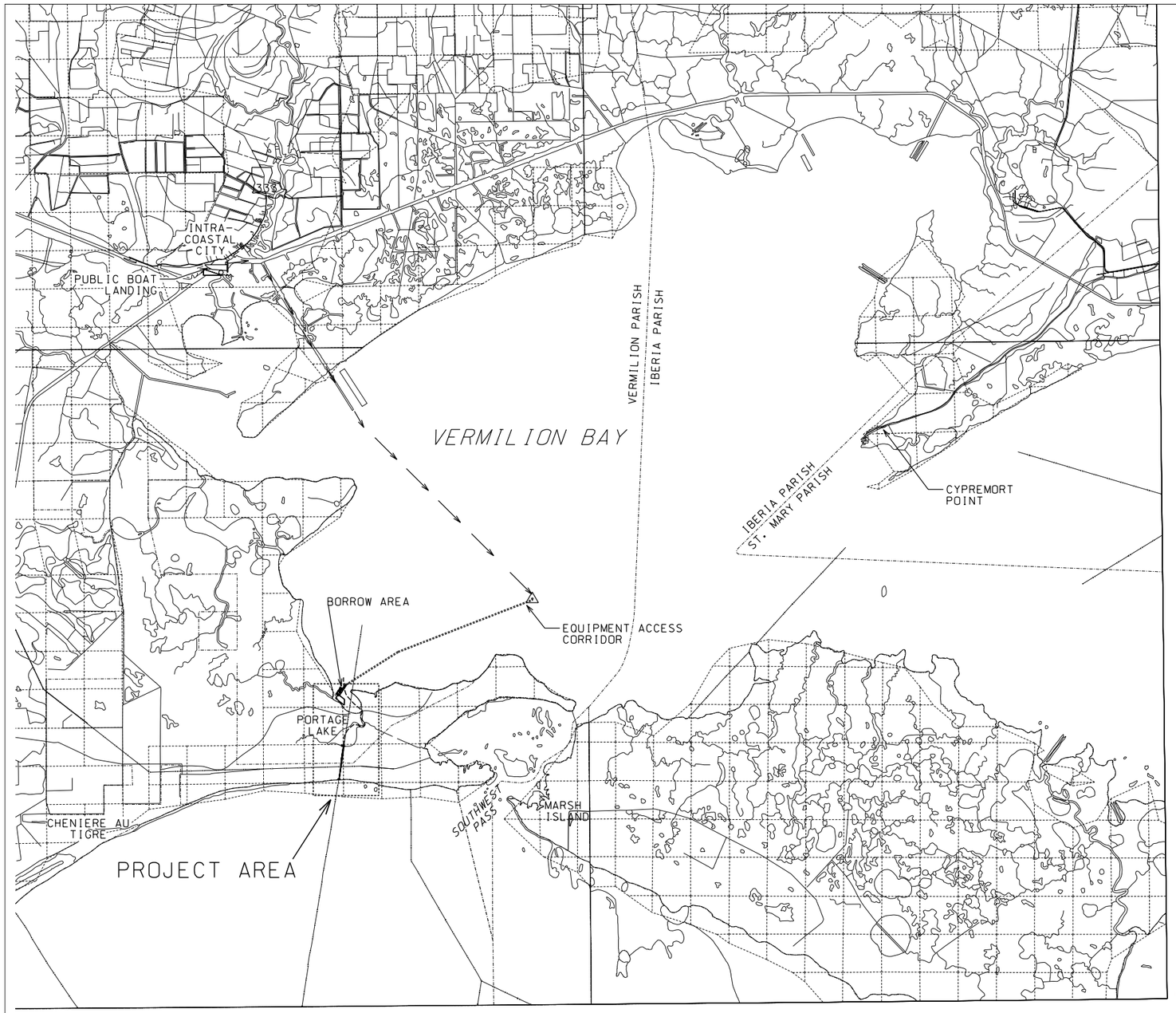

LAKE PORTAGE LAND BRIDGE PROJECT - TV-17

BUILT UNDER COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT OF PUBLIC LAW 101-646
BY
ENVIRONMENTAL PROTECTION AGENCY
AND
LOUISIANA DEPARTMENT OF NATURAL RESOURCES
WITH THE ASSISTANCE OF
NATURAL RESOURCES CONSERVATION SERVICE
OF THE
UNITED STATES DEPARTMENT OF AGRICULTURE
2002

"AS-BUILT"

LOCATION IN LOUISIANA
(VERMILION PARISH)

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17 TYPICAL EMBANKMENT LEVEE PLAN & SECTION
~~18 AREA 3 PROPOSED EARTHEN PLUG~~
18M3 AREA 3 EARTHEN PLUG DETAILS
19 DREDGE BORROW CHANNEL SECTION & BOREHOLE DATA

"AS-BUILT PLANS"

SUBMITTED BY: WAYNE MELANCON — GOVERNMENT REPRESENTATIVE — 9/22/04 DATE

APPROVED BY: BRADLEY A. STICKER — ASSISTANT STATE CONSERVATION ENGINEER — 12/16/04 DATE

E. J. GIERING III — STATE CONSERVATION ENGINEER — 12/16/04 DATE

CONTRACT NO. 50-7217-3-7 DATE 01/30/03
CONTRACTOR BAY WEST INC.
INSPECTOR GARY PRIOUX
DATE OF COMPLETION 5/11/2004

LEGEND

- PROJECT AREA
- STATE HIGHWAY
- POLITICAL BOUNDARY
- ACCESS ROUTE
- PIPELINES
- SHIP CHANNEL MARKER 12
- PUBLIC BOAT LANDINGS

VICINITY MAP

1 0 1 2 3
SCALE IN MILES

Designed C. E. LAFLEUR 06/02
Drawn D.J.WILMORE /0602
Traced
Checked C. E. LAFLEUR 06/02

Approved by E.J.GIERING III 08/02
Title STATE CONSERVATION ENGINEER
Title

COVER SHEET - VICINITY MAP
LAKE PORTAGE LANDBRIDGE PROJECT
VERMILION PARISH, LOUISIANA

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

REVISIONS: NO. | DATE | APPR. | TITLE

CAD FILE NO. LA-311
DRAWING NO. LA31101.DGN
SHEET NO 1 OF 19

...\AS BUILT DRAWINGS\LA311001.dgn 1/31/2005 10:48:23 AM

GENERAL NOTES:

1. 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 STRUCTURE LOCATION OR CENTERLINE OF A LEVEE, ITS LOCATION IS NOT DEFINITE.

2. KNOWN PIPELINES AND UTILITIES ARE SHOWN ON THIS SHEET OF THE PLANS. HOWEVER, 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 COTR.

EQUIPMENT ACCESS CORRIDOR COORDINATES

PT #	NORTHING	EASTING	ELEVATION
PT 1	408633.40	3035747.40	-3.2
PT 2	409170.00	3036591.10	-3.8
PT 3	409706.70	3037434.90	-4.5
PT 4	410243.40	3038278.70	-4.7
PT 5	410780.00	3039122.50	-5.1
PT 6	411316.70	3039966.30	
PT 7	411853.40	3040810.10	-5.2
PT 8	412390.00	3041653.90	
PT 9	412579.80	3041952.20	-5.4
PT 10	412941.20	3042884.60	
PT 11	413302.70	3043817.00	-5.3
PT 12	413664.10	3044749.40	
PT 13	414025.50	3045681.80	-5.6
PT 14	414387.00	3046614.20	
PT 15	414748.40	3047546.60	-5.3
PT 16	415109.80	3048479.00	
PT 17	415471.30	3049411.40	-5.1
PT 18	415832.70	3050343.80	
PT 19	416194.20	3051276.20	-5.6
PT 20	416555.60	3052208.60	
PT 21	416917.00	3053141.00	-6.4
PT 22	417278.50	3054073.40	
PT 23	417639.90	3055005.80	-6.7
PT 24	418001.30	3055938.20	
PT 25	418362.80	3056870.60	-6.6
PT 26	418724.20	3057803.00	-7.3
BOUY MARKER #12	419123.85	3058833.92	

AMMENDMENT #3
ADDED ADDITIONAL COORDINATES
AND ELEVATION DATA

DATUM: ALL HORIZONTAL COORDINATES - NAD83
ALL VERTICAL COORDINATES - NAVD88

LEGEND

- PROJECT AREA
- POLITICAL BOUNDARY
- ACCESS ROUTE
- PIPELINES
- SHIP CHANNEL MARKER 12
- SECTION LINES
- SECTION NUMBERS
- REFUGE BOUNDARY

"AS-BUILT"
DATE OF COMPLETION 05/11/04

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

SCALE IN FEET
4000 0 2000 4000 6000 8000 10000
3/4 1/2 1/4 0 1 2
SCALE IN MILES

Approved by E.J. GIERING, II Date 08/02
Title STATE CONSERVATION ENGINEER
Designed C. LAFLEUR 06/02
Drawn DWILMORE, P. COLE 06/02
Traced
Checked C. LAFLEUR 07/02

SITE MAP - LANDRIGHTS
LAKE PORTAGE LANDBRIDGE PROJECT
VERMILION PARISH, LOUISIANA

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

REVISIONS
DATE REV. NO. APPR. TITLE
12/02 A3

CAD FILENAME LA31102A3.DGN
PROJECT NO. LA311
SHEET NO. 2 OF 19

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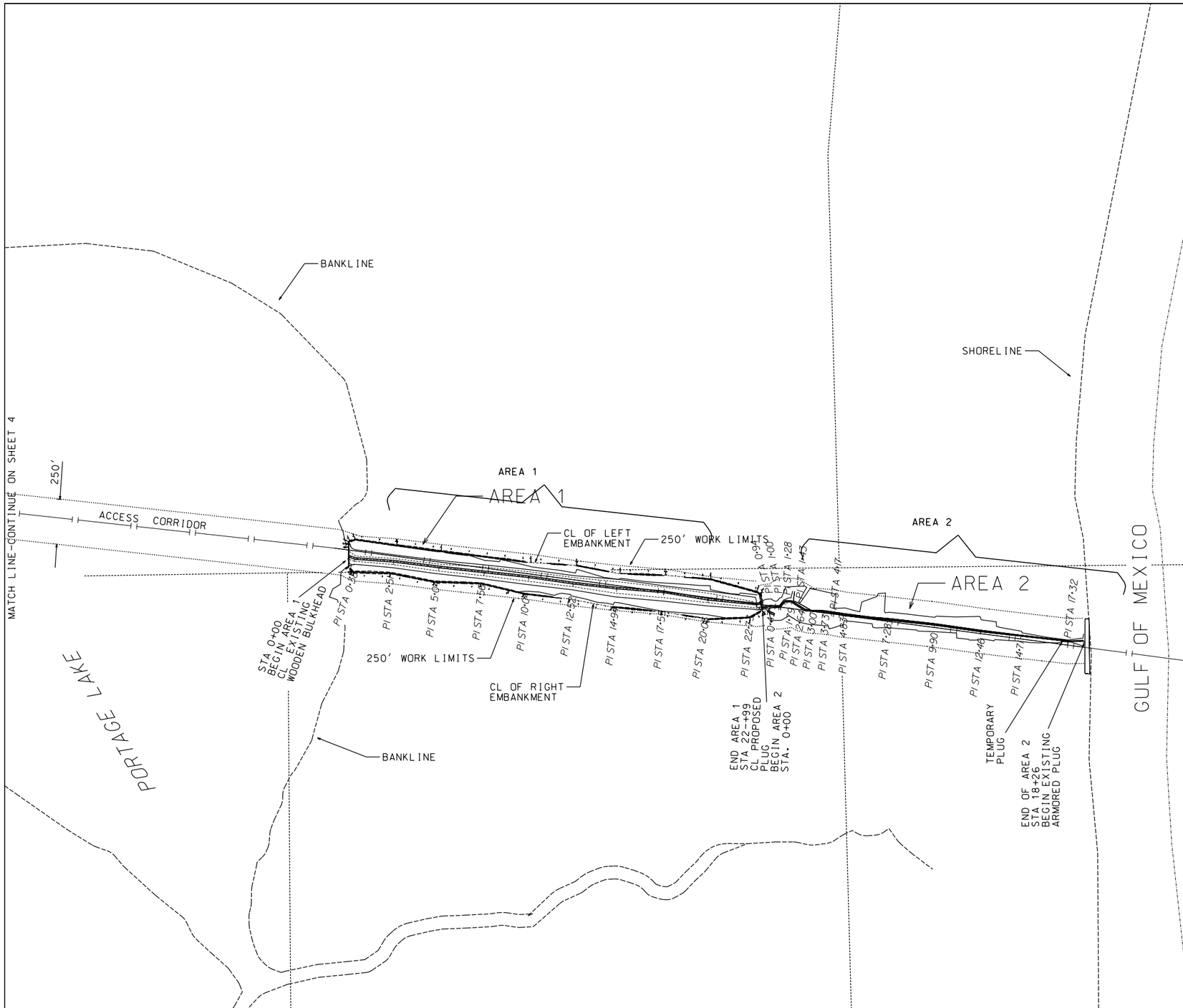

SCALE IN FEET

0 500 1000

0 1/8 1/4

SCALE IN MILES

PLAN VIEW
AREAS 1 AND 2

N

LEGEND

- POLITICAL BOUNDARY
- PIPELINES
- SECTION LINES
- APPROX. BANKLINE FROM AERIAL PHOTOGRAPH
- WORK LIMITS

"AS-BUILT"

DATE OF COMPLETION 05/11/04

		Date
Designed	C.E.LAFLEUR	06/02
Drawn	P.COLE	06/02
Traced		
Checked	C.E.LAFLEUR	07/02

		Date
Approved by	E. J. GIERING, III	08/02
Title	STATE CONSERVATION ENGINEER	
	ALEXANDRIA, LOUISIANA	
Title		

SITE PLAN-AREAS 1AND 2
LAKE PORTAGE LANDBRIDGE PROJECT
VERMILION PARISH, LOUISIANA

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

REVISIONS

NO.	DATE	APPR.	TITLE

CAD FILENAME
LA311003.DGN

PROJECT NO.
LA311

SHEET NO 03 OF 19

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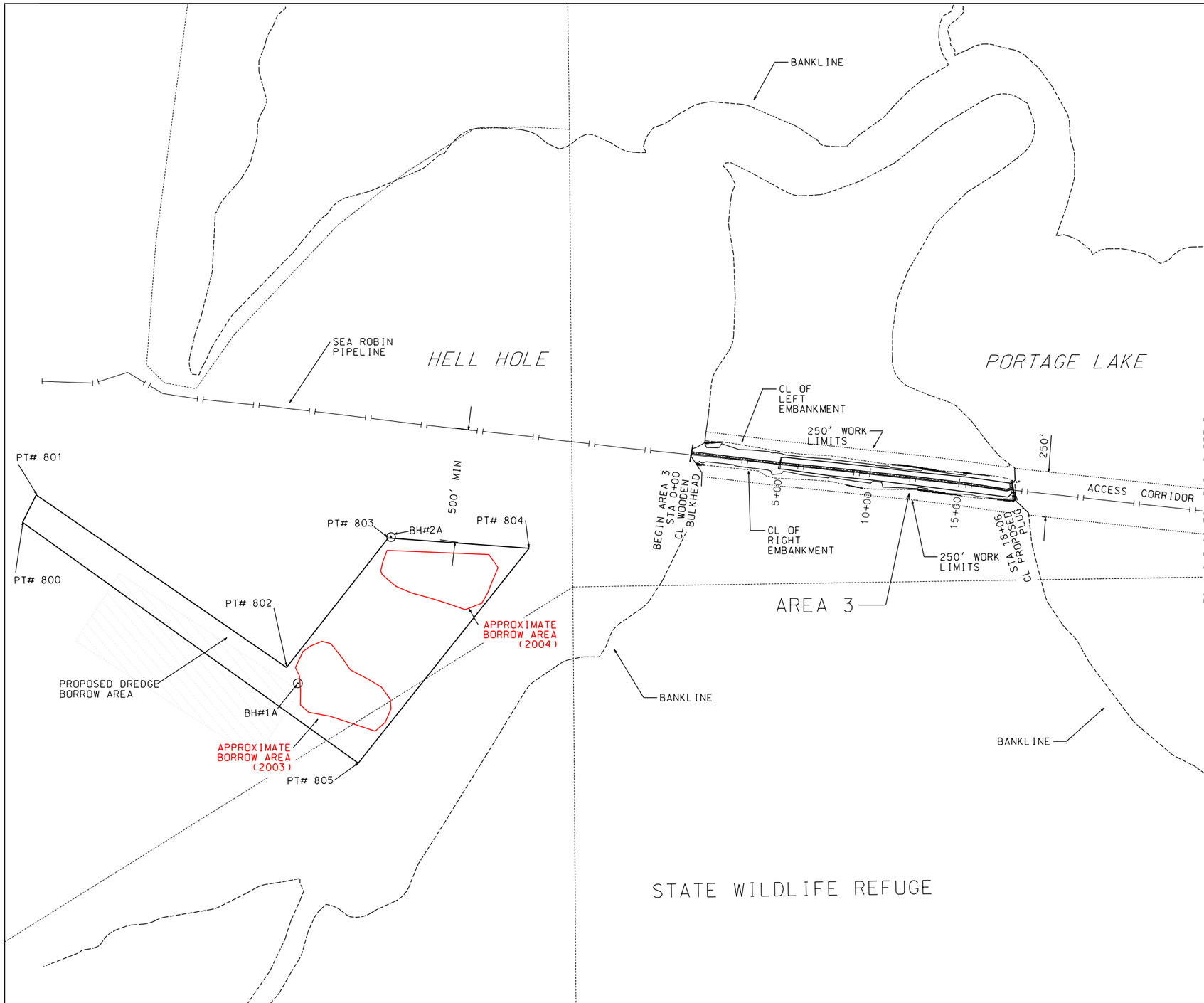


PIPELINE COORDINATE AND ELEVATION DATA SUPPLIED BY SEA ROBIN PIPELINE CO.

