET 3 OF 14 FOR PIPELINE LOCATIONS.
4. THE CONSTRUCTION LIMITS EXTEND FROM EXISTING SHORELINE TO 300 FEET (300') ON THE OPPOSITE SIDE (WATER SIDE) OF THE NEW ROCK DIKE CENTERLINE.
5. THE VERTICAL DATUM IS NAVD 88. THE HORIZONTAL DATUM IS NAD 83.
6. SEE SHT. 8 OF 14 FOR TYPICAL SECTION DETAILS AND FLOTATION ACCESS CHANNEL DETAILS.

LEGEND

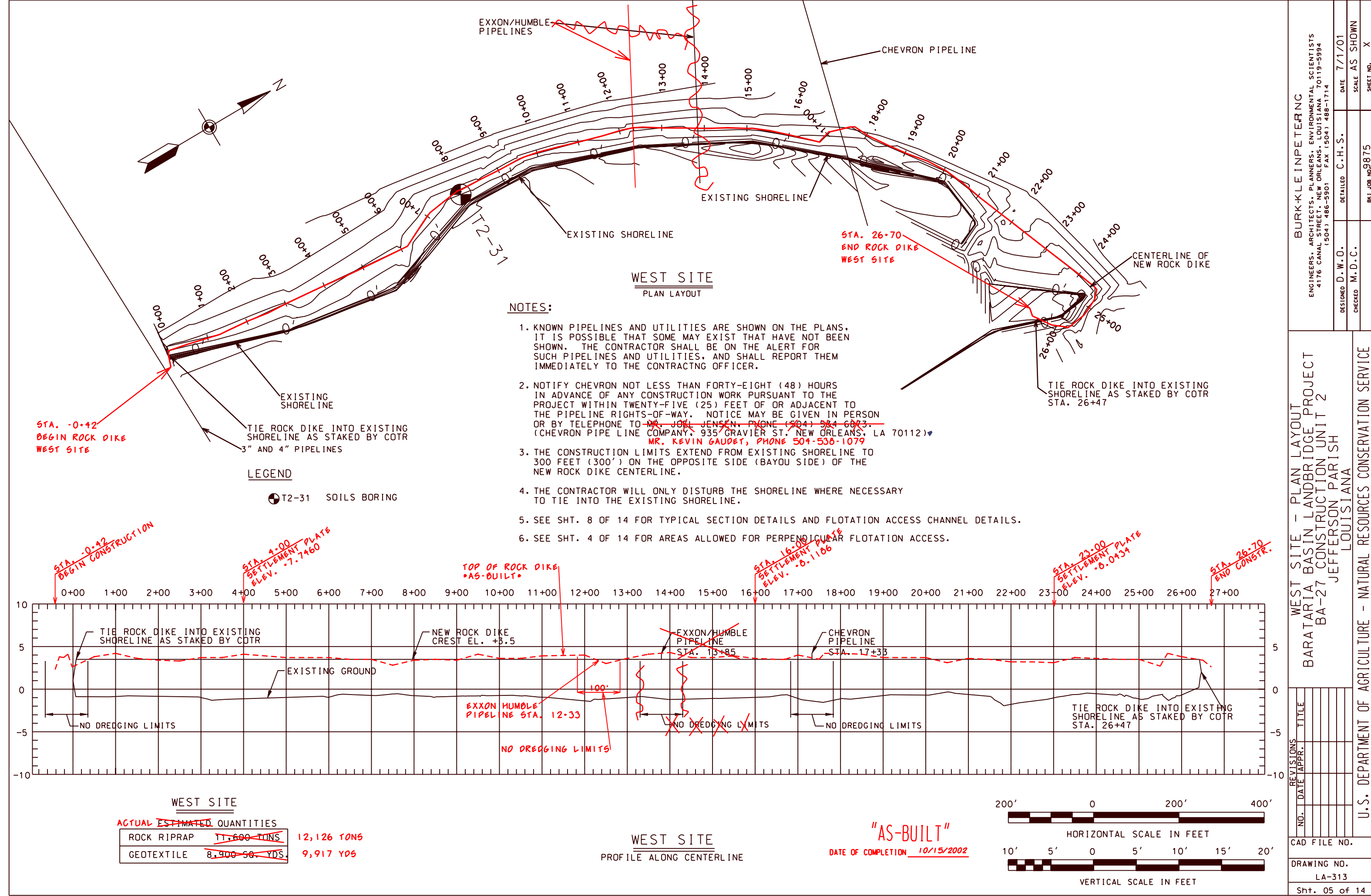
- T2-31 SOILS BORING
- REQUIRED PERMANENT SIGN WITH POST

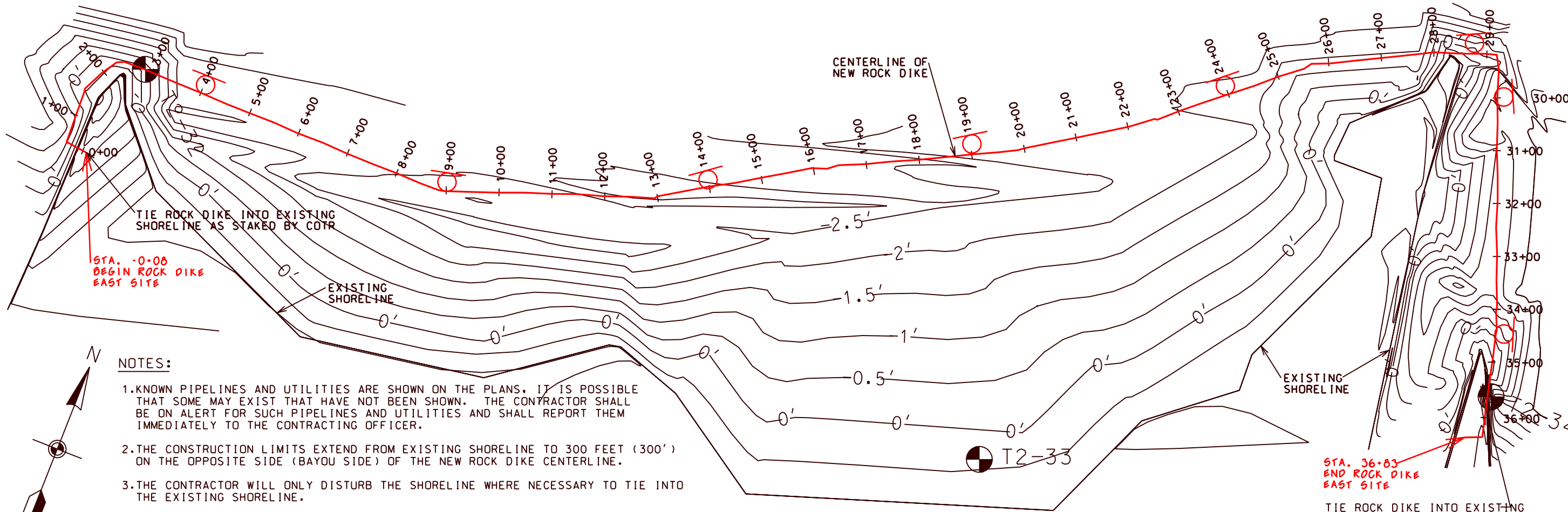
NOTICE:
48 HOURS BEFORE DIGGING
CALL 1-800-272-3020
TO LOCATE UTILITY LINES

"AS-BUILT"
DATE OF COMPLETION 10/15/2002



BURKLEINPETERNG ENGINEERS, ARCHITECTS, PLANNERS, ENVIRONMENTAL SCIENTISTS 4176 CANAL STREET, NEW ORLEANS, LOUISIANA 70119-5994 (504) 486-5901 FAX (504) 488-1714		DATE 7/1/01 SCALE AS SHOWN X SHEET NO.
DESIGNED D.W.O. CHECKED M.D.C.	DATE 7/1/01 SCALE AS SHOWN X SHEET NO.	
PLAN MAP BARATARIA BASIN LANDBRIDGE PROJECT BA-27 CONSTRUCTION UNIT 2 JEFFERSON PARISH LOUISIANA		
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE		
REVISIONS NO. DATE APPR. TITLE	CAD FILE NO.	
DRAWING NO. LA-313		Sht. 04 of 14





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 ALERT FOR SUCH PIPELINES AND UTILITIES AND SHALL REPORT THEM IMMEDIATELY TO THE CONTRACTING OFFICER.
2. THE CONSTRUCTION LIMITS EXTEND FROM EXISTING SHORELINE TO 300 FEET (300') ON THE OPPOSITE SIDE (BAYOU SIDE) OF THE NEW ROCK DIKE CENTERLINE.
3. THE CONTRACTOR WILL ONLY DISTURB THE SHORELINE WHERE NECESSARY TO TIE INTO THE EXISTING SHORELINE.
4. SEE SHT. 8 OF 14 FOR TYPICAL SECTION DETAILS AND FLOTATION ACCESS CHANNEL DETAILS.
5. SEE SHT. 4 OF 14 FOR AREAS ALLOWED FOR PERPENDICULAR FLOTATION ACCESS.

