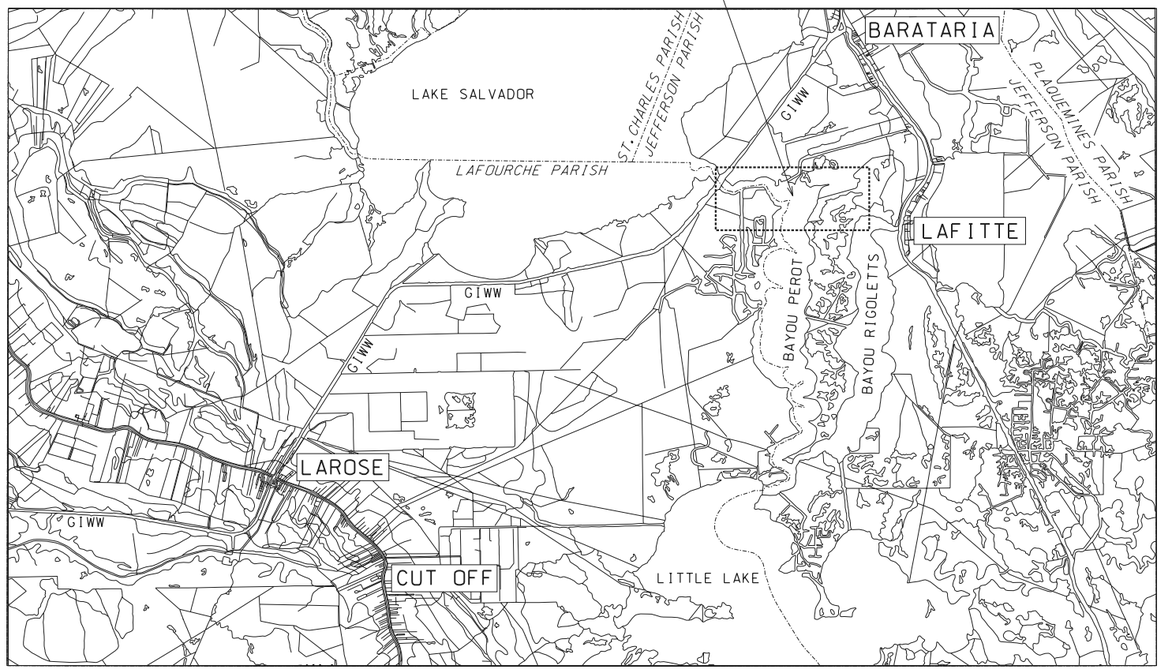
JONATHAN DAVIS WETLAND RESTORATION
CONSTRUCTION UNIT NO. 3
PROJECT BA - 20
BUILT UNDER
COASTAL WETLANDS, PLANNING, PROTECTION AND RESTORATION ACT
PUBLIC LAW 101-646
BY
LOUISIANA DEPARTMENT OF NATURAL RESOURCES
WITH THE ASSISTANCE OF
NATURAL RESOURCES CONSERVATION SERVICE
OF THE
UNITED STATES DEPARTMENT OF AGRICULTURE
2002

PROJECT AREA



VICINITY MAP

1 0 2 4 6
SCALE IN MILES

NOTE: ALIGNMENT CHANGES WERE DUE TO SHORELINE RETREAT FROM THE TIME OF DESIGN SURVEYS TO ACTUAL CONSRUCTION.

INDEX OF DRAWINGS

1	COVER SHEET
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4	WEST REACH - STA. 25+00-50+00
5	WEST REACH - STA. 50+00-75+00
~~6~~	~~WEST REACH - STA. 75+00-110+85~~
6M4	WEST REACH - STA. 75+00-111+70
6AM5	MOD 5 W.REACH-STA113+35-131+34
7	PIPELINE - DETAILS
8	WEST REACH PROFILE - STA. 0+00-40+00
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12	WEST REACH - SECTION SET #2
13	WEST REACH - SECTION SET #3
14	WEST REACH - SECTION SET #4
~~15~~	~~WEST REACH - SECTION SET #5~~
15M4	WEST REACH-SECTION SET #5
15AM5	MOD 5 X-SECTIONS STA. 113+26-125+00
150M5	MOD 5 X-SECTIONS STA. 126+00-131+34
~~16~~	~~EAST REACH~~
16M1	EAST REACH
~~17~~	~~EAST REACH PROFILE - STA. 0+00-26+57~~
17M1	EAST REACH PROFILES-STA. 6+54-26+57
~~18~~	~~EAST REACH - SECTION SET~~
18M1	EAST REACH-SECTION SET
19	SOIL BORING PROFILES
~~20~~	~~TYPICALS SECTIONS~~
20M5	TYPICAL SECTIONS
21	SETTLEMENT PLATE & WARNING SIGNS

"AS-BUILT"

LOCATION IN LOUISIANA
(JEFFERSON PARISH)

"AS-BUILT PLANS"

SUBMITTED BY: DALE J. GARBER — 10/29/03
GOVERNMENT REPRESENTATIVE — DATE

APPROVED BY: BRADELY A. STICKER — 12/01/03
ASSISTANT STATE CONSERVATION ENGINEER — DATE

E.J. GIERING III — 12/01/03
STATE CONSERVATION ENGINEER — DATE

CONTRACT NO. 50-7217-03-4 DATE 01/28/03
CONTRACTOR KESSER INTL.
INSPECTOR MELVIN RODRIGUE
DATE OF COMPLETION 07/07/2003

	Date
Approved by E.J. GIERING III	06/02
Title STATE CONSERVATION ENGINEER ALEXANDRIA, LA.	
Title	

		Date
Designed	C. LAFLEUR	02/01
Drawn	D.J. WILMORE	02/01
Traced		
Checked	J. CHUA	05/01

COVER SHEET
J. DAVIS WETLAND RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

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

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILE NAME
LA326001
PROJECT NO.
LA-326
SHEET NO 1 OF 21

...\AS-BUILT\LA326001.dgn 12/17/2003 8:07:21 AM

GENERAL NOTES:

1. The Natural Resources Conservation Service Does Not Guarantee The Completeness And/Or 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 Cenerline 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.

LEGEND

- Pipeline
- Township And Range
- Property Line
- Existing Rock Armored Plug
- Rock Riprap Shoreline Protection
- Benchmark - Lafitte2
  N427060.68 E3669372.14 Nad83ft
  Elev.=1.85 Navd88ft

"AS-BUILT"

NOTICE:

48 HOURS BEFORE DIGGING
OR PLACING ROCK
CALL 1-800-272-3020

SCALE IN FEET
2000 0 2000 4000 6000 8000
1/8 3/4 5/8 1/2 3/8 1/4 1/8 0 1
SCALE IN MILES

(Approximate Scale In Feet
East Reach was moved to obtain
a near fit on the aerial photo.)

Designed	C. LAFLEUR	02/01	Date
Drawn	D.J. WILMORE	02/01	
Traced			
Checked	J. CHUA	05/01	

Approved by E.J. GIERING III 06/02 Date
Title STATE CONSERVATION ENGINEER ALEXANDRIA, LA.
Title

SITE MAP
J. DAVIS WETLAND RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

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

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILENAME
LA32602.DGN

PROJECT NO.
LA326

SHEET NO 2 OF 21

...\AS-BUILT\LA326002.dgn 12/17/2003 8:08:44 AM

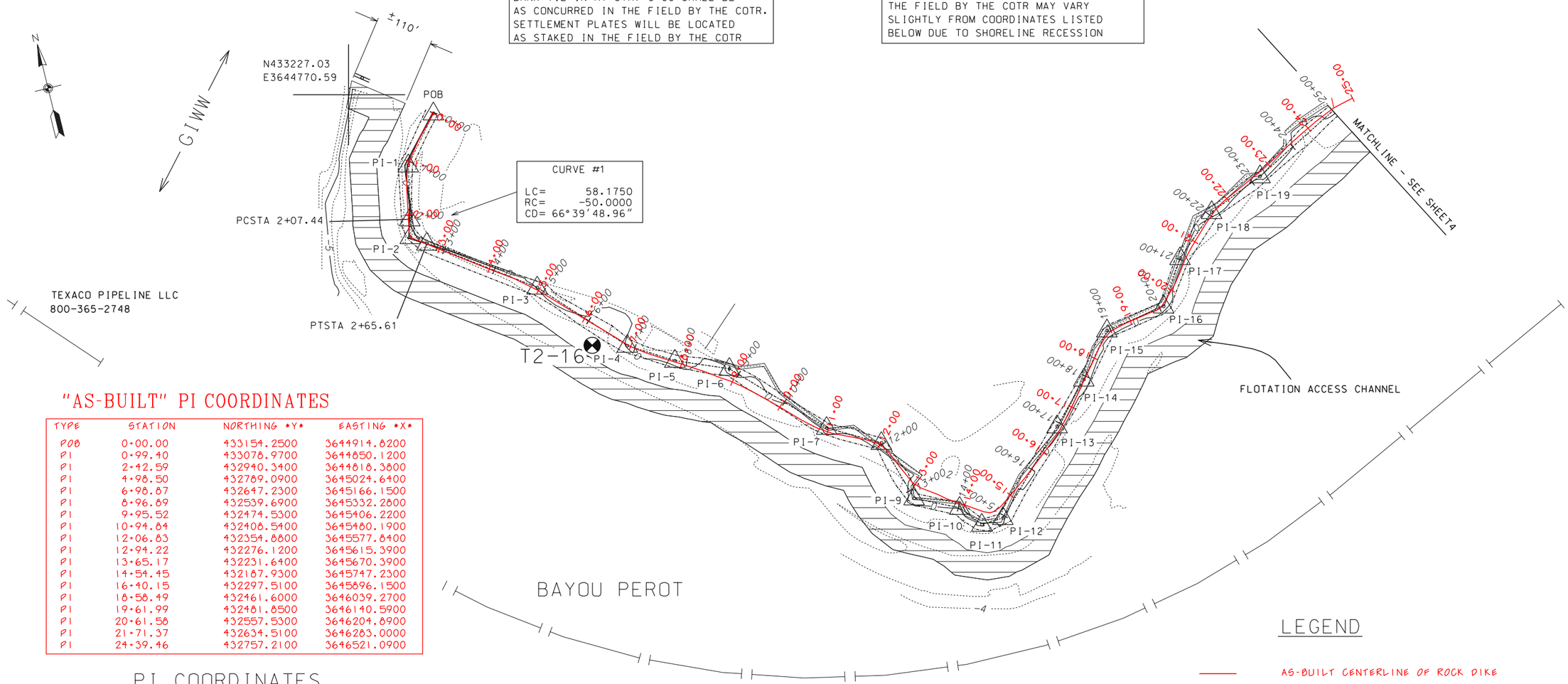
100 0 100 200 300 400

SCALE IN FEET

CONTOUR INTERVALS - 1 FOOT

NOTE:
BANK TIE-IN AT STA. 0+00 SHALL BE AS CONCURRED IN THE FIELD BY THE COTR. SETTLEMENT PLATES WILL BE LOCATED AS STAKED IN THE FIELD BY THE COTR

NOTE:
PI COORDINATE LOCATIONS STAKED IN THE FIELD BY THE COTR MAY VARY SLIGHTLY FROM COORDINATES LISTED BELOW DUE TO SHORELINE RECESSION



"AS-BUILT" PI COORDINATES

TYPE	STATION	NORTHING *Y*	EASTING *X*
POB	0+00.00	433154.2500	3644914.8200
PI	0+99.40	433078.9700	3644850.1200
PI	2+42.59	432940.3400	3644818.3800
PI	4+98.50	432789.0900	3645024.6400
PI	6+98.87	432647.2300	3645166.1500
PI	8+96.89	432539.6900	3645332.2800
PI	9+95.52	432474.5300	3645406.2200
PI	10+94.84	432408.5400	3645480.1900
PI	12+06.83	432354.8600	3645577.8400
PI	12+94.22	432276.1200	3645615.3900
PI	13+65.17	432231.6400	3645670.3900
PI	14+54.45	432187.9300	3645747.2300
PI	16+40.15	432297.5100	3645896.1500
PI	18+58.49	432461.6000	3646039.2700
PI	19+61.99	432481.8500	3646140.5900
PI	20+61.58	432557.5300	3646204.8900
PI	21+71.37	432634.5100	3646283.0000
PI	24+39.46	432757.2100	3646521.0900

PI COORDINATES

Type	Station	Northing (Y)	Easting (X)
POB	0+00.00	433155.1696	3644914.3586
PI1	1+07.16	433072.5937	3644846.0551
PC	2+07.44	432974.5602	3644824.9911
PI2	2+40.32	432942.4104	3644818.0832
PT	2+65.61	432923.3321	3644844.8666
PI3	4+86.21	432795.3454	3645024.5433
PI4	6+85.41	432650.5011	3645161.2948
PI5	7+78.10	432602.3776	3645240.5076
PI6	8+80.32	432563.6776	3645335.1186
PI7	10+91.71	432414.1281	3645484.5266
PI8	11+97.04	432362.7636	3645576.4816
PI9	13+16.52	432248.3998	3645611.0664
PI10	14+02.95	432211.0736	3645689.0276
PI11	14+54.24	432171.2136	3645721.3046
PI12	14+95.49	432173.7555	3645762.4694
PI13	16+93.15	432314.9916	3645900.7506
PI14	17+93.23	432387.5196	3645969.7116
PI15	18+93.94	432465.7876	3646033.1006
PI16	20+08.37	432483.8827	3646146.0838
PI17	21+03.00	432563.6766	3646196.9676
PI18	22+06.73	432632.7846	3646274.3126
PI19	23+18.50	432675.9776	3646377.4076

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

WEST REACH
STA. 0+00 - 25+00

LEGEND

- AS-BUILT CENTERLINE OF ROCK DIKE
- ℄ OF ROCK DIKE
- TOE OF ROCK DIKE
- PI'S ON ℄ OF DIKE
- WARNING SIGNS
- T2-16 - SOIL BORING NUMBER & LOCATION
- FLOTATION ACCESS CHANNEL

NOTE:
SEE SHEET 19 OF 21 FOR SOIL BORING LOCATION COORDINATES AND LOGS
SEE SHEET 20 OF 21 FOR TYPICAL SECTION DETAILS
SEE SHEET 21 OF 21 FOR SETTLEMENT PLATE AND WARNING SIGN DETAILS
REFER TO PROFILES AND CROSS-SECTIONS ON SHEETS 8-15 OF 21 FOR ADDITIONAL INFORMATION

"AS-BUILT"

		Date
Designed	C. LAFLEUR	02/01
Drawn	D.J. WILMORE	02/01
Traced		
Checked	J. CHUA	05/01

Approved by E.J. GIERING III 06/02
Title STATE CONSERVATION ENGINEER ALEXANDRIA, LA.
Title

WEST REACH - STA. 0+00-25+00
J. DAVIS WETLANDS RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

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

NO.	DATE	APPR.	TITLE
REVISIONS			

CAD FILENAME LA32603.DGN
PROJECT NO. LA326
SHEET NO 3 OF 21

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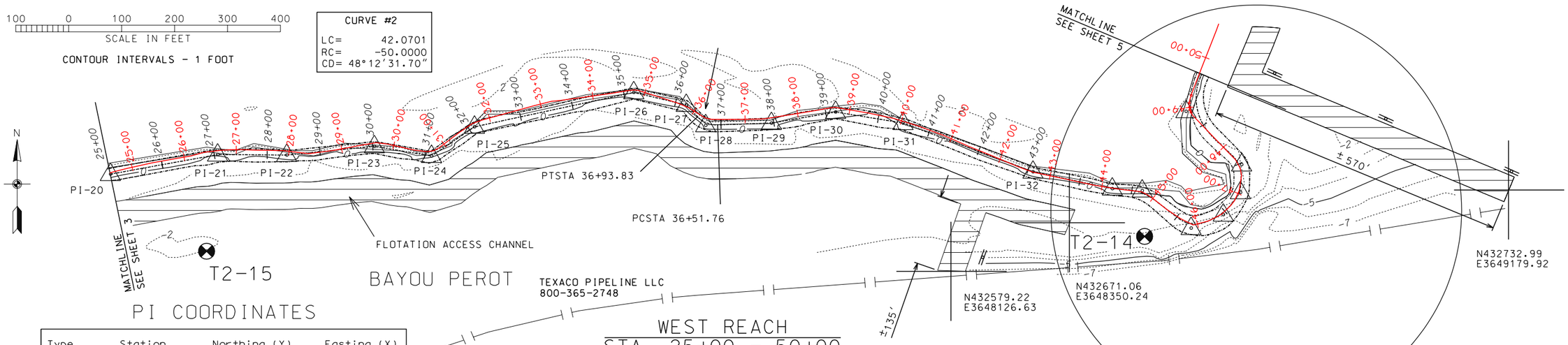


WEST REACH
STA. 25+00 - 50+00

PI COORDINATES

Type	Station	Northing (Y)	Easting (X)
PI-20	25+00.79	432762.0156	3646538.1166
PI-21	27+06.61	432798.9007	3646740.5970
PI-22	28+37.14	432798.0121	3646871.1323
PI-23	30+03.55	432814.5366	3647036.7196
PI-24	31+13.01	432796.2356	3647144.6345
PI-25	32+11.13	432851.4216	3647225.7606
PI-26	35+19.02	432916.5246	3647526.6886
PI-27	36+20.96	432892.6286	3647625.7916
PC	36+51.76	432870.3779	3647647.0847
PI-28	36+74.13	432854.2156	3647662.5516
PT	36+93.83	432854.9764	3647684.9094
PI-29	37+95.63	432858.4390	3647786.6538
PI-30	39+18.74	432879.3696	3647907.9736
PI-31	40+47.77	432858.4389	3648035.2919
PI-32	43+09.96	432766.4652	3648280.8229
PI-33	44+63.10	432734.5146	3648430.5919
PC	44+89.37	432732.8139	3648456.8055
PI-34	45+19.72	432730.8490	3648487.0915
PT	45+48.30	432712.3827	3648511.1767
PC	46+05.39	432677.6495	3648556.4783
PI-35	46+34.31	432660.0484	3648579.4351
PT	46+57.84	432671.1772	3648606.1365
PC	46+68.17	432675.1536	3648615.6770
PI-36	46+94.84	432685.4138	3648640.2945
PT	47+20.30	432706.5705	3648656.5331
PC	47+31.08	432715.1258	3648663.0996
PI-37	47+46.85	432727.6309	3648672.6978
PT	47+61.63	432743.3798	3648673.3881
PC	47+75.68	432757.4202	3648674.0035
PI-38	47+98.32	432780.0418	3648674.9949
PT	48+18.20	432795.7089	3648658.6468
PC	48+72.41	432833.2163	3648619.5088
PI-39	49+41.19	432880.8056	3648569.8506
PT	49+92.91	432944.2011	3648596.5277

"AS-BUILT" PI COORDINATES

TYPE	STATION	NORTHING •Y•	EASTING •X•
PI	24+61.03	432765.5700	3646540.9800
PI	25+39.40	432783.4300	3646617.2800
PI	26+12.98	432796.1800	3646689.7500
PI	26+39.03	432803.2400	3646714.8200
PI	27+88.18	432806.3800	3646863.7200
PI	28+37.24	432800.5500	3646912.4200
PI	29+66044	432821.3400	3647039.9000
PI	30+77.05	432806.1900	3647148.8000
PI	31+66.05	432857.5000	3647221.4000
PI	33+21.69	432899.5400	3647371.2000
PI	34+79.53	432921.1000	3647527.5300
PI	35+86.52	432887.8300	3647629.2200
PI	36+36.62	432865.4500	3647673.2800
PI	37+35.64	432866.2500	3647772.2800
PI	32+85.15	432885.8900	3647919.7900
PI	39+84.56	432867.3100	3648017.4300
PI	42+66.72	432765.5800	3648280.4100
PI	44+84.40	432724.5900	3648493.7600
PI	45+91.76	432665.7600	3648583.1800
PI	49+49.34	432686.1300	3648636.6600
PI	47+05.58	432730.4500	3648669.9600
PI	47+49.09	432773.3500	3648671.9000
PI	47+84.29	432801.4300	3648651.1700
PI	49+00.71	432888.4900	3648575.8900
PI	49+23.51	432910.7900	3648579.0500

NOTE:
SETTLEMENT PLATES WILL BE LOCATED AS STAKED IN THE FIELD BY THE COTR

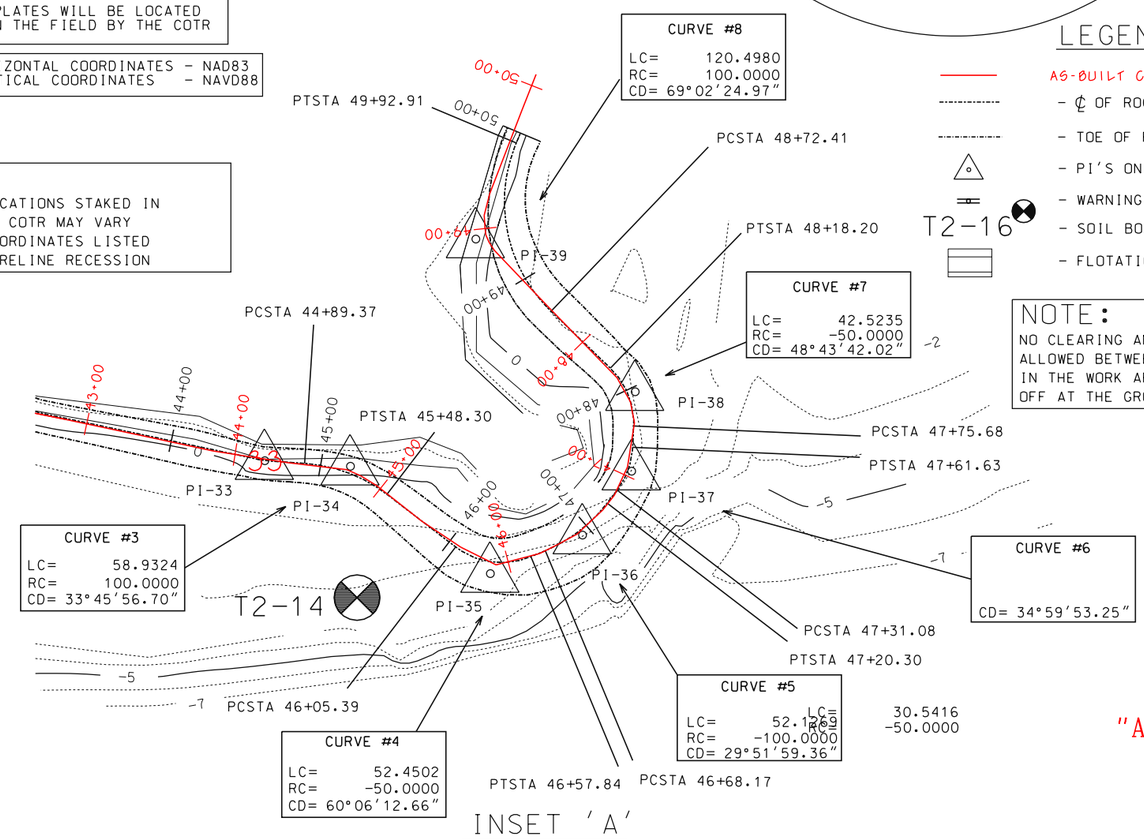
DATUM: ALL HORIZONTAL COORDINATES - NAD83
ALL VERTICAL COORDINATES - NAVD88

NOTE:
PI COORDINATE LOCATIONS STAKED IN THE FIELD BY THE COTR MAY VARY SLIGHTLY FROM COORDINATES LISTED BELOW DUE TO SHORELINE RECESSION

LEGEND

- AS-BUILT CENTERLINE OF ROCK DIKE
- ℄ OF ROCK DIKE
- TOE OF ROCK DIKE
- PI'S ON ℄ OF DIKE
- WARNING SIGNS
- SOIL BORING NUMBER & LOCATION
- FLOTATION ACCESS CHANNEL

NOTE:
NO CLEARING AND GRUBBING OR EXCAVATION ALLOWED BETWEEN STA.44+00 AND STA.50+00 IN THE WORK AREA. VEGETATION WILL BE CUT OFF AT THE GROUND LEVEL



INSET 'A'

"AS-BUILT"

NOTE:
SEE SHEET 19 OF 21 FOR SOIL BORING LOCATION COORDINATES AND LOGS
SEE SHEET 20 OF 21 FOR TYPICAL SECTION DETAILS
SEE SHEET 21 OF 21 FOR SETTLEMENT PLATE AND WARNING SIGN DETAILS
REFER TO PROFILES AND CROSS-SECTIONS ON SHEETS 8-15 OF 21 FOR ADDITIONAL INFORMATION

		Date
Approved by	E.J. GIERING III	06/02
Title	STATE CONSERVATION ENGINEER ALEXANDRIA, LA.	
Title		

		Date
Designed	C. LAFLEUR	02/01
Drawn	D.J. WILMORE	02/01
Traced		
Checked	J. CHUA	05/01

WEST REACH - STA.25+00-50+00
J. DAVIS WETLANDS RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