NORTHING	EASTING	ELEVATION
405265.583	3035665.706	-14.0
405452.714	3035688.415	-11.3
405625.316	3035708.467	-12.0
405815.446	3035735.609	-11.0
406002.969	3035760.086	-12.0
406173.312	3035785.594	-14.8
406375.987	3035809.996	-15.2
406587.429	3035837.634	-14.0
406787.268	3035863.252	-13.0
406983.654	3035891.582	-13.2
407182.061	3035919.838	-13.2
407387.136	3035947.873	-12.6
407591.411	3035974.843	-12.7
407788.637	3035998.324	-11.0
407999.679	3036025.428	-12.0
408187.355	3036057.228	-12.7
408382.508	3036178.753	-16.3
408572.595	3036122.307	-17.3
408797.778	3036134.589	-18.0
408988.437	3036158.288	-17.0

DATUM: ALL HORIZONTAL COORDINATES - NAD83
ALL VERTICAL COORDINATES - NAVD88

PROPOSED BORROW AREA COORDINATES

PT#	NORTHING	EASTING
800	408979.9498	3035349.3706
801	408901.4026	3035500.9423
802	407526.1496	3034513.9907
803	406945.8058	3035223.2499
804	406163.0081	3035150.8562
805	407136.9318	3033973.9236

NOTE:
SEE SHEET 19 OF 19 FOR TYPICAL CHANNEL SECTION OF DREDGE BORROW AREA

LEGEND

- POLITICAL BOUNDARY
- PIPELINES
- SECTION LINES
- APPROX. BANKLINE FROM AERIAL PHOTOGRAPH
- BOREHOLE LOCATIONS
- WORK LIMITS

SCALE IN FEET
0 500 1000
0 1/8 1/4
SCALE IN MILES

PLAN VIEW - AREA 3
AND PROPOSED BORROW AREA

"AS-BUILT"
DATE OF COMPLETION 05/11/04

		Date
Designed	C.E.LAFLEUR	06/02
Drawn	P.COLE	06/02
Traced		
Checked	C.E.LAFLEUR	07/02

Approved by E. J. GIERING, III — Date 08/02
Title — STATE CONSERVATION ENGINEER
ALEXANDRIA, LOUISIANA
Title

SITE PLAN-AREA 3 & BORROW AREA
LAKE PORTAGE LANDBRIDGE PROJECT
VERMILION PARISH, LOUISIANA

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

REVISIONS

NO.	DATE	APPR.	TITLE

CAD FILENAME LA311004.DGN
PROJECT NO. LA311
SHEET NO 04 OF 19

...\AS BUILT DRAWINGS\LA311004.dgn 12/29/2004 7:28:11 AM

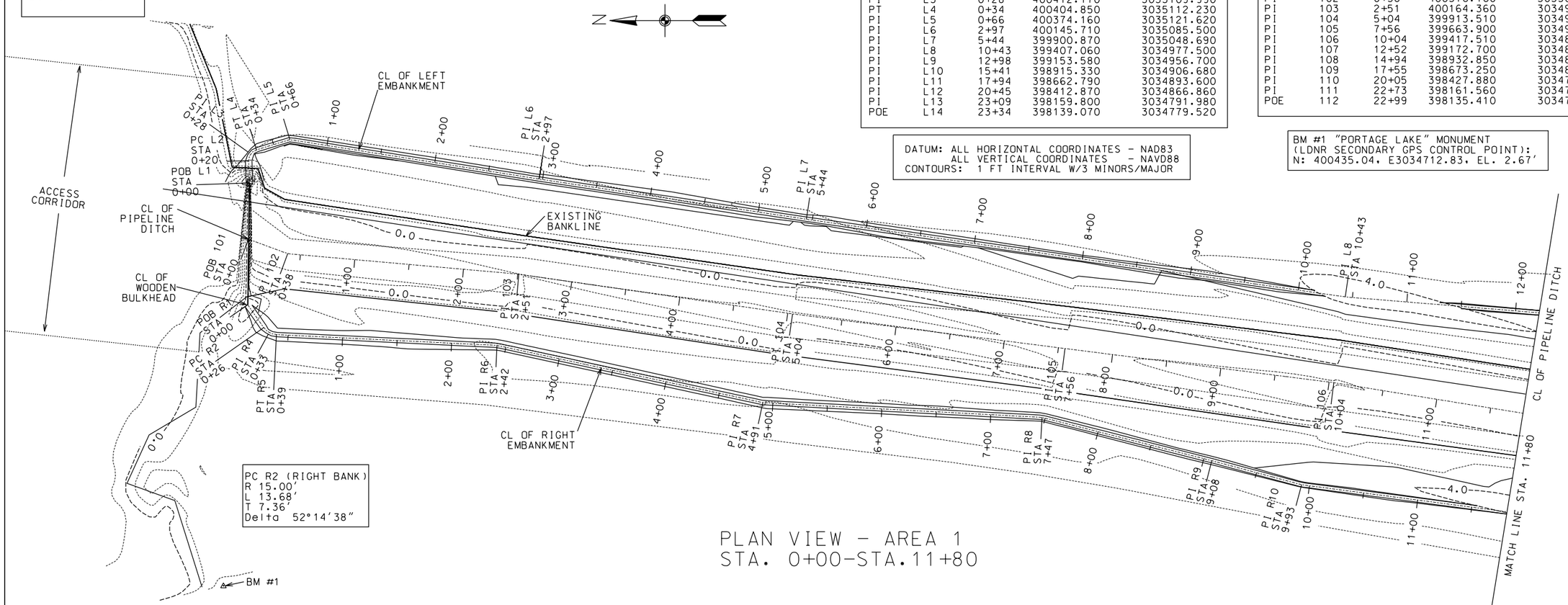
PC L2 (LEFT BANK)
R 10.00'
L 13.07'
T 7.66'
Delta 74°54'14"

AREA 1 LEFT EMBANKMENT COORDINATES				
EVENT	PI#	STA	NORTHING	EASTING
POB	L1	0+00	400411.230	3035081.910
PC	L2	0+20	400411.920	3035102.340
PI	L3	0+28	400412.170	3035109.990
PT	L4	0+34	400404.850	3035112.230
PI	L5	0+66	400374.160	3035121.620
PI	L6	2+97	400145.710	3035085.500
PI	L7	5+44	399900.870	3035048.690
PI	L8	10+43	399407.060	3034977.500
PI	L9	12+98	399153.580	3034956.700
PI	L10	15+41	398915.330	3034906.680
PI	L11	17+94	398662.790	3034893.600
PI	L12	20+45	398412.870	3034866.860
PI	L13	23+09	398159.800	3034791.980
POE	L14	23+34	398139.070	3034779.520

AREA 1 MAIN DITCH COORDINATES				
EVENT	PI#	STA	NORTHING	EASTING
POB	101	0+00	400412.140	3035030.400
PI	102	0+38	400376.160	3035017.120
PI	103	2+51	400164.360	3034998.330
PI	104	5+04	399913.510	3034961.940
PI	105	7+56	399663.900	3034930.210
PI	106	10+04	399417.510	3034898.930
PI	107	12+52	399172.700	3034859.310
PI	108	14+94	398932.850	3034827.990
PI	109	17+55	398673.250	3034802.120
PI	110	20+05	398427.880	3034756.520
PI	111	22+73	398161.560	3034725.760
POE	112	22+99	398135.410	3034730.510

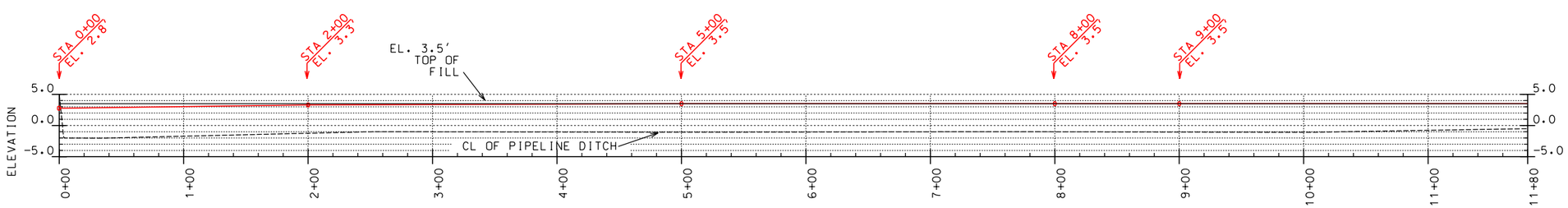
DATUM: ALL HORIZONTAL COORDINATES - NAD83
ALL VERTICAL COORDINATES - NAVD88
CONTOURS: 1 FT INTERVAL W/3 MINORS/MAJOR

BM #1 "PORTAGE LAKE" MONUMENT
(LDNR SECONDARY GPS CONTROL POINT):
N: 400435.04, E3034712.83, EL. 2.67'



PLAN VIEW - AREA 1
STA. 0+00-STA.11+80

50 0 100 200 300
SCALE IN FEET



"AS-BUILT"
DATE OF COMPLETION 05/11/04

PROFILE - AREA 1
CL OF PIPELINE DITCH
STA. 0+00-STA. 11+80

NOTE:
SEE SHEET 03 OF 19 FOR WORK LIMITS
SEE SHEET 06 OF 19 FOR RIGHT EMBANKMENT ALIGNMENT AND DITCH PLUG COORDINATES.
SEE SHEET 16 OF 19 FOR PROPOSED EARTHEN PLUG DETAILS
SEE SHEET 17 OF 19 FOR EMBANKMENT DETAILS.

		Date
Approved by F. J. GIERING, III	Title STATE CONSERVATION ENGINEER ALEXANDRIA, LOUISIANA	08/02
Designed C.E. LAFLEUR		05/02
Drawn P.COLE	Title	05/02
Traced		
Checked C.E. LAFLEUR		07/02

AREA 1 PLAN & PROFILE
STA. 0+00-STA 11+80
LAKE PORTAGE LAND BRIDGE PROJECT
VERMILION PARISH, LOUISIANA

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

REVISIONS			
NO.	DATE	AP PR.	TITLE

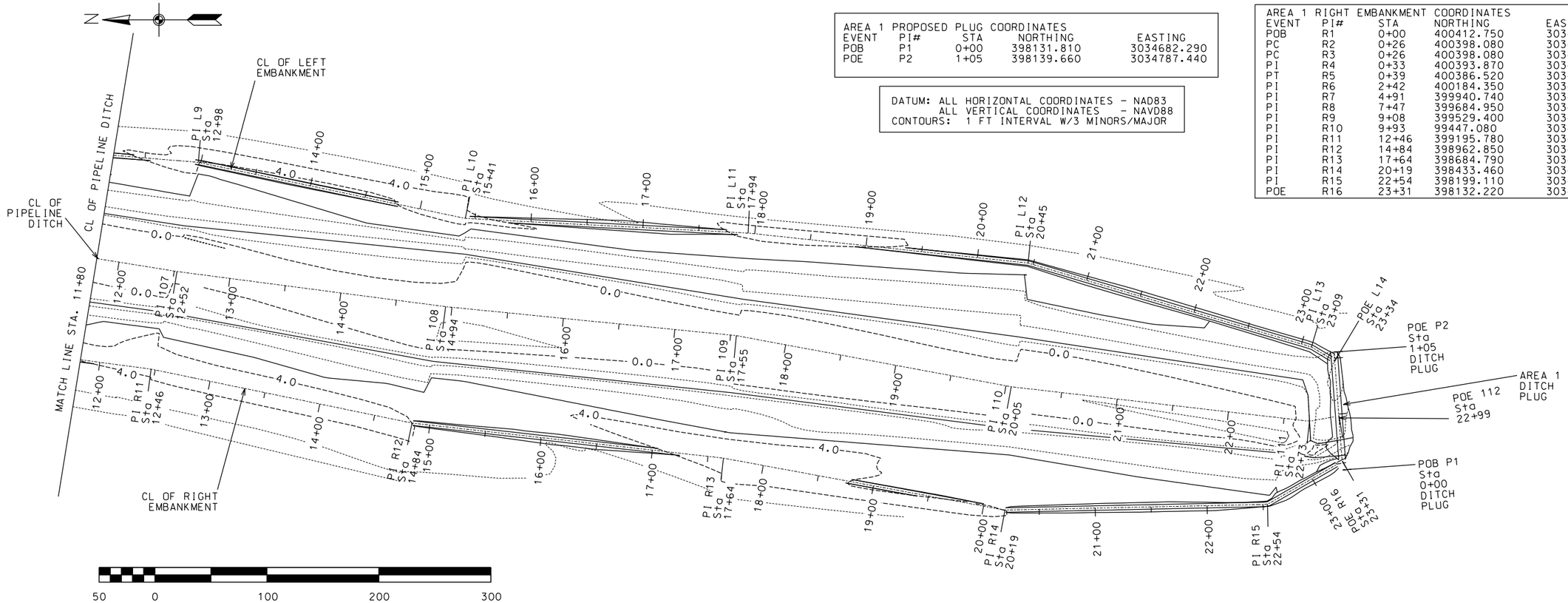
CAD FILENAME
AREA1CUTSHEETS
PROJECT NO.
LA311
SHEET NO 05 OF 19

...\AS BUILT DRAWINGS\LA311005.dgn 12/28/2004 3:30:52 PM

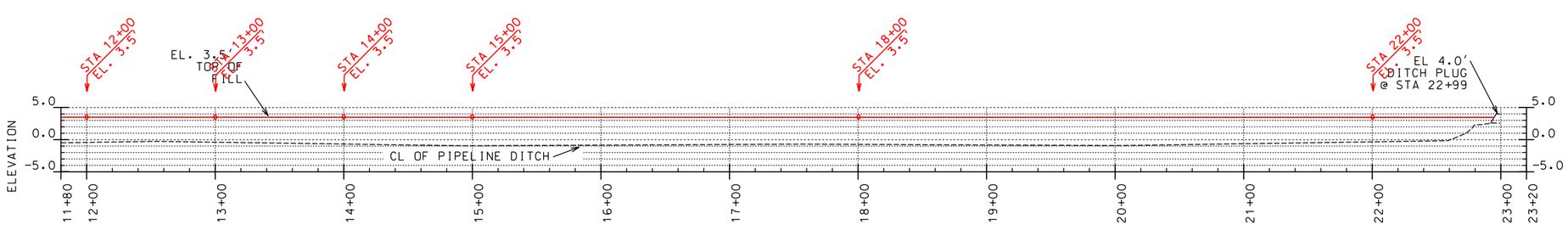
AREA 1 PROPOSED PLUG COORDINATES				
EVENT	PI#	STA	NORTHING	EASTING
POB	P1	0+00	398131.810	3034682.290
POE	P2	1+05	398139.660	3034787.440

DATUM: ALL HORIZONTAL COORDINATES - NAD83
ALL VERTICAL COORDINATES - NAVD88
CONTOURS: 1 FT INTERVAL W/3 MINORS/MAJOR

AREA 1 RIGHT EMBANKMENT COORDINATES				
EVENT	PI#	STA	NORTHING	EASTING
POB	R1	0+00	400412.750	3034970.320
PC	R2	0+26	400398.080	3034949.340
PC	R3	0+26	400398.080	3034949.340
PI	R4	0+33	400393.870	3034943.320
PT	R5	0+39	400386.520	3034942.960
PI	R6	2+42	400184.350	3034933.080
PI	R7	4+91	399940.740	3034880.650
PI	R8	7+47	399684.950	3034867.110
PI	R9	9+08	399529.400	3034827.450
PI	R10	9+93	99447.080	3034805.390
PI	R11	12+46	399195.780	3034772.270
PI	R12	14+84	398962.850	3034724.150
PI	R13	17+64	398684.790	3034692.860
PI	R14	20+19	398433.460	3034646.530
PI	R15	22+54	398199.110	3034651.590
POE	R16	23+31	398132.220	3034690.070



PLAN VIEW - AREA 1
STA. 11+80-STA. 22+99



PROFILE - AREA 1
CL OF PIPELINE DITCH
STA. 11+80-STA.22+99

NOTE:
SEE SHEET 03 OF 19 FOR WORK LIMITS
SEE SHEET 05 OF 19 FOR MAIN DITCH AND LEFT EMBANKMENT ALIGNMENT COORDINATES.
SEE SHEET 16 OF 19 FOR EARTHEN PLUG DETAILS.
SEE SHEET 17 OF 19 FOR EMBANKMENT DETAILS.

