

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

PROJECT VICINITY

VICINITY MAP
PO-75 LaBRANCHE EAST MARSH CREATION

1 0 1 2 3 4
SCALE IN MILES

A map of Louisiana showing its 64 parishes. The parish of St. John the Baptist is highlighted in green. The map includes labels for the following parishes: Bossier, Webster, Claiborne, Union, Morehouse, West Carroll, East Carroll, Caddo, Lincoln, Ouachita, Richland, Madison, Bienville, Jackson, De Soto, Red River, Winn, Caldwell, Franklin, Tensas, Catahoula, La Salle, Concordia, Sabine, Natchitoches, Grant, Avoyelles, Vernon, Rapides, West Feliciana, East Feliciana, St. Helena, Washington, Tangipahoa, St. Tammany, Allen, Evangeline, St. Landry, Pointe Coupee, East Baton Rouge, Livingston, Iberville, Ascension, St. James, St. John the Baptist, Orleans, St. Bernard, St. Martin, Iberia, Vermilion, Terrebonne, Lafourche, Calcasieu, Jefferson Davis, Acadia, Lafayette, and St. Mary.

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REVISIONS			
NO.	DATE	APPROVED	TITLE
M1	XX/XX/09	INITIALS	XXX

PO-75 LaBRANCHE EAST MARSH CREATION
MARSH CREATION

ST. CHARLES PARISH, LOUISIANA

Conservation Service

DATE	
09/17	DESIGNED _____ N. McCOY
10/17	DRAWN _____ A. GREMILLION
10/17	CHECKED _____ B. SAMSON
	APPROVED _____

United States
Department of
Agriculture



FILE NAME
LA-380

DRAWING NAME

LA-380-01

SHEET 01 of 25



NOTICE:
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LaBranche Duck Club
(St. Charles Land Syndicate)

CONTAINMENT DIKE
CENTERLINE

St. Rose Hunting
& Fishing Club
(St. Charles Land Syndicate)

Kent Pfister
(St. Charles Land Syndicate)

Marsh Duck Club
(St. Charles Land Syndicate)

Prairie Club
(St. Charles Land Syndicate)

PLAN MAP - EAST LaBRANCHE MARSH CREATION
PROPERTY OWNERSHIP



DESIGNED	N. McCOY	DATE	09/17
DRAWN	A. GREMILLION		10/17
CHECKED	B. SAMSON		10/17
APPROVED			

PROJECT MAP
PO-75 LaBRANCHE EAST MARSH CREATION
PROPERTY OWNERSHIP MAP
ST. CHARLES PARISH, LOUISIANA



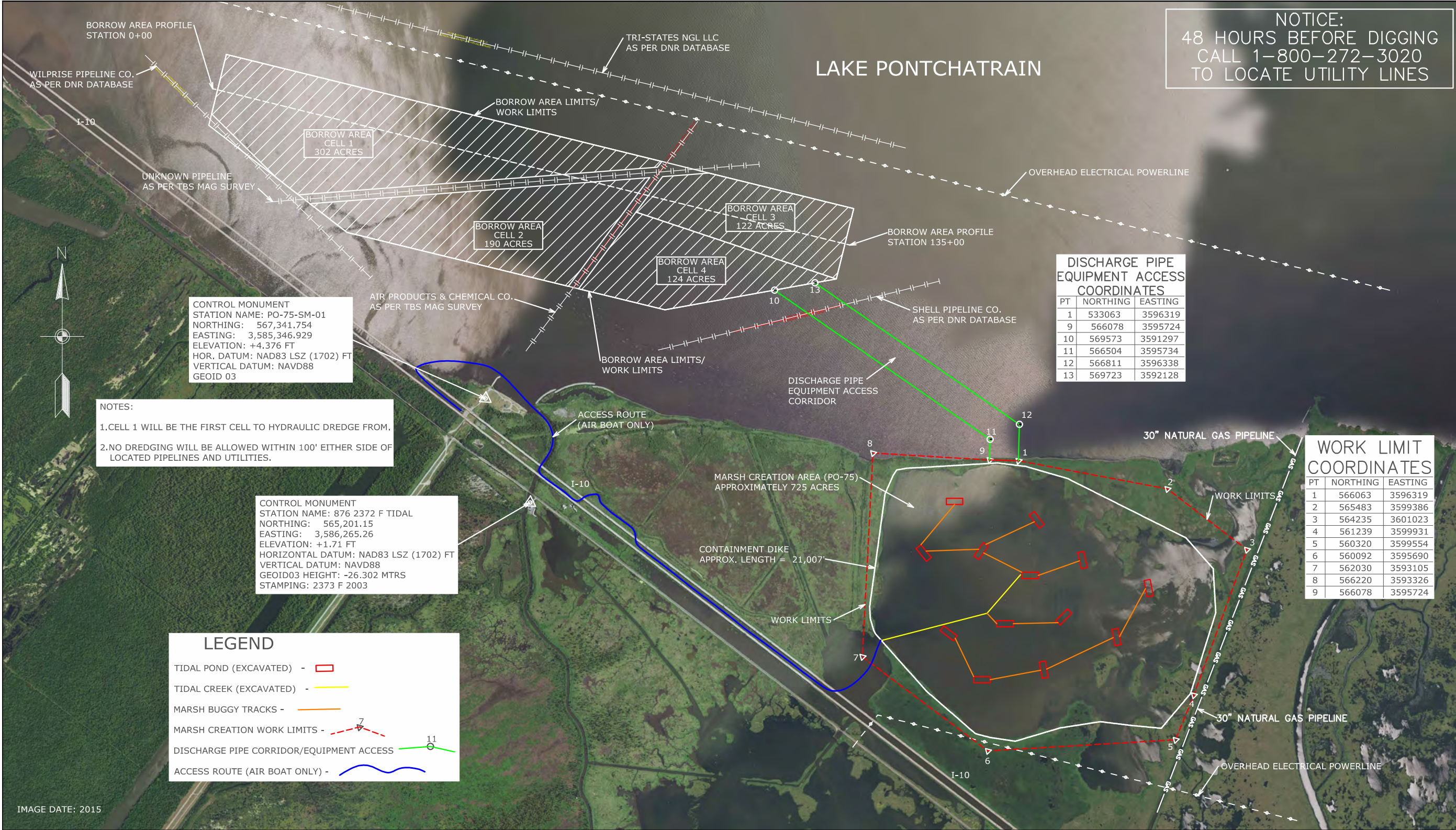
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Natural Resources
Conservation Service

FILE NAME	LA-380
DRAWING NAME	LA-380-02
SHEET	02 of 25

REVISIONS			
NO.	DATE	APPROVED	TITLE
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NOTICE:
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DISCHARGE PIPE EQUIPMENT ACCESS COORDINATES		
PT	NORTHING	EASTING
1	533063	3596319
9	566078	3595724
10	569573	3591297
11	566504	3595734
12	566811	3596338
13	569723	3592128

WORK LIMIT COORDINATES		
PT	NORTHING	EASTING
1	566063	3596319
2	565483	3599386
3	564235	3601023
4	561239	3599931
5	560320	3599554
6	560092	3595690
7	562030	3593105
8	566220	3593326
9	566078	3595724