EAST SITE
PLAN LAYOUT

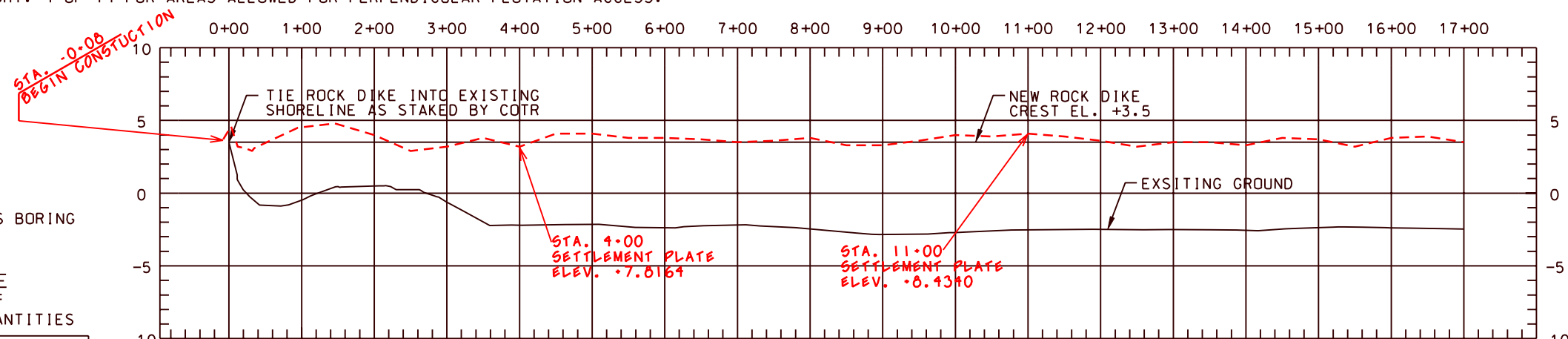
LEGEND

SOILS BORING

EAST SITE

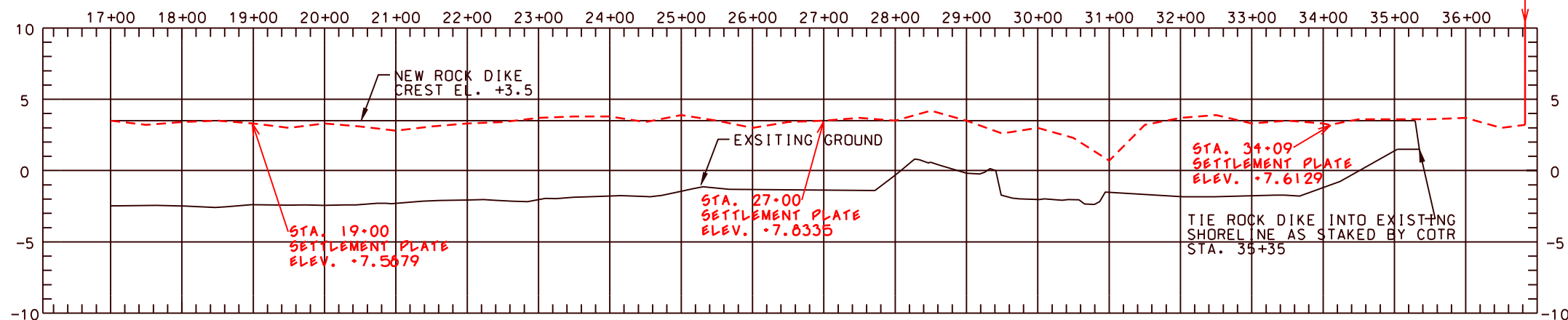
ACTUAL ESTIMATED QUANTITIES

ROCK RIPRAP	23,100 TONS	19,958 TONS
GEOTEXTILE	13,100 SQ. YDS.	12,734 YDS.



EAST SITE

PROFILE ALONG CENTERLINE



"AS-BUILT"

DATE OF COMPLETION 10/15/2002

BURKLEINPETERNG ENGINEERS, ARCHITECTS, PLANNERS, ENVIRONMENTAL SCIENTISTS 4116 CANAL STREET, NEW ORLEANS, LOUISIANA 70119-5994 (504) 486-5901 FAX (504) 486-1714		DATE 7/1/01	SCALE AS SHOWN	SHEET NO. X
DESIGNED D.W.O.	CHECKED M.D.C.	DETAILED C.H.S.	BN1 JOB NO.9875	
EAST SITE - PLAN LAYOUT BARATARIA BASIN LANDBRIDGE PROJECT BA-27 CONSTRUCTION UNIT 2 JEFFERSON PARISH LOUISIANA				
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE				
CAD FILE NO.		DRAWING NO. LA-313		
Sht. 06 of 14				

WEST SITE COORDINATES

STATION	NORTHING	EASTING
STA. 0+00	392269.70	3654799.90
STA. 1+00	392364.05	3654833.05
STA. 1+29 (PI)	392391.48	3654842.39
STA. 2+00	392461.90	3654851.09
STA. 3+00	392561.20	3654862.95
STA. 4+00	392660.49	3654874.80
STA. 5+00	392759.79	3654886.65
STA. 6+00	392859.08	3654898.51
STA. 6+16 (PI)	392874.93	3654900.40
STA. 7+00	392951.64	3654866.08
STA. 7+11 (PI)	392961.73	3654861.57
STA. 7+92 (PI)	393043.86	3654852.45
STA. 8+00	393050.15	3654853.02
STA. 9+00	393149.75	3654862.02
STA. 9+71 (PI)	393220.12	3654868.37
STA. 10+00	393248.18	3654876.93
STA. 11+00	393343.83	3654906.11
STA. 12+00	393439.48	3654935.28
STA. 12+33 (PI)	393469.44	3654944.42
STA. 13+00	393527.59	3654980.94
STA. 14+00	393612.70	3655034.24
STA. 15+00	393696.81	3655087.55
STA. 15+13 (PI)	393707.52	3655094.29
STA. 16+00	393770.68	3655154.62
STA. 16+74 (PI)	393824.63	3655206.08
STA. 17+00	393849.37	3655200.26
STA. 17+09 (PI)	393858.50	3655198.12
STA. 17+58 (PI)	393905.69	3655214.64
STA. 18+00	393924.33	3655250.74
STA. 18+18 (PI)	393932.61	3655266.77
STA. 19+00	393979.18	3655334.21
STA. 20+00	394035.99	3655416.50
STA. 20+07 (PI)	394040.21	3655422.61
STA. 21+00	394071.97	3655509.57
STA. 22+00	394106.27	3655603.50
STA. 23+00	394140.57	3655697.44
STA. 24+00	394174.87	3655791.37
STA. 24+48 (PI)	394191.37	3655836.55
STA. 24+77 (PI)	394175.58	3655860.05
STA. 25+00	394154.01	3655869.61
STA. 25+21 (PI)	394134.69	3655878.17
STA. 25+69 (PI)	394086.81	3655883.28
STA. 25+96 (PI)	394061.77	3655873.29
STA. 26+00	394059.74	3655870.14
STA. 26+47	394034.16	3655830.41

EAST SITE COORDINATES

STATION	NORTHING	EASTING
STA. 0+00	394061.79	3656057.57
STA. 0+42 (PI)	394061.63	3656015.73
STA. 1+00	394119.78	3656017.08
STA. 1+53 (PI)	394172.24	3656078.29
STA. 2+00	394213.85	3656041.24
STA. 2+30 (PI)	394240.22	3656055.77
STA. 2+86 (PI)	394247.95	3656111.26
STA. 3+00	394247.73	3656125.13
STA. 4+00	394246.13	3656225.11
STA. 5+00	394244.53	3656325.10
STA. 6+00	394242.93	3656425.09
STA. 7+00	394241.34	3656525.08
STA. 8+00	394239.74	3656625.06
STA. 8+85 (PI)	394238.38	3656710.11
STA. 9+00	394243.31	3656724.22
STA. 10+00	394276.27	3656818.63
STA. 11+00	394309.24	3656913.04
STA. 12+00	394342.21	3657007.45
STA. 12+95 (PI)	394373.52	3657097.11
STA. 13+00	394376.13	3657101.41
STA. 14+00	394427.98	3657186.91
STA. 15+00	394479.83	3657272.42
STA. 16+00	394531.68	3657357.93
STA. 16+25 (PI)	394544.52	3657379.11
STA. 17+00	394578.71	3657446.12
STA. 18+00	394624.17	3657535.19
STA. 19+00	394669.62	3657624.27
STA. 19+87 (PI)	394709.39	3657702.20
STA. 20+00	394716.35	3657712.59
STA. 21+00	394772.05	3657795.64
STA. 22+00	394827.74	3657878.70
STA. 22+57 (PI)	394859.52	3657926.10
STA. 23+00	394887.88	3657958.33
STA. 24+00	394953.93	3658033.41
STA. 25+00	395019.99	3658108.49
STA. 25+67 (PI)	395064.52	3658159.11
STA. 26+00	395079.20	3658188.19
STA. 27+00	395124.28	3658277.46
STA. 27+96 (PI)	395167.52	3658363.10
STA. 28+00	395168.88	3658366.93
STA. 29+00	395202.36	3658461.15
STA. 29+19 (PI)	395208.65	3658478.87
STA. 30+00	395133.09	3658508.59
STA. 31+00	395040.03	3658545.20
STA. 32+00	394946.97	3658581.81
STA. 33+00	394853.91	3658618.41
STA. 34+00	394760.85	3658655.02
STA. 34+43 (PI)	394722.52	3658670.10

LEGEND
PI = POINT OF INTERSECTION

PIPELINE COORDINATES

STATION	NORTHING	EASTING
STA. 13+85 (EXXON)	393599.15	3655026.02
STA. 17+33 (CHEVRON)	393880.33	3655205.77

"AS-BUILT"
DATE OF COMPLETION 10/15/2002

SEE SHEET 7A FOR REVISED COORDINATES FOR EAST AND WEST SITES

BURKLEINPETERNG

ENGINEERS, ARCHITECTS, PLANNERS, ENVIRONMENTAL SCIENTISTS

4176 CANAL STREET, NEW ORLEANS, LOUISIANA 70119-5994

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

DESIGNED D. W. O.

CHECKED M. D. C.

DATE 7/1/01

SCALE AS SHOWN

SHEET NO. X

COORDINATES OF CENTERLINE ALIGNMENT

BARATARIA BASIN LANDBRIDGE PROJECT

BA-27 CONSTRUCTION UNIT 2

JEFFERSON PARISH

LOUISIANA

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

REVISIONS

NO.	DATE	APPR.	TITLE

CAD FILE NO.