"AS-BUILT"
DATE OF COMPLETION 05/11/04

Designed C. E. LAFLEUR 05/02
Drawn P.COLE 05/02
Traced
Checked C. E. LAFLEUR 07/02

Approved by E. J. GIERING, III 08/02
Title STATE CONSERVATION ENGINEER
ALEXANDRIA, LOUISIANA
Title

AREA 1 PLAN & PROFILE
STA. 11+80-STA. 22+99
LAKE PORTAGE LAND BRIDGE PROJECT
VERMILION PARISH, LOUISIANA

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

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILENAME AREA1CUTSHT
PROJECT NO. LA311
SHEET NO 6 OF 19

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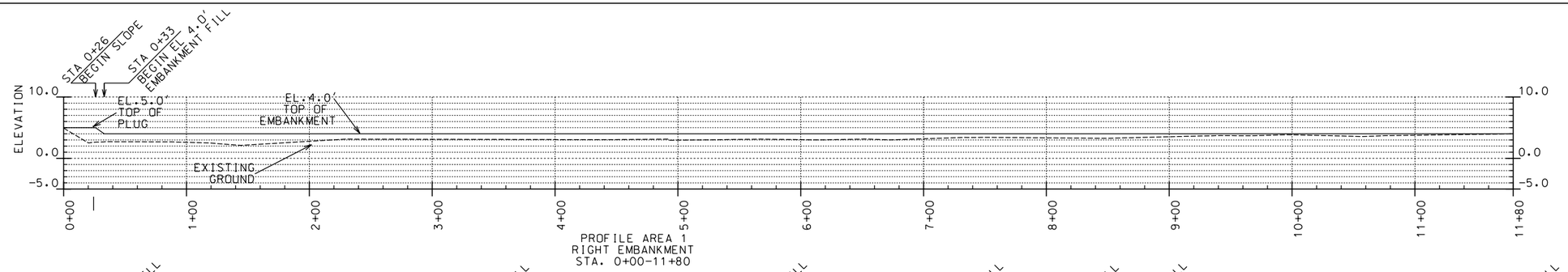
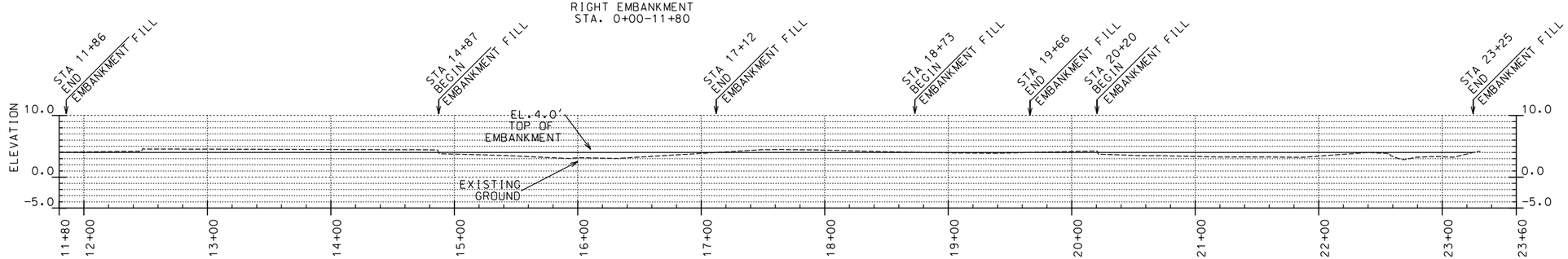


PROFILE AREA 1
RIGHT EMBANKMENT
STA. 0+00-11+80



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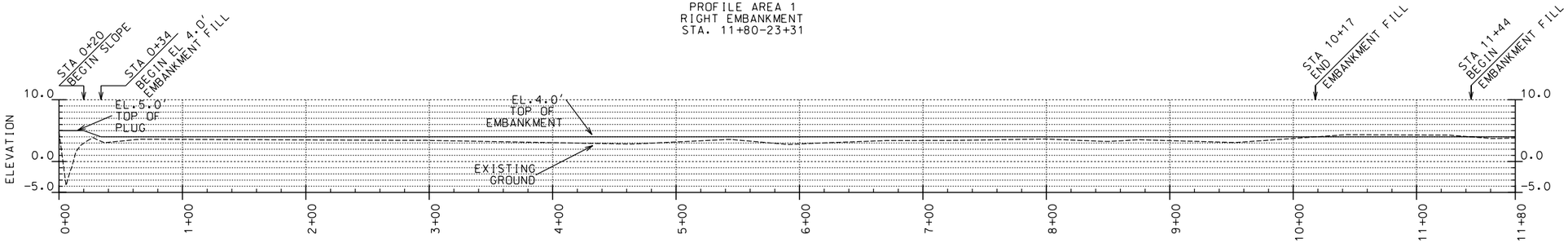
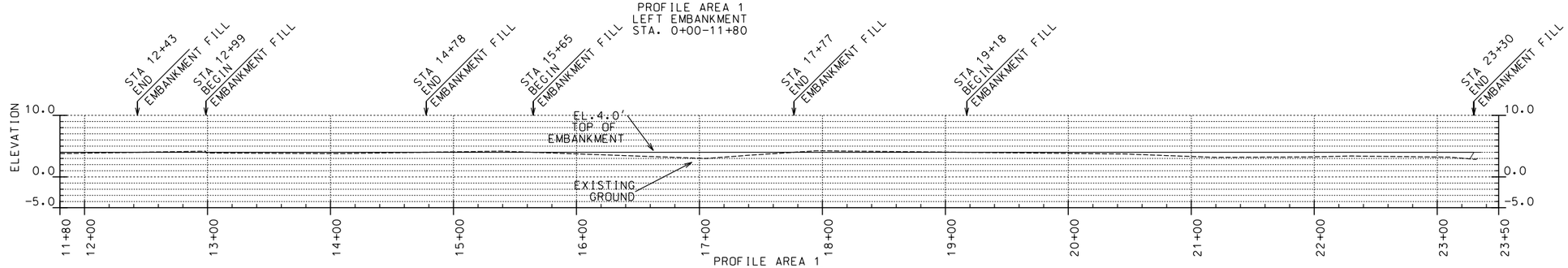
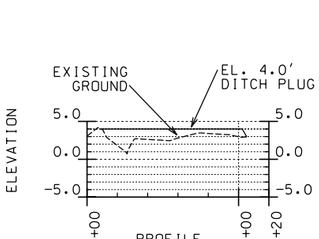
RIGHT EMBANKMENT
STA. 11+80-23+31



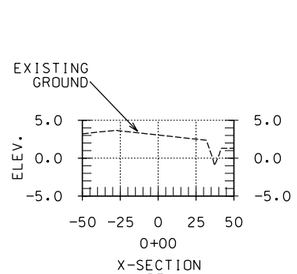
PROFILE AREA 1
LEFT EMBANKMENT
STA. 0+00-11+80



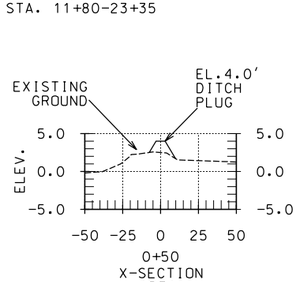
PROFILE AREA 1
LEFT EMBANKMENT
STA. 11+80-23+35



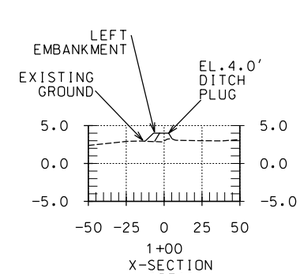
PROFILE
AREA 1
DITCH PLUG
@ STA 22+99



X-SECTION
AREA1
DITCH PLUG
@ STA 22+99



X-SECTION
AREA1
DITCH PLUG
@ STA 22+99



X-SECTION
AREA1
DITCH PLUG
@ STA 22+99

NOTE:

EMBANKMENT FILL STATIONS ARE APPROXIMATE. BEGIN AND END AREAS SHALL BE STAKED IN THE FIELD BY THE COTR

"AS-BUILT"

DATE OF COMPLETION 05/11/04

		Date
Approved by	E. J. GIERING, III	08/02
Title	STATE CONSERVATION ENGINEER	
	ALEXANDRIA, LOUISIANA	
Title		

		Date
Designed	C. E. LAFLEUR	07/02
Drawn	P. COLE	07/02
Traced		
Checked	C. E. LAFLEUR	07/02

AREA 1 PROFILE-DITCH PLUG, LEFT AND RIGHT EMBANKMENTS.
LAKE PORTAGE LAND BRIDGE PROJECT
VERMILION PARISH, LOUISIANA

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

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILENAME
LA311007

PROJECT NO.
LA311

SHEET NO 07 OF 19

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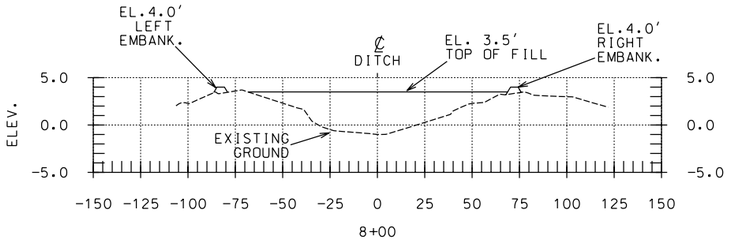
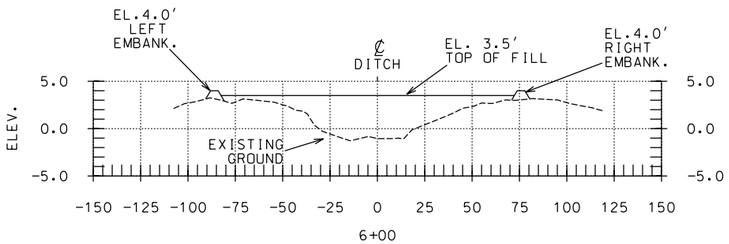


8+00

XSECT-AREA 1



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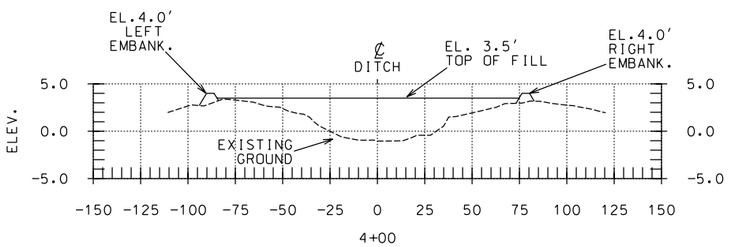

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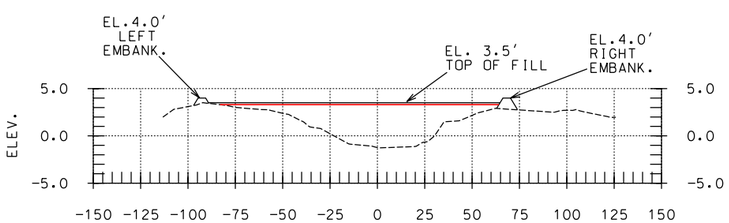

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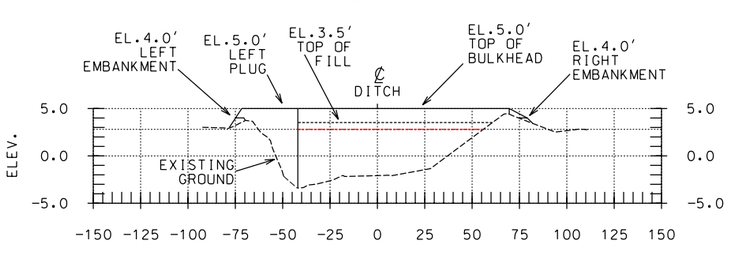
XSECT-AREA 1



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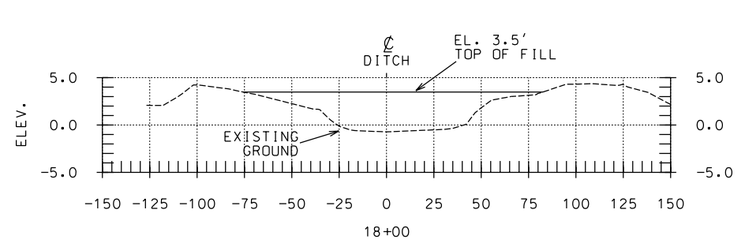
XSECT-AREA 1



18+00

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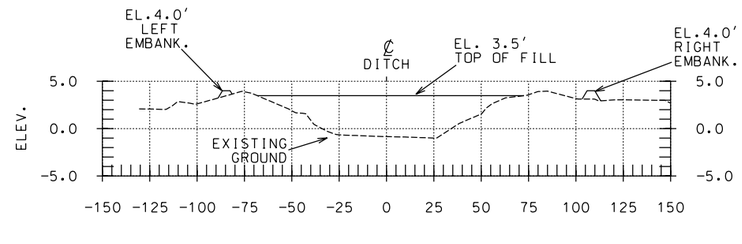

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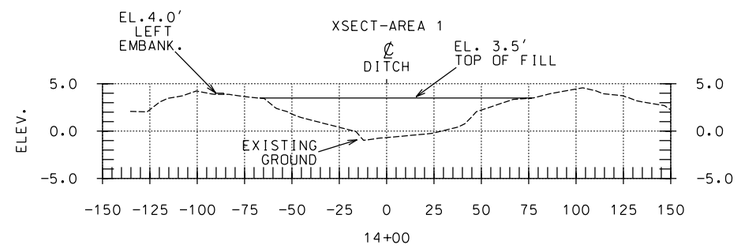

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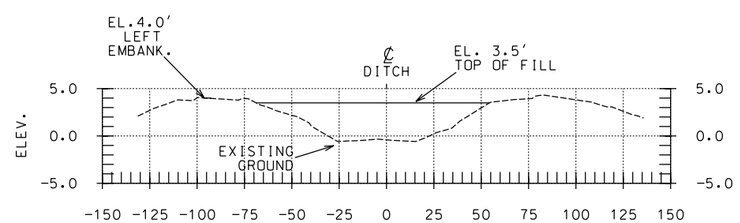

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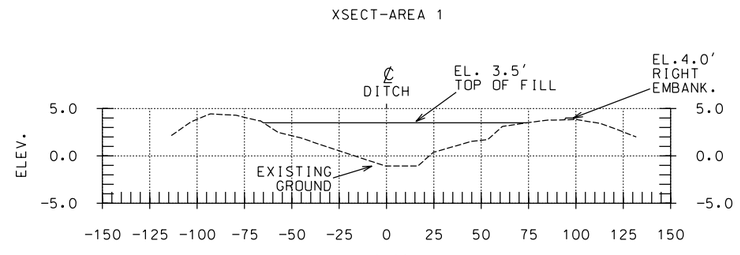

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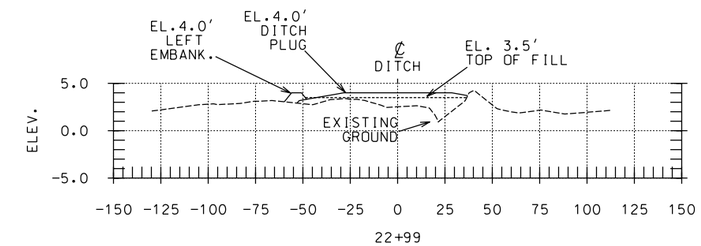
XSECT-AREA 1



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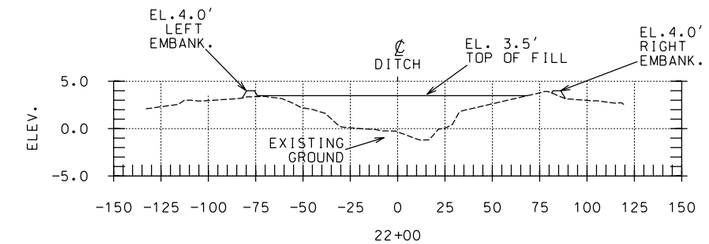
XSECT-AREA 1



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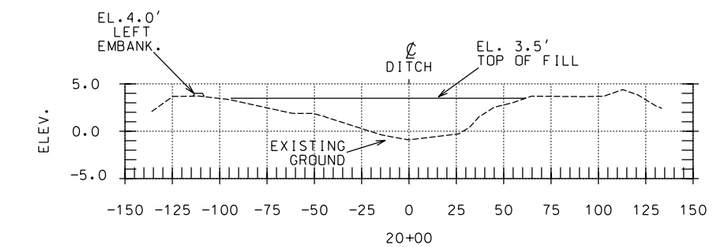
XSECT-AREA 1



20+00

XSECT-AREA 1

"AS-BUILT"

DATE OF COMPLETION 05/11/04

		Date
Approved by E. J. GIERING, III		08/02
Title	STATE CONSERVATION ENGINEER	
	ALEXANDRIA, LOUISIANA	
Title		

		Date
Designed	C.E.LAFLEUR	05/02
Drawn	P.COLE	05/02
Traced		
Checked	C.E.LAFLEUR	07/02