LEGEND

TIDAL POND (EXCAVATED) -

TIDAL CREEK (EXCAVATED) -

MARSH BUGGY TRACKS -

MARSH CREATION WORK LIMITS -

DISCHARGE PIPE CORRIDOR/EQUIPMENT ACCESS -

ACCESS ROUTE (AIR BOAT ONLY) -

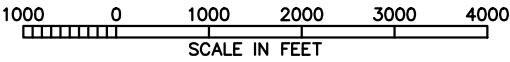
DESIGNED	N. McCOY	DATE	09/17
DRAWN	A. GREMILLION	DATE	10/17
CHECKED	B. SAMSON	DATE	10/17
APPROVED			

PROJECT MAP
PO-75 LaBRANCHE EAST MARSH CREATION
MARSH CREATION AREA & BORROW AREA
ST. CHARLES PARISH, LOUISIANA

United States Department of Agriculture

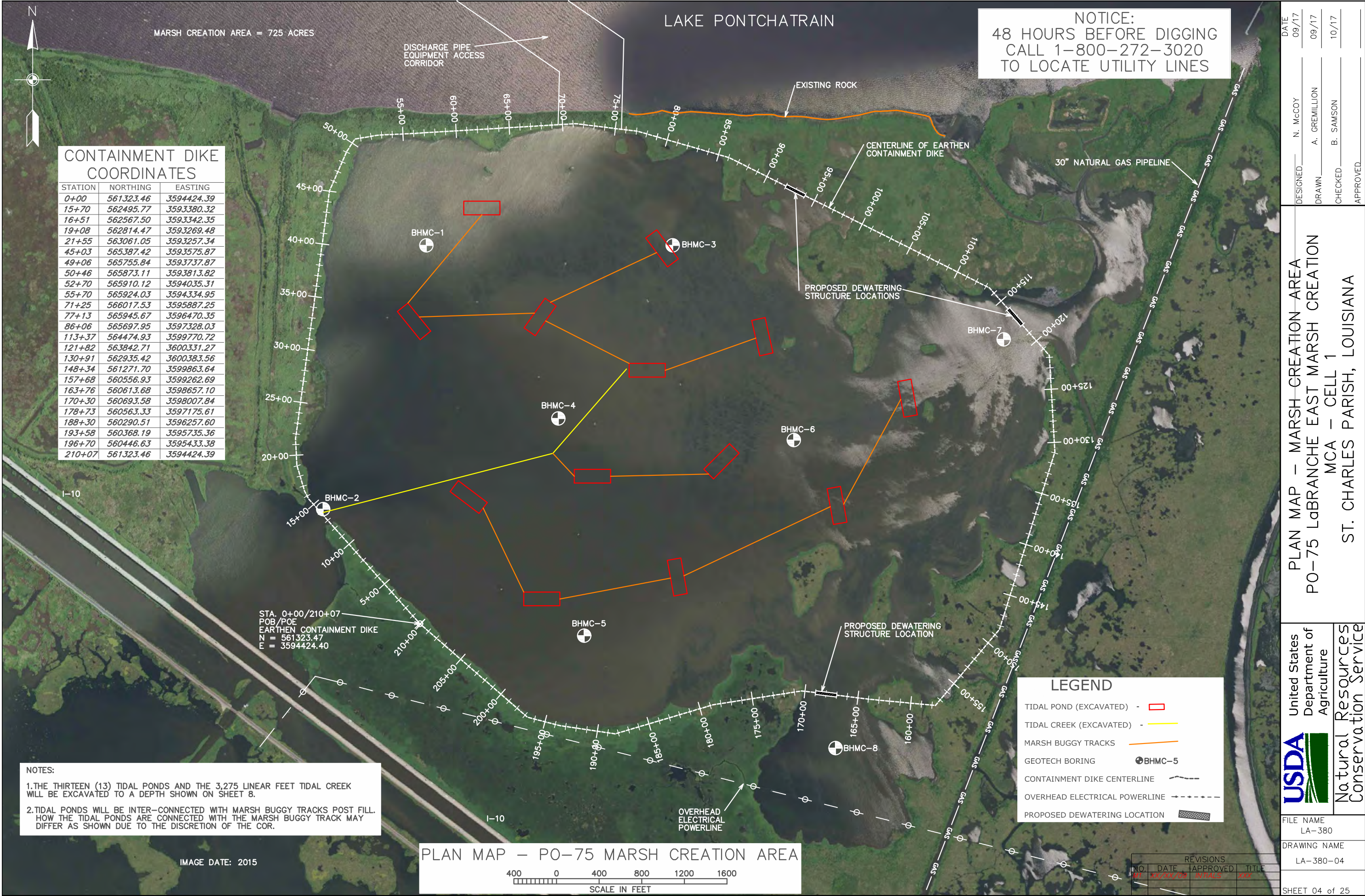
Natural Resources Conservation Service

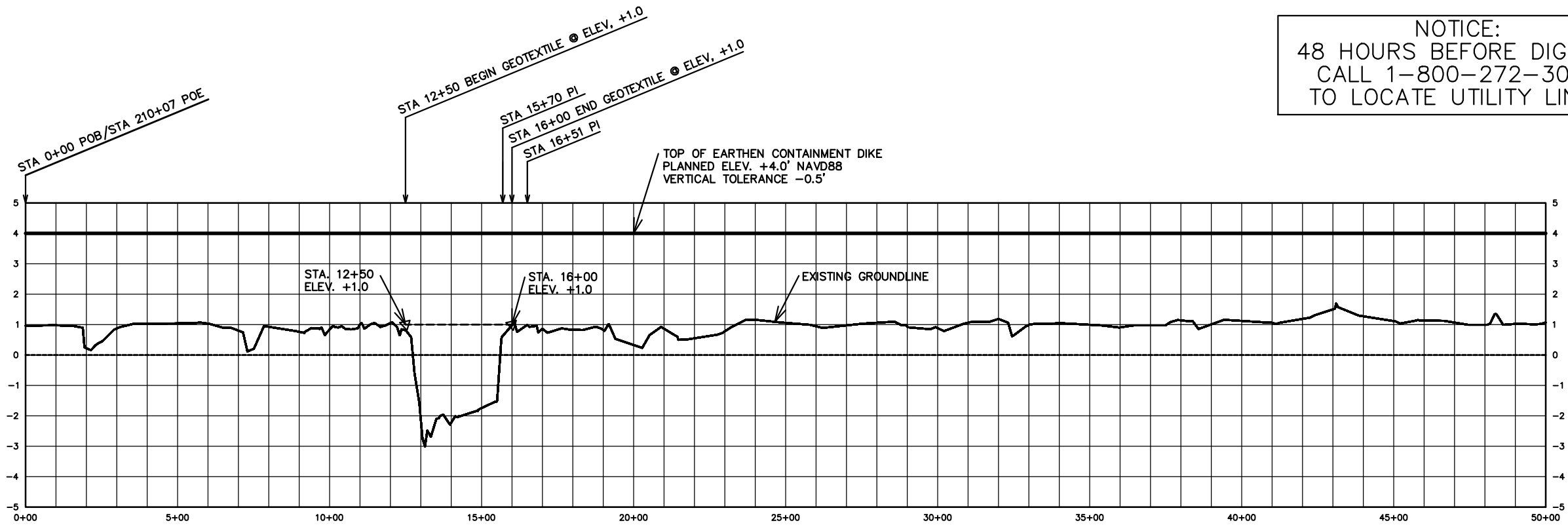
PROJECT MAP - EAST LaBRANCHE MARSH CREATION