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

REVISIONS: NO. | DATE | APPR. | TITLE

CAD FILENAME LA32604.DGN
PROJECT NO. LA326
SHEET NO 4 OF 21

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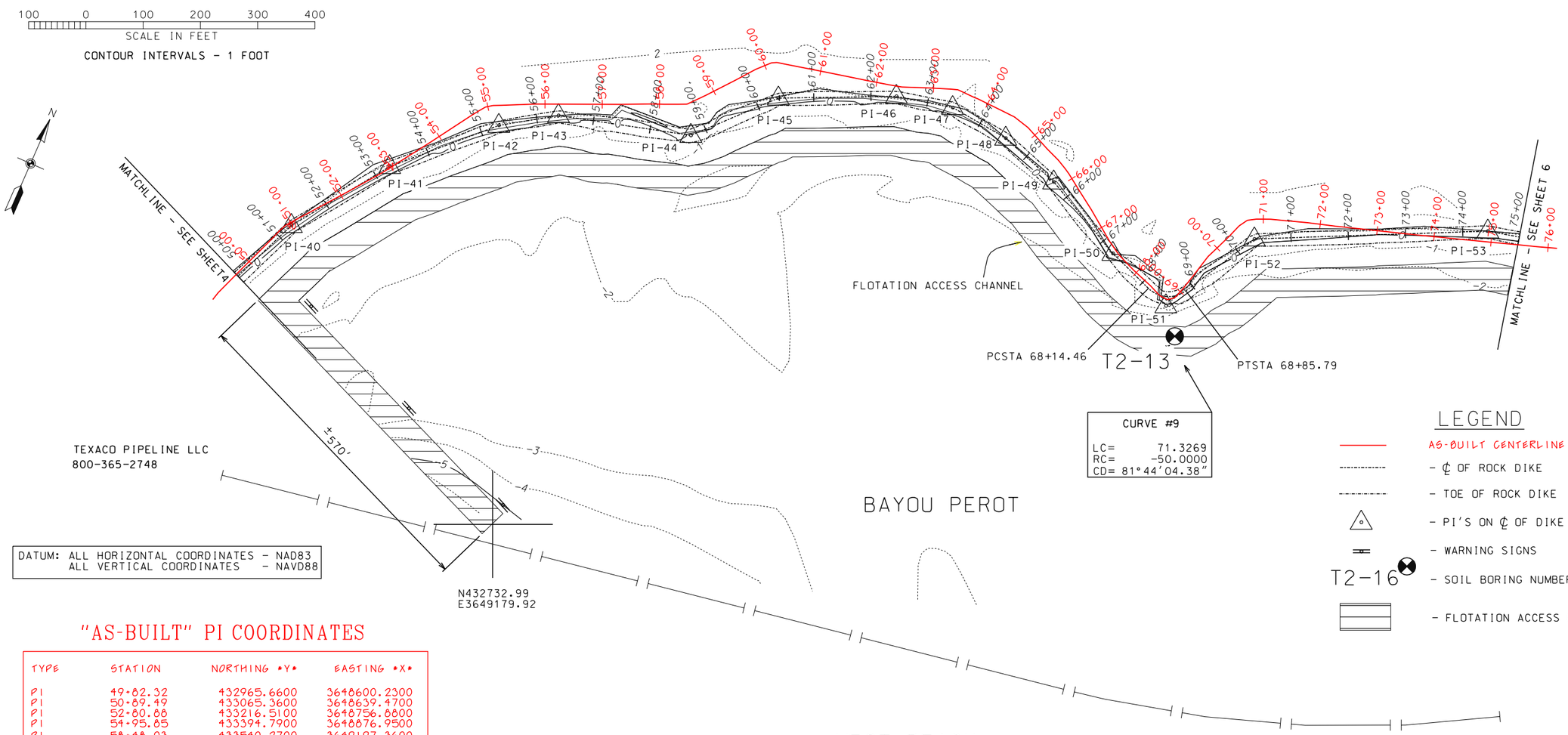


DATUM: ALL HORIZONTAL COORDINATES - NAD83
ALL VERTICAL COORDINATES - NAVD88

LEGEND

- AS-BUILT CENTERLINE OF ROCK DIKE
- ℄ OF ROCK DIKE
- TOE OF ROCK DIKE
- PI'S ON ℄ OF DIKE
- WARNING SIGNS
- T2-16 SOIL BORING NUMBER & LOCATION
- FLOTATION ACCESS CHANNEL

"AS-BUILT" PI COORDINATES

TYPE	STATION	NORTHING *Y*	EASTING *X*
PI	49+82.32	432965.6600	3648600.2300
PI	50+89.49	433065.3600	3648639.4700
PI	52+80.88	433216.5100	3648756.8600
PI	54+95.85	433394.7900	3648876.9500
PI	58+48.03	433540.2700	3649197.3600
PI	60+22.05	433670.0900	3649312.1400
PI	62+44.18	433718.0200	3649529.0300
PI	63+42.65	433752.9900	3649621.0600
PI	64+52.20	433748.9900	3649730.5000
PI	65+90.68	433695.8100	3649875.7900
PI	67+27.94	433616.4400	3649969.7500
PI	68+77.35	433566.5500	3650106.8400
PI	69+78.19	433660.8100	3650137.8600
PI	70+72.18	433746.6100	3650175.6100
PI	73+77.95	433844.0700	3650464.8900
PI	75+04.19	433883.1700	3650584.9300

PI COORDINATES

Type	Station	Northing (Y)	Easting (X)
PI-40	51+28.96	433069.6016	3648649.2966
PI-41	53+29.08	433232.7196	3648765.2346
PI-42	55+32.96	433375.1926	3648911.0796
PI-43	56+38.55	433432.8236	3648999.5436
PI-44	58+72.31	433493.7997	3649225.2077
PI-45	60+38.59	433614.9146	3649339.1376
PI-46	62+44.59	433700.4046	3649526.5596
PI-47	63+44.83	433721.9246	3649624.4676
PI-48	64+51.86	433710.1506	3649730.8436
PI-49	65+65.38	433673.7457	3649838.3689
PI-50	67+27.43	433600.8788	3649983.1122
PC	68+14.46	433569.7158	3650064.3746
PI-51	68+57.72	433554.2256	3650104.7676
PT	68+85.79	433591.9722	3650125.9039
PI-52	70+36.16	433723.1766	3650199.3716
PI-53	74+44.26	433899.5596	3650567.3916

NOTE:
SETTLEMENT PLATES WILL BE LOCATED AS STAKED IN THE FIELD BY THE COTR

NOTE:
PI COORDINATE LOCATIONS STAKED IN THE FIELD BY THE COTR MAY VARY SLIGHTLY FROM COORDINATES LISTED BELOW DUE TO SHORELINE RECESSION

NOTE:
SEE SHEET 19 OF 21 FOR SOIL BORING LOCATION COORDINATES AND LOGS
SEE SHEET 20 OF 21 FOR TYPICAL SECTION DETAILS
SEE SHEET 21 OF 21 FOR SETTLEMENT PLATE AND WARNING SIGN DETAILS
REFER TO PROFILES AND CROSS-SECTIONS ON SHEETS 8-15 OF 21 FOR ADDITIONAL INFORMATION

"AS-BUILT"

		Date
Approved by	E.J. GIERING III	06/02
Title	STATE CONSERVATION ENGINEER ALEXANDRIA, LA.	
Title		

		Date
Designed	C. LAFLEUR	02/01
Drawn	D.J. WILMORE	02/01
Traced		
Checked	J. CHUA	05/01

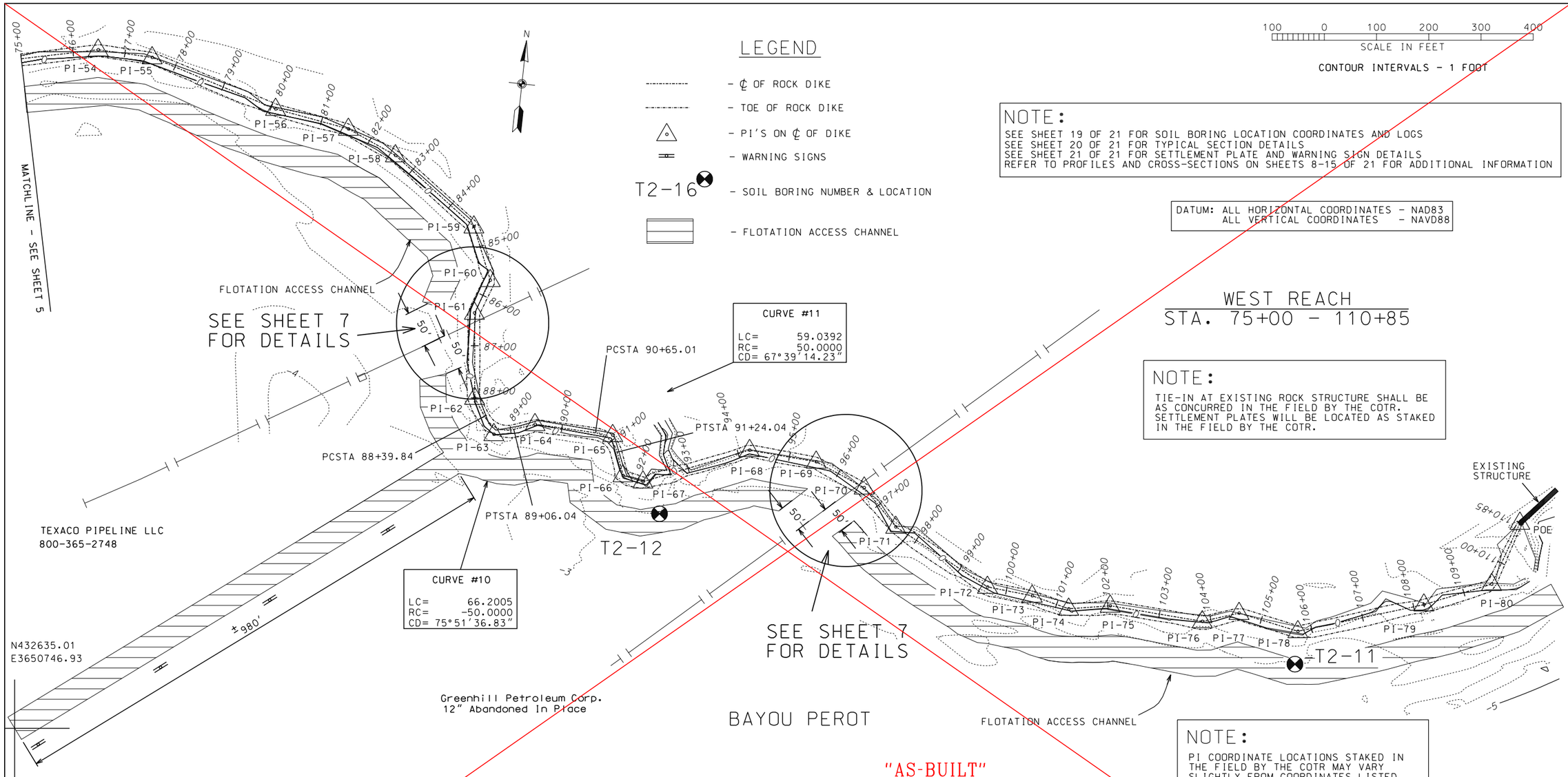
WEST REACH - STA. 50+00-75+00
J. DAVIS WETLANDS RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

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

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILENAME
LA32605.DGN
PROJECT NO.
LA326
SHEET NO 5 OF 21

...\AS-BUILT\LA326005.dgn 12/17/2003 8:13:33 AM



NOTE:
SEE SHEET 19 OF 21 FOR SOIL BORING LOCATION COORDINATES AND LOGS
SEE SHEET 20 OF 21 FOR TYPICAL SECTION DETAILS
SEE SHEET 21 OF 21 FOR SETTLEMENT PLATE AND WARNING SIGN DETAILS
REFER TO PROFILES AND CROSS-SECTIONS ON SHEETS 8-15 OF 21 FOR ADDITIONAL INFORMATION

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

WEST REACH
STA. 75+00 - 110+85

NOTE:
TIE-IN AT EXISTING ROCK STRUCTURE SHALL BE AS CONCURRED IN THE FIELD BY THE COTR. SETTLEMENT PLATES WILL BE LOCATED AS STAKED IN THE FIELD BY THE COTR.

NOTE:
PI COORDINATE LOCATIONS STAKED IN THE FIELD BY THE COTR MAY VARY SLIGHTLY FROM COORDINATES LISTED BELOW DUE TO SHORELINE RECESSION

"AS-BUILT"

PI COORDINATES

Type	Station	Northing (Y)	Easting (X)	Type	Station	Northing (Y)	Easting (X)
PI-54	76+48.66	433944.8216	3650766.7166	PI-66	91+70.05	433241.6466	3651853.4326
PI-55	77+53.06	433941.2416	3650871.0486	PI-67	92+10.15	433233.9741	3651892.7928
PI-56	80+09.28	433868.4226	3651116.7066	PI-68	94+23.10	433315.8056	3652089.3977
PI-57	81+53.82	433845.4216	3651259.4076	PI-69	95+52.53	433307.3996	3652218.5456
PI-58	82+57.30	433804.4976	3651354.4476	PI-70	96+56.93	433267.9436	3652315.2026
PI-59	84+60.18	433685.0656	3651518.4546	PI-71	97+53.40	433199.6644	3652383.3623
PI-60	85+67.58	433586.2826	3651560.6046	PI-72	99+63.43	433104.0937	3652570.3902
PI-61	86+37.09	433520.8126	3651537.2736	PI-73	100+50.72	433096.4176	3652657.3416
PI-62	88+00.05	433358.8287	3651555.0654	PI-74	101+24.85	433079.1359	3652729.4298
PC	88+39.84	433325.8409	3651577.3160	PI-75	102+04.64	433093.4399	3652807.9212
PI-63	88+78.80	433293.5366	3651599.1056	PI-76	103+83.52	433082.6341	3652986.4717
PT	89+06.04	433306.7744	3651635.7542	PI-77	104+55.67	433105.9814	3653054.7440
PI-64	89+48.18	433321.0916	3651675.3906	PI-78	105+73.63	433083.3611	3653170.5111
PC	90+65.01	433317.2442	3651792.1534	PI-79	108+20.36	433160.1193	3653405.0011
PI-65	90+98.51	433316.1407	3651825.6414	PI-80	109+55.80	433213.0875	3653529.6563
PT	91+24.04	433284.7480	3651837.3530	POE	110+85.04	433335.5417	3653570.9699

REPLACED BY SHEETS 6AM5 & 6M4
SEE MODIFICATIONS 4 & 5

Approved by E.J. GIERING III Date 06/02
Title STATE CONSERVATION ENGINEER ALEXANDRIA, LA.
Title Date

Designed C. LAFLEUR 02/01
Drawn D.J. WILMORE 02/01
Traced
Checked J. CHUA 05/01

WEST REACH - STA. 75+00-110+85
J. DAVIS WETLANDS RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

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

REVISIONS
NO. DATE APPR. TITLE

CAD FILENAME LA32606.DGN
PROJECT NO. LA326
SHEET NO 6 OF 21

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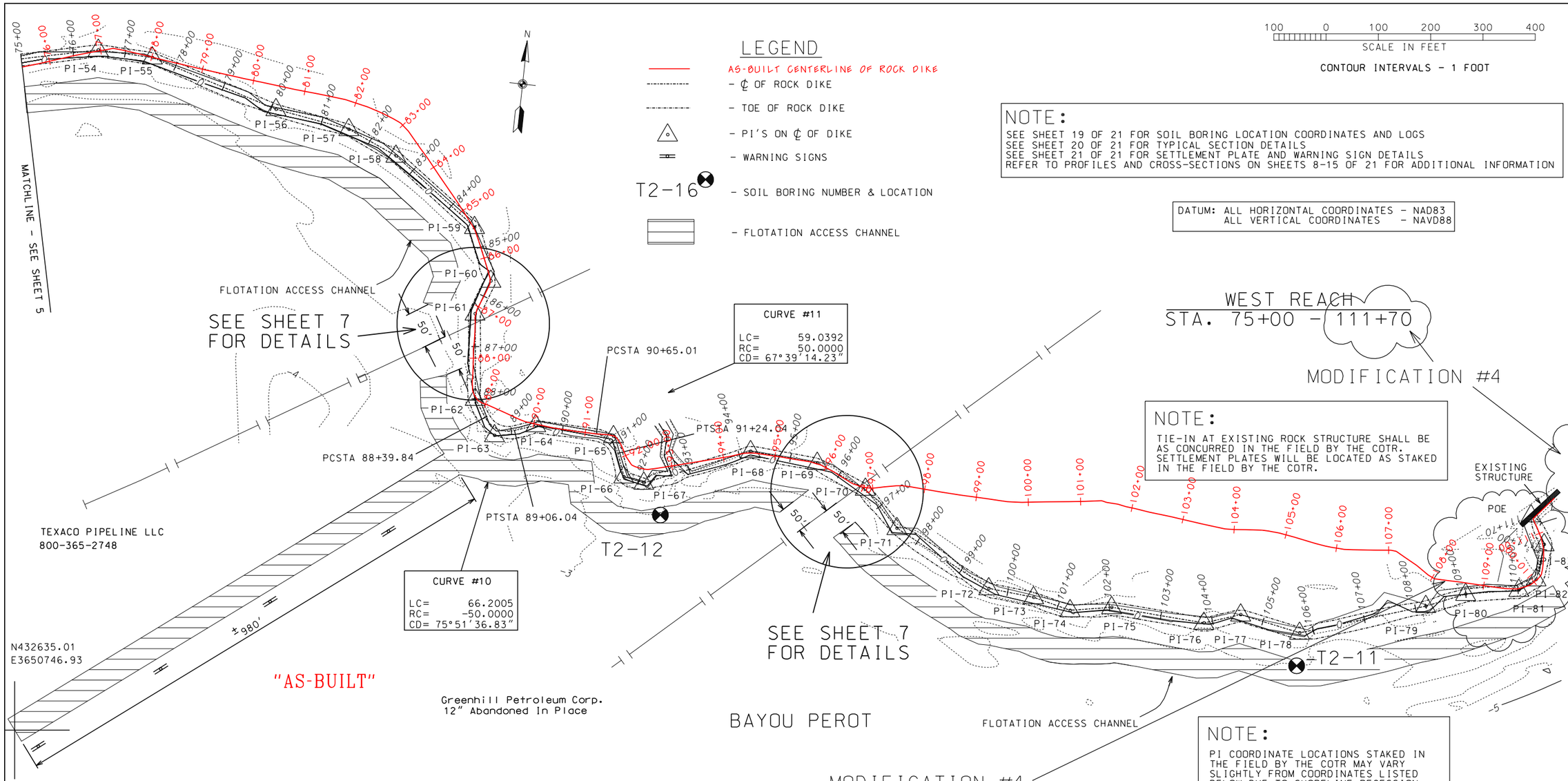

NOTE:
SEE SHEET 19 OF 21 FOR SOIL BORING LOCATION COORDINATES AND LOGS
SEE SHEET 20 OF 21 FOR TYPICAL SECTION DETAILS
SEE SHEET 21 OF 21 FOR SETTLEMENT PLATE AND WARNING SIGN DETAILS
REFER TO PROFILES AND CROSS-SECTIONS ON SHEETS 8-15 OF 21 FOR ADDITIONAL INFORMATION

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

NOTE:
TIE-IN AT EXISTING ROCK STRUCTURE SHALL BE AS CONCURRED IN THE FIELD BY THE COTR. SETTLEMENT PLATES WILL BE LOCATED AS STAKED IN THE FIELD BY THE COTR.

NOTE:
PI COORDINATE LOCATIONS STAKED IN THE FIELD BY THE COTR MAY VARY SLIGHTLY FROM COORDINATES LISTED BELOW DUE TO SHORELINE RECESSION

PI COORDINATES

Type	Station	Northing (Y)	Easting (X)	Type	Station	Northing (Y)	Easting (X)
PI-54	76+48.66	433944.8216	3650766.7166	PI-68	94+23.10	433315.8056	3652089.3977
PI-55	77+53.06	433941.2416	3650871.0486	PI-69	95+52.53	433307.3996	3652218.5456
PI-56	80+09.28	433868.4226	3651116.7066	PI-70	96+56.93	433267.9436	3652315.2026
PI-57	81+53.82	433845.4216	3651259.4076	PI-71	97+53.40	433199.6644	3652383.3623
PI-58	82+57.30	433804.4976	3651354.4476	PI-72	99+63.43	433104.0937	3652570.3902
PI-59	84+60.18	433685.0656	3651518.4546	PI-73	100+50.72	433096.4176	3652657.3416
PI-60	85+67.58	433586.2826	3651560.6046	PI-74	101+24.85	433079.1359	3652729.4298
PI-61	86+37.09	433520.8126	3651537.2736	PI-75	102+04.64	433093.4399	3652807.9212
PI-62	88+00.05	433358.8287	3651555.0654	PI-76	103+83.52	433082.6341	3652986.4717
PC	88+39.84	433325.8409	3651577.3160	PI-77	104+55.67	433105.9814	3653054.7440
PI-63	88+78.80	433293.5366	3651599.1056	PI-78	105+73.63	433083.3611	3653170.5111
PT	89+06.04	433306.7744	3651635.7542	PI-79	108+20.36	433160.1193	3653405.0011
PI-64	89+48.18	433321.0916	3651675.3906	PI-80	109+00.00	433191.26	3653478.30
PC	90+65.01	433317.2442	3651792.1534	PI-81	110+02.06	433209.98	3653578.63
PI-65	90+98.51	433316.1407	3651825.6414	PI-82	110+41.11	433233.71	3653609.65
PT	91+24.04	433284.7480	3651837.3530	PI-83	111+09.54	433301.69	3653617.40
PI-66	91+70.05	433241.6466	3651853.4326	POE	111+70.27	433354.03	3653586.59
PI-67	92+10.15	433233.9741	3651892.7928				

"AS-BUILT" PI COORDINATES

TYPE	STATION	NORTHING *Y*	EASTING *X*	TYPE	STATION	NORTHING *Y*	EASTING *X*
PI	77+23.98	433950.6400	3650794.0700	PI	93+59.76	433287.5600	3651999.8700
PI	78+53.57	433935.0300	3650922.6800	PI	94+62.01	433313.0700	3652098.5600
PI	80+47.11	433913.4100	3651115.0000	PI	95+88.96	433304.3700	3652225.0400
PI	81+78.99	433901.0700	3651246.2900	PI	96+86.81	433270.1100	3652315.9200
PI	82+90.68	433869.1800	3651353.0000	PI	97+56.56	433281.4800	3652384.5600
PI	85+43.82	433679.4600	3651519.5500	PI	99+87.80	433274.3600	3652615.5400
PI	86+51.45	433580.0600	3651559.1300	PI	101+40.41	433293.8600	3652766.8900
PI	87+22.69	433512.5500	3651537.5200	PI	103+88.40	433265.7700	3653013.0500
PI	87+81.86	433453.8800	3651540.8000	PI	104+65.34	433270.4500	3653089.7800
PI	88+61.76	433374.3600	3651547.8600	PI	106+08.85	433251.4700	3653231.8600
PI	88+93.92	433352.1300	3651569.4500	PI	107+14.65	433258.0800	3653337.2200
PI	89+83.38	433325.8200	3651654.6500	PI	108+05.26	433213.6200	3653416.0000
PI	90+37.29	433319.6100	3651708.2400	PI	109+64.40	433211.3500	3653575.0200
PI	91+57.02	433316.7700	3651827.8200	PI	110+19.48	433243.3200	3653618.0100
PI	92+34.79	433261.5900	3651878.6100	PI	110+68.52	433292.2100	3653617.0500
				POE	111+30.64	433348.1200	3653590.6600

Date		
06/02	Approved by	E.J. GIERING III
	Title	STATE CONSERVATION ENGINEER ALEXANDRIA, LA.
	Title	

Date		
02/01	Designed	C. LAFLEUR
02/01	Drawn	D.J. WILMORE
	Traced	
05/01	Checked	J. CHUA

WEST REACH - STA. 75+00 - 111+70
J. DAVIS WETLANDS RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

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

REVISIONS			
NO.	DATE	APPR.	TITLE
M4	4/03	B.S.	CIVIL ENG.