DRAWING NO.
LA-313

Sht. 07 of 14

AS-BUILT COORDINATES-WEST SITE					AS-BUILT COORDINATES-EAST SITE					AS-BUILT COORDINATES-EAST SITE*CON'T*					Date
STATION	POINT	EASTING *X*	NORTHING *Y*	ELEVATION *Z*	STATION	POINT	EASTING *X*	NORTHING *Y*	ELEVATION *Z*	STATION	POINT	EASTING *X*	NORTHING *Y*	ELEVATION *Z*	12/ 02
-0+12	P00	3654047.0100	392253.0500	2.2700	-0+08	P00	3656064.9605	394060.7300	3.7000	31+50		3650563.9305	394997.2400	3.1000	Approved by E. J. Grémillion, Inc.
-0+32		3654037.0900	392257.7000	3.0300	-0+03		3656055.2005	394061.6700	4.5600	32+00		3650500.0405	394953.4700	3.7600	Designed
-0+22		3654020.6500	392260.7500	3.7400	0+12		3656045.0005	394062.7600	3.1000	32+50		3650596.9405	394905.0000	3.0700	Drawn
0+12		3654010.9200	392264.0600	4.1500	0+22		3656036.0205	394064.1600	3.0000	33+00		3650617.5305	394050.1300	3.3200	Traced
-0+02		3654011.1200	392260.4100	2.6100	0+32		3656025.6105	394065.4300	2.9000	33+50		3650634.1405	394011.0000	3.5200	Checked
0+50		3654022.1400	392316.6900	3.7700	0+35		3656022.0105	394065.5900	3.1500	34+00		3650653.4105	394766.3400	3.3100	Sticker
1+00		3654035.9400	392366.7400	4.2100	0+95		3656020.9705	394114.0000	4.5000	34+09		3650655.1005	394757.0700	3.2200	
1+29	PI	3654042.3900	392391.4000	0.0000	1+16		3656019.4905	394165.6900	4.0300	34+13	PI	3650670.1005	394722.5200	0.0000	
1+50		3654045.2300	392416.0000	3.6100	1+53	PI	3656010.2905	394172.2400	0.0000	34+50		3650670.1005	394710.0200	3.5700	
2+00		3654050.9300	392464.9400	3.3900	2+00		3656037.1205	394211.6400	3.9000	35+00		3650602.1005	394671.5200	3.5900	
2+50		3654059.0000	392515.2000	3.3100	2+30	PI	3656055.7705	394240.2200	0.0000	35+50		3650694.0605	394620.5900	3.5900	
3+00		3654064.1100	392565.6600	3.7500	2+50		3656069.4605	394246.5600	2.0900	36+00		3650706.2905	394571.1600	3.7500	
3+50		3654069.0300	392614.0400	3.6600	2+86	PI	3656111.7616	394247.4510	0.0000	36+50		3650717.9605	394525.0000	3.0100	
4+00		3654075.3700	392660.4900	4.1300	3+00		3656121.4005	394247.2000	3.2200	36+03	P00	3650606.6505	394513.1700	3.2000	
4+50		3654082.3000	392710.5000	3.9300	3+50		3656175.6405	394245.6900	3.7700						
5+00		3654080.3300	392760.0000	3.6000	4+00		3656226.0705	394245.0700	3.1500						
5+50		3654093.6900	392810.3400	3.6000	4+50		3656275.0405	394243.3000	4.0700						
6+00		3654090.0700	392850.0900	3.7500	5+00		3656325.2105	394242.9500	4.0700						
6+16	PI	3654900.4000	392074.9300	0.0000	5+50		3656374.9205	394243.2700	3.0400						
6+50		3654004.1200	392909.6000	3.4900	6+00		3656424.3705	394241.1200	3.7000						
7+00		3654004.3300	392953.3500	3.5100	6+50		3656474.1605	394241.5700	3.6600						
7+11	PI	3654001.5700	392961.7300	0.0000	7+00		3656523.5205	394239.4400	3.5100						
7+50		3654056.7200	393002.5600	2.0300	7+50		3656573.7605	394230.7600	3.5900						
7+92	PI	3654052.4500	393043.0600	0.0000	8+00		3656624.6405	394239.0200	3.7500						
8+00		3654055.0100	393054.5300	3.3000	8+50	PI	3656673.0905	394237.6100	3.2600						
8+50		3654050.2000	393104.0000	3.5400	9+00		3656710.1105	394230.3000	0.0000						
9+00		3654063.0100	393155.7100	3.3700	9+50		3656720.0605	394240.3500	3.3300						
9+50		3654065.6100	393204.9400	4.0600	10+00		3656769.1405	394257.5600	3.6100						
9+71	PI	3654060.3700	393220.1200	0.0000	10+50		3656015.0005	394274.6600	3.9500						
10+00		3654076.1300	393253.2000	3.6500	10+50		3656062.2105	394292.0500	3.0600						
10+50		3654091.1500	393300.9000	3.6200	11+00		3656911.5305	394309.7700	4.0000						
11+00		3654906.7400	393340.1100	3.0300	11+50		3656950.6405	394327.6600	3.9000						
11+50		3654922.0700	393390.7700	3.0600	12+00		3657006.7705	394342.5400	3.5600						
12+00		3654935.2200	393444.3700	4.0000	12+50	PI	3657052.9005	394359.6000	3.1600						
12+33	PI	3654944.4200	393469.4400	0.0000	12+95		3657097.1105	394373.5200	0.0000						
12+50		3654955.9900	393490.9500	2.9000	13+00		3657099.2605	394370.5600	3.4600						
13+00		3654903.5000	393531.4700	3.5600	13+50		3657141.9705	394405.4300	3.4500						
13+50		3655009.9300	393573.5200	4.1200	14+00		3657103.7305	394431.7900	3.3300						
13+00	PI	3655026.0200	393599.1500	0.0000	14+50		3657226.7905	394455.9200	3.7700						
14+00		3655037.6300	393615.0600	4.3200	15+00		3657260.1105	394402.2900	3.6000						
14+50		3655062.6700	393659.2000	3.6600	15+50		3657310.9505	394509.2000	3.2400						
15+00		3655090.7900	393700.4500	3.6900	16+00		3657351.7005	394535.1000	3.7000						
15+13	PI	3655094.2900	393707.5200	0.0000	16+25	PI	3657379.1105	394544.5200	0.0000						
15+50		3655122.1000	393740.7900	3.0900	16+50		3657397.2005	394550.9500	3.0500						
16+00		3655156.0200	393775.1400	3.6200	17+00		3657443.5505	394579.3100	3.4500						
16+50		3655191.3400	393010.3700	3.4000	17+50		3657407.6205	394601.0900	3.1600						
16+74	PI	3655206.0000	393024.5300	0.0000	18+00		3657533.0105	394623.7700	3.3600						
16+70		3655203.7200	393026.7500	3.4700	18+50		3657577.7905	394646.3500	3.4000						
17+00		3655196.7200	393055.1000	4.0300	19+00		3657625.6105	394671.1600	3.2000						
17+09	PI	3655190.1200	393050.5000	0.0000	19+50		3657670.2005	394692.0400	3.0100						
17+32	PI	3655205.7700	393000.3300	0.0000	19+07	PI	3657702.2005	394709.3900	0.0000						
17+50		3655212.7700	393902.5000	3.4700	20+00		3657713.0205	394710.3000	3.2500						
17+50	PI	3655214.6400	393905.6900	0.0000	20+50		3657754.7705	394744.9200	3.0000						
18+00		3655254.6700	393929.4600	4.2100	21+00		3657797.5005	394772.7700	2.7900						
18+50		3655296.0100	393956.0500	4.0600	21+50		3657040.7205	394000.7900	3.0000						
19+00		3655337.5100	393904.0500	3.7300	22+00		3657001.5705	394027.9700	3.2500						
19+50		3655370.0600	394015.6200	3.7300	22+50		3657921.2005	394059.2500	3.3600						
20+00		3655420.6400	394040.6100	3.6600	22+57	PI	3657926.1005	394059.5200	0.0000						
20+50		3655400.4500	394059.0200	3.1200	23+00		3657959.6005	394090.5000	3.6700						
21+00		3655516.7000	394074.4000	3.6400	23+50		3657997.7605	394923.1700	3.7700						
21+50		3655562.1000	394091.3600	3.5200	24+00		3650035.5405	394954.6700	3.0200						
22+00		3655609.7700	394109.0300	3.1000	24+50		3650073.3905	394905.9900	3.3600						
22+50		3655655.2200	394125.6300	3.1600	25+00		3650109.0105	395019.3700	3.0600						
23+00		3655702.9000	394142.9500	3.0900	25+50		3650149.1305	395050.4200	3.4600						
23+50		3655751.1000	394160.9000	3.6700	25+67	PI	3650159.1105	395064.5200	0.0000						
24+00		3655795.9900	394177.0000	3.5900	26+00		3650190.7005	395077.7400	2.9700						
24+10	PI	3655036.5500	394191.3700	0.0000	26+50		3650235.4505	395101.2100	3.3500						
24+50		3655043.1500	394191.9900	3.4700	27+00		3650201.3905	395125.0900	3.4900						
24+77	PI	3655060.0500	394175.5000	0.0000	27+50		3650323.4605	395146.0000	3.7300						
25+00		3655071.4600	394151.7900	3.4000	28+00		3650367.5105	395170.2300	3.5300						
25+21	PI	3655070.1700	394134.6900	0.0000	28+50		3650413.0505	395105.6100	4.2400						
25+50		3655002.3100	394101.6900	2.6600	29+00		3650450.5005	395202.9500	3.5300						
25+69	PI	3655003.2000	394006.0100	0.0000	29+19	PI	3650470.0705	395200.6500	0.0000						
25+67		3655000.0100	394005.2500	4.1900	29+50		3650492.0505	395103.0100	2.5500						
26+00		3655057.7200	394050.4900	3.0200	30+00		3650500.3705	395136.5300	3.0400						
26+50		3655015.7200	394031.1000	3.3000	30+50		3650527.4005	395009.9500	2.3100						
26+70	P00	3655796.9000	394035.6700	2.6100	31+00		3650544.2505	395042.6100	0.7000						

REVISIONS

NO.	DATE	APPR.	TITLE

CAD FILE NO.

DRAWING NO.

