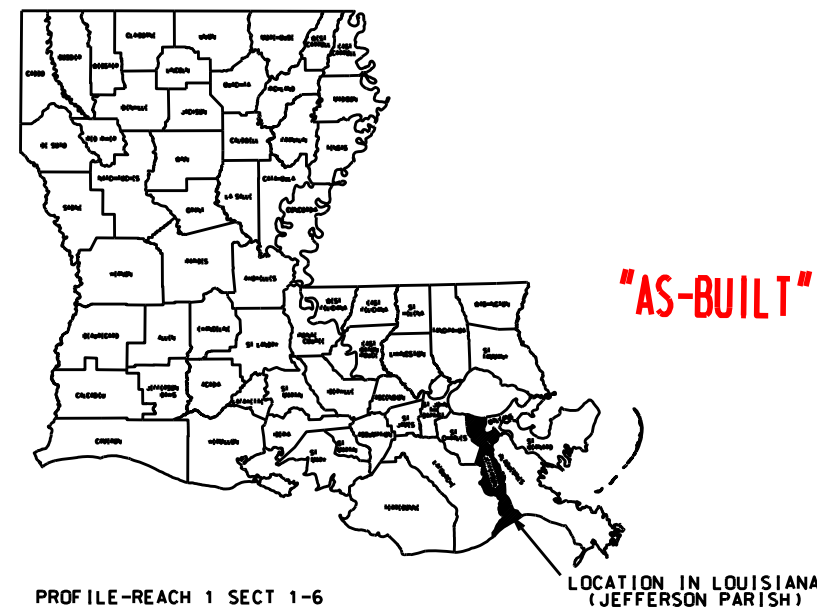


VICINITY MAP



BARATARIA BASIN LANDBRIDGE PROJECT
 CONSTRUCTION UNIT 4 (BA-27 & BA-27c)
 BUILT UNDER THE
 COASTAL WETLANDS
 PLANNING, PROTECTION,
 AND
 RESTORATION ACT
 PUBLIC LAW 101-646
 BY THE
 LOUISIANA
 DEPARTMENT OF NATURAL RESOURCES
 WITH THE ASSISTANCE OF THE
 NATURAL RESOURCES CONSERVATION SERVICE
 OF THE
 UNITED STATES DEPARTMENT OF AGRICULTURE
 2004



LOCATION IN LOUISIANA
(JEFFERSON PARISH)

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MODIFICATION #3

"AS-BUILT PLANS"

SUBMITTED BY: NACKEN BLANCHARD 10/6/09
DATE
 APPROVED BY: ASSISTANT STATE CONSERVATION DATE
ENGINEER
ORADLEY STICKER 2/26/10
STATE CONSERVATION ENGINEER DATE

CONTRACT NO: 50-7217-05-000 DATE 10/6/09
 CONTRACTOR LUMR BRDS. INC.
 INSPECTOR MELVIN E. RODRIGUE
 DATE OF COMPLETION 7/10/09

Designed	C. LAFLEUR	Date	08/03
Drawn	D. J. WILMORE	Approved by	E. J. GIERING III
Traced		Title	STATE CONSERVATION ENGINEER
Checked	B. STICKER		ALEXANDRIA, LA.

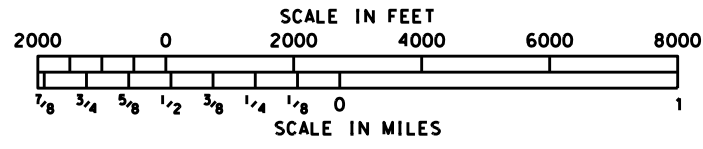
COVER SHEET
 BA-27-BA-27C LANDBRIDGE CU #4
 JEFFERSON PARISH, LA.

NO.	DATE	APPR.	TITLE
M3	10/7/06	B. A. S.	C. E.

CAD FILENAME
 LA336001M3.DGN
 PROJECT NO.
 LA336
 SHEET NO 01M3 OF 54



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



NOTE:
 SEE SHEET 53 FOR SOIL BORING COORDINATES.

LEGEND

- PROPERTY LINE
- PROPERTY OWNER
- CONCRETE WALL
- PIPELINE
- SOIL BORING SITE
- TBM

LANDOWNERS

1. WEBB - MILLING ET AL.
2. RIGOLETTES LIMITED PARTNERSHIP C/O TT&W
3. BURLINGTON RESOURCES - LL&E

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

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

TBM COORDINATES

NAME	NORTHING	EASTING	ELEV.
BA27-SM-02	390436.35	3662195.29	1.44
LB 04	390446.34	3663214.76	4.62
LB 07	389299.46	3650746.73	2.52
LB 10	406192.76	3668722.83	2.76

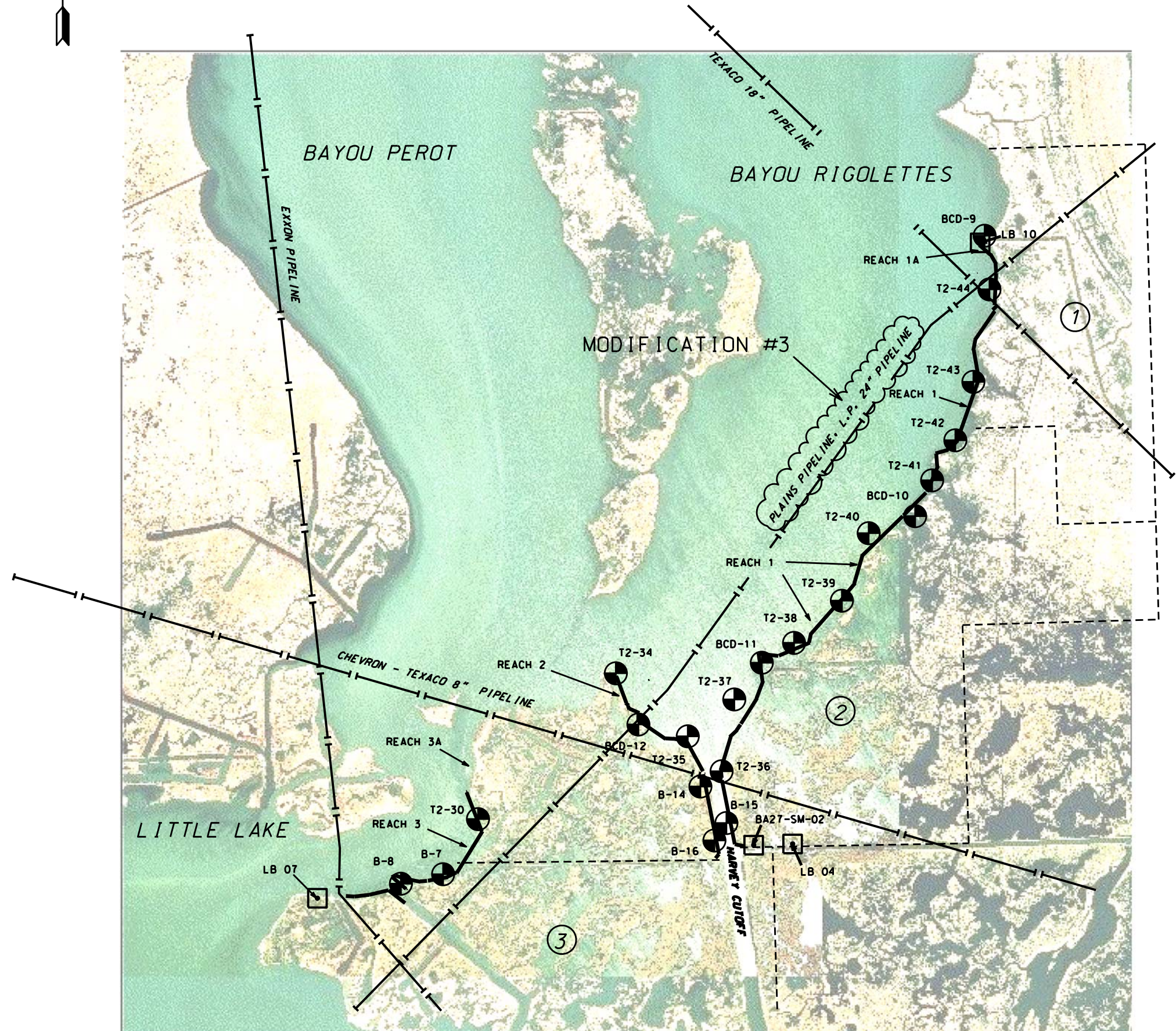
Date	10/02	Approved by	E.J. GERING III
Designed	C. LAFLEUR	Title	STATE CONSERVATION ENGINEER
Drawn	D.J. WILMORE	Title	ALEXANDRIA, LA.
Traced	B. STICKER	Title	
Checked	B. STICKER	Title	

LAND RIGHTS & SITE MAP
BA27-BA27C LANDBRIDGE CU #4
JEFFERSON PARISH, LA.

NO.	DATE	APPR.	TITLE
M3	10/06	B.A.S.	C.E.

CAD FILENAME
 LA336002M3.DGN
 PROJECT NO.
 LA336
 SHEET NO 2M30F 54

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



"AS BUILT"

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

NOTE:
1. SEE SHEETS 41 TO 46 FOR PIPELINE CROSSING DETAILS AND POINT COORDINATES.
2. BOTTOM ELEVATION OF THE BAYOU IS HIGHER THAN (-5.5).

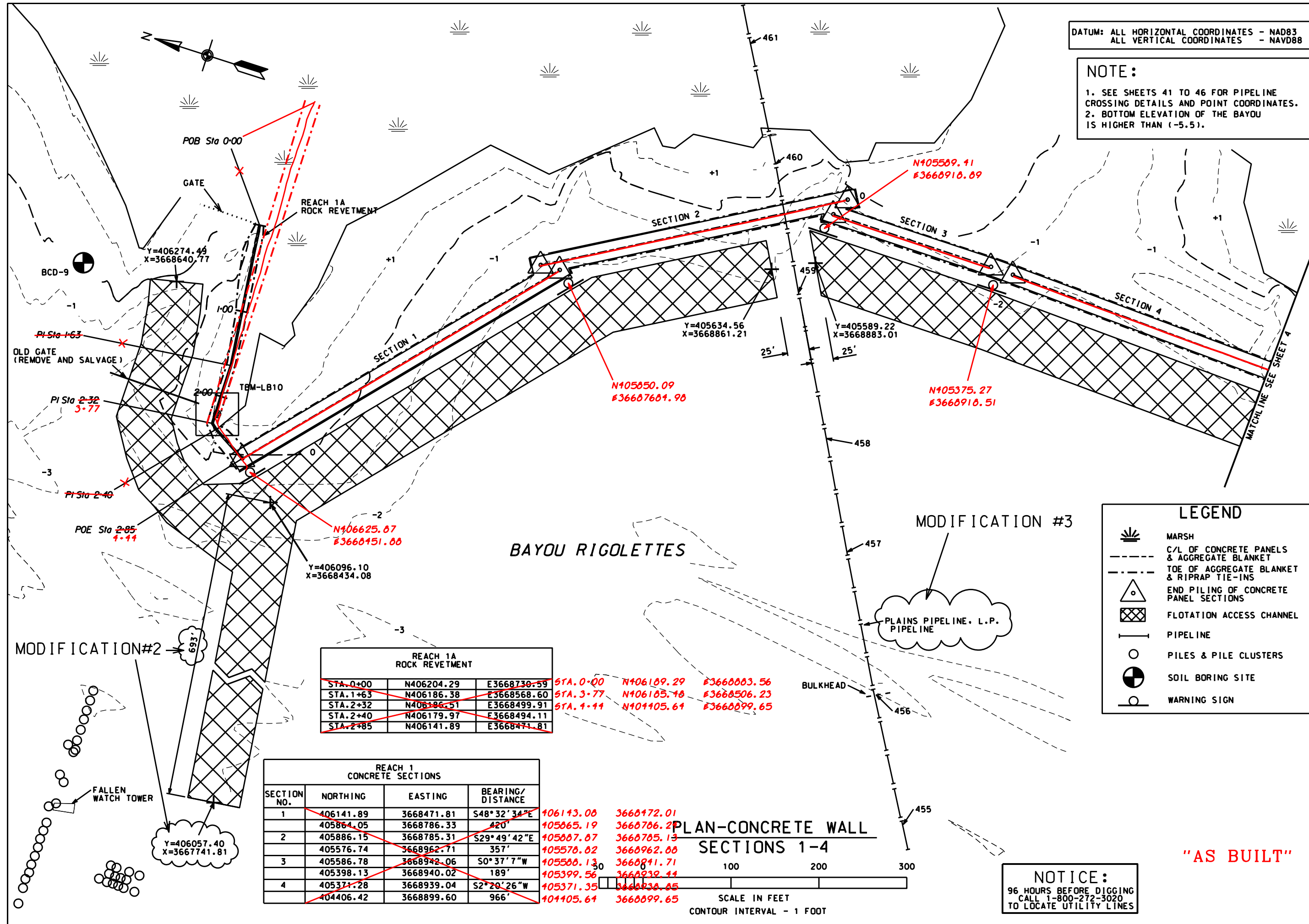
Date	06/03
Approved by	E.J. GIERING III
Designed	C. LAFLEUR
Drawn	D. WILLMORE-P. COLE
Traced	B. STICKER
Checked	B. STICKER
Title	STATE CONSERVATION ENGINEER ALEXANDRIA, LA.

**PLAN-REACH 1 SECTIONS 1-4
BA-27-BA-27C LANDBRIDGE CU #4
JEFFERSON PARISH, LA.**

NO.	DATE	APPR.	TITLE
M1	03/05	B.A.S.	A.S.C.E.
M2	07/05	B.A.S.	A.S.C.E.
M3	09/06	B.A.S.	A.S.C.E.

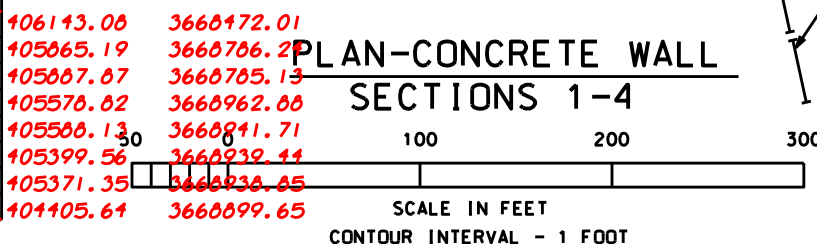
CAD FILENAME
LA336003M3.DGN
PROJECT NO.
LA336
SHEET NO 03M3 OF 54

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



STA. 0+00	N406204.29	E3668730.59	STA. 0+00	N406189.29	E3668883.56
STA. 1+63	N406186.38	E3668568.60	STA. 3+77	N406185.48	E3668506.23
STA. 2+32	N406186.51	E3668499.91	STA. 4+44	N404405.64	E3668899.65
STA. 2+40	N406179.97	E3668494.11			
STA. 2+85	N406141.89	E3668471.81			

SECTION NO.	NORTHING	EASTING	BEARING/DISTANCE
1	406141.89	3668471.81	S48°32'34"E 420'
2	405886.15	3668785.31	S29°49'42"E 357'
3	405586.78	3668942.06	S0°37'7"W 189'
4	405371.28	3668939.04	S2°20'26"W 966'

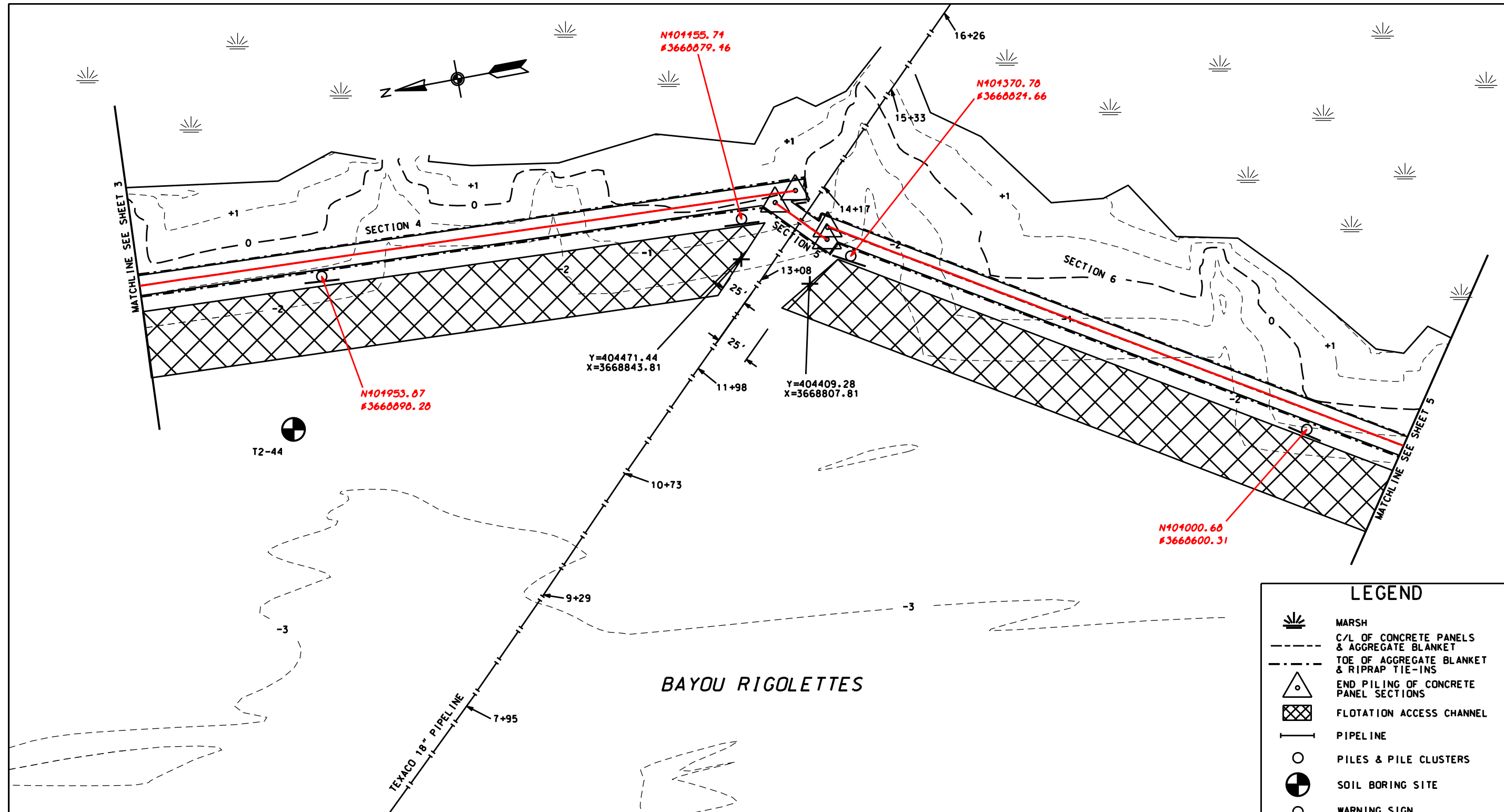


LEGEND

- MARSH
- C/L OF CONCRETE PANELS & AGGREGATE BLANKET
- TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
- END PILING OF CONCRETE PANEL SECTIONS
- FLOTATION ACCESS CHANNEL
- PIPELINE
- PILES & PILE CLUSTERS
- SOIL BORING SITE
- WARNING SIGN

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

"AS BUILT"

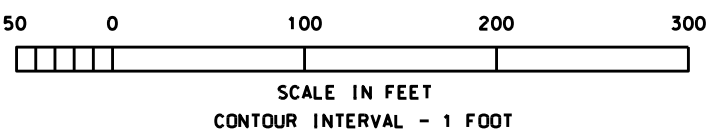


DATUM: ALL HORIZONTAL COORDINATES - NAD83
ALL VERTICAL COORDINATES - NAVD88

REACH 1 CONCRETE SECTIONS			
SECTION NO.	NORTHING	EASTING	BEARING/DISTANCE
4	405371.28	3668939.04	S2°20'26"W
	404406.42	3668899.60	966'
5	404427.99	3668891.55	S45°56'53"W
	404384.41	3668846.51	63'
6	404381.53	3668857.79	S31°23'58"W
	403575.00	3668365.62	945'

NOTE:
1. SEE SHEETS 41 TO 46 FOR PIPELINE CROSSING DETAILS AND POINT COORDINATES.

PLAN-CONCRETE WALL SECTIONS 4-6



AMENDMENT#7 - REDUCE BERM WIDTH TO 15'

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

LEGEND

- MARSH
- C/L OF CONCRETE PANELS & AGGREGATE BLANKET
- TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
- END PILING OF CONCRETE PANEL SECTIONS
- FLOTATION ACCESS CHANNEL
- PIPELINE
- PILES & PILE CLUSTERS
- SOIL BORING SITE
- WARNING SIGN

~~405371.35 3668938.85~~
~~404405.64 3668899.65~~
~~404426.93 3668890.88~~
~~404383.58 3668815.81~~
~~404380.38 3668858.81~~
~~403574.87 3668366.81~~

AMENDMENT#7

DESIGNED	C. LAFLEUR	DATE	06/03
DRAWN	D. WILLMORE-P. COLE	DATE	06/03
TRACED	B. STICKER	DATE	04/04
CHECKED		DATE	
APPROVED BY	E.J. GIERING III	TITLE	STATE CONSERVATION ENGINEER - ALEXANDRIA, LA.

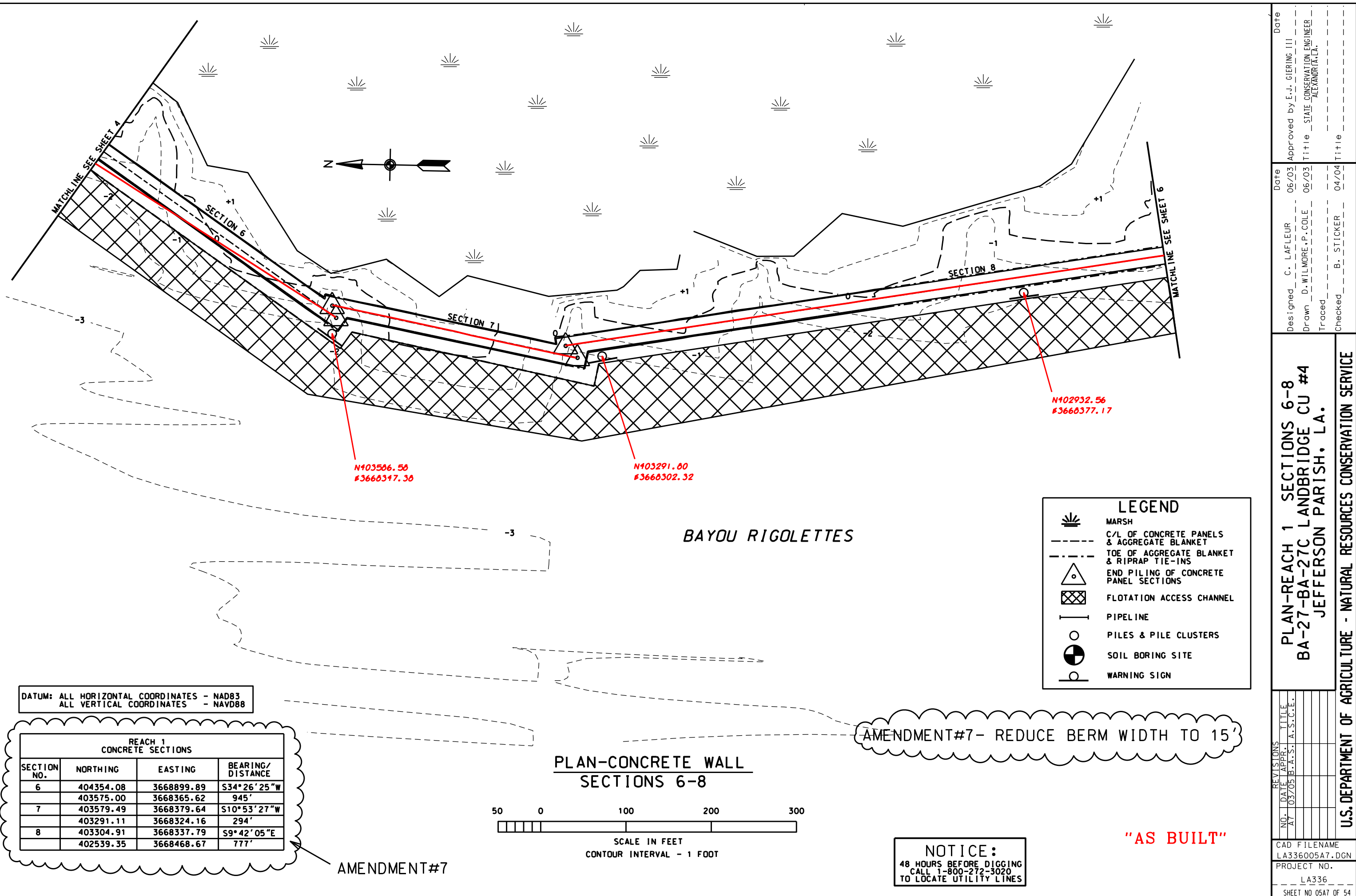
PLAN-REACH 1 - SECTIONS 4-6
BA-27 -BA-27C LANDBRIDGE CU #4
JEFFERSON PARISH, LA.

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

NO.	DATE	APPR.	TITLE
1	03/05	B.A.S.	A.S.C.E.

CAD FILENAME: LA336004A7.DGN
PROJECT NO.: LA336
SHEET NO. 04A7 OF 54

"AS BUILT"

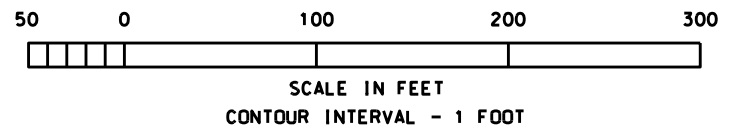


DATUM: ALL HORIZONTAL COORDINATES - NAD83
 ALL VERTICAL COORDINATES - NAVD88

REACH 1 CONCRETE SECTIONS			
SECTION NO.	NORTHING	EASTING	BEARING/ DISTANCE
6	404354.08	3668899.89	S34°26'25"W
	403575.00	3668365.62	945'
7	403579.49	3668379.64	S10°53'27"W
	403291.11	3668324.16	294'
8	403304.91	3668337.79	S9°42'05"E
	402539.35	3668468.67	777'

AMENDMENT#7

PLAN-CONCRETE WALL
 SECTIONS 6-8



AMENDMENT#7- REDUCE BERM WIDTH TO 15'

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

"AS BUILT"

LEGEND

- MARSH
- C/L OF CONCRETE PANELS & AGGREGATE BLANKET
- TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
- END PILING OF CONCRETE PANEL SECTIONS
- FLOTATION ACCESS CHANNEL
- PIPELINE
- PILES & PILE CLUSTERS
- SOIL BORING SITE
- WARNING SIGN

**PLAN-REACH 1 SECTIONS 6-8
 BA-27-BA-27C LANDBRIDGE CU #4
 JEFFERSON PARISH, LA.**

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

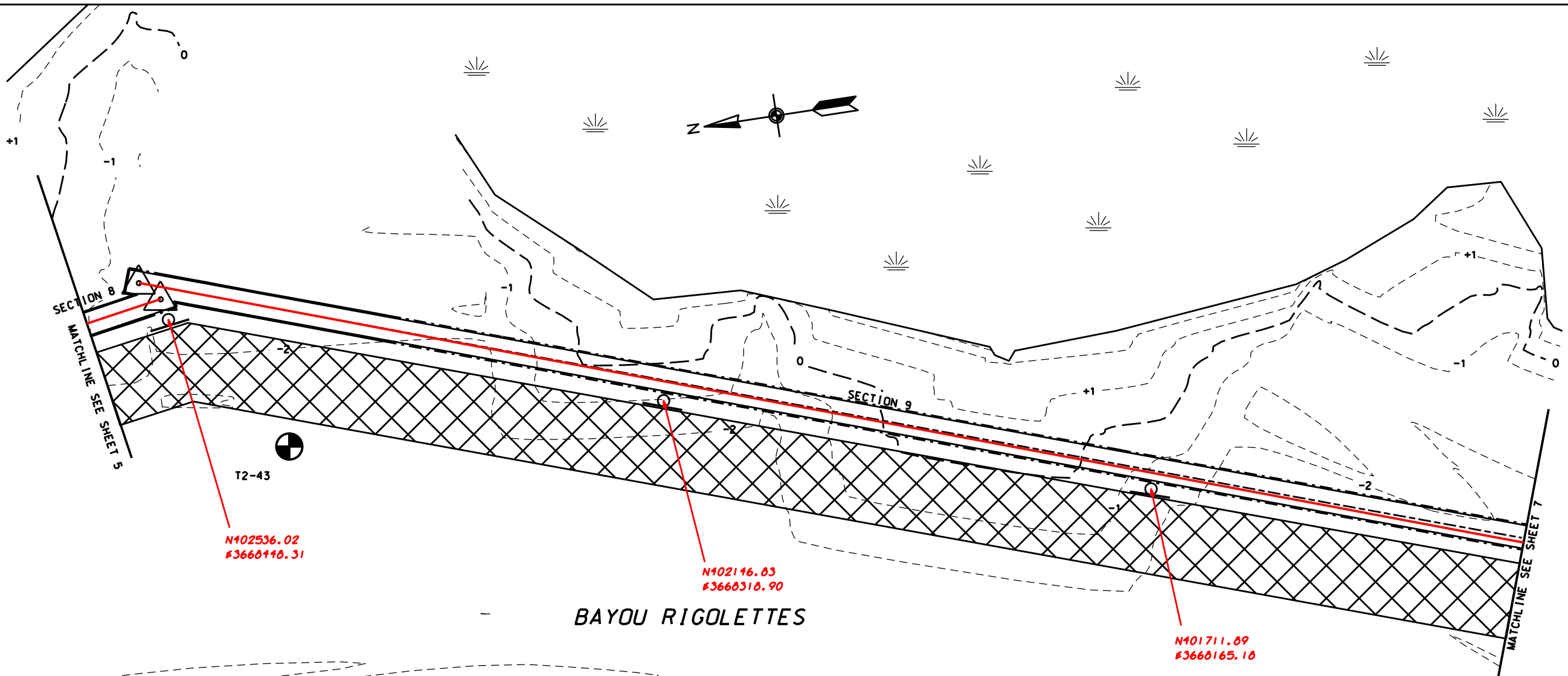
NO.	DATE	APPR.	TITLE
1	10/3/05	B.A.S.	A.S.C.E.

DESIGNED: C. LAFLEUR
 DRAWN: D. WILLMORE-P. COLE
 TRACED: B. STICKER

APPROVED BY: E.J. GIERING III
 TITLE: STATE CONSERVATION ENGINEER
 ALEXANDRIA, LA.

DATE: 06/03
 DATE: 06/03
 DATE: 04/04

CAD FILENAME: LA336005A7.DGN
 PROJECT NO.: LA336
 SHEET NO. 05A7 OF 54



BAYOU RIGOLETTES

LEGEND	
	MARSH
	C/L OF CONCRETE PANELS & AGGREGATE BLANKET
	TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
	END PILING OF CONCRETE PANEL SECTIONS
	FLOTATION ACCESS CHANNEL
	PIPELINE
	PILES & PILE CLUSTERS
	SOIL BORING SITE
	WARNING SIGN

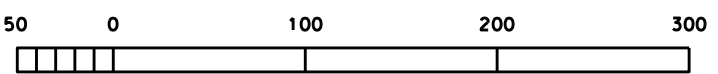
DATUM: ALL HORIZONTAL COORDINATES - NAD83
ALL VERTICAL COORDINATES - NAVD88

AMENDMENT#7

AMENDMENT#7 - REDUCE BERM WIDTH TO 15'

REACH 1 CONCRETE SECTIONS			
SECTION NO.	NORTHING	EASTING	BEARING/DISTANCE
8	403304.91	3668337.79	S9°42'05"E
	402539.35	3668468.67	777'
9	402555.50	3668485.40	S19°21'60"W
	400812.23	3667873.15	1848'

PLAN-CONCRETE WALL SECTIONS 8-9



SCALE IN FEET
CONTOUR INTERVAL - 1 FOOT

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

"AS BUILT"

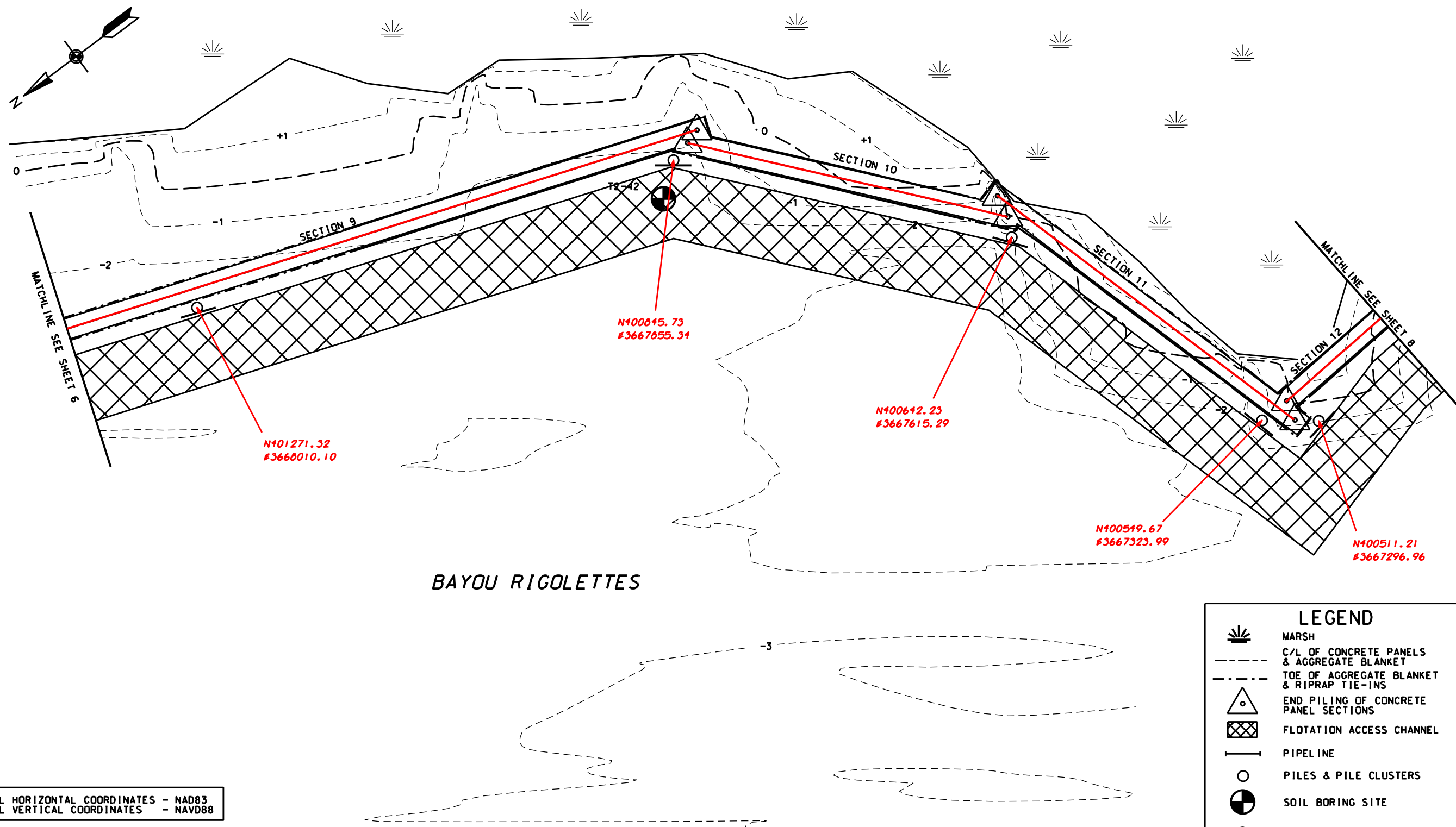
DESIGNED	C. LAFLEUR	DATE	06/03
DRAWN	D. WILLMORE-P. COLE	DATE	06/03
TRACED	B. STICKER	DATE	04/04
CHECKED		DATE	
APPROVED BY E.J. GIERING III		DATE	
TITLE STATE CONSERVATION ENGINEER		TITLE	
ALEXANDRIA, LA.			

PLAN-REACH 1 SECTIONS 8-9
BA-27 - BA-27C LANDBRIDGE CU #4
JEFFERSON PARISH, LA.

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

NO.	DATE	APPR.	TITLE
A7	03/05	B.A.S.	A.S.C.E.

CAD FILENAME
LA336006A7.DGN
PROJECT NO.
LA336
SHEET NO 06A7 OF 54



BAYOU RIGOLETTES

LEGEND

- MARSH
- C/L OF CONCRETE PANELS & AGGREGATE BLANKET
- TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
- END PILING OF CONCRETE PANEL SECTIONS
- FLOTATION ACCESS CHANNEL
- PIPELINE
- PILES & PILE CLUSTERS
- SOIL BORING SITE
- WARNING SIGN

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

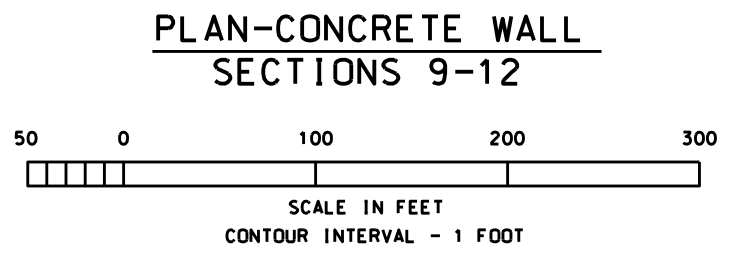
AMENDMENT#7

AMENDMENT#7- REDUCE BERM WIDTH TO 15'

REACH 1
CONCRETE SECTIONS

SECTION NO.	NORTHING	EASTING	BEARING/DISTANCE
9	402555.50	3668485.40	S19°21'06"W
	400812.23	3667873.15	1848'
10	400826.55	3667868.72	S49°51'54"W
	400623.72	3667628.15	315'
11	400619.44	3667649.88	S73°53'36"W
	400520.49	3667307.22	357'
12	400515.81	3667326.41	S4°30'45"E
	400160.25	3667354.47	357'

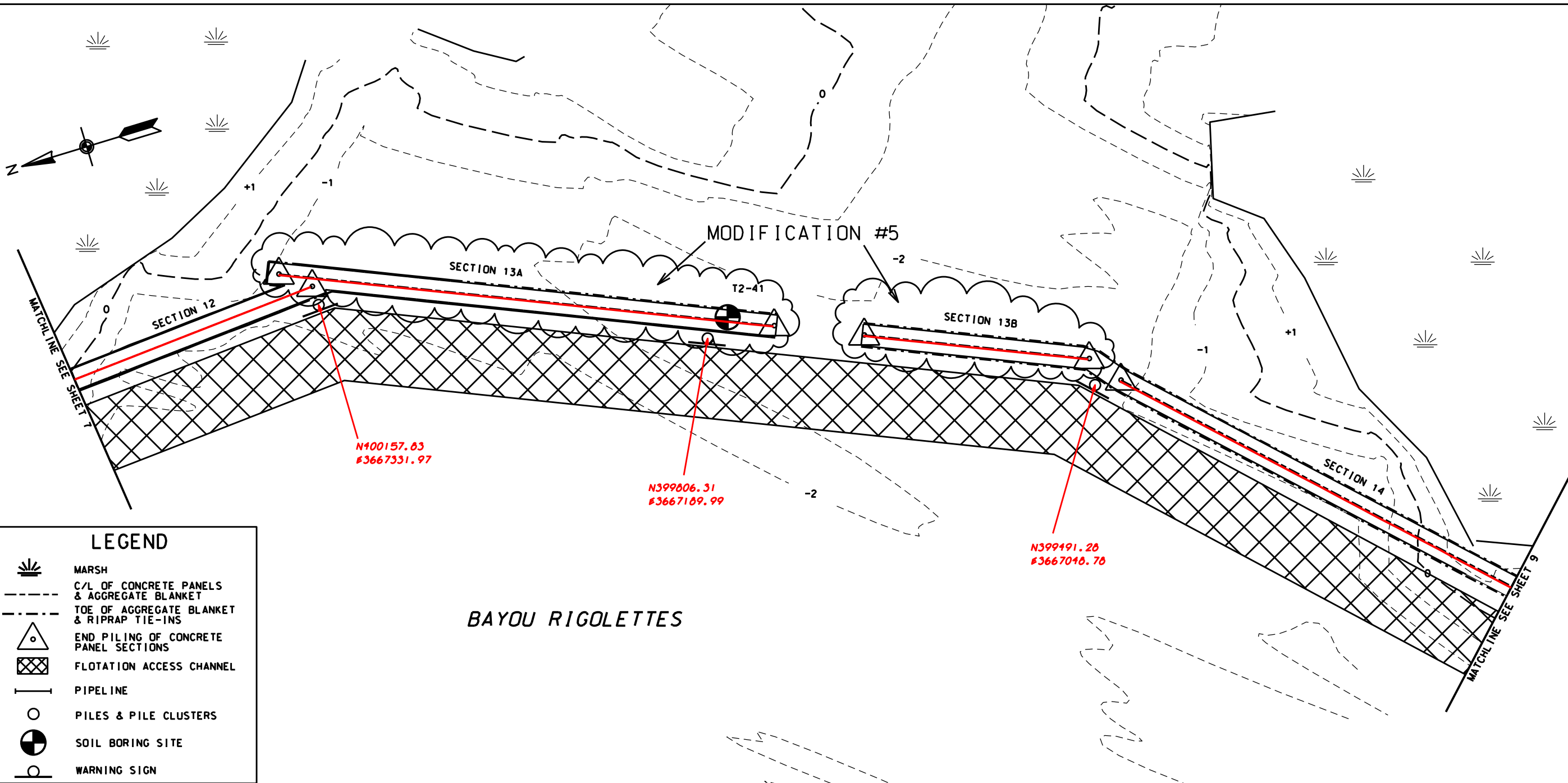
100517.10 3667326.02
100161.61 3667354.32



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

"AS BUILT"

Date Approved by E.J. GIERING III Title STATE CONSERVATION ENGINEER ALEXANDRIA, LA.	Date 06/03 Designed C. LAFLEUR Drawn D. WILLMORE-P. COLE Traced Checked B. STICKER Title	PLAN-REACH 1 - SECTIONS 9-12 BA-27-BA-27C LANDBRIDGE CU #4 JEFFERSON PARISH, LA.
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE		
REVISIONS NO. DATE APPR. TITLE A7 10/3/05 B.A.S. A.S.C.E.	CAD FILENAME LA336007A7.DGN PROJECT NO. LA336 SHEET NO 07A7 OF 54	



LEGEND

- MARSH
- C/L OF CONCRETE PANELS & AGGREGATE BLANKET
- TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
- END PILING OF CONCRETE PANEL SECTIONS
- FLOTATION ACCESS CHANNEL
- PIPELINE
- PILES & PILE CLUSTERS
- SOIL BORING SITE
- WARNING SIGN

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

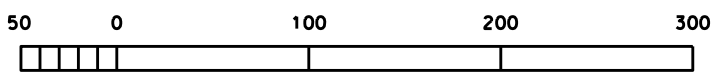
REACH 1 CONCRETE SECTIONS

SECTION NO.	NORTHING	EASTING	BEARING/DISTANCE
12	400515.81	3667326.41	S4°30'45"E
	400160.25	3667354.47	357'
13A	400186.26	3667374.42	S22°49'11"W
	399760.30	3667195.23	462'
13B	399682.88	3667182.65	S22°49'11"W
	399489.74	3667081.35	210'
14	399467.07	3667053.49	S44°42'14"W
	398855.35	3666448.05	861'

MODIFICATION #5

400517.10 3667326.02
400161.61 3667354.32
400186.90 3667373.65
399761.22 3667194.73
399683.94 3667162.16
399490.67 3667080.77
399460.55 3667052.01
398856.00 3666447.70

PLAN-CONCRETE WALL SECTIONS 12-14



SCALE IN FEET
CONTOUR INTERVAL - 1 FOOT

AMENDMENT#7- REDUCE BERM WIDTH TO 15'

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

"AS BUILT"

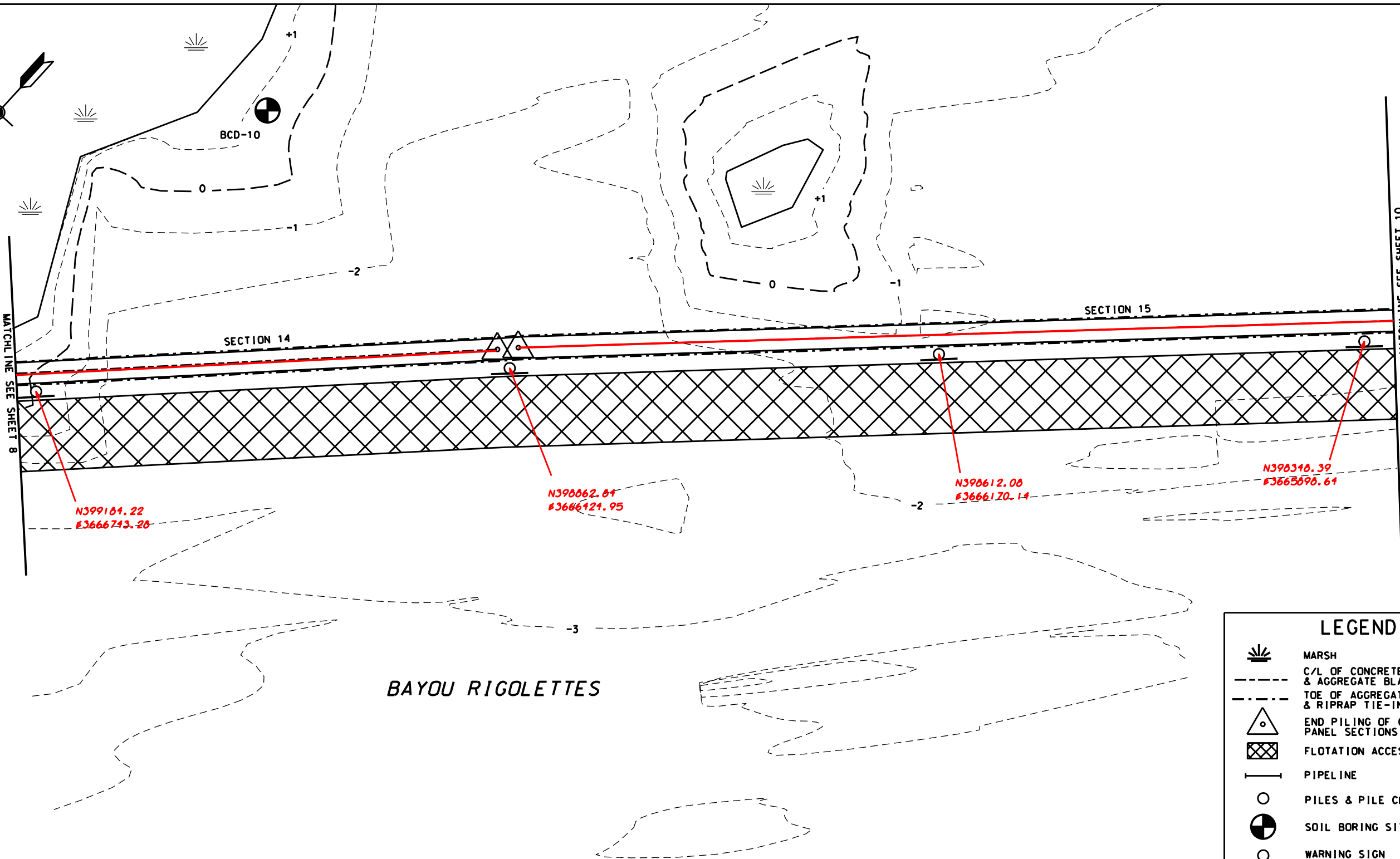
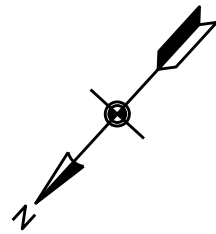
DESIGNED	C. LAFLEUR	DATE	06/03
DRAWN	D. WILLMORE-P. COLE	DATE	06/03
TRACED	B. STICKER	DATE	04/04
CHECKED		DATE	
APPROVED BY	E.J. GIERING III	DATE	
TITLE	STATE CONSERVATION ENGINEER - ALEXANDRIA, LA.		