CAD FILENAME
LA32606M4.DGN

PROJECT NO.
LA326

SHEET NO 6M4 OF 21

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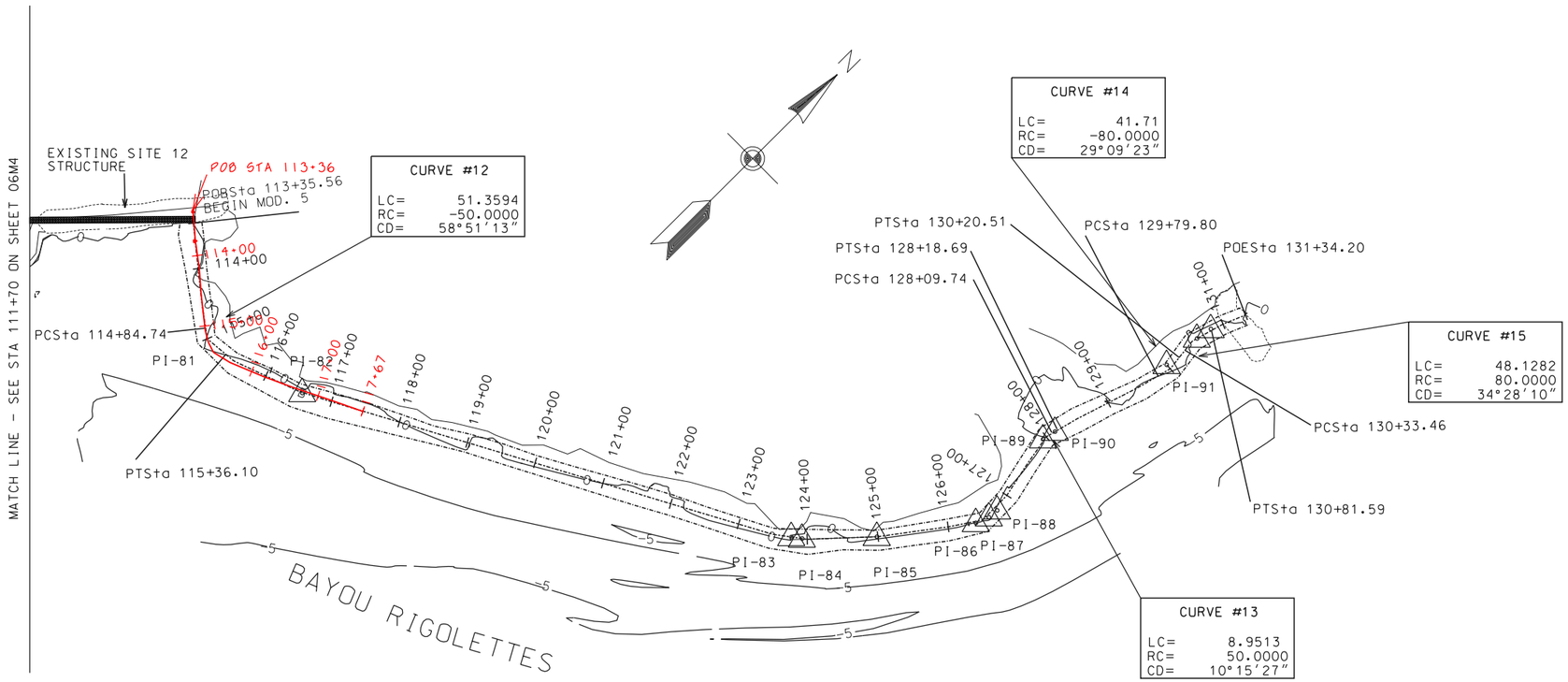

EAST REACH

STA. 113+35 - 131+34

LEGEND

- AS-BUILT CENTERLINE OF ROCK DIKE
- ℄ OF ROCK DIKE
- TOE OF ROCK DIKE
- PI'S ON ℄ OF DIKE

100 0 100 200 300 400

SCALE IN FEET

CONTOUR INTERVALS - 1 FOOT

NOTE:

PI COORDINATE LOCATIONS STAKED IN THE FIELD BY THE COTR MAY VARY SLIGHTLY FROM COORDINATES LISTED BELOW DUE TO SHORELINE RECESSION

PI COORDINATES

Type	Station	Northing (Y)	Easting (X)
POB	113+35.56	433494.3685	3653735.7510
PC	114+84.74	433400.9976	3653852.0968
PI-81	115+12.94	433383.3446	3653874.0935
PT	115+36.10	433393.0398	3653900.5791
PI-82	116+56.97	433434.5903	3654014.0879
PI-83	123+76.62	433777.5288	3654646.7692
PI-84	123+92.86	433789.2713	3654657.9856
PI-85	124+98.56	433866.8194	3654729.8065
PI-86	126+39.66	433979.7212	3654814.4464
PI-87	126+59.71	433998.3758	3654821.7825
PI-88	126+74.91	434013.5200	3654823.0713
PI-89	127+94.44	434130.2851	3654797.5180
PC	128+09.74	434145.4681	3654799.4684
PI-90	128+14.23	434149.9192	3654800.0401
PT	128+18.69	434154.1973	3654801.3953
PC	129+79.80	434307.7768	3654850.0466
PI-91	130+00.60	434327.6114	3654856.3299
PT	130+20.51	434347.9939	3654852.1537
PC	130+33.46	434360.6865	3654849.5531
PI-92	130+58.28	434384.9986	3654844.5717
PT	130+81.59	434407.8615	3654854.2248
POE	131+34.20	434456.3324	3654874.6899

"AS-BUILT" PI COORDINATES

TYPE	STATION	NORTHING *Y*	EASTING *X*
POB	113+36.63	433506.0600	3653722.9100
PI	115+06.10	433399.5500	3653854.6700
PI	115+23.41	433390.8014	3653869.6000
PI	115+66.87	433392.3400	3653911.5900
PI	116+17.25	433411.6300	3653958.1300
POE	117+66.79	433476.7700	3654092.7200

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

NOTE:

SEE SHEET 19 OF 21 FOR SOIL BORING LOCATION COORDINATES AND LOGS
SEE SHEET 20 OF 21 FOR TYPICAL SECTION DETAILS
SEE SHEET 21 OF 21 FOR SETTLEMENT PLATE AND WARNING SIGN DETAILS
REFER TO PROFILES AND CROSS-SECTIONS ON SHEETS 8-15 OF 21 FOR ADDITIONAL INFORMATION

"AS-BUILT"

		Date
Designed	C. LAFLEUR	02/01
Drawn	D.J. W.& P.C.	02/01
Traced		
Checked	J. CHUA	05/01

Approved by E.J. GIERING III 06/02
Title STATE CONSERVATION ENGINEER ALEXANDRIA, LA.
Title

MOD 5 W. REACH-STA. 113+35-131+34
J. DAVIS WETLANDS RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

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

REVISIONS			
NO.	DATE	APPR.	TITLE
M4	4/03	B.S.	CIVIL ENG.
M5	5/03	B.S.	CIVIL ENG.

CAD FILENAME LA326006AM5.DGN

PROJECT NO. LA326

SHEET NO 6AM5 OF 21

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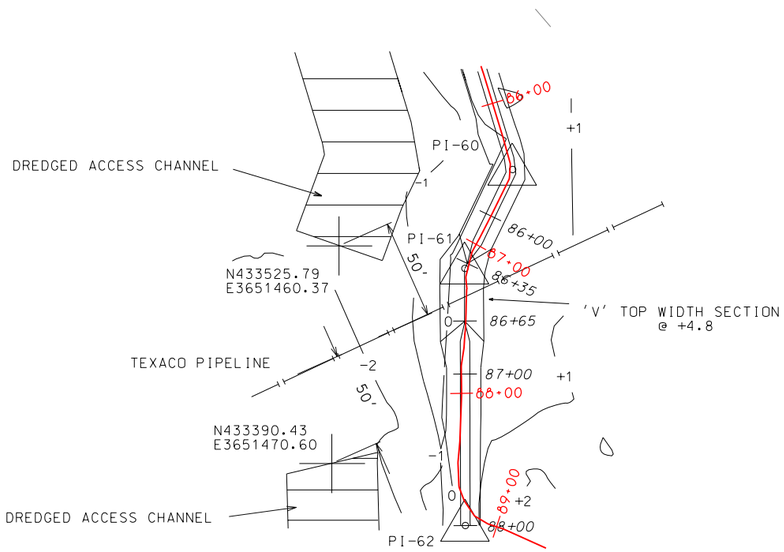
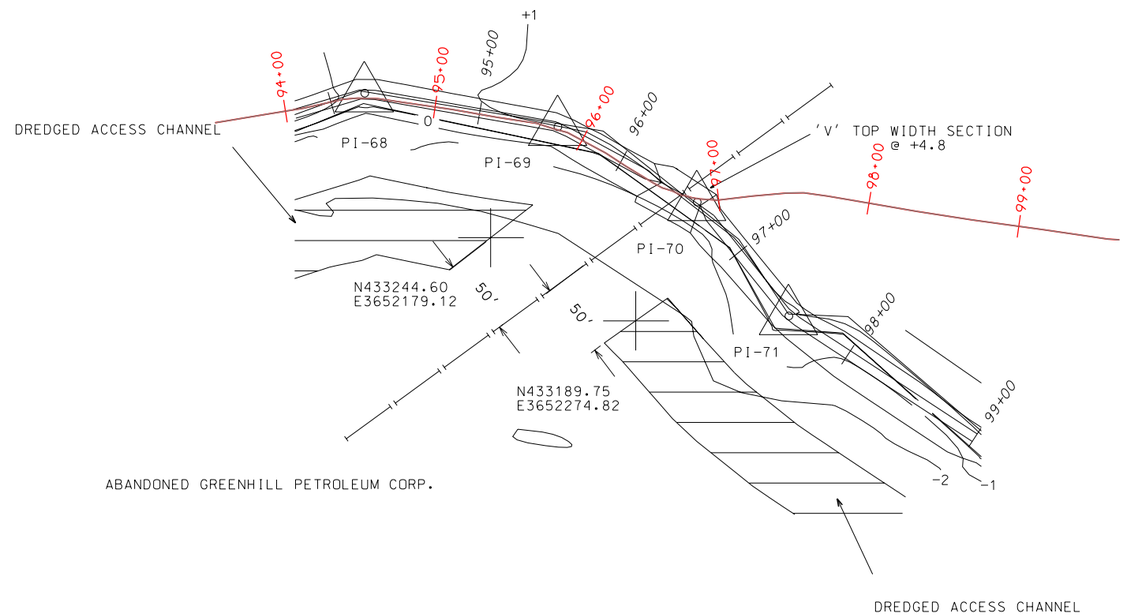


ROCK/RIPRAP FILL OVER PIPELINE
STA. 86+35 - 86+65



DREDGED ACCESS CHANNEL

ROCK/RIPRAP FILL OVER PIPELINE
STA. 96+30 - 96+60

"AS-BUILT"

NOTE:
THE ROCK SHALL BE PLACED, NOT DROPPED, AND EQUIPMENT
WILL NOT BE ALLOWED TO SWING THE CRANE BOOM OVER THE PIPELINES
SEE SHEET 20 OF 21 FOR TYPICAL SECTION

		Date
Approved by	E.J. GIERING III	06/02
Title	STATE CONSERVATION ENGINEER ALEXANDRIA, LA.	
Title		

		Date
Designed	C. LAFLEUR	08/01
Drawn	D.J. WILMORE	08/01
Traced		
Checked	J. CHUA	08/01

PIPELINE - DETAILS
J. DAVIS WETLAND RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

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

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILENAME
LA326007.DGN

PROJECT NO.
LA326

SHEET NO 7 OF 21

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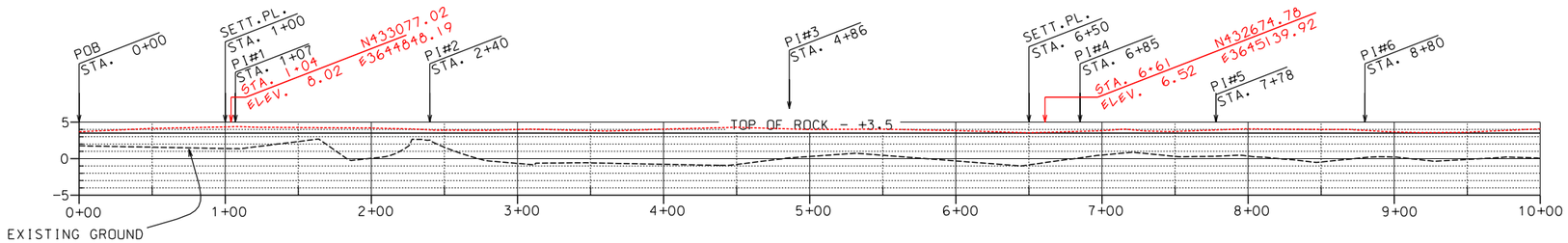
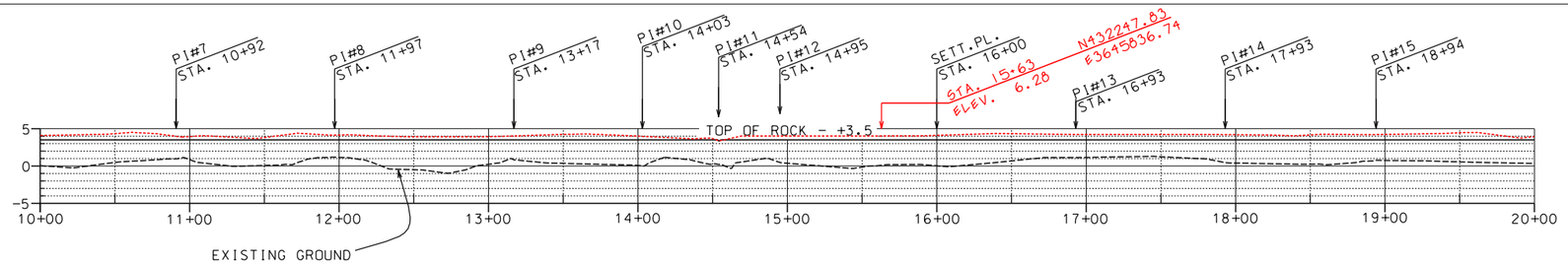
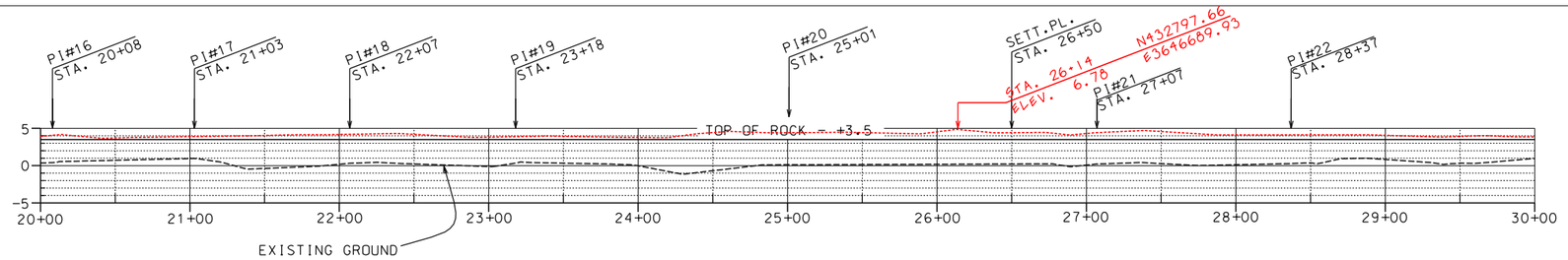


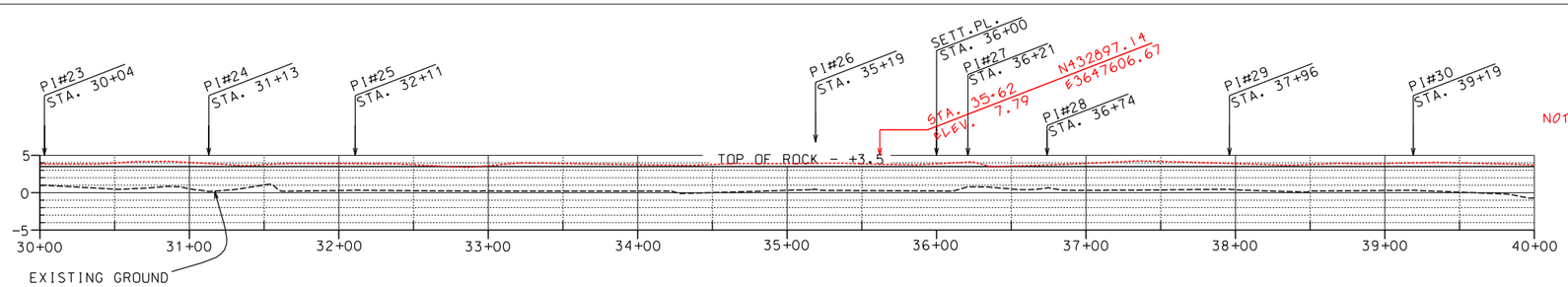
PROFILE - STA. 0+00 - STA. 10+00



PROFILE - STA. 10+00 - STA. 20+00



PROFILE - STA. 20+00 - STA. 30+00



AS-BUILT TOP OF ROCK

NOTE: STATIONS AND ELEVATIONS NOTED IN RED ARE THE AS-BUILT LOCATIONS AND ELEVATIONS OF SETTLEMENT PLATES.

"AS-BUILT"

PROFILE - STA. 30+00 - STA. 40+00

		Date
Designed	C. LAFLEUR	02/01
Drawn	D.J. WILMORE	02/01
Traced		
Checked	J. CHUA	05/01

Approved by E.J. GIERING III 06/02
Title STATE CONSERVATION ENGINEER ALEXANDRIA, LA.
Title

WEST REACH PROFILE - STA. 0+00 - 40+00
J. DAVIS WETLAND RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

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

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILENAME LA326008.DGN
PROJECT NO. LA326
SHEET NO 8 OF 21

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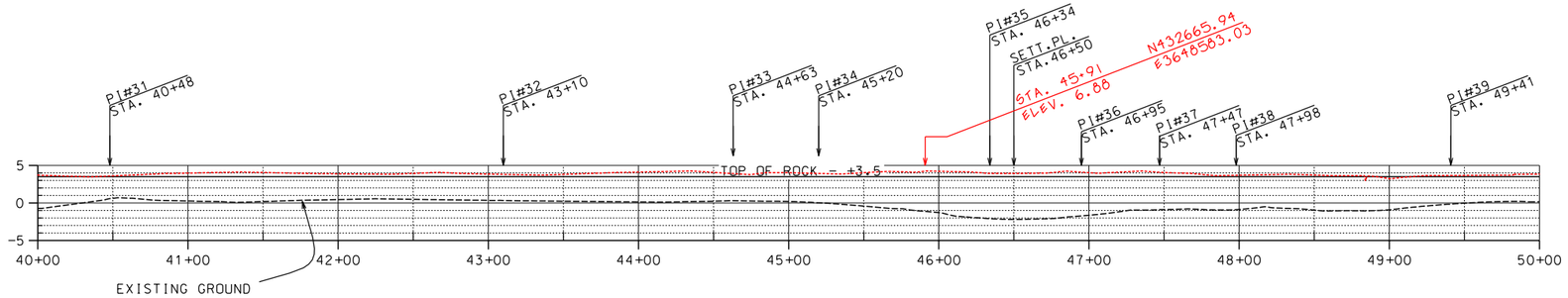
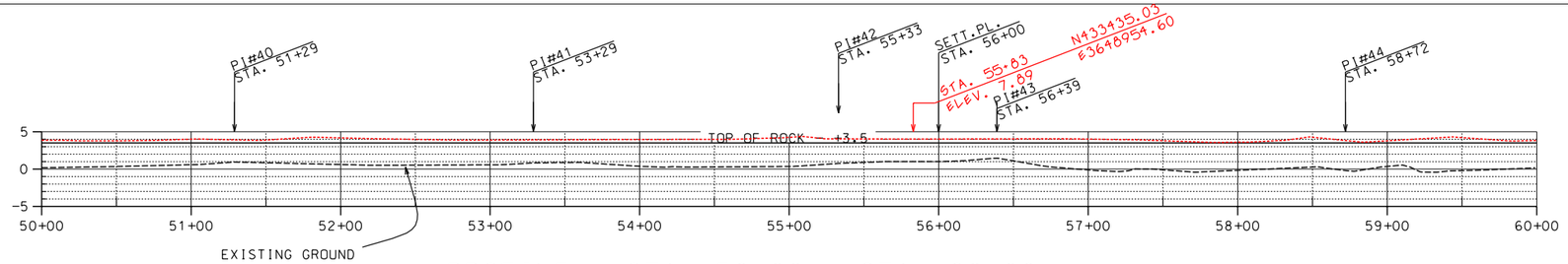
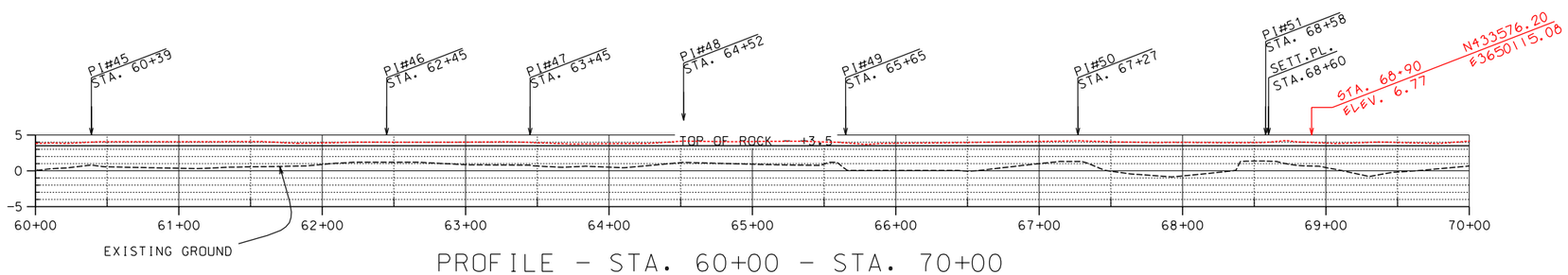


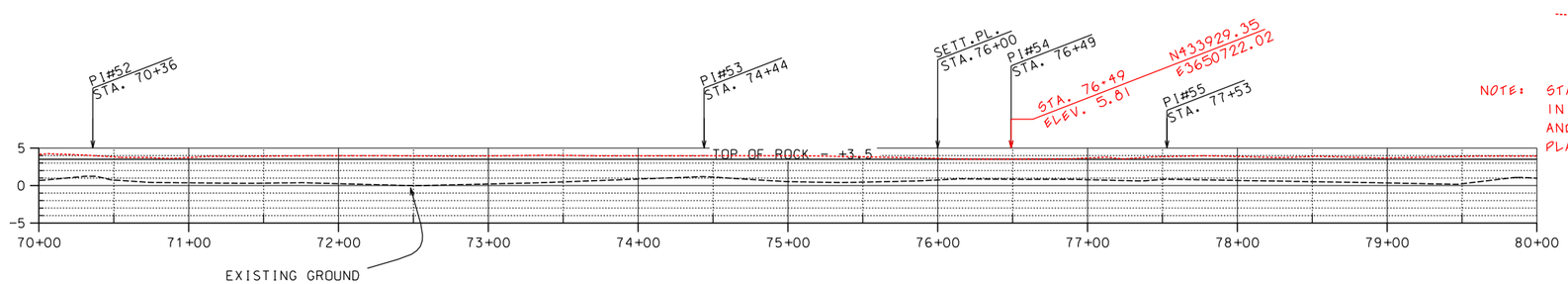
PROFILE - STA. 40+00 - STA. 50+00



PROFILE - STA. 50+00 - STA. 60+00



PROFILE - STA. 60+00 - STA. 70+00



PROFILE - STA. 70+00 - STA. 80+00

..... AS-BUILT TOP OF ROCK

NOTE: STATIONS AND ELEVATIONS NOTED IN RED ARE THE AS-BUILT LOCATIONS AND ELEVATIONS OF SETTLEMENT PLATES.

"AS-BUILT"

		Date
Designed	C. LAFLEUR	02/01
Drawn	D.J. WILMORE	02/01
Traced		
Checked	J. CHUA	05/01

Approved by E.J. GIERING III 06/02
Title STATE CONSERVATION ENGINEER ALEXANDRIA, LA.
Title

WEST REACH PROFILE - STA. 40+00 - 80+00
J. DAVIS WETLAND RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

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

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILENAME LA326009.DGN
PROJECT NO. LA326
SHEET NO 9 OF 21

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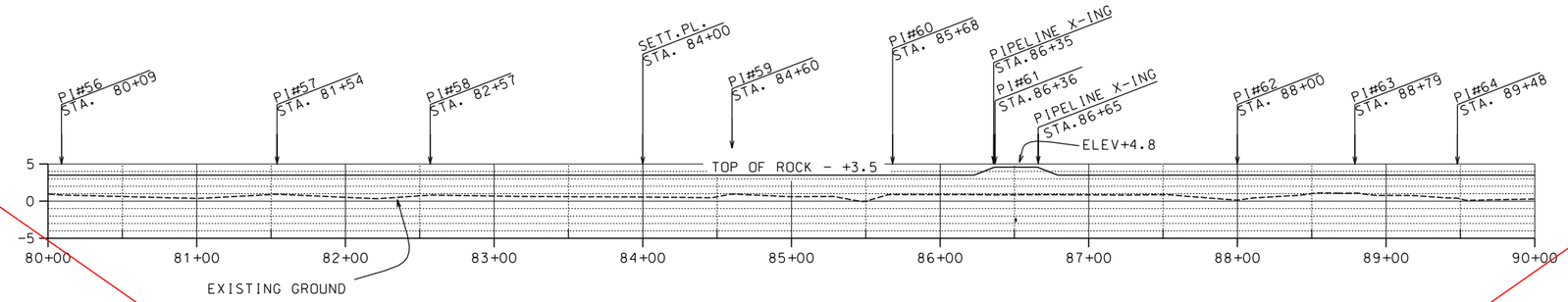
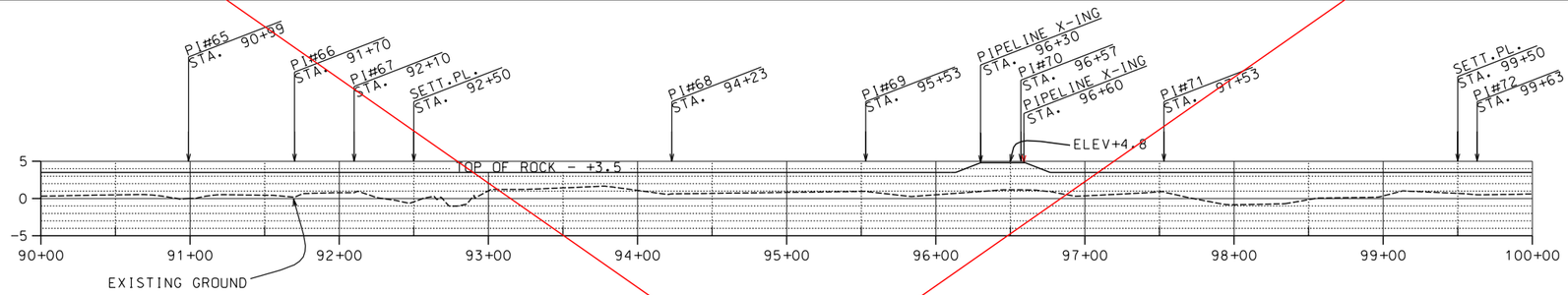
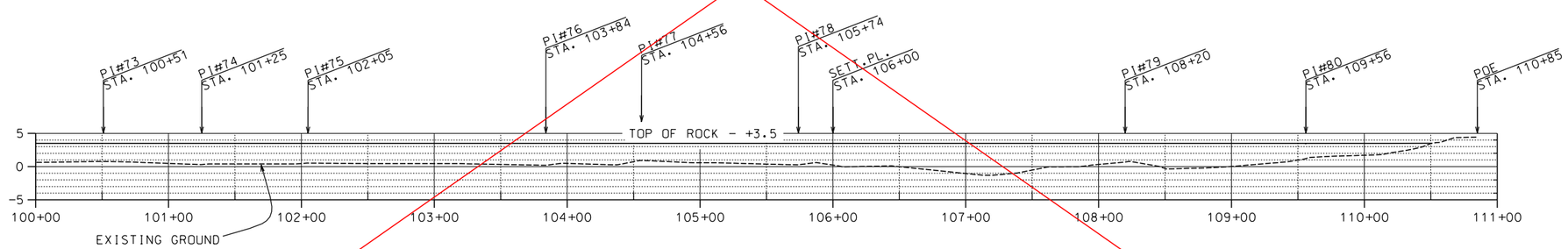


PROFILE - STA. 80+00 - STA. 90+00



PROFILE - STA. 90+00 - STA. 100+00



PROFILE - STA. 100+00 - STA. 110+85

REPLACED BY SHEETS 10AM5 & 10M4
SEE MODIFICATIONS 4 & 5

"AS-BUILT"

NOTE:
SEE DETAILS FOR PIPELINE CROSSING
ON SHEET 20 OF 21

Designed C. LAFLEUR	02/01	Approved by E.J. GIERING III	06/02
Drawn D.J. WILMORE	02/01	Title STATE CONSERVATION ENGINEER ALEXANDRIA, LA.	
Traced			
Checked J. CHUA	05/01	Title	

WEST REACH PROFILE - STA. 80+00 - 110+85
J. DAVIS WETLAND RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