AREA 1 XSECT. STA.0+00-STA.22+99
LAKE PORTAGE LAND BRIDGE PROJECT
VERMILION PARISH, LOUISIANA

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

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILENAME
LA311008

PROJECT NO.
LA311

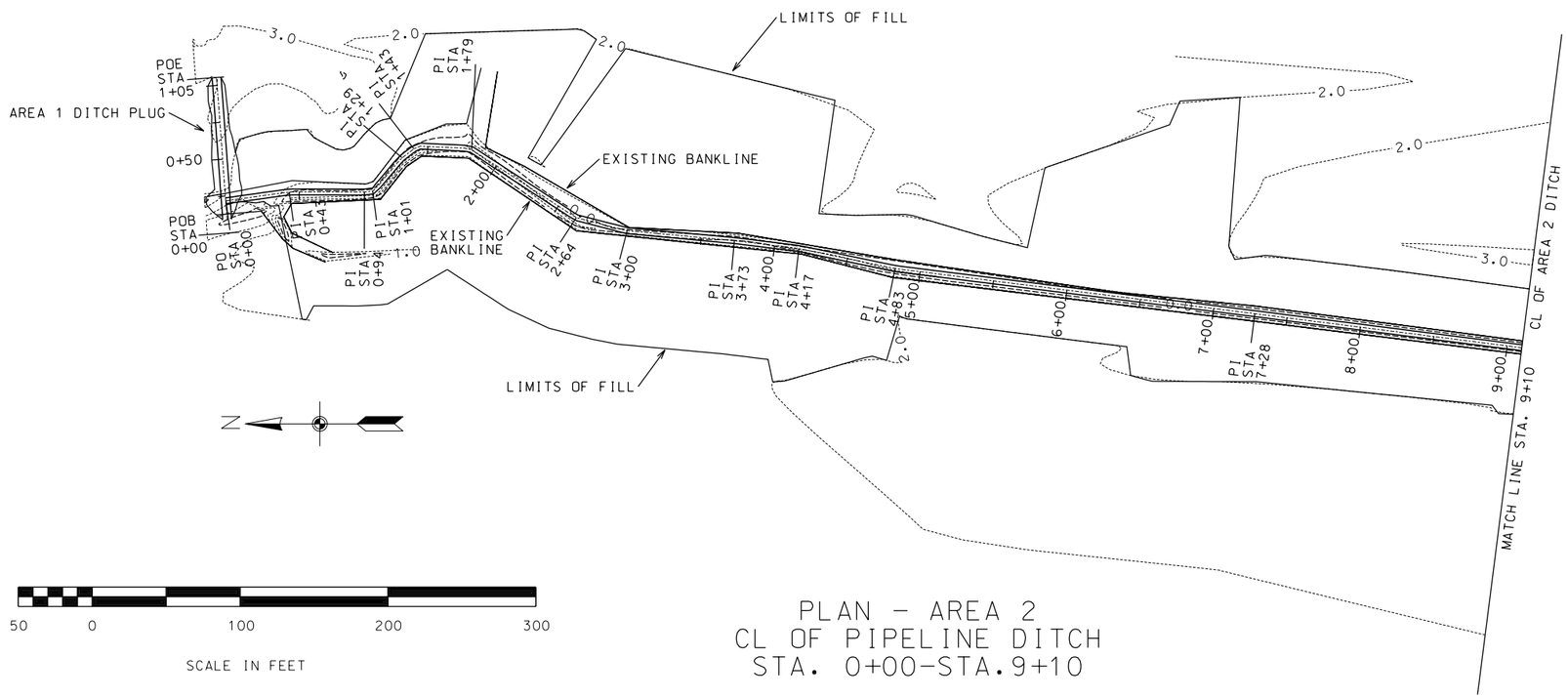
SHEET NO 08 OF 19

...\AS BUILT DRAWINGS\LA311008.dgn 12/28/2004 4:03:05 PM

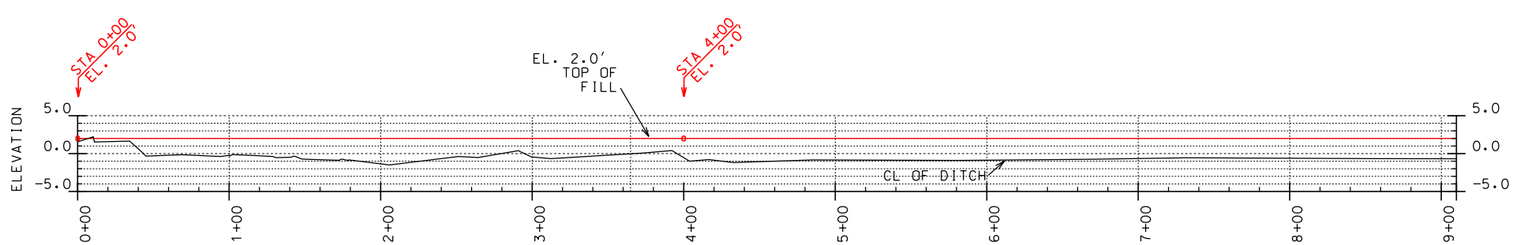
AREA 2 DITCH COORDINATES

EVENT	PI#	STA	NORTHING	EASTING
POB	201	0+00	398133.430	3034704.070
PI	202	0+43	398090.600	3034710.080
PI	203	0+94	398039.720	3034709.960
PI	204	1+01	398033.410	3034710.780
PI	205	1+43	398003.880	3034741.100
PI	206	1+78	397968.500	3034739.510
PI	207	2+64	397896.500	3034692.710
PI	208	3+00	397862.140	3034683.880
PI	209	3+73	397789.600	3034677.200
PI	210	4+17	397745.940	3034671.830
PI	211	4+83	397680.960	3034658.280
PI	212	7+28	397437.870	3034627.790
PI	213	9+90	397178.330	3034594.680
PI	214	12+46	396924.730	3034554.820
PI	215	14+71	396702.650	3034524.240
PI	216	17+32	396443.710	3034489.660
POE	217	18+26	396349.460	3034489.410

DATUM: ALL HORIZONTAL COORDINATES - NAD83
ALL VERTICAL COORDINATES - NAVD88
CONTOURS: 1 FT INTERVAL W/3 MINORS/MAJOR



PLAN - AREA 2
CL OF PIPELINE DITCH
STA. 0+00-STA.9+10



PROFILE - AREA 2
CL OF PIPELINE DITCH
STA. 0+00-STA.9+10

NOTE:
SEE SHEET 03 OF 19 FOR WORK LIMITS
SEE SHEET 11 OF 19 FOR CROSS-SECTIONS.

"AS-BUILT"
DATE OF COMPLETION 05/11/04

Designed C. E. LAFLEUR Date 05/02
Drawn P.COLE Date 05/02
Traced
Checked C. E. LAFLEUR Date 07/02

Approved by E. J. GERING, III Date 08/02
Title STATE CONSERVATION ENGINEER
ALEXANDRIA, LOUISIANA
Title

AREA 2 PLAN & PROFILE
STA. 0+00-STA. 9+10
LAKE PORTAGE LAND BRIDGE PROJECT
VERMILION PARISH, LOUISIANA

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

REVISIONS
NO. DATE APPR. TITLE

CAD FILENAME LA311009
PROJECT NO. LA311
SHEET NO 9 OF 19

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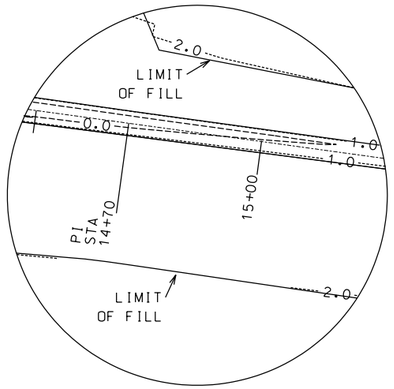
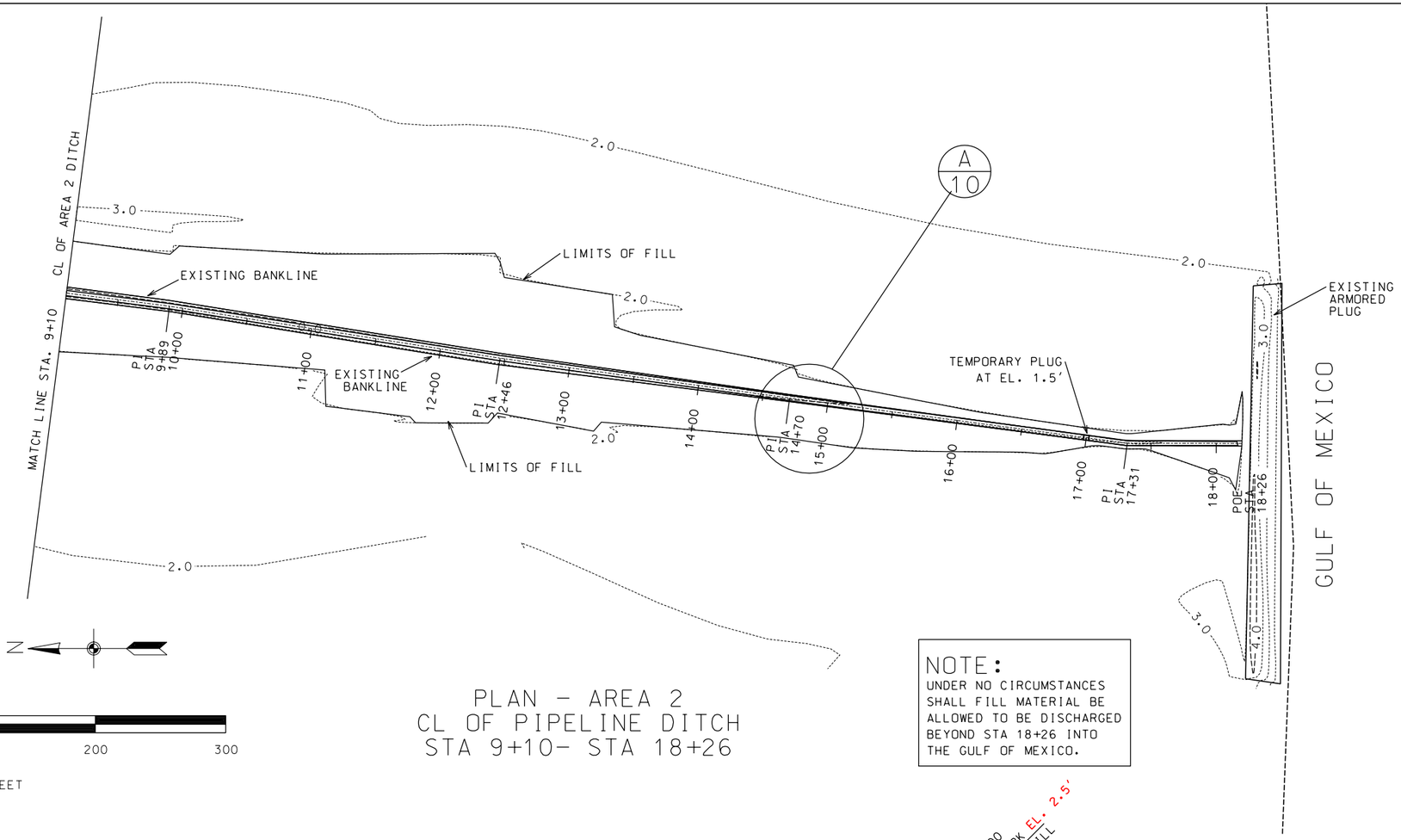
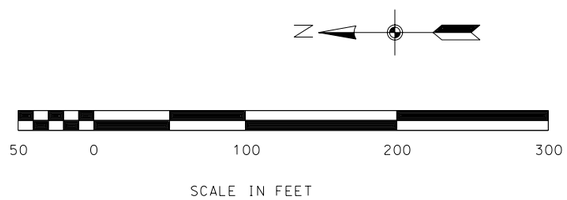


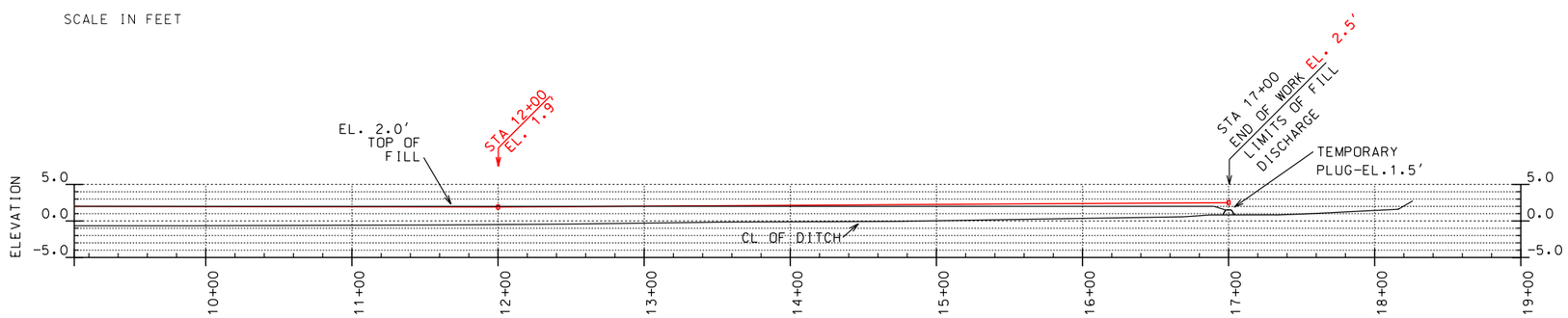
DETAIL A/10
DITCH CONTOURS





PLAN - AREA 2
CL OF PIPELINE DITCH
STA 9+10- STA 18+26

NOTE:
UNDER NO CIRCUMSTANCES SHALL FILL MATERIAL BE ALLOWED TO BE DISCHARGED BEYOND STA 18+26 INTO THE GULF OF MEXICO.



PROFILE - AREA 2
CL OF PIPELINE DITCH
STA 9+10-STA 18+26

DATUM: ALL HORIZONTAL COORDINATES - NAD83
ALL VERTICAL COORDINATES - NAVD88
CONTOURS: 1 FT INTERVAL W/3 MINORS/MAJOR

NOTE:
SEE SHEET 03 OF 19 FOR WORK LIMITS
SEE SHEET 11 OF 19 FOR CROSS-SECTIONS.

"AS-BUILT"
DATE OF COMPLETION 05/11/04

		Date
Designed	C.E. LAFLEUR	05/02
Drawn	P.COLE	05/02
Traced		
Checked	C.E. LAFLEUR	07/02

Approved by E. J. GIERING, III — Title STATE CONSERVATION ENGINEER, ALEXANDRIA, LOUISIANA — Date 08/02

AREA 2 PLAN & PROFILE
STA. 9+10-STA 18+26
LAKE PORTAGE LAND BRIDGE PROJECT
VERMILION PARISH, LOUISIANA

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

REVISIONS

NO.	DATE	APPR.	TITLE

CAD FILENAME LA311010
PROJECT NO. LA311
SHEET NO 10 OF 19

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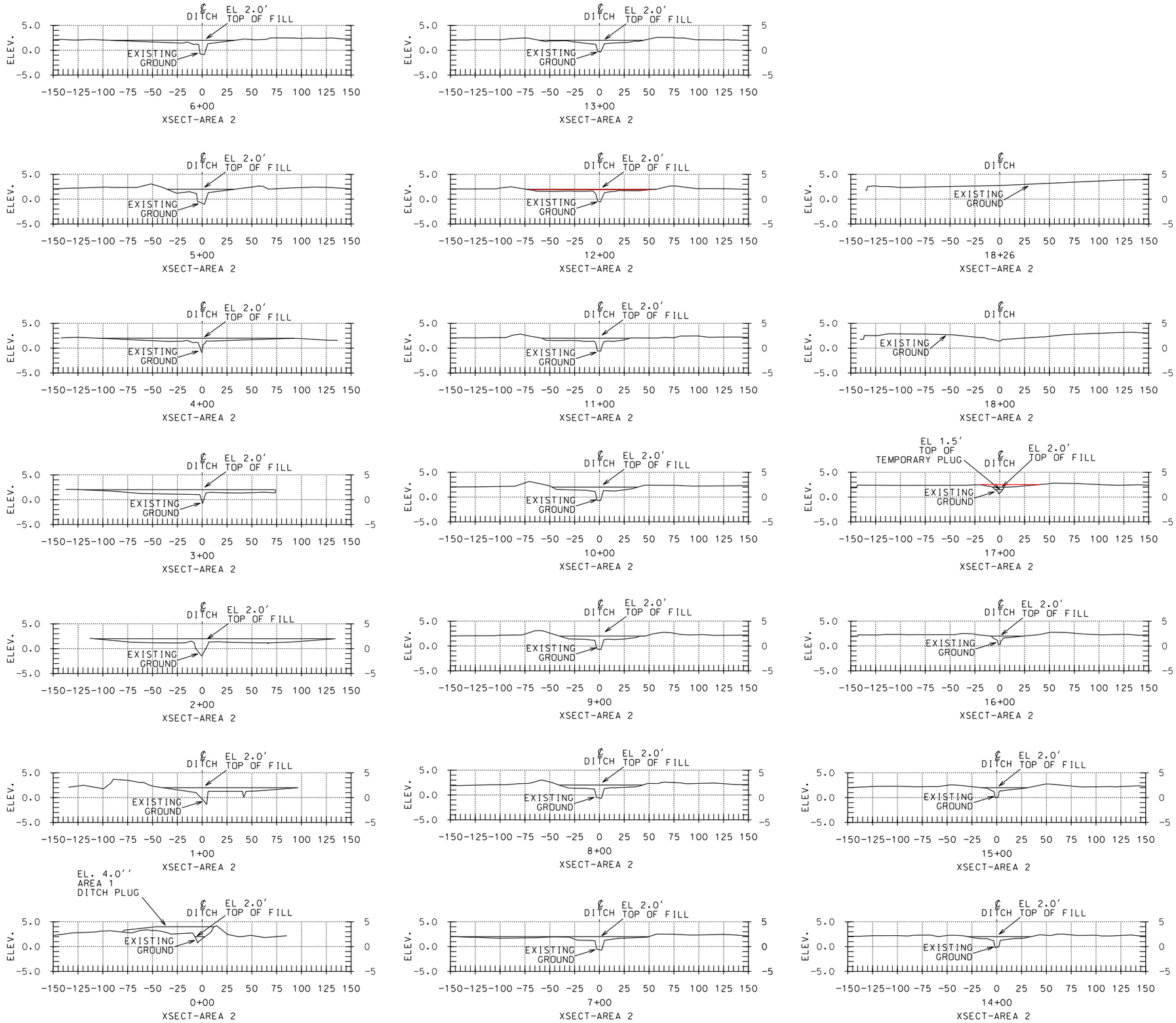