**PLAN-REACH 1 - SECTIONS 12-14
BA-27-BA-27C LANDBRIDGE CU #4
JEFFERSON PARISH, L.A.**

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

NO.	DATE	APPR.	TITLE
AT	03/05	B.A.S.	A.S.C.E.
M5	12/07	B.A.S.	A.S.C.E.

CAD FILENAME
LA336008M5.DGN
PROJECT NO.
LA336
SHEET NO 08M5 OF 54



BAYOU RIGOLETTES

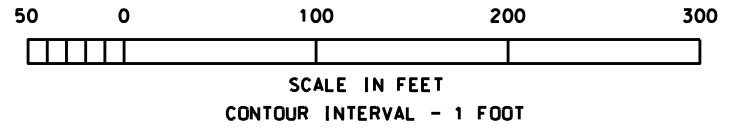
LEGEND	
	MARSH
	C/L OF CONCRETE PANELS & AGGREGATE BLANKET
	TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
	END PILING OF CONCRETE PANEL SECTIONS
	FLOTATION ACCESS CHANNEL
	PIPELINE
	PILES & PILE CLUSTERS
	SOIL BORING SITE
	WARNING SIGN

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

AMENDMENT#7

AMENDMENT#7 - REDUCE BERM WIDTH TO 15'

PLAN-CONCRETE WALL
SECTIONS 14-15



REACH 1 CONCRETE SECTIONS			
SECTION NO.	NORTHING	EASTING	BEARING/ DISTANCE
14	399467.07	3667053.49	S44°42'14"W
	398855.35	3666448.05	861'
15	398840.76	3666434.48	S45°49'03"W
	397744.46	3665306.45	1573'

399460.55 3667052.01
398856.00 3666447.70

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

"AS BUILT"

Date	Approved by	Title
06/03	E.J. GIERING III	STATE CONSERVATION ENGINEER
06/03	D. WILLMORE-P. COLE	ALEXANDRIA, LA.
04/04	B. STICKER	

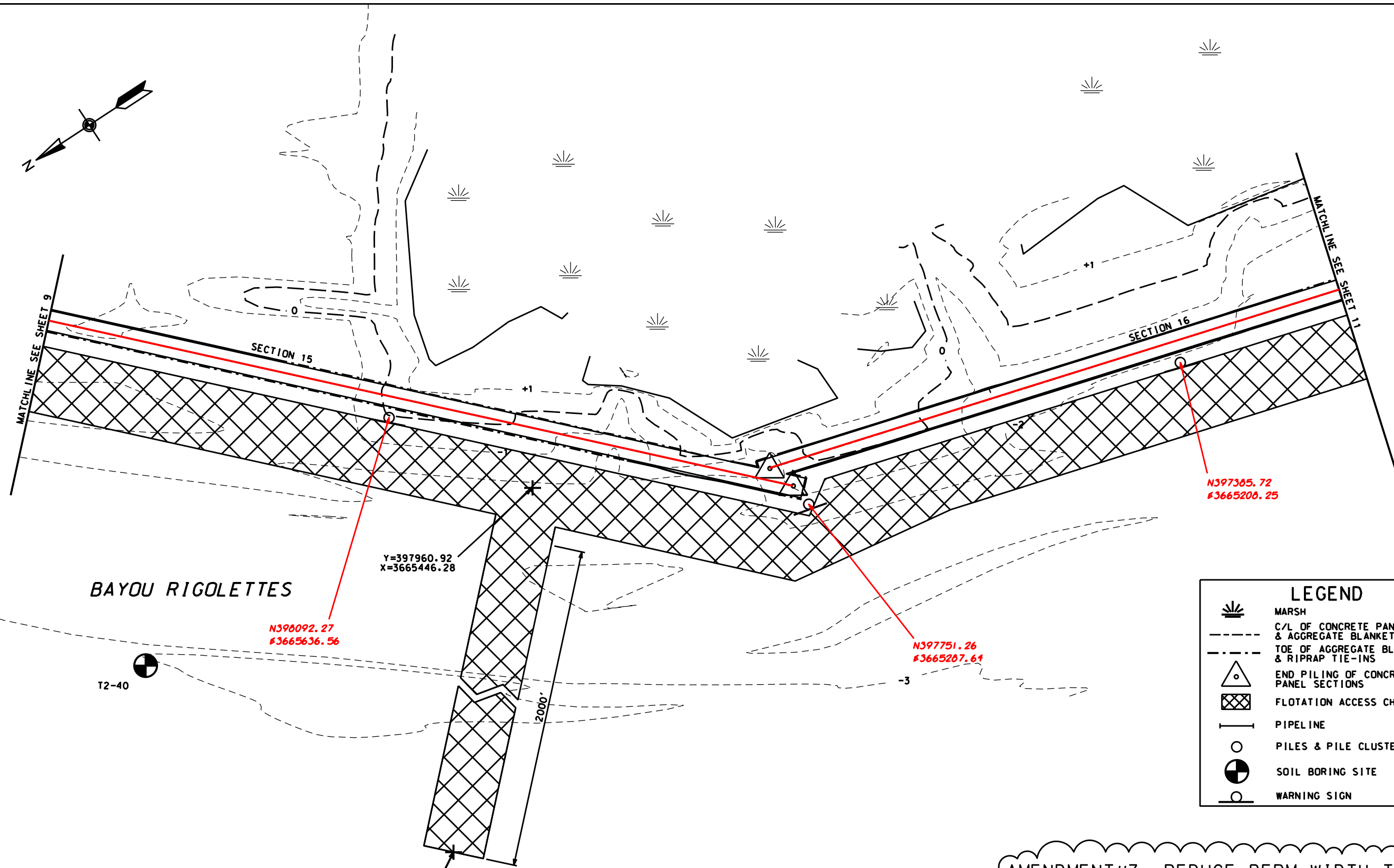
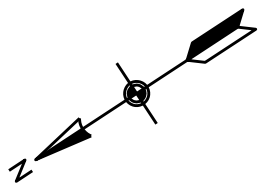
DESIGNED BY C. LAFLEUR
DRAWN BY D. WILLMORE-P. COLE
TRACED BY B. STICKER
CHECKED BY B. STICKER

PLAN-REACH 1 - SECTIONS 14-15
BA-27-BA-27C LANDBRIDGE CU #4
JEFFERSON PARISH, LA.

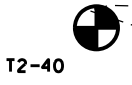
NO.	DATE	APPR.	TITLE
1	03/05	B.A.S.	A.S.C.E.

CAD FILENAME
LA336009A7.DGN
PROJECT NO.
LA336
SHEET NO 09A7 OF 54

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



BAYOU RIGOLETTES



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X=3665446.28

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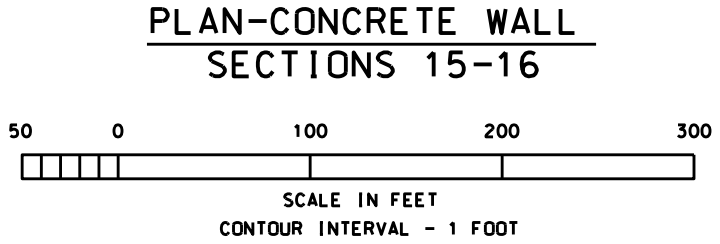
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Y=399629.06
X=3664263.26

LEGEND	
	MARSH
	C/L OF CONCRETE PANELS & AGGREGATE BLANKET
	TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
	END PILING OF CONCRETE PANEL SECTIONS
	FLOTATION ACCESS CHANNEL
	PIPELINE
	PILES & PILE CLUSTERS
	SOIL BORING SITE
	WARNING SIGN

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

REACH 1 CONCRETE SECTIONS			
SECTION NO.	NORTHING	EASTING	BEARING/ DISTANCE
15	398840.76	3666434.48	S45°49'03"W
	397744.46	3665306.45	1573'
16	397754.33	3665333.66	S15°52'46"W
	397029.11	3665127.35	754'



AMENDMENT#7- REDUCE BERM WIDTH TO 15'

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

"AS BUILT"

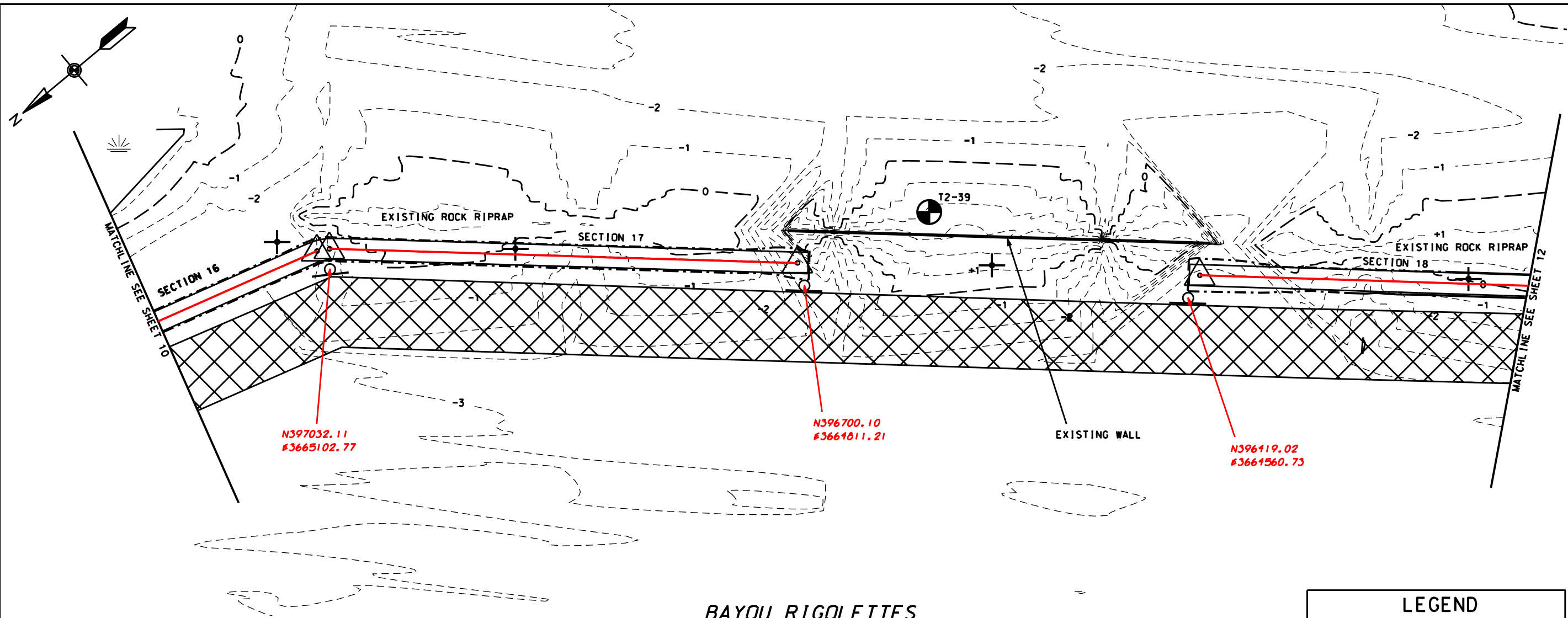
Date	Approved by	Title
06/03	E.J. GIERING III	STATE CONSERVATION ENGINEER
06/03	C. LAFLEUR	ALEXANDRIA, LA.
06/03	D. WILLMORE-P. COLE	Traced
04/04	B. STICKER	Checked

PLAN-REACH 1 - SECTIONS 15-16
BA-27 -BA-27C LANDBRIDGE CU #4
JEFFERSON PARISH, LA.

NO.	DATE	APPR.	TITLE
AT	03/05	B.A.S.	A.S.C.E.

CAD FILENAME
LA336010A7.DGN
PROJECT NO.
LA336
SHEET NO 10A7 OF 54

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



BAYOU RIGOLETTES

LEGEND

- MARSH
- C/L OF CONCRETE PANELS & AGGREGATE BLANKET
- TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
- END PILING OF CONCRETE PANEL SECTIONS
- FLOTATION ACCESS CHANNEL
- PIPELINE
- PILES & PILE CLUSTERS
- SOIL BORING SITE
- WARNING SIGN

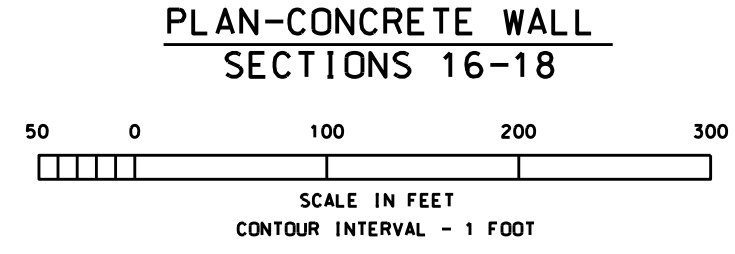
- EXISTING PILE W/ WARNING SIGN TO BE REMOVED AND REUSED BY THE CONTRACTOR

NOTE:
PRIOR TO PLACEMENT OF PILES & PANELS FOR REACH 1 SECTIONS 17 & 18, THE ALIGNMENT OF THE WALL SHALL BE CHECKED IN IT'S ENTIRETY FOR ROCK RIPRAP. IF ANY RIPRAP IS ENCOUNTERED, IT SHALL BE REMOVED TO AN ELEVATION OF -2.5 AND PLACED ON THE MARSH SIDE OF THE WALL.

NOTE:
AGGREGATE BLANKET SHALL TIE-IN WITH EXISTING AGGREGATE AT THE EXISTING WALL

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

REACH 1 CONCRETE SECTIONS			
SECTION NO.	NORTHING	EASTING	BEARING/DISTANCE
16	397754.33	3665333.66	S15°52'46"W
	397029.11	3665127.35	754'
17	397018.72	3665121.48	S41°30'20"W
	396687.71	3664828.57	442'
18	396403.45	3664576.42	S41°38'08"W
	395538.73	3663807.72	1157'

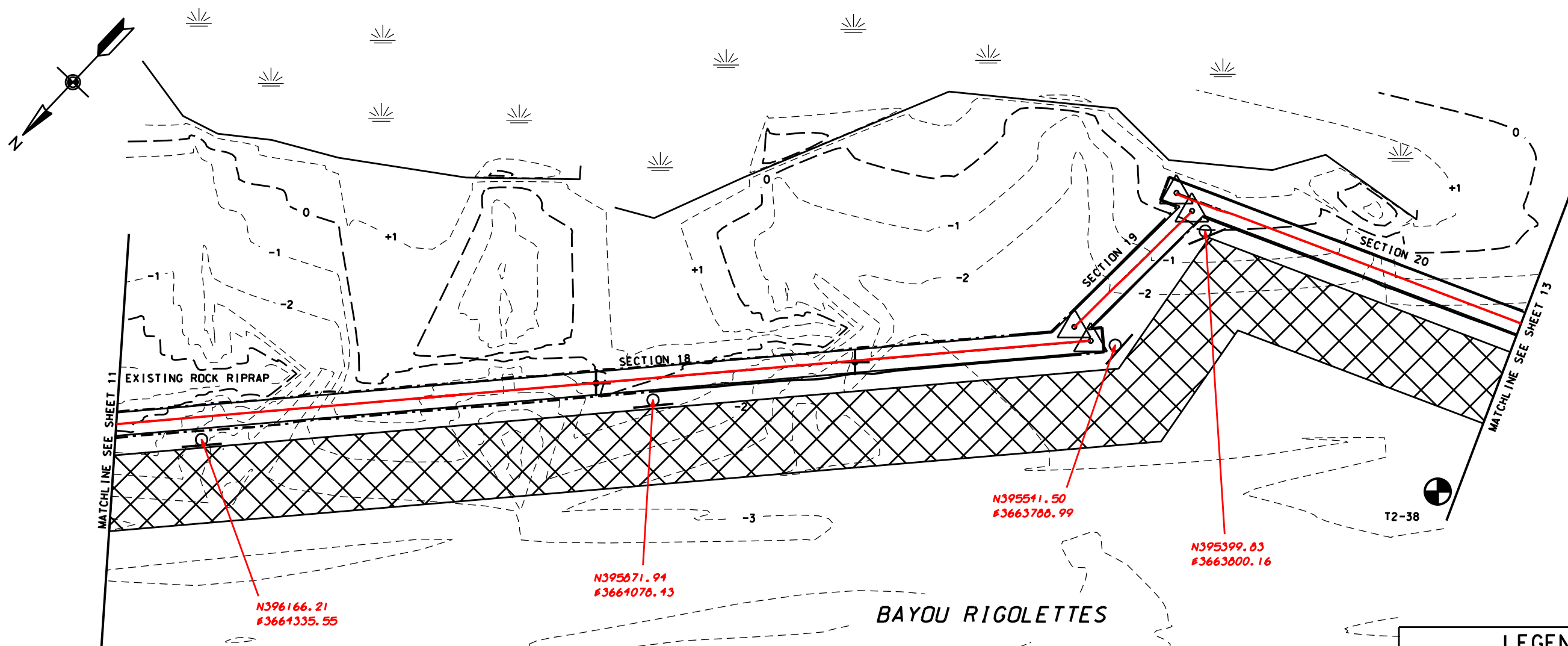


AMENDMENT#7- REDUCE BERM WIDTH TO 15'

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

"AS BUILT"

REVISIONS NO. DATE APPR. TITLE AT 03/05 B.A.S. A.S.C.E.	Date Approved by E.J. GIERING III Title STATE CONSERVATION ENGINEER ALEXANDRIA, LA.	Date 06/03 06/03	Date 04/04
Designed C. LAFLEUR Drawn D. WILLMORE-P. COLE Traced Checked B. STICKER	Title PLAN-REACH 1 - SECTIONS 16-18 BA-27-BA-27C LANDBRIDGE CU #4 JEFFERSON PARISH, L.A.	Title U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE	Title U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE
CAD FILENAME LA336011A7.DGN PROJECT NO. LA336 SHEET NO 11A7 OF 54			



EXISTING ROCK RIPRAP

SECTION 18

SECTION 19

SECTION 20

BAYOU RIGOLETTES

T2-38

LEGEND

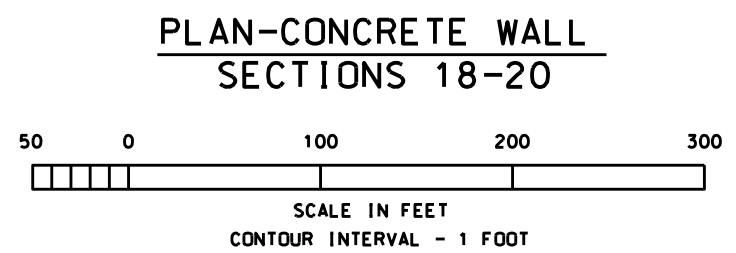
- MARSH
- C/L OF CONCRETE PANELS & AGGREGATE BLANKET
- TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
- END PILING OF CONCRETE PANEL SECTIONS
- FLOTATION ACCESS CHANNEL
- PIPELINE
- PILES & PILE CLUSTERS
- SOIL BORING SITE
- WARNING SIGN

NOTE:
 PRIOR TO PLACEMENT OF PILES & PANELS FOR REACH 1 SECTIONS 17 & 18 .
 THE ALIGNMENT OF THE WALL SHALL BE CHECKED IN IT'S ENTIRETY FOR
 ROCK RIPRAP. IF ANY RIPRAP IS ENCOUNTERED, IT SHALL BE REMOVED TO
 AN ELEVATION OF -2.5 AND PLACED ON THE MARSH SIDE OF THE WALL.

- EXISTING PILE W/ WARNING SIGN
 TO BE REMOVED AND REUSED BY THE CONTRACTOR

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

REACH 1 CONCRETE SECTIONS			
SECTION NO.	NORTHING	EASTING	BEARING/ DISTANCE
18	396403.45	3664576.42	S41°38'08"W
	395538.73	3663807.72	1157'
19	395539.75	3663826.38	S01°59'32"W
	395396.83	3663821.41	143'
20	395394.72	3663842.02	S67°16'38"W
	395083.39	3663098.58	806'



AMENDMENT#7- REDUCE BERM WIDTH TO 15'

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

"AS BUILT"

DESIGNED	C. LAFLEUR	DATE	06/03
DRAWN	D. WILLMORE-P. COLE	DATE	06/03
TRACED	B. STICKER	DATE	04/04
CHECKED	B. STICKER	DATE	04/04
APPROVED BY	E.J. GIERING III	DATE	06/03
TITLE	STATE CONSERVATION ENGINEER	TITLE	ALEXANDRIA, LA.

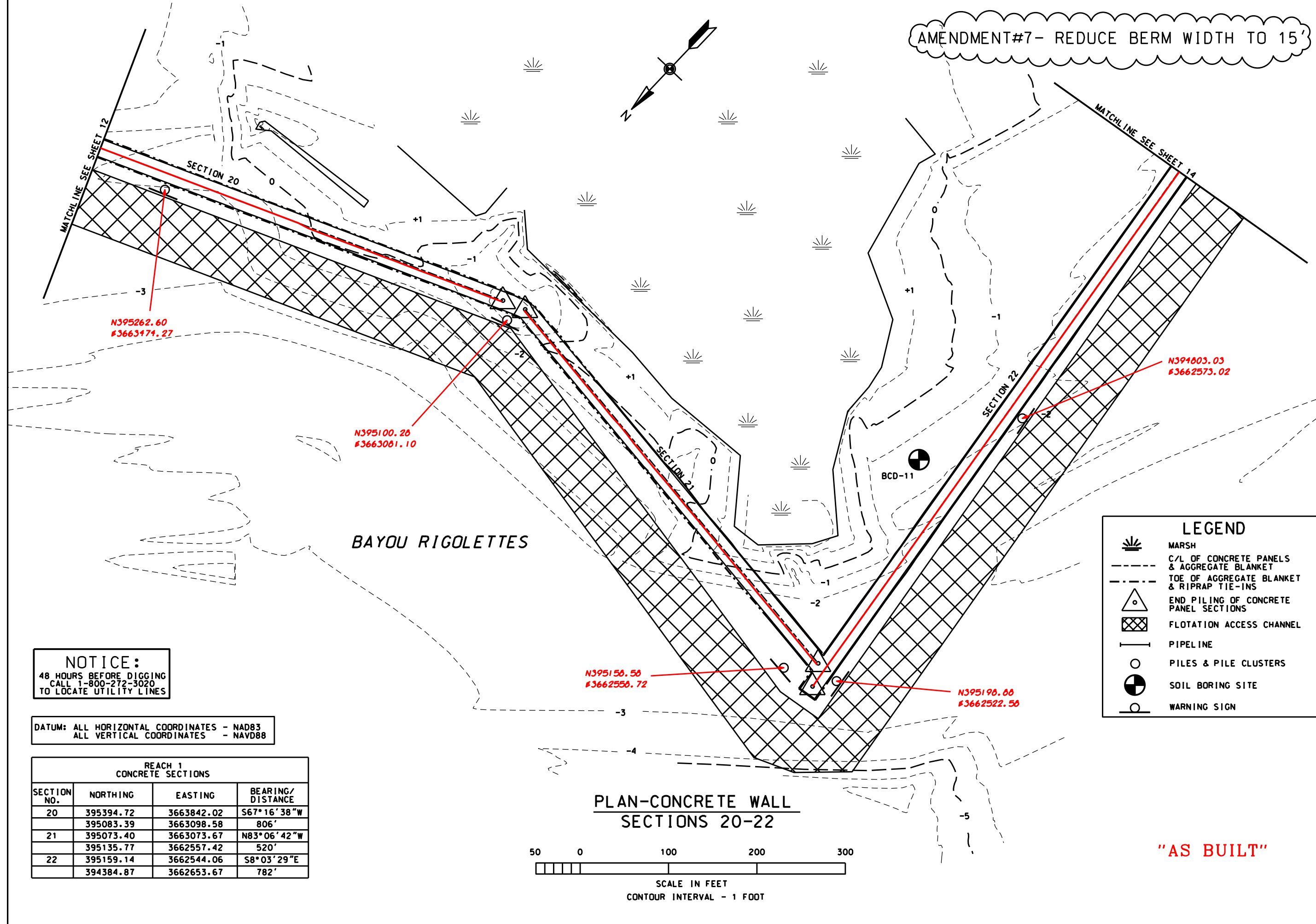
**PLAN-REACH 1 - SECTIONS 18-20
 BA-27 & BA-27C LANDBRIDGE CU #4
 JEFFERSON PARISH, LA.**

NO.	DATE	APPR.	TITLE
1	03/05	B.A.S.	A.S.C.E.

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

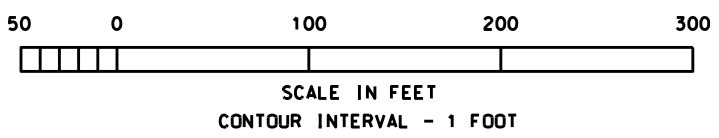
CAD FILENAME
 LA336012A7.DGN
 PROJECT NO.
 LA336
 SHEET NO 12A7 OF 54

AMENDMENT#7- REDUCE BERM WIDTH TO 15'



BAYOU RIGOLETTES

PLAN-CONCRETE WALL
SECTIONS 20-22



LEGEND

- MARSH
- C/L OF CONCRETE PANELS & AGGREGATE BLANKET
- TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
- END PILING OF CONCRETE PANEL SECTIONS
- FLOTATION ACCESS CHANNEL
- PIPELINE
- PILES & PILE CLUSTERS
- SOIL BORING SITE
- WARNING SIGN

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

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

REACH 1 CONCRETE SECTIONS			
SECTION NO.	NORTHING	EASTING	BEARING/ DISTANCE
20	395394.72	3663842.02	S67°16'38"W 806'
21	395083.39	3663098.58	N83°06'42"W 520'
22	395159.14	3662544.06	S8°03'29"E 782'
	394384.87	3662653.67	

"AS BUILT"

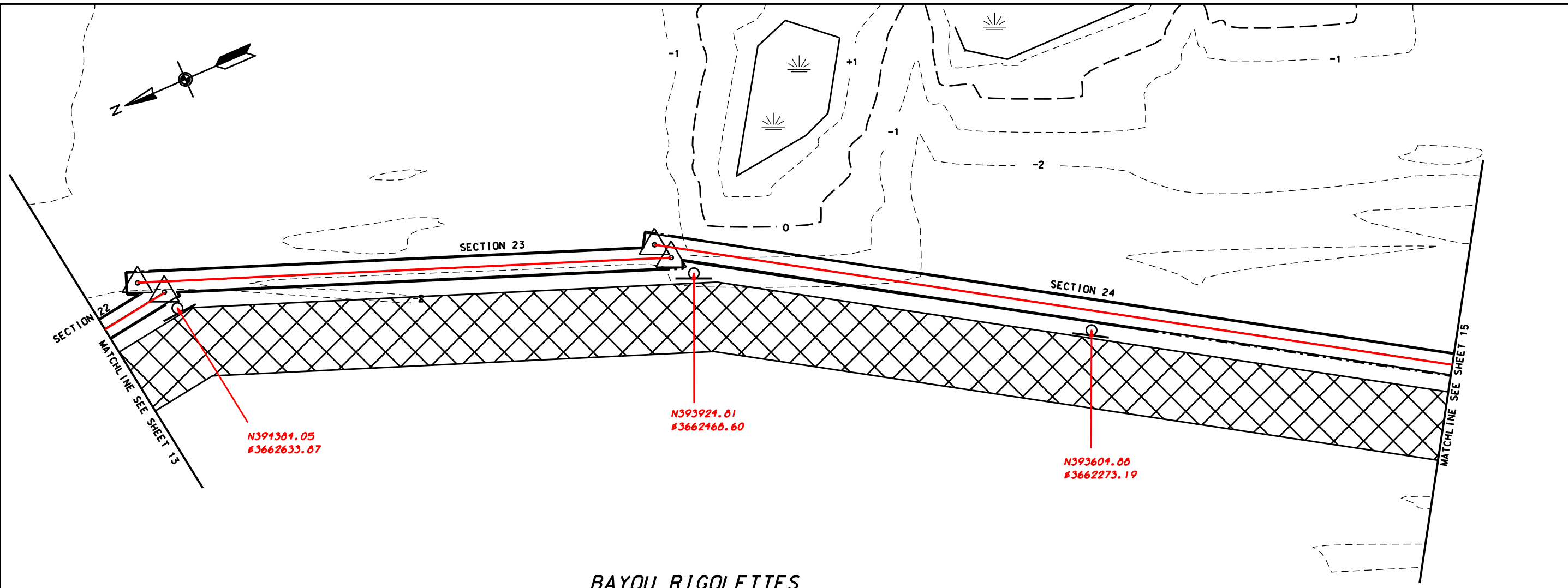
Approved by	E.J. GIERING III	Date	
Designed	C. LAFLEUR	Date	06/03
Drawn	D. WILLMORE-P. COLE	Date	06/03
Traced		Checked	B. STICKER
Title	STATE CONSERVATION ENGINEER ALEXANDRIA, LA.	Title	04/04

PLAN-REACH 1 - SECTIONS 20-22
BA-27- BA-27C LANDBRIDGE CU #4
JEFFERSON PARISH, LA.

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

REV. NO.	DATE	APPR.	TITLE
AT	03/05	B.A.S.	A.S.C.E.

CAD FILENAME
LA336013A7.DGN
PROJECT NO.
LA336
SHEET NO 13A7 OF 54



BAYOU RIGOLETTES

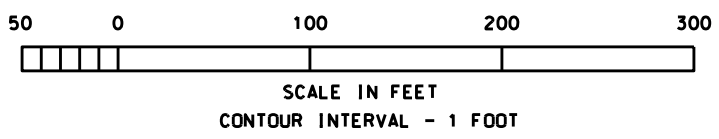
LEGEND

- MARSH
- C/L OF CONCRETE PANELS & AGGREGATE BLANKET
- TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
- END PILING OF CONCRETE PANEL SECTIONS
- FLOTATION ACCESS CHANNEL
- PIPELINE
- PILES & PILE CLUSTERS
- SOIL BORING SITE
- WARNING SIGN

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

REACH 1 CONCRETE SECTIONS			
SECTION NO.	NORTHING	EASTING	BEARING/ DISTANCE
22	395159.14	3662544.06	S8°03'29"E
	394384.87	3662653.67	782'
23	394404.80	3662671.98	S20°52'17"W
	393928.27	3662490.29	510'
24	393938.02	3662507.85	S32°08'04"W
	393247.03	3662073.81	816'

**PLAN-CONCRETE WALL
SECTIONS 22-24**



AMENDMENT#7- REDUCE BERM WIDTH TO 15'

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

"AS BUILT"

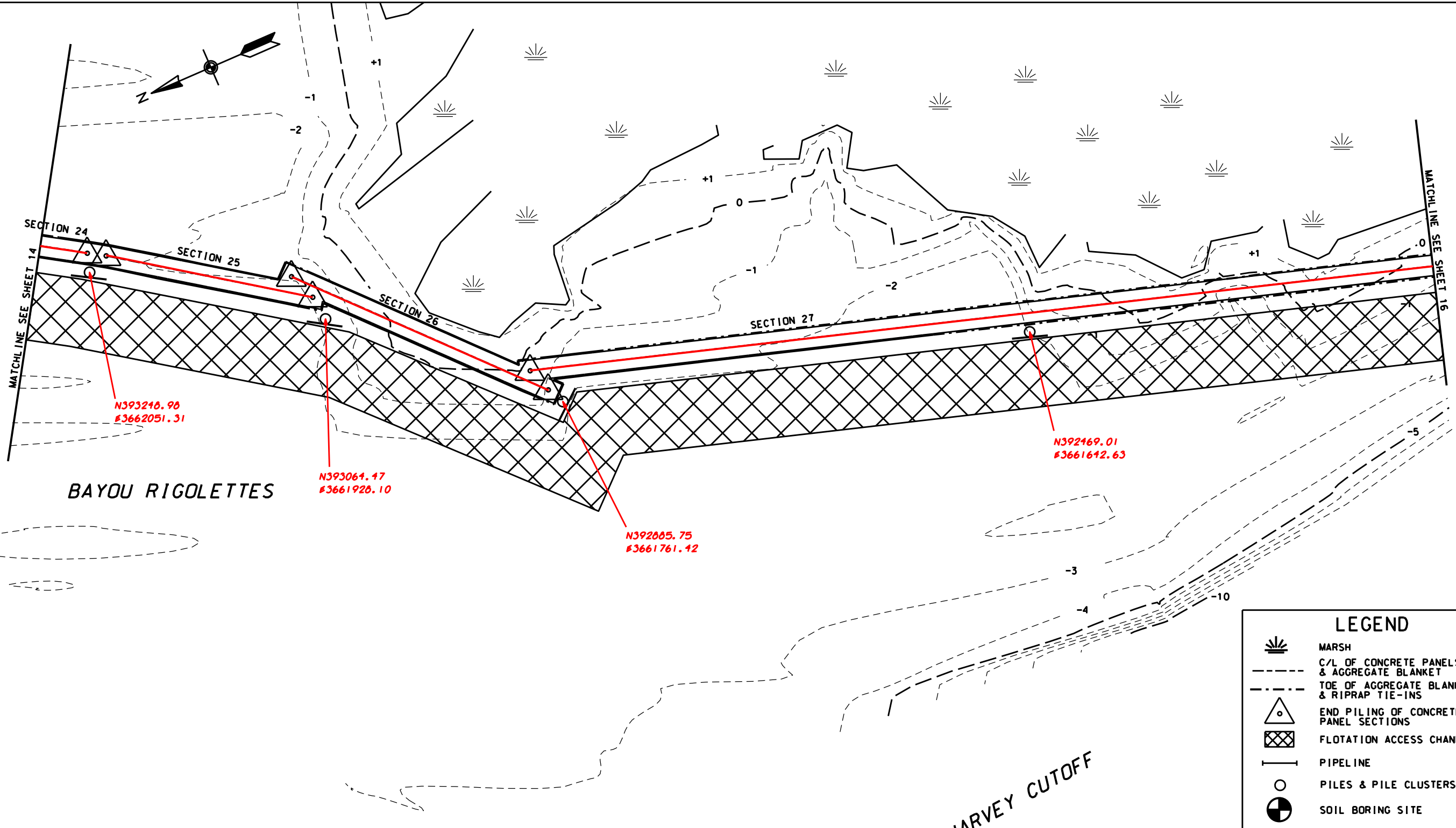
DESIGNED	C. LAFLEUR	DATE	06/03
DRAWN	D. WILLMORE-P. COLE	DATE	06/03
TRACED	B. STICKER	DATE	04/04
CHECKED	B. STICKER	DATE	04/04
APPROVED BY	E.J. GIERING III	DATE	06/03
TITLE	STATE CONSERVATION ENGINEER ALEXANDRIA, LA.		

**PLAN-REACH 1 - SECTIONS 22-24
BA-27 - BA-27C LANDBRIDGE CU #4
JEFFERSON PARISH, LA.**

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

NO.	DATE	APPR.	TITLE
1	03/05	B.A.S.	A.S.C.E.

CAD FILENAME
LA336014A7.DGN
PROJECT NO.
LA336
SHEET NO 14A7 OF 54

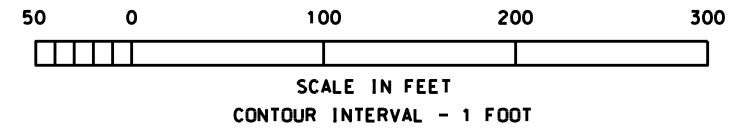


LEGEND	
	MARSH
	C/L OF CONCRETE PANELS & AGGREGATE BLANKET
	TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
	END PILING OF CONCRETE PANEL SECTIONS
	FLOTATION ACCESS CHANNEL
	PIPELINE
	PILES & PILE CLUSTERS
	SOIL BORING SITE
	WARNING SIGN

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

REACH 1 CONCRETE SECTIONS			
SECTION NO.	NORTHING	EASTING	BEARING/DISTANCE
24	393938.02	3662507.85	S32°08'04"W
	393247.03	3662073.81	816'
25	393231.36	3662063.71	S34°53'33"W
	393064.04	3661947.02	204'
26	393074.81	3661973.83	S47°27'09"W
	392890.89	3661773.45	272'
27	392899.47	3661797.81	S16°59'45"W
	391989.05	3661519.54	952'

PLAN-CONCRETE WALL
SECTIONS 24-27



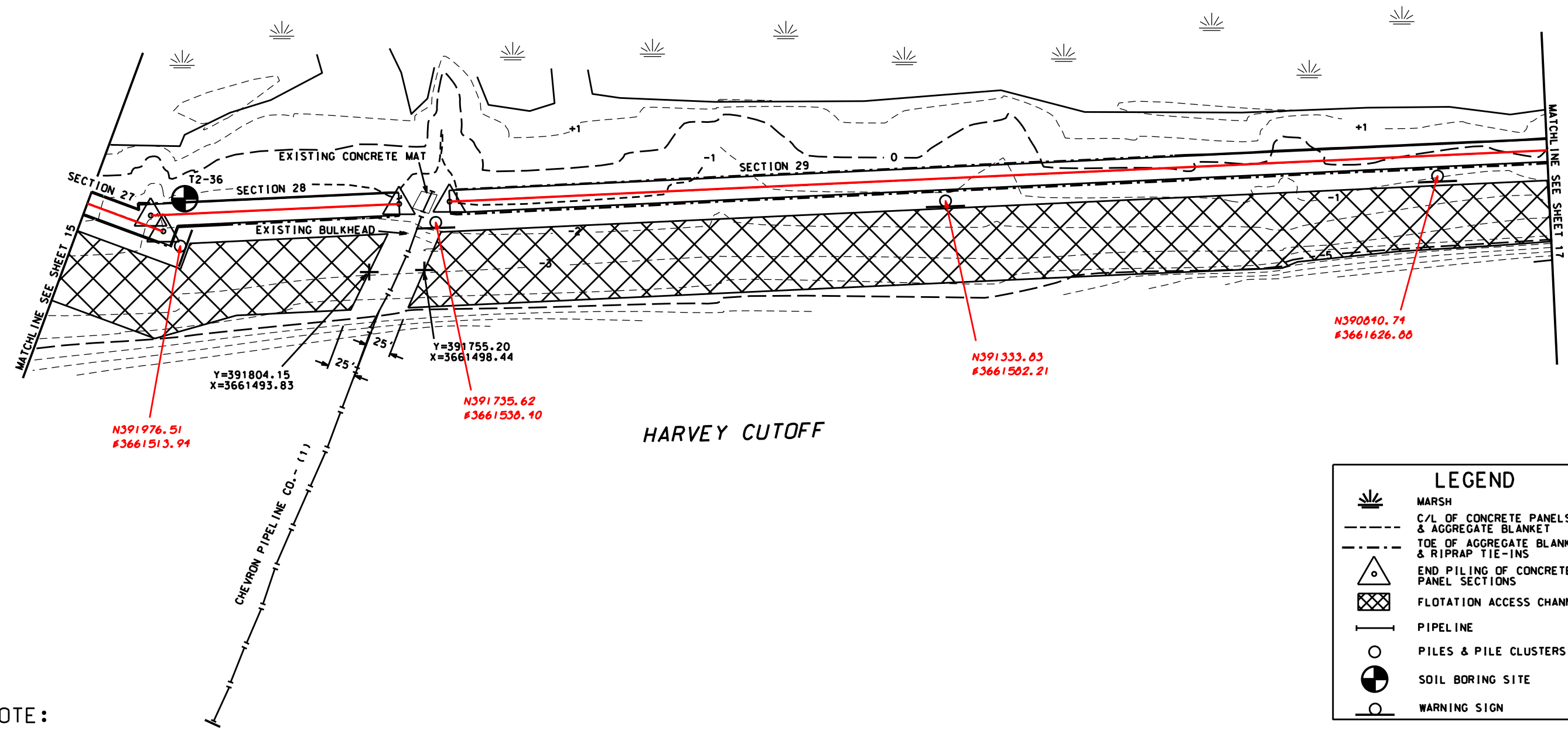
HARVEY CUTOFF

AMENDMENT#7- REDUCE BERM WIDTH TO 15'

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

"AS BUILT"

Date _____ Approved by E.J. GIERING III _____ Title STATE CONSERVATION ENGINEER ALEXANDRIA, LA.	
Date 06/03 Designed C. LAFLEUR Drawn D. WILLMORE-P. COLE Traced _____ Checked B. STICKER Date 06/03 Title _____ Date 04/04 Title _____	PLAN-REACH 1 - SECTIONS 24-27 BA-27-BA-27C LANDBRIDGE CU #4 JEFFERSON PARISH, LA.
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE	
REVISIONS NO. DATE APPR. TITLE 07 03/05 B.A.S. A.S.C.E.	CAD FILENAME LA336015A7.DGN PROJECT NO. LA336 SHEET NO 15A7 OF 54



HARVEY CUTOFF

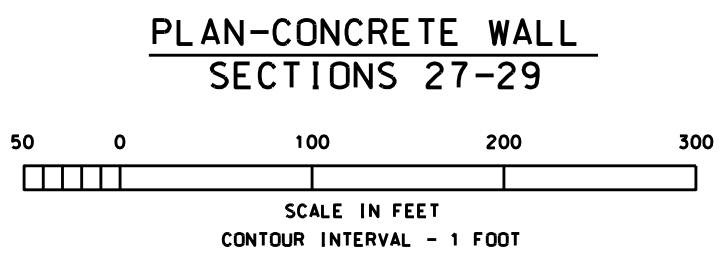
LEGEND

- MARSH
- C/L OF CONCRETE PANELS & AGGREGATE BLANKET
- TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
- END PILING OF CONCRETE PANEL SECTIONS
- FLOTATION ACCESS CHANNEL
- PIPELINE
- PILES & PILE CLUSTERS
- SOIL BORING SITE
- WARNING SIGN

NOTE:
1. SEE SHEETS 41 TO 46 FOR PIPELINE CROSSING DETAILS AND POINT COORDINATES.

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

REACH 1 CONCRETE SECTIONS			
SECTION NO.	NORTHING	EASTING	BEARING/DISTANCE
27	392899.47	3661797.81	S16°59'45"W
	391989.05	3661519.54	952'
28	392000.92	3661532.93	S5°55'13"E
	391781.10	3661555.72	221'
29	391736.34	3661560.37	S5°55'13"E
	390434.32	3661695.38	1309'



AMENDMENT#7- REDUCE BERM WIDTH TO 15'

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

"AS BUILT"

DESIGNED	C. LAFLEUR	DATE	06/03
DRAWN	D. WILLMORE-P. COLE	DATE	06/03
TRACED	B. STICKER	DATE	04/04
CHECKED	B. STICKER	DATE	04/04
APPROVED BY	E.J. GIERING III	DATE	06/03
TITLE	STATE CONSERVATION ENGINEER - ALEXANDRIA, LA.		

PLAN-REACH 1 - SECTIONS 27-29
BA-27-BA-27C LANDBRIDGE CU #4
JEFFERSON PARISH, LA.

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

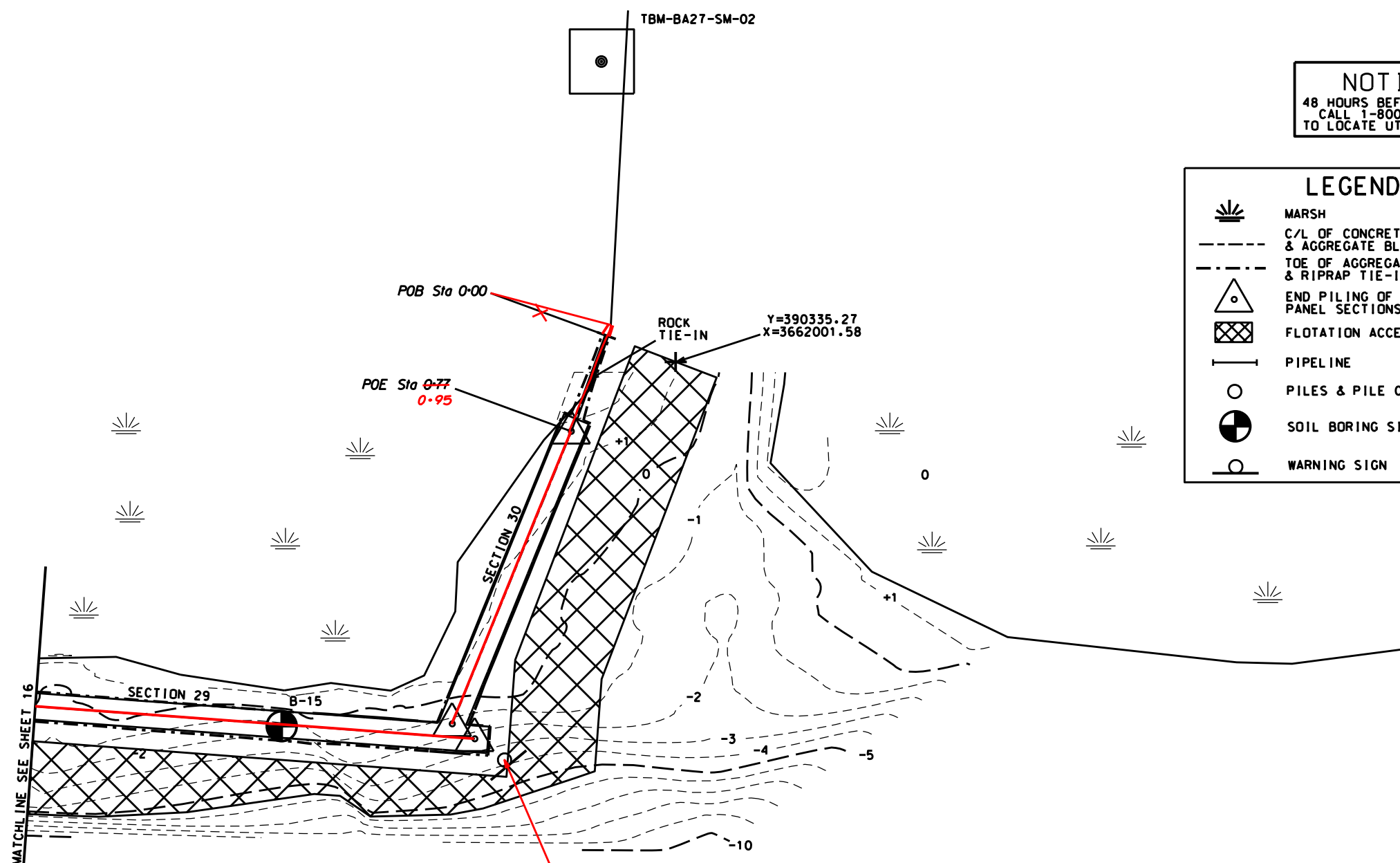
NO.	DATE	APPR.	TITLE
1	03/05	B.A.S.	A.S.C.E.