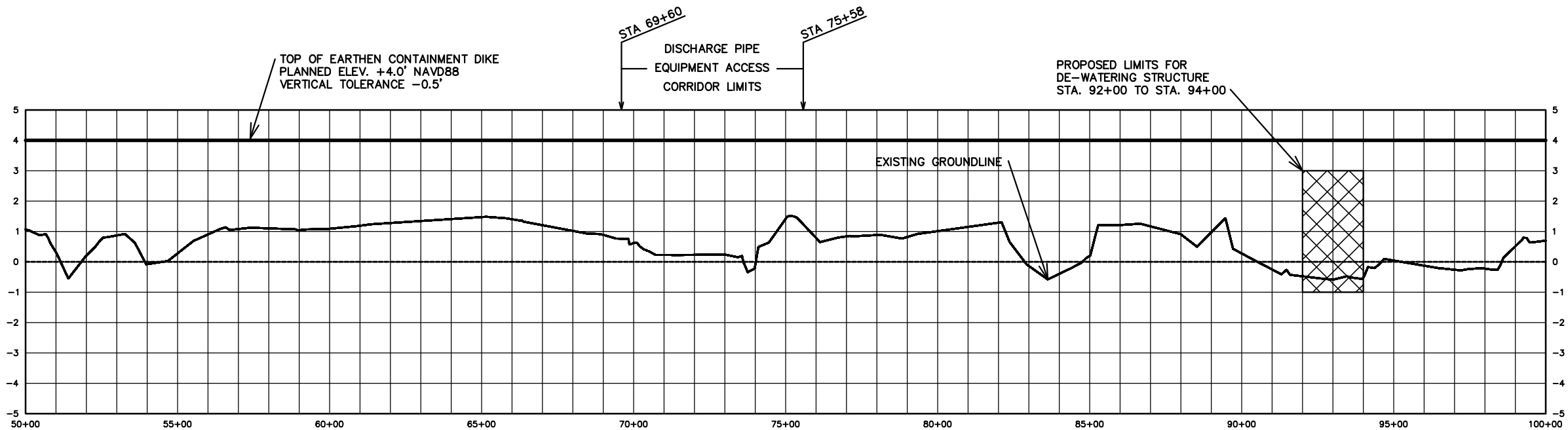
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NO.	DATE	APPROVED	TITLE
M1	XX/XX/09	INITIALS	XXX

FILE NAME	LA-380
DRAWING NAME	LA-380-03
SHEET	03 of 25





CENTERLINE PROFILE-EARTHEN CONTAINMENT DIKE - STA 0+00 to STA 50+00



CENTERLINE PROFILE-EARTHEN CONTAINMENT DIKE - STA 50+00 to STA 100+00

NOTICE:
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DESIGNED	N. McCOY	DATE	09/17
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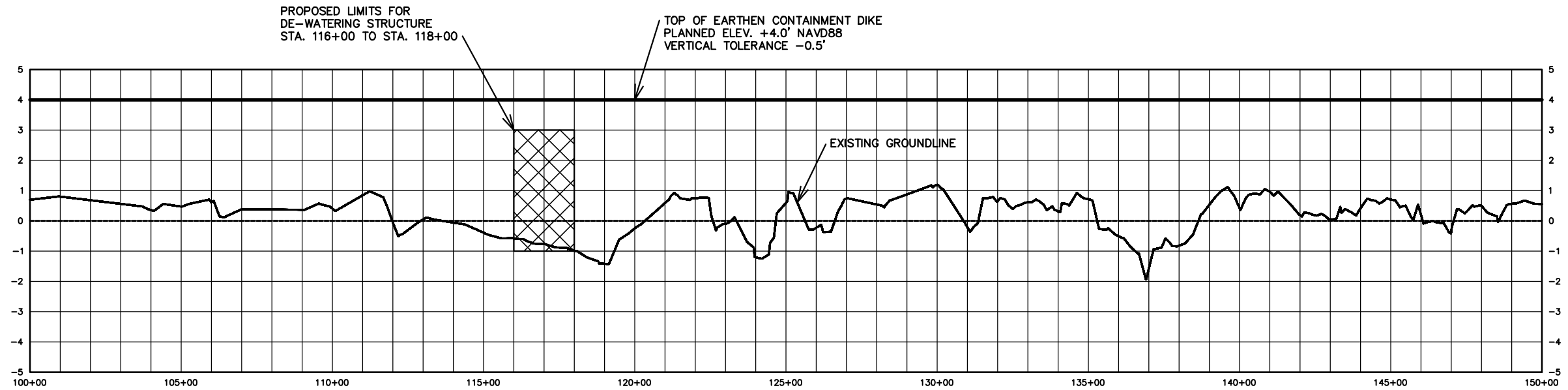
CENTERLINE PROFILE-EARTHEN CONTAINMENT DIKE
STA 0+00 to STA 100+00
PO-75 LaBRANCHE EAST MARSH CREATION
ST CHARLES PARISH, LOUISIANA



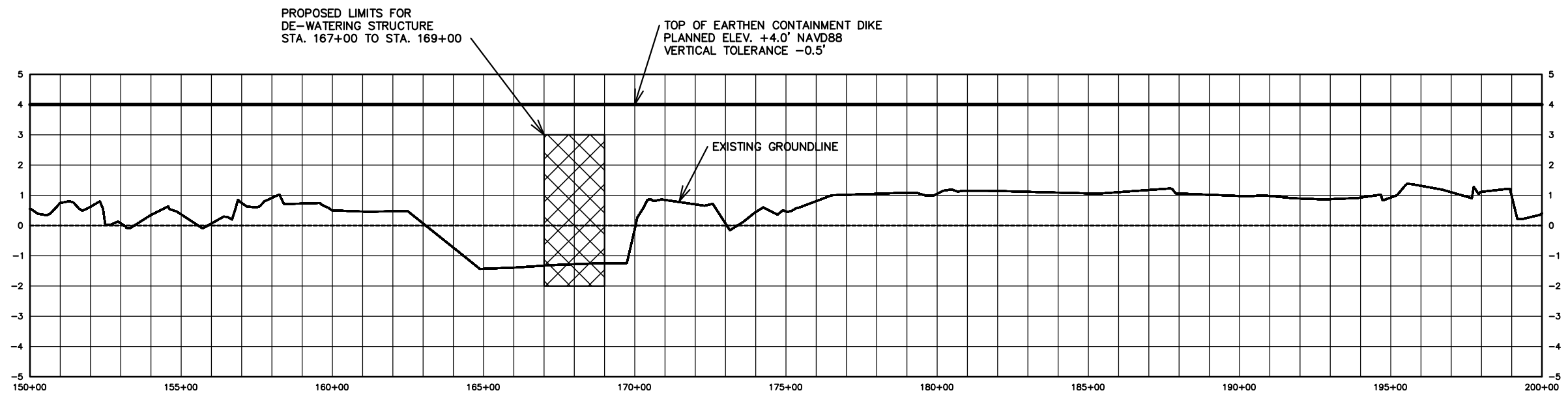
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SHEET	05 of 25