LA-313

Sht. 07A of 14

COORDINATES OF CENTERLINE ALIGNMENT

BARATARIA BASIN LANDBRIDGE PROJECT

BA-27 CONSTRUCTION UNIT 2

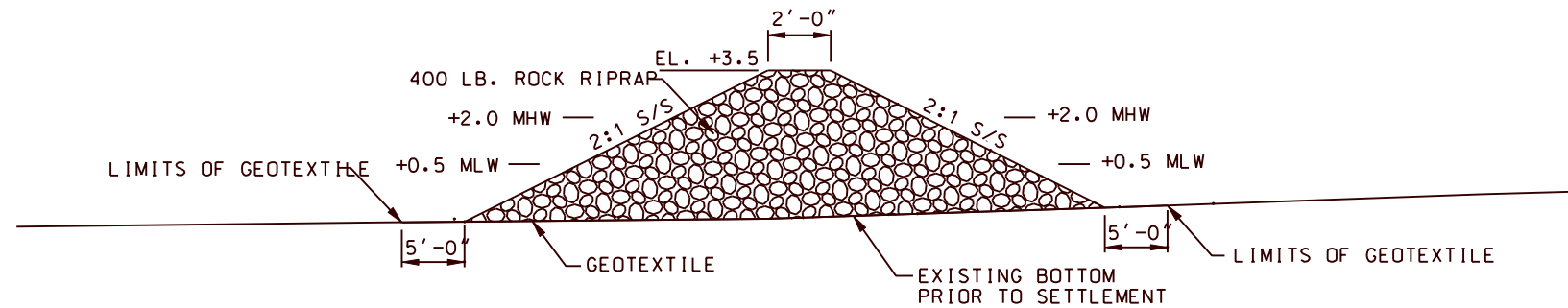
JEFFERSON PARISH

LOUISIANA

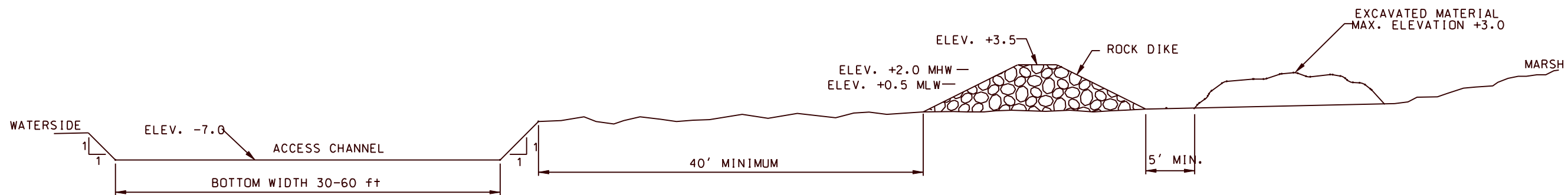
"AS-BUILT"

DATE OF COMPLETION 10/01/2001

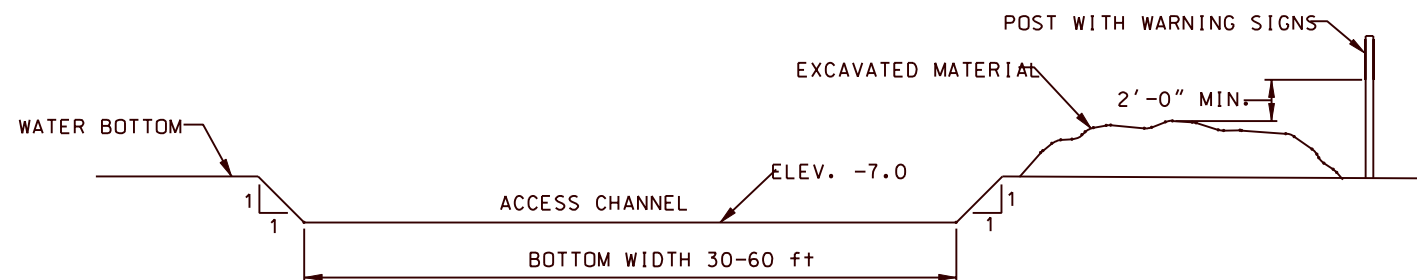
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE



TYPICAL SECTION - ROCK DIKE
ELEVATION VIEW



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 LAND SIDE (i.e., BETWEEN THE PROTECTION FEATURE AND EXISTING MARSH/LAND). CARE SHALL BE TAKEN NOT TO DISTURB THE EXISTING MARSH VEGETATION.
2. EXCAVATED MATERIAL MAY BE PLACED ON THE WATER SIDE ONLY IN AREAS WHERE THE ROCK DIKE IS TOO CLOSE TO THE EXISTING SHORELINE TO ALLOW PLACEMENT OF THE DREDGED MATERIAL AND ONLY AS CONCURRED IN BY THE COTR.
3. IF EXCAVATED MATERIAL 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.
4. DEPOSITED MATERIAL SHALL NOT BE PLACED AGAINST THE ROCK DIKE.

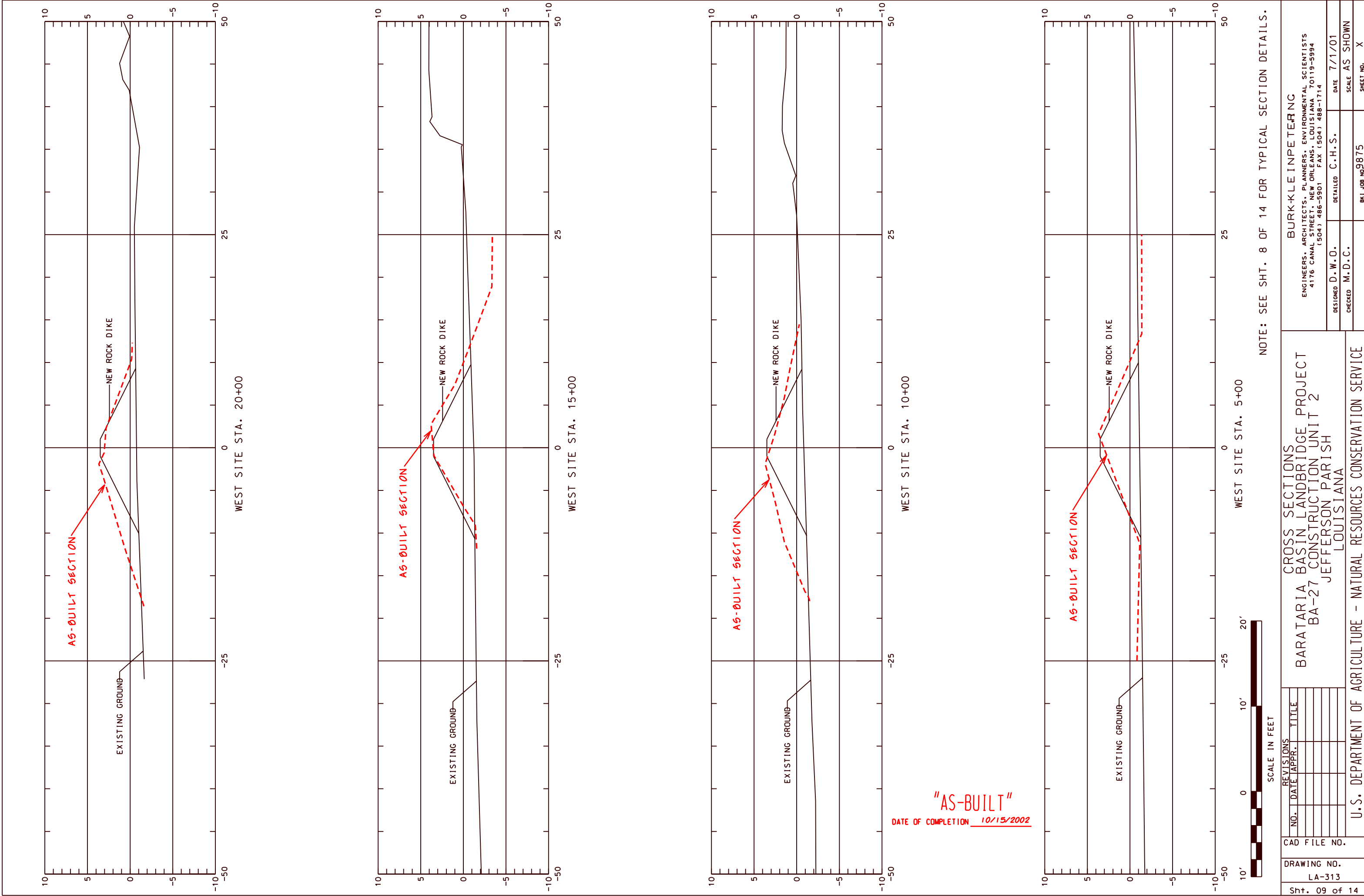
"AS-BUILT"
DATE OF COMPLETION 10/15/2002



CHEVRON PIPELINE CROSSING - STA. 17+33

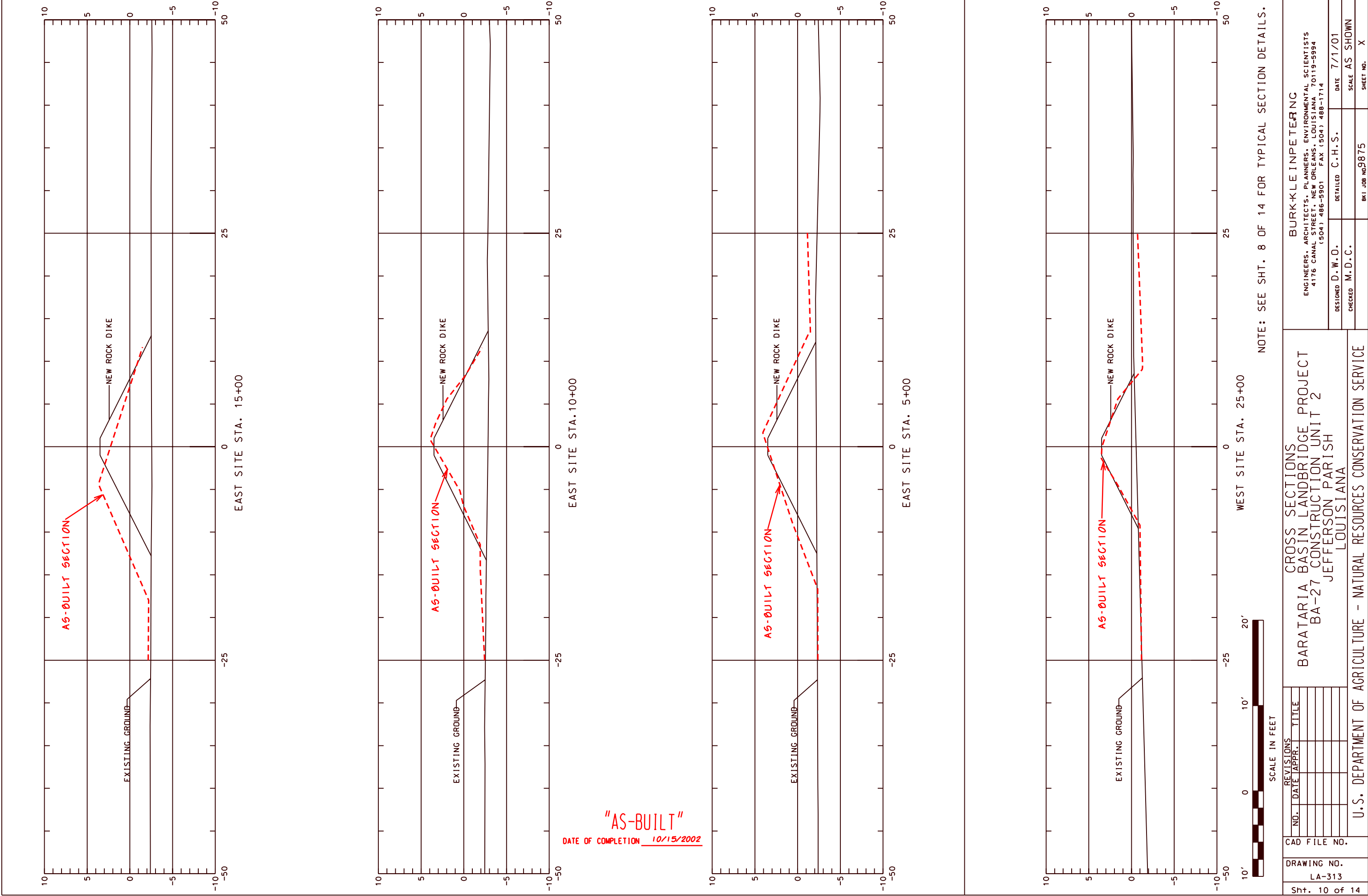
SECTION "A - A"