CAD FILENAME: LA336016A7.DGN
PROJECT NO.: LA336
SHEET NO. 16A7 OF 54



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

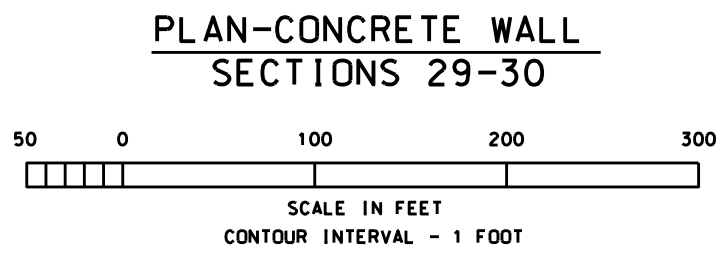
LEGEND	
	MARSH
	C/L OF CONCRETE PANELS & AGGREGATE BLANKET
	TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
	END PILING OF CONCRETE PANEL SECTIONS
	FLOTATION ACCESS CHANNEL
	PIPELINE
	PILES & PILE CLUSTERS
	SOIL BORING SITE
	WARNING SIGN



ROCK TIE-IN COORDINATES		
STA. 0+00	N390300.16 N390390.17	E3662020.37 E3662011.89
STA. 0+77 0+95	N390403.46	E3661936.26

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

REACH 1 CONCRETE SECTIONS			
SECTION NO.	NORTHING	EASTING	BEARING/DISTANCE
29	391736.34	3661560.37	S5°55'13"E
	390434.32	3661695.38	1309'
30	390453.04	3661703.48	S77°58'35"E
	390403.46	3661936.26	238'



AMENDMENT#7- REDUCE BERM WIDTH TO 15'

"AS BUILT"

Date	Approved by	Title
06/03	E.J. GIERING III	STATE CONSERVATION ENGINEER
06/03	C. LAFLEUR	ALEXANDRIA, LA.
06/03	D. WILLMORE-P. COLE	Traced
04/04	B. STICKER	Checked

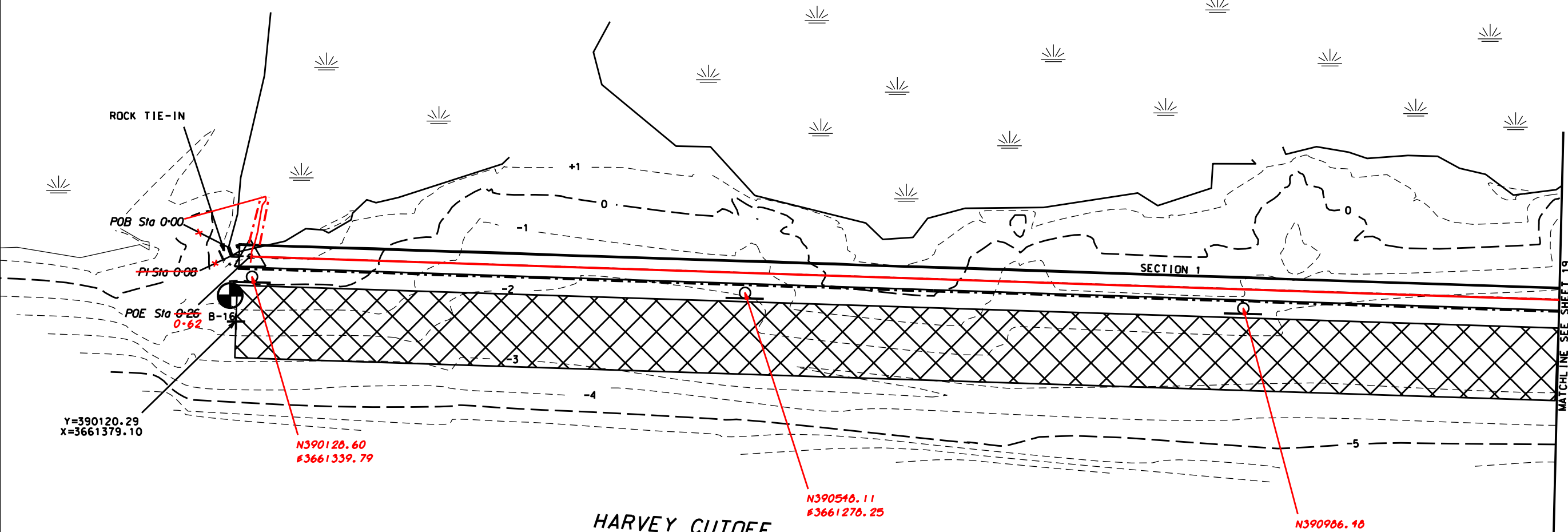
DESIGNED BY C. LAFLEUR
 DRAWN BY D. WILLMORE-P. COLE
 TRACED BY B. STICKER
 CHECKED BY B. STICKER

PLAN-REACH 1 - SECTIONS 29-30
 BA-27-BA-27C LANDBRIDGE CU #4
 JEFFERSON PARISH, L.A.

NO.	DATE	APPR.	TITLE
7	03/05	B.A.S.	A.S.C.E.

CAD FILENAME
 LA336017A7.DGN
 PROJECT NO.
 LA336
 SHEET NO 17A7 OF 54

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



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X=3661379.10

N390120.60
E3661339.79

N390540.11
E3661270.25

N390906.10
E3661214.33

HARVEY CUTOFF

MATCHLINE SEE SHEET 19

LEGEND	
	MARSH
	C/L OF CONCRETE PANELS & AGGREGATE BLANKET
	TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
	END PILING OF CONCRETE PANEL SECTIONS
	FLOTATION ACCESS CHANNEL
	PIPELINE
	PILES & PILE CLUSTERS
	SOIL BORING SITE
	WARNING SIGN

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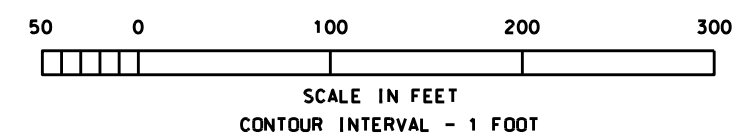
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NOTICE:
48 HOURS BEFORE DIGGING
CALL 1-800-272-3020
TO LOCATE UTILITY LINES

AMENDMENT#7 - REDUCE BERM WIDTH TO 15'

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

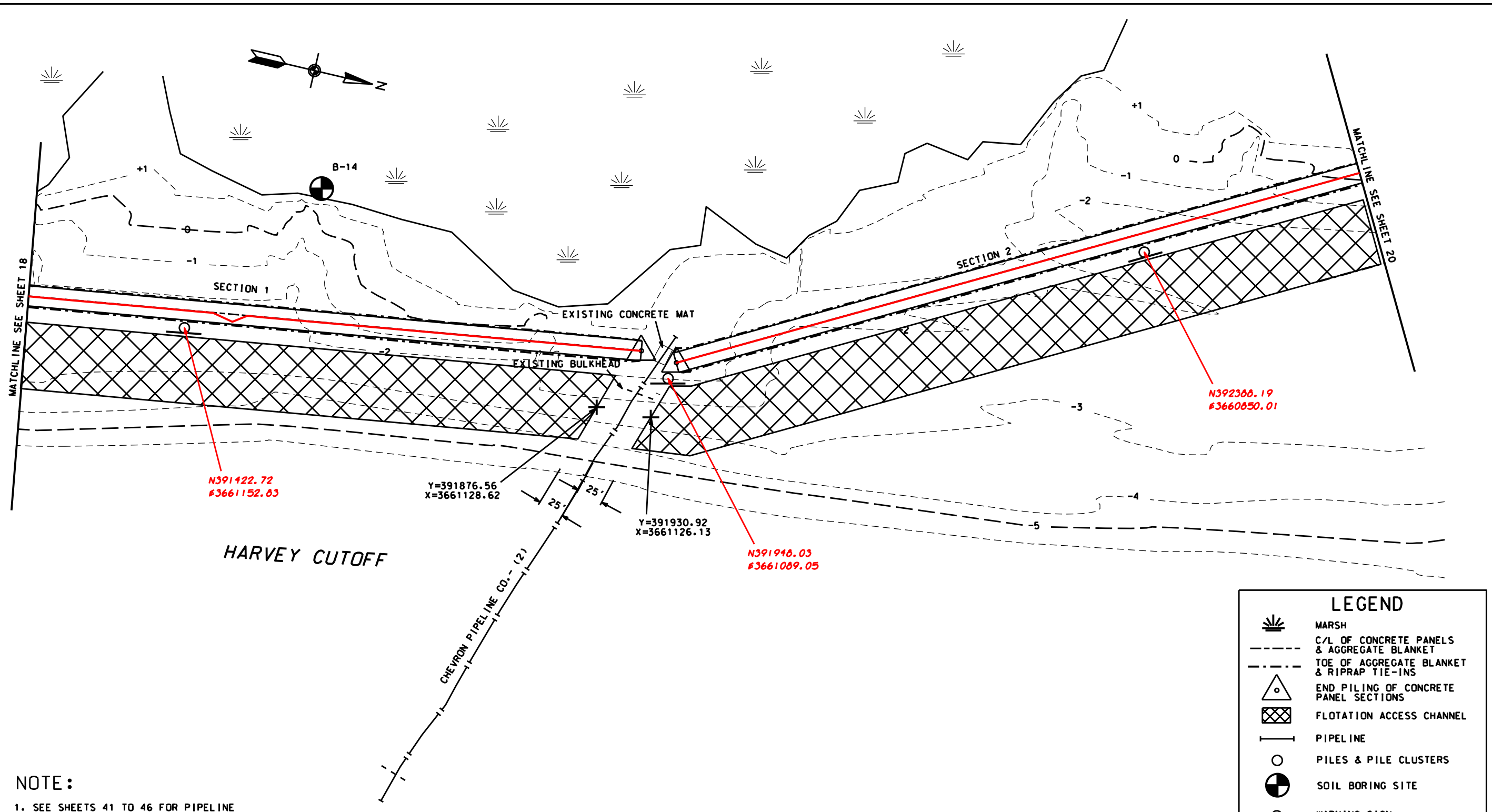
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SECTION NO.	NORTHING	EASTING	BEARING/DISTANCE
1	390122.72	3661318.51	N 8°07'01"W
	391906.68	3661064.07	1802'



PLAN-CONCRETE WALL
SECTION 1

"AS BUILT"

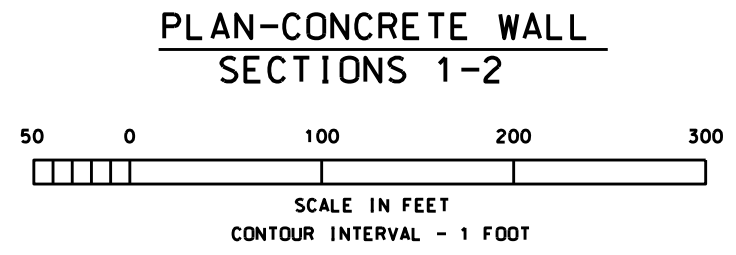
Approved by E.J. GIERING III Title STATE CONSERVATION ENGINEER ALEXANDRIA, LA.		Date 06/03	
Designed C. LAFLEUR Drawn D. WILLMORE, P. COLE Traced B. STICKER Checked B. STICKER		Date 06/03 Date 04/04	
PLAN-REACH 2 - SECTION 1 BA-27-BA-27C LANDBRIDGE CU #4 JEFFERSON PARISH, LA.			
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE			
NO. 7 DATE 03/05 APPR. B.A.S.		TITLE A.S.C.E.	
CAD FILENAME LA336018A7.DGN			
PROJECT NO. LA336			
SHEET NO 18A7 OF 54			



NOTE:
 1. SEE SHEETS 41 TO 46 FOR PIPELINE CROSSING DETAILS AND POINT COORDINATES.

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

REACH 2 CONCRETE SECTIONS			
SECTION NO.	NORTHING	EASTING	BEARING/DISTANCE
1	390122.72	3661318.51	N 8°07'01"W
	391906.68	3661064.07	1802'
2	391943.04	3661067.75	N 28°43'35"W
	392762.96	3660618.36	935'



LEGEND

- MARSH
- C/L OF CONCRETE PANELS & AGGREGATE BLANKET
- TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
- END PILING OF CONCRETE PANEL SECTIONS
- FLOTATION ACCESS CHANNEL
- PIPELINE
- PILES & PILE CLUSTERS
- SOIL BORING SITE
- WARNING SIGN

AMENDMENT#7- REDUCE BERM WIDTH TO 15'

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

"AS BUILT"

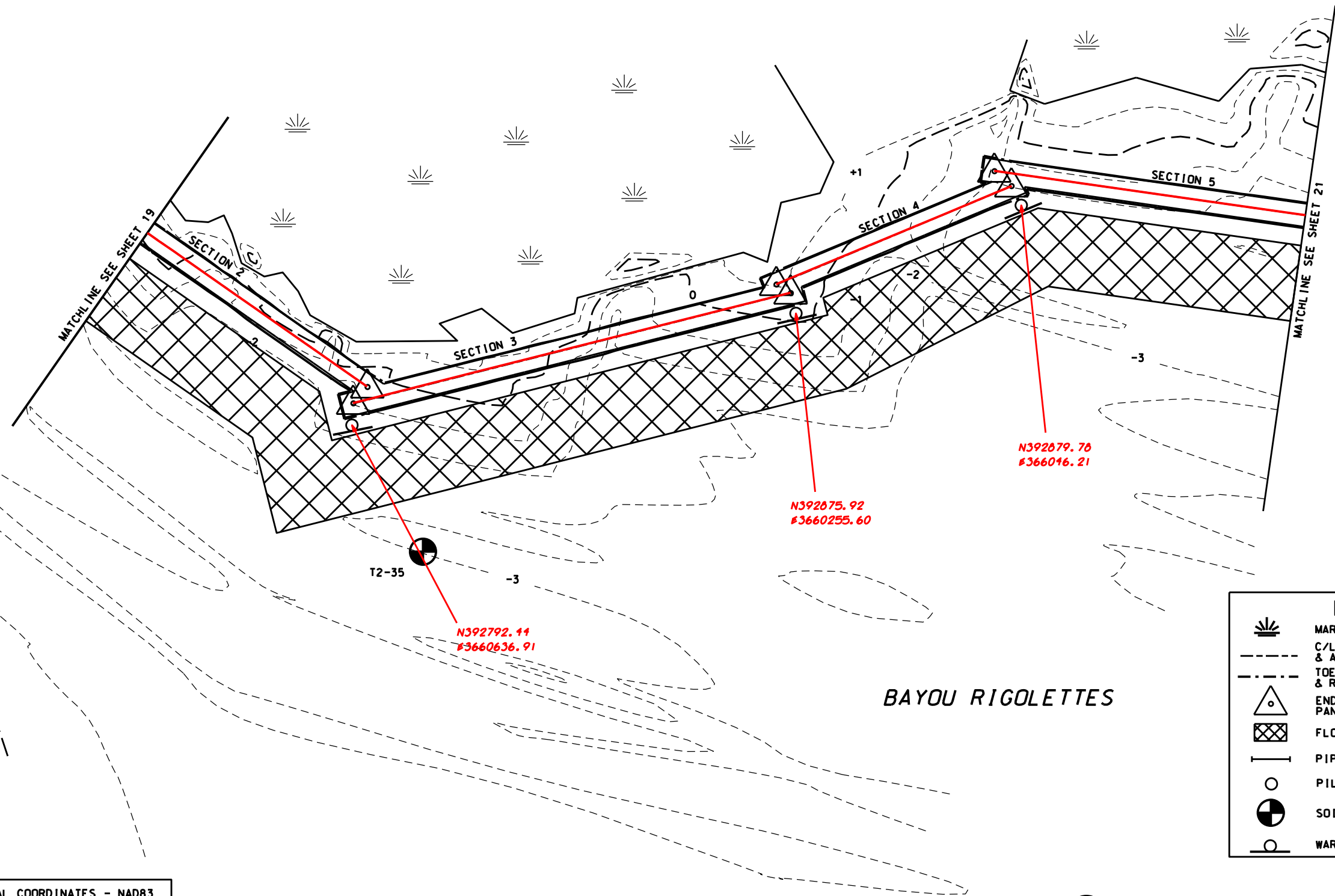
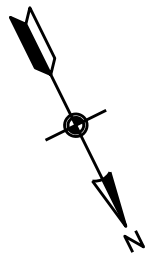
DESIGNED C. LAFLEUR	DATE 06/03	APPROVED BY E.J. GIERING III	DATE 06/03
DRAWN D. WILLMORE-P. COLE	DATE 06/03	TITLE STATE CONSERVATION ENGINEER	DATE 06/03
TRACED B. STICKER	CHECKED B. STICKER	DATE 04/04	TITLE ALEXANDRIA, LA.

PLAN-REACH 2 - SECTIONS 1-2
 BA-27-BA-27C LANDBRIDGE CU #4
 JEFFERSON PARISH, LA.

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

NO.	DATE	APPR.	TITLE
1	03/05	B.A.S.	A.S.C.E.

CAD FILENAME
 LA336019A7.DGN
 PROJECT NO.
 LA336
 SHEET NO 19A7 OF 54



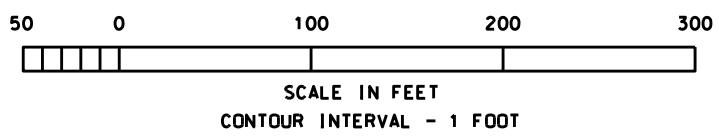
LEGEND

- MARSH
- C/L OF CONCRETE PANELS & AGGREGATE BLANKET
- TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
- END PILING OF CONCRETE PANEL SECTIONS
- FLOTATION ACCESS CHANNEL
- PIPELINE
- PILES & PILE CLUSTERS
- SOIL BORING SITE
- WARNING SIGN

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

REACH 2 CONCRETE SECTIONS			
SECTION NO.	NORTHING	EASTING	BEARING/ DISTANCE
2	391943.04	3661067.75	N 28°43'35"W
	392762.96	3660618.36	935'
3	392770.21	3660635.87	N 77°52'57"W
	392852.29	3660253.58	391'
4	392840.31	3660261.85	N 86°24'38"W
	392854.15	3660041.28	221'
5	392835.72	3660048.79	N 55°34'29"W
	393335.47	3659319.61	884'

**PLAN-CONCRETE WALL
SECTIONS 2-5**

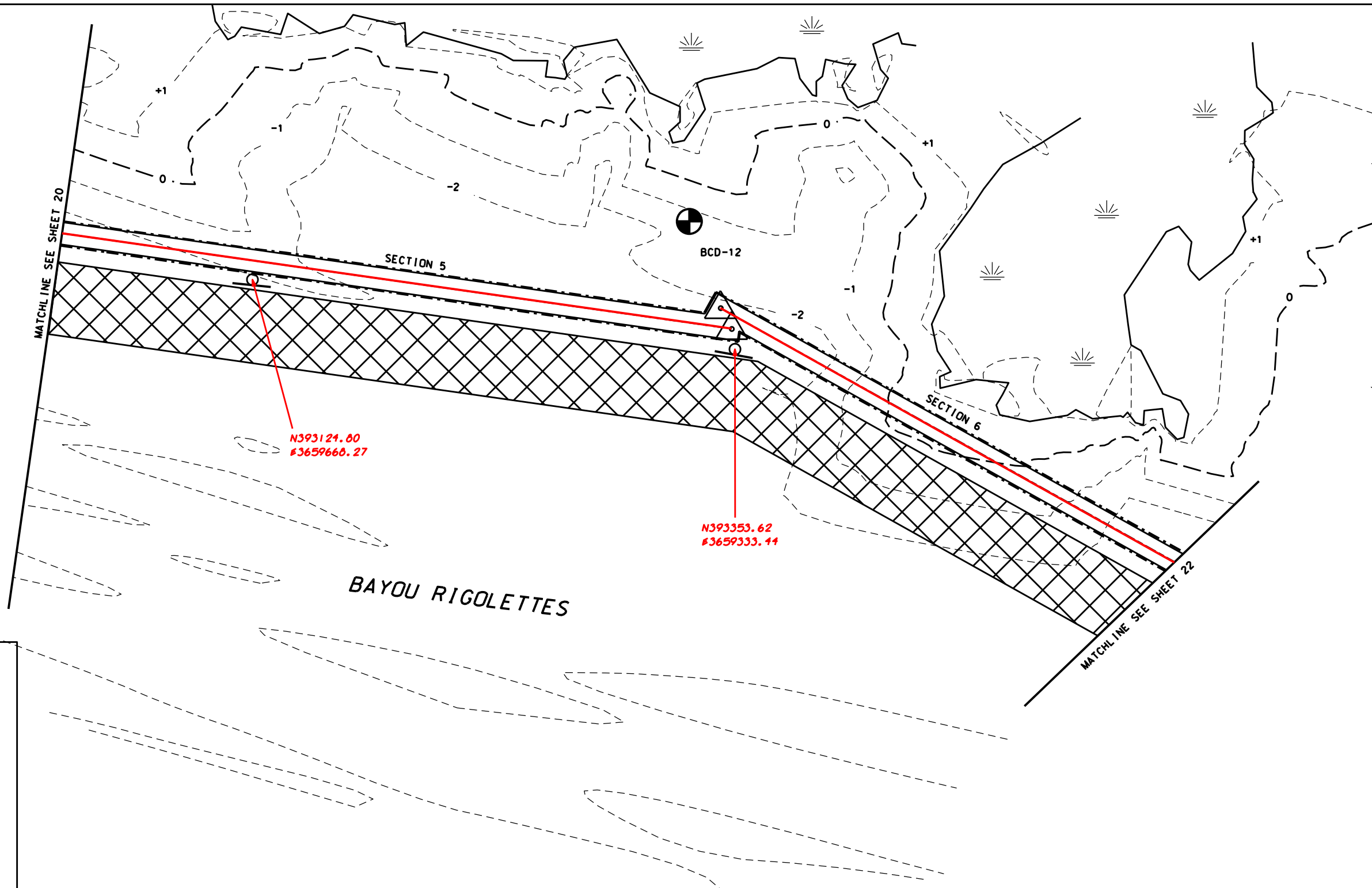
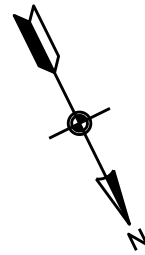


AMENDMENT#7- REDUCE BERM WIDTH TO 15'

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

"AS BUILT"

NO.	DATE	APPR.	TITLE
AT	03/05	B.A.S.	A.S.C.E.
REVISIONS NO. DATE APPR. TITLE AT 03/05 B.A.S. A.S.C.E.			
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE PLAN-REACH 2 - SECTIONS 2-5 BA-27-BA-27C LANDBRIDGE CU #4 JEFFERSON PARISH, LA.			
DESIGNED	C. LAFLEUR	DATE	06/03
DRAWN	D. WILLMORE, P. COLE	DATE	06/03
TRACED	B. STICKER	DATE	04/04
CHECKED	B. STICKER	DATE	04/04
APPROVED	E.J. GIERING III	DATE	06/03
TITLE	STATE CONSERVATION ENGINEER	TITLE	ALEXANDRIA, LA.
CAD FILENAME	LA336020A7.DGN		
PROJECT NO.	LA336		
SHEET NO	20A7 OF 54		

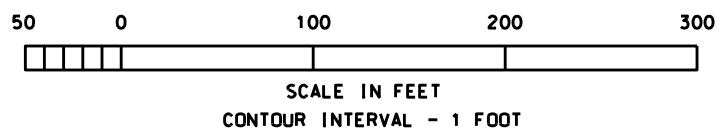


LEGEND	
	MARSH
	C/L OF CONCRETE PANELS & AGGREGATE BLANKET
	TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
	END PILING OF CONCRETE PANEL SECTIONS
	FLOTATION ACCESS CHANNEL
	PIPELINE
	PILES & PILE CLUSTERS
	SOIL BORING SITE
	WARNING SIGN

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

REACH 2 CONCRETE SECTIONS			
SECTION NO.	NORTHING	EASTING	BEARING/ DISTANCE
5	392835.72	3660048.79	N 55°34'29"W
	393335.47	3659319.61	884'
6	393314.27	3659320.26	N 34°22'40"W
	393735.19	3659032.29	510'

PLAN-CONCRETE WALL
 SECTIONS 5-6



AMENDMENT#7- REDUCE BERM WIDTH TO 15'

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

"AS BUILT"

REVISIONS NO. DATE APPR. TITLE A7 03/05 B.A.S. A.S.C.E.	PLAN-REACH 2 - SECTIONS 5-6 BA-27-BA-27C LANDBRIDGE CU #4 JEFFERSON PARISH, LA.	U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE
CAD FILENAME LA336021A7.DGN PROJECT NO. LA336 SHEET NO 21A7 OF 54	DESIGNED: C. LAFLEUR DRAWN: D. WILLMORE-P. COLE TRACED: B. STICKER CHECKED: B. STICKER	DATE: 06/03 APPROVED BY: E.J. GIERING III TITLE: STATE CONSERVATION ENGINEER ALEXANDRIA, LA.

PT 353

PT 354

MODIFICATION #4
SEE SHEET 42M4 OF 54 FOR DETAILS
OF WALL REACH 2 SECTION 7

POB Sta 0+00

POE Sta 0+20
0+36

LBCU2
EXISTING ROCK C

ROCK TIE-IN

T2-34

N394524.76
E3658745.41

Y=394502.58
X=3658798.81

SECTION 8

SECTION 6

SECTION 7

Y=393800.52
X=3659069.00

PT 356

Y=393841.45
X=3659038.62

N393823.96
E3659009.55

PT 357

N394106.77
E3658069.10

Y=396050.47
X=3660094.49

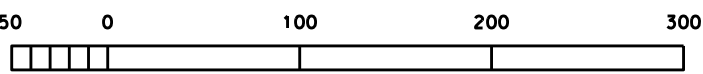
BAYOU RIGOLETTES

PT 358

PLAINS PIPELINE - L.P.

PT 359

PLAN-CONCRETE WALL
SECTIONS 6-8



SCALE IN FEET
CONTOUR INTERVAL - 1 FOOT

MODIFICATION #4
393746.07 3659040.02
393806.03 3658975.99

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

LEGEND

- MARSH
- C/L OF CONCRETE PANELS & AGGREGATE BLANKET
- TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
- END PILING OF CONCRETE PANEL SECTIONS
- FLOTATION ACCESS CHANNEL
- PIPELINE
- PILES & PILE CLUSTERS
- SOIL BORING SITE
- WARNING SIGN

NOTE:
1. SEE SHEETS 41 TO 46 FOR PIPELINE
CROSSING DETAILS AND POINT COORDINATES.

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

REACH 2 CONCRETE SECTIONS			
SECTION NO.	NORTHING	EASTING	BEARING/ DISTANCE
6	393314.27	3659320.26	S 34°22'40"E
	393735.19	3659032.29	510'
7	393743.98	3659043.98	N 47°51'31"W
	393803.25	3658978.48	88'-4"
8	393810.44	3658987.55	N 20°24'54"W
	394511.46	3658726.64	748'

ROCK TIE-IN COORDINATES		
STA. 0+00	N394532.32 N394529.23	E3658715.81 E3658716.06
STA. 0+20 0+36	N394511.46	E3658726.64

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

Date 06/03

Designed C. LAFLEUR
Drawn D. WILLMORE-P. COLE
Traced B. STICKER
Checked B. STICKER

Date 06/03

Date 04/04

PLAN-REACH 2 - SECTIONS 6-8
BA-27-BA-27C LANDBRIDGE CU #4
JEFFERSON PARISH, LA.

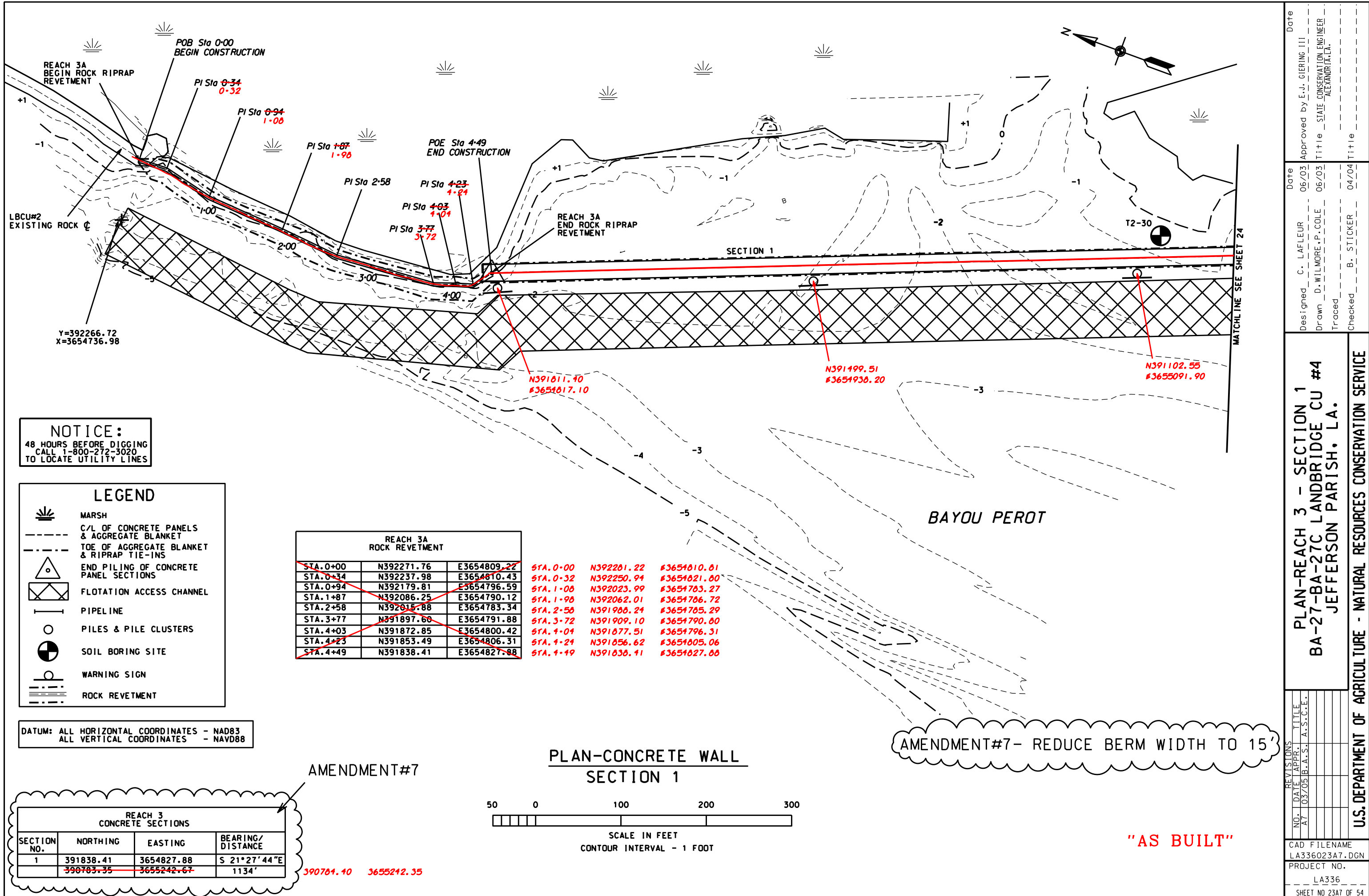
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

REVISIONS

NO.	DATE	APPR.	TITLE
A1	03/05	B.A.S.	A.S.C.E.
M3	09/06	B.A.S.	A.S.C.E.
M4	04/07	B.A.S.	A.S.C.E.

CAD FILENAME
LA336022M4.DGN
PROJECT NO.
LA336
SHEET NO 22M4 OF 54

"AS BUILT"



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

LEGEND	
	MARSH
	C/L OF CONCRETE PANELS & AGGREGATE BLANKET
	TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
	END PILING OF CONCRETE PANEL SECTIONS
	FLOTATION ACCESS CHANNEL
	PIPELINE
	PILES & PILE CLUSTERS
	SOIL BORING SITE
	WARNING SIGN
	ROCK REVETMENT

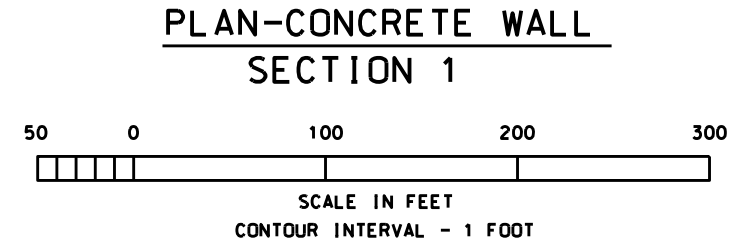
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STA. 0+34	N392237.98	E3654810.43
STA. 0+94	N392179.81	E3654796.59
STA. 1+87	N392086.25	E3654790.12
STA. 2+58	N392015.88	E3654783.34
STA. 3+77	N391897.60	E3654791.88
STA. 4+03	N391872.85	E3654800.42
STA. 4+23	N391853.49	E3654806.31
STA. 4+49	N391838.41	E3654827.88

STA. 0+00	N392281.22	E3654810.81
STA. 0+32	N392250.94	E3654821.80
STA. 1+08	N392023.99	E3654783.27
STA. 1+98	N392062.01	E3654786.72
STA. 2+58	N391988.24	E3654785.29
STA. 3+72	N391909.10	E3654790.80
STA. 4+04	N391877.51	E3654796.31
STA. 4+24	N391856.62	E3654805.06
STA. 4+49	N391838.41	E3654827.88

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

REACH 3 CONCRETE SECTIONS			
SECTION NO.	NORTHING	EASTING	BEARING/DISTANCE
1	391838.41	3654827.88	S 21°27'44"E
	390783.35	3655242.67	1134'

AMENDMENT#7



AMENDMENT#7 - REDUCE BERM WIDTH TO 15'

"AS BUILT"

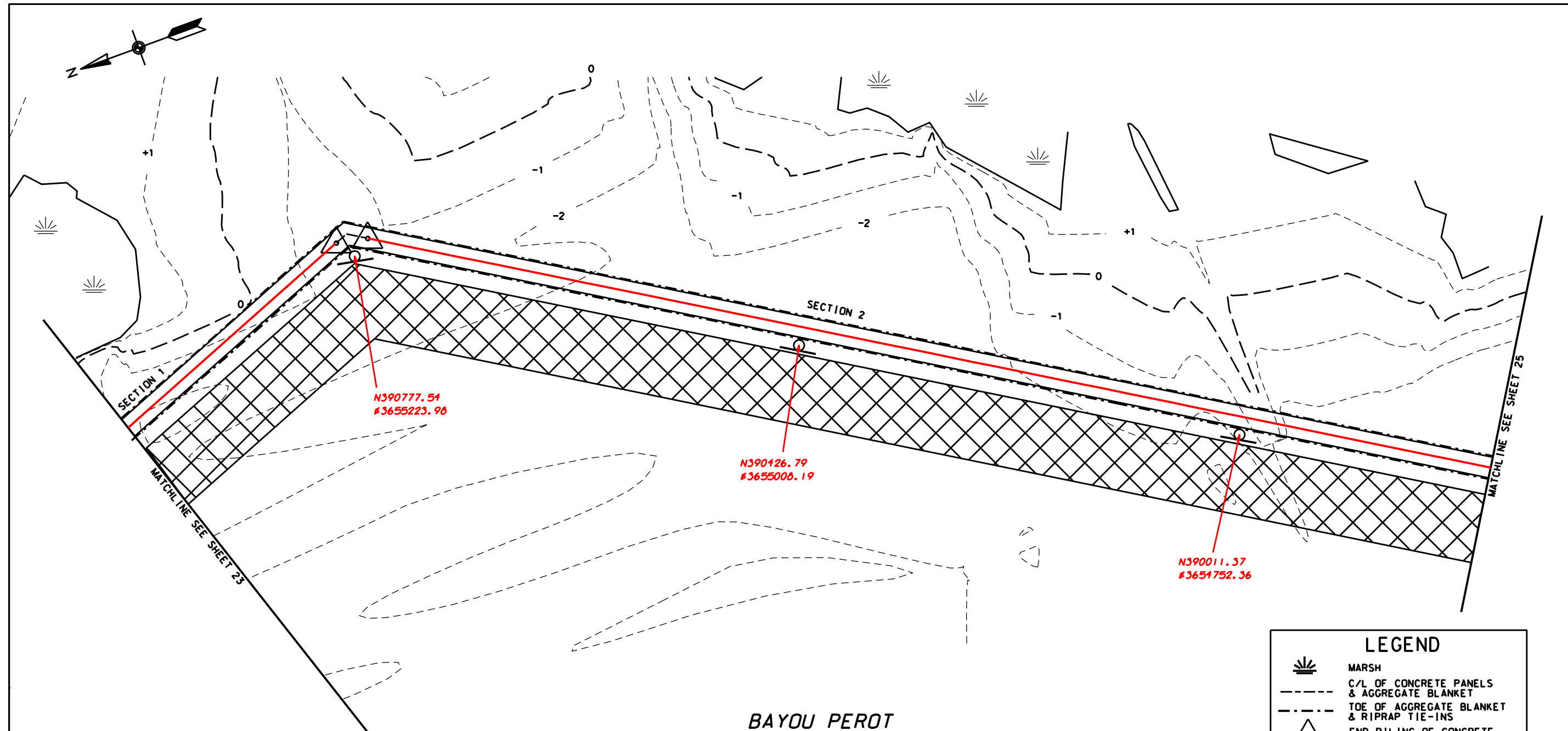
Approved by	E.J. GIERING III	Date	06/03
Designed	C. LAFLEUR	Traced	B. STICKER
Drawn	D. WILLMORE-P. COLE	Checked	B. STICKER
Title	STATE CONSERVATION ENGINEER ALEXANDRIA, LA.	Title	04/04

PLAN-REACH 3 - SECTION 1
BA-27-BA-27C LANDBRIDGE CU #4
JEFFERSON PARISH, LA.

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

NO.	DATE	APPR.	TITLE
1	03/05	B.A.S.	A.S.C.E.

CAD FILENAME
LA336023A7.DGN
PROJECT NO.
LA336
SHEET NO 23A7 OF 54



N390777.51
#3655223.98

N390426.79
#3655008.19

N390011.37
#3654752.36

BAYOU PEROT

LEGEND

- MARSH
- C/L OF CONCRETE PANELS & AGGREGATE BLANKET
- TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
- END PILING OF CONCRETE PANEL SECTIONS
- FLOTATION ACCESS CHANNEL
- PIPELINE
- PILES & PILE CLUSTERS
- SOIL BORING SITE
- WARNING SIGN

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

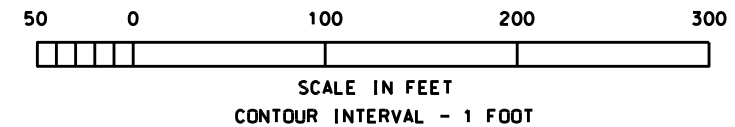
AMENDMENT#7

REACH 3
CONCRETE SECTIONS

SECTION NO.	NORTHING	EASTING	BEARING/DISTANCE
1	391838.41	3654827.88	S 21°27'44"E
	390783.35	3655242.67	1134'
2	390753.28	3655236.59	S 31°40'49"W
	389663.45	3654564.01	1281'

390783.35 3655242.35

**PLAN-CONCRETE WALL
SECTIONS 1-2**

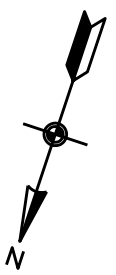
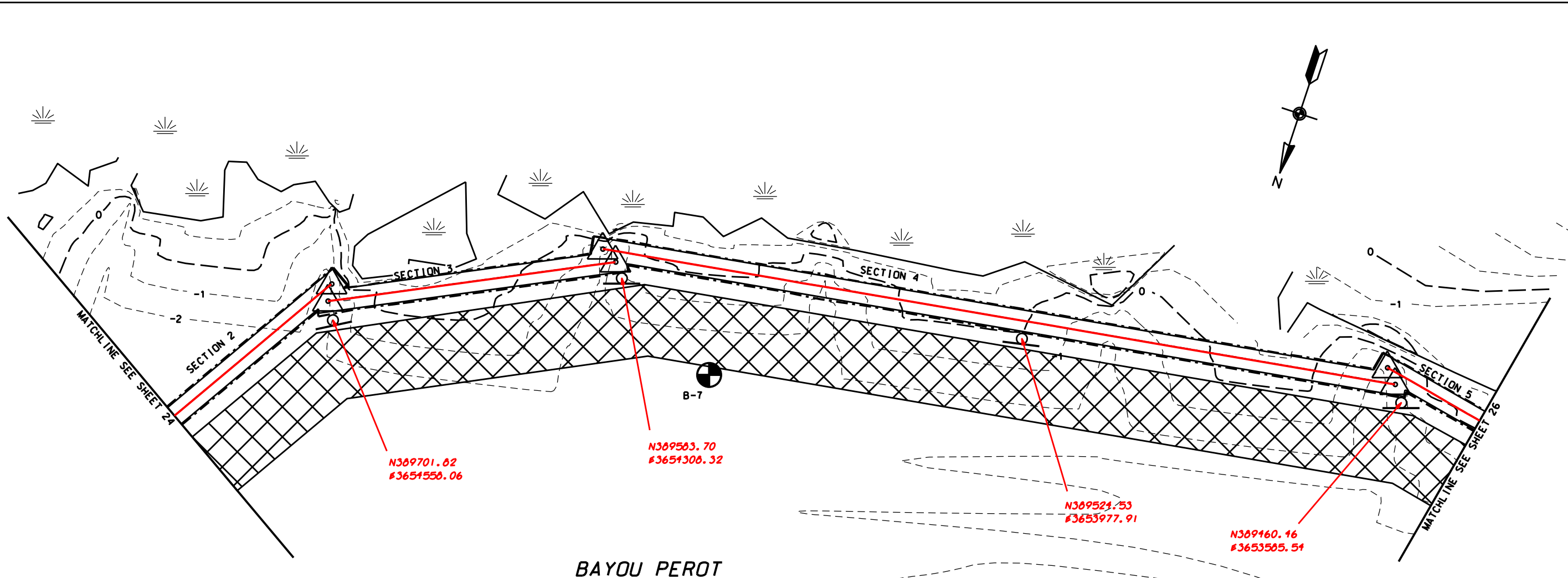


AMENDMENT#7 - REDUCE BERM WIDTH TO 15'

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

"AS BUILT"

REVISIONS	NO.	DATE	APPR.	TITLE
	A7	03/05	B.A.S.	A.S.C.E.
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE				
PLAN-REACH 3 - SECTIONS 1-2 BA-27-BA-27C LANDBRIDGE CU #4 JEFFERSON PARISH, LA.				
DESIGNED		DATE		APPROVED BY
C. LAFLEUR		06/03		E.J. GIERING III
DRAWN		DATE		TITLE
D. WILLMORE-P. COLE		06/03		STATE CONSERVATION ENGINEER
TRACED		DATE		TITLE
B. STICKER		04/04		ALEXANDR(A).LA.
CHECKED		DATE		TITLE
CAD FILENAME LA336024A7.DGN				
PROJECT NO. LA336				
SHEET NO 24A7 OF 54				



Date	06/03	Approved by	E.J. GIERING III
Designed	C. LAFLEUR	Title	STATE CONSERVATION ENGINEER
Drawn	D. WILLMORE-P. COLE	Title	ALEXANDRIA, LA.
Traced		Checked	B. STICKER
			04/04

PLAN-REACH 3 - SECTIONS 2-5
BA-27-BA-27C LANDBRIDGE CU #4
JEFFERSON PARISH, LA.

NO.	DATE	APPR.	TITLE
1	03/05	B.A.S.	A.S.C.E.

CAD FILENAME
LA336025A7.DGN
PROJECT NO.
LA336
SHEET NO 25A7 OF 54

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

BAYOU PEROT

LEGEND

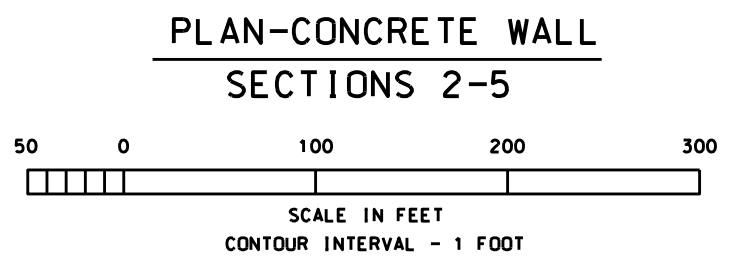
- MARSH
- C/L OF CONCRETE PANELS & AGGREGATE BLANKET
- TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
- END PILING OF CONCRETE PANEL SECTIONS
- FLOTATION ACCESS CHANNEL
- PIPELINE
- PILES & PILE CLUSTERS
- SOIL BORING SITE
- WARNING SIGN

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

AMENDMENT#7

REACH 3 CONCRETE SECTIONS			
SECTION NO.	NORTHING	EASTING	BEARING/DISTANCE
2	390753.28	3655236.59	S 31°40'49"W
	389663.45	3654564.01	1281'
3	389679.67	3654561.91	S 63°53'20"W
	389559.67	3654317.07	273'
4	389551.74	3654332.08	S 81°22'07"W
	389438.33	3653584.97	756'
5	389425.60	3653596.40	S 78°25'02"W
	389534.03	3653063.40	544'

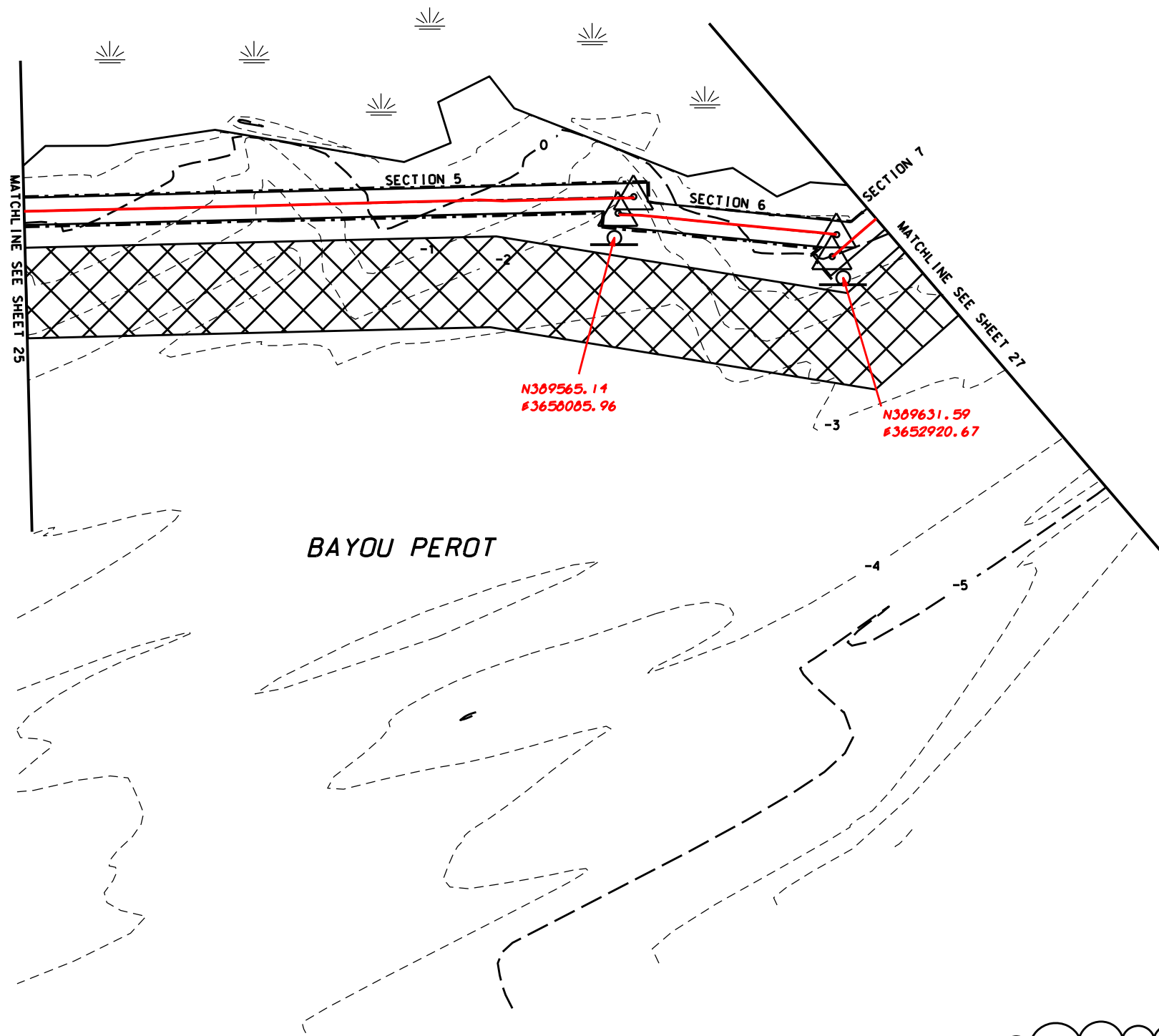
389425.70 3653596.10
 389535.73 3653063.03



AMENDMENT#7 - REDUCE BERM WIDTH TO 15'

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

"AS BUILT"



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

LEGEND

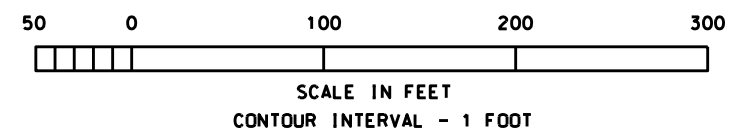
- MARSH
- C/L OF CONCRETE PANELS & AGGREGATE BLANKET
- TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
- END PILING OF CONCRETE PANEL SECTIONS
- FLOTATION ACCESS CHANNEL
- PIPELINE
- PILES & PILE CLUSTERS
- SOIL BORING SITE
- WARNING SIGN

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

REACH 3 CONCRETE SECTIONS			
SECTION NO.	NORTHING	EASTING	BEARING/DISTANCE
5	389425.60	3653596.40	N 78°25'02"W
	389534.83	3653063.48	544'
6	389543.84	3653077.34	N 71°24'24"W
	389594.86	3652925.69	160'
7	389609.58	3652932.45	S 62°25'24"W
	389550.18	3652818.72	128'

~~389425.70 3653596.65~~
~~389535.73 3653063.03~~
~~389543.84 3653077.34~~
~~389594.63 3652925.71~~
~~389609.97 3652932.49~~
~~389550.37 3652819.20~~

**PLAN-CONCRETE WALL
 SECTIONS 5-7**



AMENDMENT#7- REDUCE BERM WIDTH TO 15'

"AS BUILT"

DESIGNED	C. LAFLEUR	DATE	06/03
DRAWN	D. WILLMORE-P. COLE	DATE	06/03
TRACED	B. STICKER	DATE	04/04
CHECKED	B. STICKER	DATE	04/04

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

**PLAN-REACH 3 - SECTIONS 5-7
 BA-27-BA-27C LANDBRIDGE CU #4
 JEFFERSON PARISH, LA.**

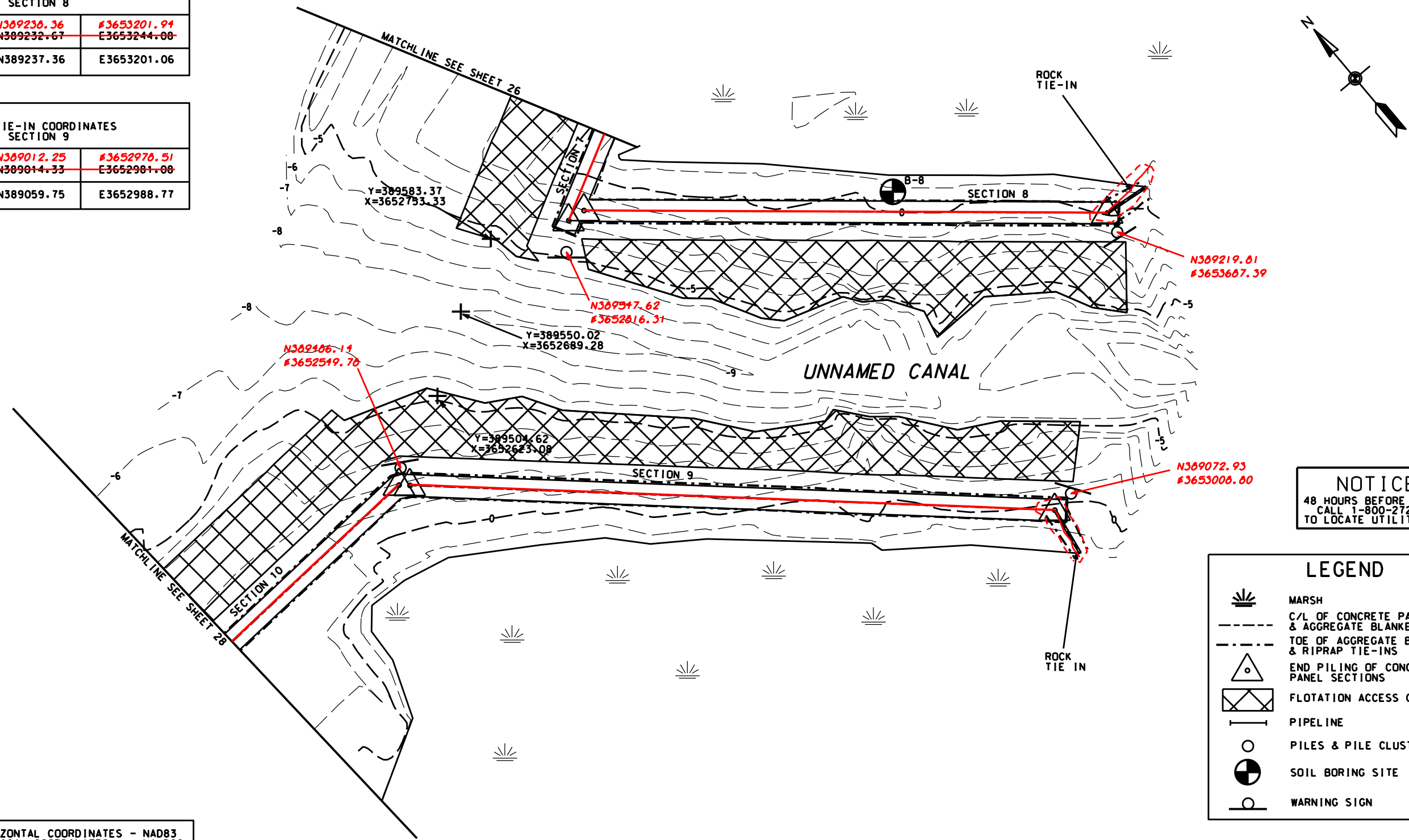
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

NO.	DATE	APPR.	TITLE
1	03/05	B.A.S.	A.S.C.E.