NO.	DATE	APPROVED	TITLE
M1	XX/XX/09	INITIALS	XXX

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TO LOCATE UTILITY LINES



CENTERLINE PROFILE-EARTHEN CONTAINMENT DIKE - STA 100+00 to STA 150+00



CENTERLINE PROFILE-EARTHEN CONTAINMENT DIKE - STA 150+00 to STA 200+00

REVISIONS			
NO.	DATE	APPROVED	TITLE
M1	XX/XX/09	INITIALS	XXX

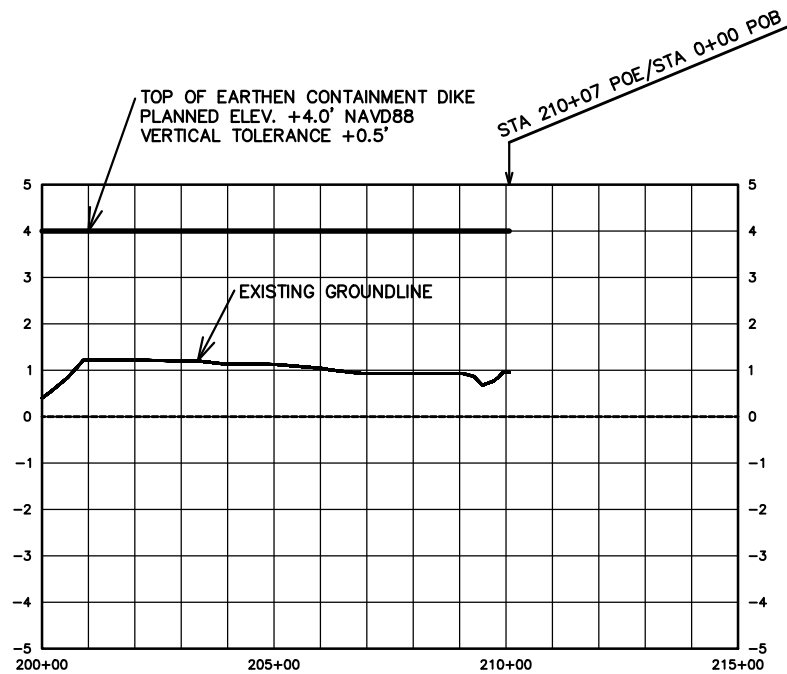
DESIGNED	N. McCOY	DATE	09/17
DRAWN	A. GREMILLION	DATE	10/17
CHECKED	B. SAMSON	DATE	10/17
APPROVED			

CENTERLINE PROFILE-EARTHEN CONTAINMENT DIKE
STA 100+00 to STA 200+00
PO-75 LaBRANCHE EAST MARSH CREATION
ST CHARLES PARISH, LOUISIANA



FILE NAME	LA-380
DRAWING NAME	LA-380-06
SHEET	06 of 25

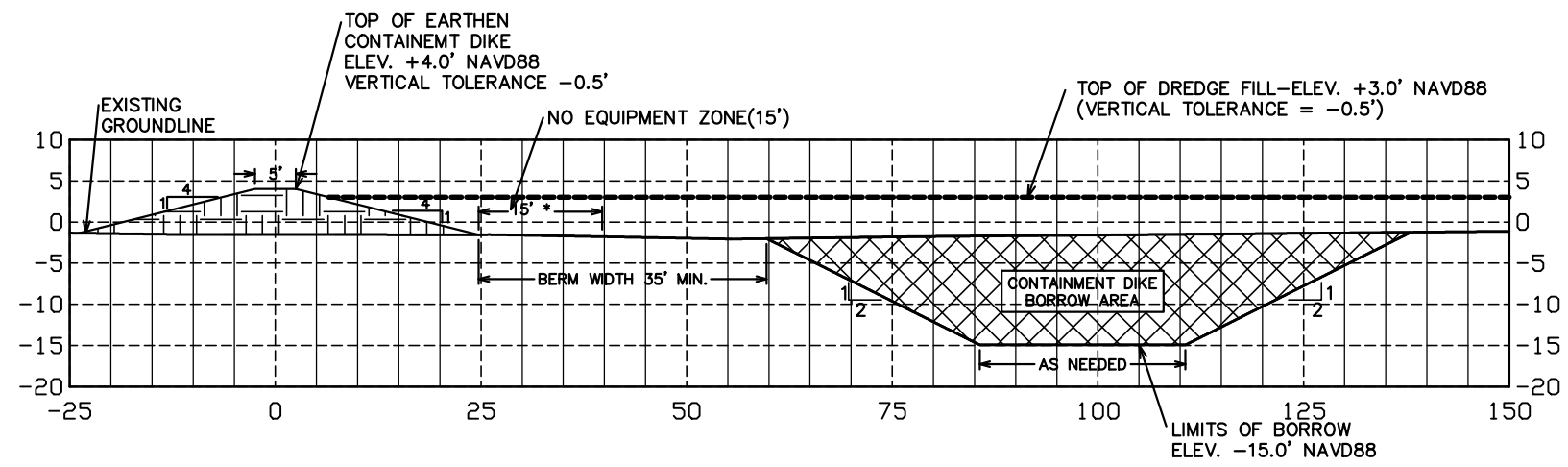
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CENTERLINE PROFILE-EARTHEN CONTAINMENT DIKE – STA 200+00 to STA 210+07

REVISIONS			
NO.	DATE	APPROVED	TITLE
M1	XX/XX/09	INITIALS	XXX

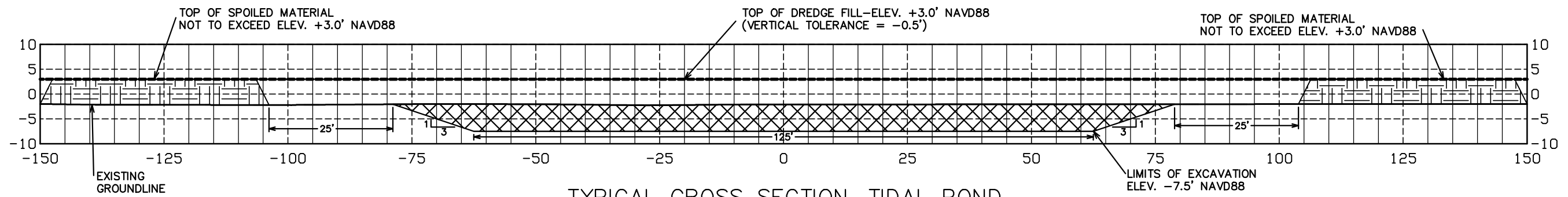
 United States Department of Agriculture Natural Resources Conservation Service	CENTERLINE PROFILE-EARTHEN CONTAINMENT DIKE STA 200+00 to STA 210+07 PO-75 LaBRANCHE EAST MARSH CREATION ST CHARLES PARISH, LOUISIANA		DESIGNED N. McCOY	DATE 09/17
			DRAWN A. GREMILLION	10/17
			CHECKED B. SAMSON	10/17
			APPROVED	
FILE NAME LA-380				
DRAWING NAME LA-380-07				
SHEET 07 of 25				