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

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILENAME
LA326010.DGN

PROJECT NO.
LA326

SHEET NO 10 OF 21

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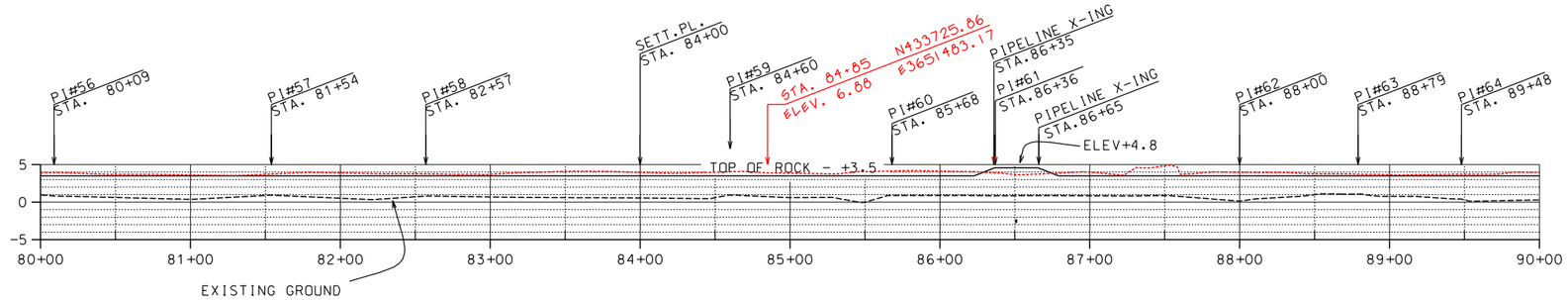

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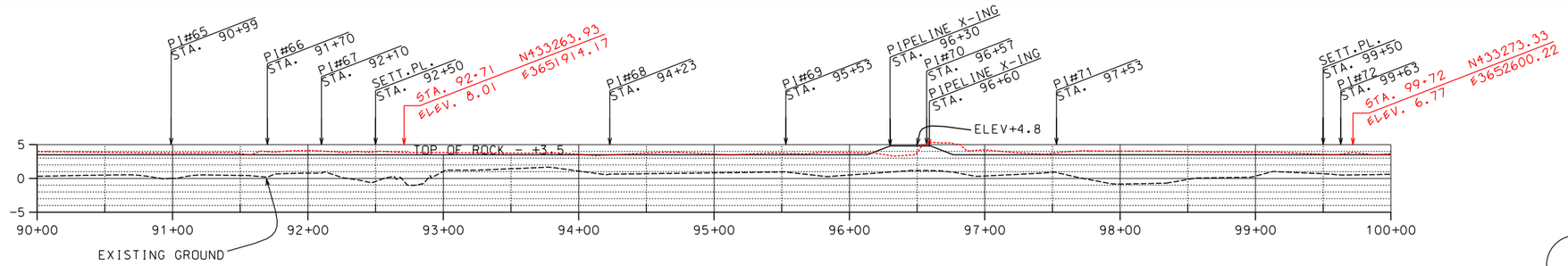
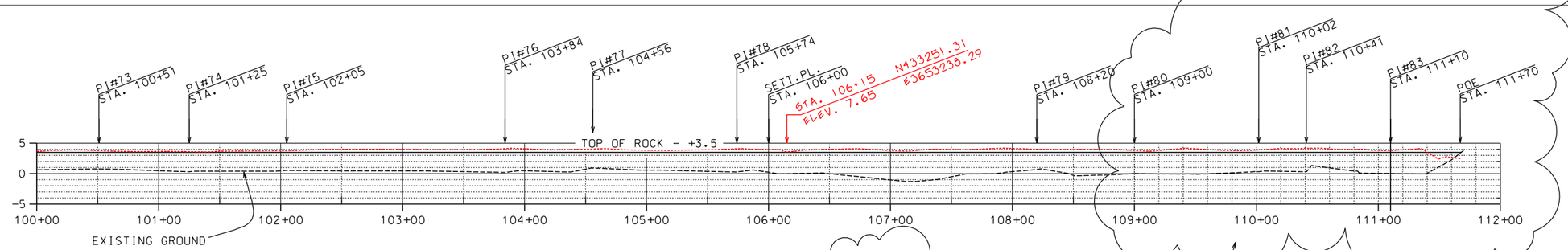


PROFILE - STA. 90+00 - STA. 100+00



PROFILE - STA. 100+00 - STA. 111+70

MODIFICATION #4

AS-BUILT TOP OF ROCK

"AS-BUILT"

NOTE: STATIONS AND ELEVATIONS NOTED IN RED ARE THE AS-BUILT LOCATIONS AND ELEVATIONS OF SETTLEMENT PLATES.

NOTE:
SEE DETAILS FOR PIPELINE CROSSING ON SHEET 20 OF 21

		Date
Approved by	E.J. GIERING III	06/02
Title	STATE CONSERVATION ENGINEER ALEXANDRIA, LA.	
Title		

		Date
Designed	C. LAFLEUR	02/01
Drawn	D.J. WILMORE	02/01
Traced		
Checked	J. CHUA	05/01

WEST REACH PROFILE - STA. 80+00 - 111+70
J. DAVIS WETLAND RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

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

REVISIONS

NO.	DATE	APPR.	TITLE
M4	04/03	B.S.	CIVIL ENG.

CAD FILENAME
LA326010M4.DGN

PROJECT NO.
LA326

SHEET NO 10M4 OF 21

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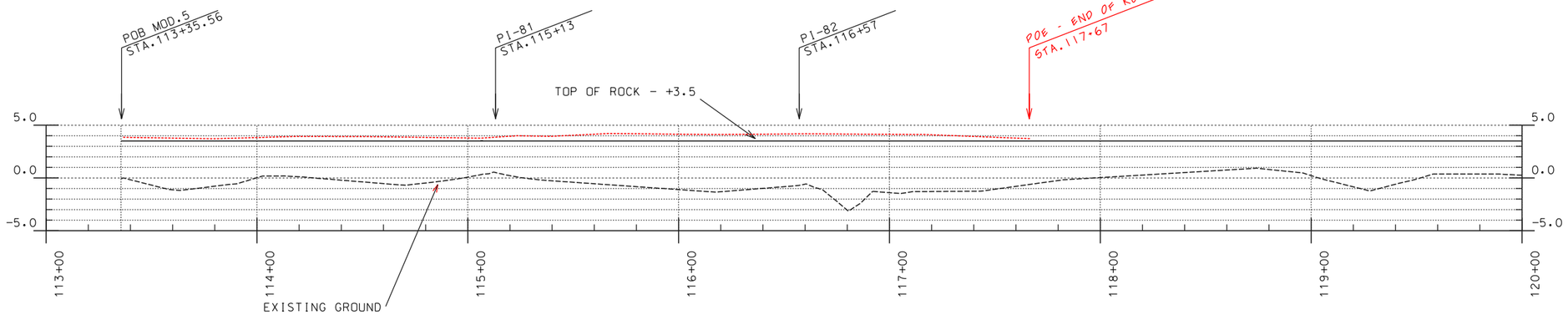
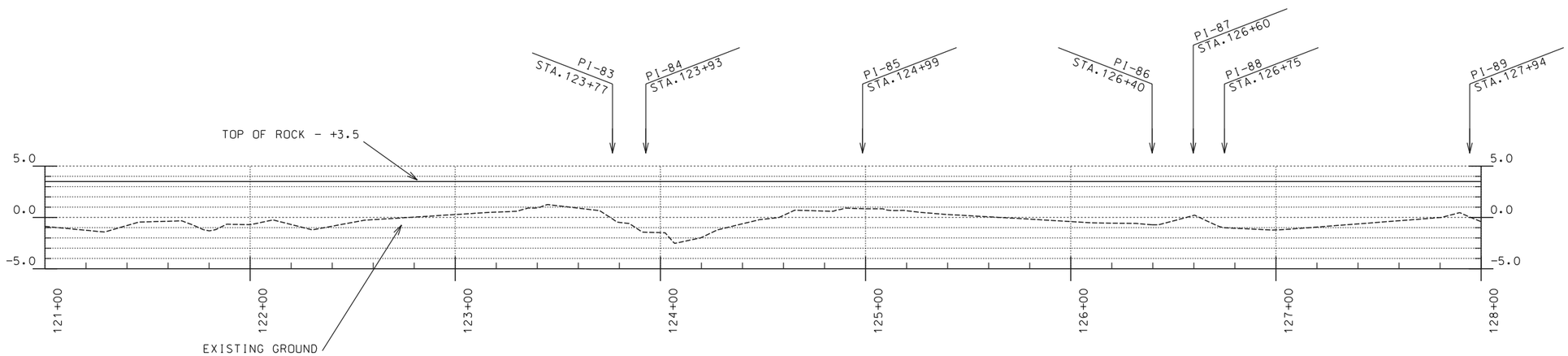
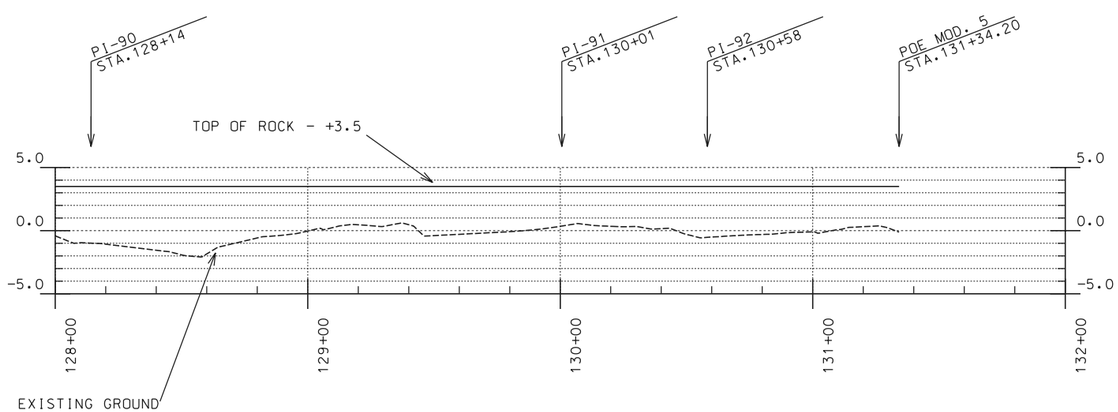


PROFILE - STA. 113+35 - STA. 120+00



PROFILE - STA. 120+00 - STA. 128+00



PROFILE - STA. 128+00 - STA. 131+35

---------- AS-BUILT TOP OF ROCK

NOTE: STATIONS AND ELEVATIONS NOTED IN RED ARE THE AS-BUILT LOCATIONS AND ELEVATIONS OF SETTLEMENT PLATES.

"AS-BUILT"

		Date
Approved by	E.J. GIERING III	01/03
Title	STATE CONSERVATION ENGINEER ALEXANDRIA, LA.	
Title		

		Date
Designed	C. LAFLEUR	03/01
Drawn	D.J. W. & P.C.	03/01
Traced		
Checked	J. CHUA	05/01

MOD 5 PROFILE STA. 113+36-131+34
J. DAVIS WETLAND RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

REVISIONS

NO.	DATE	APPR.	TITLE
M1	01/03	B.S.	C. ENG.
M4	04/03	B.S.	C. ENG.
M5	05/03	B.S.	C. ENG.

CAD FILENAME
LA326010AM5.DGN

PROJECT NO.
LA326

SHEET NO 1 OF 21 QAM5

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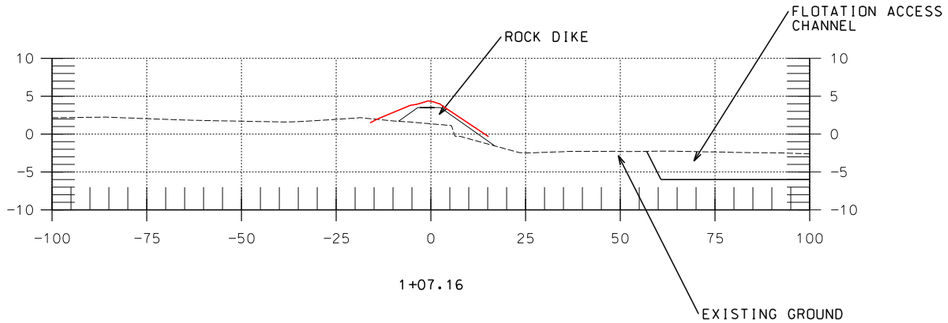

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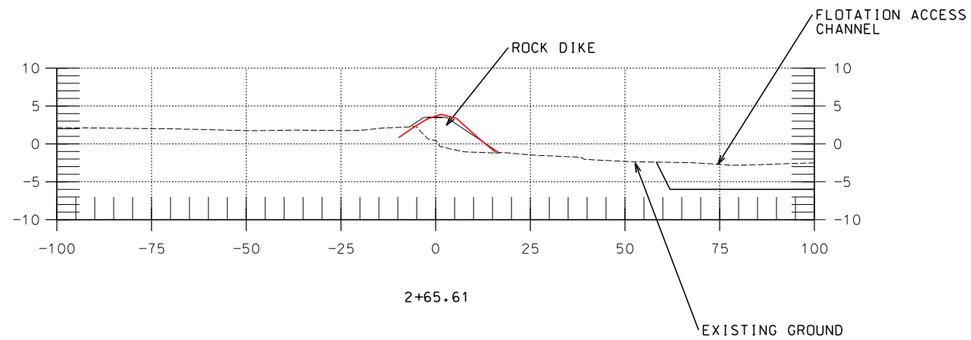

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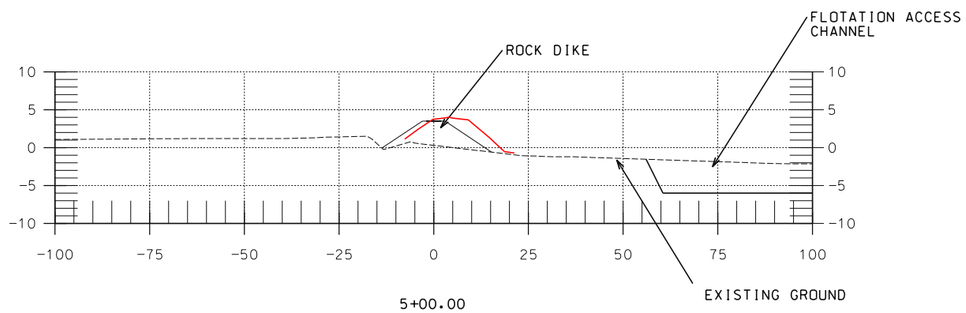

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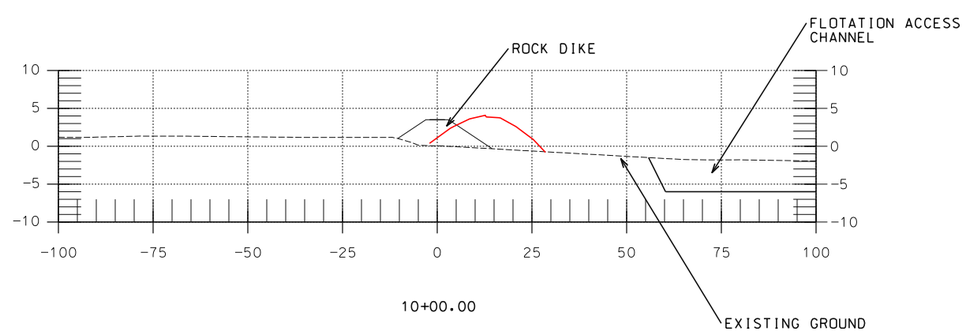

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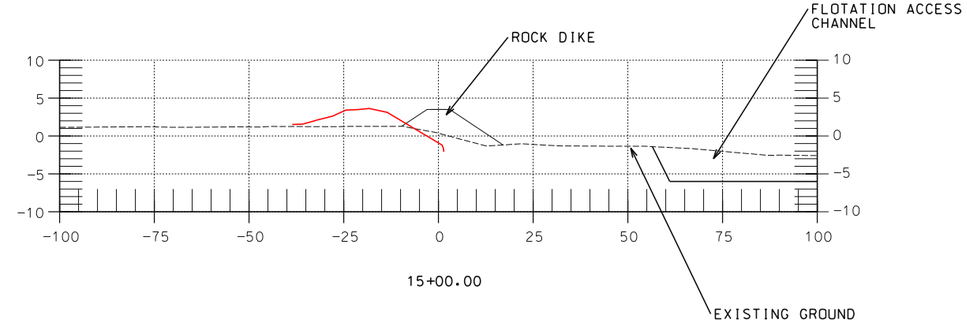

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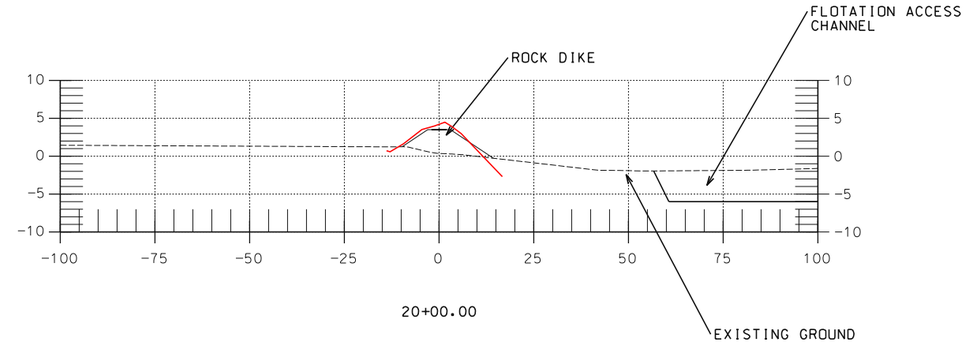

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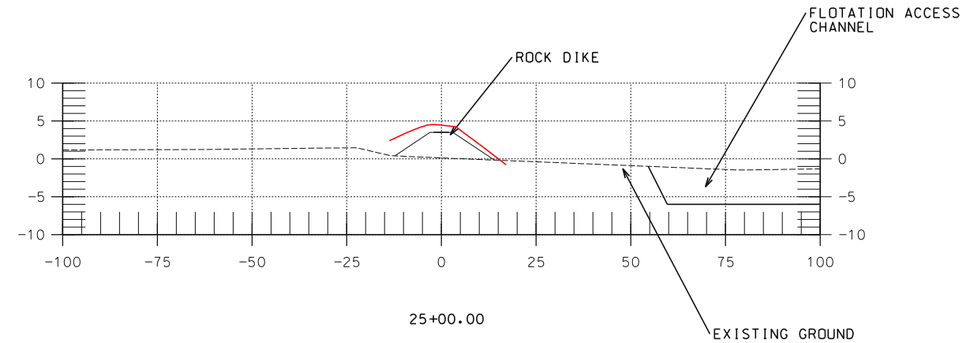

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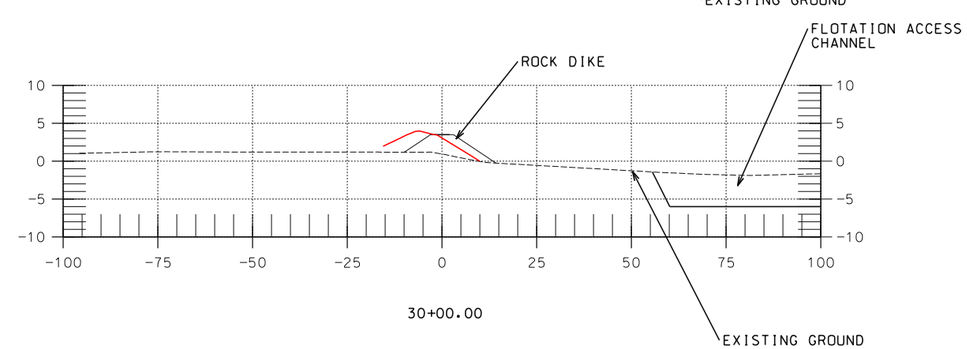

30+00.00

NOTE:
SEE SHEET 20 OF 21 FOR TYPICAL SECTION

"AS-BUILT"

Designed	C. LAFLEUR	03/01	Date
Drawn	D.J. WILMORE	03/01	
Traced			
Checked	J. CHUA	05/01	
Approved by	E.J. GIERING III	06/02	Date
Title	STATE CONSERVATION ENGINEER ALEXANDRIA, LA.		
Title			

WEST REACH - SECTION SET #1
J. DAVIS WETLAND RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

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

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILENAME
326011.DGN

PROJECT NO.
LA326

SHEET NO 11 OF 21

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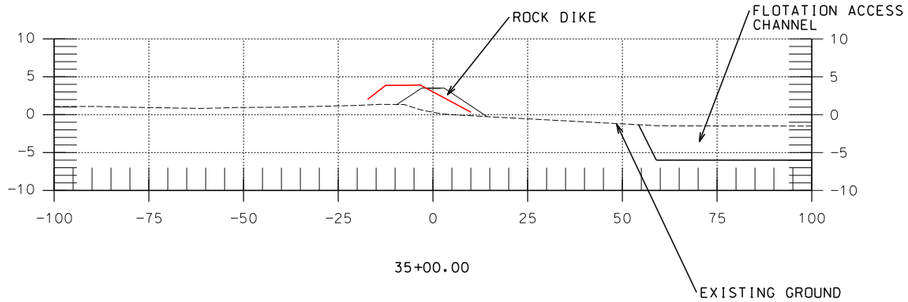

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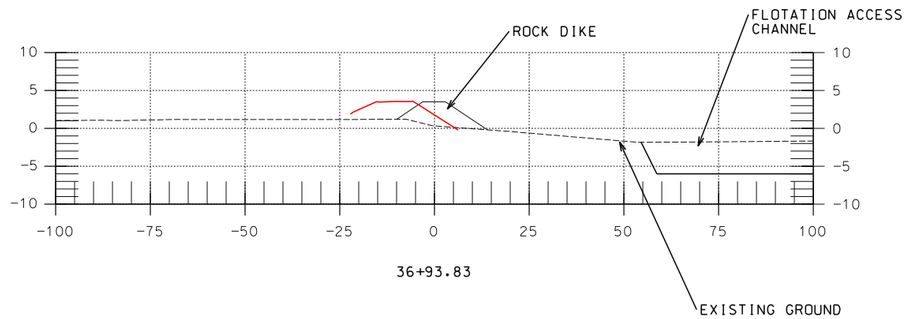

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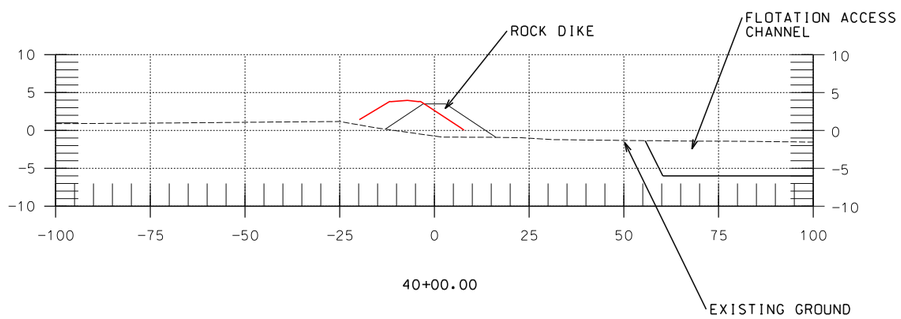

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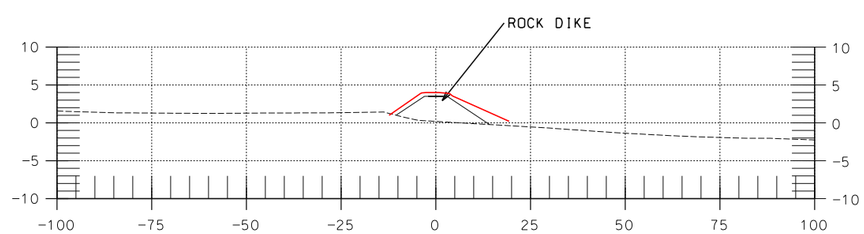

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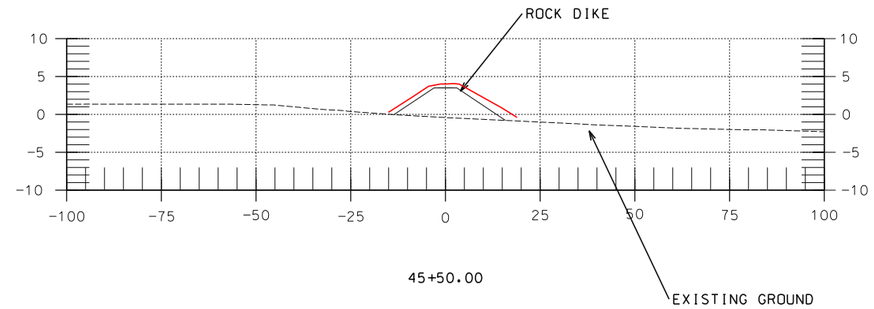

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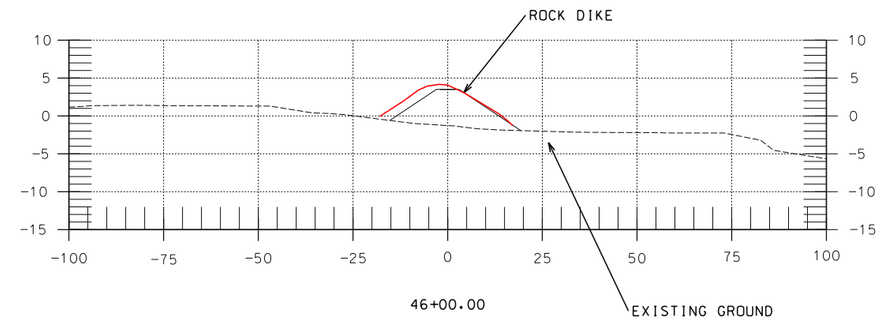

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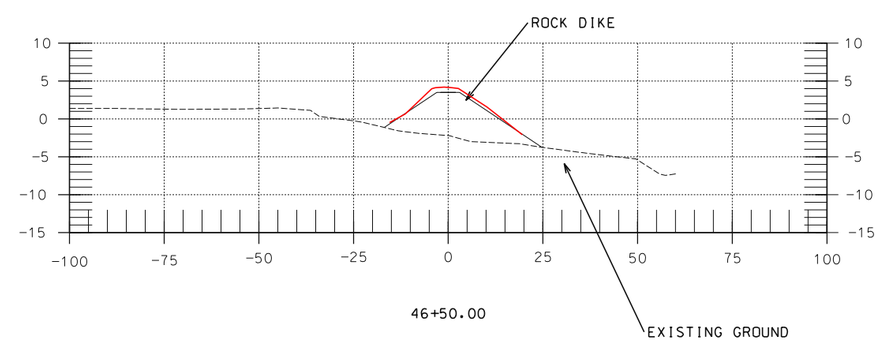