CAD FILENAME
 LA336026A7.DGN
 PROJECT NO.
 LA336
 SHEET NO 26A7 OF 54

ROCK TIE-IN COORDINATES SECTION 8		
STA. 0+00	N389230.36 E3653201.94	N389232.67 E3653244.08
STA. 0+42 0+57	N389237.36	E3653201.06

ROCK TIE-IN COORDINATES SECTION 9		
STA. 0+00	N389012.25 E3652970.51	N389014.33 E3652981.08
STA. 0+46 0+10	N389059.75	E3652988.77



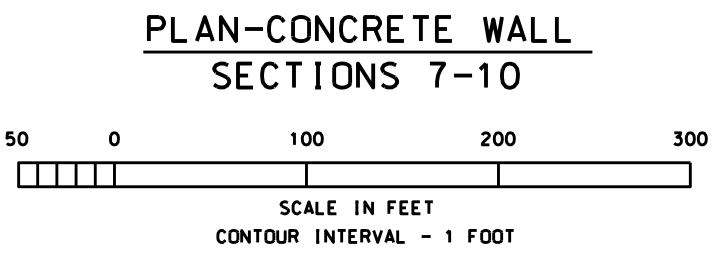
NOTICE:
48 HOURS BEFORE DIGGING
CALL 1-800-272-3020
TO LOCATE UTILITY LINES

LEGEND	
	MARSH
	C/L OF CONCRETE PANELS & AGGREGATE BLANKET
	TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
	END PILING OF CONCRETE PANEL SECTIONS
	FLOTATION ACCESS CHANNEL
	PIPELINE
	PILES & PILE CLUSTERS
	SOIL BORING SITE
	WARNING SIGN

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

REACH 3 CONCRETE SECTIONS			
SECTION NO.	NORTHING	EASTING	BEARING/DISTANCE
7	389609.58	3652932.45	S 62° 25' 24" W
	389550.18	3652818.72	128'
8	389548.19	3652835.30	S 49° 38' 32" E
	389237.36	3653201.06	480'
9	389059.75	3652988.77	N 47° 42' 57" W
	389458.06	3652550.80	592'
10	389464.79	3652543.40	S 86° 51' 29" W
	389448.12	3652239.86	304'

~~389609.97~~ ~~3652932.49~~
~~389550.37~~ ~~3652819.20~~
~~389548.26~~ ~~3652835.33~~
~~389237.42~~ ~~3653201.13~~
~~389059.08~~ ~~3652988.83~~
~~389458.16~~ ~~3652551.14~~
~~389465.23~~ ~~3652543.71~~
~~389448.31~~ ~~3652240.12~~



AMENDMENT#7 - REDUCE BERM WIDTH TO 15'

"AS BUILT"

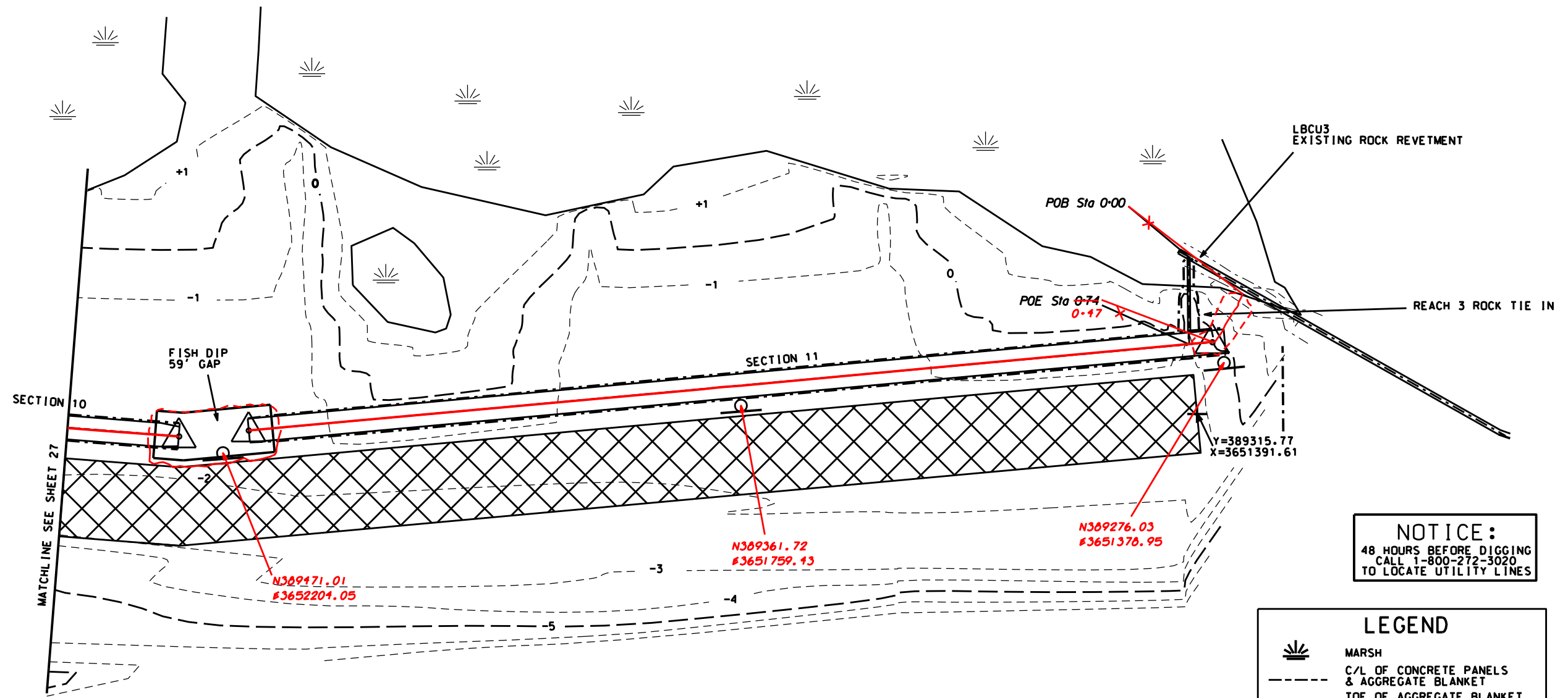
Date	Approved by E.J. GIERING III
06/03	DESIGNED BY C. LAFLEUR
06/03	DRAWN BY D. WILLMORE-P. COLE
06/03	TITLED BY STATE CONSERVATION ENGINEER ALEXANDR I.A. LA.
04/04	CHECKED BY B. STICKER

PLAN-REACH 3 - SECTIONS 7-10
BA-27-BA-27C LANDBRIDGE CU #4
JEFFERSON PARISH, LA.

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

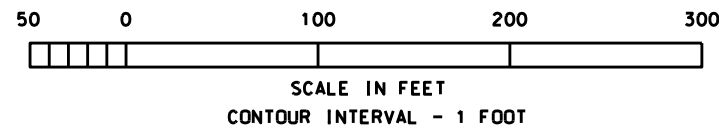
NO.	DATE	APPR.	TITLE
1	03/05	B.A.S.	A.S.C.E.

CAD FILENAME: LA336027A7.DGN
PROJECT NO.: LA336
SHEET NO 27A7 OF 54



BAYOU PEROT

PLAN-CONCRETE WALL
SECTIONS 10-11



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

LEGEND

- MARSH
- C/L OF CONCRETE PANELS & AGGREGATE BLANKET
- TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
- END PILING OF CONCRETE PANEL SECTIONS
- FLOTATION ACCESS CHANNEL
- PIPELINE
- PILES & PILE CLUSTERS
- SOIL BORING SITE
- WARNING SIGN

AMENDMENT#7 - REDUCE BERM WIDTH TO 15'

"AS BUILT"

ROCK TIE-IN COORDINATES SECTION 8		
STA. 0+00	N389210.56 N389185.20	E3651366.01 E3651416.69
STA. 0+74 0+77	N389258.76 N389446.31	E3651406.95 E3652210.12

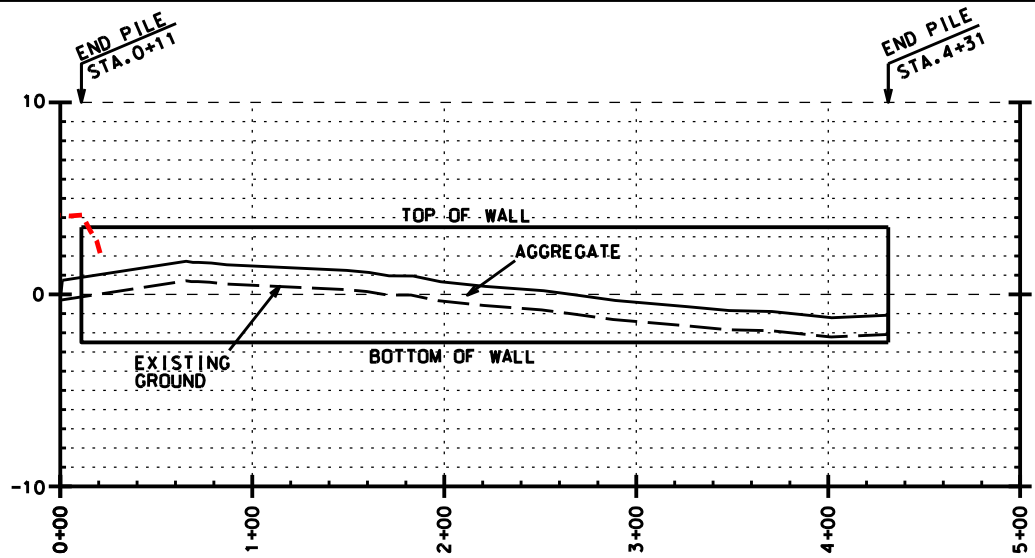
NOTE:
1. SEE SHEET 47 FOR FISH DIP DETAILS.

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

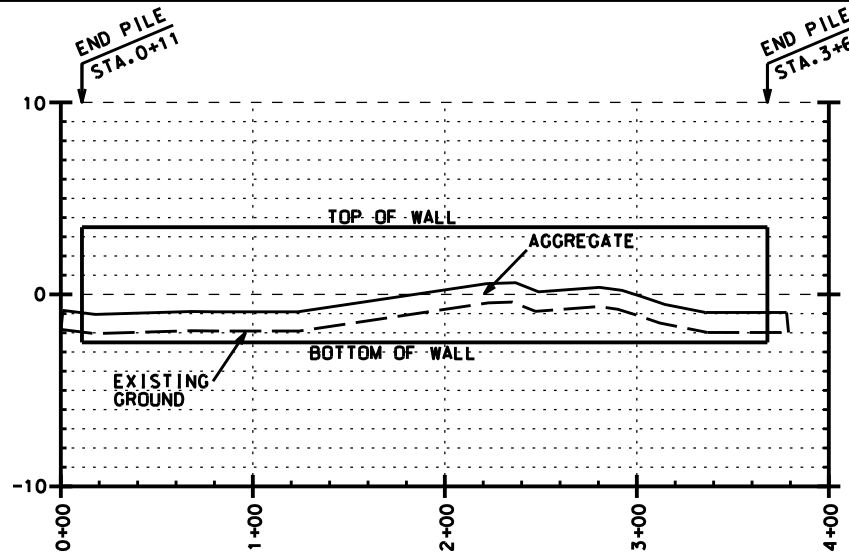
REACH 3 CONCRETE SECTIONS			
SECTION NO.	NORTHING	EASTING	BEARING/ DISTANCE
10	389464.79 389448.12	3652543.40 3652239.86	S 86°51'29"W 304'
11	389435.58 389254.08	3652181.99 3651386.43	816' 816'

~~389465.20~~ 3652543.11
~~389440.31~~ 3652240.12
~~389435.41~~ 3652182.22
~~389253.66~~ 3651386.60

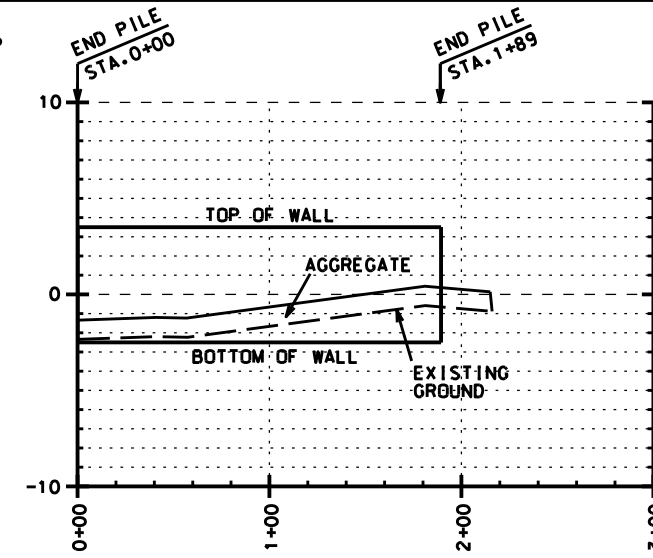
Date	Approved by E.J. GIERING III		
06/03	06/03		
Designed C. LAFLEUR	Title STATE CONSERVATION ENGINEER		
Drawn D. WILLMORE-P. COLE	ALEXANDRIA, LA.		
Traced	Checked		
06/03	04/04		
<p>PLAN-REACH 3 - SECTIONS 10-11 BA-27-BA-27C LANDBRIDGE CU #4 JEFFERSON PARISH, LA.</p>			
<p>U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE</p>			
NO.	DATE	APPR.	TITLE
A7	03/05	B.A.S.	A.S.C.E.
<p>CAD FILENAME LA336028A7.DGN</p>			
<p>PROJECT NO. LA336</p>			
<p>SHEET NO 28A7 OF 54</p>			



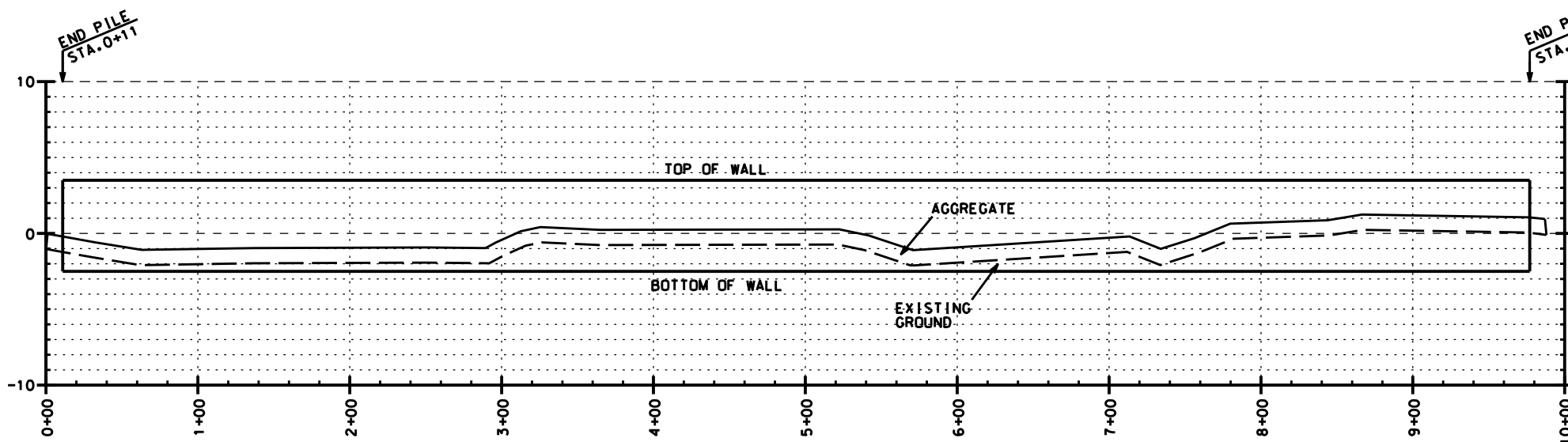
PROFILE REACH1 SECTION1



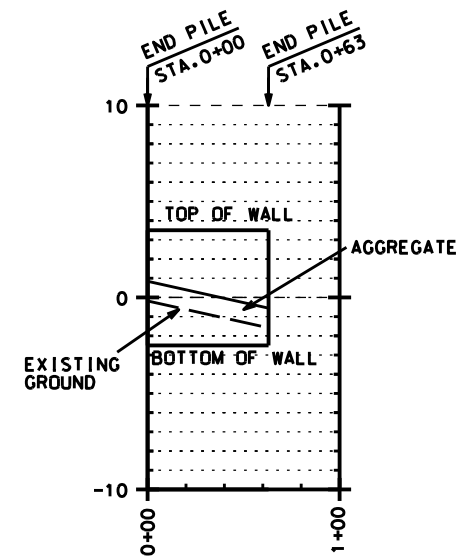
PROFILE REACH1 SECTION2



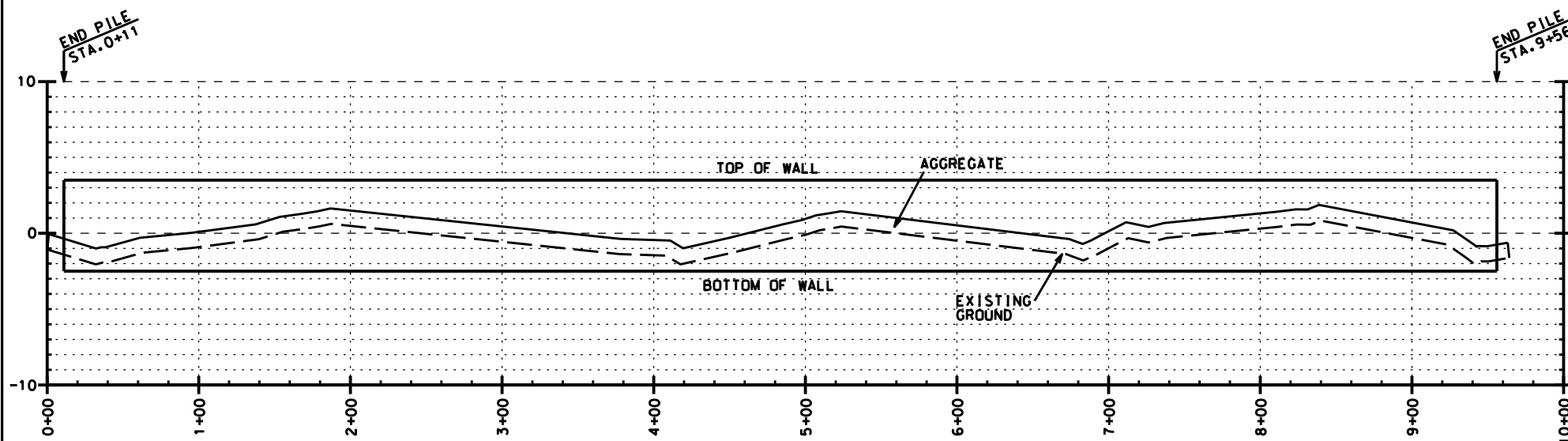
PROFILE REACH1 SECTION3



PROFILE REACH1 SECTION4



PROFILE REACH1 SECTION5



PROFILE REACH1 SECTION6

NOTE:
TOP OF WALL- ELEV.+3.5
SEE SHEET 49 OF 54 FOR DETAILS

"AS BUILT"

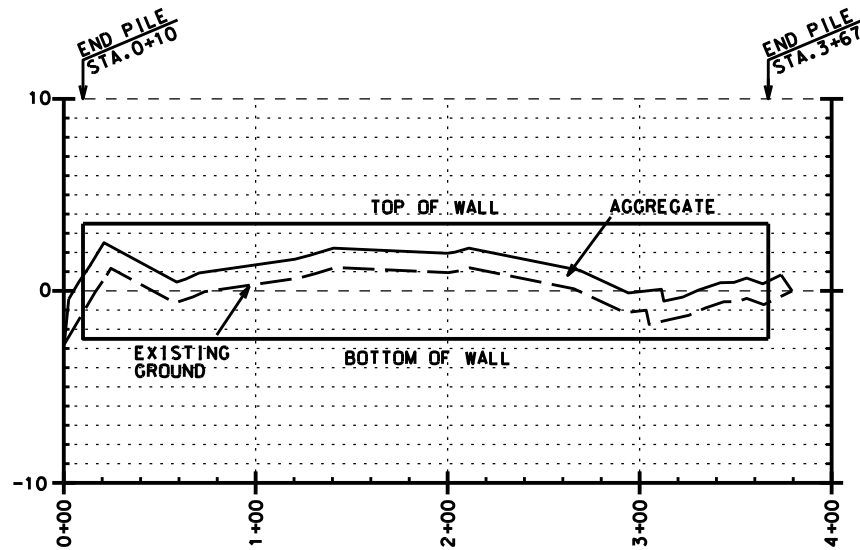
Designed	C. LAFLEUR	Date	08/02
Drawn	G. BURNS	Approved by	E.J. GIERING III
Traced		Title	STATE CONSERVATION ENGINEER
Checked	B. STICKER		ALEXANDRIA, LA.
		Title	
		Date	04/04

PROFILE-REACH 1 SECTIONS 1-6
BA-27-BA-27C LANDBRIDGE CU #4
JEFFERSON PARISH, LA.

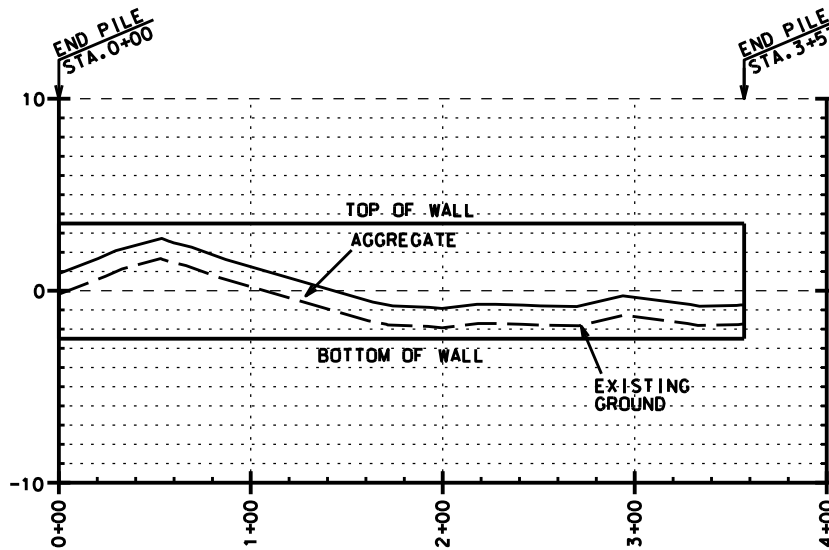
NO.	DATE	APPR.	TITLE

CAD FILENAME
LA336029.DGN
PROJECT NO.
LA336
SHEET NO 29 OF 54

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

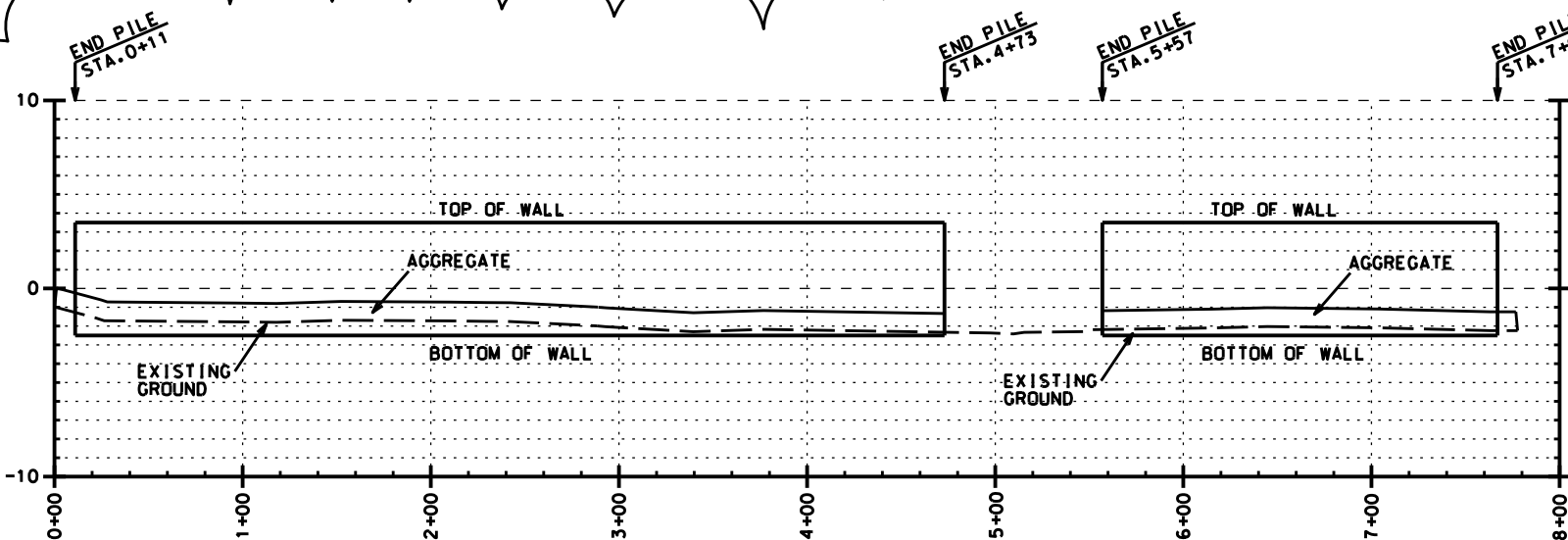


PROFILE REACH1 SECTION11



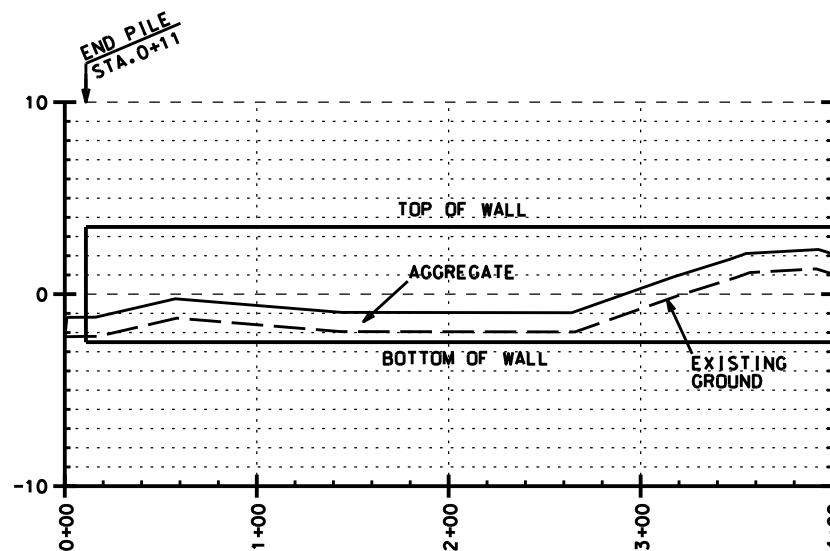
PROFILE REACH1 SECTION12

NOTE:
TOP OF WALL - ELEV. +3.5
SEE SHEET 49 OF 54 FOR DETAILS



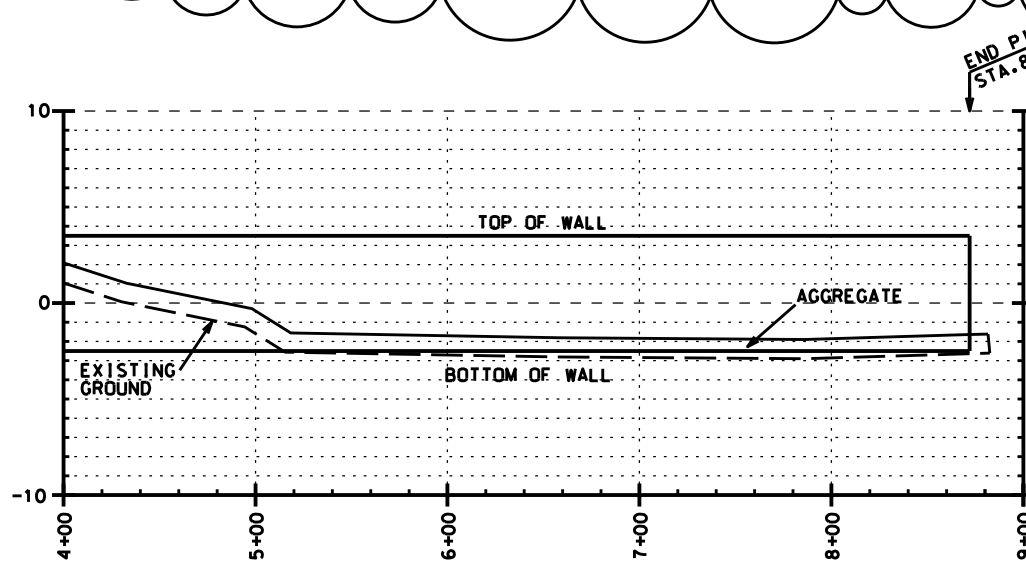
PROFILE REACH1 SECTION13A

PROFILE REACH1 SECTION13B

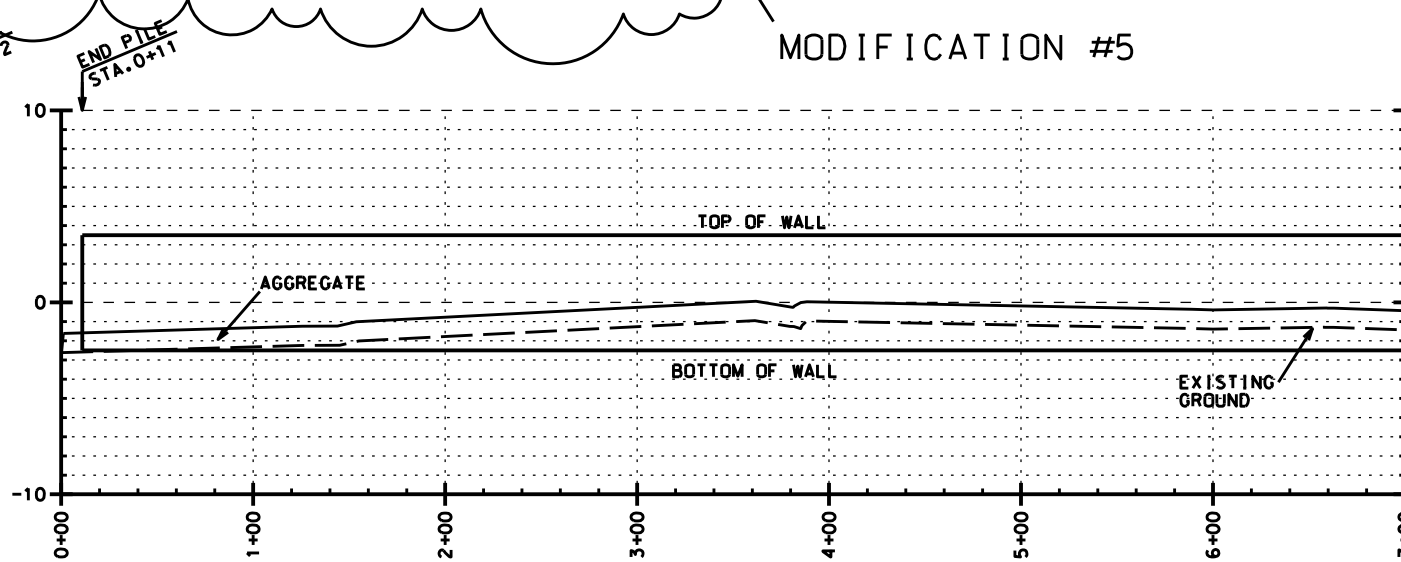


PROFILE REACH1 SECTION14

MODIFICATION #5



PROFILE REACH1 SECTION14 (CONT.)



PROFILE REACH1 SECTION15

"AS BUILT"

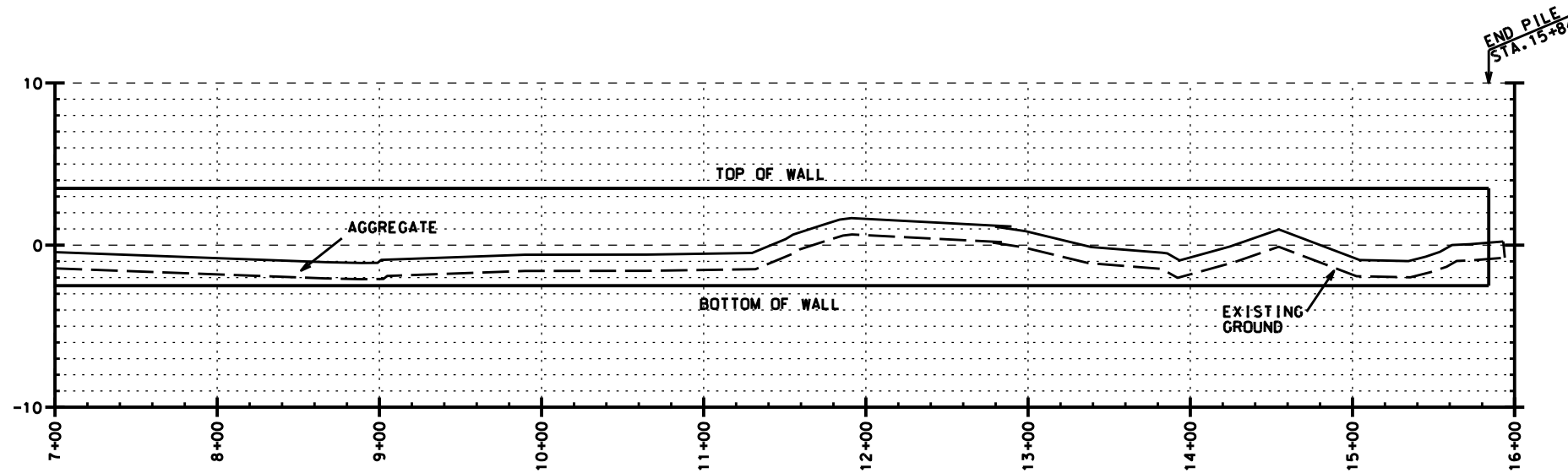
Approved by	E.J. GIERING III	Date	08/02
Designed	C. LAFLEUR	Title	STATE CONSERVATION ENGINEER
Drawn	G. BURNS	Title	ALEXANDRIA, LA.
Traced	D. WILLMORE	Title	
Checked		Date	04/04

PROFILE-REACH 1 SECTION 11-15
BA-27-BA-27C LANDBRIDGE CU #4
JEFFERSON PARISH, LA.

NO.	DATE	APPR.	TITLE
M5	12/07	B.A.S.	A.S.C.E.

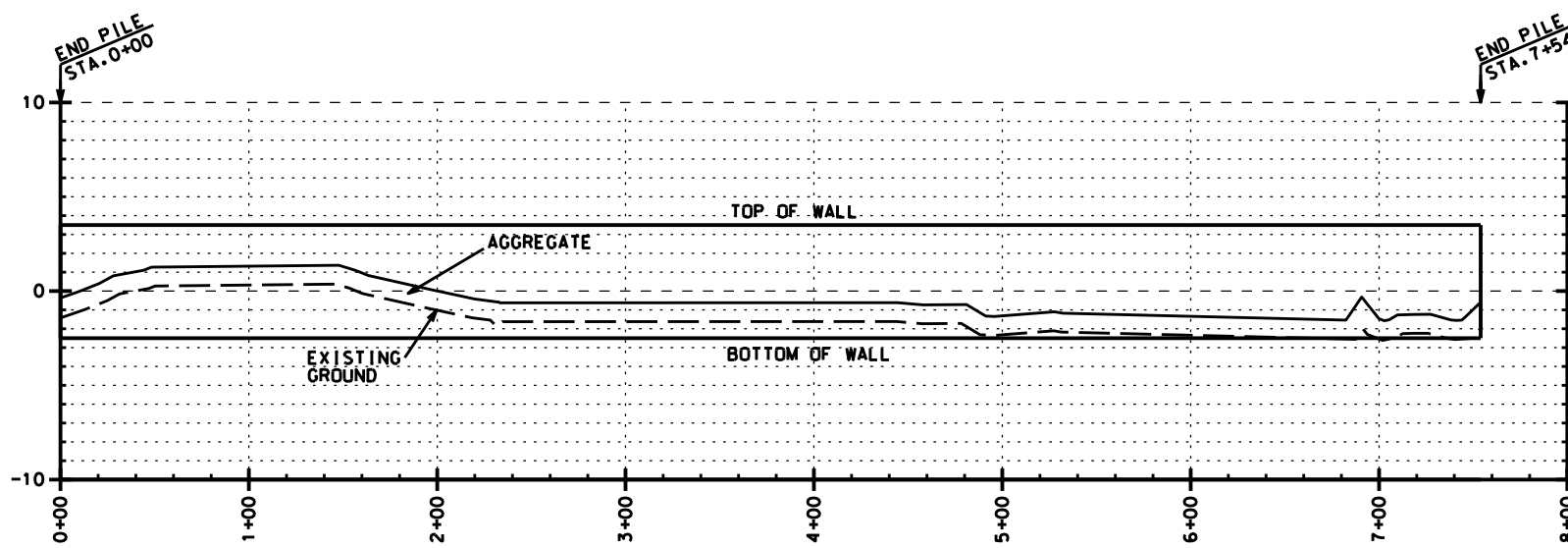
CAD FILENAME
LA336031M5.DGN
PROJECT NO.
LA336
SHEET NO 31M5 OF 54

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

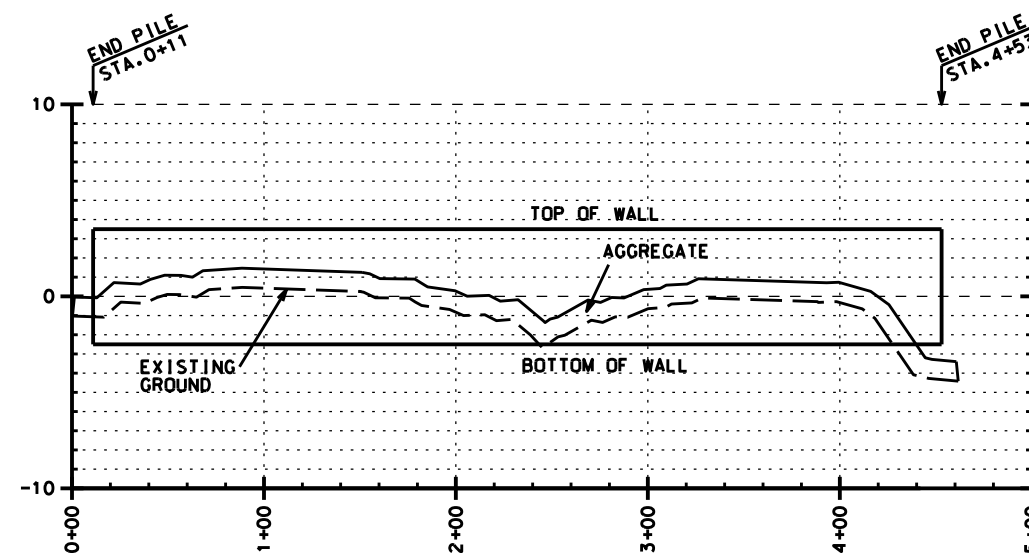


NOTE:
TOP OF WALL - ELEV. +3.5
SEE SHEET 49 OF 54 FOR DETAILS

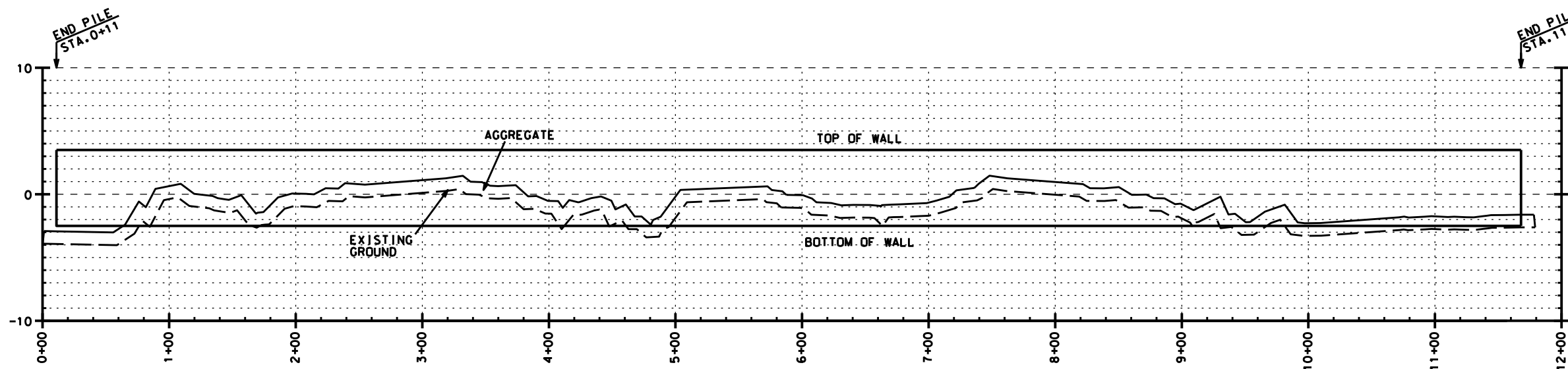
PROFILE REACH1 SECTION15 (CONT.)



PROFILE REACH1 SECTION16



PROFILE REACH1 SECTION17



PROFILE REACH1 SECTION18

"AS BUILT"

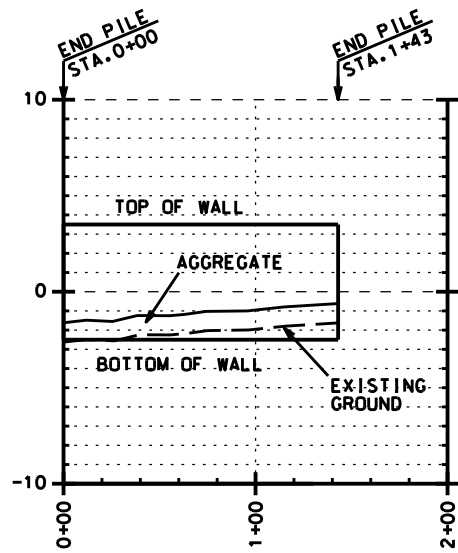
Designed	C. LAFLEUR	Date	08/02
Drawn	D. WILLMORE/P. COLE	Approved by	E. J. GIERING III
Traced	B. STICKER	Title	STATE CONSERVATION ENGINEER
Checked	B. STICKER	Title	ALEXANDRIA, LA.

PROFILE-REACH 1 SECTION 15-18
BA-27-BA-27C LANDBRIDGE CU #4
JEFFERSON PARISH, LA.