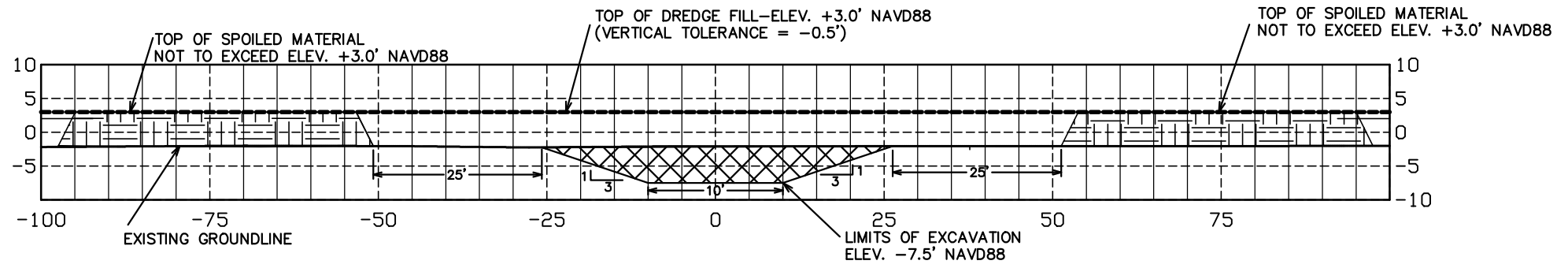
TYPICAL CROSS SECTION—EARTHEN CONTAINMENT DIKE

NOTICE:
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NOTE:
TIDAL PONDS SHALL BE RECTANGLE IN SHAPE WITH DIMENSIONS OF
350' x 125' FOR BOTTOM OF EXCAVATION. EACH POND SHALL BE
ABOUT 1 ACRE IN AREA.



TYPICAL CROSS SECTION—TIDAL POND



TYPICAL CROSS SECTION—TIDAL CREEK

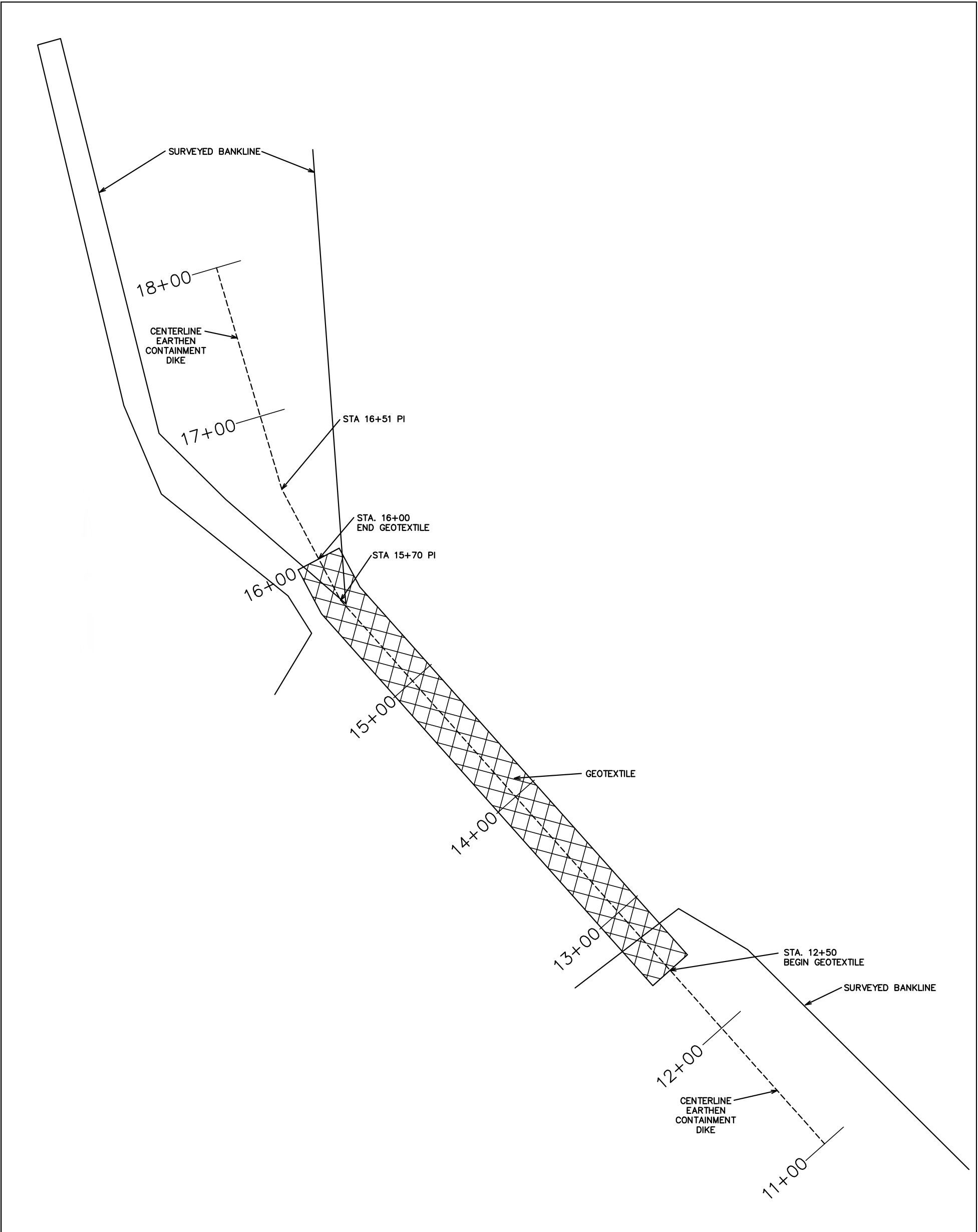
DATE	09/17
DESIGNED	N. McCOY
DRAWN	A. GREMILLION
CHECKED	B. SAMSON
APPROVED	

TYPICAL SECTIONS
CONTAINMENT DIKE, TIDAL PONDS & TIDAL CREEK
PO-75 LaBRANCHE EAST MARSH CREATION
CHARLES PARISH, LOUISIANA