"AS-BUILT"

DATE OF COMPLETION 05/11/04

Designed	C.E.LAFLEUR	05/02	Approved by E. J. GIERING, III 08/02
Drawn	P.COLE	05/02	Title STATE CONSERVATION ENGINEER
Traced			ALEXANDRIA, LOUISIANA
Checked	C.E.LAFLEUR	07/02	Title

AREA 2 XSECT. STA.0+00-STA.18+26
LAKE PORTAGE LAND BRIDGE PROJECT
VERMILION PARISH, LOUISIANA

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

REVISIONS

NO.	DATE	APPR.	TITLE

CAD FILENAME LA311011

PROJECT NO. LA311

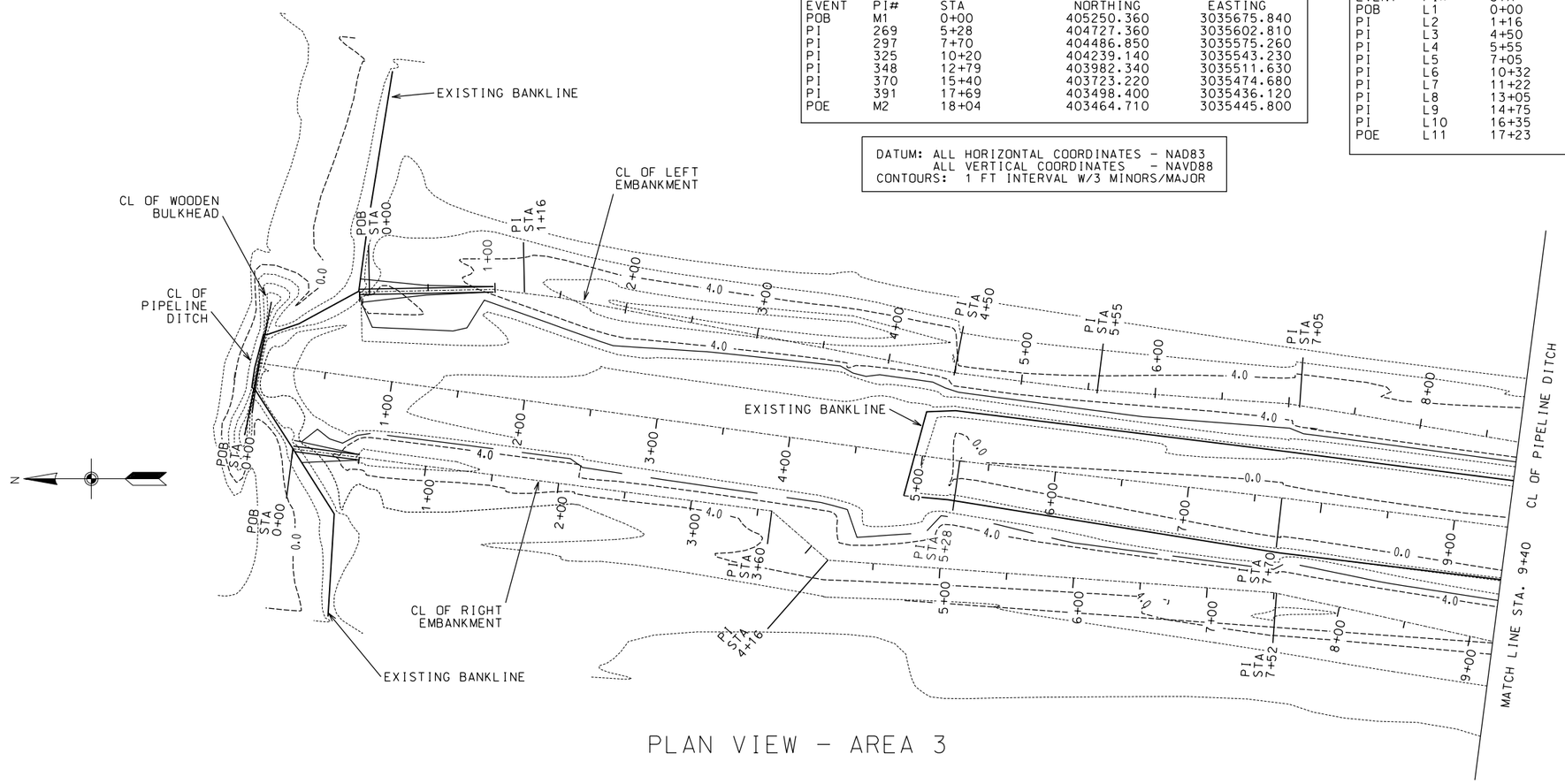
SHEET NO 11 OF 19

...\AS BUILT DRAWINGS\LA311011.dgn 12/28/2004 4:27:07 PM

AREA 3 MAIN DITCH COORDINATES				
EVENT	PI#	STA	NORTHING	EASTING
POB	M1	0+00	405250.360	3035675.840
PI	269	5+28	404727.360	3035602.810
PI	297	7+70	404486.850	3035575.260
PI	325	10+20	404239.140	3035543.230
PI	348	12+79	403982.340	3035511.630
PI	370	15+40	403723.220	3035474.680
PI	391	17+69	403498.400	3035436.120
POE	M2	18+04	403464.710	3035445.800

DATUM: ALL HORIZONTAL COORDINATES - NAD83
ALL VERTICAL COORDINATES - NAVD88
CONTOURS: 1 FT INTERVAL W/3 MINORS/MAJOR

AREA 3 LEFT EMBANKMENT COORDINATES				
EVENT	PI#	STA	NORTHING	EASTING
POB	L1	0+00	405175.450	3035729.030
PI	L2	1+16	405059.810	3035731.250
PI	L3	4+50	404731.390	3035668.690
PI	L4	5+55	404627.000	3035655.610
PI	L5	7+05	404477.900	3035645.270
PI	L6	10+32	404155.610	3035590.850
PI	L7	11+22	404065.960	3035583.270
PI	L8	13+05	403884.870	3035552.270
PI	L9	14+75	403716.470	3035533.880
PI	L10	16+35	403556.900	3035514.850
POE	L11	17+23	403471.910	3035494.960

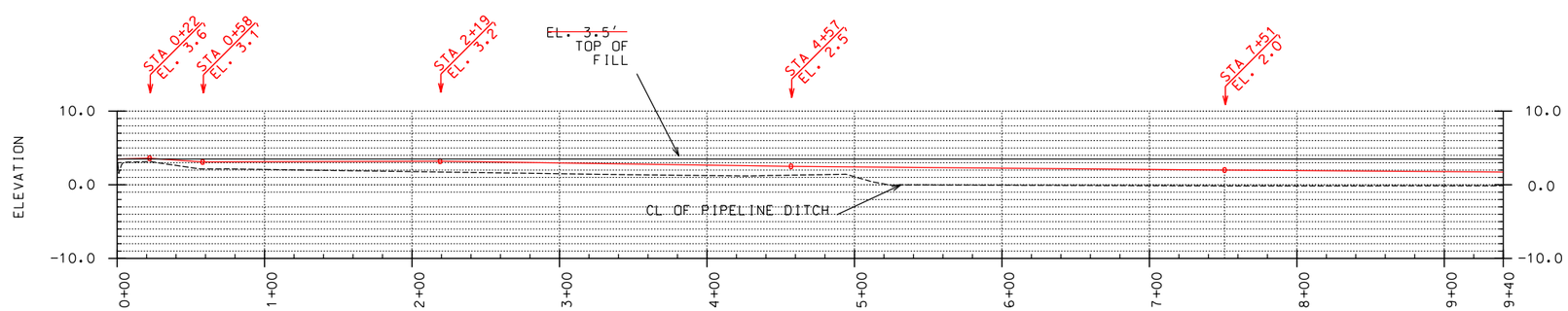


PLAN VIEW - AREA 3

50 0 100 200 300

SCALE IN FEET

NOTE FINAL SURVEYS ON AREA 3 WERE TAKEN ON 3/26/04



PROFILE - AREA 3
CL OF PIPELINE DITCH

NOTE:
SEE SHEET 04 OF 19 FOR WORK LIMITS
SEE SHEET 13 OF 19 FOR RIGHT EMBANKMENT ALIGNMENT AND DITCH PLUG COORDINATES.
SEE SHEET 14 OF 19 FOR CROSS SECTIONS
SEE SHEET 17 OF 19 FOR EMBANKMENT DETAILS
SEE SHEET 18 OF 18 FOR PROPOSED EARTHEN PLUG DETAILS.

"AS-BUILT"
DATE OF COMPLETION 05/11/04

Approved by E. J. GIERING, III Date 08/02
Title STATE CONSERVATION ENGINEER
ALEXANDRIA, LOUISIANA
Title

Designed C. E. LAFLEUR Date 05/02
Drawn P.COLE 05/02
Traced
Checked C. E. LAFLEUR 07/02

AREA 3 PLAN & PROFILE
STA. 0+00-STA 9+40
LAKE PORTAGE LAND BRIDGE PROJECT
VERMILION PARISH, LOUISIANA

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

REVISIONS
NO. DATE APPR. TITLE

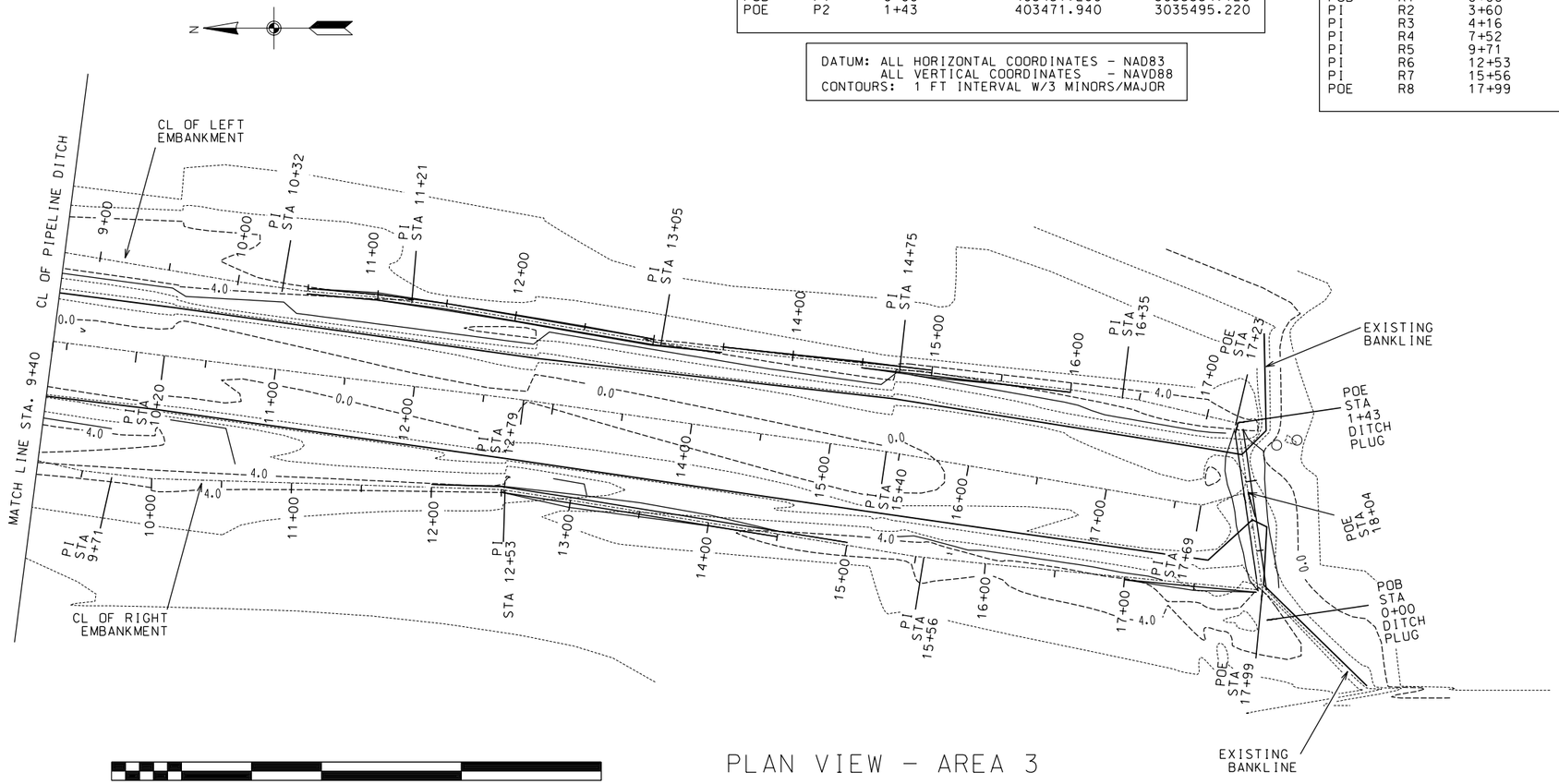
CAD FILENAME LA311012
PROJECT NO. LA311
SHEET NO 12 OF 19

...\AS BUILT DRAWINGS\LA311012.dgn 12/29/2004 9:25:11 AM

AREA 3 PROPOSED PLUG COORDINATES				
EVENT	PI#	STA	NORTHING	EASTING
POB	P1	0+00	403451.280	3035354.120
POE	P2	1+43	403471.940	3035495.220

DATUM: ALL HORIZONTAL COORDINATES - NAD83
ALL VERTICAL COORDINATES - NAVD88
CONTOURS: 1 FT INTERVAL W/3 MINORS/MAJOR

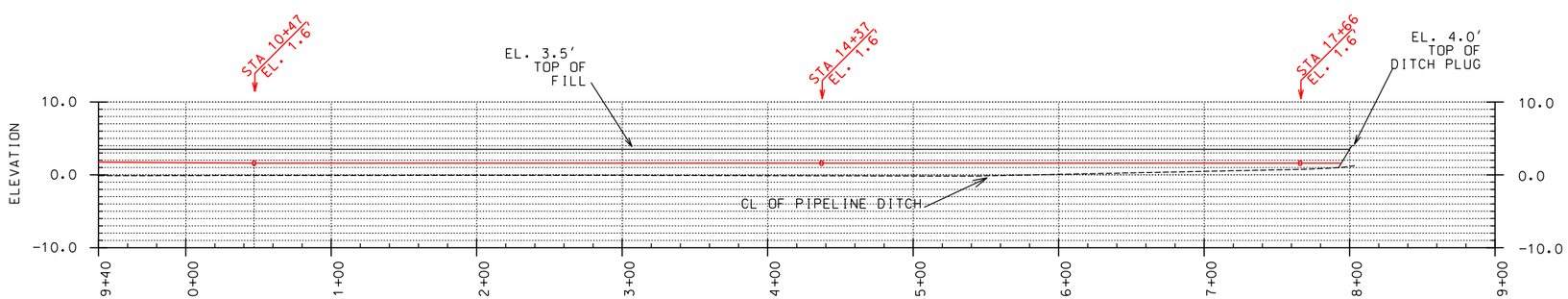
AREA 3 RIGHT EMBANKMENT COORDINATES				
EVENT	PI#	STA	NORTHING	EASTING
POB	R1	0+00	405225.110	3035611.960
PI	R2	3+60	404867.680	3035565.500
PI	R3	4+16	404825.790	3035528.810
PI	R4	7+52	404490.900	3035504.350
PI	R5	9+71	404276.680	3035456.300
PI	R6	12+53	403995.640	3035447.520
PI	R7	15+56	403696.370	3035398.770
POE	R8	17+99	403454.440	3035375.680



PLAN VIEW - AREA 3

50 0 100 200 300

SCALE IN FEET



PROFILE - AREA 3
CL OF PIPELINE DITCH

NOTE FINAL SURVEYS ON AREA 3 WERE TAKEN ON 3/26/04

NOTE:
SEE SHEET 04 OF 19 FOR WORK LIMITS
SEE SHEET 12 OF 19 FOR MAIN DITCH AND LEFT EMBANKMENT COORDINATES.
SEE SHEET 14 OF 19 FOR CROSS SECTIONS
SEE SHEET 17 OF 19 FOR EMBANKMENT DETAILS
SEE SHEET 18 OF 19 FOR PROPOSED EARTHEN PLUG DETAILS.