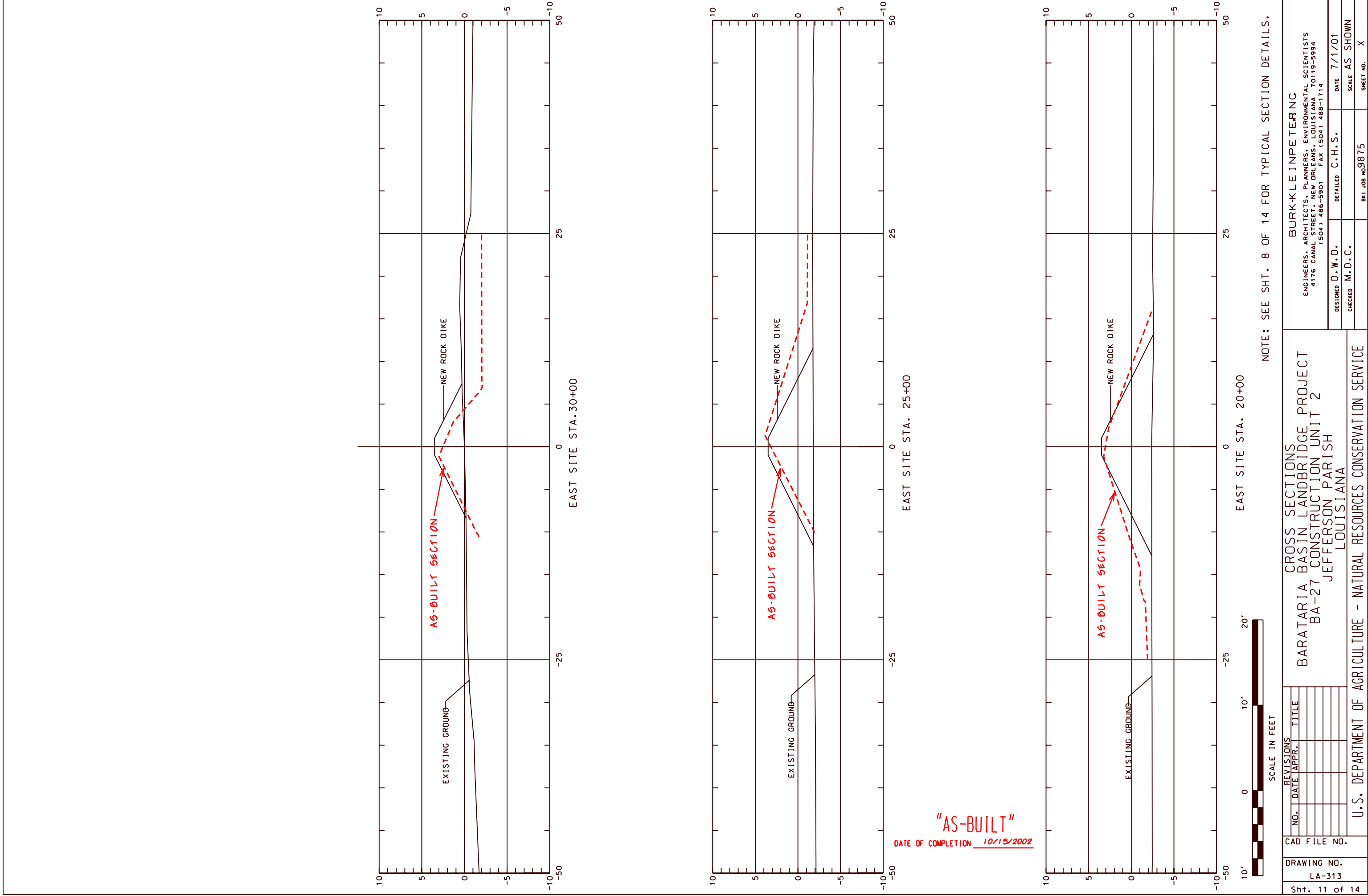
"AS-BUILT"
DATE OF COMPLETION 10/15/2002



NOTE: SEE SHT. 8 OF 14 FOR TYPICAL SECTION DETAILS.

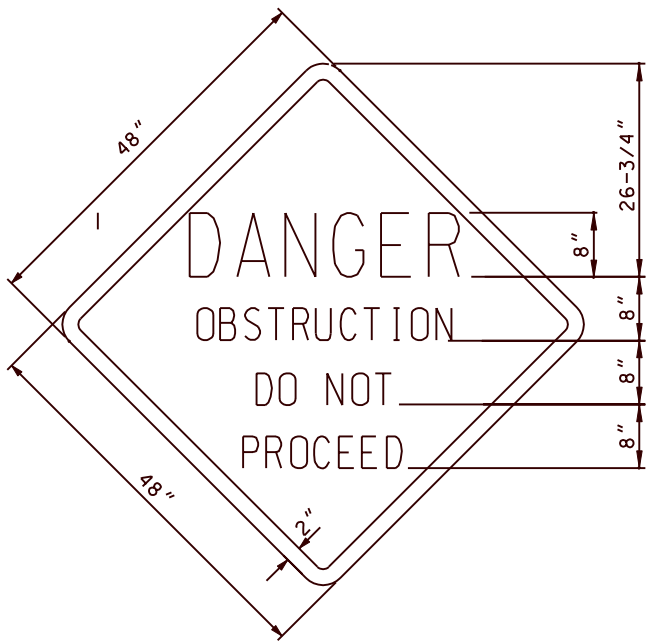
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE		CROSS SECTIONS BARATARIA BASIN LANDBRIDGE PROJECT BA-27 CONSTRUCTION UNIT 2 JEFFERSON PARISH LOUISIANA		BURKLEIN PETER NG ENGINEERS, ARCHITECTS, PLANNERS, ENVIRONMENTAL SCIENTISTS 41176 CANAL STREET, NEW ORLEANS, LOUISIANA 70119-5994 (504) 486-5901 FAX (504) 486-1714	
CAD FILE NO.		REVISIONS		DESIGNED D.W.O.	
DRAWING NO. LA-313		NO. DATE APPR. TITLE		CHECKED M.D.C.	
Sht. 09 of 14				DATE 7/1/01	
				SCALE AS SHOWN	
				SHEET NO. X	





"AS-BUILT"
DATE OF COMPLETION 10/15/2002

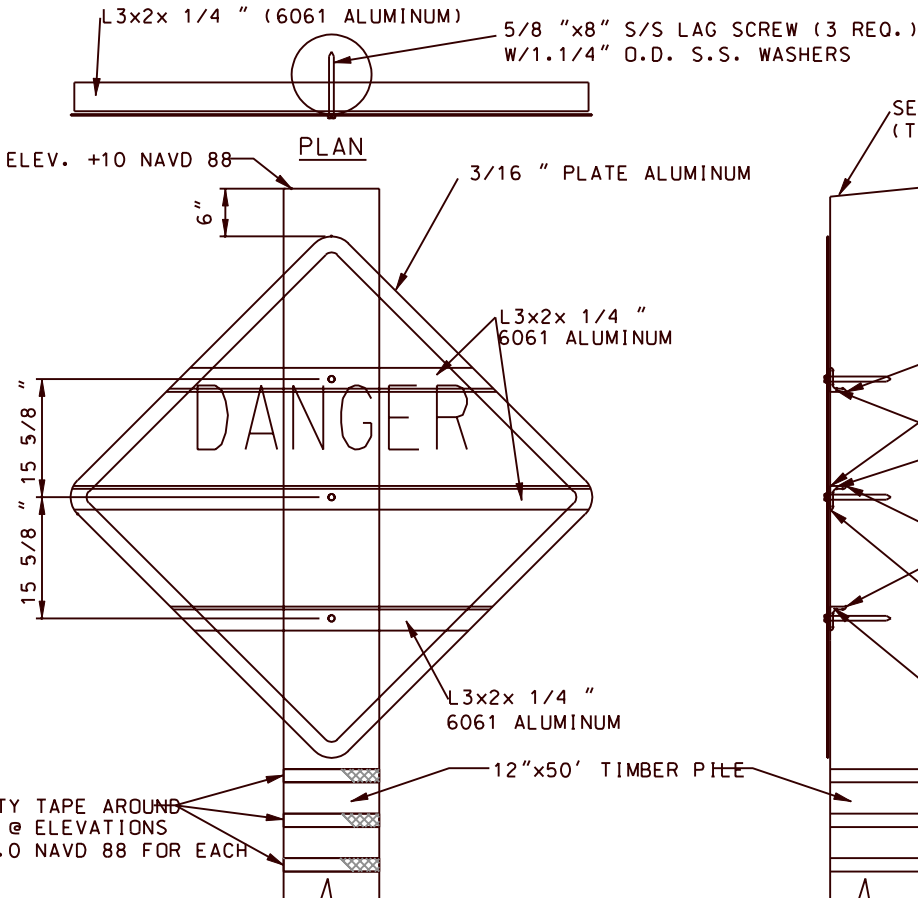
CAD FILE NO.		REVISIONS		BARATARIA BASIN LANDBRIDGE PROJECT BA-27 CONSTRUCTION UNIT 2 JEFFERSON PARISH LOUISIANA		BURK KLEIN PETER NG ENGINEERS, ARCHITECTS, PLANNERS, ENVIRONMENTAL SCIENTISTS 4176 CANAL STREET, NEW ORLEANS, LOUISIANA 70119-5994 (504) 486-5901 FAX (504) 488-1714	
DRAWING NO. LA-313	Sh. 11 of 14	NO.	DATE	APPR.	TITLE	DESIGNED D.W.O.	CHECKED M.D.C.
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE						DATE 7/1/01	SCALE AS SHOWN
						DETAILED C.H.S.	SHEET NO. X
						BK1 JOB NO 9875	