FILE NAME	LA-380
DRAWING NAME	LA-380-8
SHEET	08 of 25

NO.	DATE	APPROVED	TITLE
M1	XX/XX/09	INITIALS	XXX



PLAN VIEW – STA. 11+00 to STA 18+00
PO-75 CONTAINMENT DIKE ALIGNMENT



REVISIONS	
NO.	DATE
1	09/09
2	10/09
3	10/17

FILE NAME
LA-380

DRAWING NAME
LA-380-09

SHEET 09 of 25

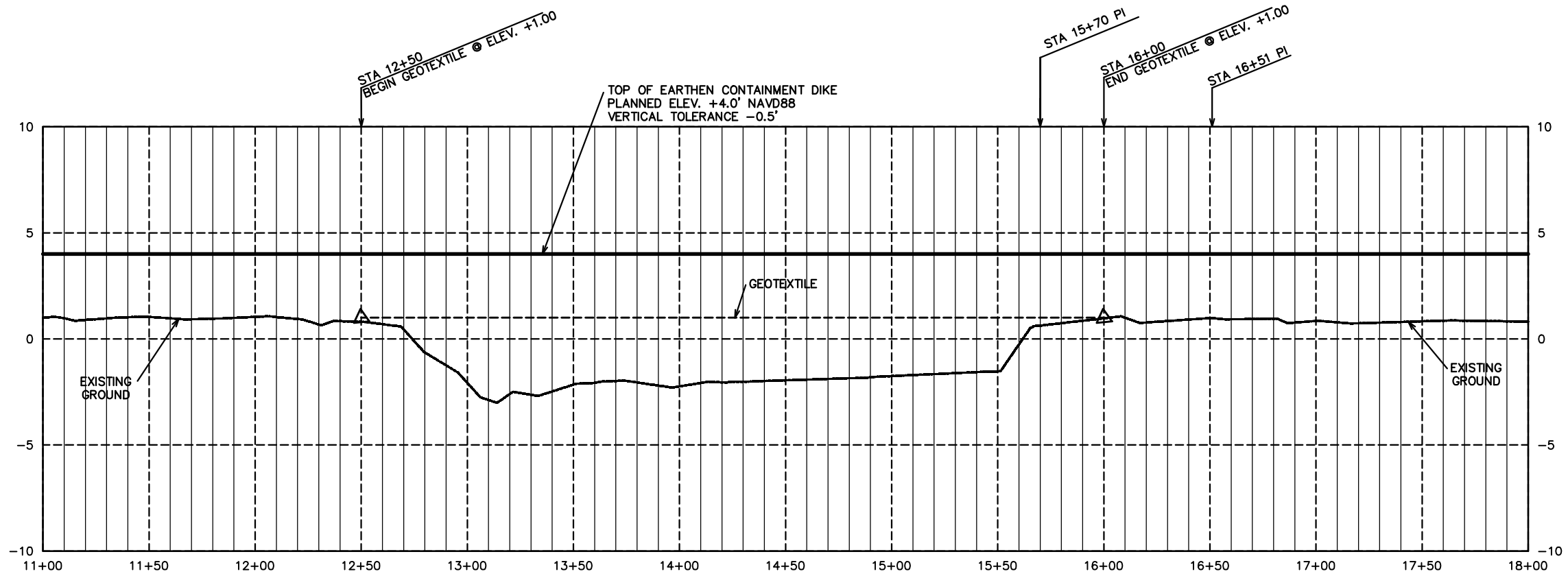


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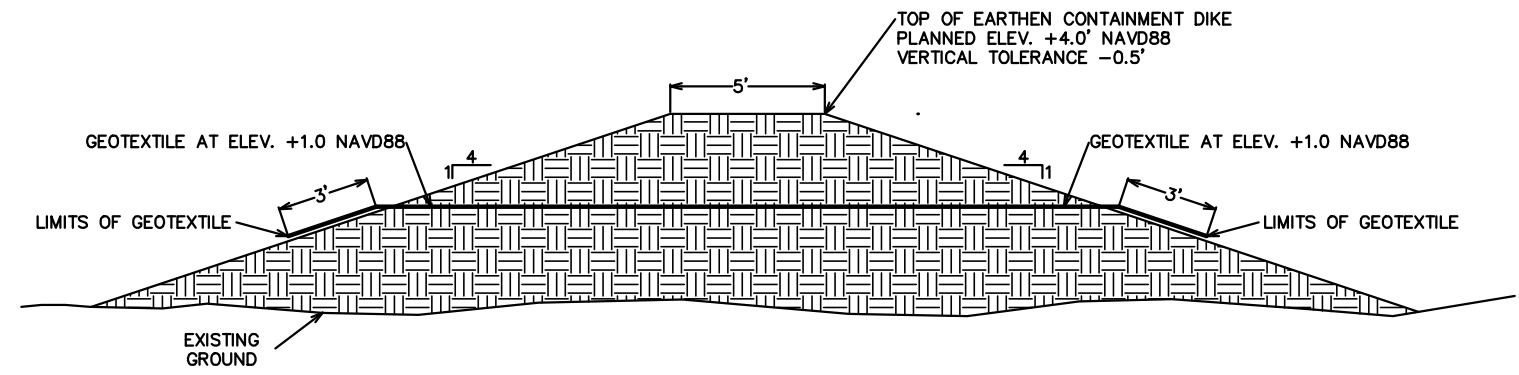
Natural Resources
Conservation Service

PLAN VIEW-EARTHEN CONTAINMENT DIKE
STA 11+00 to STA 18+00
PO-75 LaBRANCHE EAST MARSH CREATION
ST CHARLES PARISH, LOUISIANA

DESIGNED	N. McCOY	DATE	09/17
DRAWN	A. GREMILLION		10/17
CHECKED	B. SAMSON		10/17
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PROFILE ON CENTERLINE – STA. 11+00 to STA 18+00
PO-75 CONTAINMENT DIKE ALIGNMENT



TYPICAL CROSS SECTION – EARTHEN CONTAINMENT DIKE WITH GEOTEXTILE
STA. 12+50 TO STA. 16+00

REVISIONS			
NO.	DATE	APPROVED	TITLE
M1	XX/XX/09	INITIALS	XXX

DESIGNED
N. McCOY

DRAWN
A. GREMILLION

CHECKED
B. SAMSON

APPROVED

DATE
09/17
10/17
10/17

CENTERLINE PROFILE-EARTHEN CONTAINMENT DIKE
STA 11+00 to STA 18+00
PO-75 LaBRANCHE EAST MARSH CREATION
ST CHARLES PARISH, LOUISIANA



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Department of
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Natural Resources
Conservation Service

FILE NAME
LA-380

DRAWING NAME
LA-380-10

SHEET 10 of 25



MARSH CREATION AREA SECTION COORDINATES				
PT	NORTHING	EASTING	SECTION NO.	STATION
1	565984	3593878	1	0+00
2	561837	3593878	1	41+47
3	566069	3595078	2	0+00
4	560655	3595078	2	54+13
5	566069	3596278	3	0+00
6	560197	3596278	3	58+73
7	565722	3597478	4	0+00
8	560511	3597478	4	52+12
9	565122	3598678	5	0+00
10	560512	3598678	5	46+10
11	564454	3599878	6	0+00
12	561218	3599878	6	32+36

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DESIGNED	N. McCOY	DATE	09/17
DRAWN	A. GREMILLION		10/17
CHECKED	B. SAMSON		10/17
APPROVED			