"AS-BUILT"
DATE OF COMPLETION 05/11/04

Approved by E. J. GIERING, III — Date 08/02
Title STATE CONSERVATION ENGINEER
ALEXANDRIA, LOUISIANA
Title

Designed C.E.LAFLEUR — Date 05/02
Drawn P.COLE — 05/02
Traced
Checked C.E.LAFLEUR — 07/02

AREA 3 PLAN & PROFILE
STA. 9+40-STA. 18+04
LAKE PORTAGE LAND BRIDGE PROJECT
VERMILION PARISH, LOUISIANA

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

REVISIONS
NO. DATE APPR. TITLE

CAD FILENAME LA311013
PROJECT NO. LA311
SHEET NO 13 OF 19

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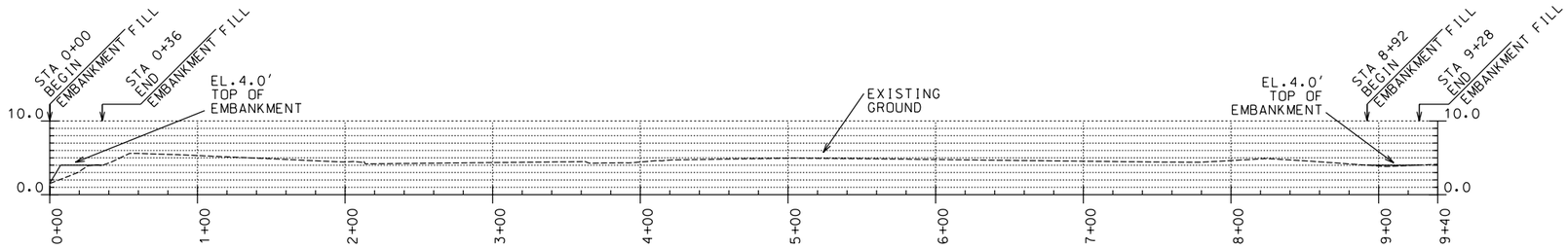
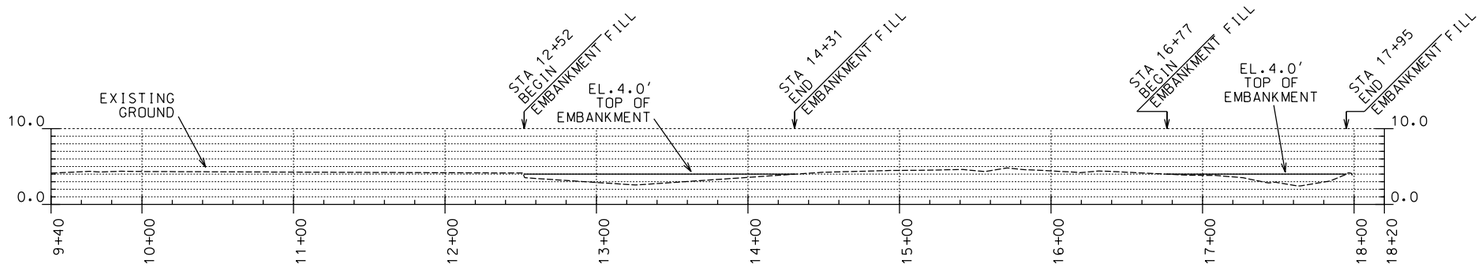
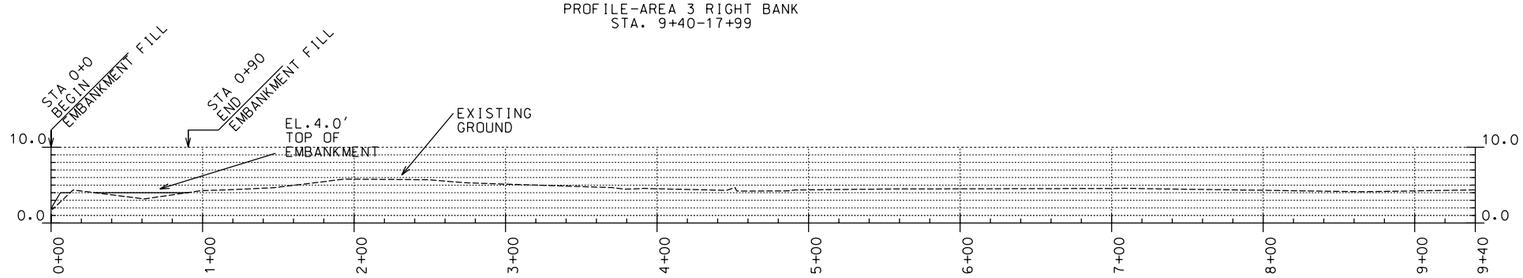


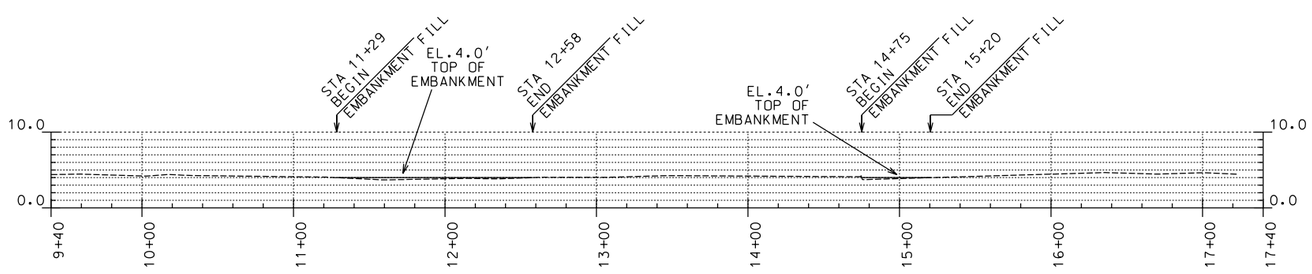
PROFILE-AREA 3 RIGHT BANK
STA. 0+00-9+40



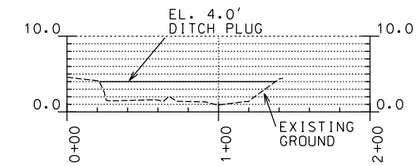
PROFILE-AREA 3 RIGHT BANK
STA. 9+40-17+99



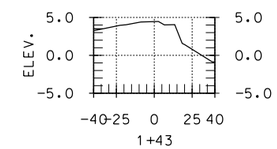
PROFILE-AREA 3 LEFT BANK
STA. 0+00-9+40



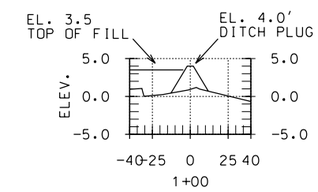
PROFILE-AREA 3 LEFT BANK
STA. 9+40-17+23



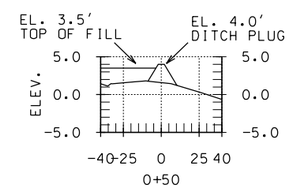
PROFILE-AREA 3 DITCH PLUG
STA. 0+00-1+43



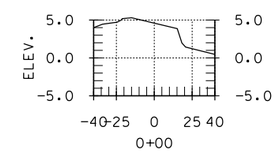
XSECT-AREA 3 DITCH PLUG



XSECT-AREA 3 DITCH PLUG



XSECT-AREA 3 DITCH PLUG



XSECT-AREA 3 DITCH PLUG

NOTE:

EMBANKMENT FILL STATIONS ARE APPROXIMATE. BEGIN AND END AREAS SHALL BE STAKED IN THE FIELD BY THE COTR

"AS-BUILT"

DATE OF COMPLETION 05/11/04

		Date
Approved by E. J. GIERING, III		08/02
Title	STATE CONSERVATION ENGINEER	
	ALEXANDRIA, LOUISIANA	
Title		

		Date
Designed	C.E.LAFLEUR	05/02
Drawn	P. COLE	05/02
Traced		
Checked	C.E. LAFLEUR	07/02

AREA 3 PROFILE-DITCH PLUG,
LEFT & RIGHT EMBANKMENT
LAKE PORTAGE LAND BRIDGE PROJECT
VERMILION PARISH, LOUISIANA

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

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILENAME
LA3110014

PROJECT NO.
LA311

SHEET NO 14 OF 19

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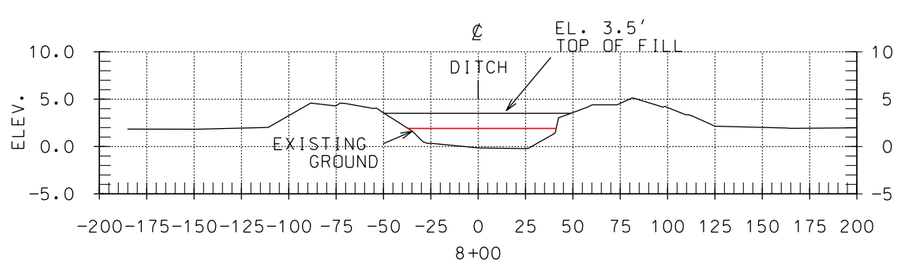
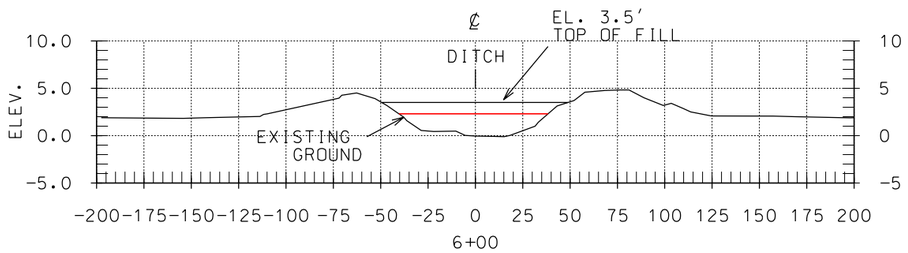


XSECT-AREA 3



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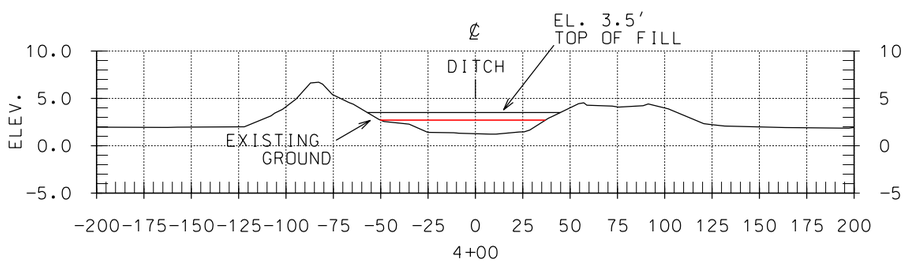

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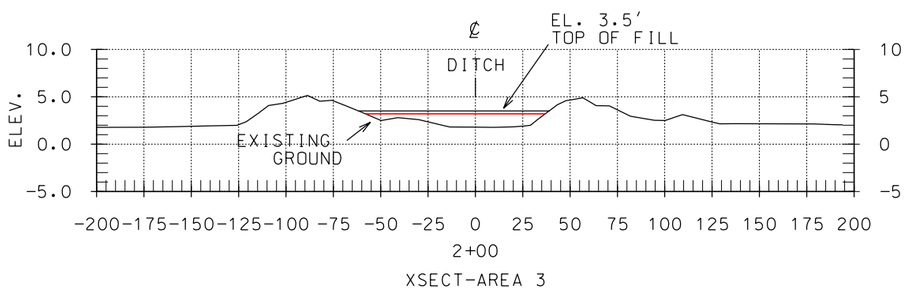

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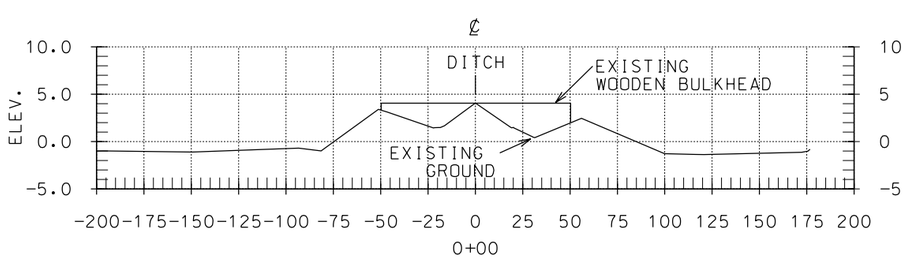

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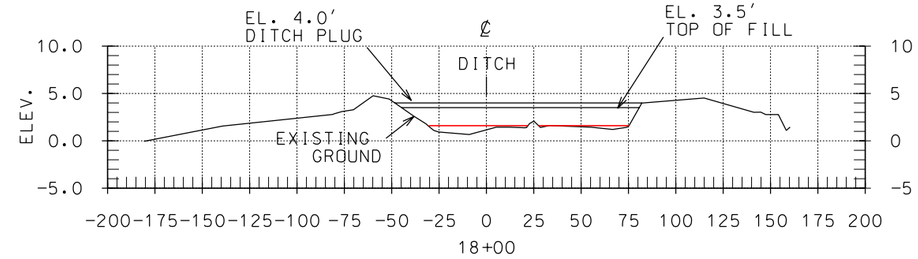

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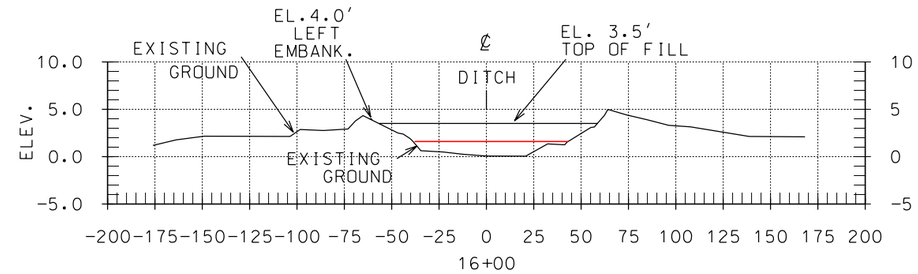

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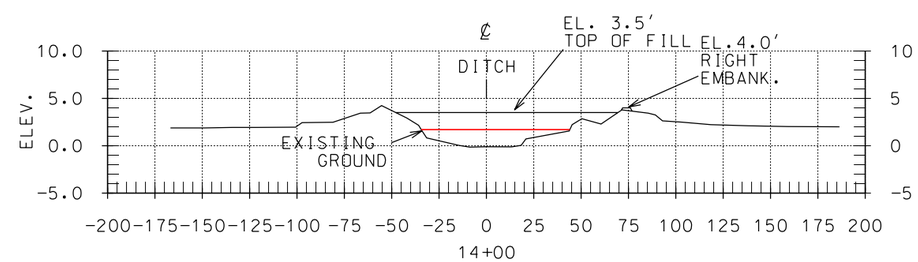

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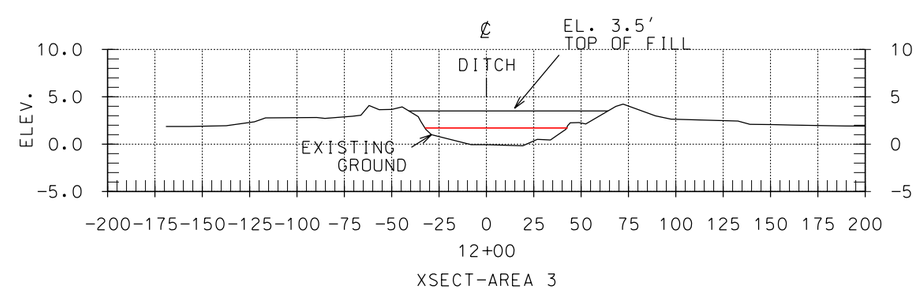

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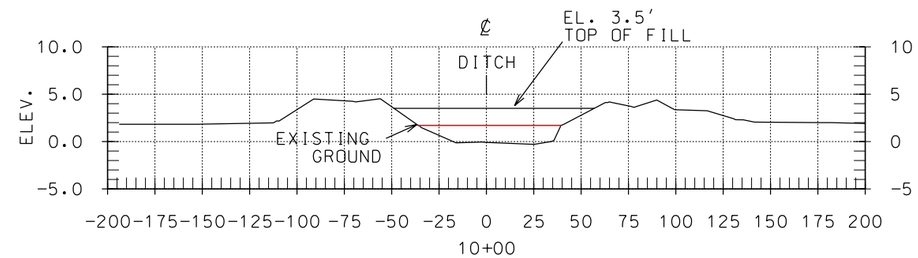

XSECT-AREA 3

"AS-BUILT"

DATE OF COMPLETION 05/11/04

		Date
Designed	C. E. LAFLEUR	05/02
Drawn	P. COLE	05/02
Traced		
Checked	C. E. LAFLEUR	07/02

Approved by E. J. GIERING, III — Date 08/02

Title: STATE CONSERVATION ENGINEER, ALEXANDRIA, LOUISIANA

Title:

AREA 3 XSECT. STA.0+00-STA.18+00
LAKE PORTAGE LAND BRIDGE PROJECT
VERMILION PARISH, LOUISIANA

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

REVISIONS

NO.	DATE	APPR.	TITLE

CAD FILENAME LA311015

PROJECT NO. LA311

SHEET NO 15 OF 19

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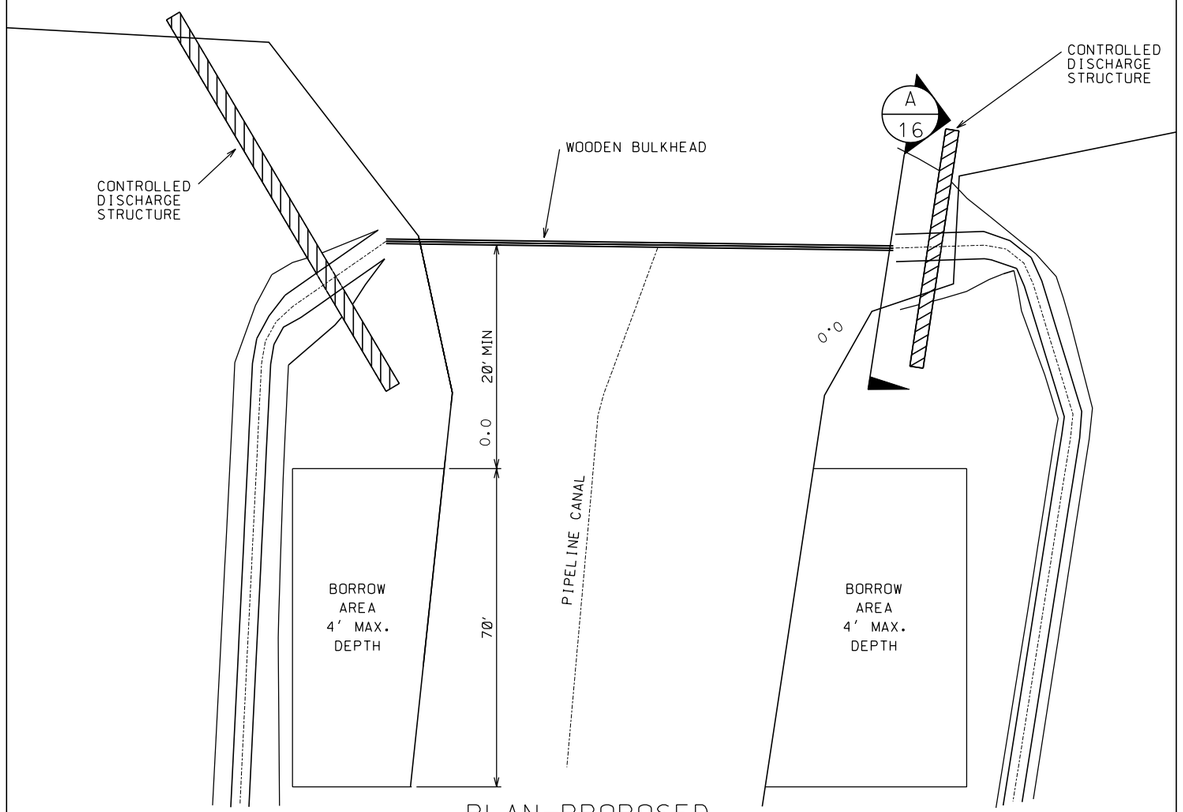
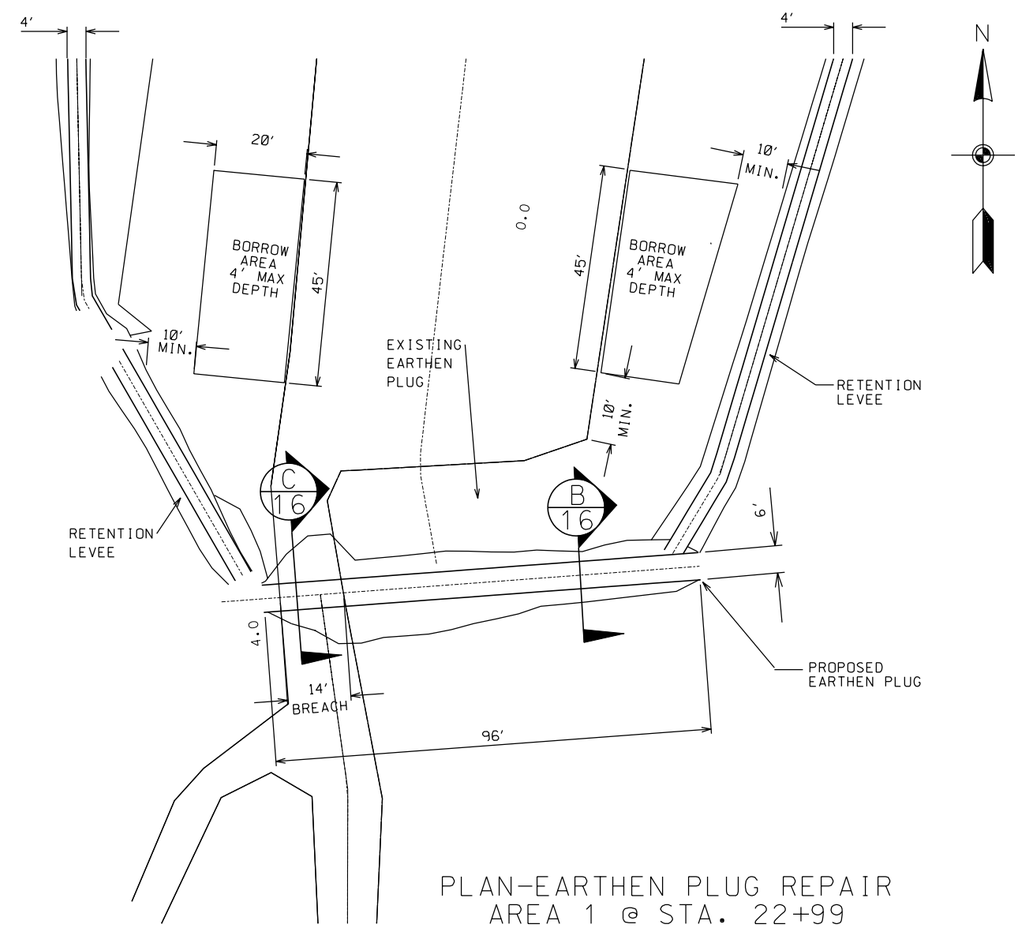
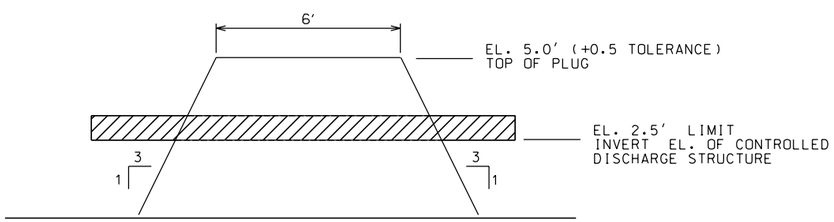


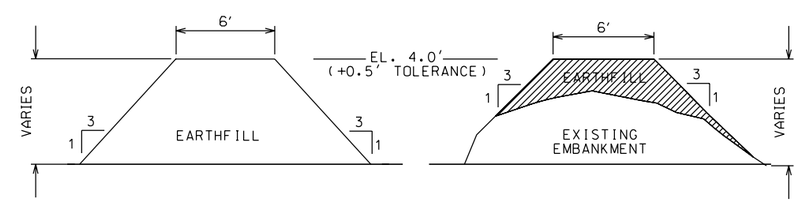
PLAN-PROPOSED EARTHEN PLUGS
AREA 1 @ STA. 0+00



PLAN-EARTHEN PLUG REPAIR
AREA 1 @ STA. 22+99



SECTION A/16
PROPOSED EARTHEN PLUG AREA 1 @ STA. 0+00



SECTION C/16
AREA 1 PROPOSED EARTHEN REPAIR @ STA 22+99

SECTION B/16
AREA 1 PROPOSED EARTHEN REPAIR @ STA 22+99

NOTE:
1. DATUM: ALL HORIZONTAL COORDINATES - NAD83
ALL VERTICAL COORDINATES - NAVD88.
2. EXACT BORROW AREA LIMITS SHALL BE AS CONCURRED IN BY THE COTR.

(NOT TO SCALE)

(NOT TO SCALE)

"AS-BUILT"
DATE OF COMPLETION 05/11/04

Designed	C.E. LAFLEUR	07/02	Approved by E.J. GIERING, III 08/02
Drawn	P. COLE	07/02	Title STATE CONSERVATION ENGINEER
Traced			ALEXANDRIA, LOUISIANA
Checked	C.E. LAFLEUR	07/02	Title

AREA 1 PROPOSED EARTHEN PLUGS
AT STA. 0+00 & STA. 22+99
LAKE PORTAGE LAND BRIDGE PROJECT
VERMILION, LOUISIANA

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

REVISIONS
NO. DATE APPR. TITLE

CAD FILENAME
LA311016.DGN
PROJECT NO.
LA311
SHEET NO 16 OF 19

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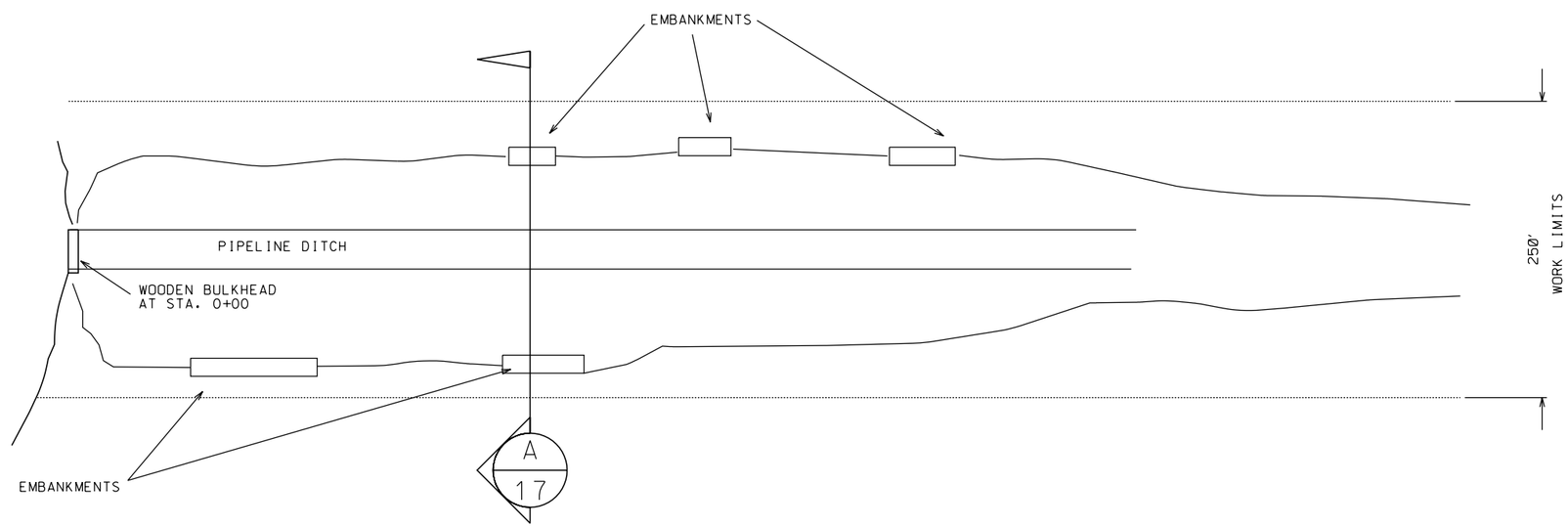
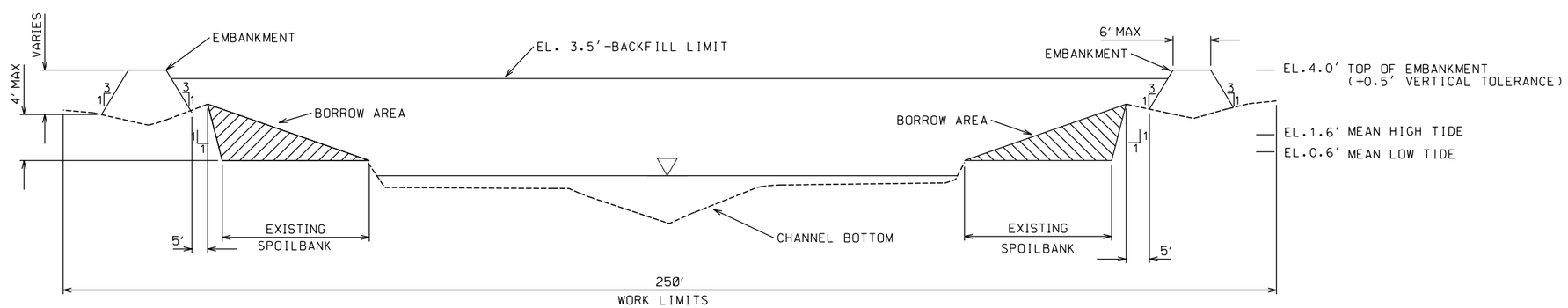


TYPICAL EMBANKMENT PLAN
FOR AREA 3 AND 1



CHANNEL SECTION A/17
FOR AREA 1 & 3

(NOT TO SCALE)

NOTE:

1. DATUM: ALL HORIZONTAL COORDINATES - NAD83
   ALL VERTICAL COORDINATES - NAVD88.

2. INCREMENT AREAS OF EXISTING EAST AND WEST SPOILBANKS IN AREA 3 AND AREA 1 WILL REQUIRE EMBANKMENTS TO CONFINE DISPOSAL MATERIAL. BORROW SITES WILL CONSIST OF EXISTING SPOILBANK MATERIAL (ABOVE WATERLINE ONLY) AND WILL BE BACKFILLED WITH DREDGED MATERIAL FROM VERMILION BAY. EMBANKMENTS WILL NOT EXTEND OUTSIDE OF ADJOINING BACKFILL LIMIT CONTOURS.

3. EXACT BACKFILL LIMITS SHALL BE AS CONCURRED IN BY THE COTR.

"AS-BUILT"
DATE OF COMPLETION 05/11/04

		Date
Approved by	E. J. GIERING, III	08/02
Title	STATE CONSERVATION ENGINEER	
	ALEXANDRIA, LOUISIANA	
Title		

		Date
Designed	C.E. LAFLEUR	07/02
Drawn	P. COLE	07/02
Traced		
Checked	C.E. LAFLEUR	07/02

EMBANKMENT PLAN & SECTION
FOR AREA 3 AND AREA 1
LAKE PORTAGE LANDBRIDGE PROJECT
VERMILION PARISH, LOUISIANA

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

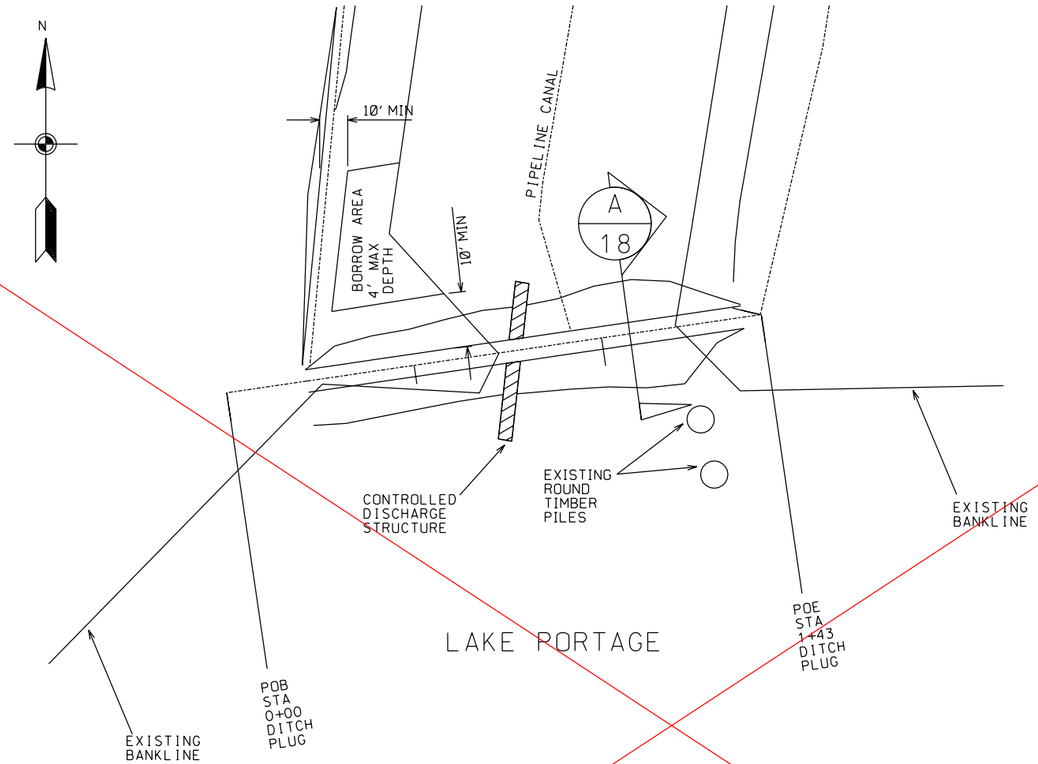
REVISIONS			
NO.	DATE	APPR.	TITLE

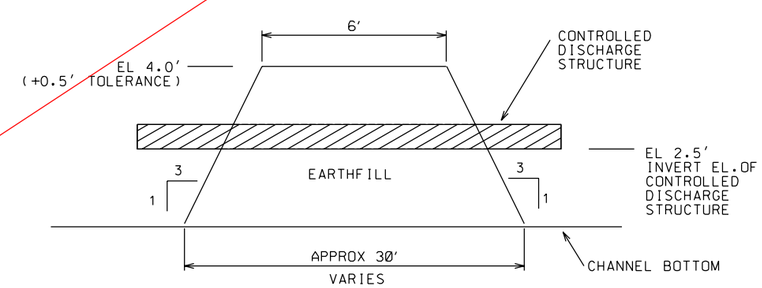
CAD FILENAME
LA311017.DGN

PROJECT NO.
LA311

SHEET NO 17 OF 19

...\AS BUILT DRAWINGS\LA311017.dgn 12/28/2004 4:54:27 PM





SECTION A/18
AREA 3 PROPOSED EARTHEN PLUG

NOTE:

1. DATUM: ALL HORIZONTAL COORDINATES - NAD83
   ALL VERTICAL COORDINATES - NAVD88.
2. EXACT BORROW AREA LIMITS SHALL BE AS CONCURRED IN BY THE COTR.