SIGN DETAIL
(NOT TO SCALE)

2" WIDE CONSPICUITY TAPE AROUND
ROUND TIMBER PILE @ ELEVATIONS
+2.0, +3.0 AND +4.0 NAVD 88 FOR EACH
ROUND TIMBER PILE

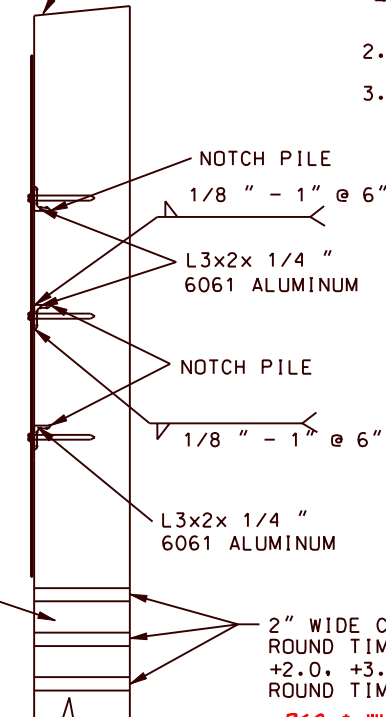
RED & WHITE TAPE



ELEVATION VIEW

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

SEE PILE CAP DETAIL
(THIS SHEET)



SIDE VIEW

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

PERMANENT SIGN NOTES:

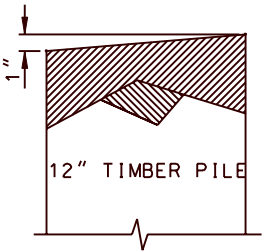
1. THE 2" BORDER ON THE TYPE "A" WARNING SIGN SHALL BE A REFLECTIVE MATERIAL OF ORANGE COLOR. THE LETTERING FIELD SHALL BE A RETRO-REFLECTIVE MATERIAL OF WHITE COLOR. THE LETTERING FOR THE WARNING SIGNS SHALL BE BLACK. WARNING SIGNS SHALL BE PLACED ON THE SIDE FACING THE BAYOU.

SITE	SIGN TYPE	SUPPORT TYPE	DESCRIPTION	NO. OF SIGNS
WEST	N/A	N/A	N/A	0
EAST	A	1	DO NOT PROCEED	8

2. SEE SHEET 4 OF 14 FOR PERMANENT SIGN LOCATIONS.

3. ONE (1) PERMANENT SIGN PER POST SHALL BE INSTALLED.

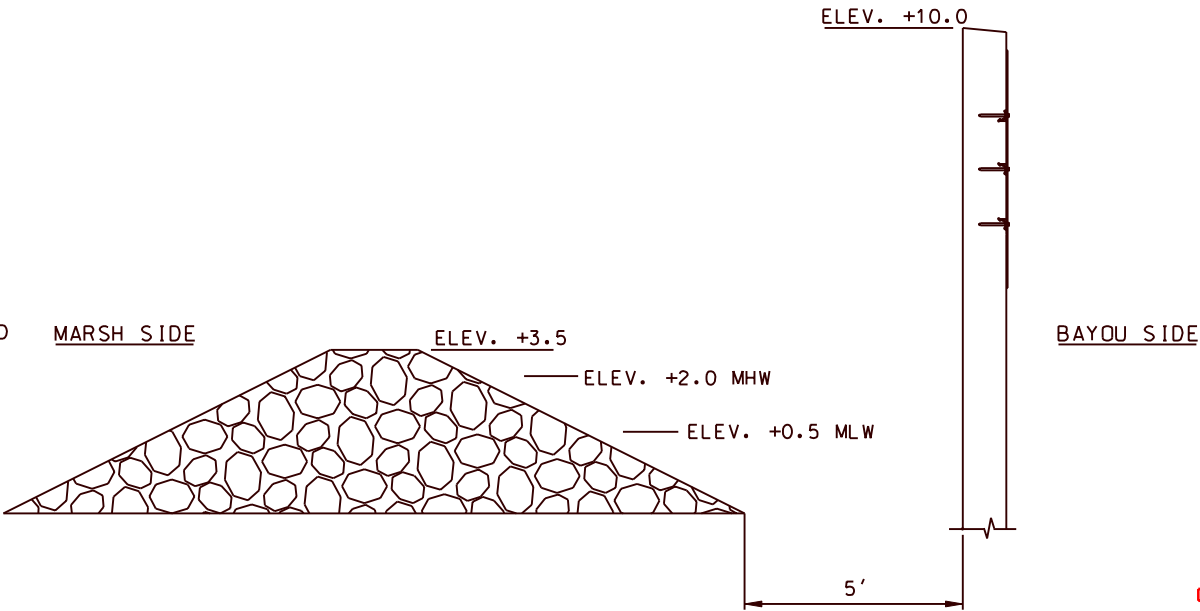
COAT TOP OF PILE WITH COAL TAR EPOXY PAINT
PRIOR TO PLACING CAP
24"x24"x26 GA. ALUMINUM FLASHING
(ATTACH USING ALUMINUM OR STAINLESS STEEL NAILS)



TYPICAL TIMBER PILE CAP
(NOT TO SCALE)

TEMPORARY SIGN NOTES:

- TWO (2) TEMPORARY SIGNS PER POST SHALL BE INSTALLED ALONG THE FLOTATION ACCESS CHANNELS THAT ARE PERPENDICULAR TO THE ROCK DIKE ALIGNMENT.
- ONE (1) TEMPORARY SIGN PER POST SHALL BE INSTALLED ALONG THE FLOTATION ACCESS CHANNEL THAT IS PARALLEL TO THE ROCK DIKE ALIGNMENT.
- TEMPORARY WARNING SIGNS ON THE PERPENDICULAR FLOTATION ACCESS CHANNELS SHALL BE SPACED AT INTERVALS NOT TO EXCEED 300'.
- 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.
- TEMPORARY SIGNS SHALL BE CUT FROM 1/2 INCH MARINE, B/C GRADE VENEER PLYWOOD TO THE SAME DIMENSIONS AS THE PERMANENT SIGNS.
- 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.
- 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"

DATE OF COMPLETION 10/15/2002

BURKLEINPETERING

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

DATE

7/1/01

SCALE

AS SHOWN

SHEET NO.

X

WARNING SIGN DETAILS

BARATARIA BASIN LANDBRIDGE PROJECT
BA-27 CONSTRUCTION UNIT 2

JEFFERSON PARISH
LOUISIANA

REVISIONS

NO. DATE APPR. TITLE

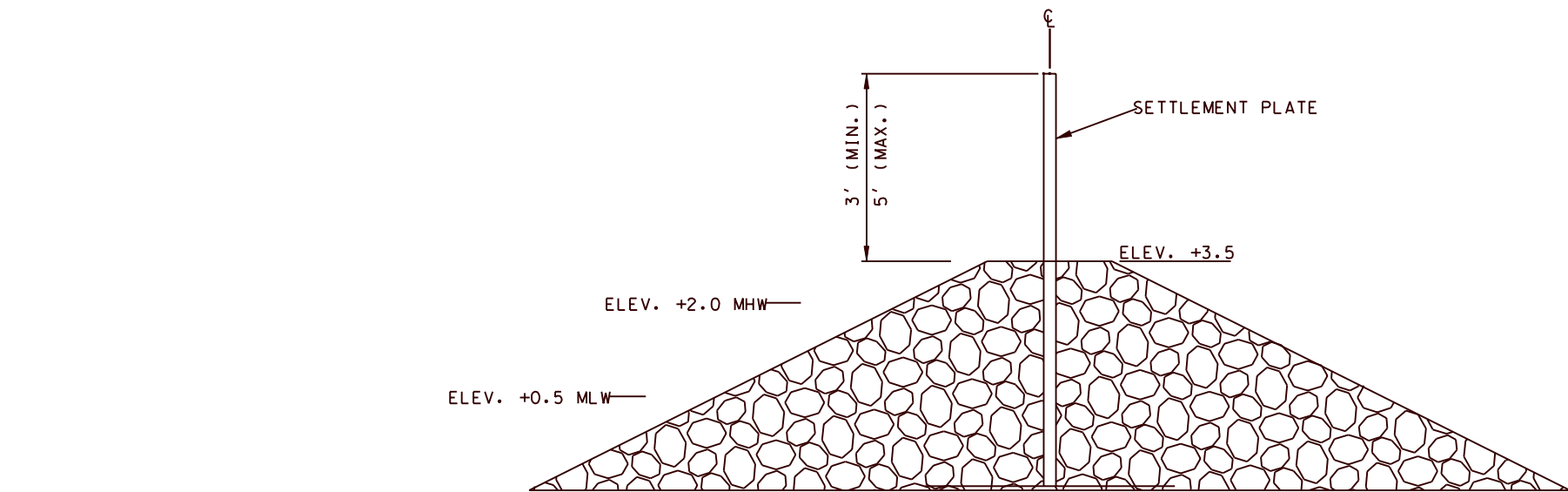
CAD FILE NO.

DRAWING NO.