PLAN MAP - MARSH CREATION AREA
PO-75 LaBRANCHE EAST MARSH CREATION
MCA SECTIONS 1 THRU 6
ST. CHARLES PARISH, LOUISIANA

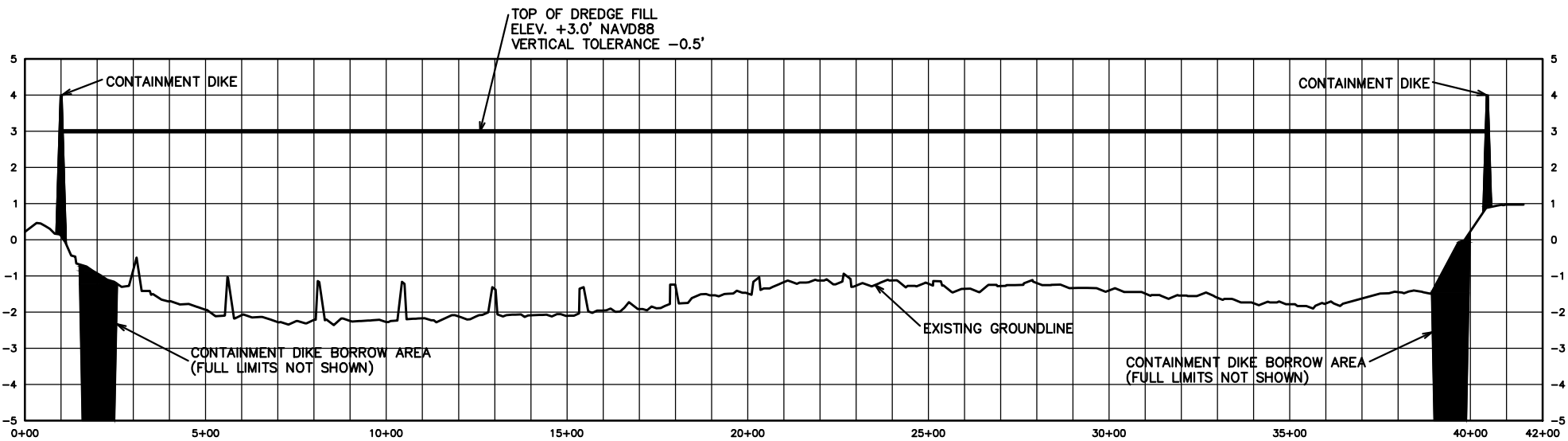


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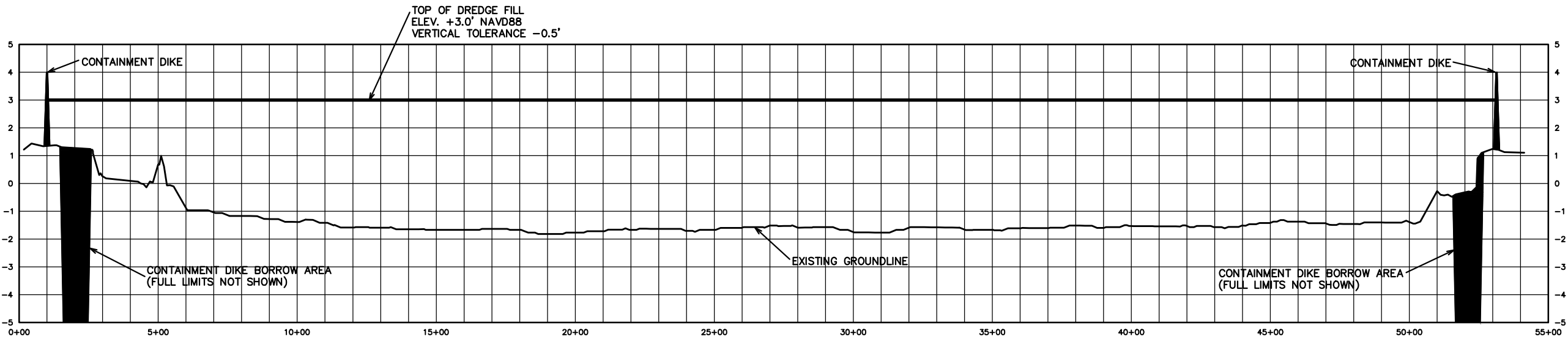


Natural Resources
Conservation Service

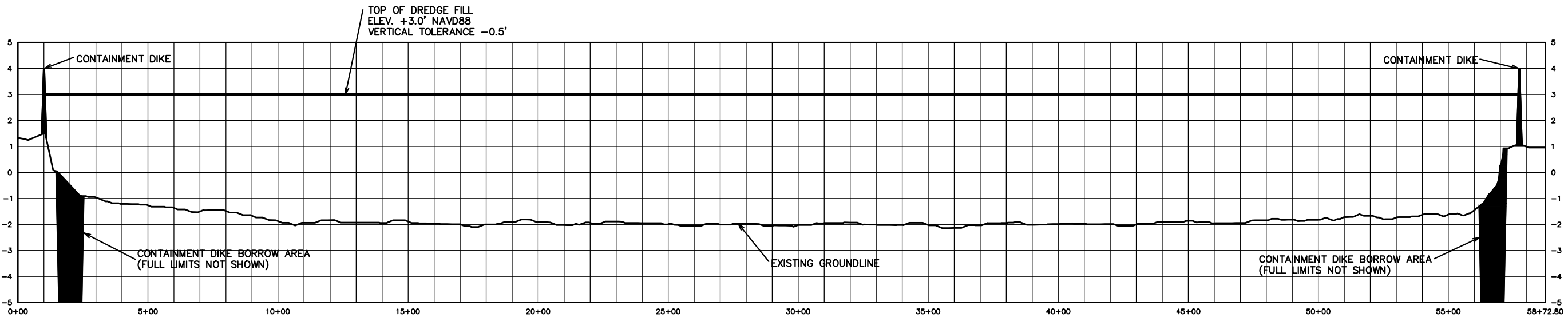
FILE NAME
LA-380
DRAWING NAME
LA-380-11
SHEET 11 of 25



SECTION NO. 1 – MARSH CREATION AREA – NORTH TO SOUTH



SECTION NO. 2 – MARSH CREATION AREA – NORTH TO SOUTH



SECTION NO. 3 – MARSH CREATION AREA – NORTH TO SOUTH

NOTICE:
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TO LOCATE UTILITY LINES