46+50.00

"AS-BUILT"

NOTE:
SEE SHEET 20 OF 21 FOR TYPICAL SECTION

Designed C. LAFLEUR	03/01	Approved by E.J. GIERING III 06/02
Drawn D.J. WILMORE	03/01	Title STATE CONSERVATION ENGINEER ALEXANDRIA, LA.
Traced		
Checked J. CHUA	05/01	Title

WEST REACH - SECTION SET #2
J. DAVIS WETLAND RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

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

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILENAME 326012.DGN
PROJECT NO. LA326
SHEET NO 12 OF 21

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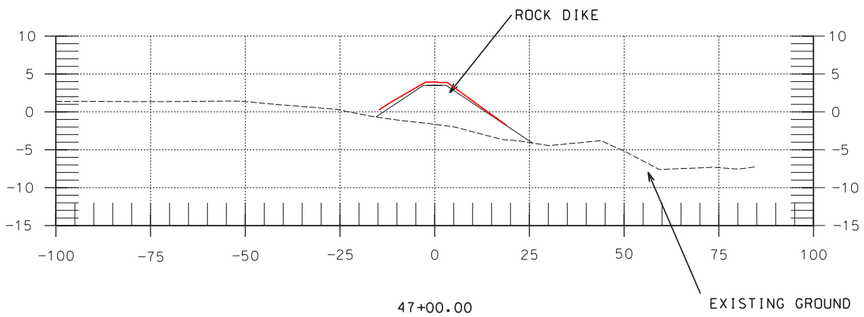

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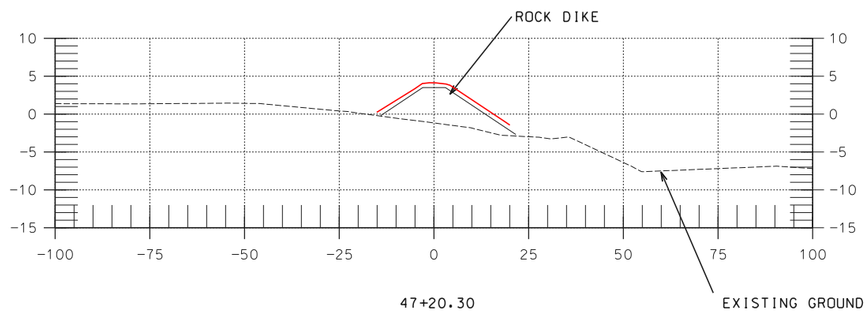

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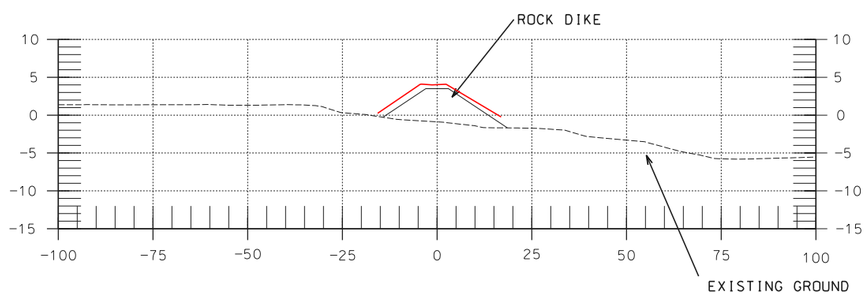

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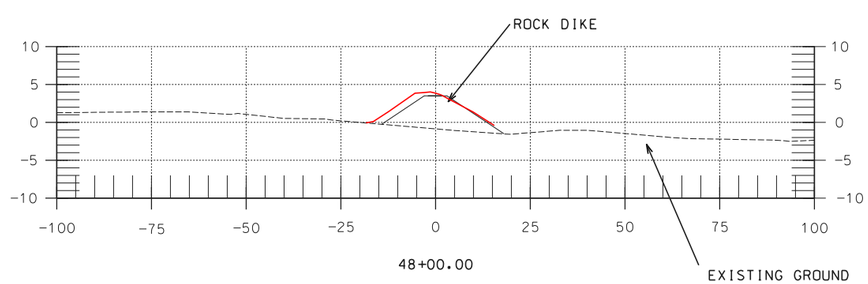

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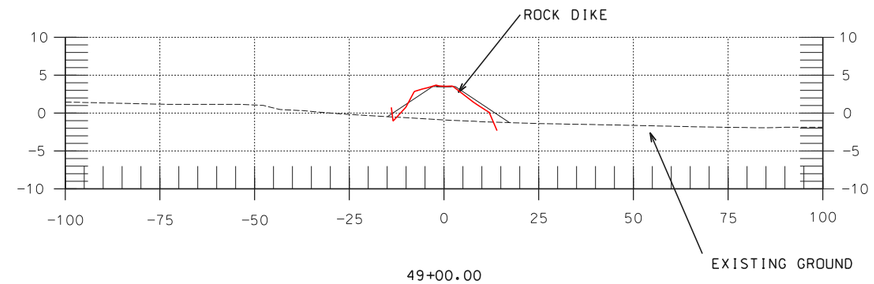

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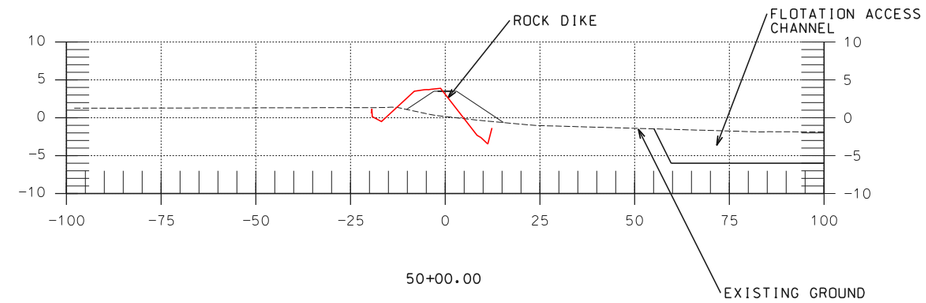

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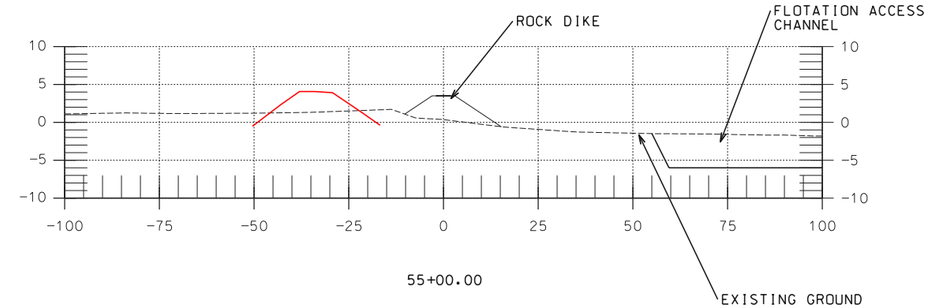

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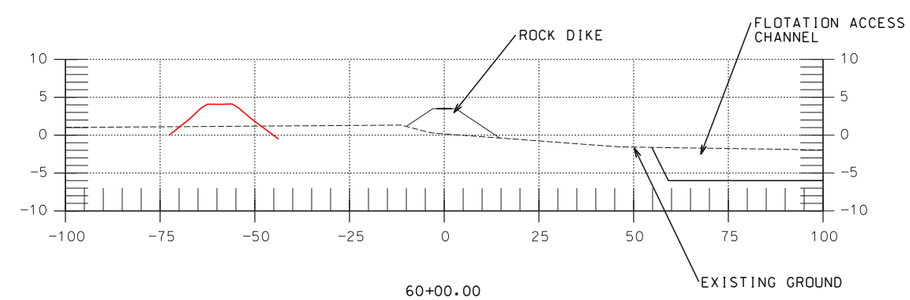

60+00.00

"AS-BUILT"

NOTE:
SEE SHEET 20 OF 21 FOR TYPICAL SECTION

		Date
Approved by	E.J. GIERING III	06/02
Title	STATE CONSERVATION ENGINEER ALEXANDRIA, LA.	
Title		

		Date
Designed	C. LAFLEUR	03/01
Drawn	D.J. WILMORE	03/01
Traced		
Checked	J. CHUA	05/01

WEST REACH - SECTION SET #3
J. DAVIS WETLAND RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

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

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILENAME
326013.DGN

PROJECT NO.
LA326

SHEET NO 13 OF 21

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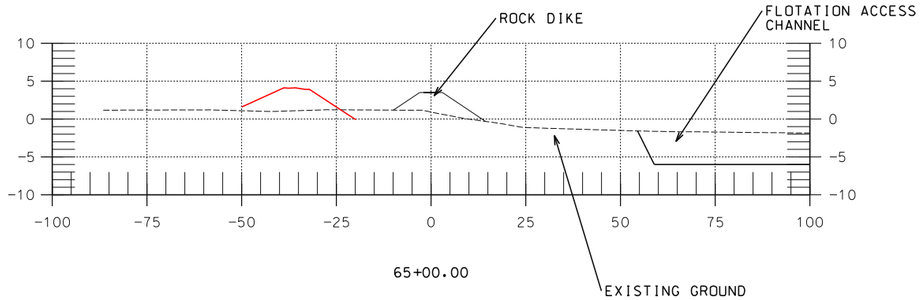

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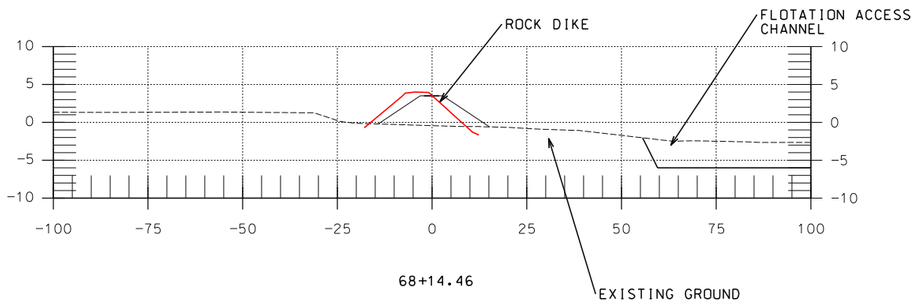

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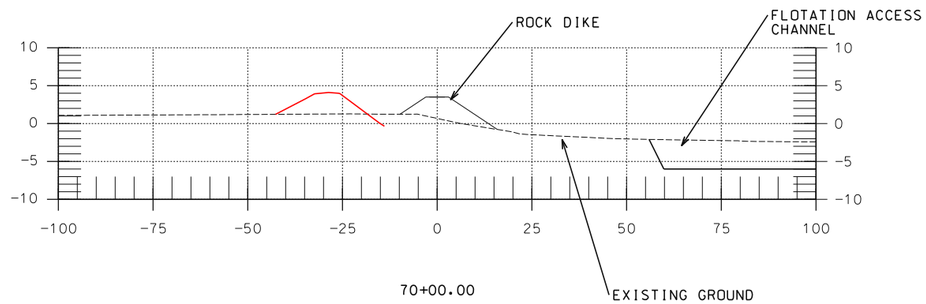

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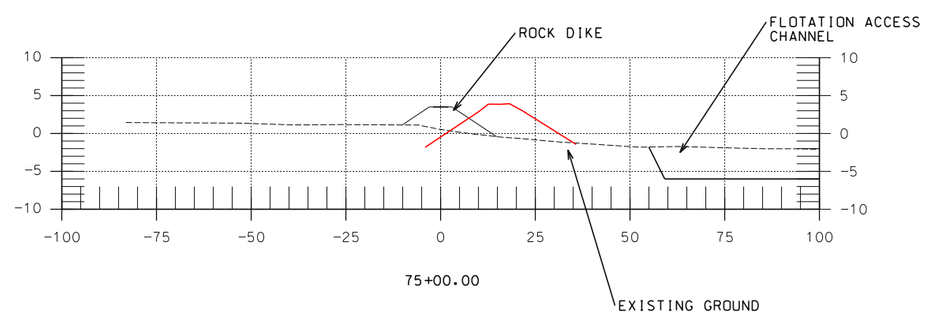

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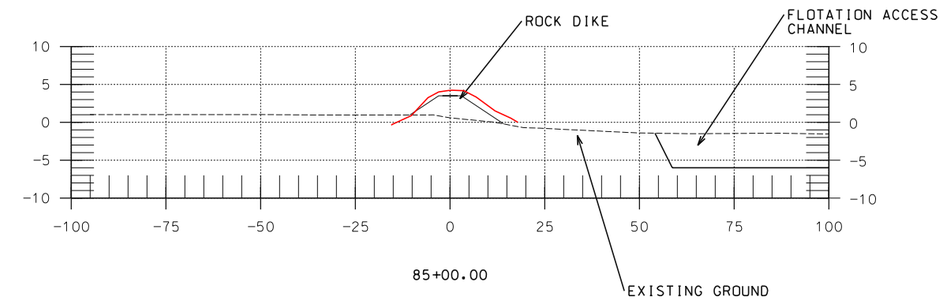

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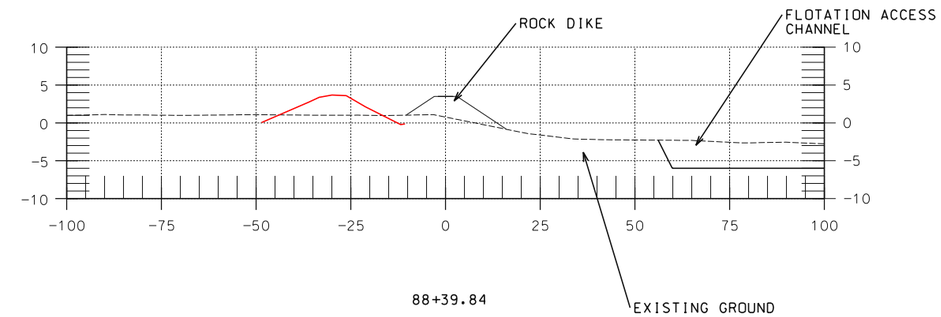

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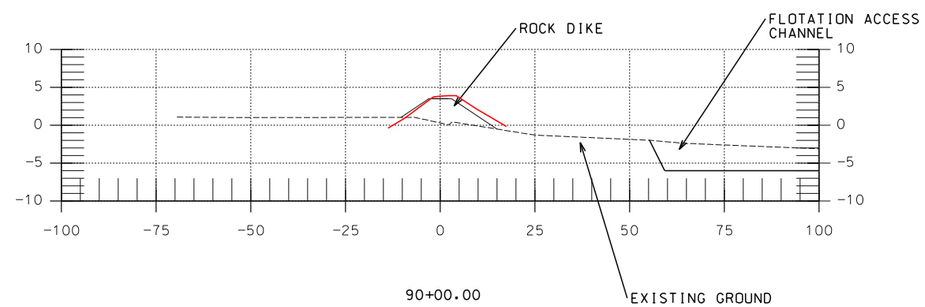

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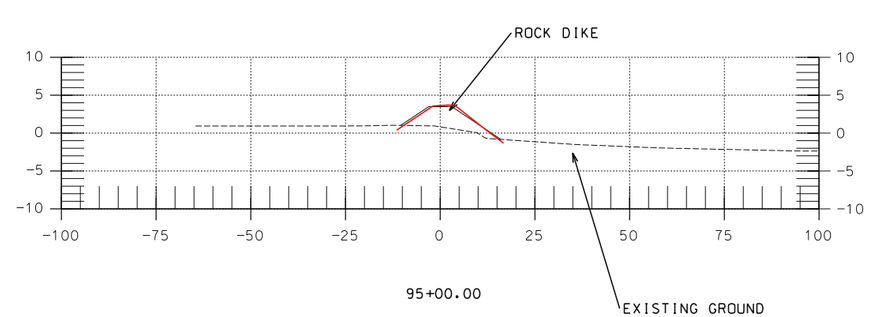


95+00.00

"AS-BUILT"

NOTE:
SEE SHEET 20 OF 21 FOR TYPICAL SECTION

Approved by E.J. GIERING III Date 06/02
Title STATE CONSERVATION ENGINEER ALEXANDRIA, LA.
Title

Designed C. LAFLEUR Date 03/01
Drawn D.J. WILMORE 03/01
Traced
Checked J. CHUA 05/01

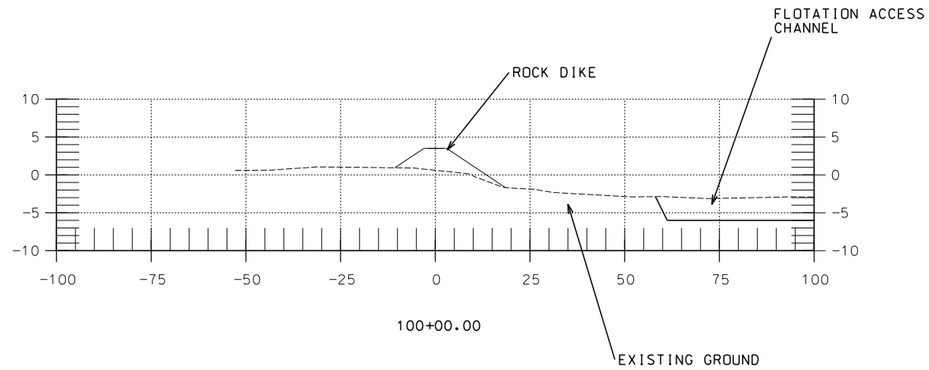
WEST REACH - SECTION SET #4
J. DAVIS WETLAND RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

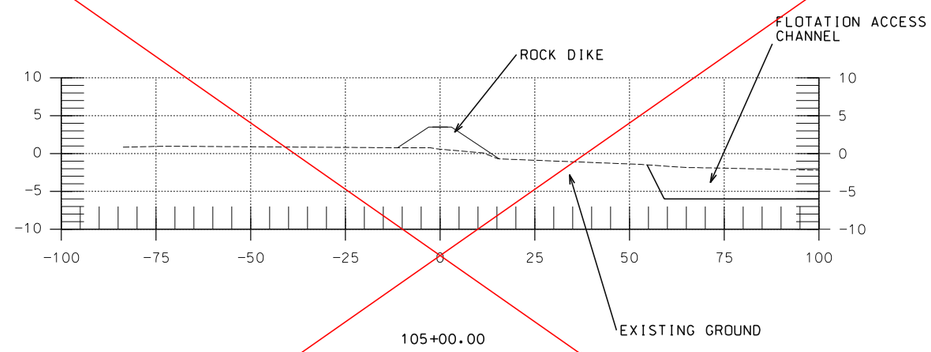
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

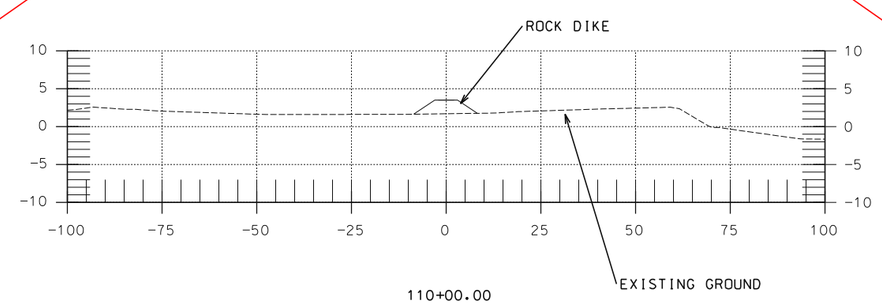
REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILENAME 326014.DGN
PROJECT NO. LA326
SHEET NO 14 OF 21

...\AS-BUILT\LA326014.DGN 12/17/2003 9:07:33 AM







"AS-BUILT"

REPLACED BY SHEETS 15AM5 & 15M4
SEE MODIFICATIONS 4 & 5

NOTE:
SEE SHEET 20 OF 21 FOR TYPICAL SECTION

		Date
Approved by	E.J. GIERING III	06/02
Title	STATE CONSERVATION ENGINEER ALEXANDRIA, LA.	
Title		

		Date
Designed	C. LAFLEUR	03/01
Drawn	D.J. WILMORE	03/01
Traced		
Checked	J. CHUA	05/01

WEST REACH - SECTION SET #5
J. DAVIS WETLAND RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

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

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILENAME
326015.DGN

PROJECT NO.
LA326

SHEET NO 15 OF 21

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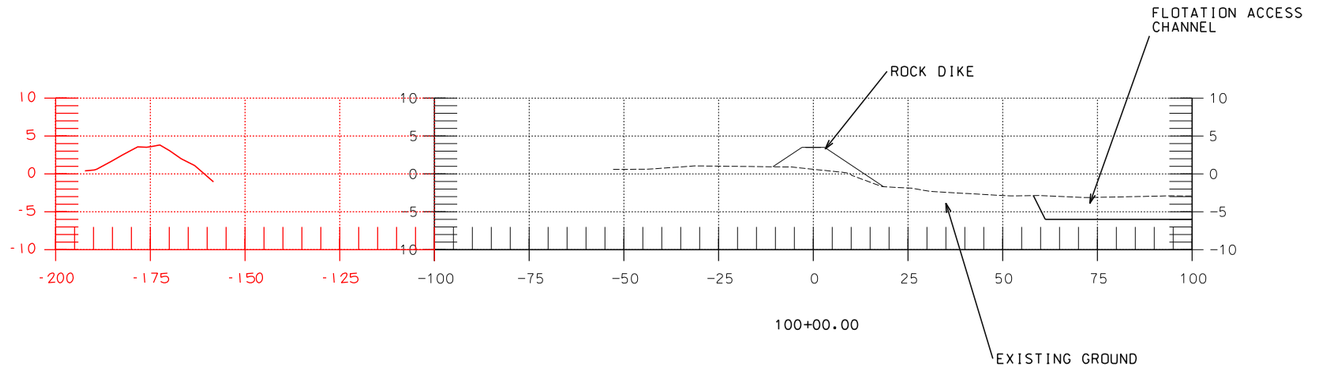
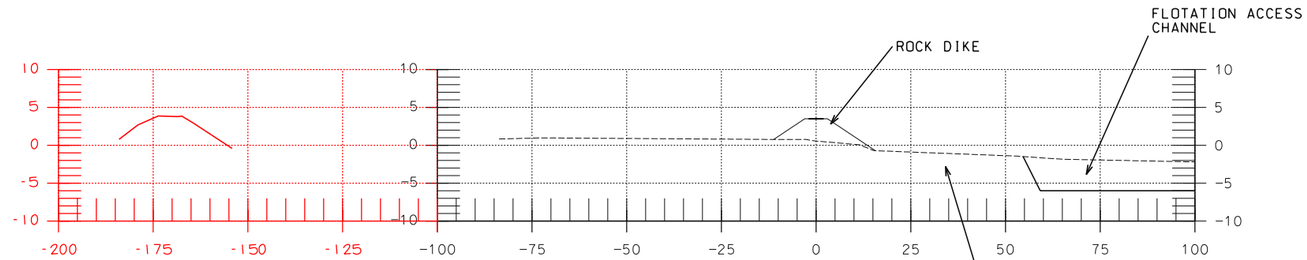
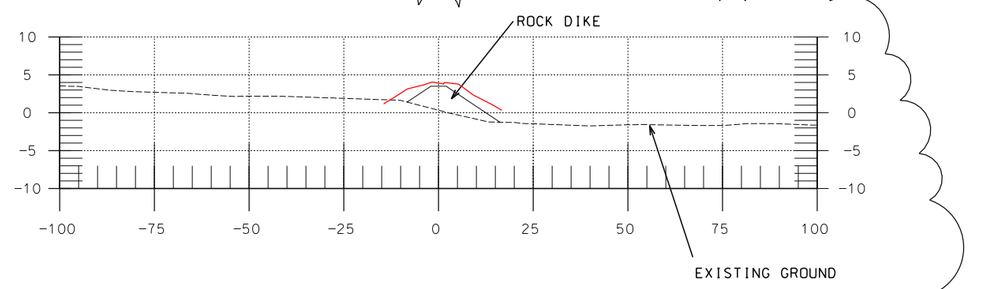
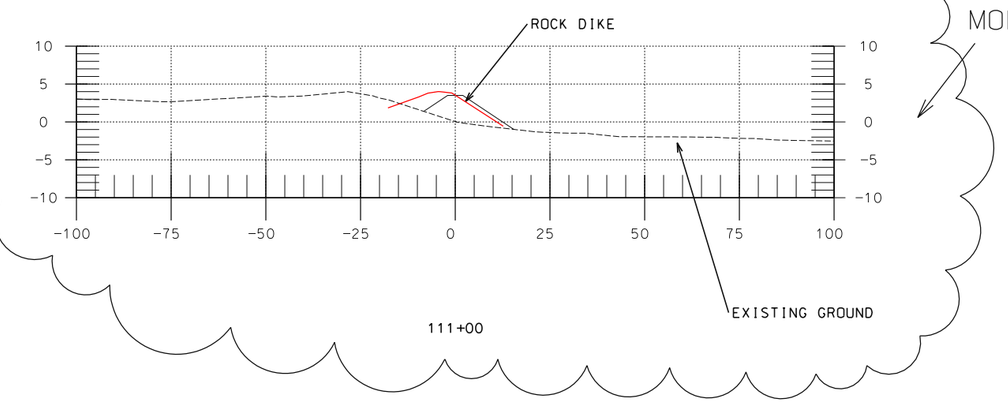








MODIFICATION #4

"AS-BUILT"

NOTE:
SEE SHEET 20 OF 21 FOR TYPICAL SECTION

Designed C. LAFLEUR	03/01	Approved by E.J. GIERING III	06/02
Drawn D.J. WILMORE	03/01	Title STATE CONSERVATION ENGINEER ALEXANDRIA, LA.	
Traced			
Checked J. CHUA	05/01	Title	

WEST REACH - SECTION SET #5
J. DAVIS WETLAND RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

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

REVISIONS

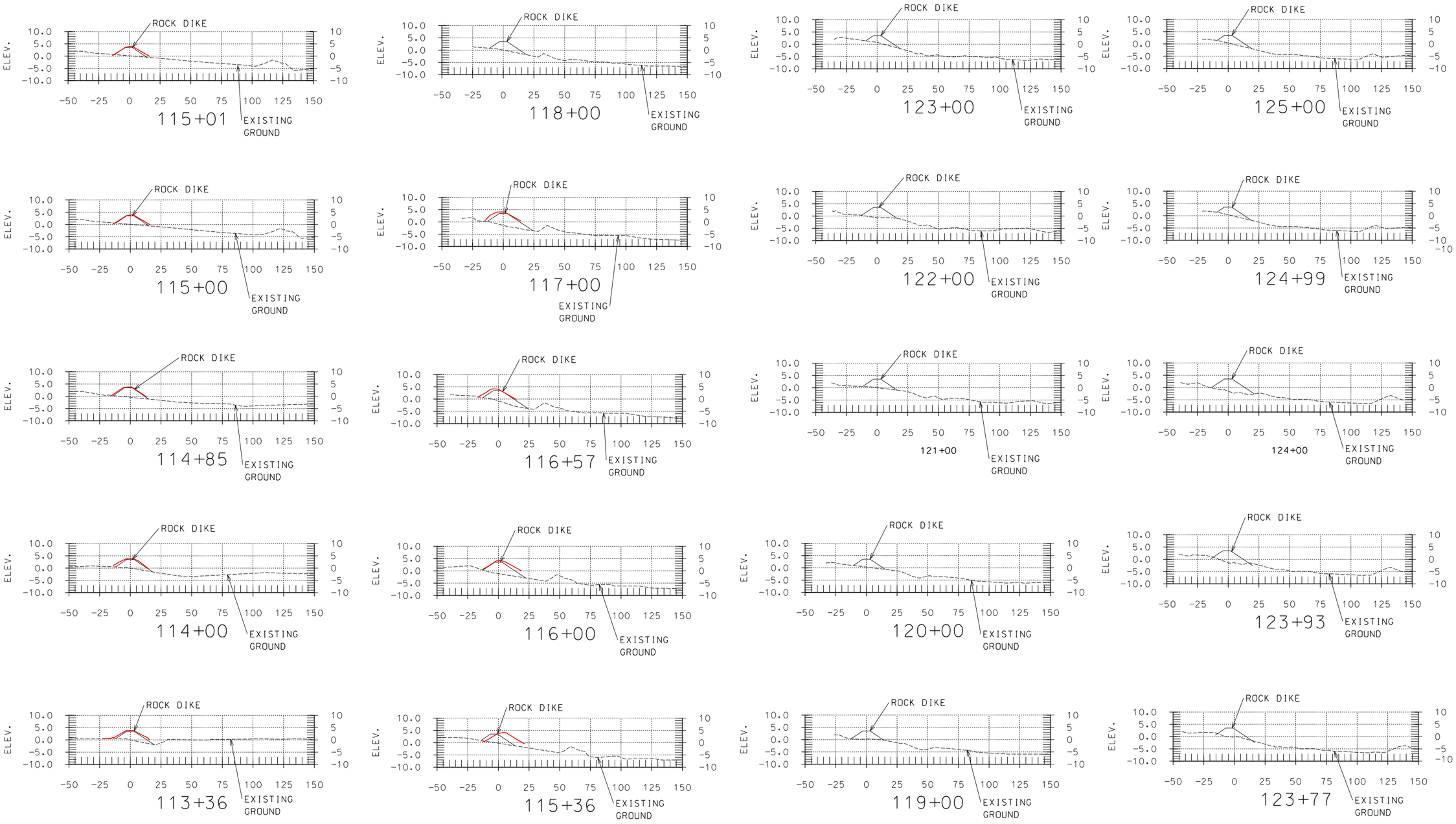
NO.	DATE	APPR.	TITLE
M4	04/03	B.S.	CIVIL ENG.