LA-313

SHEET NO 12 OF 14

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

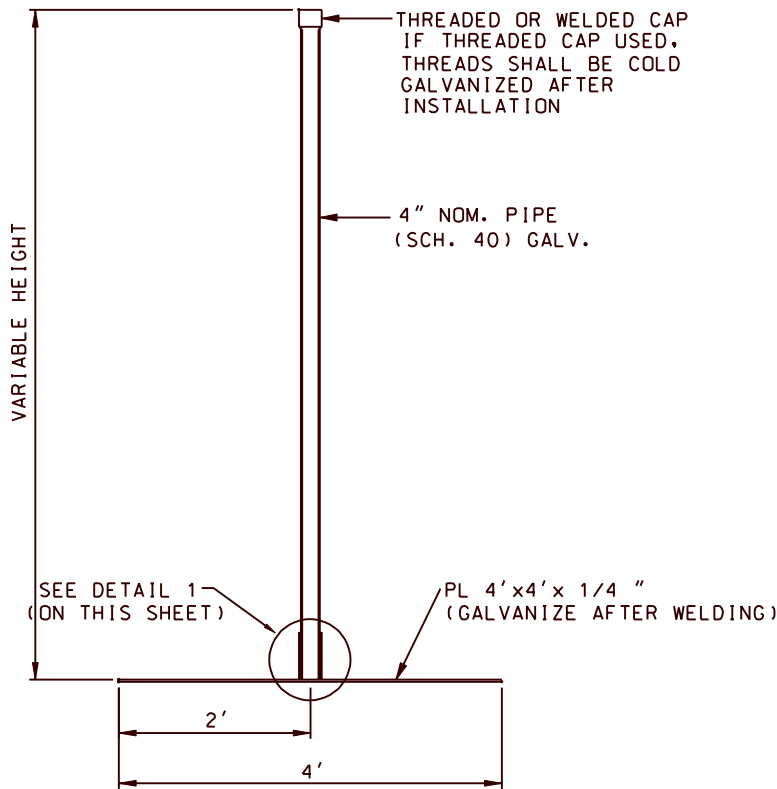


NOTES:

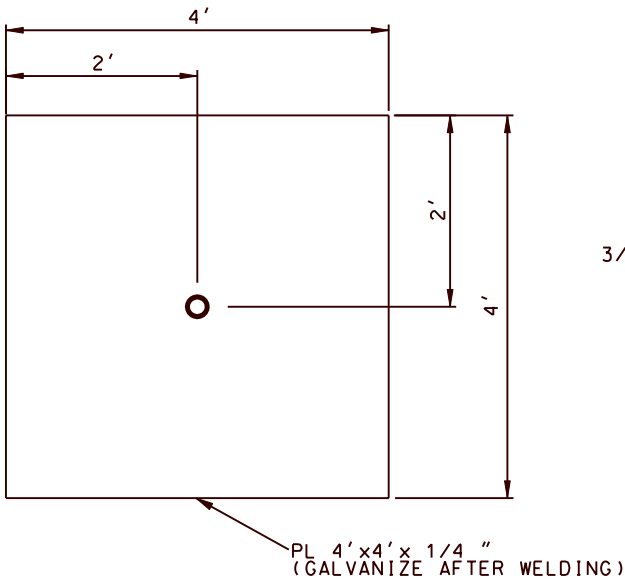
1. SETTLEMENT PLATES SHALL BE PLACED A MAXIMUM OF 100 FEET FROM POINTS OF TIE-IN.
2. SETTLEMENT PLATES SHALL BE PLACED AT INTERVALS NOT TO EXCEED 1,000 FEET.

TYPICAL ELEVATION - TYPICAL SECTIONS
(NOT TO SCALE)

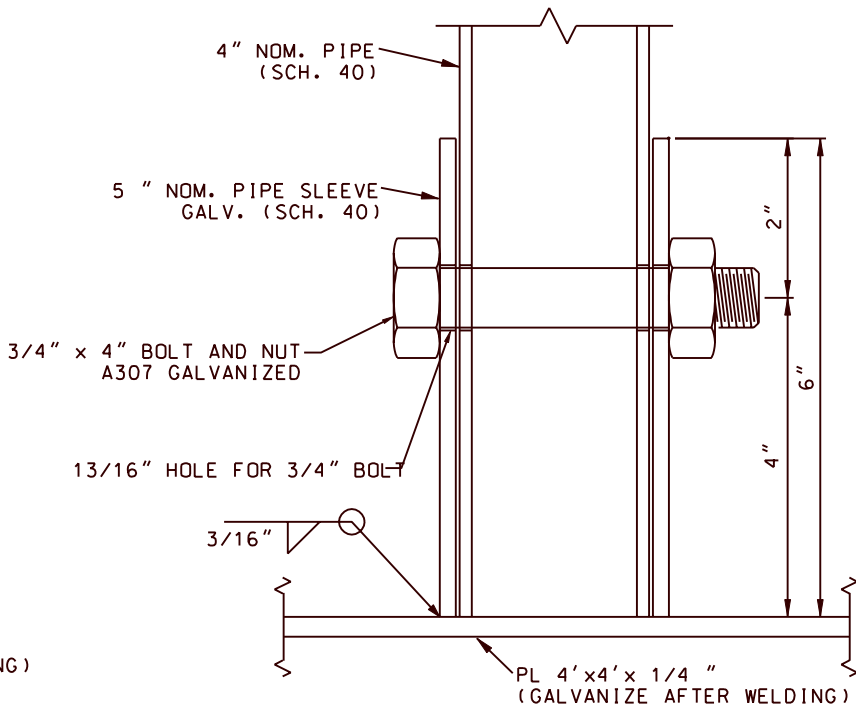
SITE	NO. OF PLATES
WEST	4
EAST	5



ELEVATION VIEW



PLAN VIEW



DETAIL 1
(NOT TO SCALE)

SETTLEMENT PLATE DETAILS
(NOT TO SCALE)

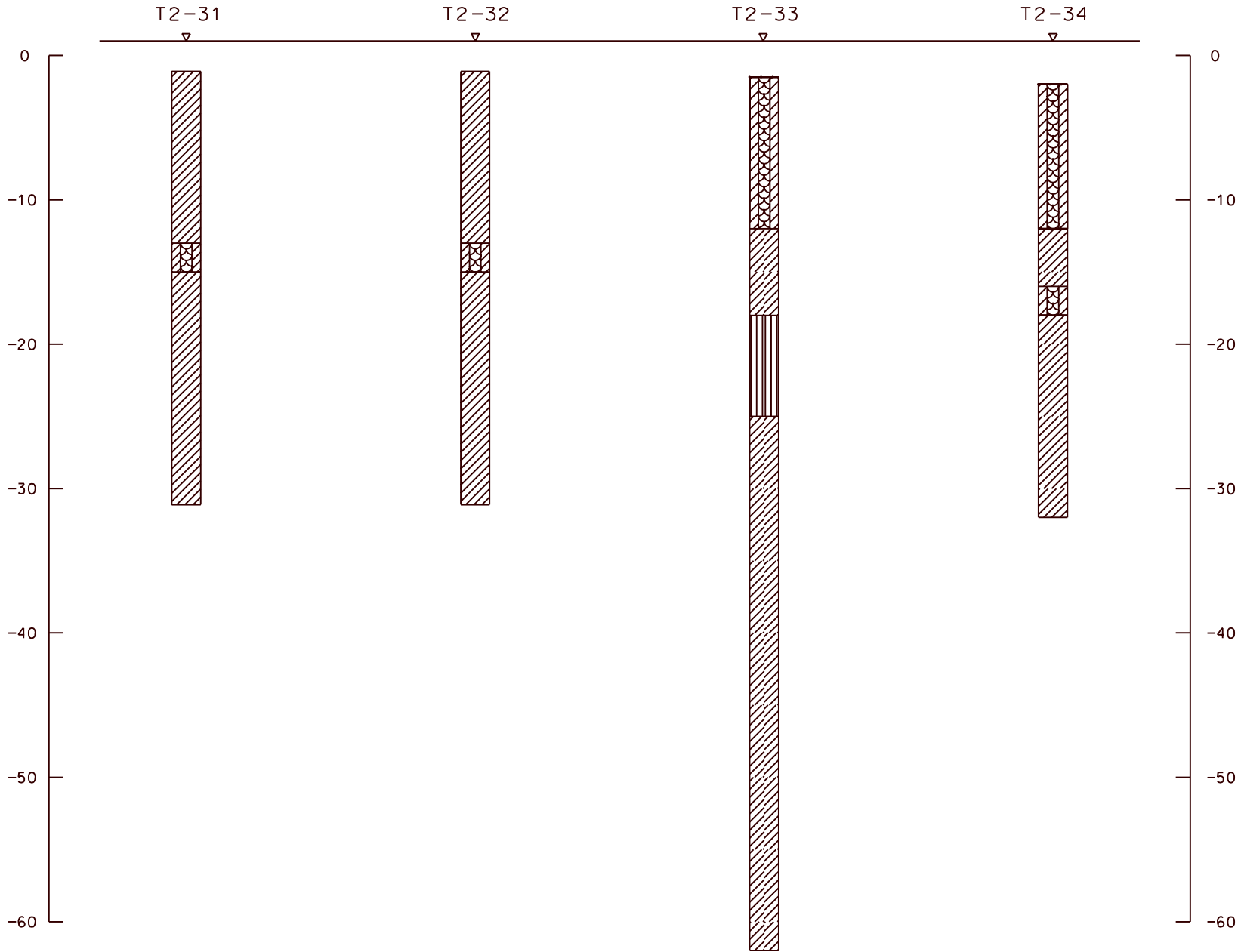
"AS-BUILT"
DATE OF COMPLETION 10/15/2002

BURKLEIN PETERING			
ENGINEERS, ARCHITECTS, PLANNERS, ENVIRONMENTAL SCIENTISTS 4176 CANAL STREET, NEW ORLEANS, LOUISIANA 70119-5994 (504) 486-5901 FAX (504) 488-1714			
DESIGNED D. W. D.	DATE 7/1/01	SCALE AS SHOWN	SHEET NO. X
CHECKED M. D. C.	DETAILED C. H. S.	8x1 JOB NO. 9875	

SETTLEMENT PLATE DETAILS	
BARATARIA BASIN LANDBRIDGE PROJECT	
BA-27 CONSTRUCTION UNIT 2	
JEFFERSON PARISH	
LOUISIANA	

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE	
NO.	TITLE
DATE	APPR.
CAD FILE NO.	
DRAWING NO.	
LA-313	
SHEET NO 13 OF 14	

ELEVATIONS (NAVD 88)



- ML

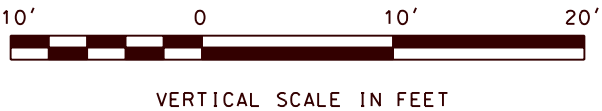
SILT WITH LITTLE OR NO PLASTICITY
- CL

SILTY CLAY, LOW TO MEDIUM PLASTICITY
- CH

CLAY, HIGH PLASTICITY
- OH

ORGANIC CLAY OF MEDIUM TO HIGH PLASTICITY

BORING NO.	LATITUDE	LONGITUDE
T2-31	29° 34' 31.83"	90° 09' 24.01"
T2-32	29° 34' 43.61"	90° 09' 09.74"
T2-33	29° 34' 42.35"	90° 08' 50.08"
T2-34	29° 34' 46.86"	90° 08' 40.32"



"AS-BUILT"
DATE OF COMPLETION 10/15/2002

REVISIONS

NO.	DATE	APPR.	TITLE

CAD FILE NO.