(NOT TO SCALE)

REPLACED BY SHEET 18M3
SEE MODIFICATION # 6

"AS-BUILT"
DATE OF COMPLETION 05/11/04

		Date
Designed	C.E. LAFLEUR	07/02
Drawn	P.COLE	07/02
Traced		
Checked	C.E. LAFLEUR	07/02

Approved by WINFIELD A. LOUISIANA 08/02
Title NATURAL RESOURCES CONSERVATION SERVICE
Title E.J. STAUFFER, III

AREA 3 EARTHEN PLUG DETAILS
LAKE PORTAGE LAND BRIDGE PROJECT
VERMILION, LOUISIANA

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

REVISIONS

NO.	DATE	APPR.	TITLE

CAD FILENAME LA311018.DGN
PROJECT NO. LA311
SHEET NO 18 OF 19

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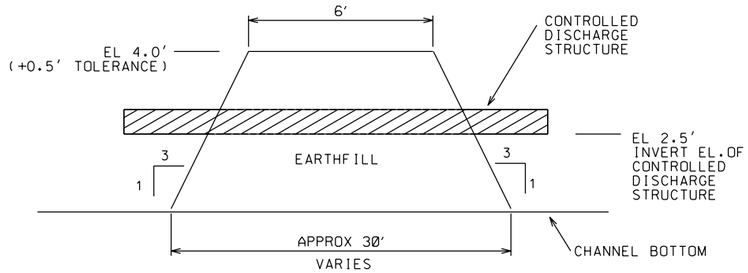
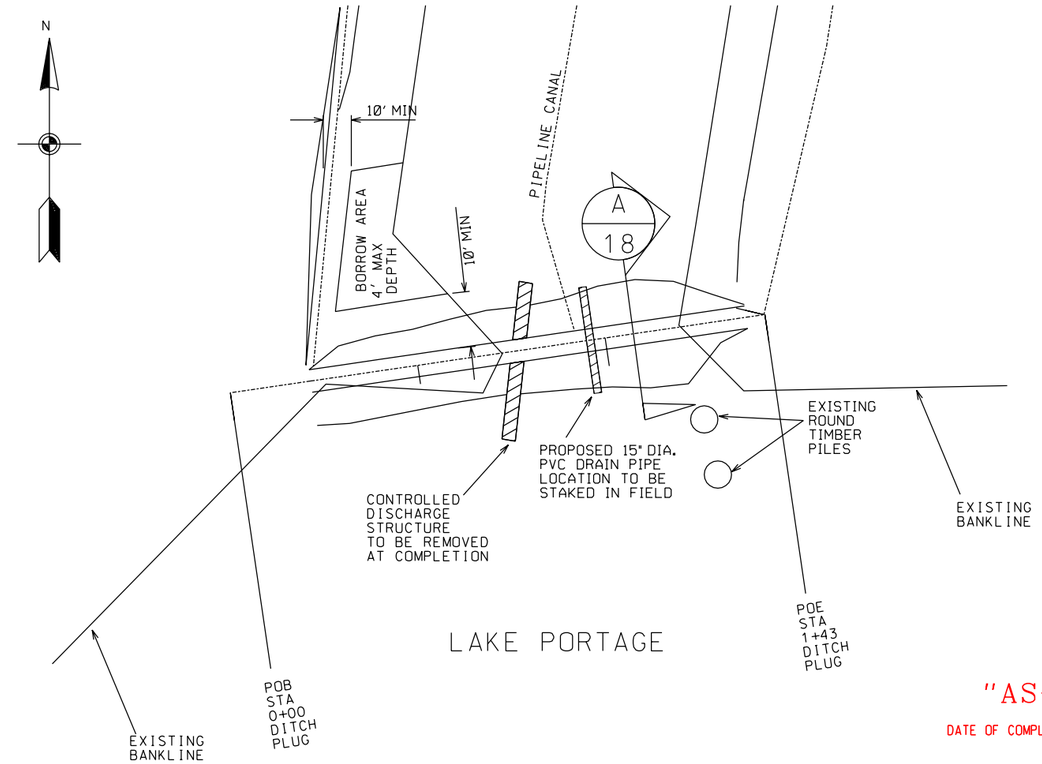


SECTION A/18
AREA 3 PROPOSED EARTHEN PLUG

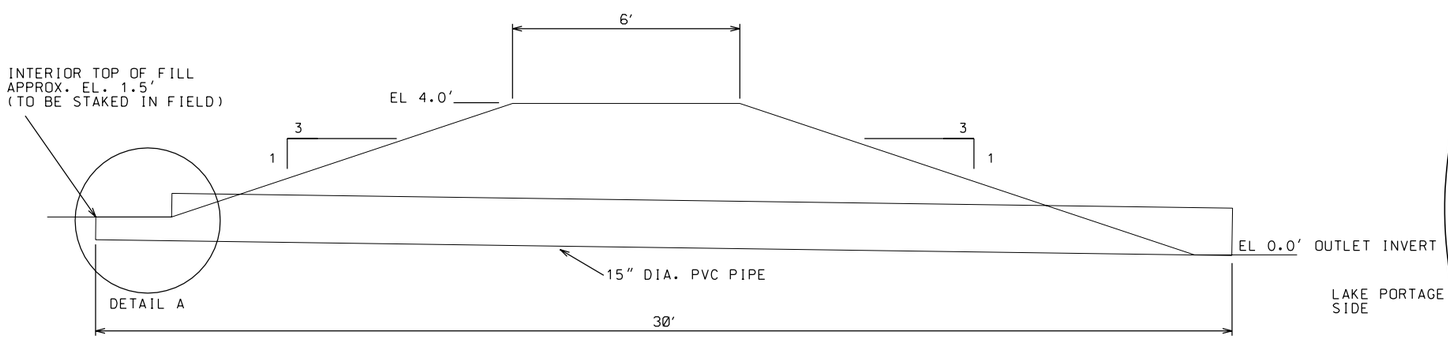


"AS-BUILT"
DATE OF COMPLETION 05/11/04

NOTE:

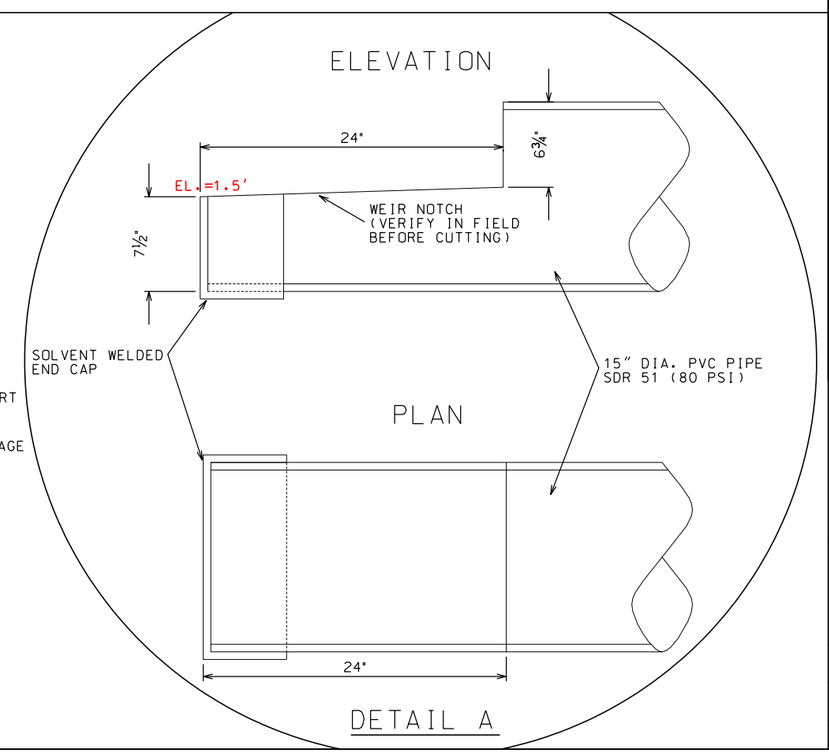
1. DATUM: ALL HORIZONTAL COORDINATES - NAD83
   ALL VERTICAL COORDINATES - NAVD88.
2. EXACT BORROW AREA LIMITS SHALL BE AS CONCURRED IN BY THE COTR.

MODIFICATION 3



15' DIA. PVC DRAIN PIPE

(NOT TO SCALE)



Designed	C.E. LAFLEUR	07/02
Drawn	P.COLE	07/02
Traced		
Checked	C.E. LAFLEUR	07/02

Approved by WWISDOM, LOUISIANA ASTENGINEERING ENGINEER 08/02
Title STATE CONSERVATIONIST
Title E.J. STOLTZ, JR.

AREA 3 EARTHEN PLUG DETAILS
LAKE PORTAGE LAND BRIDGE PROJECT
VERMILION, LOUISIANA

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

REVISIONS			
NO.	DATE	APPR.	TITLE
MOD 3	1/2004	BAS	ASCE

CAD FILENAME
LA311018M3.DGN
PROJECT NO.
LA311
SHEET NO 18M3 OF 19

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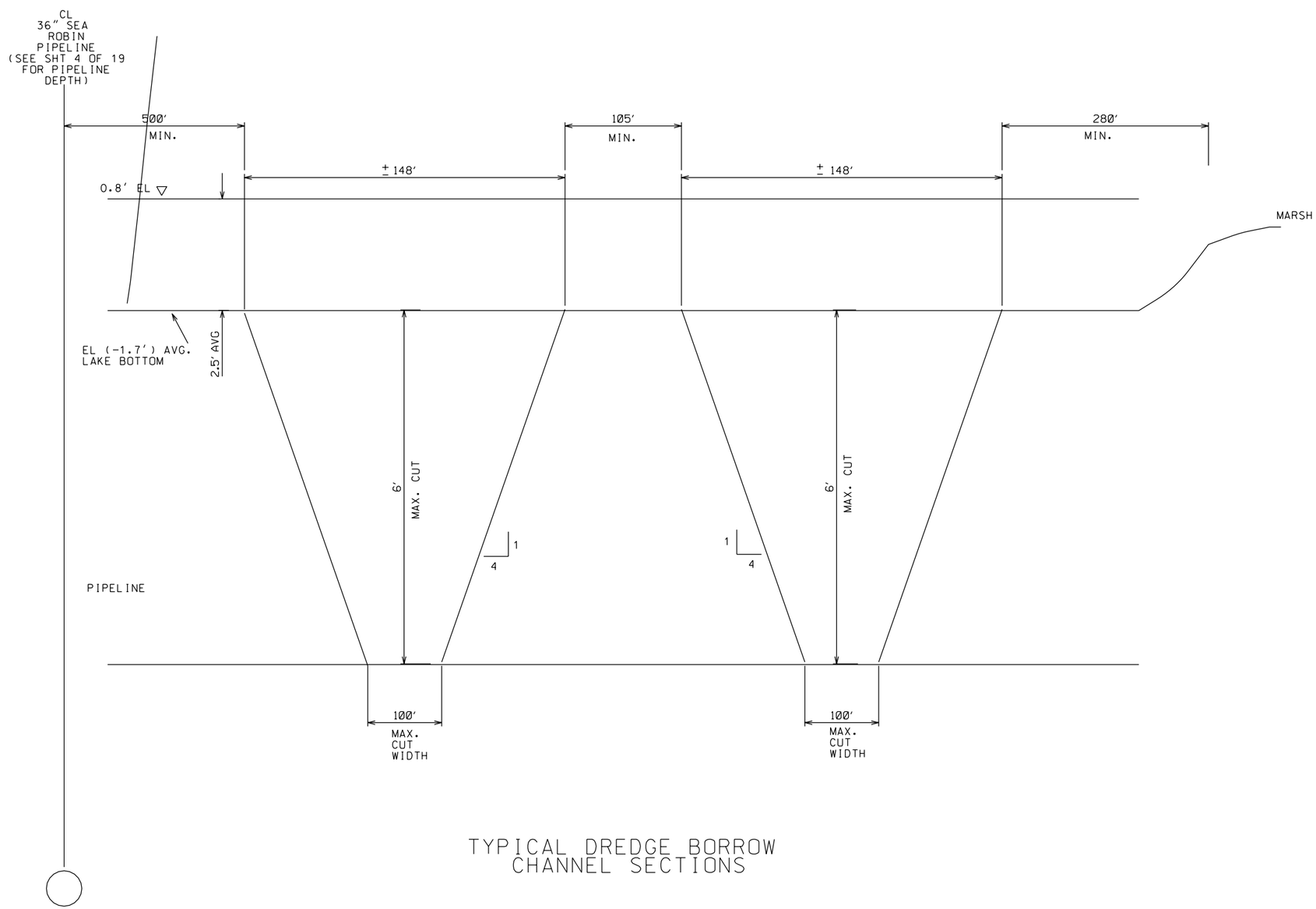
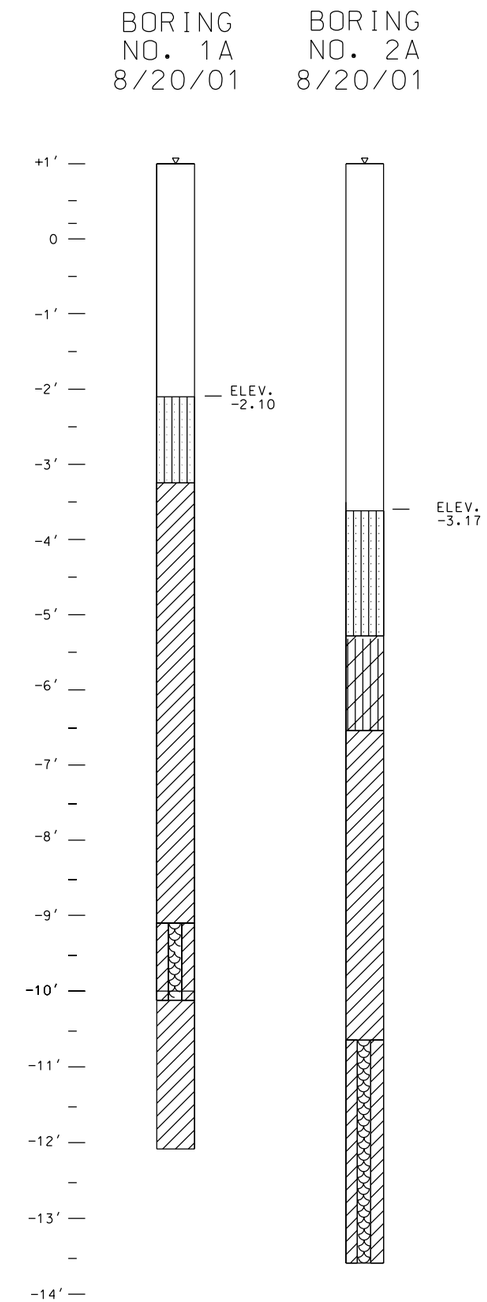


TYPICAL DREDGE BORROW
CHANNEL SECTIONS



SM	SILTY SAND, SAND-SILT MIXTURE
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
PT	PEAT, HUMUS, SWAMP SOIL

NOTE:
ELEVATIONS SHOWN ARE NAVD88
DATUM FROM USGS GAGE
RECORDER NO. 7387050 VERMILION
BAY @ BAYOU FEARMAN

NOTE:
SEE SHEET 4 OF 19 FOR
BOREHOLE LOCATION AND
BORROW AREA COORDINATES

(NOT TO SCALE)

"AS-BUILT"
DATE OF COMPLETION 05/11/04

Date
Approved by MAWAIDEO, LOUISIANA 08/02
Title STATE CONSERVATION ENGINEER
Title E. J. GIERING, III

Date
Designed C.E. LAFLEUR 07/02
Drawn P.COLE 07/02
Traced
Checked C.E. LAFLEUR 07/02

DREDGE BORROW CHANNEL SECTIONS
AND BOREHOLE DATA
LAKE PORTAGE LAND BRIDGE PROJECT
VERMILION, LOUISIANA

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

REVISIONS

NO.	DATE	APPR.	TITLE

CAD FILENAME
LA311019.DGN
PROJECT NO.
LA311
SHEET NO 19 OF 19

...\AS BUILT DRAWINGS\LA311019.dgn 12/28/2004 4:56:40 PM