CAD FILENAME
326015M4.DGN

PROJECT NO.
LA326

SHEET NO. 15M4 OF 21

...\AS-BUILT\LA326015M4.dgn 12/17/2003 9:11:02 AM



"AS-BUILT"

		Date
Designed	C. LAFLEUR	03/01
Drawn	D.J. W. & P.C.	03/01
Traced		
Checked	J. CHUA	05/01

Approved by E.J. GIERING III 01/03
Title STATE CONSERVATION ENGINEER ALEXANDRIA, LA.
Title

MOD 5 XSECT STA. 113+26-125+00
J. DAVIS WETLAND RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

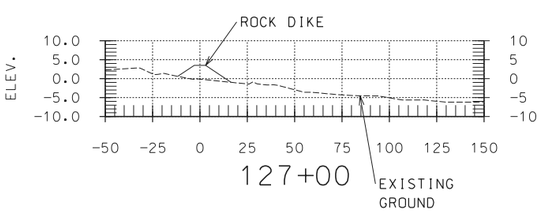
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

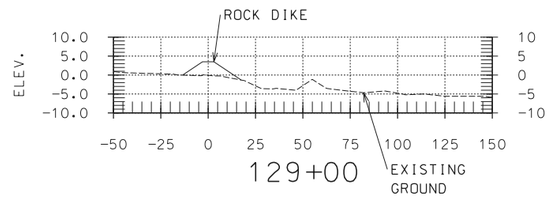
REVISIONS

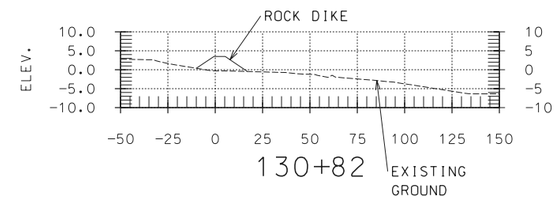
NO.	DATE	APPR.	TITLE
M1	01/03	B.S.	C. ENG.
M5	05/03	B.S.	C. ENG.

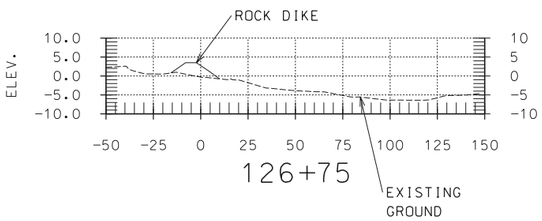
CAD FILENAME
LA326015AM5.DGN
PROJECT NO.
LA326
SHEET N015AM5 OF 21

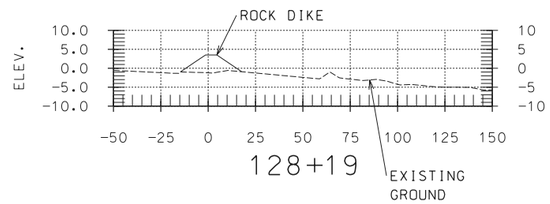
...\AS-BUILT\LA326015AM5.dgn 12/17/2003 9:12:15 AM

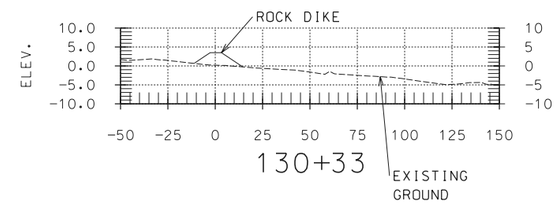


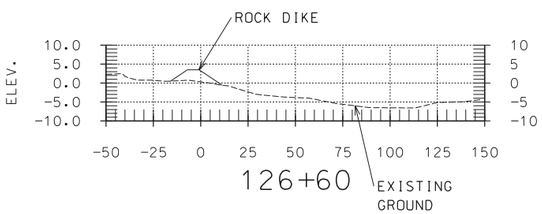


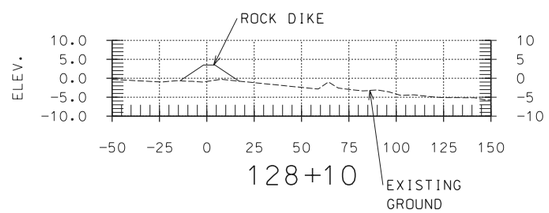


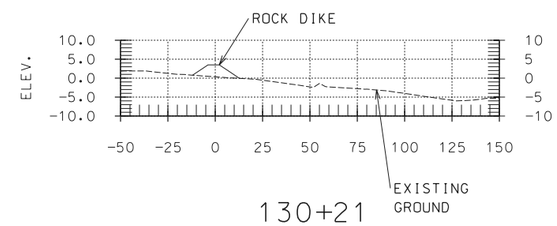




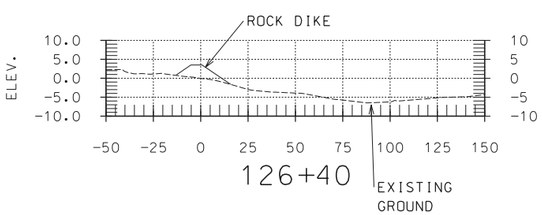


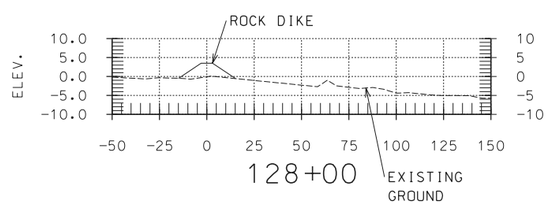


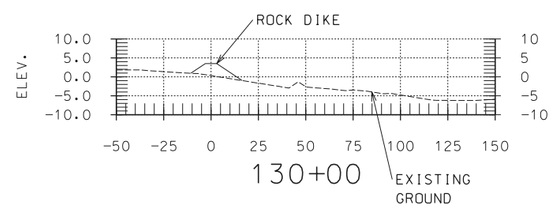


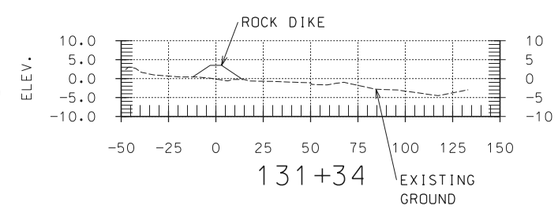


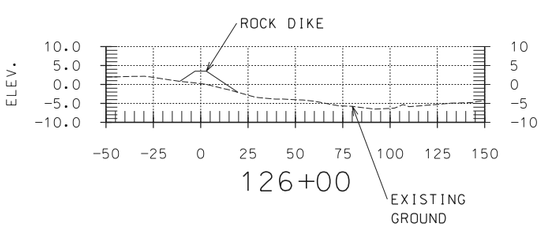
"AS-BUILT"

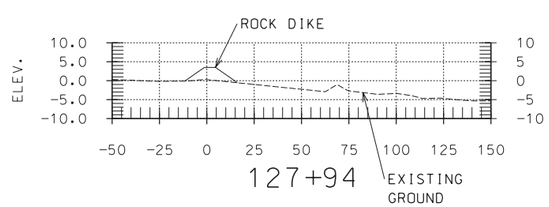


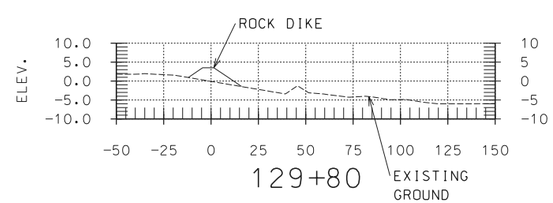


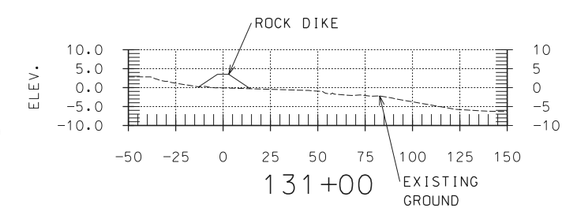












Designed C. LAFLEUR	03/01	Approved by E.J. GIERING III	01/03
Drawn D.J. W. & P.C.	03/01	Title STATE CONSERVATION ENGINEER ALEXANDRIA, LA.	
Traced			
Checked J. CHUA	05/01	Title	

MOD 5 X-SECT STA. 126+00-131+34
J. DAVIS WETLAND RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

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

REVISIONS

NO.	DATE	APPR.	TITLE
M1	01703	B.S.	C. ENG.
M5	05703	B.S.	C. ENG.

CAD FILENAME
LA326015BM5.DGN

PROJECT NO.
LA326

SHEET NO 15BM5 OF 21

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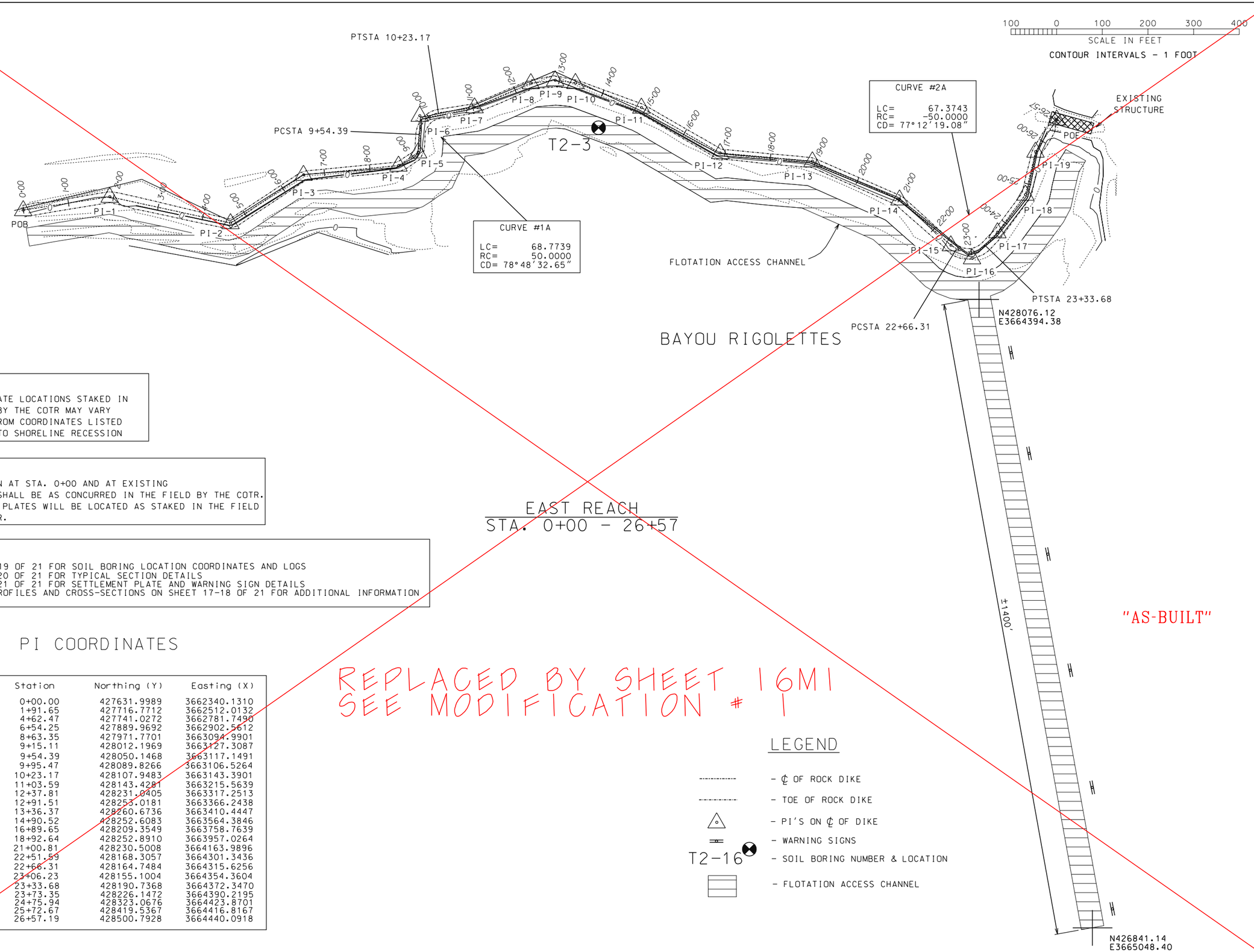

EAST REACH
STA. 0+00 - 26+57

"AS-BUILT"

NOTE:
PI COORDINATE LOCATIONS STAKED IN THE FIELD BY THE COTR MAY VARY SLIGHTLY FROM COORDINATES LISTED BELOW DUE TO SHORELINE RECESSION

NOTE:
BANK TIE-IN AT STA. 0+00 AND AT EXISTING STRUCTURE SHALL BE AS CONCURRED IN THE FIELD BY THE COTR. SETTLEMENT PLATES WILL BE LOCATED AS STAKED IN THE FIELD BY THE COTR.

NOTE:
SEE SHEET 19 OF 21 FOR SOIL BORING LOCATION COORDINATES AND LOGS
SEE SHEET 20 OF 21 FOR TYPICAL SECTION DETAILS
SEE SHEET 21 OF 21 FOR SETTLEMENT PLATE AND WARNING SIGN DETAILS
REFER TO PROFILES AND CROSS-SECTIONS ON SHEET 17-18 OF 21 FOR ADDITIONAL INFORMATION

PI COORDINATES

Type	Station	Northing (Y)	Easting (X)
POB	0+00.00	427631.9989	3662340.1310
PI-1	1+91.65	427716.7712	3662512.0132
PI-2	4+62.47	427741.0272	3662781.7490
PI-3	6+54.25	427889.9692	3662902.5612
PI-4	8+63.35	427971.7701	3663094.9901
PI-5	9+15.11	428012.1969	3663127.3087
PC	9+54.39	428050.1468	3663117.1491
PI-6	9+95.47	428089.8266	3663106.5264
PT	10+23.17	428107.9483	3663143.3901
PI-7	11+03.59	428143.4281	3663215.5639
PI-8	12+37.81	428231.0405	3663317.2513
PI-9	12+91.51	428253.0181	3663366.2438
PI-10	13+36.37	428260.6736	3663410.4447
PI-11	14+90.52	428252.6083	3663564.3846
PI-12	16+89.65	428209.3549	3663758.7639
PI-13	18+92.64	428252.8910	3663957.0264
PI-14	21+00.81	428230.5008	3664163.9896
PI-15	22+51.59	428168.3057	3664301.3436
PC	22+66.31	428164.7484	3664315.6256
PI-16	23+06.23	428155.1004	3664354.3604
PT	23+33.68	428190.7368	3664372.3470
PI-17	23+73.35	428226.1472	3664390.2195
PI-18	24+75.94	428323.0676	3664423.8701
PI-19	25+72.67	428419.5367	3664416.8167
POE	26+57.19	428500.7928	3664440.0918

REPLACED BY SHEET 16M1
SEE MODIFICATION # 1

LEGEND

- ¢ OF ROCK DIKE
- TOE OF ROCK DIKE
- PI'S ON ¢ OF DIKE
- WARNING SIGNS
- T2-16 - SOIL BORING NUMBER & LOCATION
- FLOTATION ACCESS CHANNEL

		Date
Approved by	E.J. CIERING III	06/02
Title	STATE CONSERVATION ENGINEER ALEXANDRIA, LA.	
Title		

		Date
Designed	C. LAFLEUR	02/01
Drawn	D.J. WILMORE	02/01
Traced		
Checked	J. CHUA	05/01

EAST REACH
J. DAVIS WETLANDS RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

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

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILENAME
LA326016.DGN
PROJECT NO.
LA326
SHEET NO 16 OF 21

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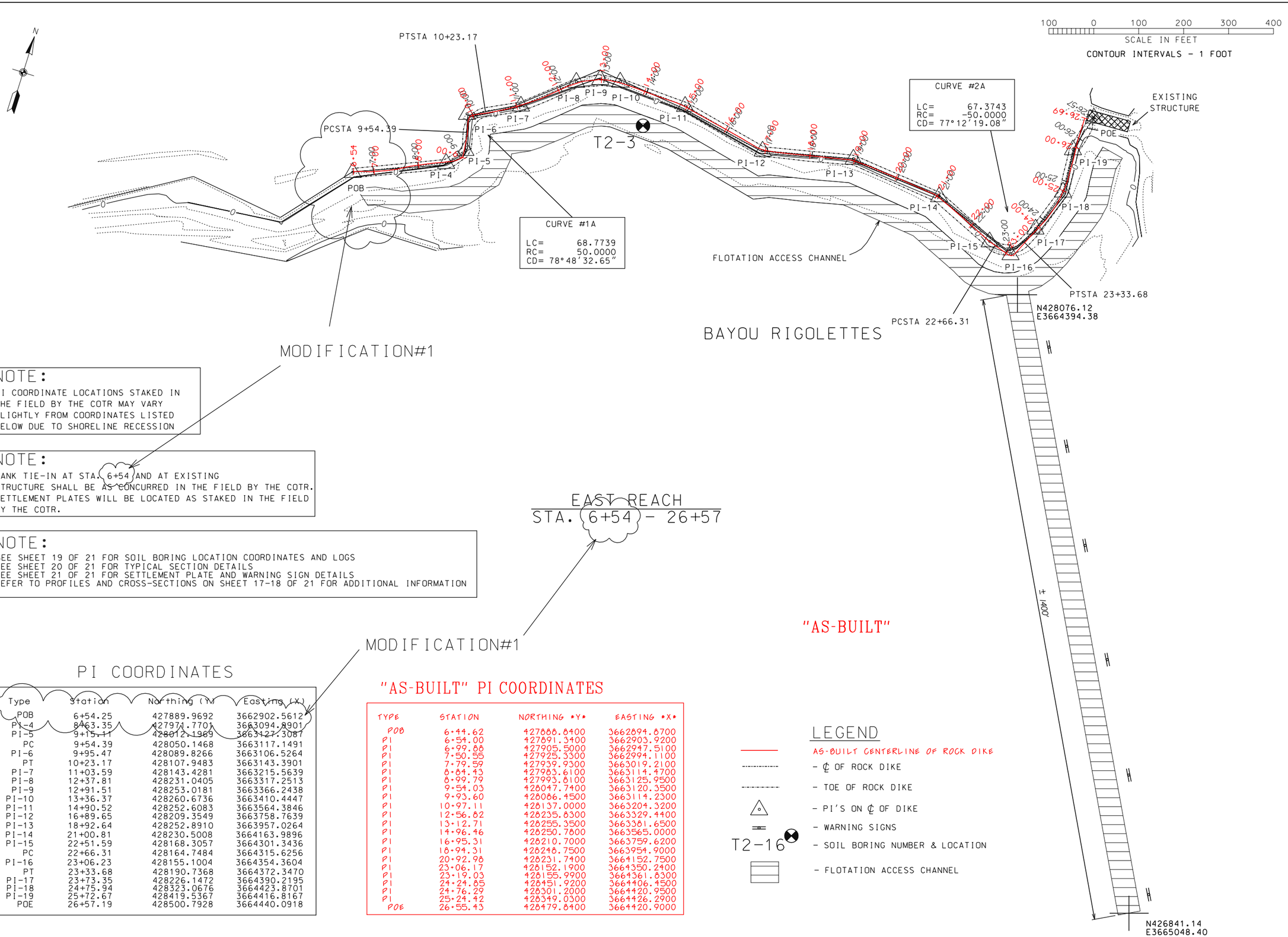

NOTE:
PI COORDINATE LOCATIONS STAKED IN THE FIELD BY THE COTR MAY VARY SLIGHTLY FROM COORDINATES LISTED BELOW DUE TO SHORELINE RECESSION

NOTE:
BANK TIE-IN AT STA. 6+54 AND AT EXISTING STRUCTURE SHALL BE AS CONCURRED IN THE FIELD BY THE COTR. SETTLEMENT PLATES WILL BE LOCATED AS STAKED IN THE FIELD BY THE COTR.

NOTE:
SEE SHEET 19 OF 21 FOR SOIL BORING LOCATION COORDINATES AND LOGS
SEE SHEET 20 OF 21 FOR TYPICAL SECTION DETAILS
SEE SHEET 21 OF 21 FOR SETTLEMENT PLATE AND WARNING SIGN DETAILS
REFER TO PROFILES AND CROSS-SECTIONS ON SHEET 17-18 OF 21 FOR ADDITIONAL INFORMATION

EAST REACH
STA. 6+54 - 26+57

MODIFICATION#1

"AS-BUILT"

PI COORDINATES

Type	Station	Northing (Y)	Easting (X)
POB	6+54.25	427889.9692	3662902.5612
PI-4	8+63.35	427971.7701	3663094.8901
PI-5	9+15.11	428012.1989	3663127.3087
PC	9+54.39	428050.1468	3663117.1491
PI-6	9+95.47	428089.8266	3663106.5264
PT	10+23.17	428107.9483	3663143.3901
PI-7	11+03.59	428143.4281	3663215.5639
PI-8	12+37.81	428231.0405	3663317.2513
PI-9	12+91.51	428253.0181	3663366.2438
PI-10	13+36.37	428260.6736	3663410.4447
PI-11	14+90.52	428252.6083	3663564.3846
PI-12	16+89.65	428209.3549	3663758.7639
PI-13	18+92.64	428252.8910	3663957.0264
PI-14	21+00.81	428230.5008	3664163.9896
PI-15	22+51.59	428168.3057	3664301.3436
PC	22+66.31	428164.7484	3664315.6256
PI-16	23+06.23	428155.1004	3664354.3604
PT	23+33.68	428190.7368	3664372.3470
PI-17	23+73.35	428226.1472	3664390.2195
PI-18	24+75.94	428323.0676	3664423.8701
PI-19	25+72.67	428419.5367	3664416.8167
POE	26+57.19	428500.7928	3664440.0918

"AS-BUILT" PI COORDINATES

TYPE	STATION	NORTHING *Y*	EASTING *X*
POB	6+44.62	427888.8400	3662894.8700
PI	6+54.00	427891.3400	3662903.9200
PI	6+99.88	427905.5000	3662947.5100
PI	7+50.55	427925.3300	3662994.1100
PI	7+79.59	427939.9300	3663019.2100
PI	8+84.43	427983.6100	3663114.4700
PI	8+99.79	427993.8100	3663125.9500
PI	9+54.03	428047.7400	3663120.3500
PI	9+93.60	428086.4500	3663114.2300
PI	10+97.11	428137.0000	3663204.3200
PI	12+56.82	428235.8300	3663329.4400
PI	13+12.71	428255.3500	3663381.6500
PI	14+96.46	428250.7800	3663565.0000
PI	16+95.31	428210.7000	3663759.6200
PI	18+94.31	428248.7500	3663954.9000
PI	20+92.98	428231.7400	3664152.7500
PI	23+06.17	428152.1900	3664350.2400
PI	23+19.03	428155.9900	3664361.8300
PI	24+24.85	428451.9200	3664406.4500
PI	24+76.29	428301.2000	3664420.9500
PI	25+24.42	428349.0300	3664426.2900
POE	26+55.43	428479.8400	3664420.9000

LEGEND

- AS-BUILT CENTERLINE OF ROCK DIKE
- ℄ OF ROCK DIKE
- TOE OF ROCK DIKE
- PI'S ON ℄ OF DIKE
- WARNING SIGNS
- T2-16 — SOIL BORING NUMBER & LOCATION
- FLOTATION ACCESS CHANNEL

Designed	C. LAFLEUR	02/01
Drawn	D.J. WILMORE	02/01
Traced		
Checked	J. CHUA	05/01

Approved by E.J. GIERING III 01/03
Title STATE CONSERVATION ENGINEER ALEXANDRIA, LA.
Title

EAST REACH
J. DAVIS WETLANDS RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

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

REVISIONS			
NO.	DATE	APPR.	TITLE
M1	01/03	B.S.	C. ENG.