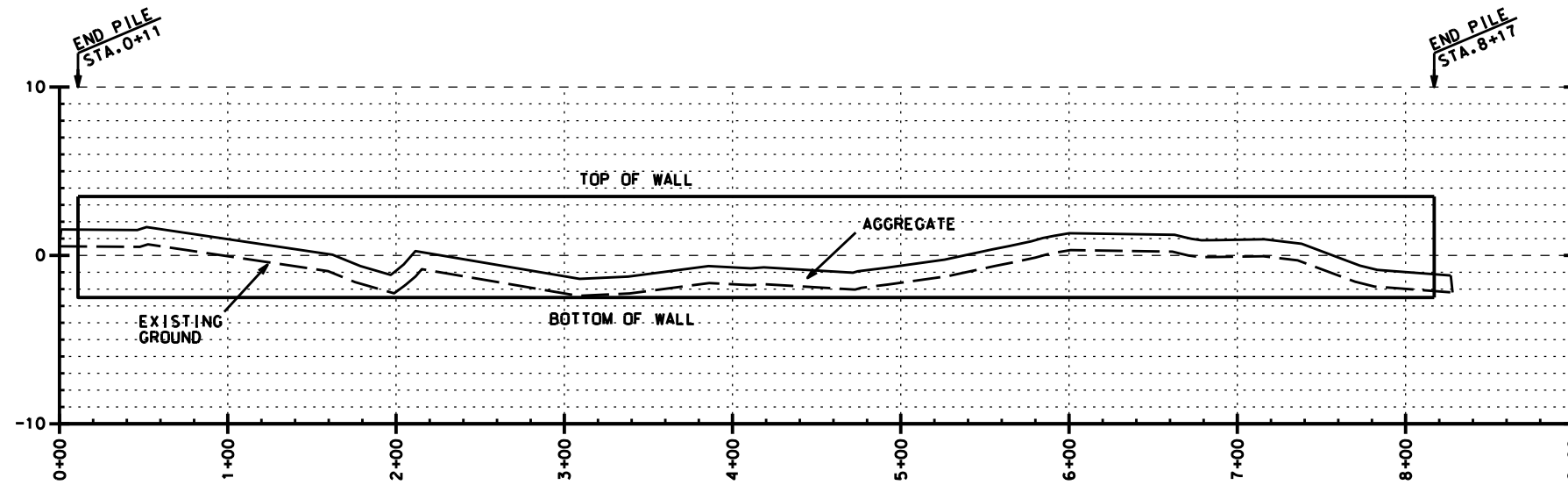
NO.	DATE	APPR.	TITLE

CAD FILENAME
LA336032.DGN
PROJECT NO.
LA336
SHEET NO 32 OF 54

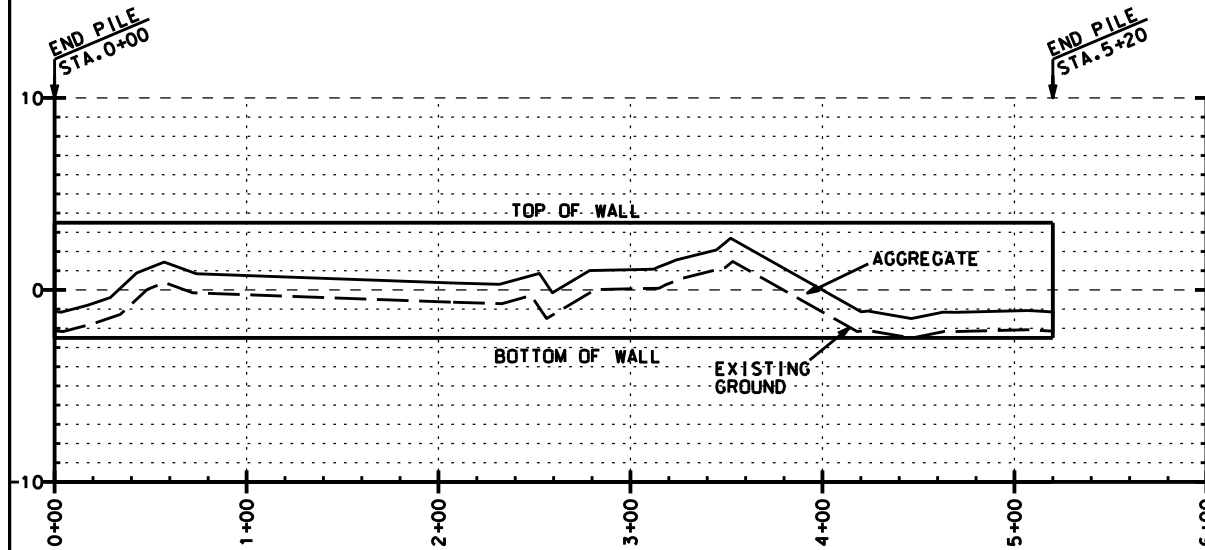
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE



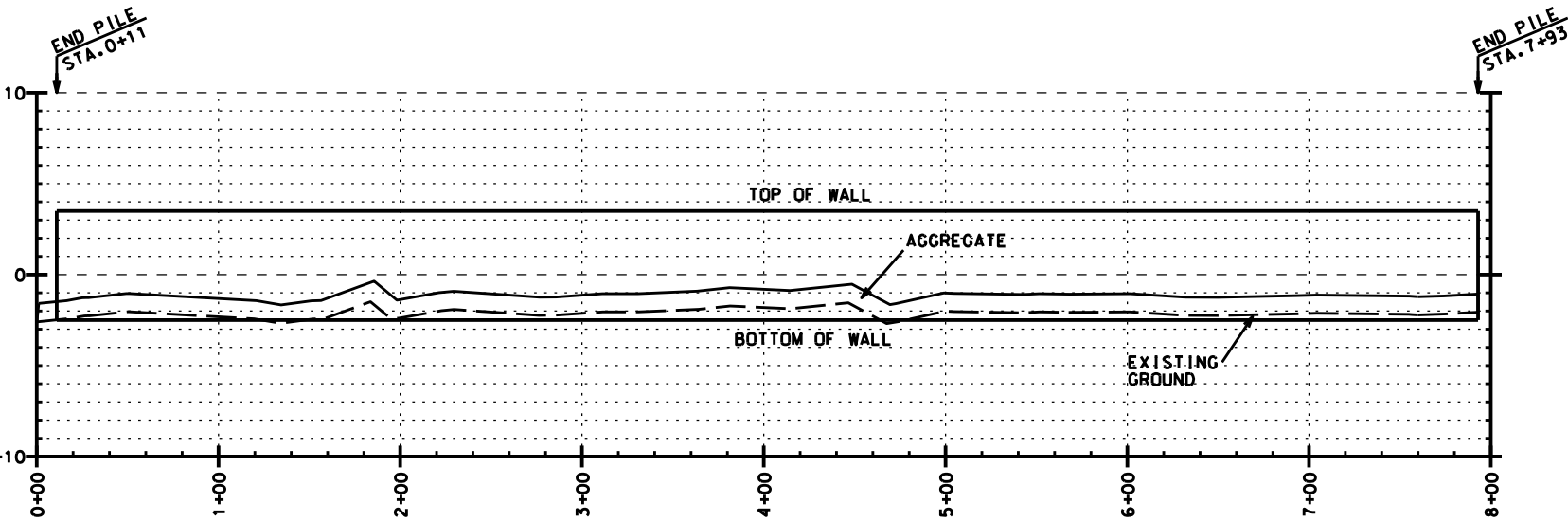
PROFILE REACH1 SECTION19



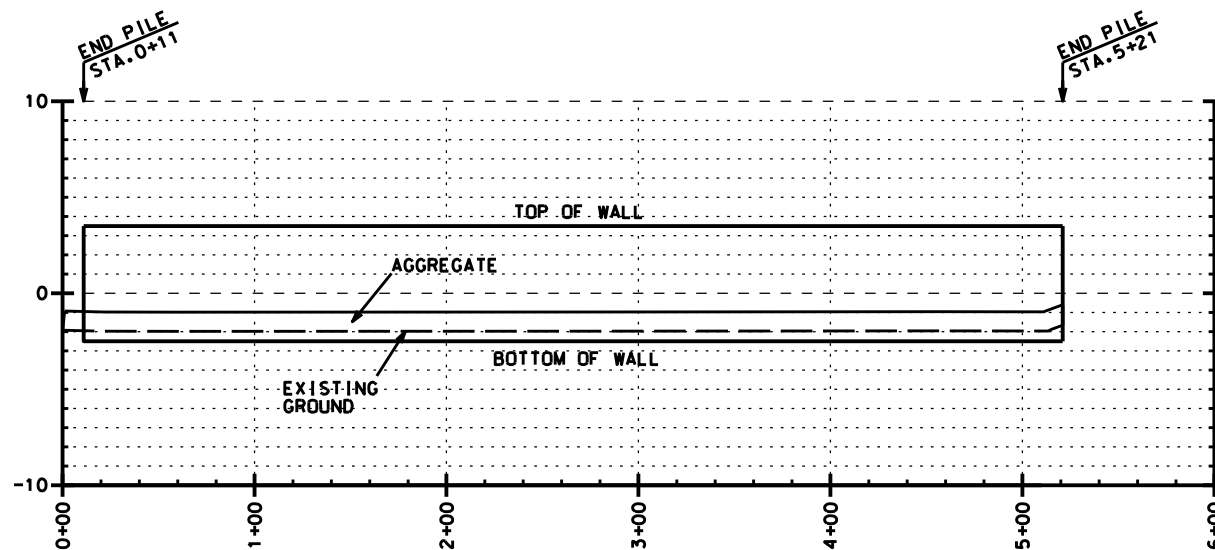
PROFILE REACH1 SECTION20



PROFILE REACH1 SECTION21



PROFILE REACH1 SECTION22



PROFILE REACH1 SECTION23

NOTE:
TOP OF WALL - ELEV. +3.5
SEE SHEET 49 OF 54 FOR DETAILS

"AS BUILT"

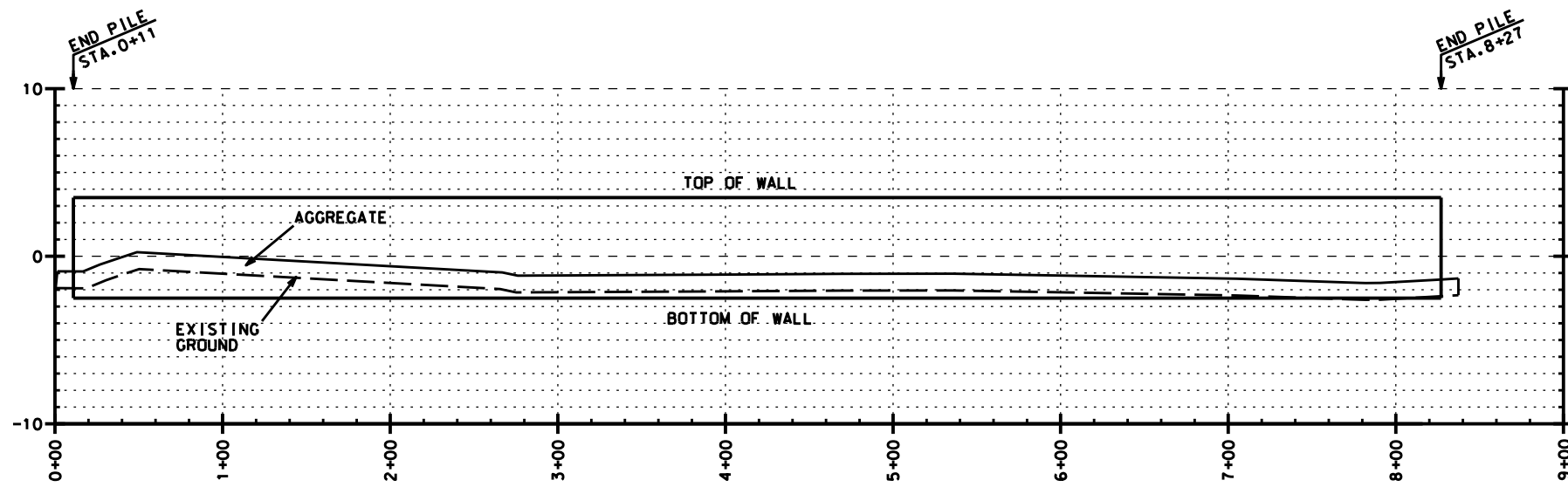
Designed	C. LAFLEUR	Date	08/02
Drawn	G. BURNS	Approved by	E. J. GIERING III
Traced	B. STICKER	Title	STATE CONSERVATION ENGINEER
Checked	B. STICKER	Title	ALEXANDRIA, LA.

PROFILE-REACH 1 SECTION 19-23
BA-27-BA-27C LANDBRIDGE CU #4
JEFFERSON PARISH, LA.

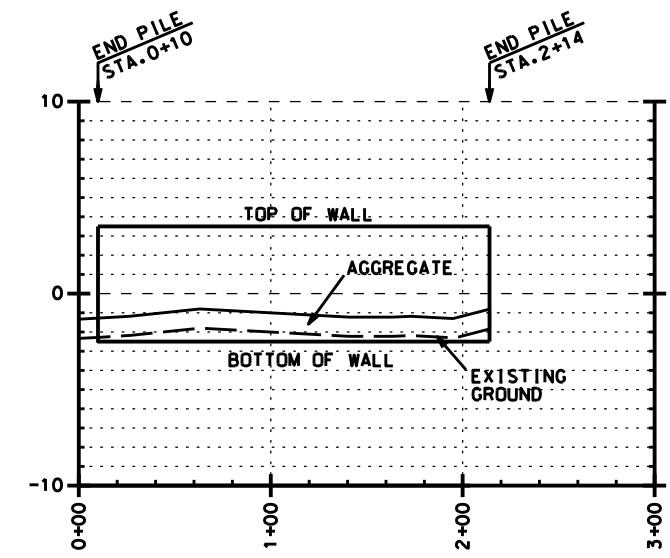
NO.	DATE	APPR.	TITLE

CAD FILENAME
LA336033.DGN
PROJECT NO.
LA336
SHEET NO 33 OF 54

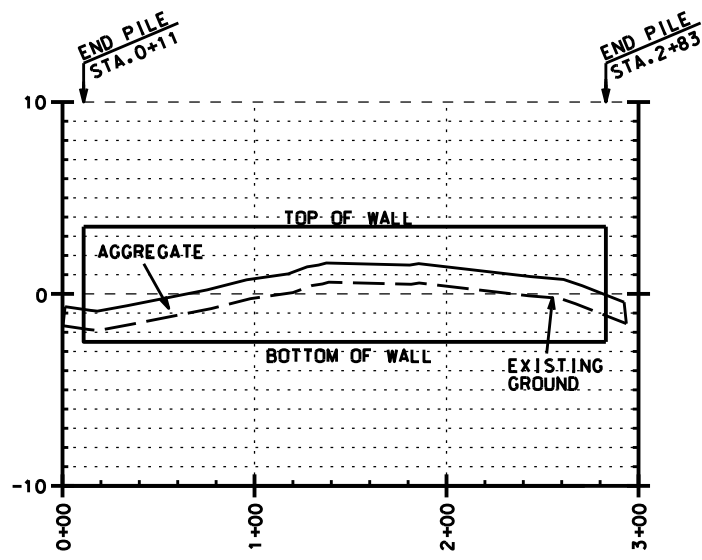
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE



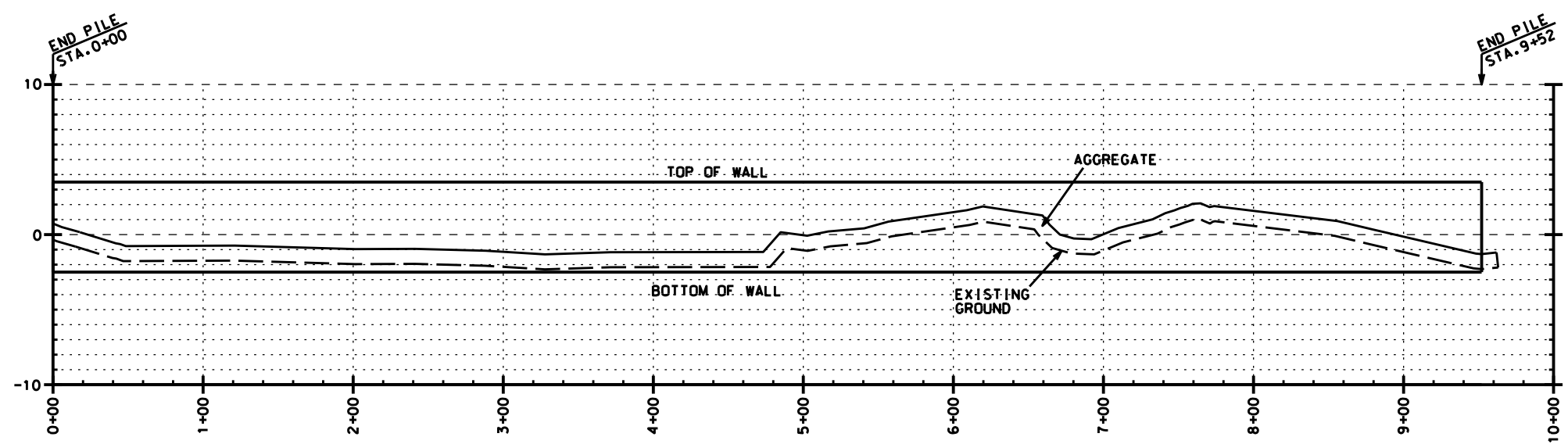
PROFILE REACH1 SECTION24



PROFILE REACH1 SECTION25



PROFILE REACH1 SECTION26



PROJECT REACH1 SECTION27

NOTE:
TOP OF WALL - ELEV. +3.5
SEE SHEET 49 OF 54 FOR DETAILS

"AS BUILT"

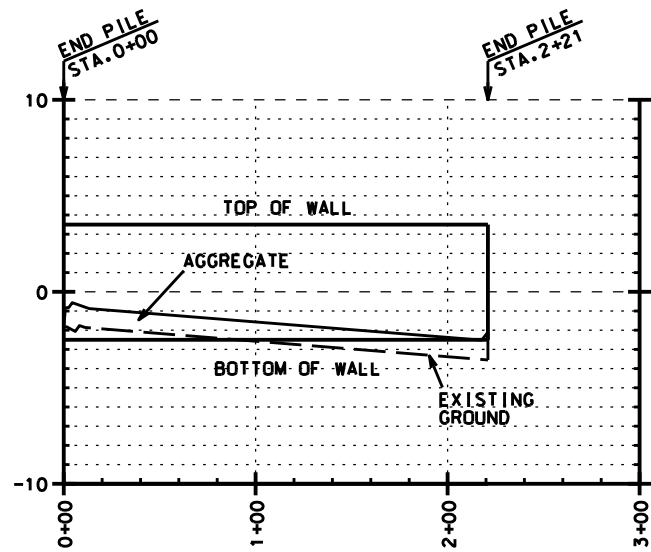
Designed	C. LAFLEUR	Date	08/02
Drawn	G. BURNS	Approved by	E. J. GIERING III
Traced	B. STICKER	Title	STATE CONSERVATION ENGINEER
Checked	B. STICKER	Title	ALEXANDRIA, LA.

PROFILE-REACH 1 SECTION 24-27
BA-27-BA-27C LANDBRIDGE CU #4
JEFFERSON PARISH, LA.

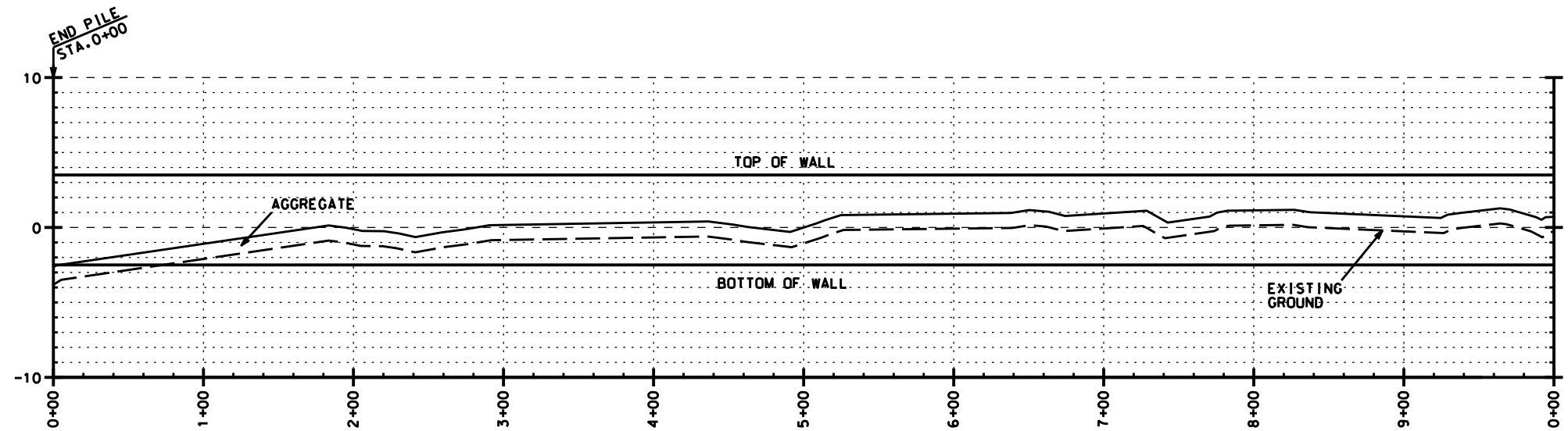
REVISIONS	
NO.	DATE

CAD FILENAME
LA336034.DGN
PROJECT NO.
LA336
SHEET NO 34 OF 54

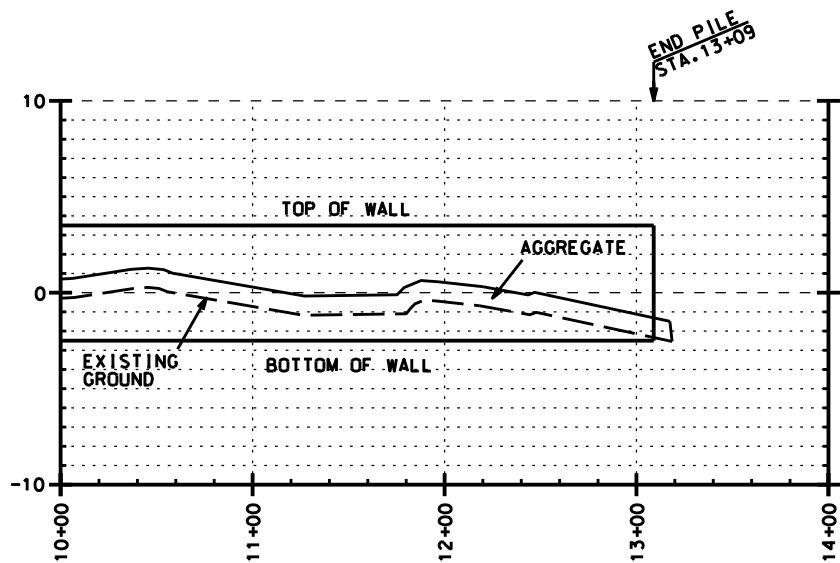
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE



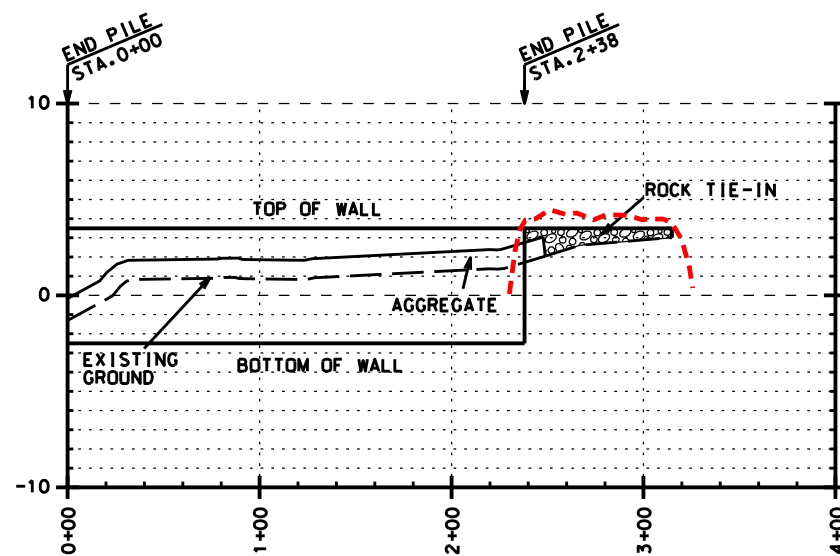
PROFILE REACH1 SECTION28



PROFILE REACH1 SECTION29



PROFILE REACH1 SECTION29 (CONT.)



PROFILE REACH1 SECTION30

NOTE:
TOP OF WALL- ELEV. +3.5
SEE SHEET 49 OF 54 FOR DETAILS

"AS BUILT"

Approved by	E.J. GIERING III	Date	08/02
Title	STATE CONSERVATION ENGINEER	Date	08/02
Traced	ALEXANDRIA, LA.	Checked	B. STICKER
Drawn	G. BURNS	Title	04/04
Designed	C. LAFLEUR	Title	

PROFILE-REACH 1 SECTION 28-30
BA-27-BA-27C LANDBRIDGE CU #4
JEFFERSON PARISH, LA.

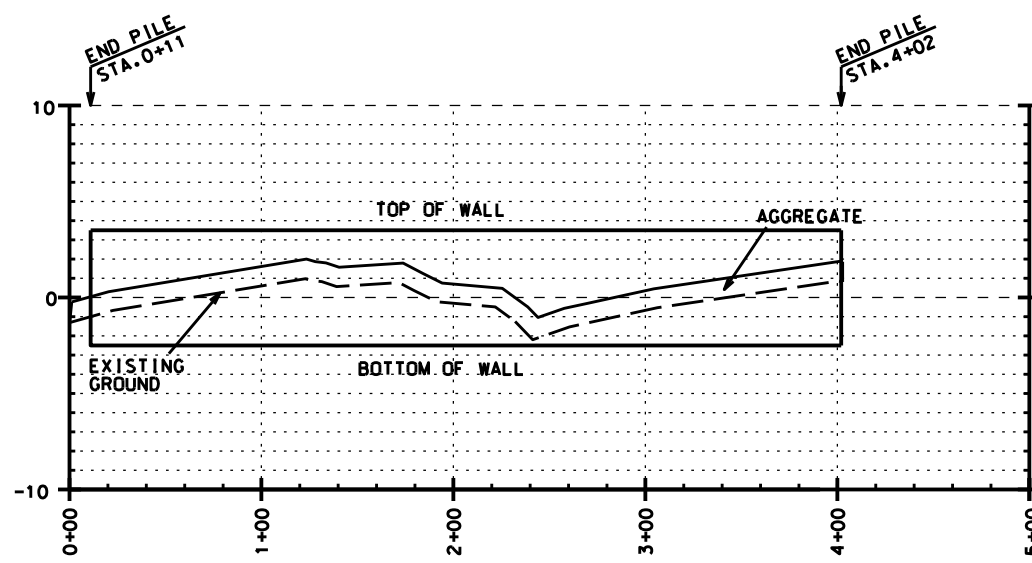
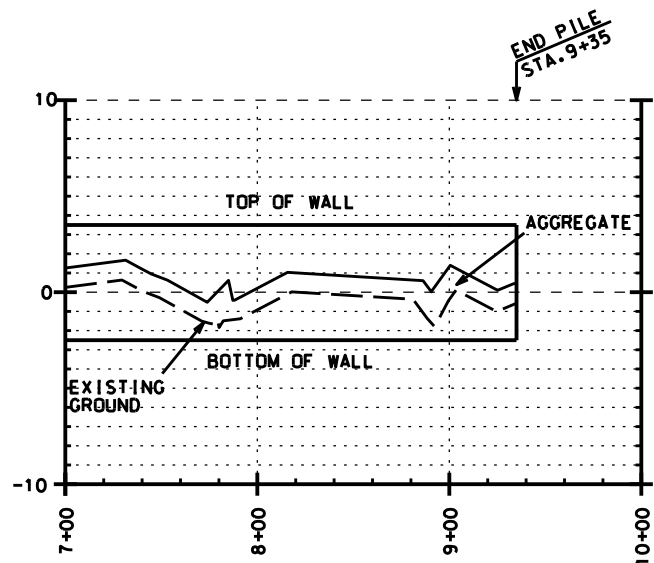
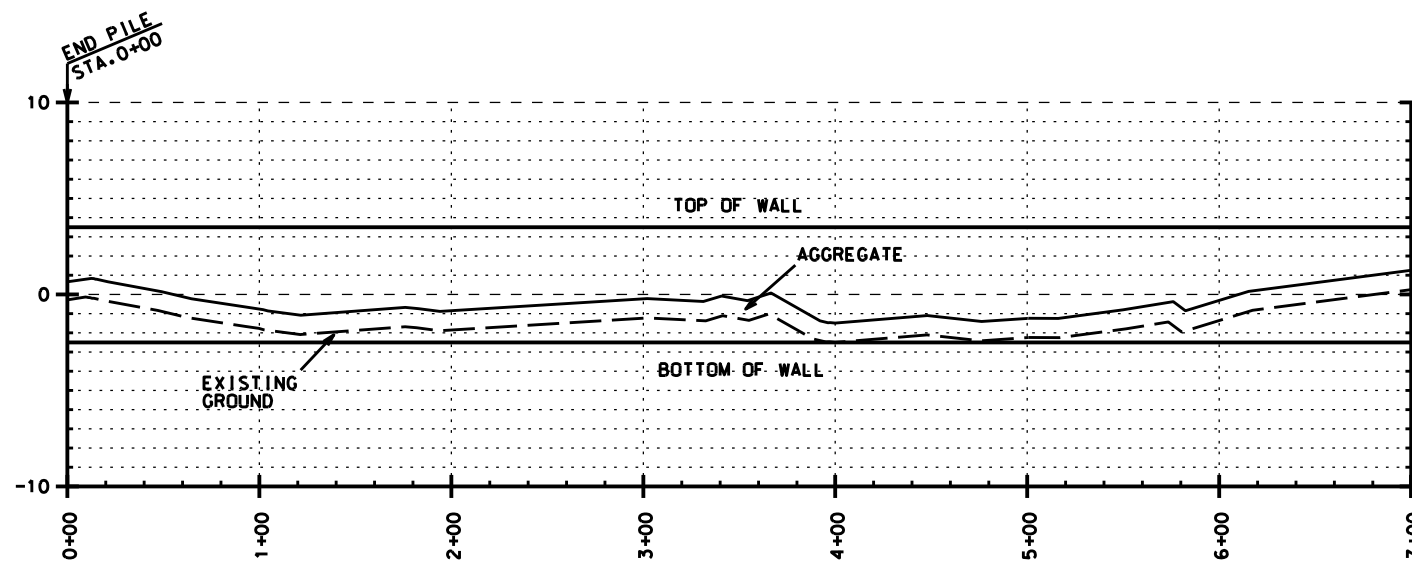
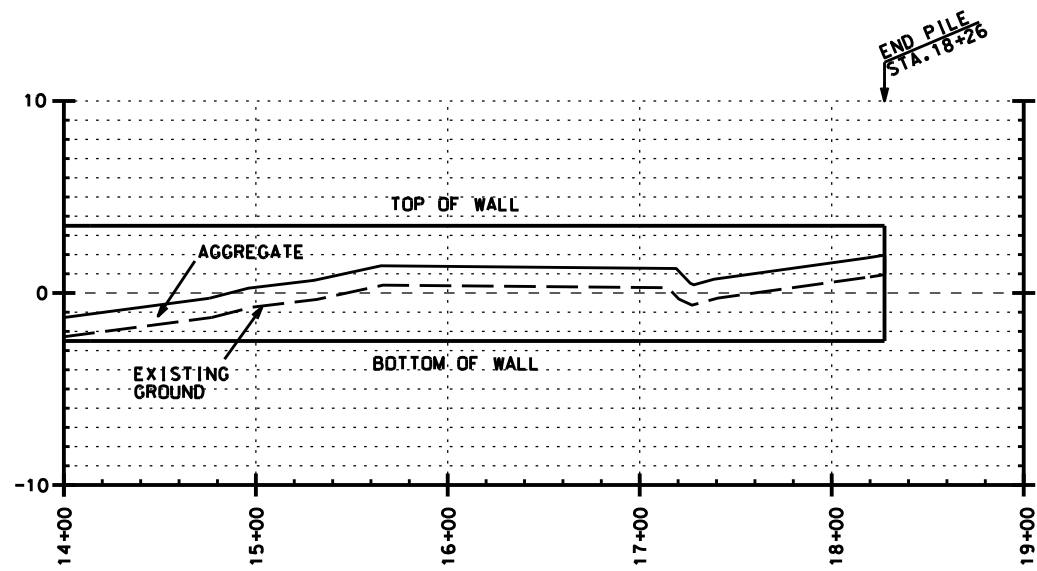
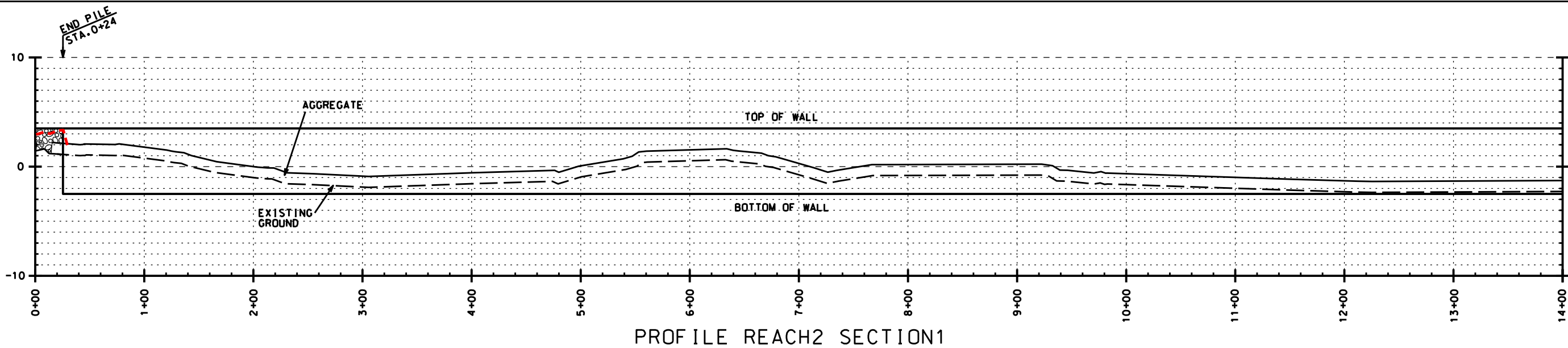
REVISIONS	
NO.	TITLE

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

CAD FILENAME
LA336035.DGN

PROJECT NO.
LA336

SHEET NO 35 OF 54



NOTE:
TOP OF WALL - ELEV. +3.5
SEE SHEET 49 OF 54 FOR DETAILS

PROFILE REACH2 SECTION2 (CONT.)

PROFILE REACH2 SECTION3

"AS BUILT"

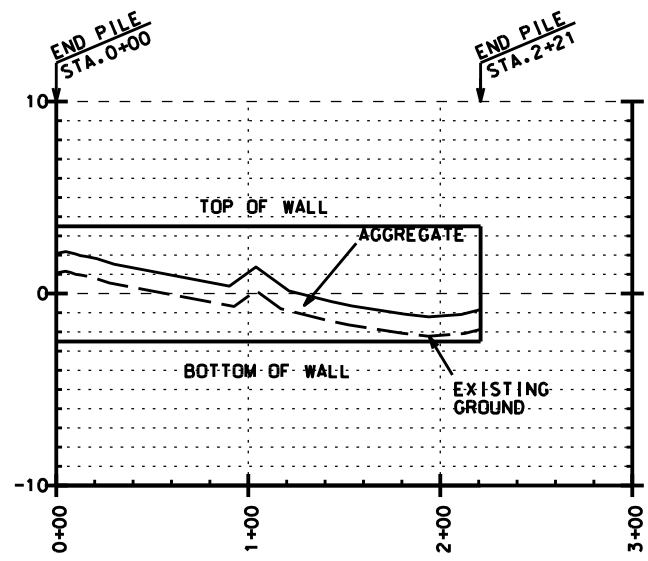
Designed	C. LAFLEUR	Date	08/02
Drawn	G. BURNS	Approved by	E.J. GIERING III
Traced		Title	STATE CONSERVATION ENGINEER
Checked	B. STICKER		ALEXANDRIA, LA.
		Title	
		Date	04/04

PROFILE-REACH 2 SECTION 1-3
BA-27-BA-27C LANDBRIDGE CU #4
JEFFERSON PARISH, LA.

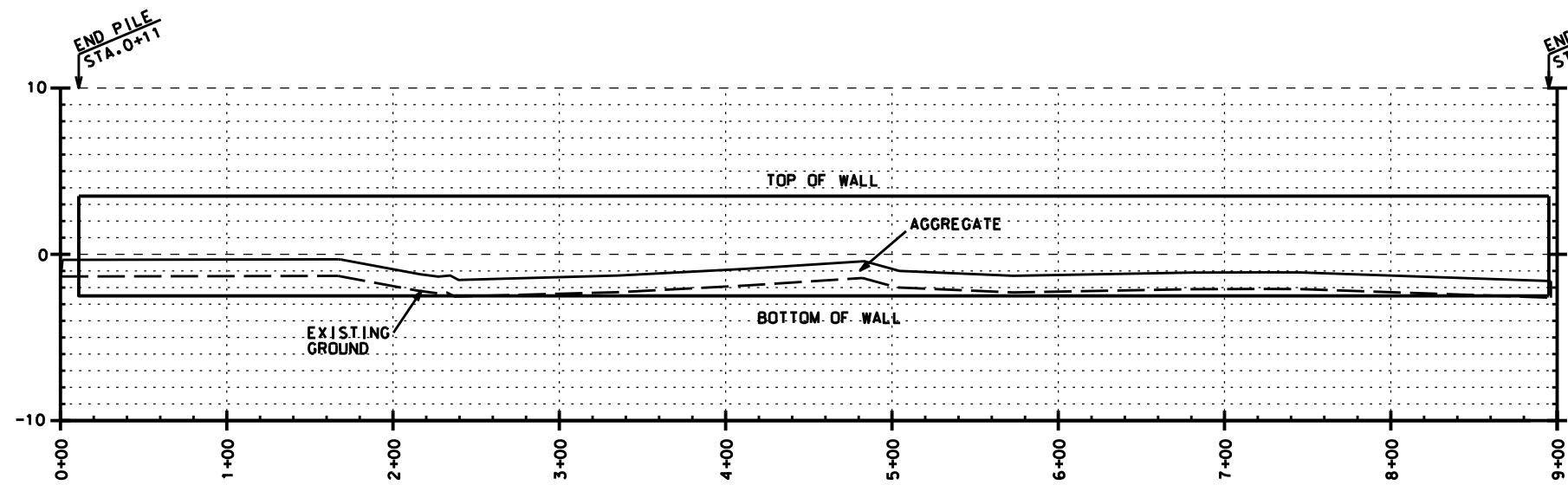
NO.	DATE	APPR.	TITLE

CAD FILENAME
LA336036.DGN
PROJECT NO.
LA336
SHEET NO 36 OF 54

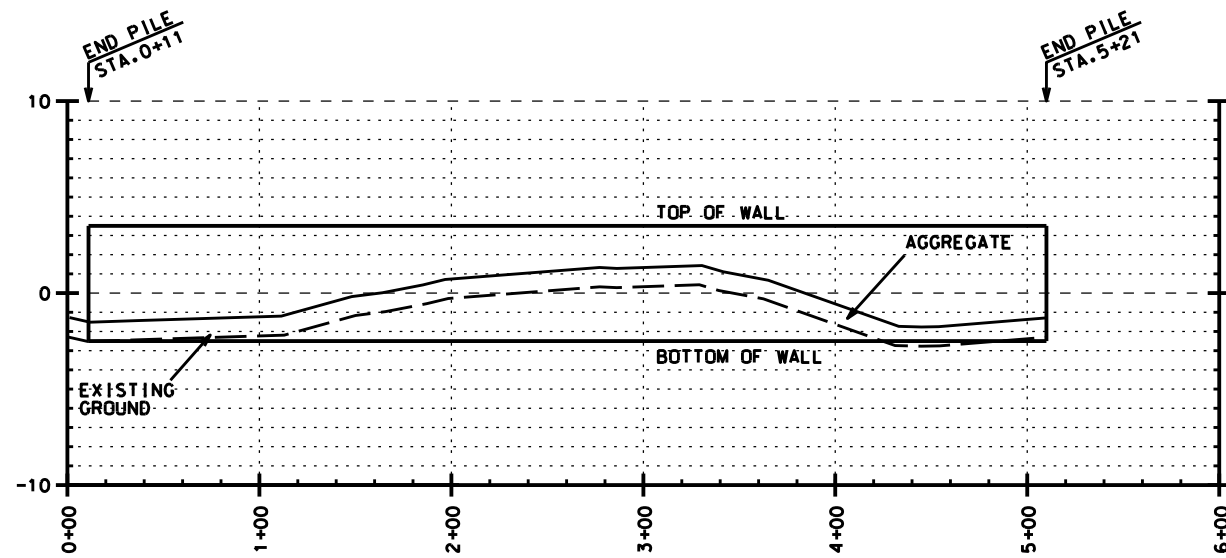
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE



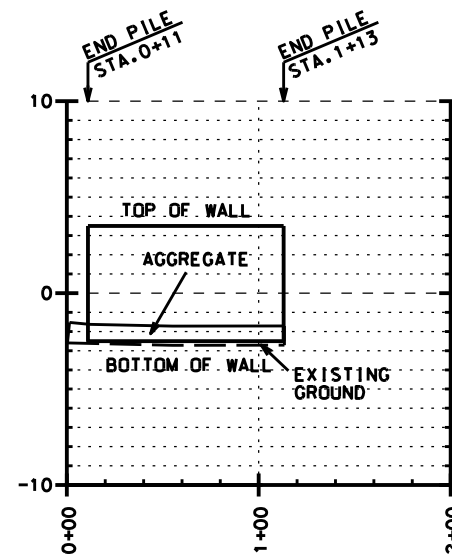
PROFILE REACH2 SECTION4



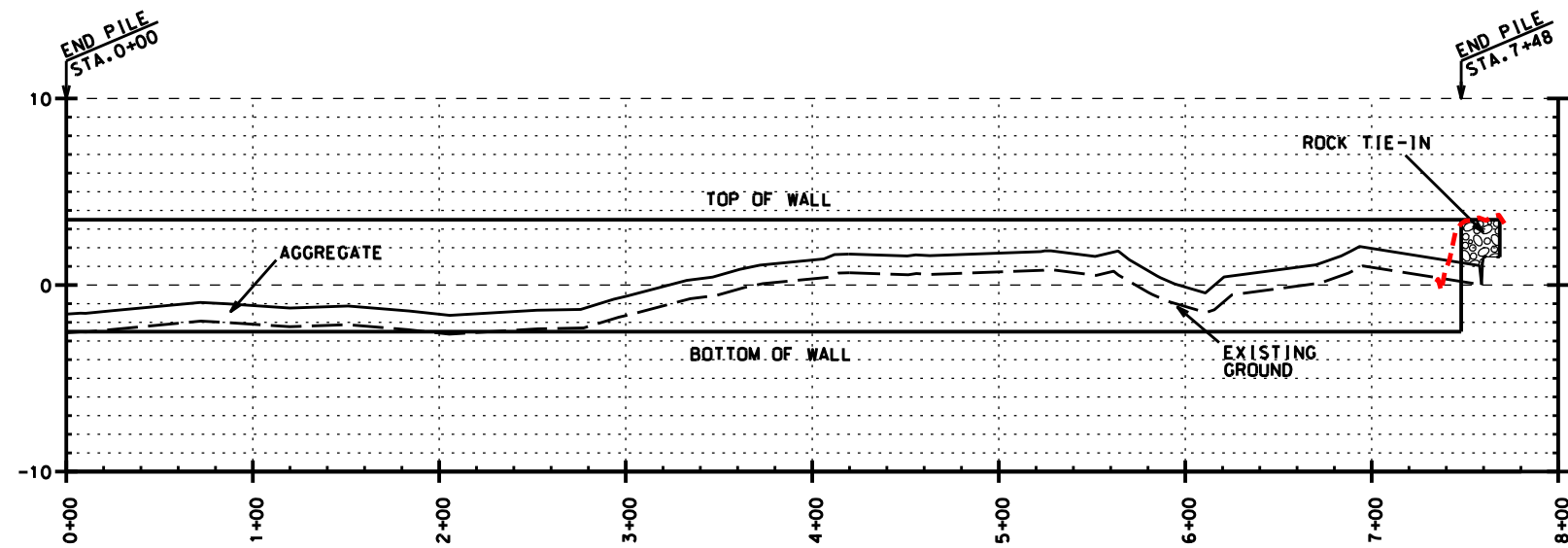
PROFILE REACH2 SECTION5



PROFILE REACH2 SECTION6



PROFILE REACH2 SECTION7



PROFILE REACH2 SECTION8

NOTE:
TOP OF WALL - ELEV. +3.5
SEE SHEET 49 OF 54 FOR DETAILS

"AS BUILT"

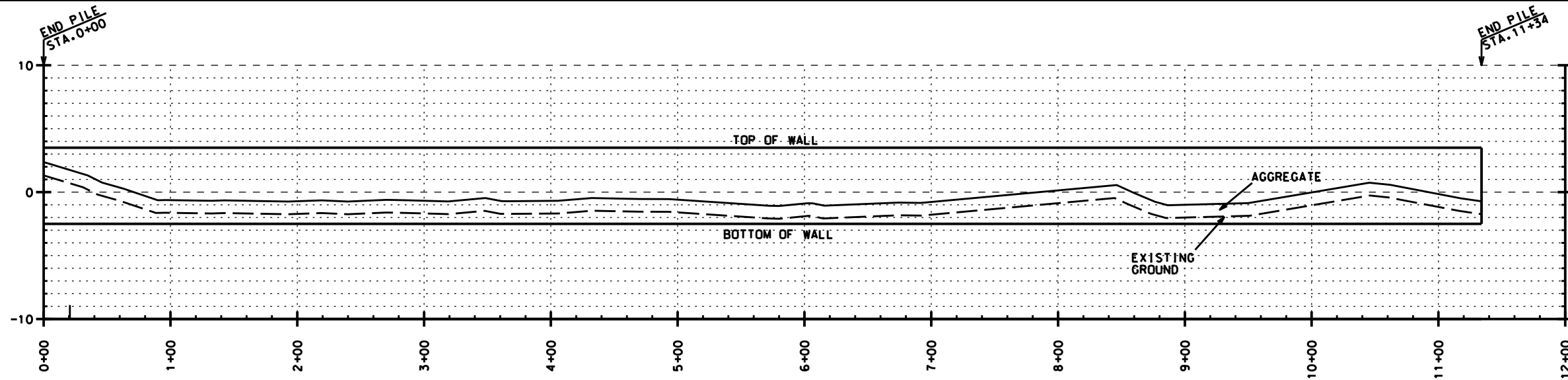
Designed	C. LAFLEUR	Date	08/02
Drawn	G. BURNS	Approved by	E. J. GIERING III
Traced		Title	STATE CONSERVATION ENGINEER
Checked	B. STICKER		ALEXANDRIA, LA.

PROFILE-REACH 2 SECTION 4-8
BA-27-BA-27C LANDBRIDGE CU #4
JEFFERSON PARISH, LA.