DRAWING NO.
LA-313

Sht. 14 of 14

SOIL BORING LOGS
BARATARIA BASIN LANDBRIDGE PROJECT
BA-27 CONSTRUCTION UNIT 2
.JEFFERSON PARISH
LOUISIANA

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

DESIGNED D. W. O.

CHECKED M. D. C.

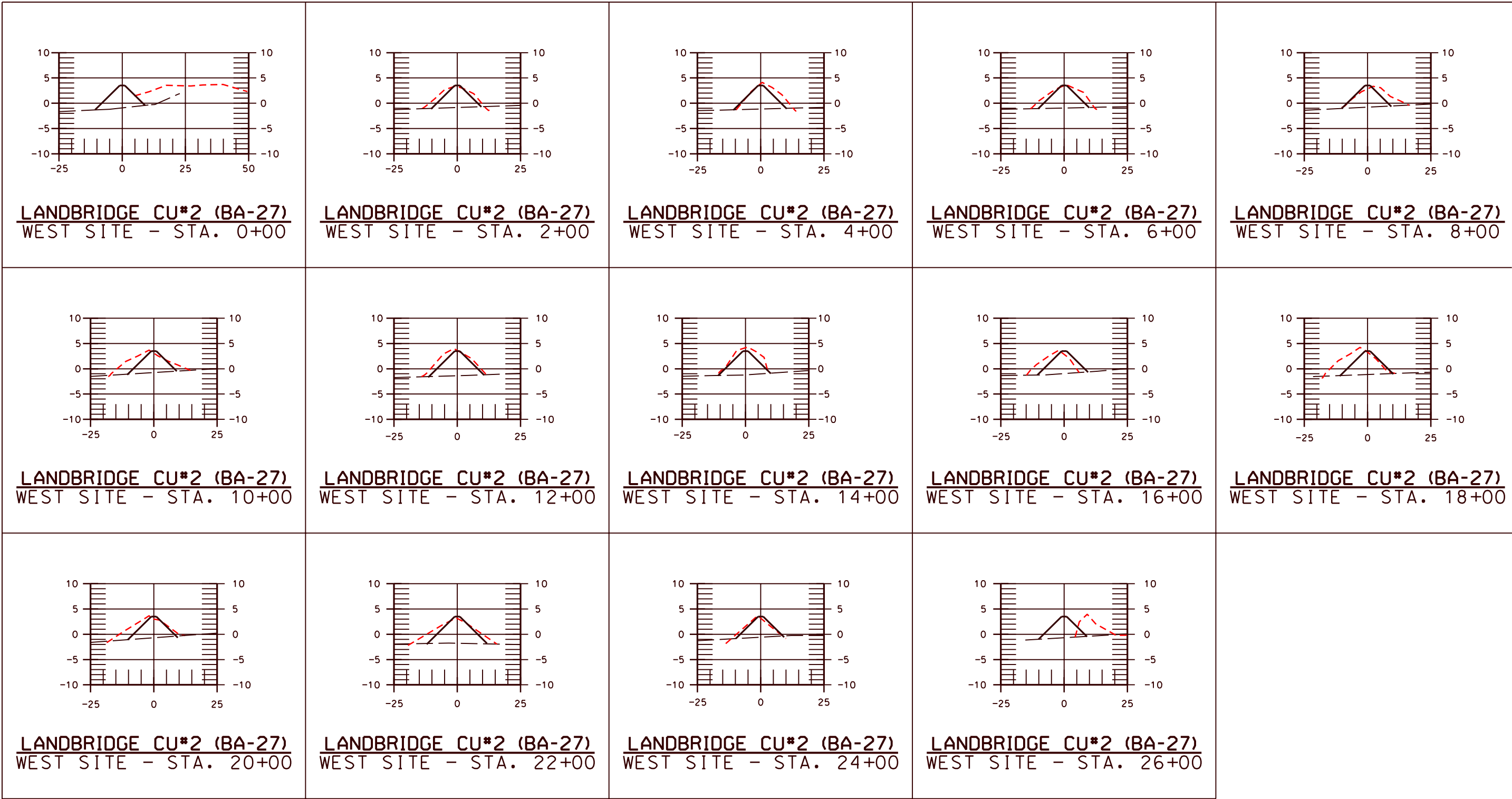
DATE 7/1/01

SCALE AS SHOWN

SHEET NO. X

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

BA1 JOB NO 9875



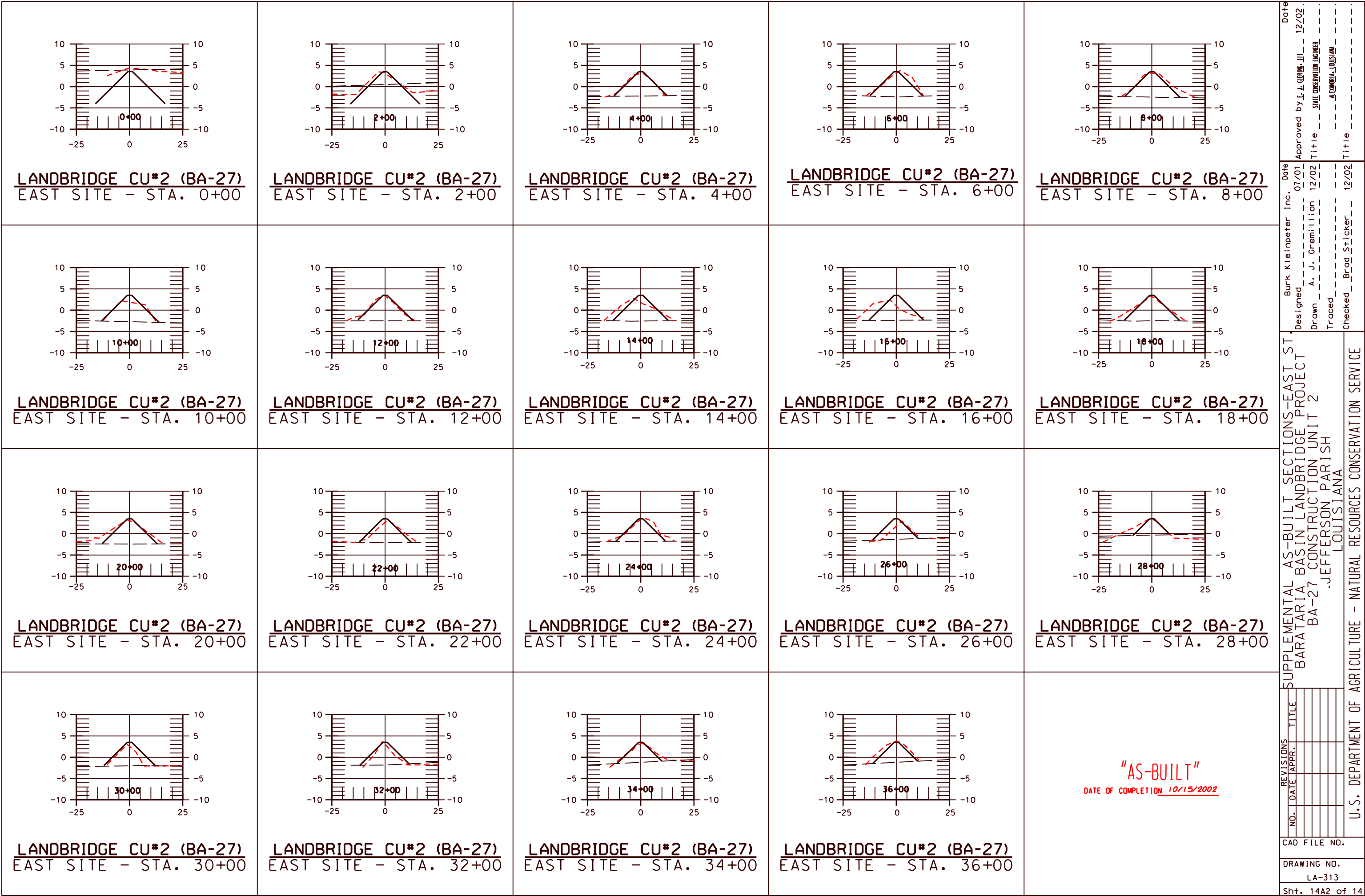
"AS-BUILT"
DATE OF COMPLETION 10/15/2002

REVISIONS		TITLE	
NO.	DATE	APPR.	
CAD FILE NO.			
DRAWING NO.			
LA-313			
Sht. 14A1 of 14			

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE	
SUPPLEMENTAL AS-BUILT SECTIONS-WEST ST.	
BARATARIA BASIN LANDBRIDGE PROJECT	
BA-27 CONSTRUCTION UNIT 2	
JEFFERSON PARISH	
LOUISIANA	

Burk-Kleinpeter Inc.	Date
Designed	07/012
Drawn	A. J. Gremillion
Traced	12/02
Checked	Brad Sticker
	12/02

Approved by	E. L. Gremillion, III	Date	12/02
Title	STATE CONSERVATION ENGINEER	Title	
	ALABAMA		
	LOUISIANA		



Date Approved by E. J. Currence, III 12/02		Title STATE CONSERVATION ENGINEER ALEXANDRIA, LOUISIANA	
Date Designed 07/01		Title Checked Brad Sticker 12/02	
Burk Kleinpeter Inc.		A. J. Currence, III	
Drawn		Traced	
Supplemental As-Built Sections-East St. Barataria Basin Landbridge Project BA-27 Construction Unit 2 Jefferson Parish Louisiana		U.S. Department of Agriculture - Natural Resources Conservation Service	
CAD FILE NO.		DRAWING NO. LA-313	
Sht. 14A2 of 14			