CAD FILENAME LA326016M1.DGN
PROJECT NO. LA326
SHEET N016M1 OF 21

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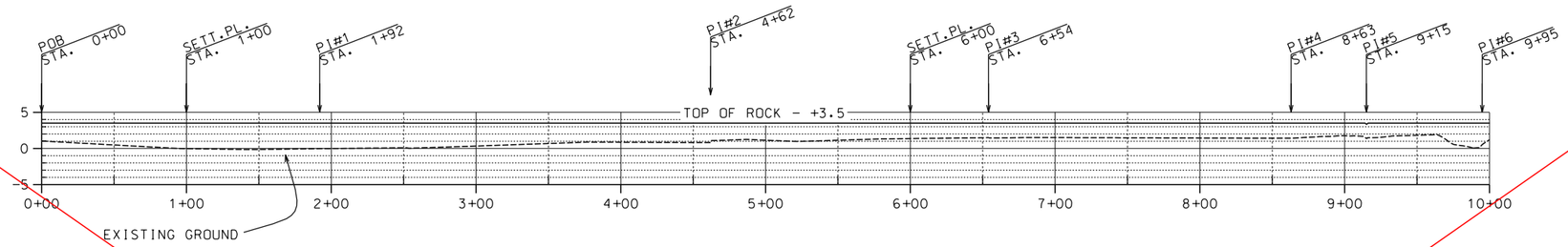
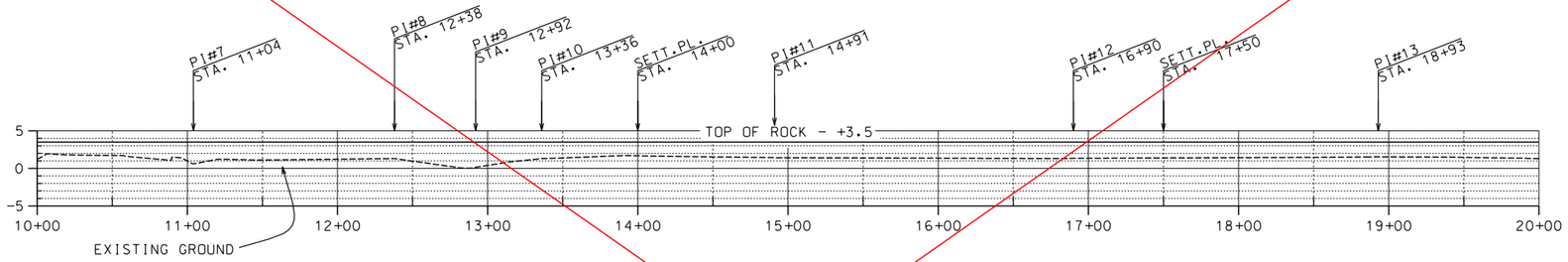
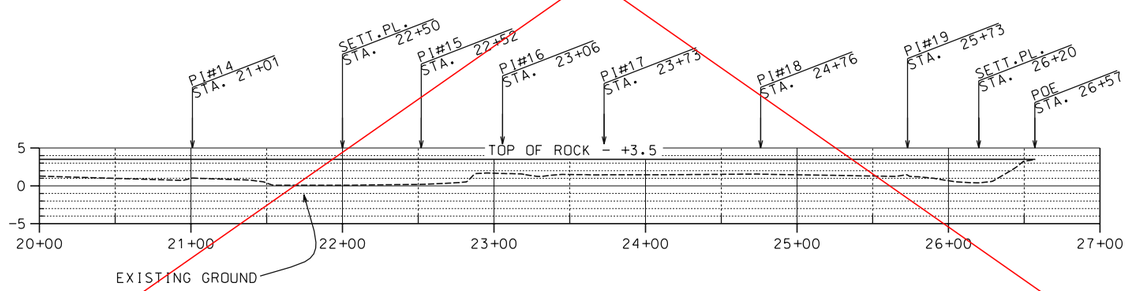


PROFILE - STA. 0+00 - STA. 10+00



PROFILE - STA. 10+00 - STA. 20+00



PROFILE - STA. 20+00 - STA. 26+57

"AS-BUILT"

REPLACED BY SHEET 17M1
SEE MODIFICATION # 1

		Date
Designed	C. LAFLEUR	02/01
Drawn	D.J. WILMORE	02/01
Traced		
Checked	J. CHUA	05/01

Approved by E.J. GIERING III 06/02
Title STATE CONSERVATION ENGINEER ALEXANDRIA, LA.
Title

EAST REACH PROFILES - STA. 0+00 - 26+57
J. DAVIS WETLAND RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

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

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILENAME
LA326017.DGN
PROJECT NO.
LA326
SHEET NO 17 OF 21

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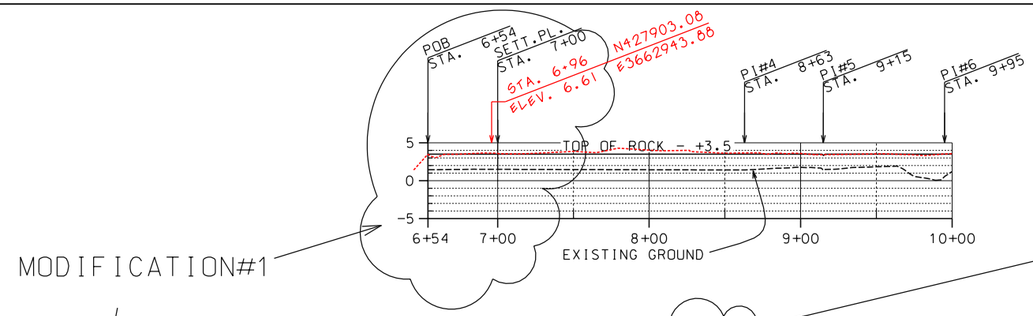
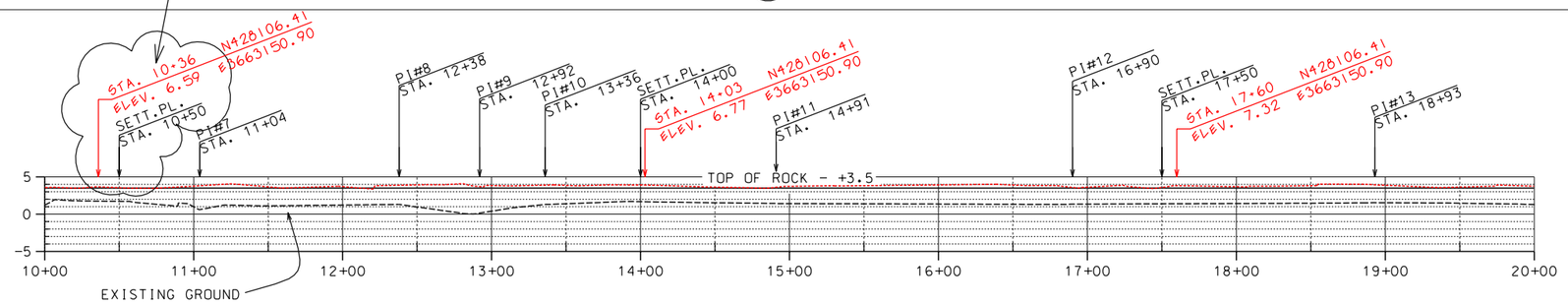
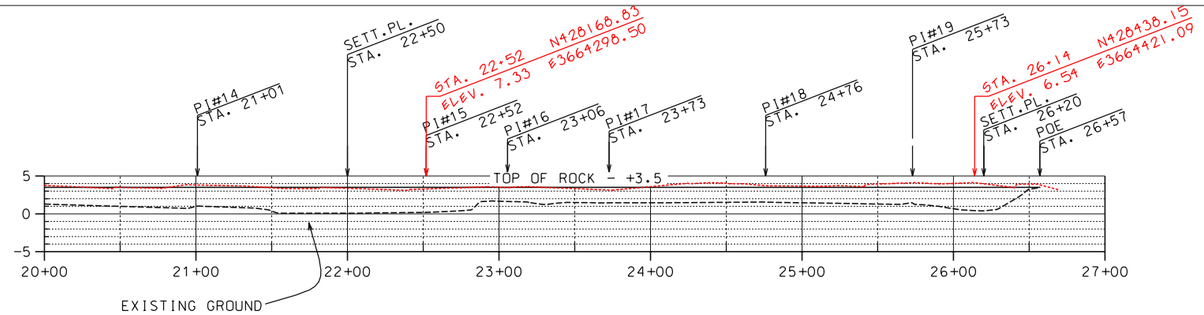


PROFILE - STA. 6+54 - STA. 10+00



PROFILE - STA. 10+00 - STA. 20+00



PROFILE - STA. 20+00 - STA. 26+57

---------- AS-BUILT TOP OF ROCK

NOTE: STATIONS AND ELEVATIONS NOTED IN RED ARE THE AS-BUILT LOCATIONS AND ELEVATIONS OF SETTLEMENT PLATES.

"AS-BUILT"

		Date
Approved by	E.J. GIERING III	01/03
Title	STATE CONSERVATION ENGINEER ALEXANDRIA, LA.	
Title		

		Date
Designed	C. LAFLEUR	02/01
Drawn	D.J. WILMORE	02/01
Traced		
Checked	J. CHUA	05/01

EAST REACH PROFILES - STA. 6+54 - 26+57
J. DAVIS WETLAND RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

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

REVISIONS

NO.	DATE	APPR.	TITLE
M1	01/03	B.S.	C. ENG.

CAD FILENAME
LA326017M1.DGN

PROJECT NO.
LA326

SHEET NO1_ZM1 OF 21

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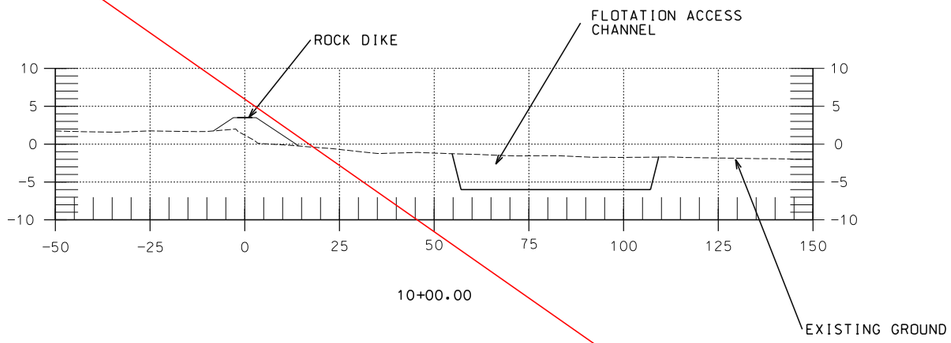

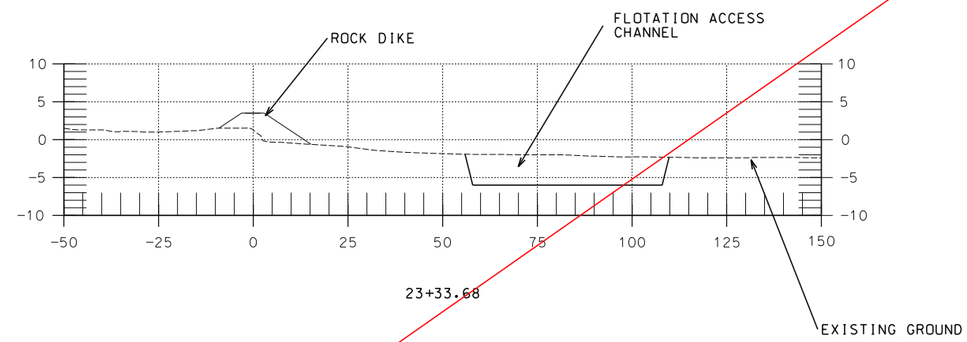

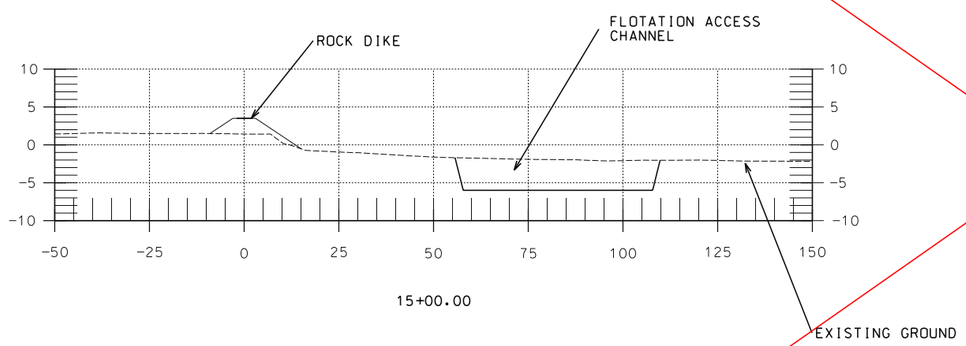

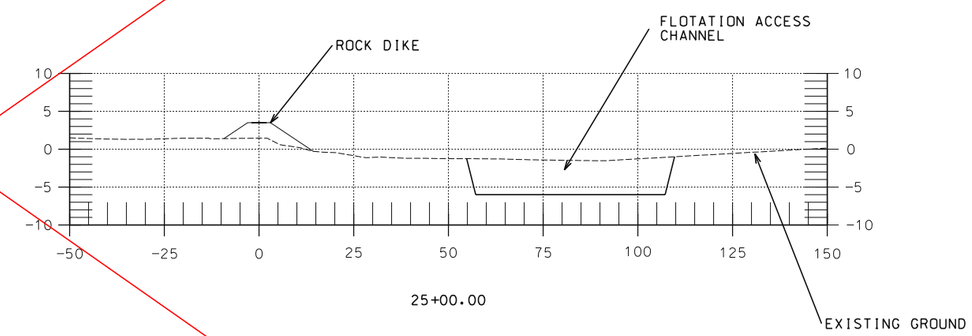

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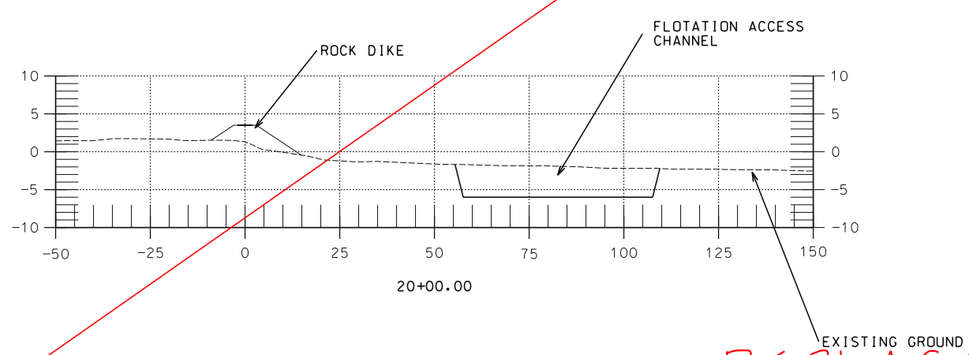
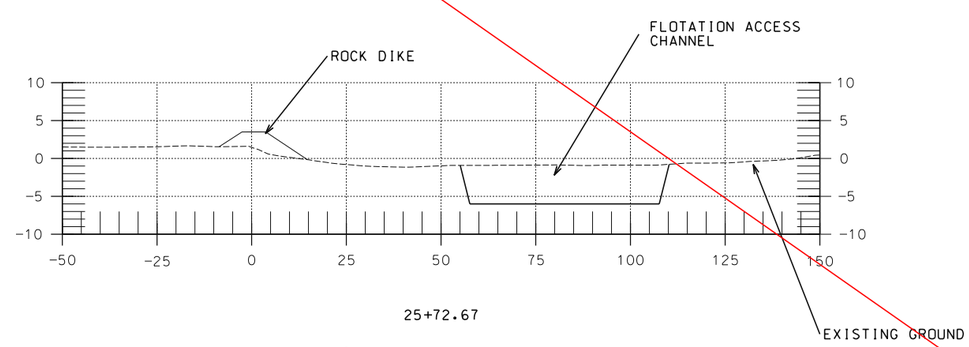




REPLACED BY SHEET 18M1
SEE MODIFICATION # 1

		Date
Designed	C. LAFLEUR	03/01
Drawn	D.J. WILMORE	03/01
Traced		
Checked	J. CHUA	05/01

		Date
Approved by	E.J. GIERING III	01/03
Title	STATE CONSERVATION ENGINEER ALEXANDRIA, LA.	
Title		

EAST REACH - SECTION SET
J. DAVIS WETLAND RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

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

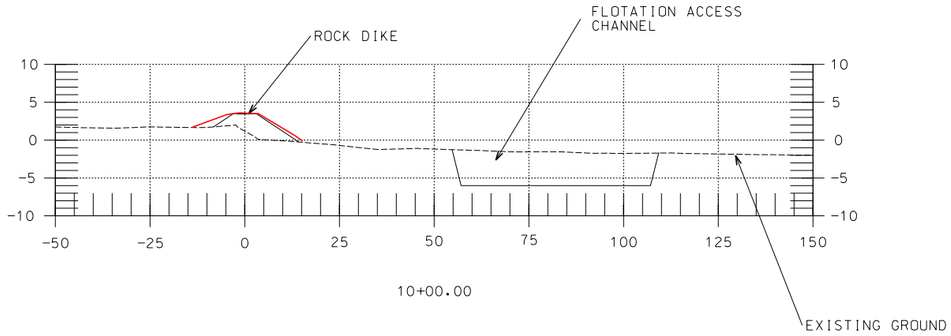
REVISIONS			
NO.	DATE	APPR.	TITLE
M1	01/03	B.S.	C. ENG.

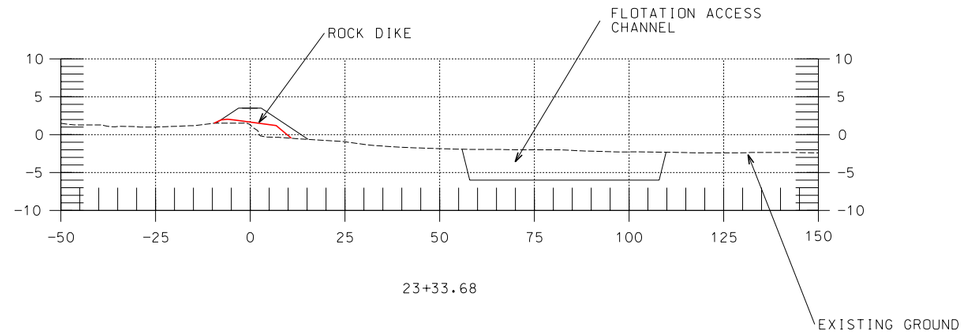
CAD FILENAME
326018M1.DGN

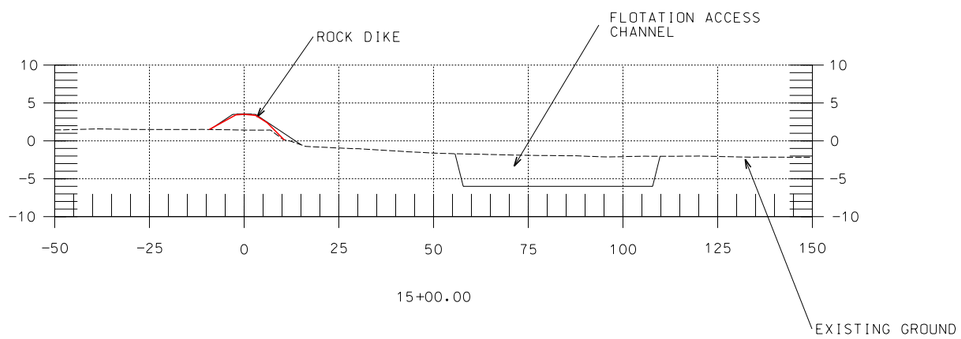
PROJECT NO.
LA326

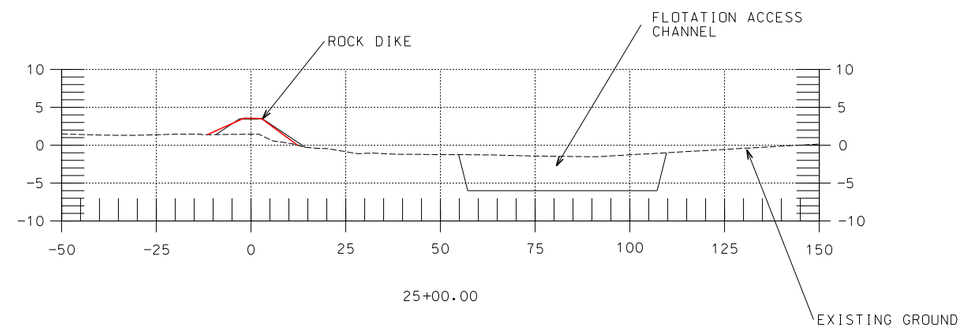
SHEET NO 18 OF 21

...\AS-BUILT\La326018.dgn 12/17/2003 9:19:48 AM









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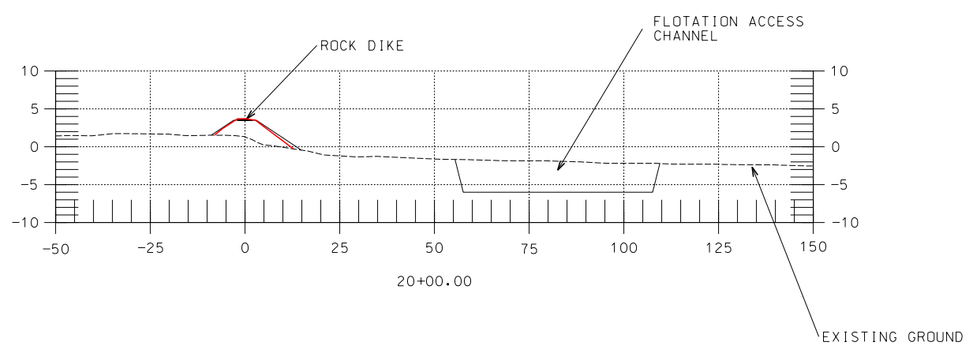
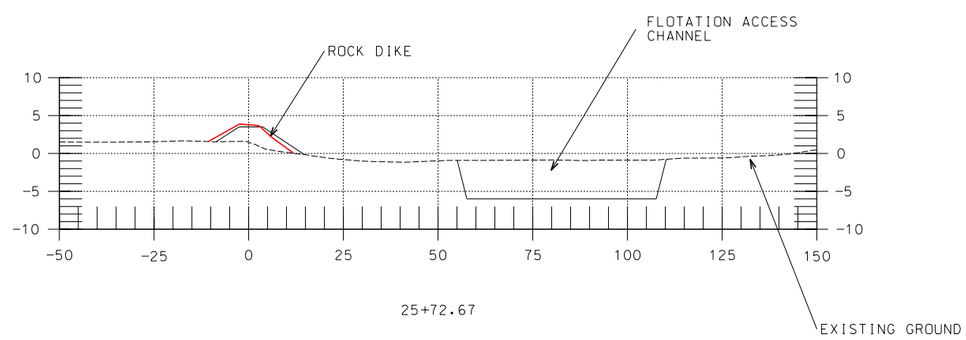




		Date
Approved by	E.J. GIERING III	01/03
Title	STATE CONSERVATION ENGINEER ALEXANDRIA, LA.	
Title		

		Date
Designed	C. LAFLEUR	03/01
Drawn	D.J. WILMORE	03/01
Traced		
Checked	J. CHUA	05/01

EAST REACH - SECTION SET
J. DAVIS WETLAND RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

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

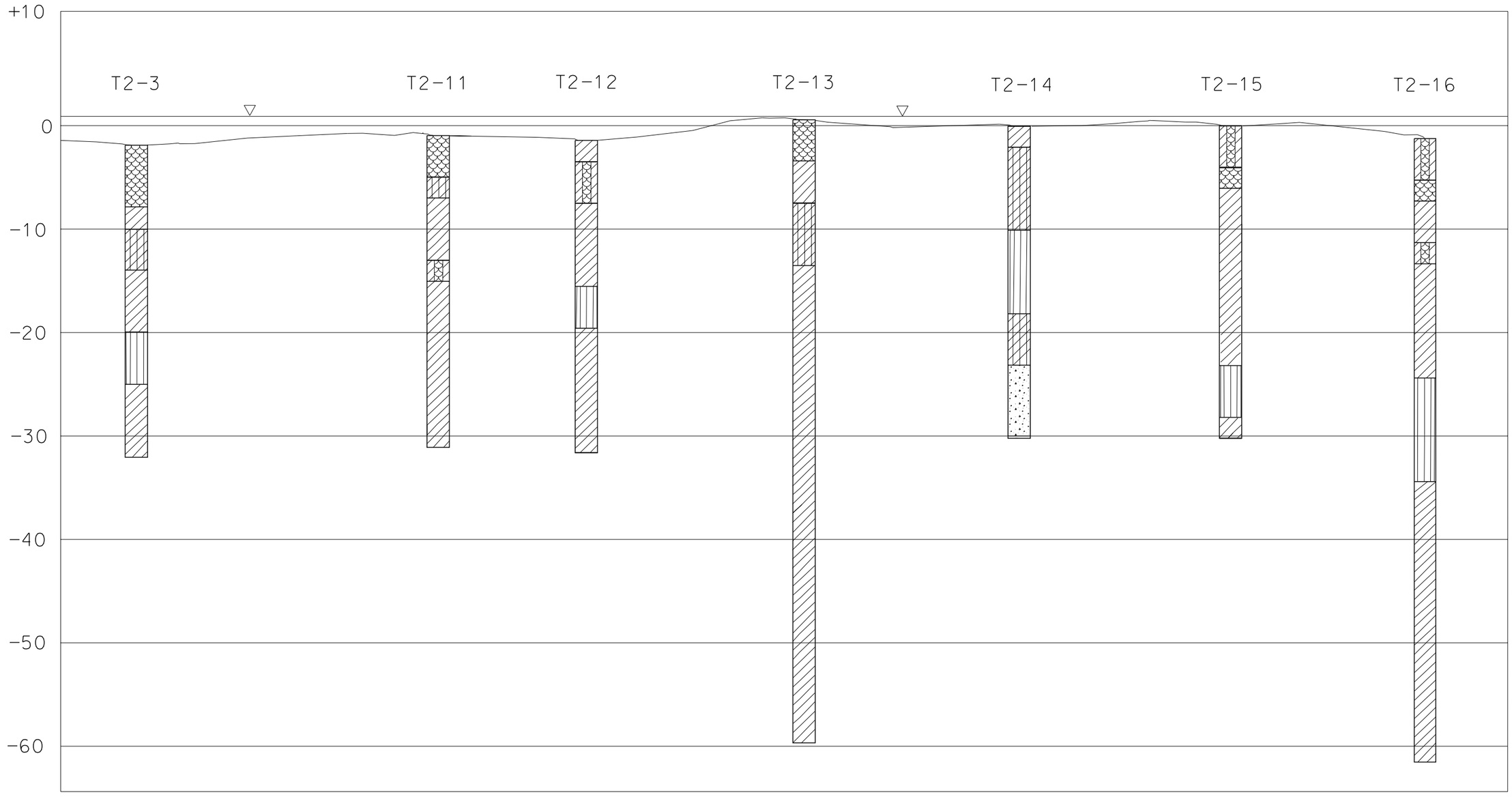
REVISIONS

NO.	DATE	APPR.	TITLE
M1	01/03	B.S.	C. ENG.