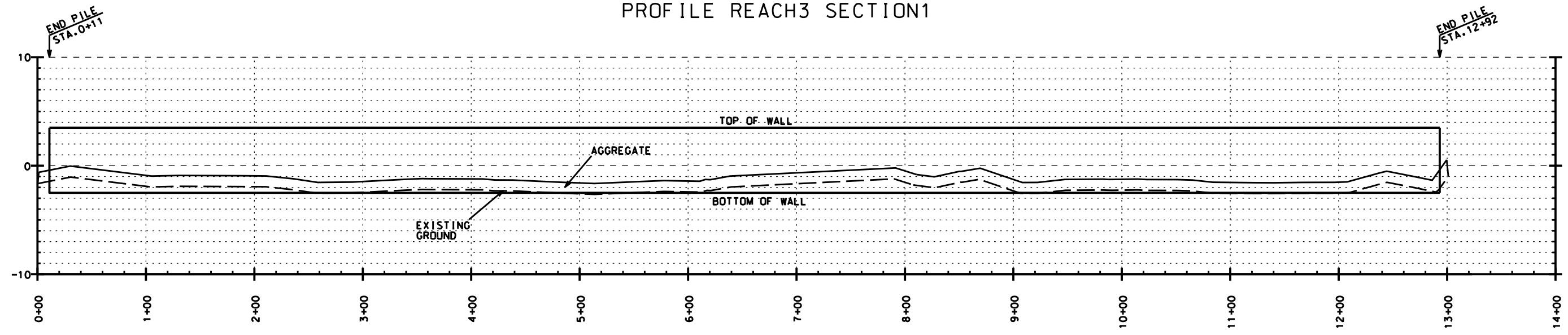
REVISIONS	
NO.	DATE

CAD FILENAME
LA336037.DGN
PROJECT NO.
LA336
SHEET NO 37 OF 54

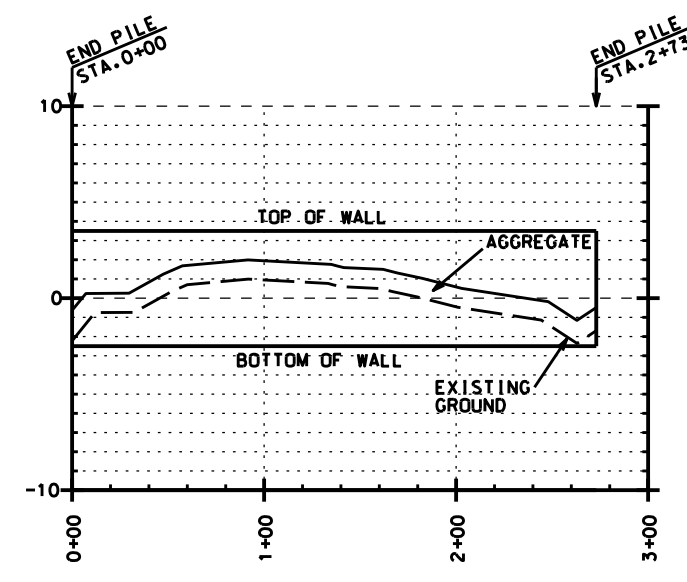
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE



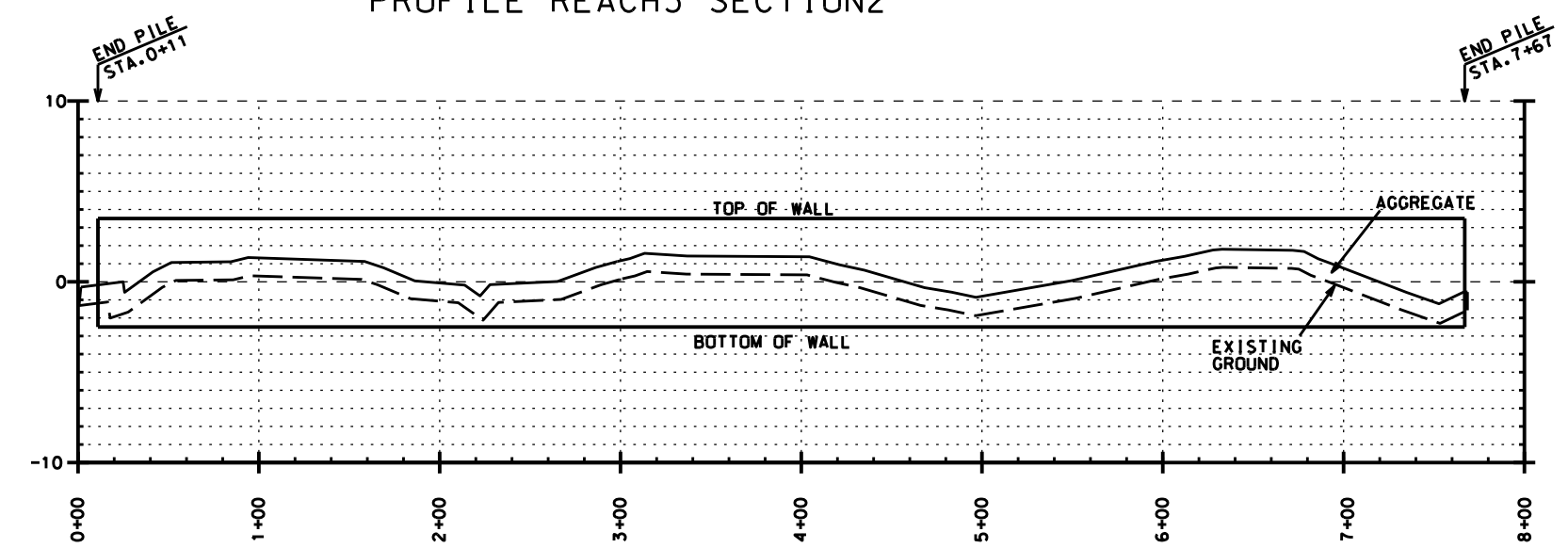
PROFILE REACH3 SECTION1



PROFILE REACH3 SECTION2



PROFILE REACH3 SECTION3



PROFILE REACH3 SECTION4

NOTE:
TOP OF WALL - ELEV. +3.5
SEE SHEET 49 OF 54 FOR DETAILS

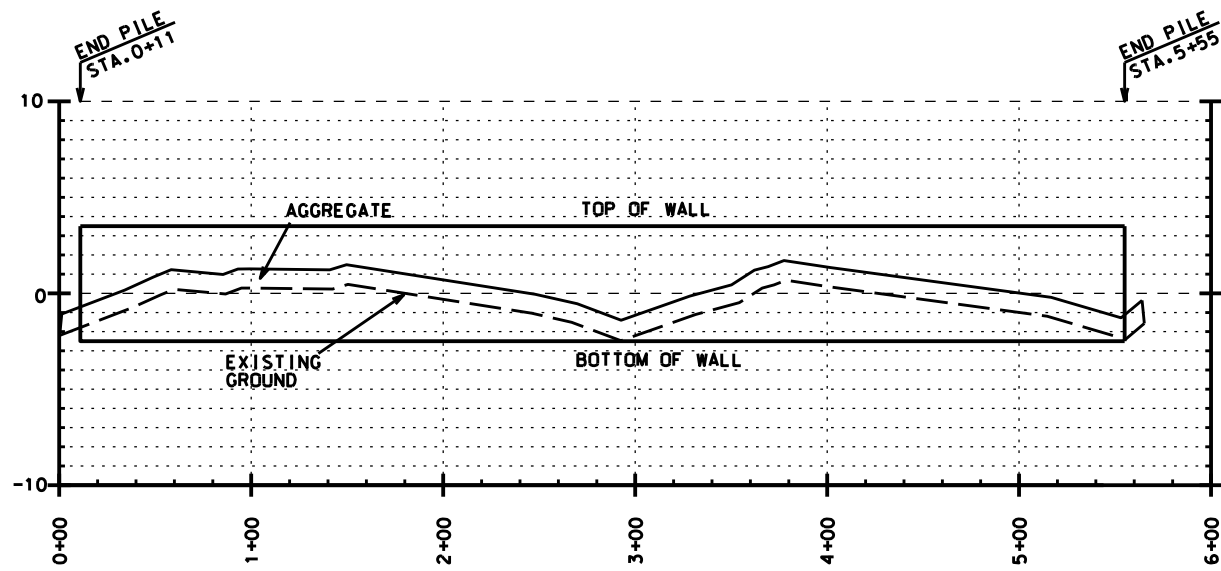
"AS BUILT"

Designed	C. LAFLEUR	Date	08/02
Drawn	G. BURNS	Approved by	E. J. GIERING III
Traced		Title	STATE CONSERVATION ENGINEER
Checked	B. STICKER		ALEXANDRIA, LA.

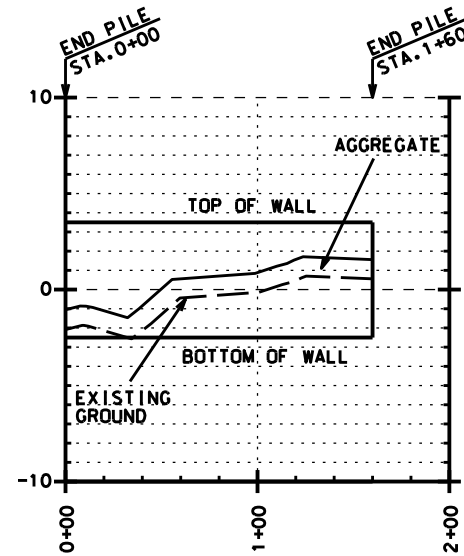
PROFILE-REACH 3 SECTION 1-4
BA-27-BA-27C LANDBRIDGE CU #4
JEFFERSON PARISH, LA.

NO.	DATE	APPR.	TITLE

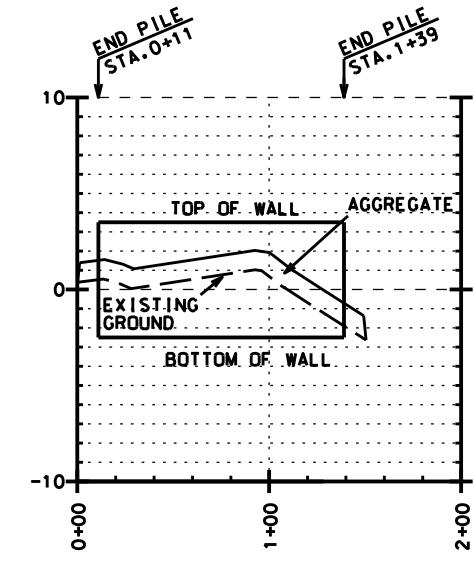
CAD FILENAME
LA336038.DGN
PROJECT NO.
LA336
SHEET NO 38 OF 54



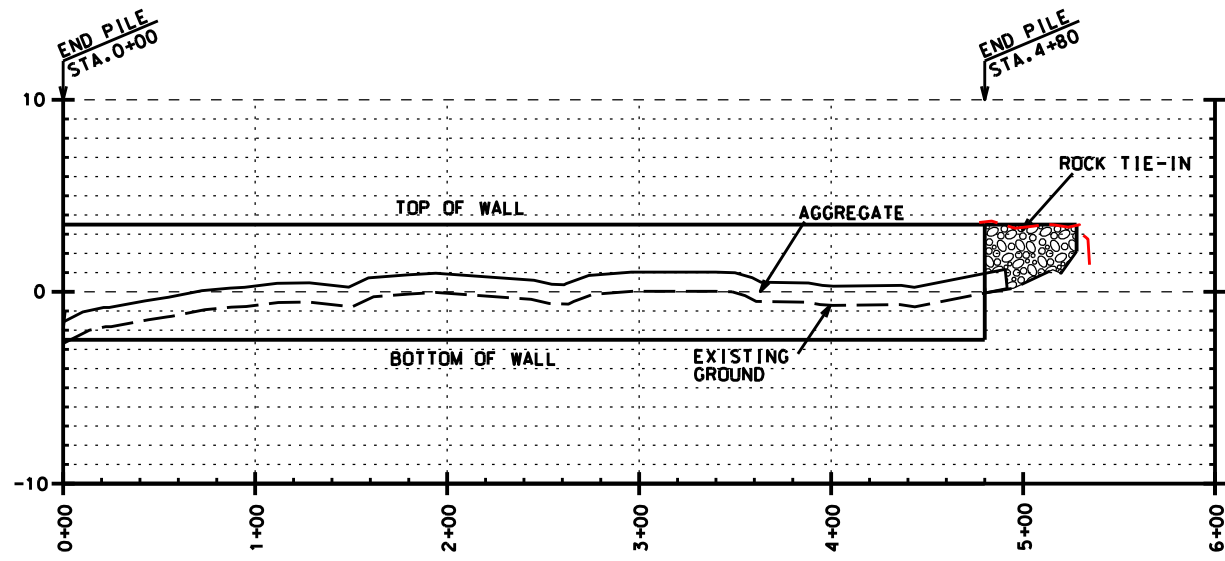
PROFILE REACH3 SECTION5



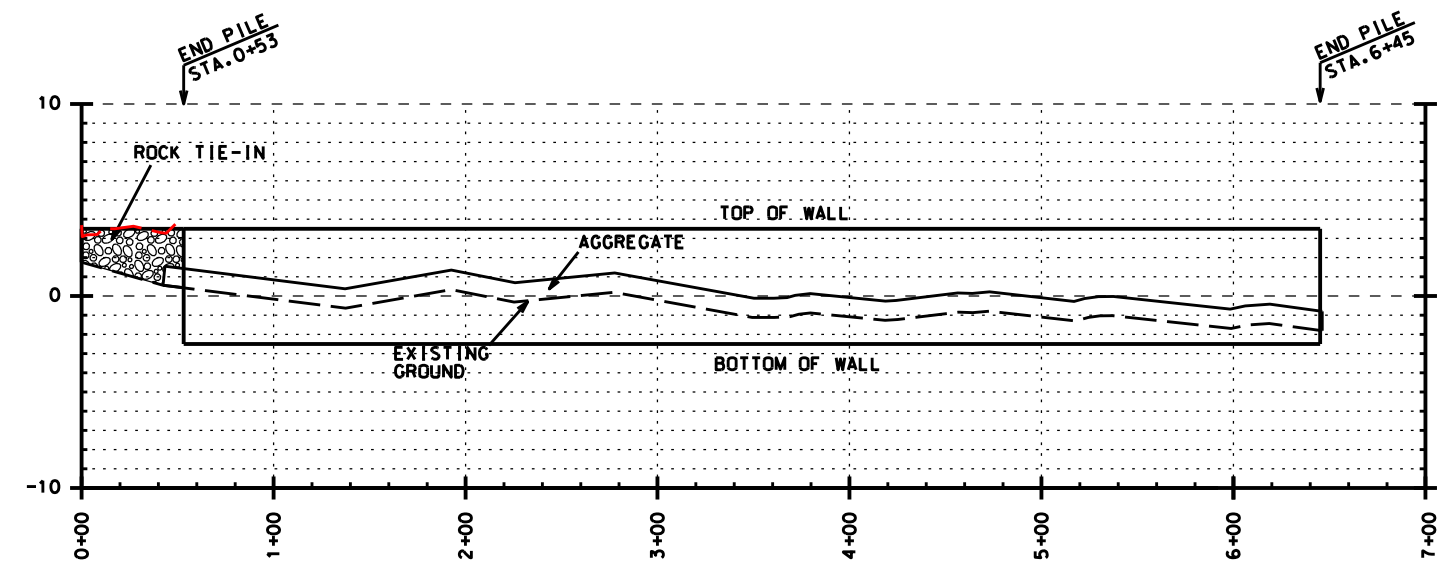
PROFILE REACH3 SECTION6



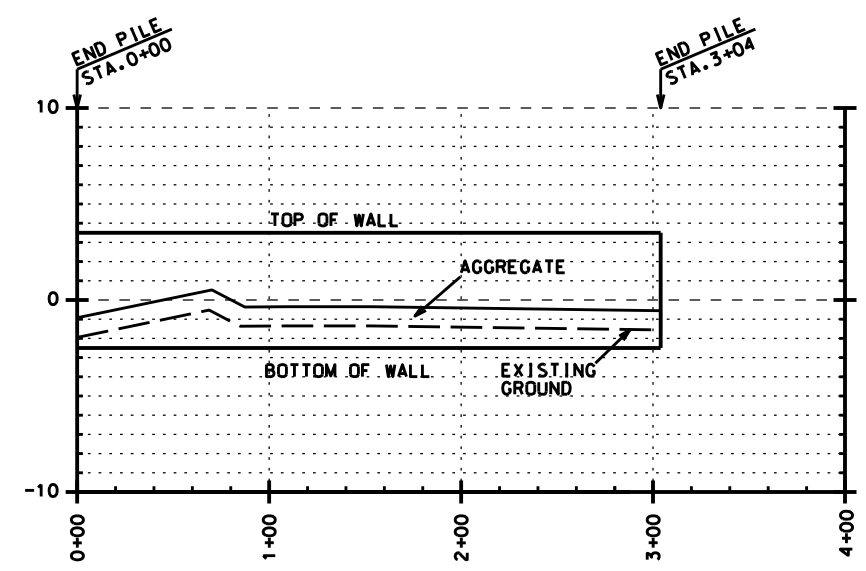
PROFILE REACH3 SECTION7



PROFILE REACH3 SECTION8



PROFILE REACH3 SECTION9



PROFILE REACH3 SECTION10

NOTE:
TOP OF WALL - ELEV. +3.5
SEE SHEET 49 OF 54 FOR DETAILS

"AS BUILT"

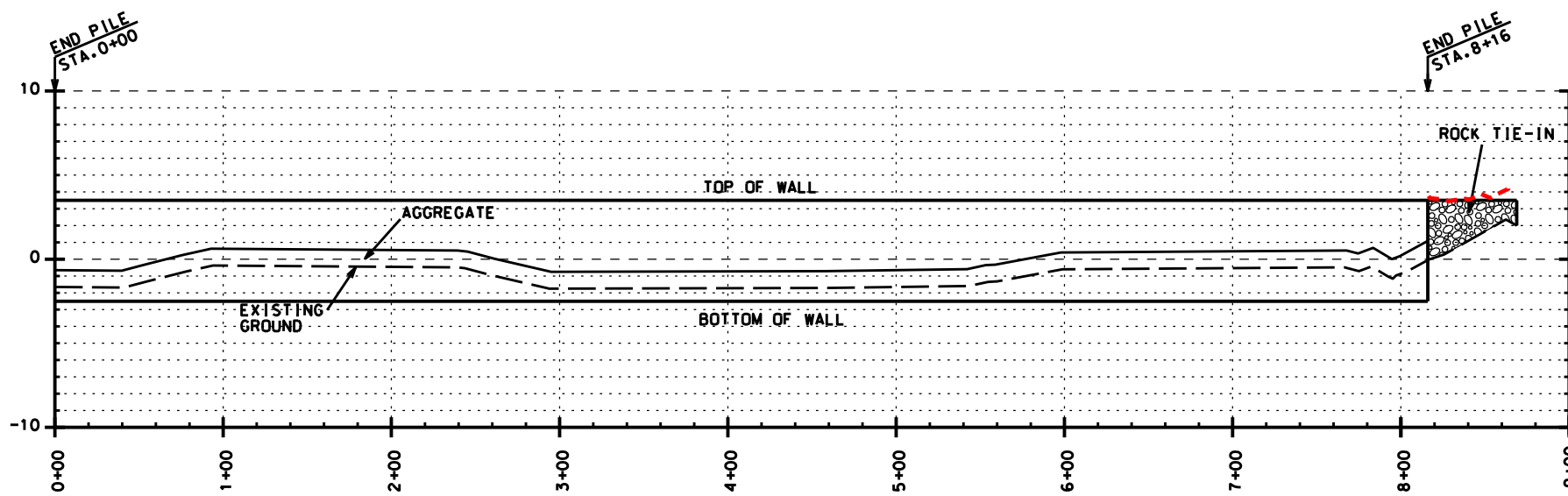
Designed	C. LAFLEUR	Date	08/02
Drawn	G. BURNS	Approved by	E. J. GIERING III
Traced		Title	STATE CONSERVATION ENGINEER
Checked	B. STICKER		ALEXANDRIA, LA.

PROFILE-REACH 3 SECTION 5-10
BA-27-BA-27C LANDBRIDGE CU #4
JEFFERSON PARISH, LA.

NO.	DATE	APPR.	TITLE

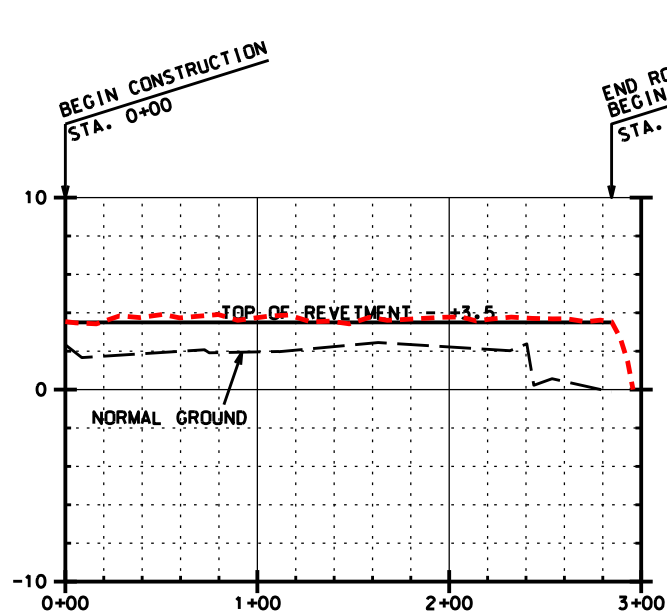
CAD FILENAME
LA336039.DGN
PROJECT NO.
LA336
SHEET NO 39 OF 54

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

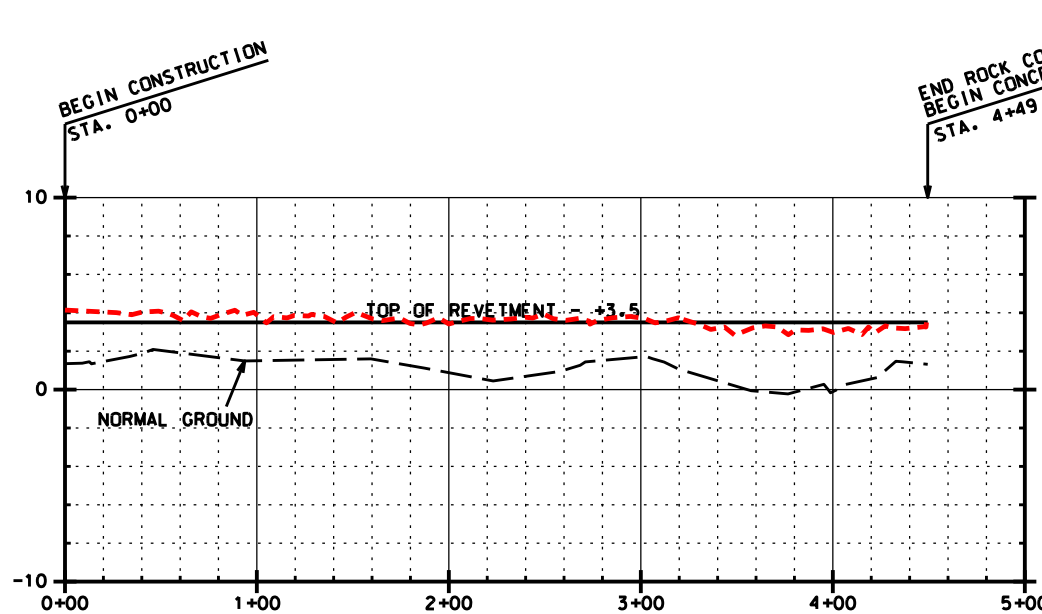


PROFILE REACH3 SECTION11

NOTE:
TOP OF WALL - ELEV. +3.5
SEE SHEET 49 OF 54 FOR DETAILS



PROFILE REACH1A REVETMENT



PROFILE REACH3A REVETMENT

"AS BUILT"

Designed	C. LAFLEUR	Date	10/03
Drawn	D.J. WILMORE	Approved by	E.J. GIERING III
Traced		Title	STATE CONSERVATION ENGINEER
Checked	B. STICKER		ALEXANDRIA, LA.

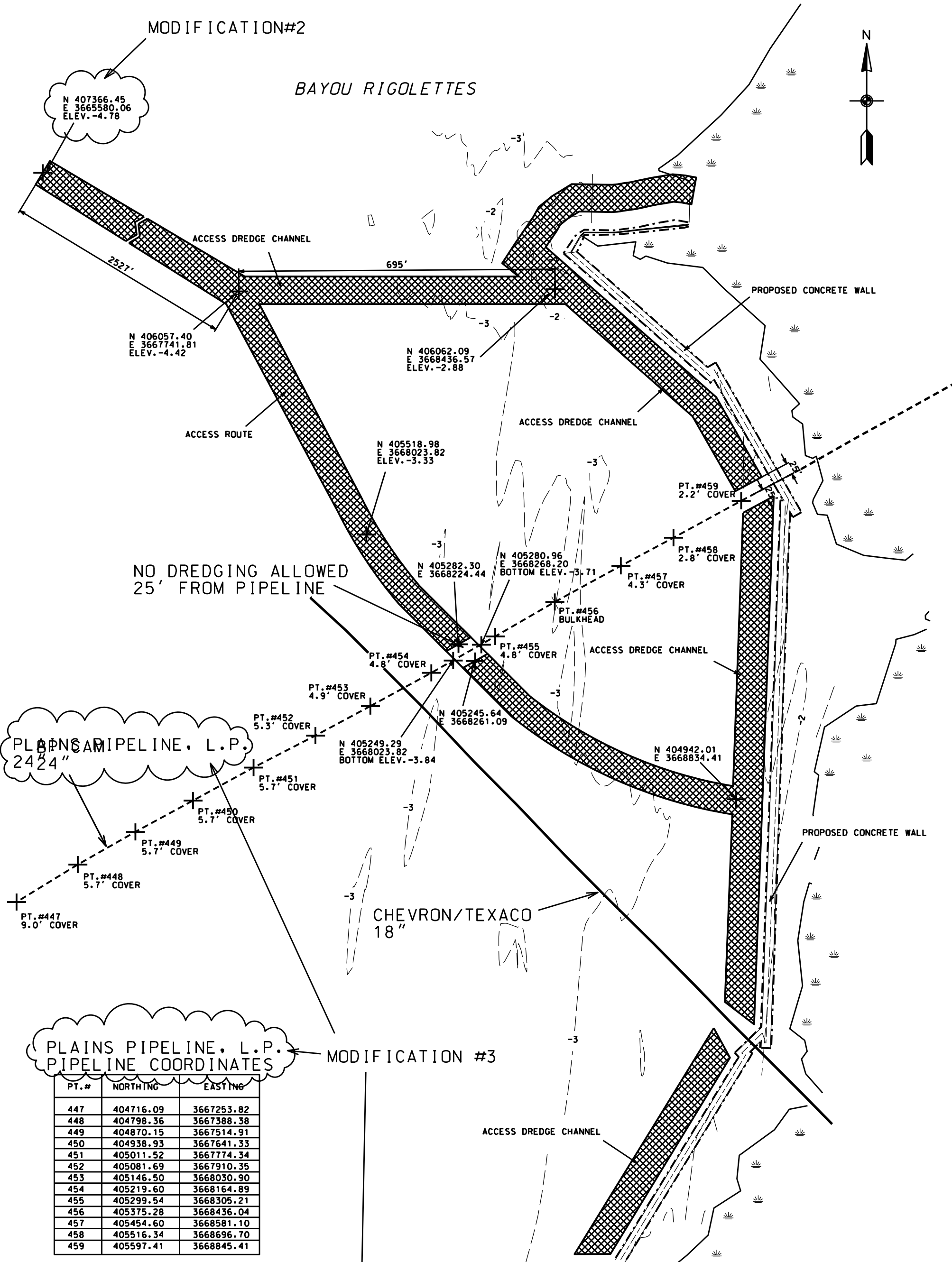
PROFILES-REACH 3 SECTION 11
 REVETMENTS REACH1A & 3A
 BA-27-BA-27C LANDBRIDGE CU #4
 JEFFERSON PARISH, LA.

NO.	DATE	APPR.	TITLE

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE
 CAD FILENAME
 LA336040.DGN
 PROJECT NO.
 LA336
 SHEET NO. 40 OF 54

MODIFICATION#2

BAYOU RIGOLETTES



NO DREDGING ALLOWED
25' FROM PIPELINE

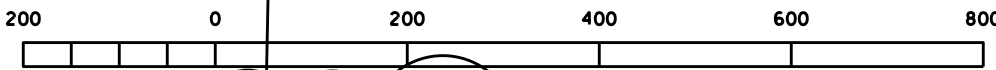
PLAINS PIPELINE, L.P.
2424"

PLAINS PIPELINE, L.P.
PIPELINE COORDINATES

MODIFICATION #3

PT. #	NORTHING	EASTING
447	404716.09	3667253.82
448	404798.36	3667388.38
449	404870.15	3667514.91
450	404938.93	3667641.33
451	405011.52	3667774.34
452	405081.69	3667910.35
453	405146.50	3668030.90
454	405219.60	3668164.89
455	405299.54	3668305.21
456	405375.28	3668436.04
457	405454.60	3668581.10
458	405516.34	3668696.70
459	405597.41	3668845.41

HORIZONTAL DATUM - NAD83
VERTICAL DATUM - NAVD88



SCALE IN FEET

"AS BUILT"

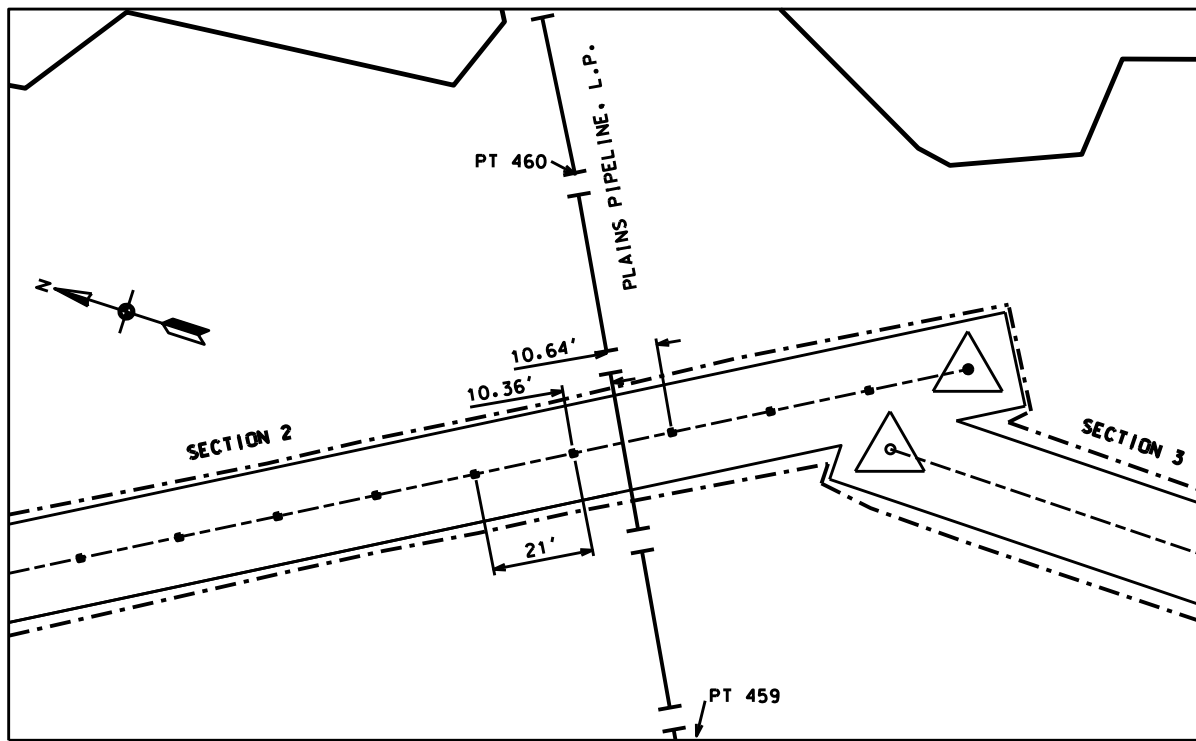
PLAINS PIPELINE, L.P.
PIPELINE CROSSING
BA-27-BA-27C LANDBRIDGE CU #4
JEFFERSON PARISH, LA.

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

REVISIONS				Date	Date
DATE	REV.	NO.	APPR.	TITLE	
A7	03/05	B.A.S.	A.S.C.E.		
M2	07/05	B.A.S.	A.S.C.E.		
M3	10/06	B.A.S.	A.S.C.E.		

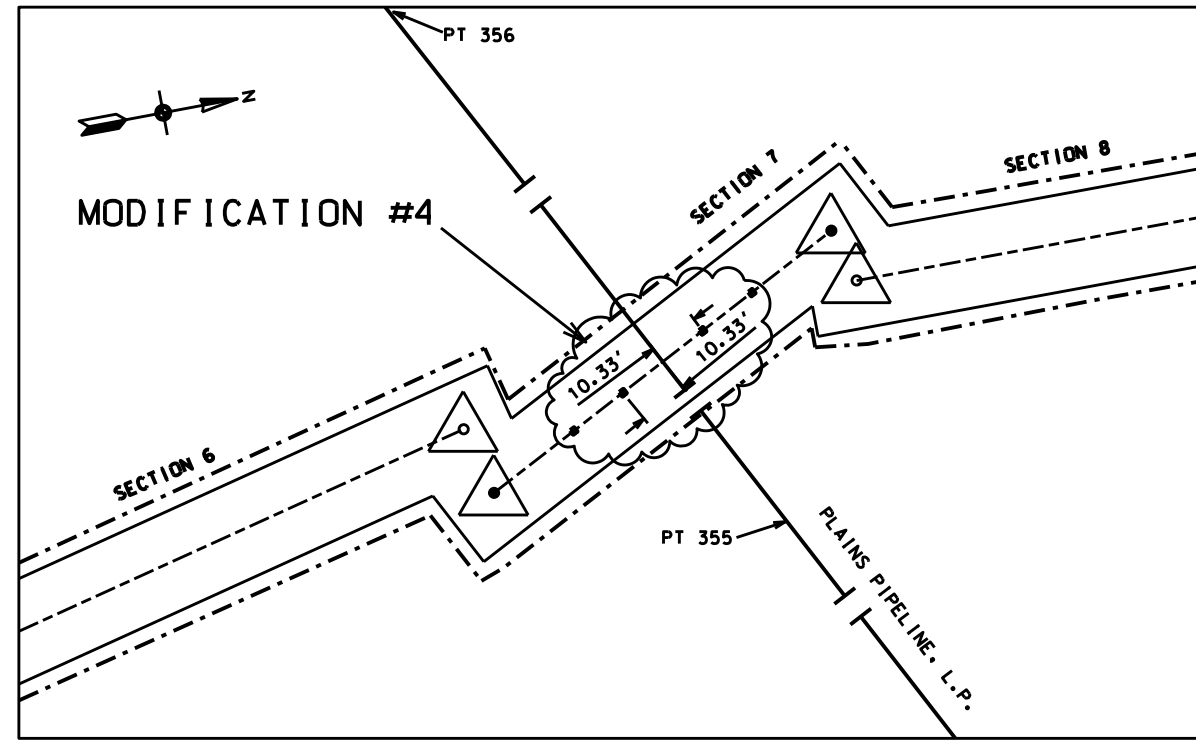
Designed	C. LAFLEUR	02-04	Approved by	E.J. GIERING III
Drawn	D.J. WILMORE	02-04	Title	STATE CONSERVATION ENGINEER ALEXANDRIA, LA.
Traced			Title	
Checked	B. STICKER	04/04	Title	

CAD FILENAME
LA336041M3.DGN
PROJECT NO.
LA336
SHEET NO. 41M3 OF 54



REACH 1 SECT 2
PIPELINE CROSSING

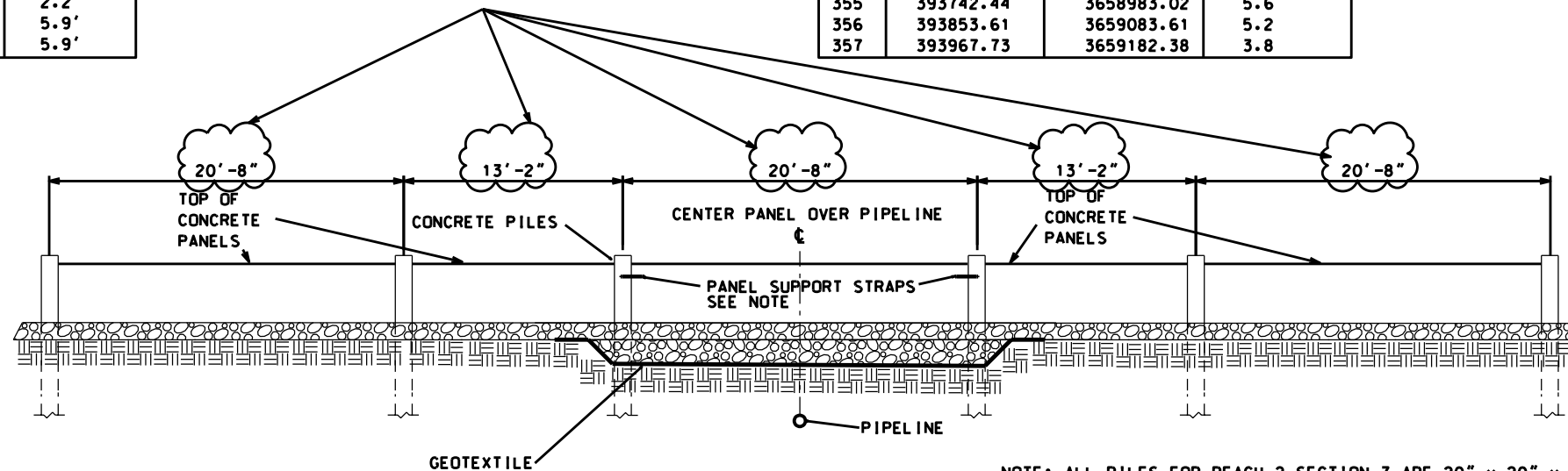
PLAINS PIPELINE, L.P. PIPELINE COORDINATES			
PT	NORTHING	EASTING	MUD COVER
458	405516.34	3668696.70	2.8'
459	405597.41	3668845.41	2.2'
460	405666.84	3668976.52	5.9'
461	405736.00	3669098.24	5.9'



REACH 2 SECT 7
PIPELINE CROSSING

PLAINS PIPELINE, L.P. PIPELINE COORDINATES			
PT	NORTHING	EASTING	MUD COVER
354	393628.99	3658881.47	5.9
355	393742.44	3658983.02	5.6
356	393853.61	3659083.61	5.2
357	393967.73	3659182.38	3.8

MODIFICATION #4



ELEVATION VIEW
REACH 2 - SECTION 7

NOTE: ALL PILES FOR REACH 2 SECTION 7 ARE 20" x 20" x 70' WITH THE EXCEPTION OF THE END PILES WHICH SHALL BE 20" x 20" x 53' IN ACCORDANCE WITH NOTE ON SHEET 49 OF 54. THREE 19'-4" AND TWO 11'-10" PANELS REQUIRED FOR THIS SECTION.

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

LEGEND

- C/L OF CONCRETE PANELS & AGGREGATE BLANKET
- - - - - TOE OF AGGREGATE BLANKET & RIPRAP TIE-INS
- △ P.I.'S ON END PILING OF CONCRETE PANELS
- CONCRETE PILE
- PIPELINE

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

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

1. P.I. COORDINATE LOCATIONS FOR PIPELINE CROSSINGS SHALL BE ADJUSTED IN THE FIELD. THE 20-FOOT CONCRETE PANELS SHALL BE CENTERED (OR BEST FIT) OVER THE PIPELINE AT A 90 DEGREE ANGLE TO ALLOW MAXIMUM DISTANCE BETWEEN THE PIPELINE AND THE CONCRETE PILES.
2. A MINIMUM OF 3 FT OF COVER WILL BE MAINTAINED BETWEEN THE CONCRETE PANEL AND THE TOP OF THE PIPELINE, INCLUDING GEOTEXTILE. BOTTOM OF THE AGGREGATE SHALL BE PLACED A MIN. OF 18 INCHES BELOW THE BOTTOM OF THE CONCRETE PANEL TO PROTECT THE PIPE

"AS BUILT"

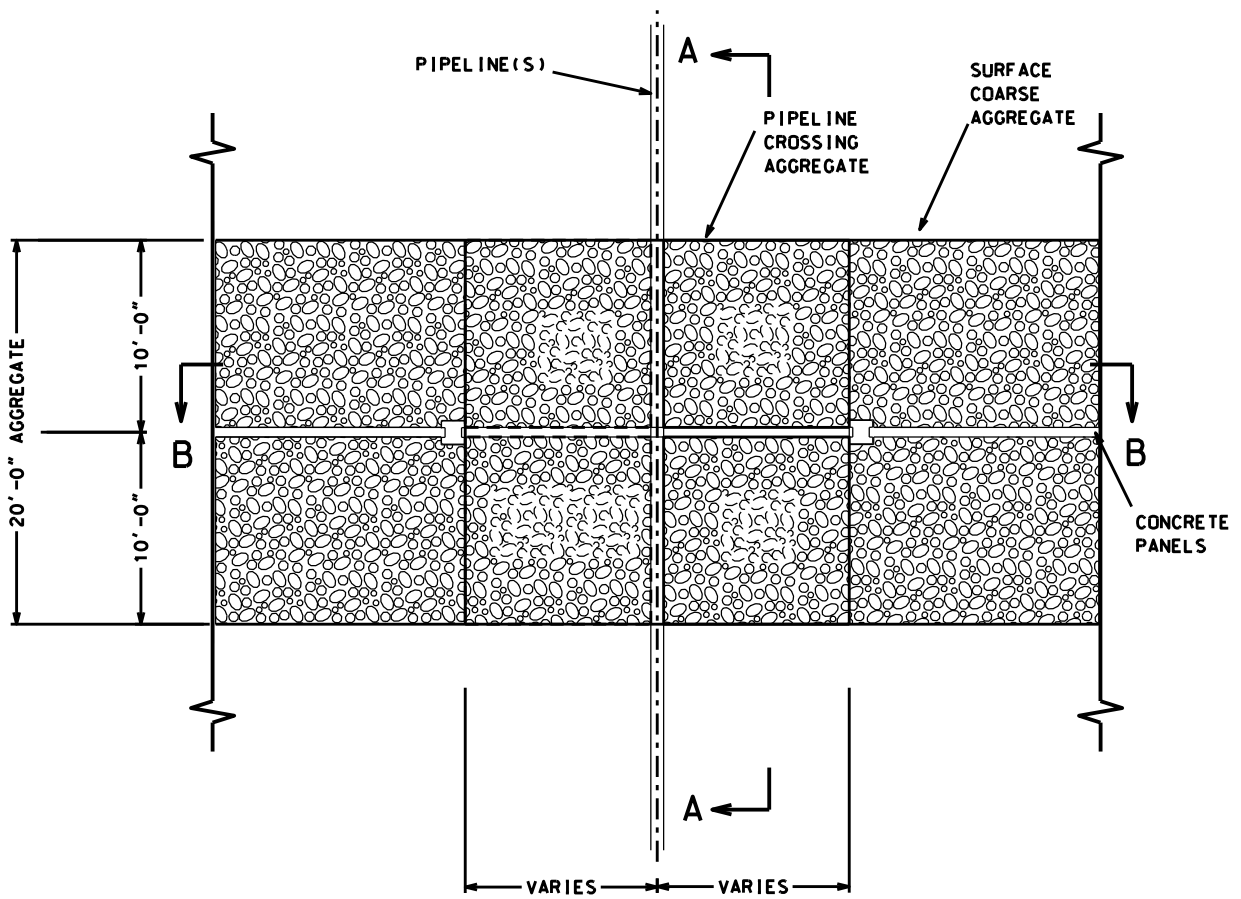
Date	Approved by	Title
07/03	E.J. GIERING III	CONSULTANT ENGINEER
07/03	P. COLE	STATE CONSERVATION ENGINEER
04/04	B. STICKER	CHECKED

PIPELINE CROSSING DETAILS
BARATARIA BASIN LANDBRIDGE PROJECT
BA27 CONSTRUCTION UNIT 4
JEFFERSON PARISH, LOUISIANA

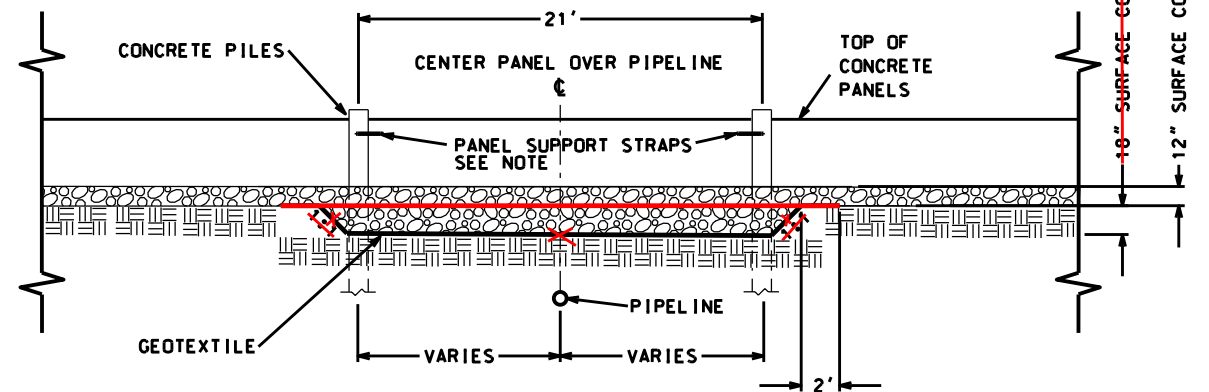
REV. NO.	DATE	BY	APPR.	TITLE
1	04/07	BAS	ASCE	ASCE
2	07/06	BAS	ASCE	ASCE

CAD FILENAME
LA336042M4.DGN
PROJECT NO.
LA336
SHEET NO 42M4 OF 54

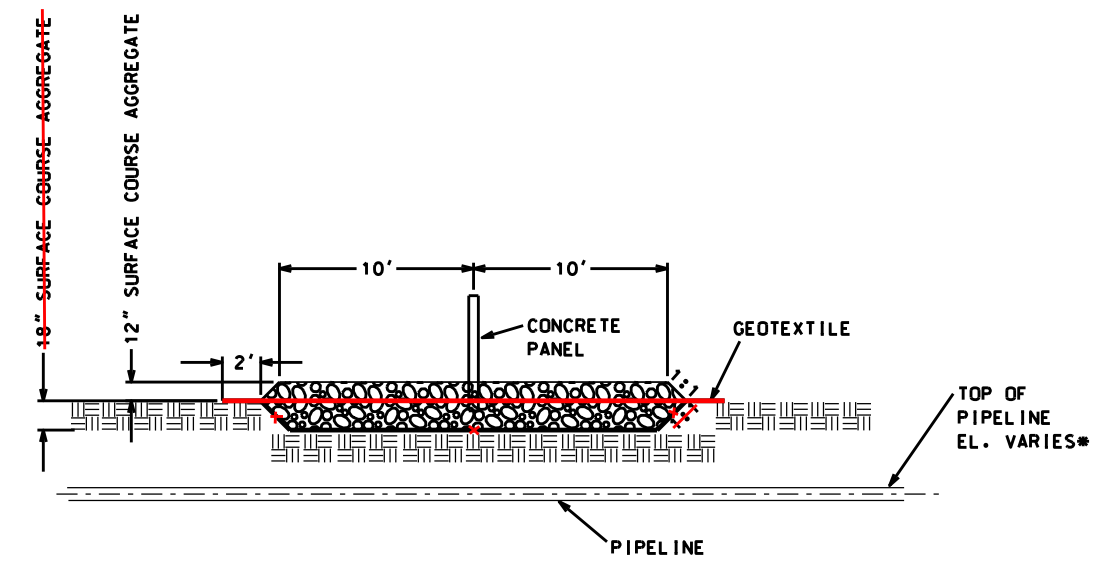
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE



TYPICAL PIPELINE CROSSING
PLAN VIEW



TYPICAL PIPELINE CROSSING
SECTION "B - B"



TYPICAL PIPELINE CROSSING
SECTION "A - A"

*NOTE: PIPELINE ELEVATIONS @ $\text{\textcircled{C}}$ OF CONCRETE WALL ARE AS FOLLOWS:
 PLAINS PIPELINE REACH 1 -4.83' NAVD88
 PLAINS PIPELINE REACH 2 -5.71' NAVD88
 NOTE:
 1. SEE SHEET 41 TO 45 FOR PIPELINE PLANS AND COORDINATES

NOTE:
 SEE SHEET 52 OF 54 FOR PANEL SUPPORT DETAILS

MODIFICATION #3

"AS BUILT"

NO.	REVISIONS	DATE	APPR.	TITLE
M3		10/06	B.A.S.	C.E.

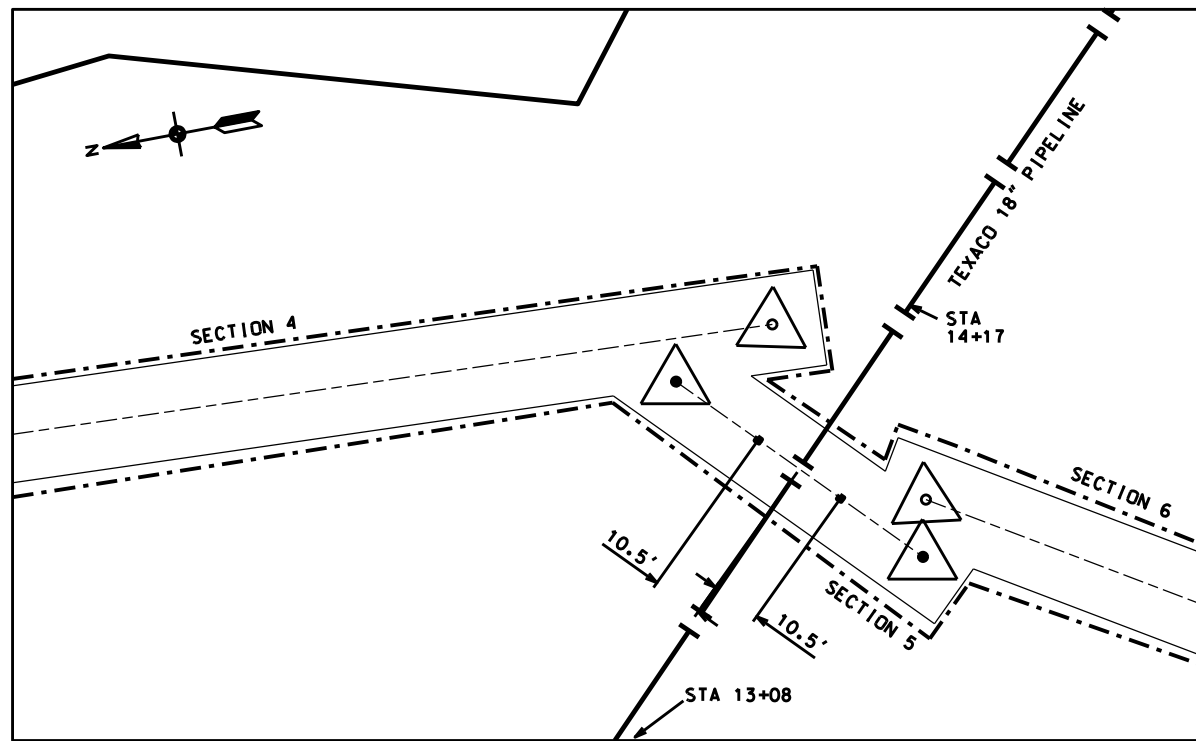
Designed by	Cherie Lafleur	Date	07/03
Drawn	A.G. & P.C.	Date	07/03
Traced	B. STICKER	Date	04/04
Checked		Date	

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

DETAILS-PIPELINE CROSSINGS
 PLAINS PIPELINE, L.P. @ RIGOLETTES
 BA-27-BA27C LANDBRIDGE CU#4
 JEFFERSON PARISH, LOUISIANA

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE

CAD FILE NO.
 LA336043M3.DGN
 DRAWING NO.
 LA336
 SHEET NO43M30F 54



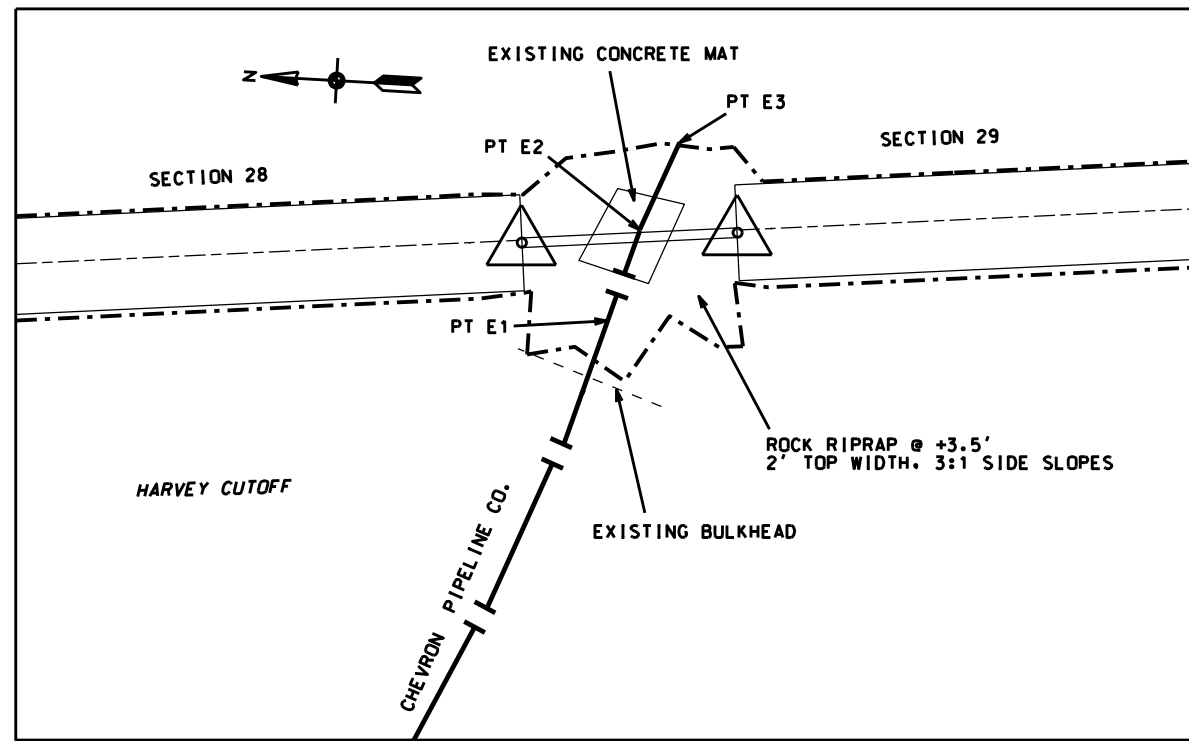
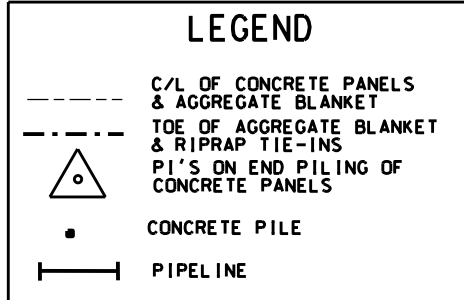
REACH 1 SECT 5
18" TEXACO
PIPELINE CROSSING

18-INCH CHEVRON-TEXACO PIPELINE COORDINATES		
STA	NORTHING	EASTING
0+00	405384.00	3667899.28
1+05	405312.82	3667976.94
2+20	405231.04	3668058.57
3+50	405139.43	3668150.06
5+07	405024.57	3668258.28
6+47	404926.10	3668355.91
7+95	404818.89	3668457.80
9+29	404723.68	3668552.21
10+73	404622.06	3668655.41
11+98	404532.24	3668744.12
13+08	404453.98	3668819.71
14+17	404376.69	3668897.59
15+35	404293.69	3668980.53
16+26	404228.20	3669044.93

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

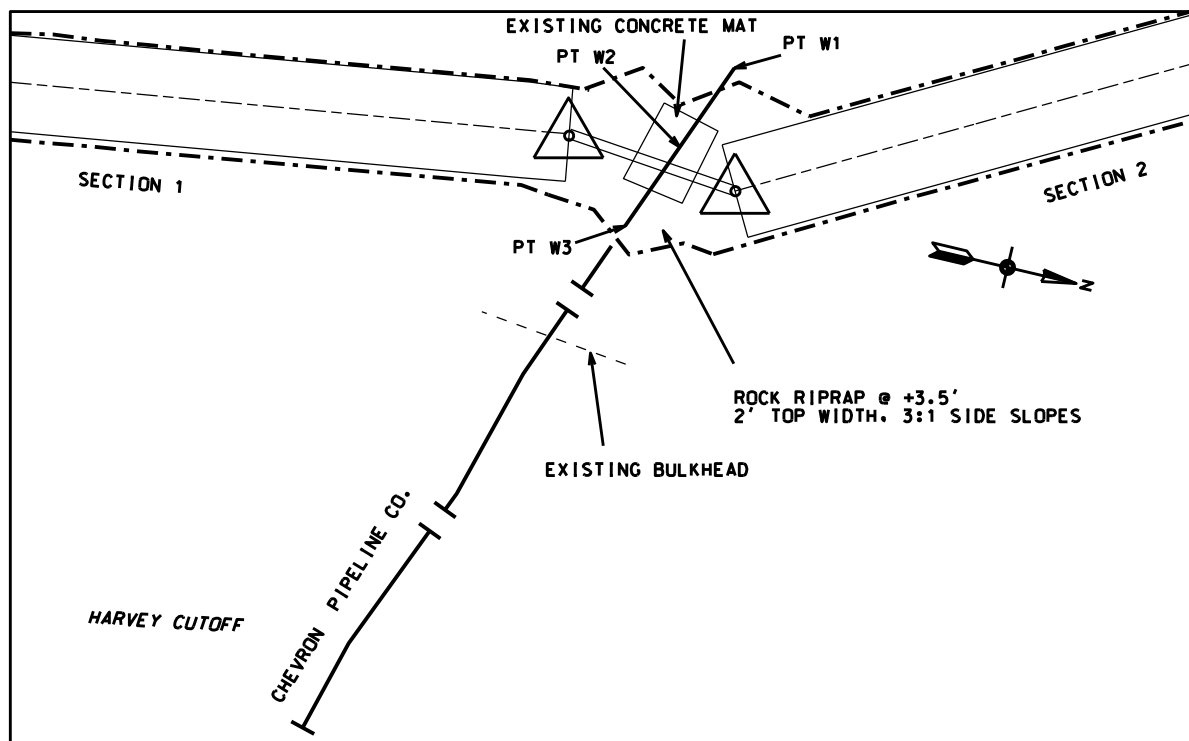
NOTICE:
48 HOURS BEFORE DIGGING
CALL 1-800-272-3020
TO LOCATE UTILITY LINES

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



REACH 1 HARVEY CUTOFF
CHEVRON PIPELINE CROSSING-1

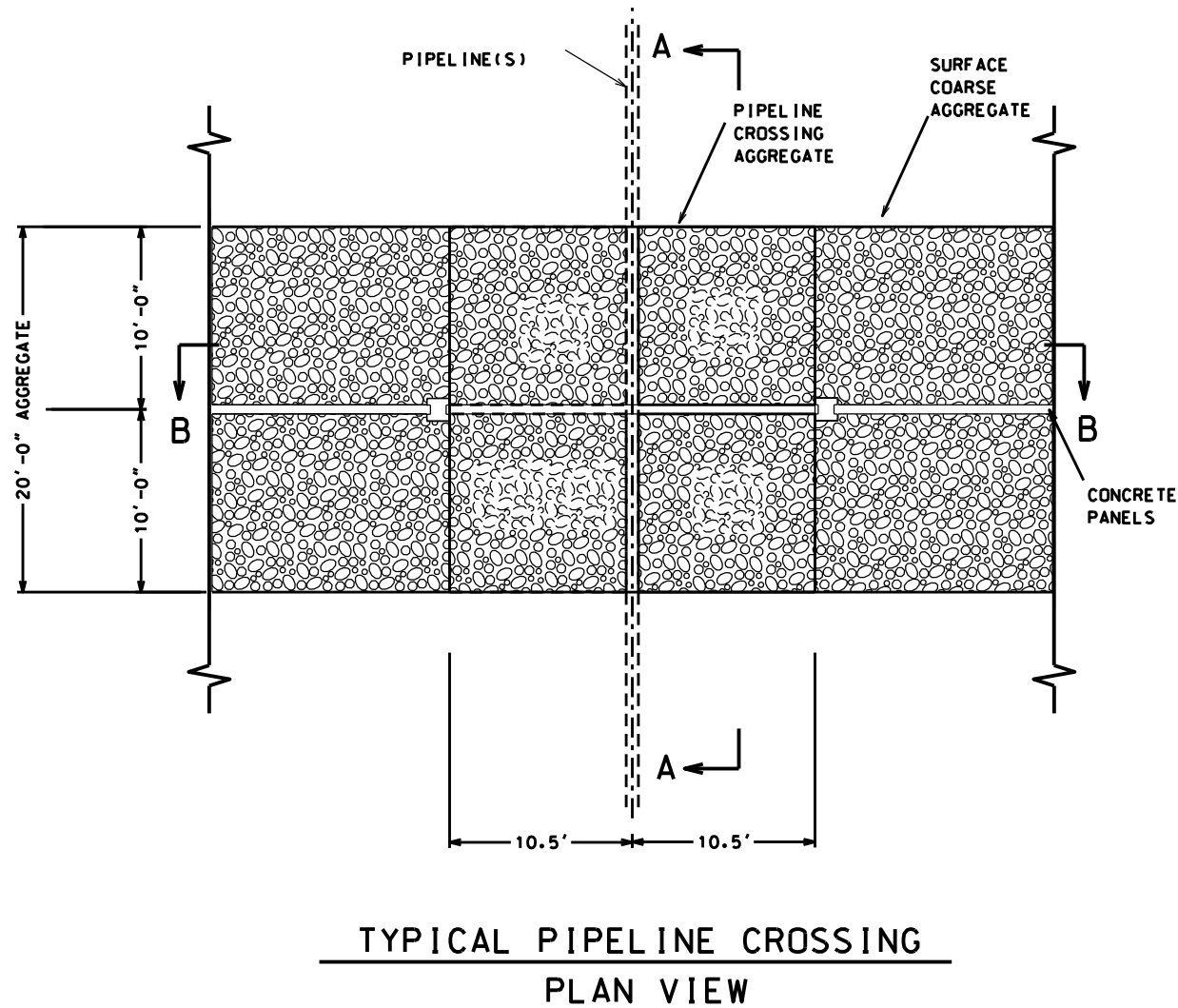
CHEVRON-TEXACO PIPELINE COORDINATES			
PT	NORTHING	EASTING	ELEV.
W1	391936.98	3661042.89	-3.4
W2	391929.68	3661061.51	-1.3
W3	391922.39	3661080.14	-2.9
E1	391762.39	3661540.05	-7.8
E2	391756.79	3661559.25	-0.1
E3	391749.49	3661577.87	-3.2



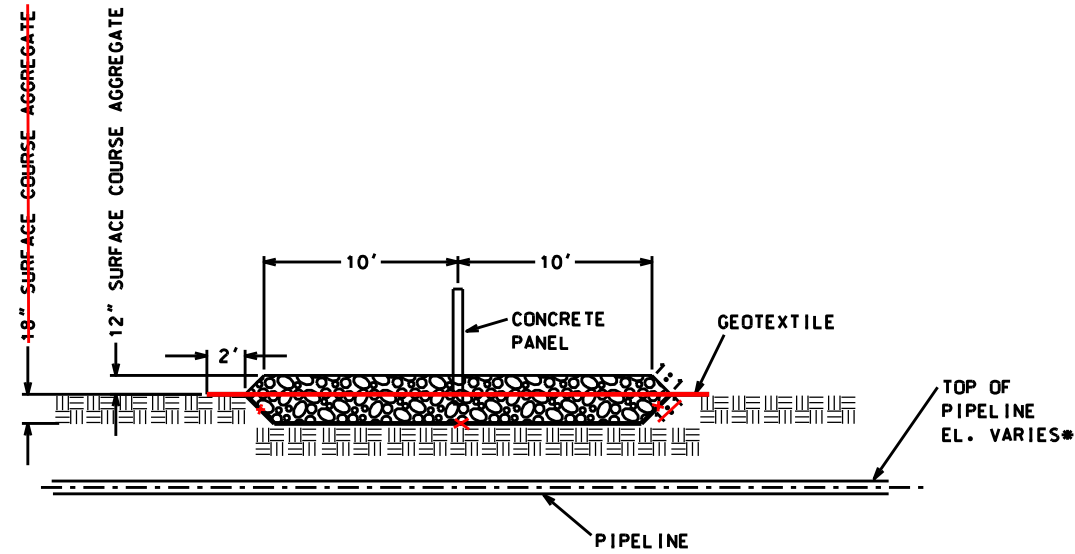
REACH 2 HARVEY CUTOFF
CHEVRON PIPELINE CROSSING-2

"AS BUILT"

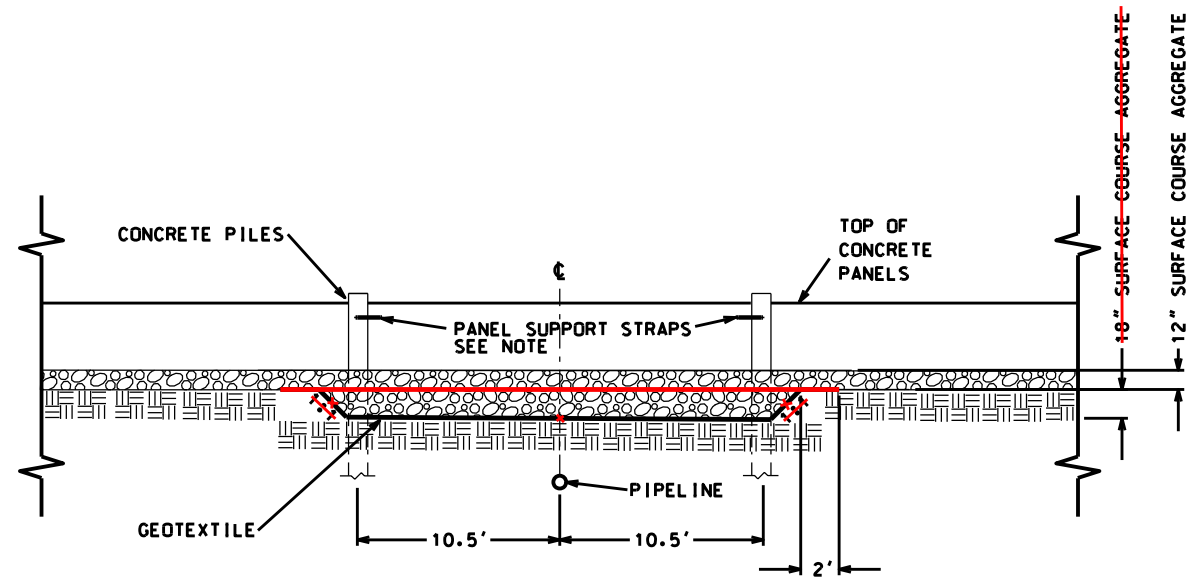
REVISIONS DATE REV. NO. APPR. TITLE	Date Approved by E.J. GIERING III Title STATE CONSERVATION ENGINEER ALEXANDRIA, LA.	Date 07/03 07/03 04/04	Designed C.E. LAFLEUR Drawn P. COLE Traced B. STICKER Checked B. STICKER	PIPELINE CROSSING DETAILS BARATARIA BASIN LANDBRIDGE PROJECT BA-27 CONSTRUCTION UNIT 4 JEFFERSON PARISH, LOUISIANA U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE
CAD FILENAME LA336044.DGN				PROJECT NO. LA336
SHEET NO. 44 OF 54				



TYPICAL PIPELINE CROSSING
PLAN VIEW



TYPICAL PIPELINE CROSSING
SECTION "A - A"



TYPICAL PIPELINE CROSSING
SECTION "B - B"

*NOTE: PIPELINE ELEVATION @ ϕ OF CONCRETE WALL:
18" LINE - (-3.5) PRESENT ELEV. ; (-6.5 OR LOWER) PLANNED ELEV.
NOTE:
1. SEE SHEET 41 TO 45 FOR PIPELINE PLANS AND COORDINATES
2. IT IS ANTICIPATED THAT CHEVRON/TEXACO WILL LOWER
THE PIPELINE TO THE PLANNED ELEVATION PRIOR TO CONSTRUCTION

NOTE:
SEE SHEET 52 OF 54 FOR PANEL SUPPORT DETAILS

"AS BUILT"

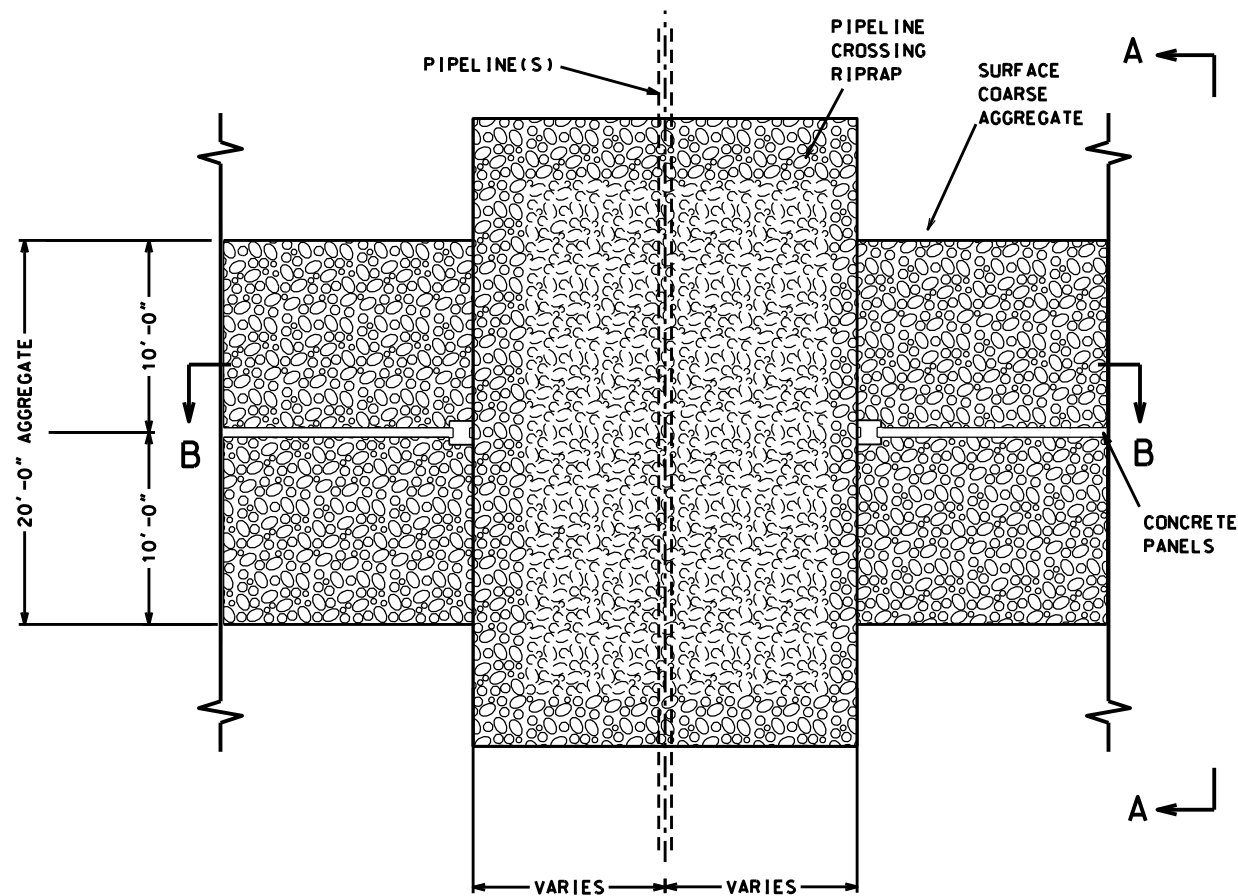
Date	07/03	Approved by	E. J. GIERING, III
Designed	Cherie Lafleur	Title	STATE CONSERVATION ENGINEER
Drawn	A.G. & P.C.	Title	ALEXANDRIA, LA
Traced		Title	
Checked	B. STICKER	Title	
Date	04/04		

**DETAILS-PIPELINE CROSSING
CHEVRON-TEXACO @ BAYOU RIGOLETTES
BA-27-BA27C LANDBRIDGE CU#4
JEFFERSON PARISH, LOUISIANA**

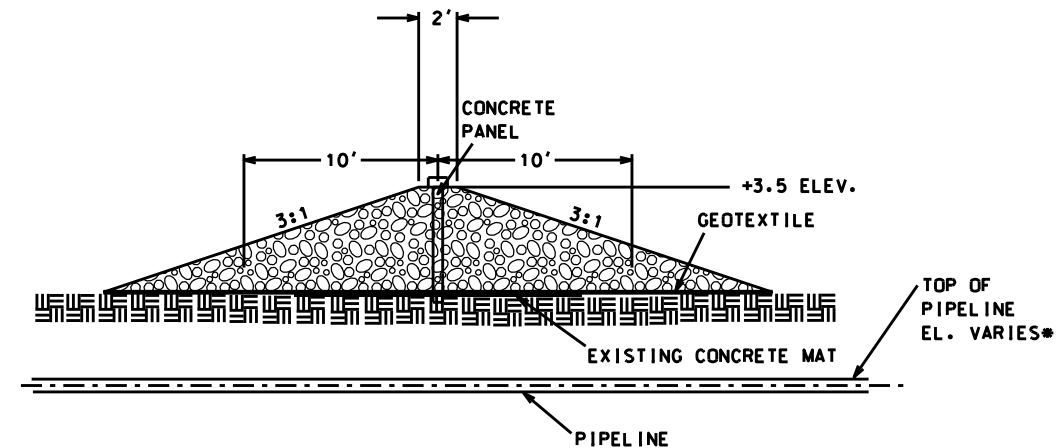
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

NO.	DATE	APPR.	TITLE

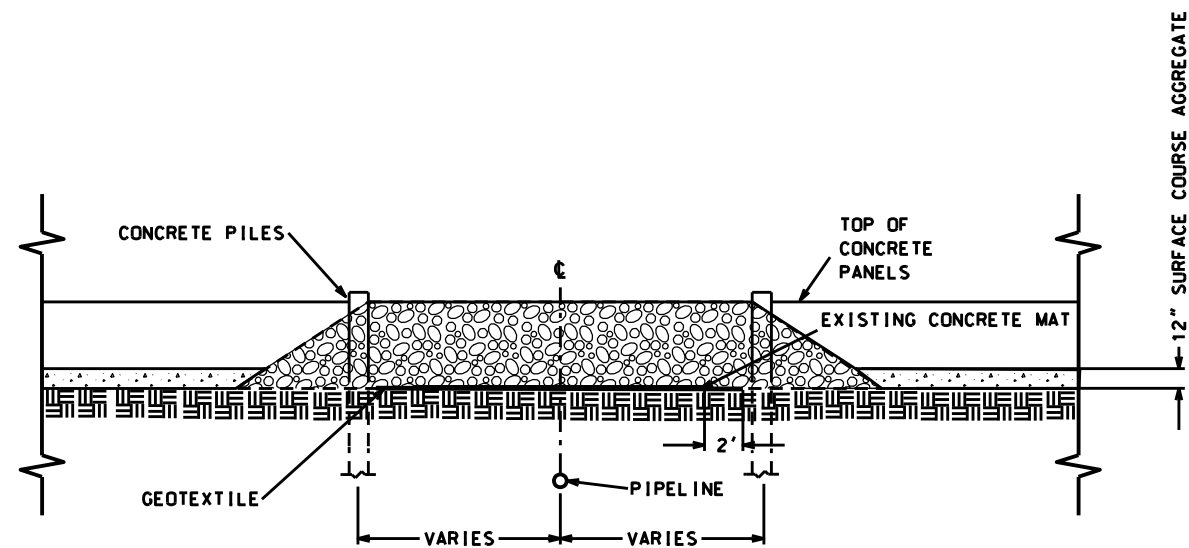
CAD FILE NO. LA336045.DGN
DRAWING NO. LA336
SHEET NO 45 OF 54



TYPICAL PIPELINE CROSSING
PLAN VIEW



TYPICAL PIPELINE CROSSING
SECTION "A - A"



TYPICAL PIPELINE CROSSING
SECTION "B - B"

*NOTE: PIPELINE ELEVATIONS @ \O OF CONCRETE WALL ARE AS FOLLOWS:
WEST BANK - (-7.5)
EAST BANK - (-7.5)
NOTE:
1. SEE SHEET 41 TO 45 FOR PIPELINE PLANS AND COORDINATES

"AS BUILT"

Approved by	E. J. GIERING, III	Date	07/03
Title	STATE CONSERVATION ENGINEER	Date	07/03
Title	ALEXANDRIA, LA	Date	04/04
Title	B. STICKER	Date	
Designed	Cherie Lafleur	Date	07/03
Drawn	A.G. & P.C.	Date	07/03
Traced		Date	
Checked	B. STICKER	Date	04/04

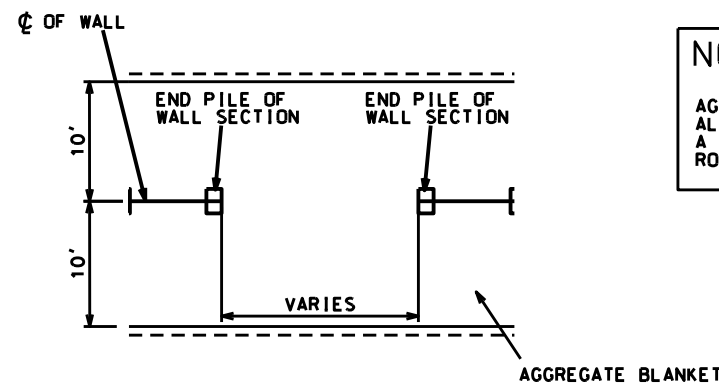
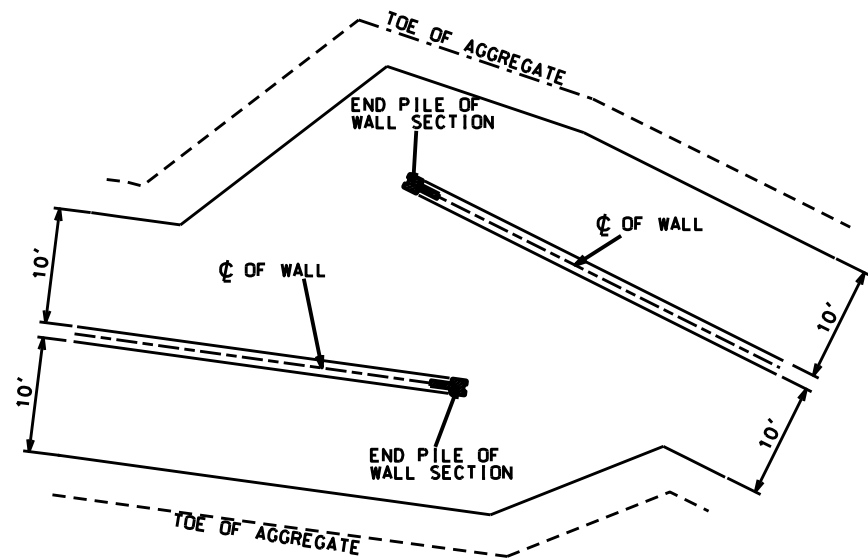
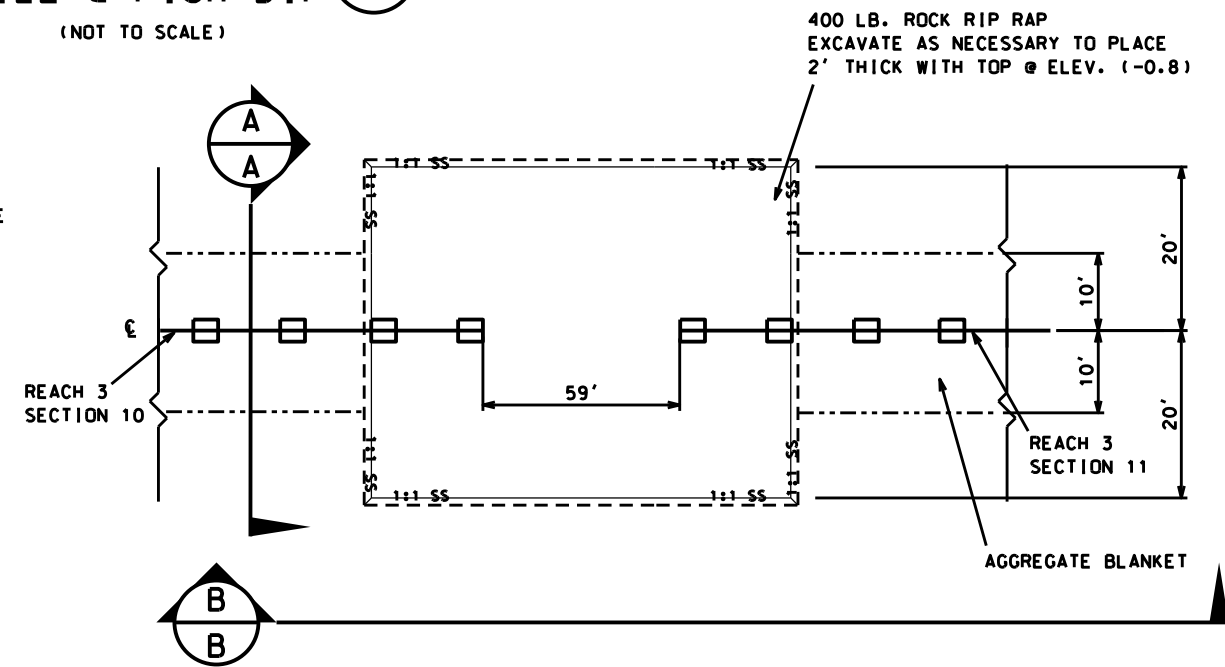
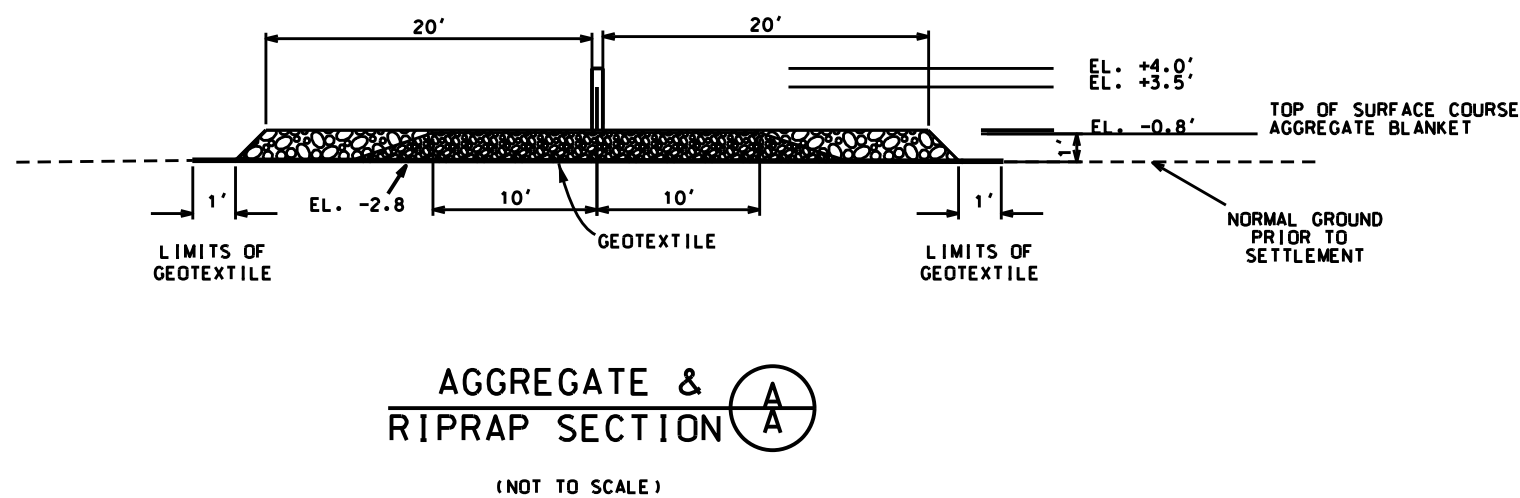
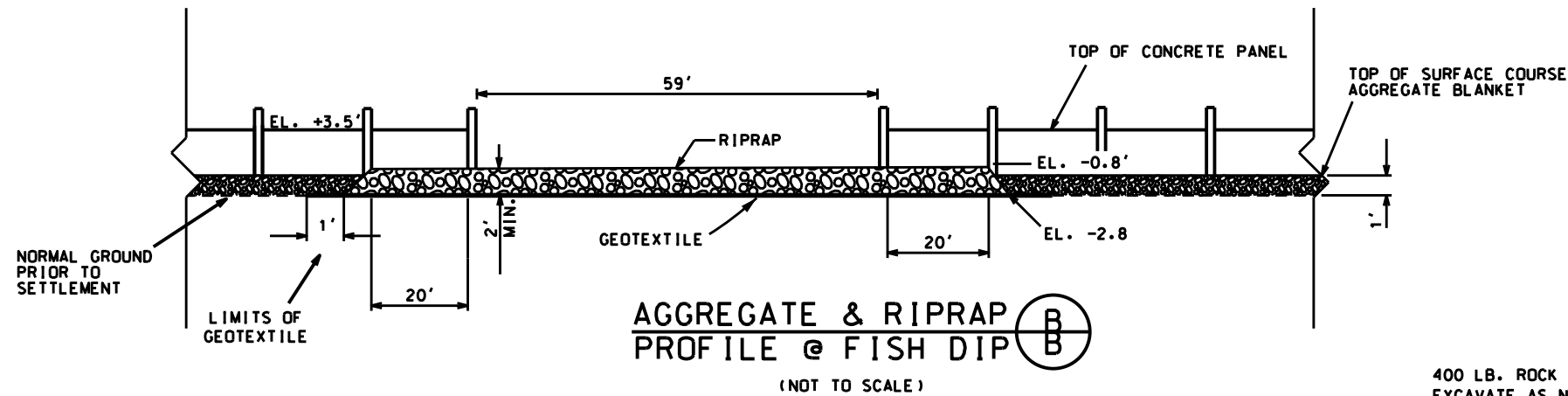
DETAILS-PIPELINE CROSSINGS
CHEVRON-TEXACO @ HARVEY CUTOFF
BA-27-BA27C LANDBRIDGE CU#4
JEFFERSON PARISH, LOUISIANA

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

NO.	DATE	APPR.	TITLE

CAD FILE NO.
LA336046.DGN
DRAWING NO.
LA336
SHEET NO 46 OF 54

NOTE:
 GEOTEXTILE TO CONFORM TO EXISTING
 CHANNEL BOTTOM.



NOTE:
 AGGREGATE BLANKET IS CONTINUOUS ACROSS
 ALL GAPS BETWEEN SECTIONS UNLESS DESIGNED AS
 A FISH DIP, WHICH WILL BE CONSTRUCTED WITH
 ROCK RIPRAP AS SHOWN IN THE FISH DIP DETAILS.

"AS BUILT"

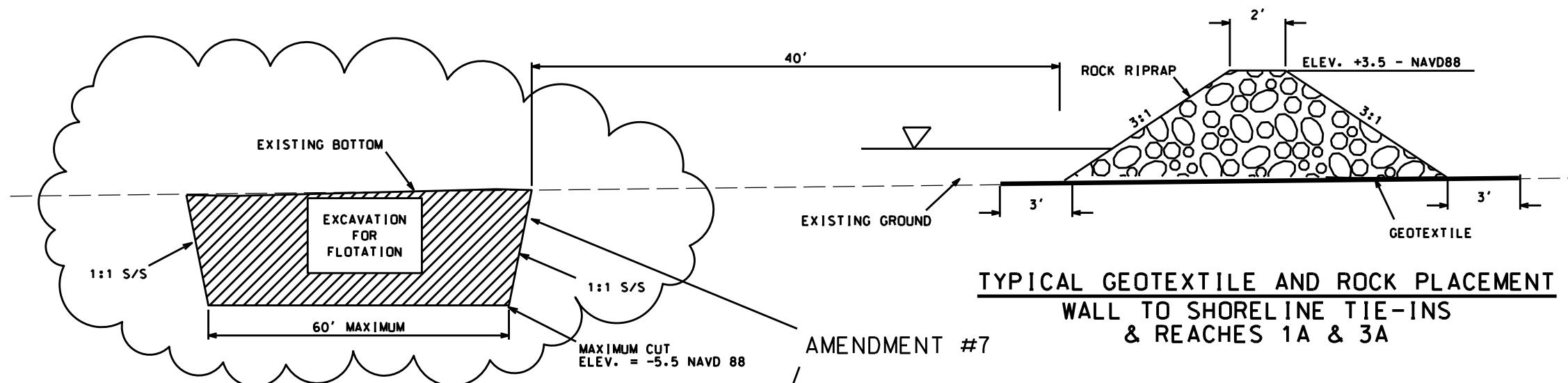
Date	Approved by E.J. GIERING III
08/03	Title STATE CONSERVATION ENGINEER
08/03	ALEXANDRIA, LA.
04/04	Title

Designed C. LAFLEUR
 Drawn G. BURNS
 Traced
 Checked D. WILLMORE

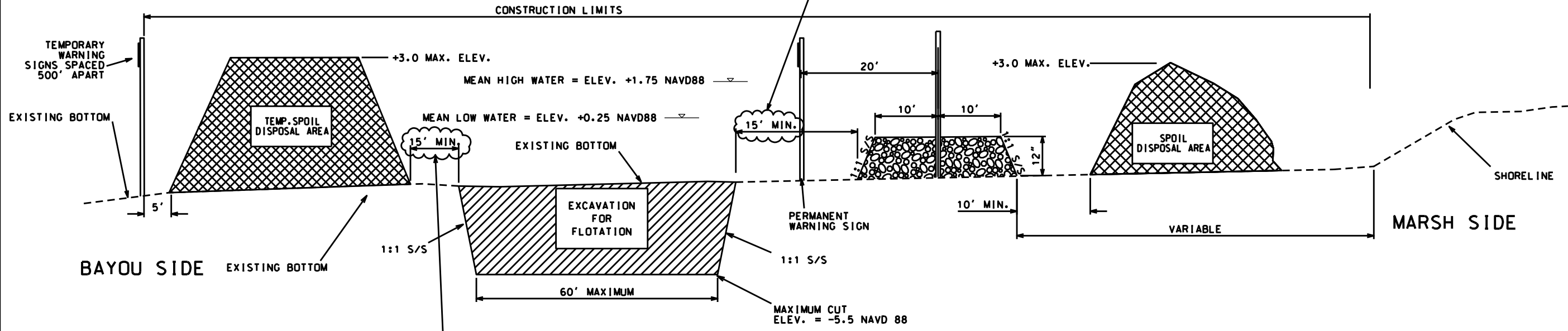
**ROCK DETAILS & FISH DIPS
 BA-27-BA-27C LANDBRIDGE CU #4
 JEFFERSON PARISH, LA.**

REV. NO.	TITLE
DATE	APPR.
CAD FILENAME	LA336047.DGN
PROJECT NO.	LA336
SHEET NO.	47 OF 54

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

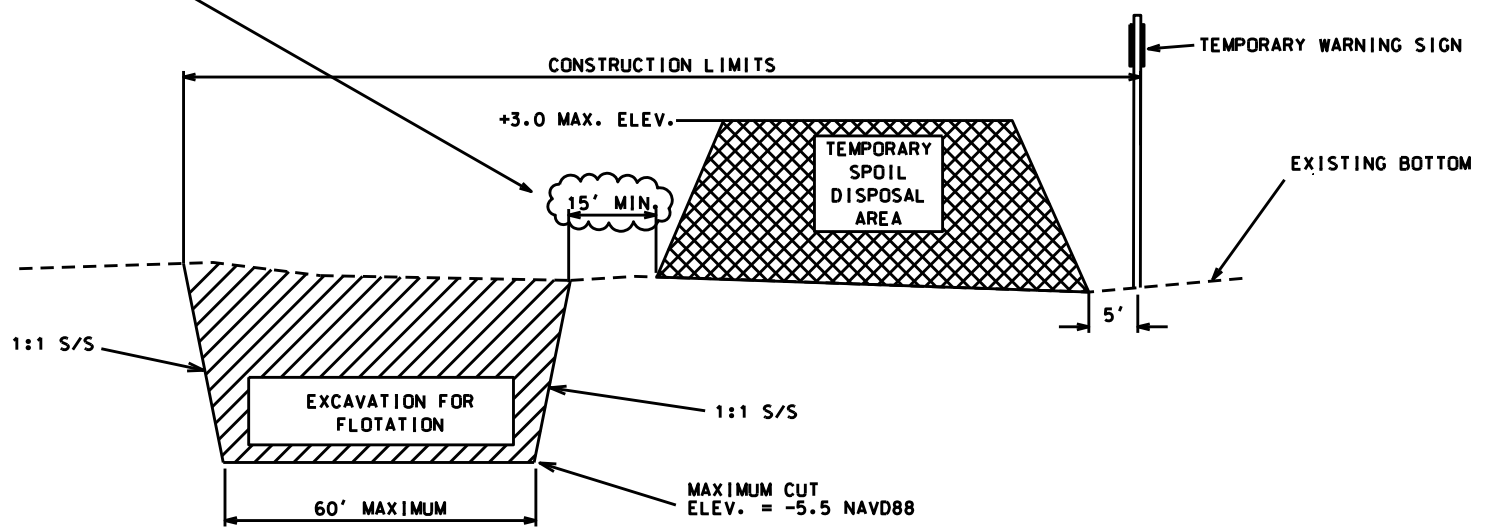


TYPICAL GEOTEXTILE AND ROCK PLACEMENT WALL TO SHORELINE TIE-INS & REACHES 1A & 3A



TYPICAL ACCESS CHANNEL EXCAVATION PARALLEL TO SHORELINE SEGMENT

NOTE: ACCESS CHANNEL SPOIL PLACED ON THE BAYOU SIDE OF THE STRUCTURE SHALL BE PULLED BACK INTO THE ACCESS CHANNEL PRIOR TO FINAL INSPECTION



TYPICAL ACCESS CHANNEL EXCAVATION PERPENDICULAR TO SHORELINE

NOT TO SCALE

"AS BUILT"

Date	03/01
Approved by	E.J. GIERING III
Designated	C. LAFLEUR
Drawn	D.J. WILMORE
Traced	B. STICKER
Checked	B. STICKER
Title	STATE CONSERVATION ENGINEER
Title	ALEXANDRIA, LA.
Title	
Title	

DREDGING & ROCK TIE-IN TYPICALS
BA-27-BA-27C LANDBRIDGE CU #4
JEFFERSON PARISH, LA.

NO.	DATE	APPR.	TITLE
A7	03/05	B.A.S.	A.S.C.E.

Date _____
 Approved by E.J. GIERING III
 Title STATE CONSERVATION ENGINEER
 ALEXANDRIA, LA.
 Date 08/03
 Designed C. LAFLEUR
 Drawn D.J. WILLMORE
 Traced _____
 Checked B. STICKER
 Title _____

TYPICAL - CONCRETE WALL
BA-27 -BA-27C LANDBRIDGE CU#4
JEFFERSON PARISH, LA.

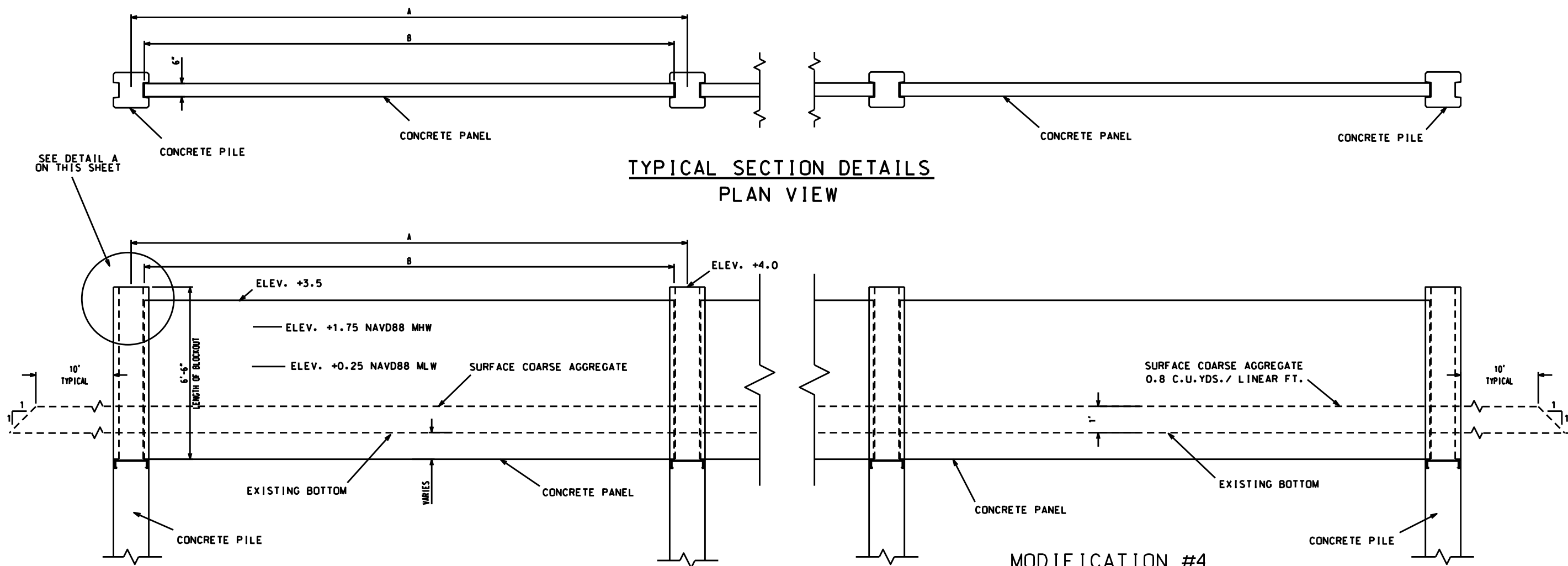
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

NO.	DATE	APPR.	TITLE
A3	01/05/08	A.S.	A.S.C.E.
A7	03/05/08	A.S.	A.S.C.E.
M3	09/08/08	A.S.	A.S.C.E.
M4	04/07/10	A.S.	A.S.C.E.