CAD FILENAME
326018M1.DGN

PROJECT NO.
LA326

SHEET NO 18M1 OF 21



SOIL BORING COORDINATES

LOCATION	NORTHING	EASTING
T2-3	428182.25	3663487.88
T2-11	433020.11	3653171.40
T2-12	433176.13	3651930.49
T2-13	433511.48	3650140.02
T2-14	432644.20	3648491.39
T2-15	432616.24	3646719.57
T2-16	432666.64	3645097.80

"AS-BUILT"

LEGEND

- SP (POORLY GRADED SAND)
- ML (SILT- LITTLE OR NO PLASTICITY, CLAYEY SILT- MEDIUM TO LOW PLASTICITY)
- CL (SILTY CLAY- SANDY CLAY, LOW TO MEDIUM PLASTICITY)
- CH (CLAY- HIGH PLASTICITY)
- OH (ORGANIC CLAY- MEDIUM TO HIGH PLASTICITY)
- PT (PEAT, HUMUS, SWAMP SOIL)

NOTE:

SEE SHEETS 3-6 & 16 OF 21 FOR SOIL BORING LOCATIONS

Designed C. LAFLEUR Date 03/01
Drawn D.J. WILMORE 03/01
Traced
Checked J. CHUA 05/01

Approved by E.J. GIERING III Date 06/02
Title STATE CONSERVATION ENGINEER ALEXANDRIA, LA.
Title

SOIL BORING PROFILES
J. DAVIS WETLAND RESTORATION
BA-20 - CONSTRUCTION UNIT NO. 3
JEFFERSON PARISH, LOUISIANA

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

REVISIONS			
NO.	DATE	APPR.	TITLE

CAD FILENAME LA326019.DGN
PROJECT NO. LA326
SHEET NO 19 OF 21

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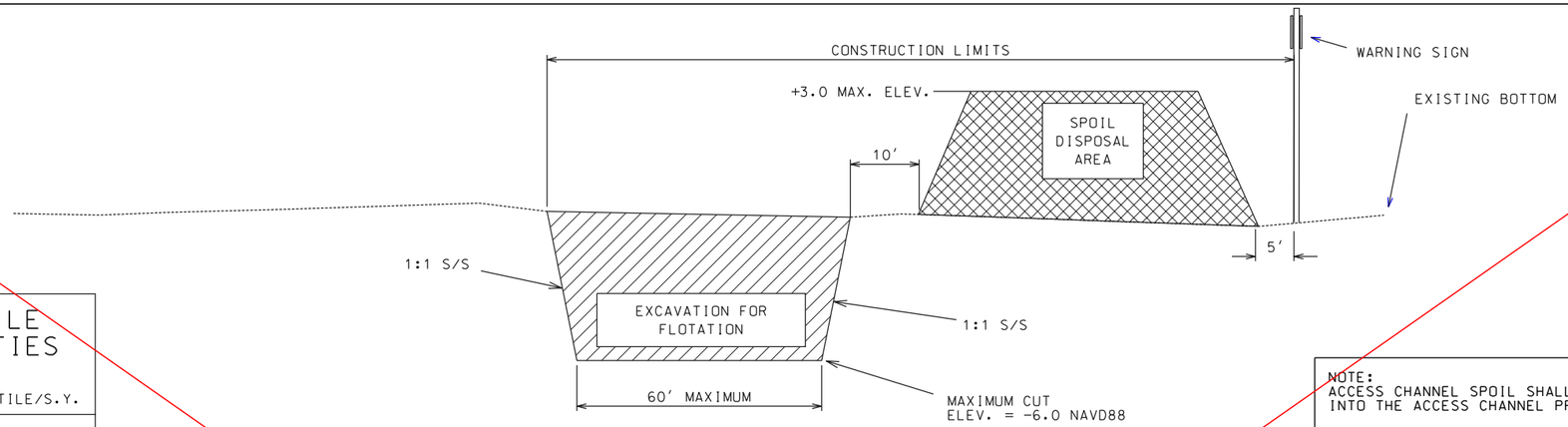
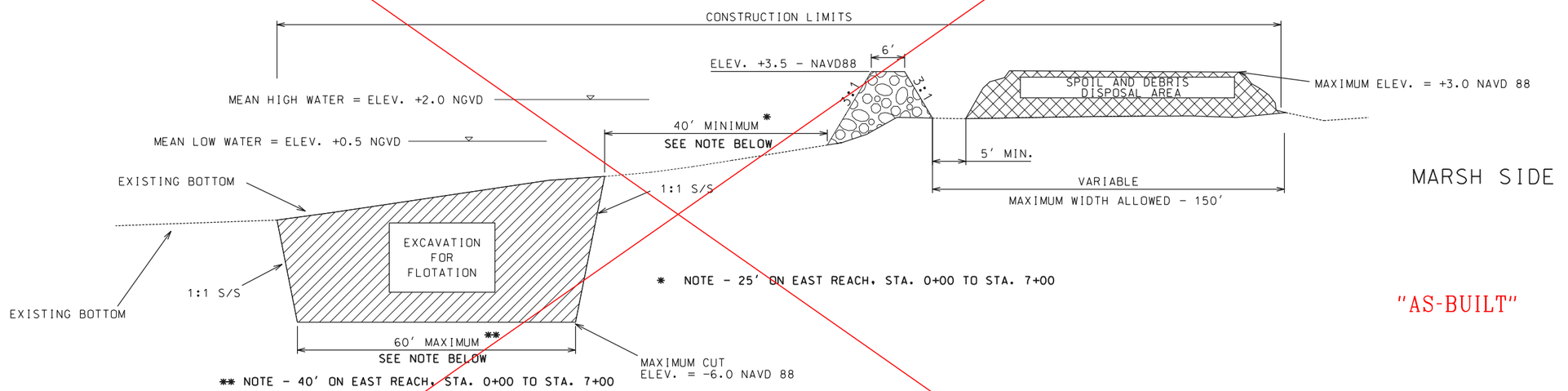
RIPRAP & GEOTEXTILE ESTIMATED QUANTITIES

BID ITEM	ROCK/TONS	GEOTEXTILE/S.Y.
WEST REACH STA.0+00-50+00	33,500	23,000
WEST REACH STA.50+00-110+85	41,000	27,000
EAST REACH STA.0+00-26+57	12,500	12,500



NOTE:
ACCESS CHANNEL SPOIL SHALL BE PULLED BACK INTO THE ACCESS CHANNEL PRIOR TO FINAL INSPECTION

TYPICAL ACCESS CHANNEL EXCAVATION
PERPENDICULAR TO SHORELINE

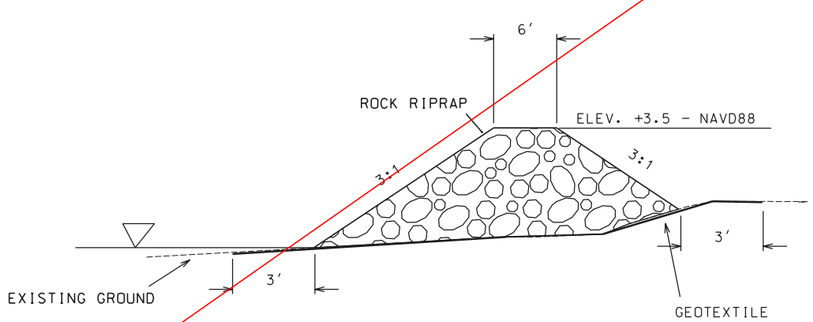


* NOTE - 25' ON EAST REACH, STA. 0+00 TO STA. 7+00

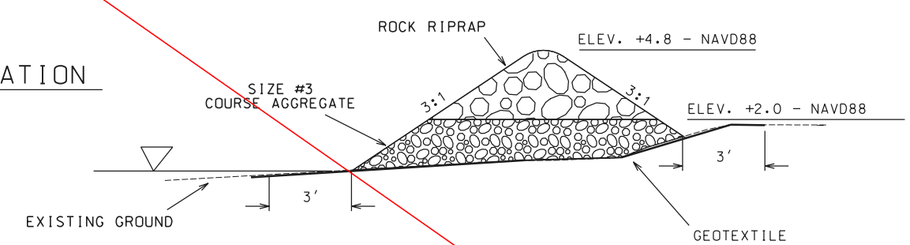
** NOTE - 40' ON EAST REACH, STA. 0+00 TO STA. 7+00

"AS-BUILT"

TYPICAL ACCESS CHANNEL EXCAVATION
SHORELINE SEGMENT



TYPICAL GEOTEXTILE AND ROCK PLACEMENT



TYPICAL GEOTEXTILE AND ROCK PLACEMENT
WEST REACH - STA.86+35 TO 86+65
WEST REACH - STA.96+30 TO 96+60

REPLACED BY SHEET 20M5
SEE MODIFICATION # 5

NOT TO SCALE

		Date
Designed	C.LAFLEUR	03/01
Drawn	D.J. WILMORE	03/01
Traced		
Checked	J. CHUA	05/01

Approved by E.J. GIERING III 06/02
Title STATE CONSERVATION ENGINEER ALEXANDRIA, LA.
Title

TYPICAL SECTIONS
J. DAVIS WETLAND RESTORATION
BA-20 - CONSTRUCTION UNIT 3.
JEFFERSON PARISH, LOUISIANA

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

NO.	DATE	APPR.	TITLE
REVISIONS			

CAD FILENAME
LA326020.DGN
PROJECT NO.
LA326
SHEET NO 20 OF 21

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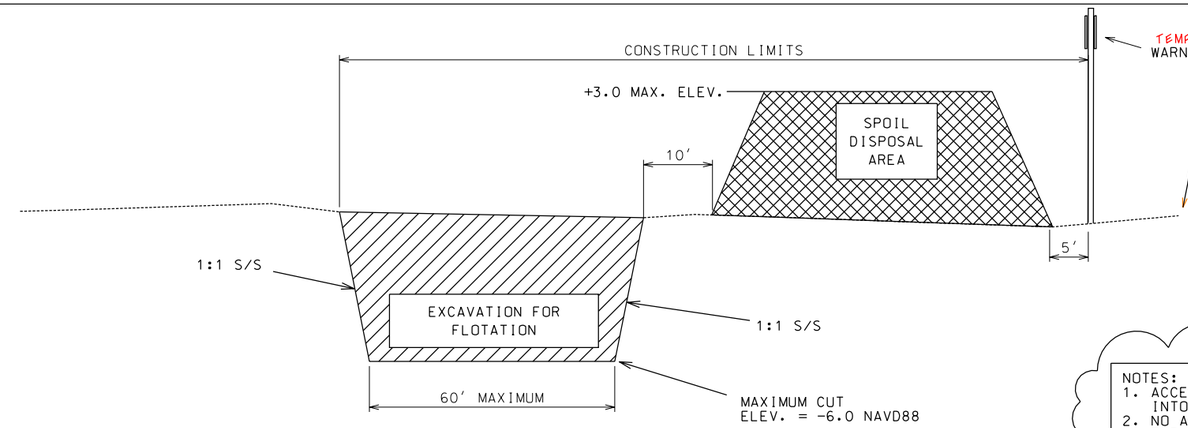
RIPRAP & GEOTEXTILE ~~ESTIMATED~~ ACTUAL QUANTITIES

BID ITEM	ROCK/TONS	GEOTEXTILE/S.Y.
WEST REACH STA.0+00-50+00	26,500 ~~33,500~~	22,422 ~~23,000~~
WEST REACH STA.50+00-110+85	39,576 ~~41,000~~	25,662 ~~27,000~~
EAST REACH STA.~~0+00-20+57~~	13,082 ~~12,500~~	9,174 ~~12,500~~
WEST REACH STA.113+35-~~131+34~~	2,509 ~~15,200~~	1,662 ~~8,400~~

MOD. #5

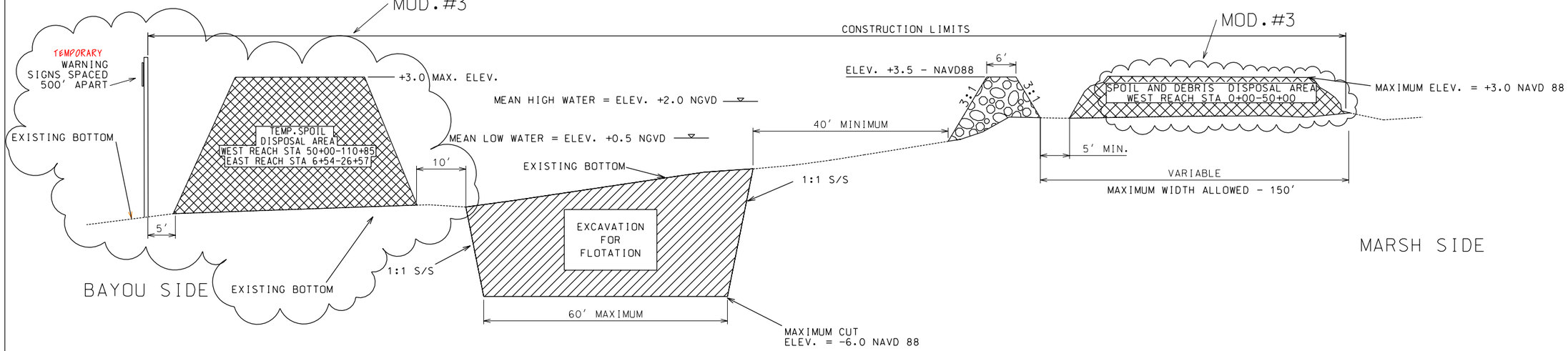


TYPICAL ACCESS CHANNEL EXCAVATION
PERPENDICULAR TO SHORELINE

MOD. #5

NOTES:
1. ACCESS CHANNEL SPOIL SHALL BE PULLED BACK INTO THE ACCESS CHANNEL PRIOR TO FINAL INSPECTION
2. NO ACCESS CHANNEL EXCAVATION WILL BE ALLOWED FOR WEST REACH STA 113+35 TO 131+34

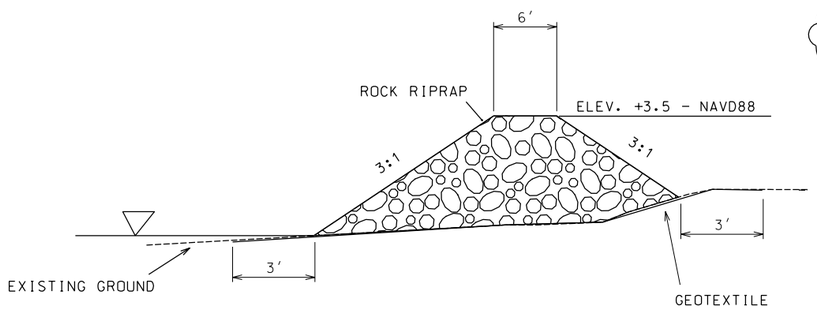
MOD. #3



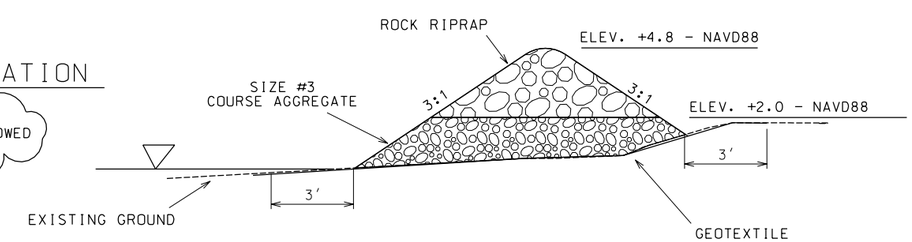
TYPICAL ACCESS CHANNEL EXCAVATION
SHORELINE SEGMENT

(NO ACCESS CHANNEL EXCAVATION WILL BE ALLOWED FOR WEST REACH STA 113+35 TO 131+34)

MOD. #5



TYPICAL GEOTEXTILE AND ROCK PLACEMENT



TYPICAL GEOTEXTILE AND ROCK PLACEMENT
WEST REACH - STA.86+35 TO 86+65
WEST REACH - STA.96+30 TO 96+60

"AS-BUILT"

NOT TO SCALE

		Date
Designed	C.LAFLEUR	03/01
Drawn	D.J. WILMORE	03/01
Traced		
Checked	J. CHUA	05/01

Approved by E.J. GIERING III 06/02
Title STATE CONSERVATION ENGINEER ALEXANDRIA, LA.
Title

TYPICAL SECTIONS
J. DAVIS WETLAND RESTORATION
BA-20 - CONSTRUCTION UNIT 3.
JEFFERSON PARISH, LOUISIANA

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

REVISIONS			
NO.	DATE	APPR.	TITLE
M3	03/03	BAS	
M5	05/03		

CAD FILENAME LA326020M5.DGN
PROJECT NO. LA326
SHEET NO 20M5 OF 21

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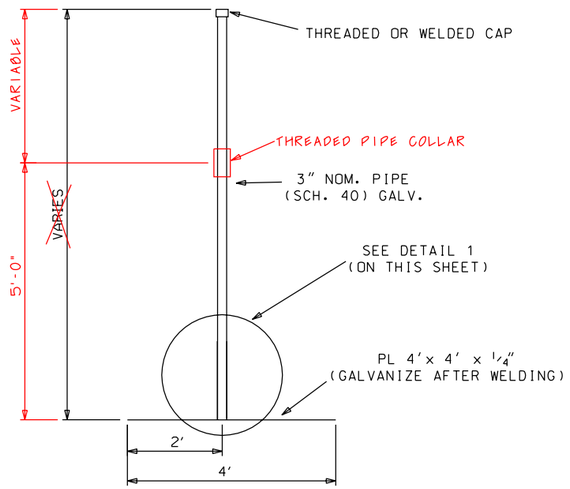
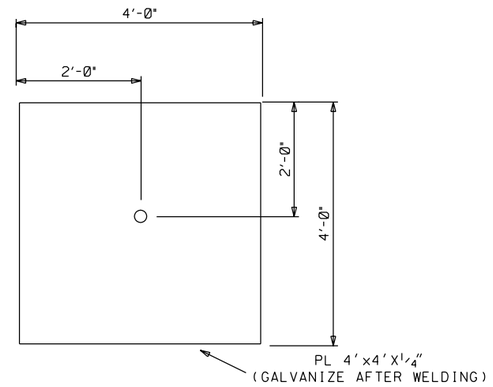
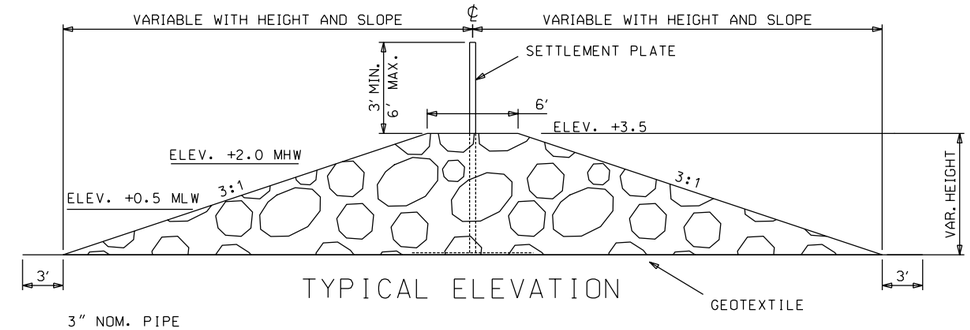
NOTE:
IF THREADED CAP IS USED, COLD GALVINIZE THREADS AFTER INSTALLATION.



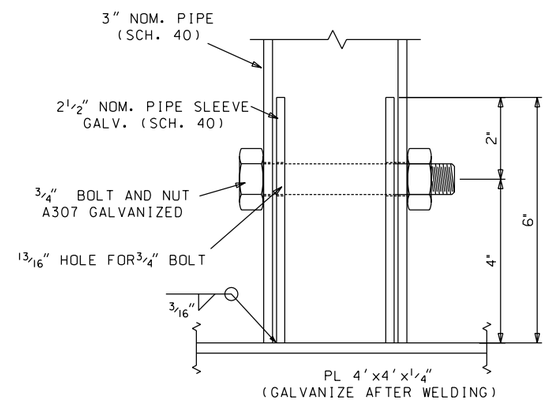
ELEVATION VIEW



PLAN VIEW



TYPICAL ELEVATION

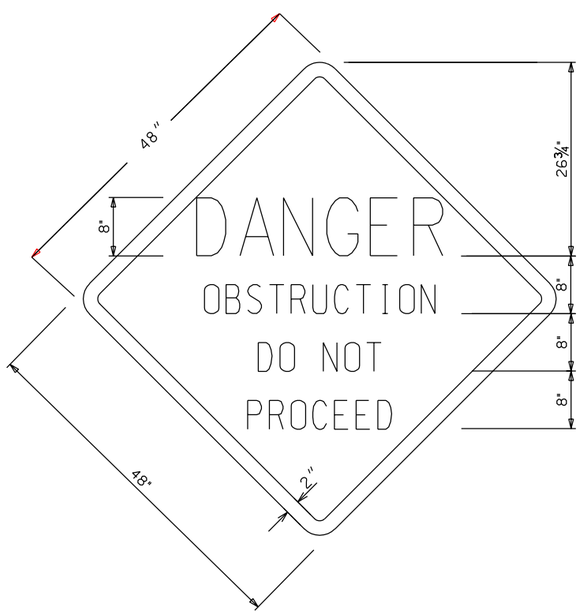


DETAIL 1 - 6" PIPE SLEEVE

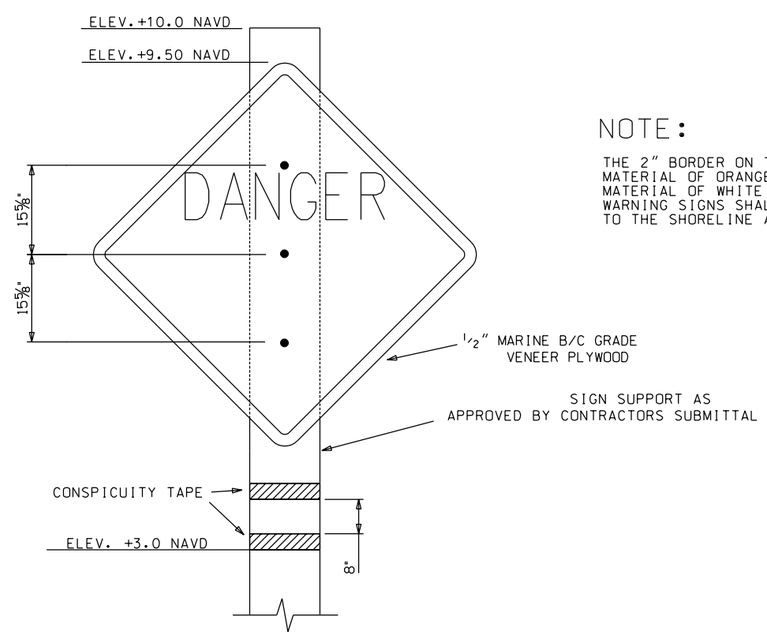
(NOT TO SCALE)

SETTLEMENT PLATE DETAILS

(NOT TO SCALE)



TEMPORARY WARNING SIGN DETAIL



ELEVATION VIEW

NOTE:

THE 2" BORDER ON THE 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 TWO SIDES WITH THE SIGN FACES PERPENDICULAR TO THE SHORELINE AS CONCURRED IN BY THE COTR.

"AS-BUILT"

NOT TO SCALE

		Date
Approved by	E.J. GIERING III	06/02
Title	STATE CONSERVATION ENGINEER ALEXANDRIA, LA.	
Title		

		Date
Designed	C.LAFLEUR	03/01
Drawn	D.J. WILMORE	01/01
Traced		
Checked	J. CHUA	05/01

SETTLEMENT PLATE & WARNING SIGNS
J. DAVIS WETLAND RESTORATION
BA-20-CONSTRUCTION UNIT 3
JEFFERSON PARISH, LOUISIANA

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

NO.	DATE	APPR.	TITLE

REVISIONS

CAD FILENAME
LA326021.DGN

PROJECT NO.
LA326

SHEET NO 21 OF 21

...\AS-BUILT\LA326021.DGN 12/17/2003 9:28:00 AM