CAD FILE NO. LA336049M4.DGN
 DRAWING NO. LA336
 Sht. 49M4 of 54

TYPICAL SECTION DETAILS
PLAN VIEW

TYPICAL SECTION DETAILS
ELEVATION VIEW

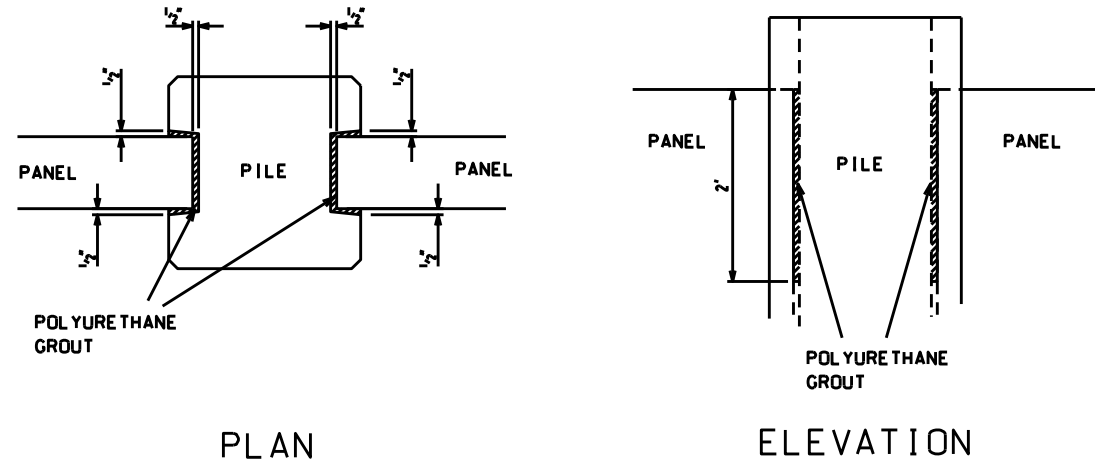
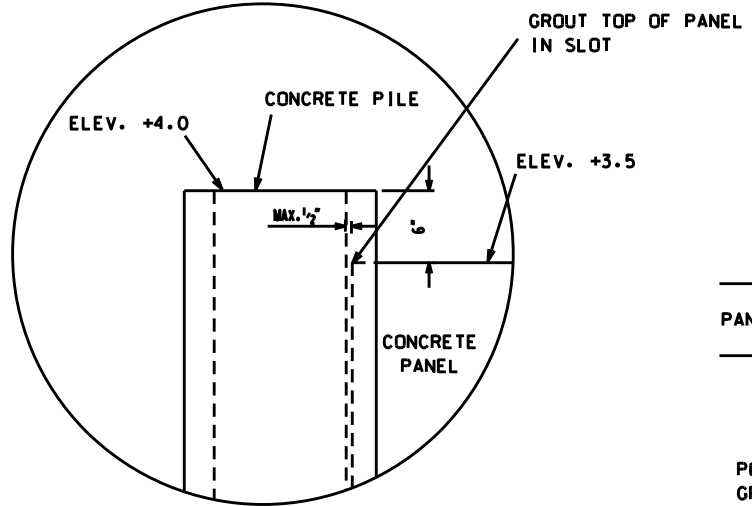


MODIFICATION #4

PILE & PANEL SPACING & SIZES

LOCATION	A	B	PILE LENGTH	PILE SIZE
REACH1. SECTIONS 1-14	21'	19'4"	70'	24"x24"
REACH1. SECTIONS 15-21	13'	11'10"	70'	18"x18"
REACH1. SECTIONS 22-30	17'	15'8"	70'	20"x20"
REACH2. SECTIONS 1-6	17'	15'8"	70'	20"x20"
REACH2. SECTION 7 (3 PANELS)	20'-8"	19'4"	70'	20"x20"
REACH2. SECTION 7 (2 PANELS)	13'-2"	11'10"	70'	20"x20"
REACH2. SECTION 8	17'	15'8"	70'	20"x20"
REACH3. SECTIONS 1- 4	21'	19'4"	70'	24"x24"
REACH3. SECTIONS 5- 11	16'	14'8"	70'	20"x20"

NOTE:
 PANEL SHALL BE PLACED WITH EQUAL SPACING BETWEEN PILE NOTCH AND PANEL SIDES AND END OF 1/2". THE PANEL SHALL BE BRACED AGAINST MOVEMENT AND ENTIRE SPACE BETWEEN PILE NOTCH & PANEL SHALL BE GROUTED FROM TOP OF PANEL DOWN FOR A LENGTH OF 2'.



GROUTING DETAIL

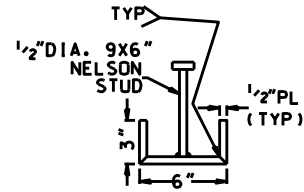
A - PILING CENTER TO CENTER DISTANCE
 B - LENGTH OF CONCRETE PANEL

"AS BUILT"

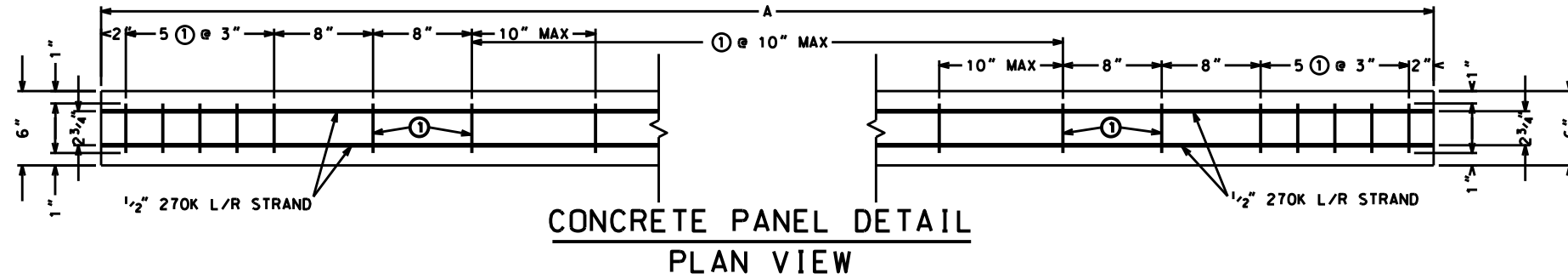
NOTE:
 1. ALL END PILES ON ALL WALL SECTIONS WILL BE 20"x20"x53' EXCEPT REACH 1, SECTIONS 15-21 WHICH WILL BE 18"x18"x70'.
 2. MINIMUM ONE FOOT THICK BLANKET OF SURFACE COARSE AGGREGATE TO EXTEND FROM WALL TEN FEET AROUND FRONT, BACK AND ENDS OF CONCRETE PANEL WALL.

DETAIL A
NOT TO SCALE

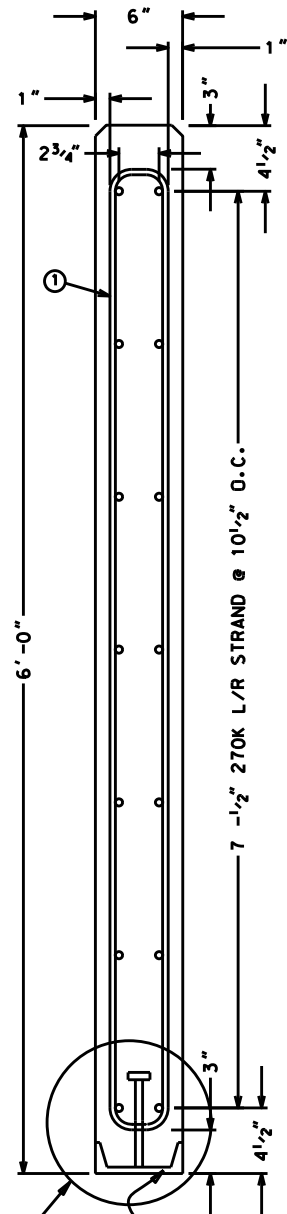
A	MARK	QTY/PANEL	BAR LENGTH	LENGTH/PANEL	SIZE	METRIC SIZE	TYPE	A	B	C	D	E	G
19'4"	1	31	12'-4"	382.33'	3	10	T1	0'-4"	0'-4"	5'-6"	0'-4"	5'-6"	0'-4"
15'8"	1	26	12'-4"	320.67'	3	10	T1	0'-4"	0'-4"	5'-6"	0'-4"	5'-6"	0'-4"
14'8"	1	25	12'-4"	308.33'	3	10	T1	0'-4"	0'-4"	5'-6"	0'-4"	5'-6"	0'-4"
11'10"	1	22	12'-4"	271.33'	3	10	T1	0'-4"	0'-4"	5'-6"	0'-4"	5'-6"	0'-4"



ALTERNATIVE TO
C6x13 CHANNEL



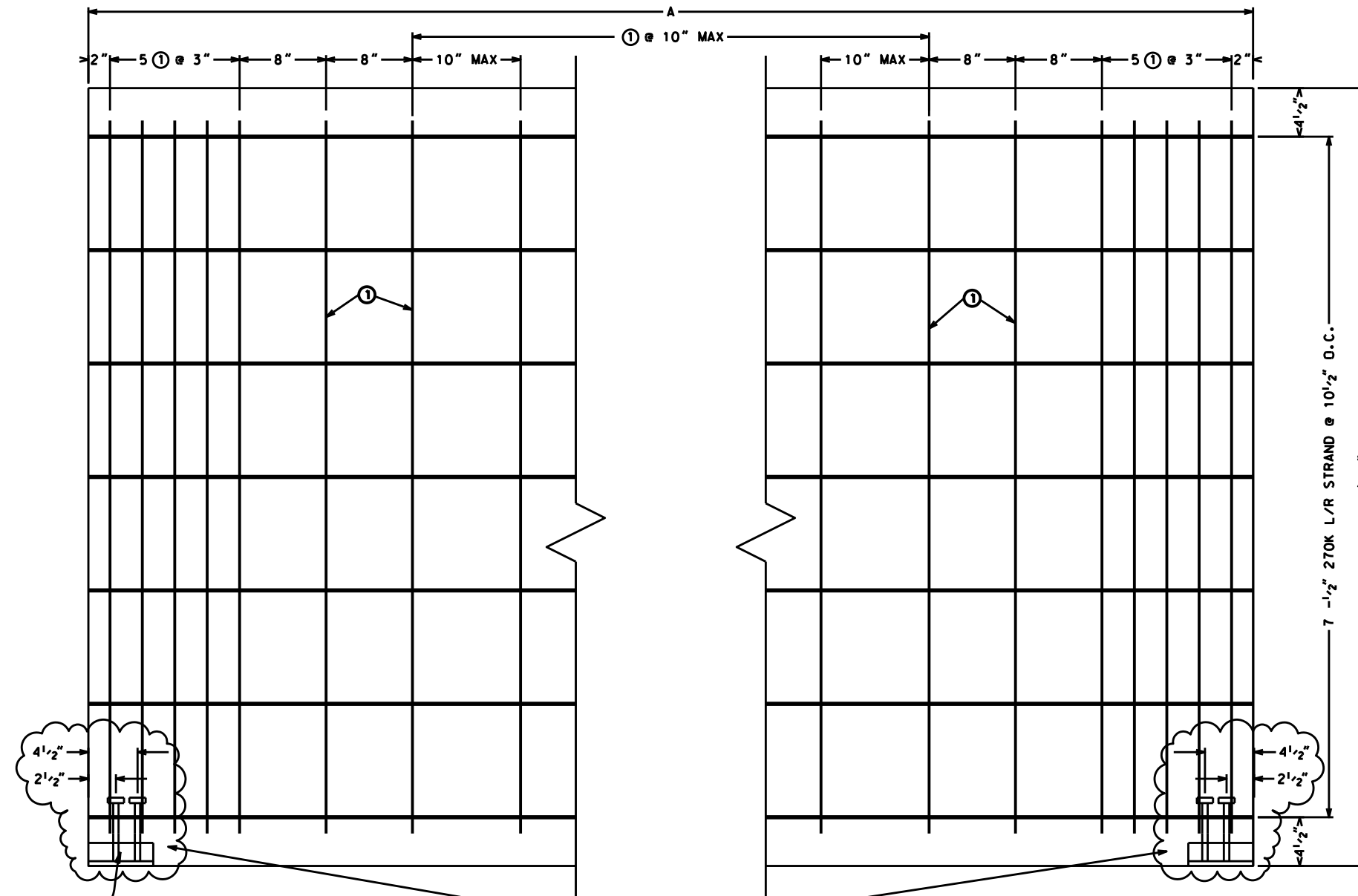
CONCRETE PANEL DETAIL
PLAN VIEW



SEE ALTERNATIVE

6" LONG STAINLESS STEEL
C6x13 w/ 2-1/2" DIA. 9x6" LONG NELSON STUDS
@ EACH END OF PANEL

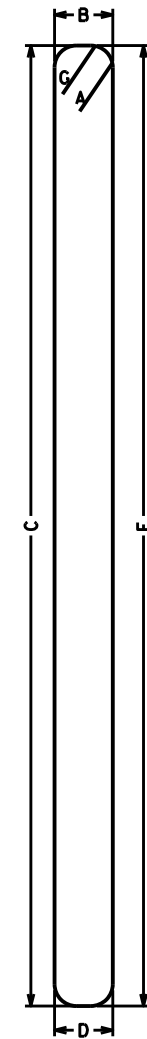
CONCRETE PANEL DETAIL
SIDE VIEW



AMENDMENT #4

CONCRETE PANEL DETAIL
ELEVATION VIEW

NOTE:
ALL CHANNELS, PLATES, RODS, AND STUDS
TO BE FABRICATED OUT OF
STAINLESS STEEL. (TYPE 304)



TYPE T1
PANEL STIRRUP

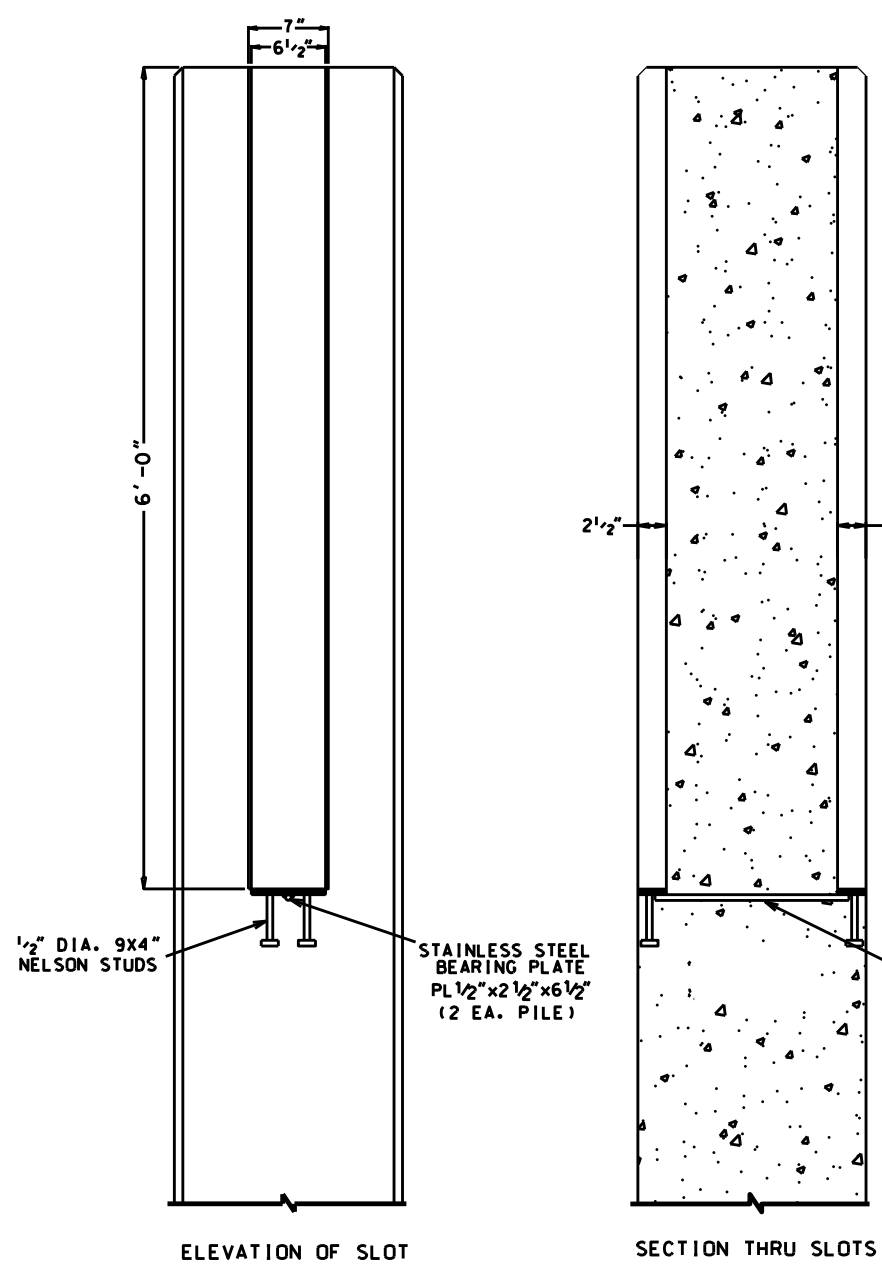
"AS BUILT"

Date _____
Approved by E.J. GIERING III
Date 08/03
Designed C. LAFLEUR
Drawn D.J. WILLMORE
Traced _____
Checked B. STICKER
Title STATE CONSERVATION ENGINEER
ALEXANDRIA, LA.
Title _____

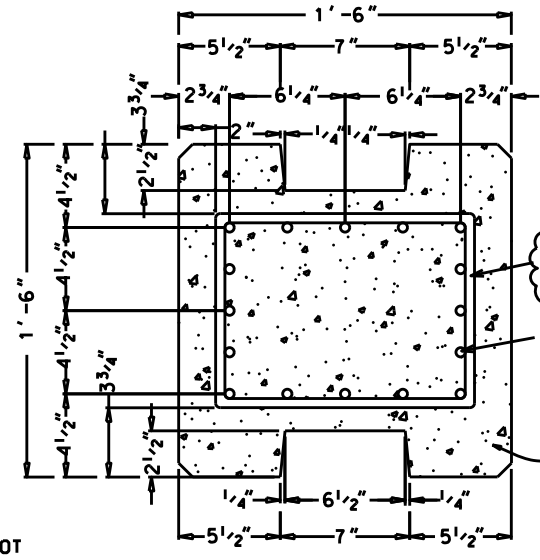
DETAILS-CONCRETE PANEL
BARATARIA BASIN LANDBRIDGE
PROJECT BA-27 & BA-27C - CU#4
JEFFERSON PARISH, LA.

NO.	DATE	APPR.	TITLE
A4	01/05	B.A.S.	A.S.C.E.

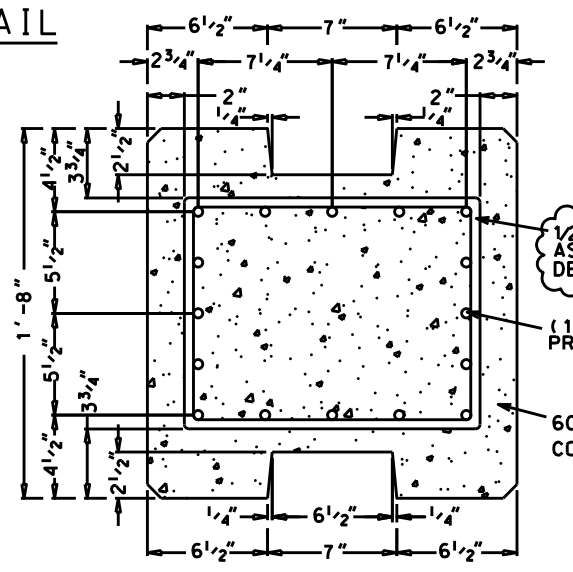
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE
CAD FILE NO.
LA336050A4.DGN
DRAWING NO.
LA336
Sht. 50A4 of 54



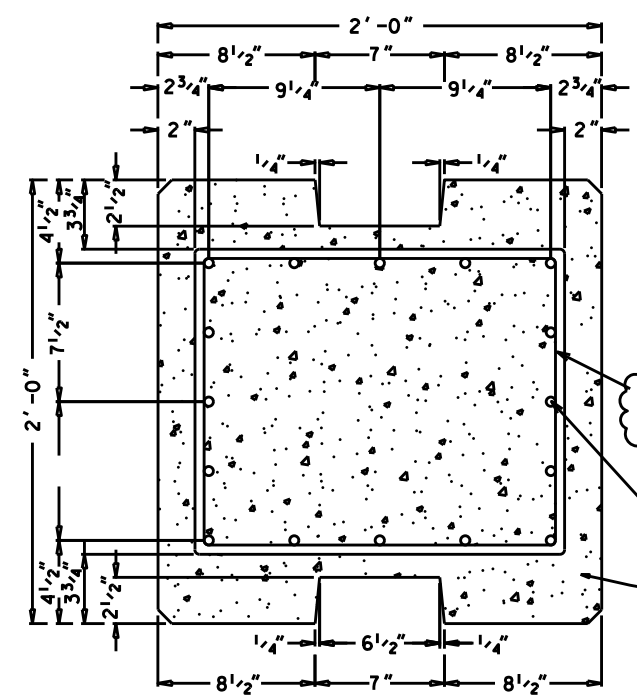
CONCRETE PILE DETAIL



CONCRETE PILE DETAIL
PLAN VIEW
18" x 18"



CONCRETE PILE DETAIL
PLAN VIEW
20" x 20"



CONCRETE PILE DETAIL
PLAN VIEW
24" x 24"

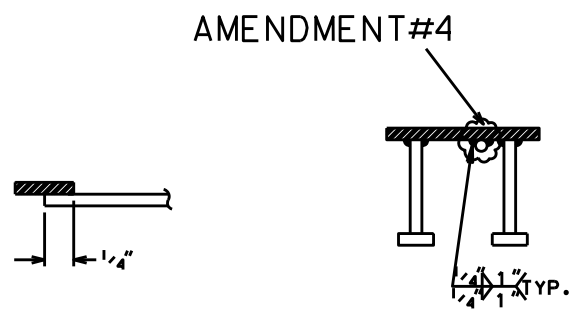
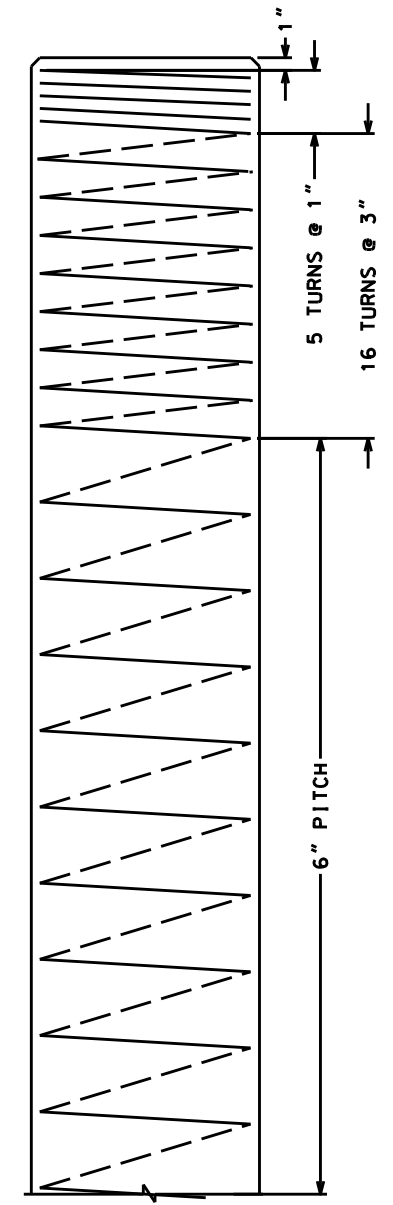
SUPPLIER DUNHAM PIPE USED 1/2" SPIRAL WIRE.
SUPPLIER STANDARD CONCRETE ING. USED 3/8"
SPIRAL WIRE, DIFFERENT PITCH ACCORDING TO
PCI MANUAL.

AMENDMENT#4

1/2" SPIRAL WIRE
AS PER PRESTRESSED STRAND
DETAIL DIMENSIONS

PRESTRESSED STRAND
DETAIL DIMENSIONS
HALF SECTION

"AS BUILT"

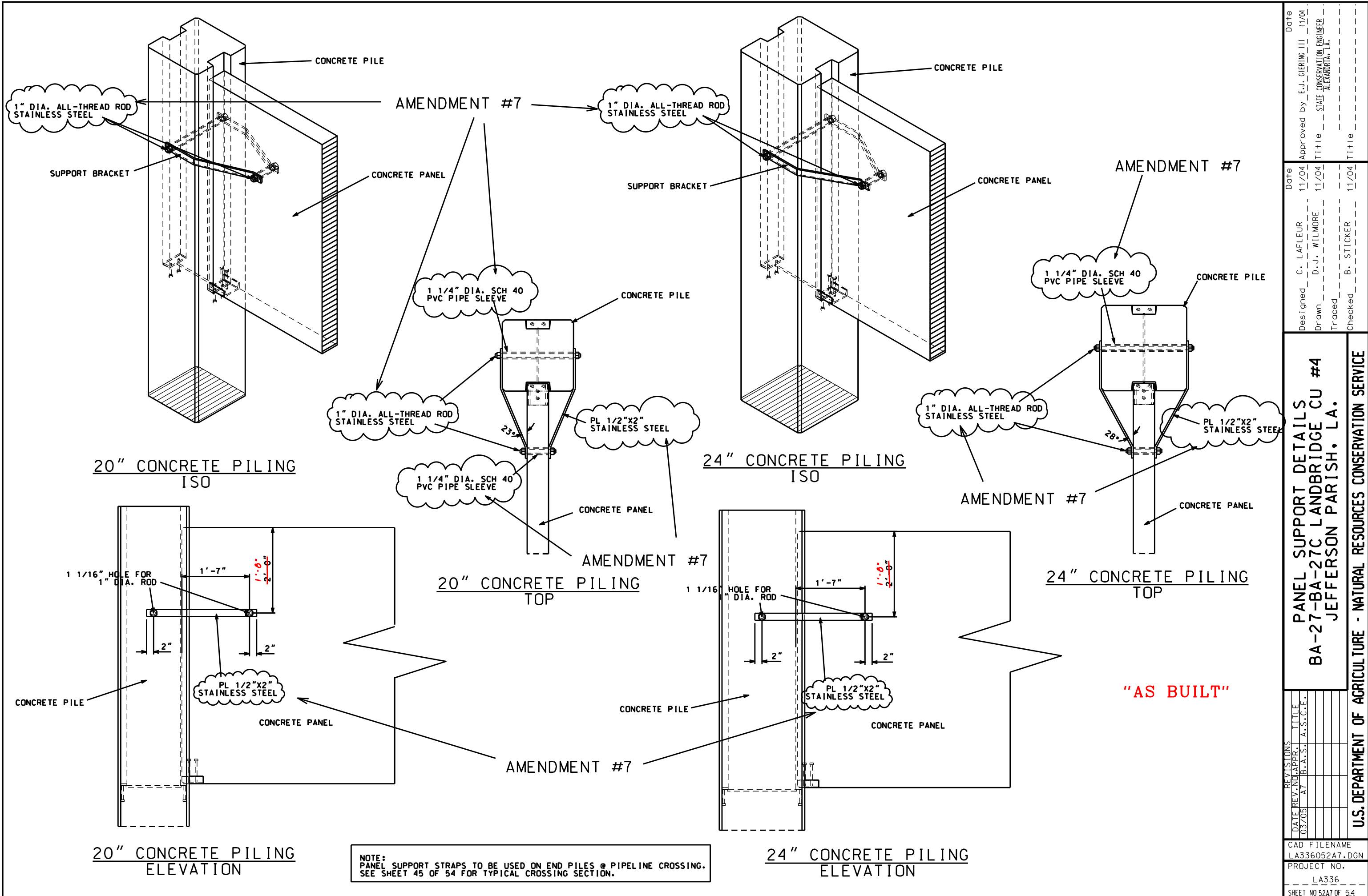


BEARING PLATE
DETAILS

Date	08/03	Approved by	E.J. GIERING III
Designed	C. LAFLEUR	Title	STATE CONSERVATION ENGINEER
Drawn	D.J. WILMORE	Title	ALEXANDRIA, LA.
Traced	B. STICKER	Title	
Checked		Title	

TYPICAL - CONCRETE PILE
BA-27 -BA-27C LANDBRIDGE CU#4
JEFFERSON PARISH, LA.

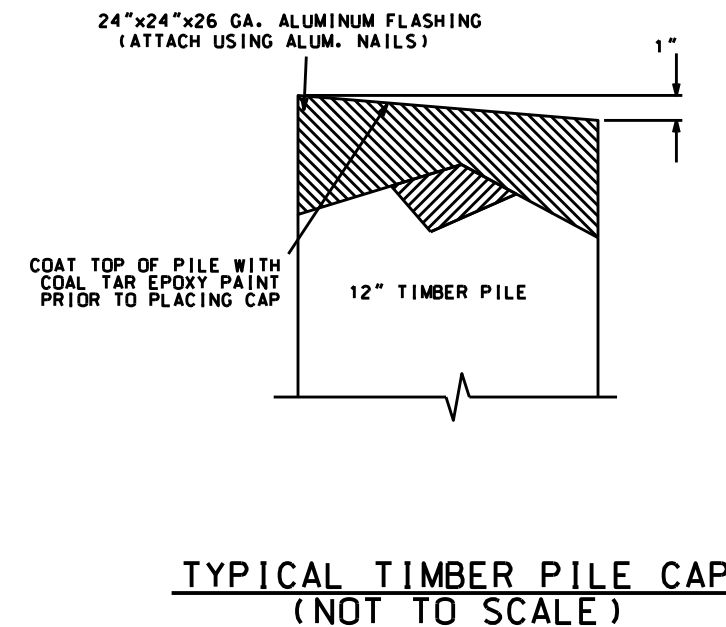
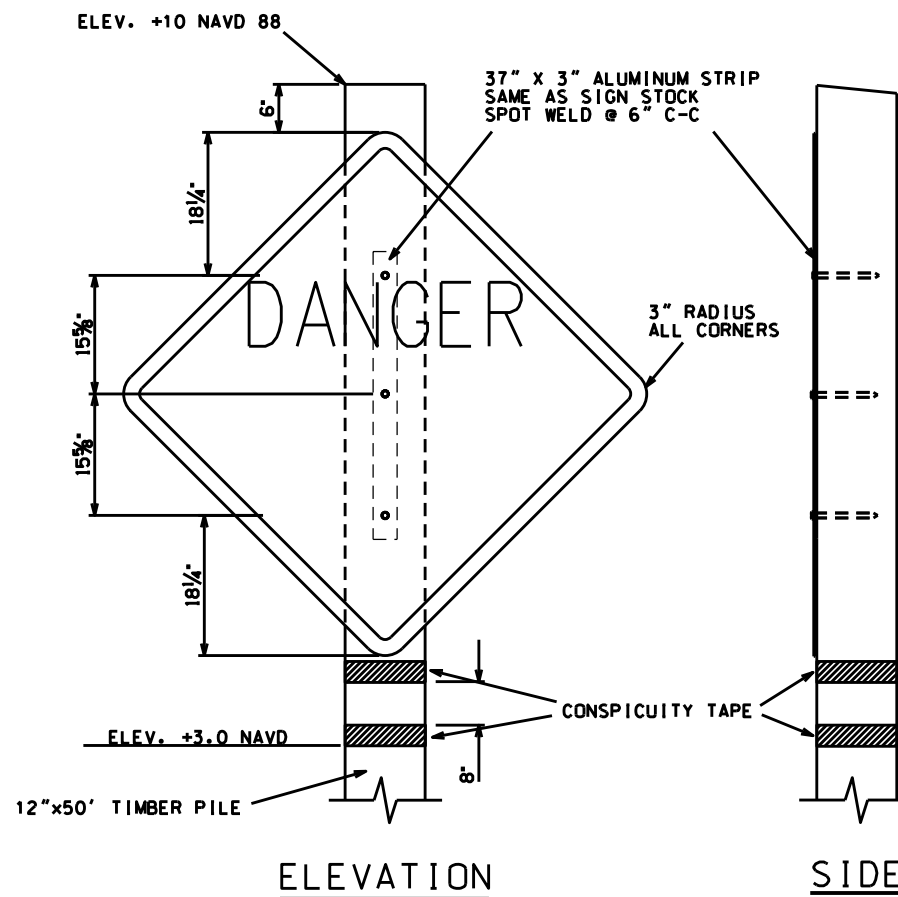
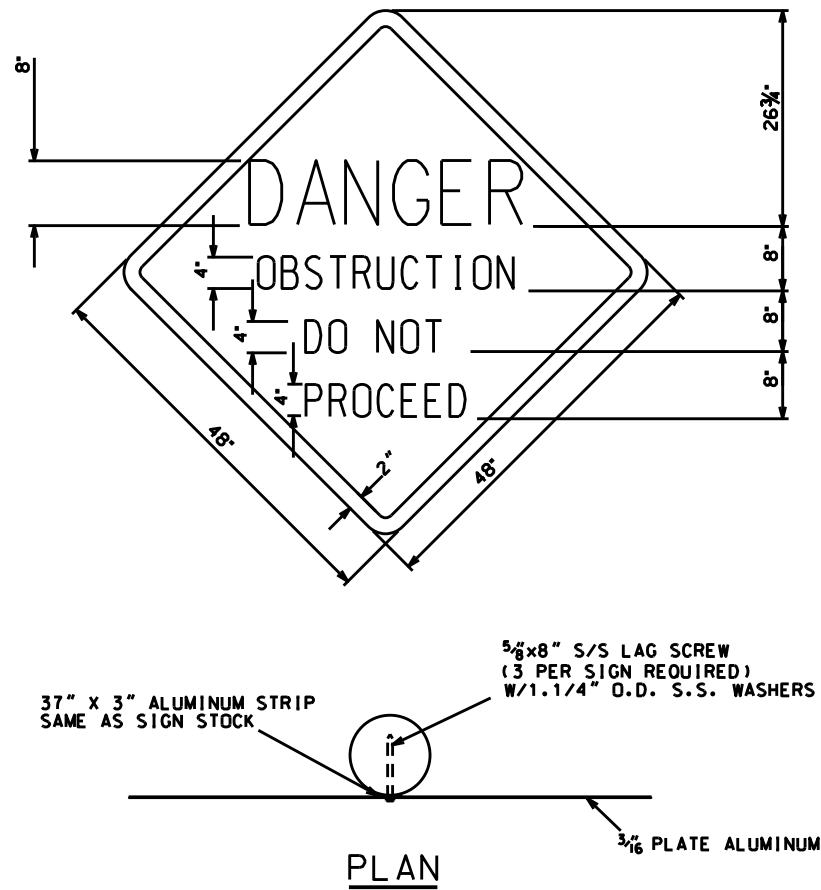
NO.	DATE	APPR.	TITLE
A4	01/05	B.A.S.	A.S.C.E.



Approved by	E.J. GIERING III	Date	11/04
Designed	C. LAFLEUR	Date	11/04
Drawn	D.J. WILMORE	Date	11/04
Traced	B. STICKER	Date	11/04
Checked	B. STICKER	Date	11/04
Title	STATE CONSERVATION ENGINEER	Title	
	ALEXANDRIA, LA.	Title	

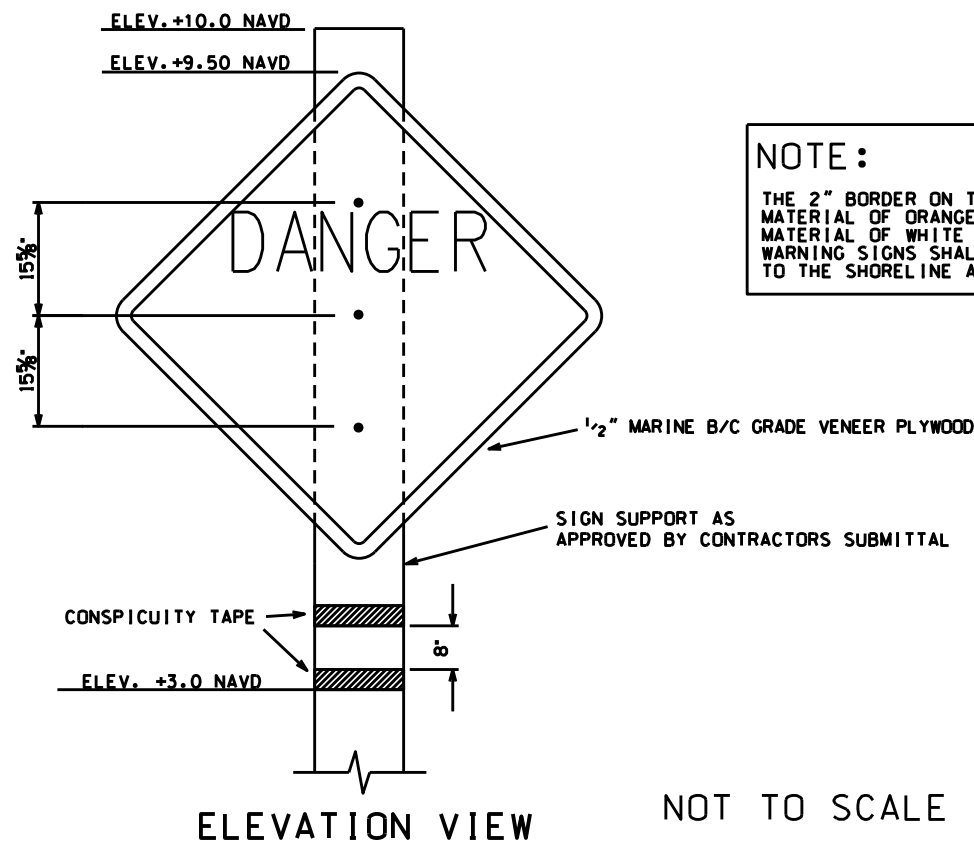
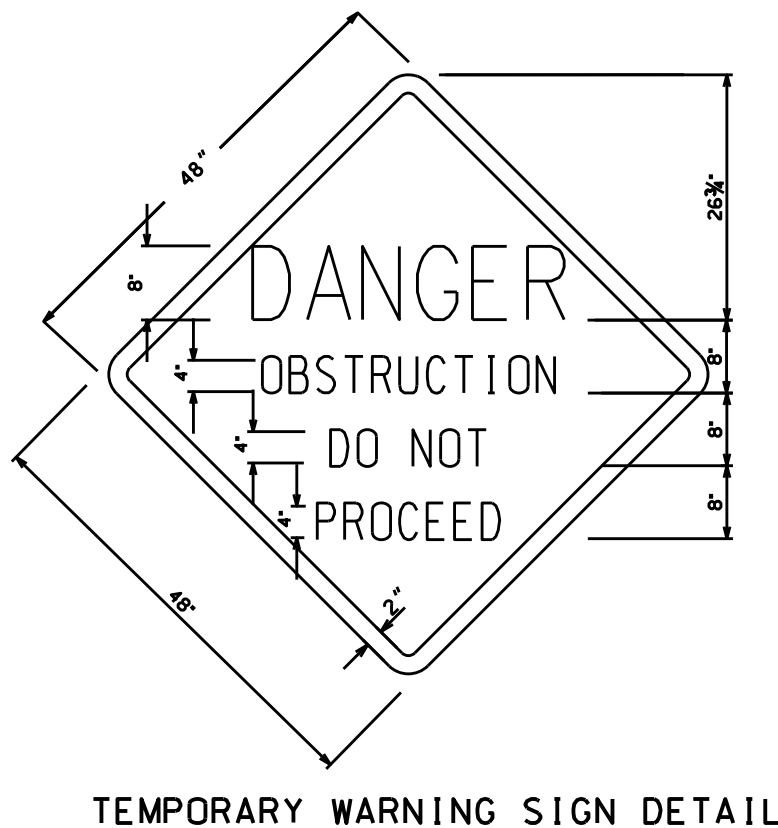
PANEL SUPPORT DETAILS
 BA-27-BA-27C LANDBRIDGE CU #4
 JEFFERSON PARISH, LA.

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE
REVISIONS
DATE REV. NO. APPR. TITLE
03/05 A7 B.A.S. A.S.C.E.
CAD FILENAME
LA336052A7.DGN
PROJECT NO.
LA336
SHEET NO 52A7 OF 54



NOTE:
WARNING SIGNS SHALL BE SPACED A MAXIMUM OF 500' AND PLACED IN FRONT OF ALL OPENINGS IN THE STRUCTURE.

PERMANENT WARNING SIGN DETAILS



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 FACING PERPENDICULAR TO THE SHORELINE AS CONCURRED IN BY THE CONTR.

"AS BUILT"

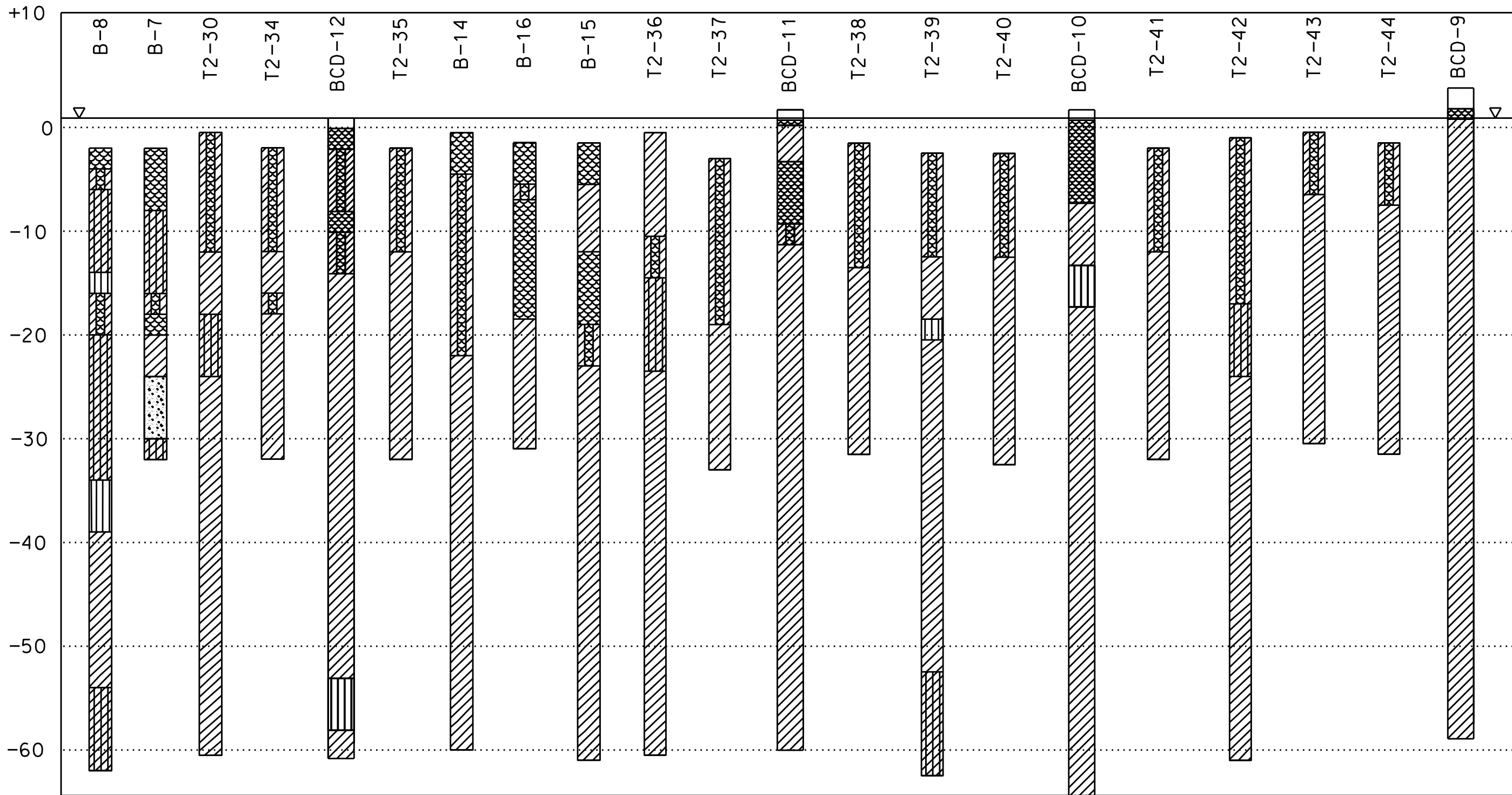
Approved by	E.J. GIERING III	Date	08/03
Title	STATE CONSERVATION ENGINEER	Approved by	C.LAFLEUR
	ALEXANDRIA, LA.	Date	01/03
		Drawn	D.J. WILLMORE
		Traced	B. STICKER
		Checked	B. STICKER
			04/04

WARNING SIGN DETAILS
BA-27-BA-27C LANDBRIDGE CU#4
JEFFERSON PARISH, LA.







NO.	DATE	APPR.	TITLE

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

CAD FILENAME
LA336053.DGN
PROJECT NO.
LA336
SHEET NO 53 OF 54



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)

SOIL BORING COORDINATES

LOCATION	NORTHING	EASTING
B-8	389376.89	3653065.19
B-7	389630.97	3654201.83
T2-30	391115.47	3655140.35
T2-34	394607.14	3658707.14
BCD-12	393229.48	3659313.07
T2-35	392909.94	3660640.96
B-14	391559.84	3660981.78
B-16	390109.11	3661359.00
B-15	390577.16	3661680.86
T2-36	391969.86	3661551.50
T2-37	393902.90	3661893.34
BCD-11	394890.53	3662633.56
T2-38	395424.95	3663502.11
T2-39	396559.79	3664788.15
T2-40	398375.66	3665510.66
BCD-10	398833.35	3666759.55
T2-41	399797.89	3667217.26
T2-42	400875.32	3667841.49
T2-43	402446.29	3668328.00
T2-44	404935.96	3668760.54
BCD-9	406379.15	3668630.41

NOTE:

SEE SHEETS 3-28 OF 53 FOR SOIL BORING LOCATIONS

"AS BUILT"

SOIL BORING PROFILES BA-27-BA-27C LANDBRIDGE CU#4 JEFFERSON PARISH, LA.		U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE																				
Designated by <u>C. LAFLEUR</u> Drawn by <u>D.J. WILMORE</u> Traced by <u>B. STICKER</u> Checked by <u>B. STICKER</u>	Approved by <u>E.J. GIERING, JIL</u> Title <u>STATE CONSERVATION ENGINEER</u> Title <u>ALEXANDRIA, LA.</u>	Date <u>10/02</u> Date <u>10/02</u> Date <u>04/04</u>																				
REVISIONS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>APPR.</th> <th>TITLE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>		NO.	DATE	APPR.	TITLE																	CAD FILENAME LA336054.DGN PROJECT NO. LA336 SHEET NO. 54 OF 54
NO.	DATE	APPR.	TITLE																			