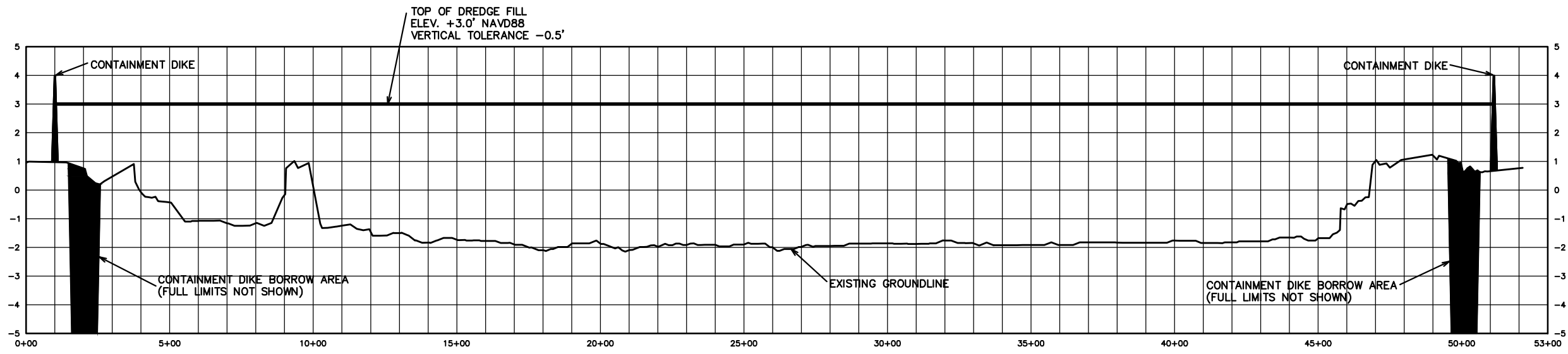
DATE	09/17
DESIGNED	N. McCOY
DRAWN	A. GREMILLION
CHECKED	B. SAMSON
APPROVED	

MARSH CREATION SECTIONS
SECTIONS NO.1, NO.2 & NO.3
PO-75 LaBRANCHE EAST MARSH CREATION
ST CHARLES PARISH, LOUISIANA

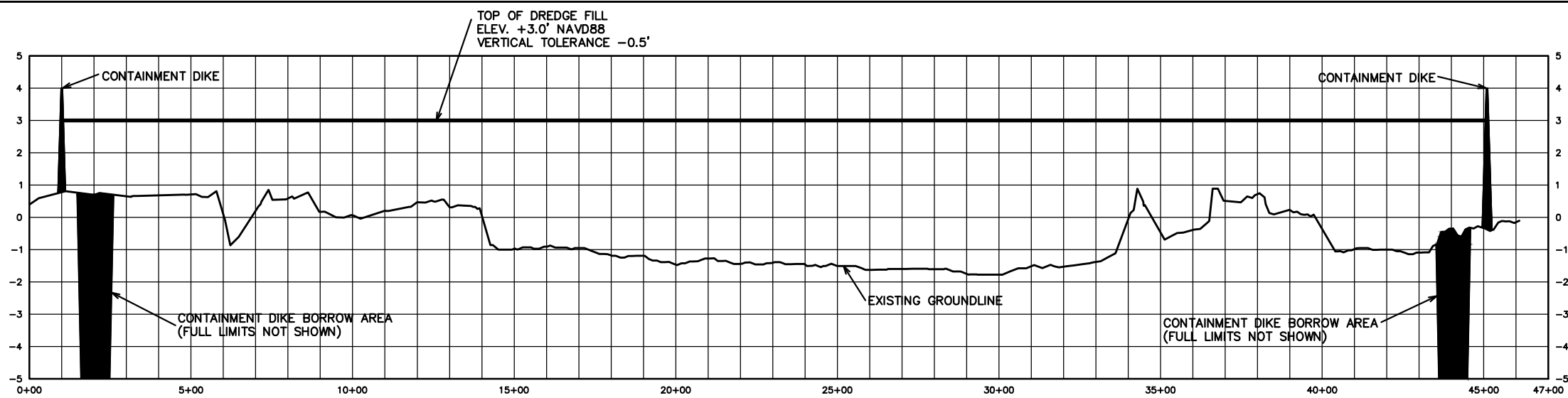


FILE NAME	LA-380
DRAWING NAME	LA-380-12
SHEET 12 of 25	

REVISIONS			
NO.	DATE	APPROVED	TITLE
M1	XX/XX/09	INITIALS	XXX

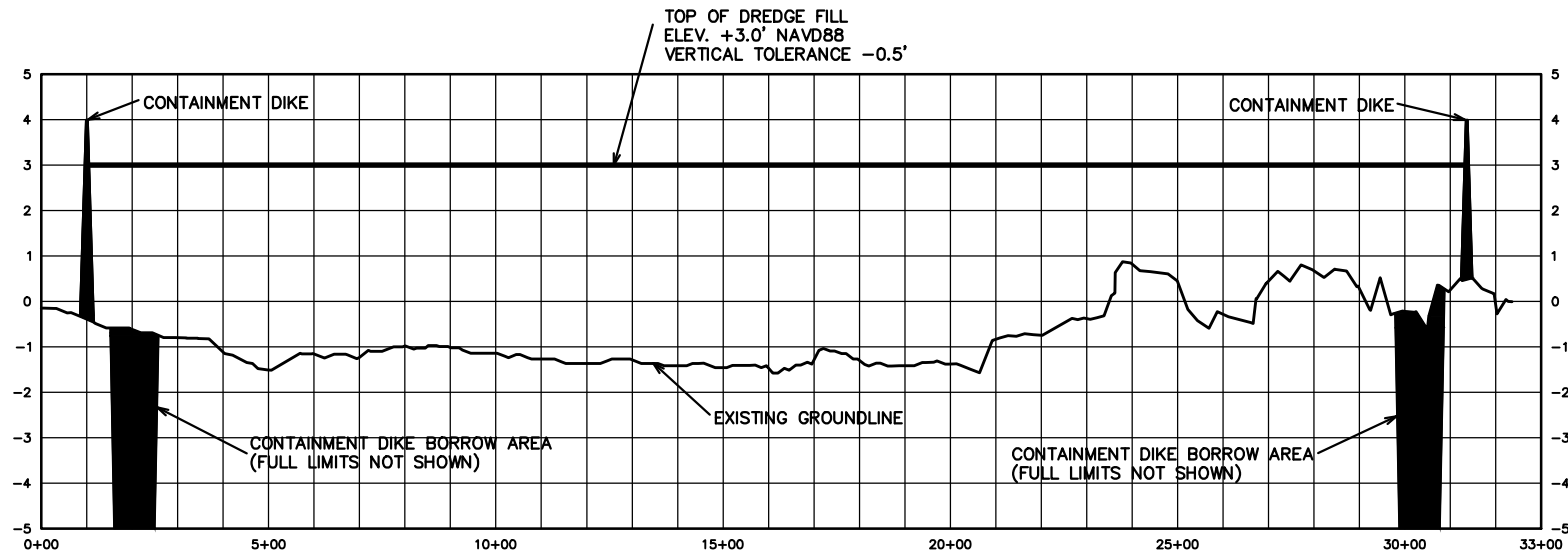


SECTION NO. 4 – MARSH CREATION AREA – NORTH TO SOUTH



SECTION NO. 5 – MARSH CREATION AREA – NORTH TO SOUTH

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



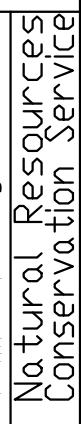
SECTION NO. 6 – MARSH CREATION AREA – NORTH TO SOUTH

DESIGNED	N. McCOY	DATE	09/17
DRAWN	A. GREMILLION		10/17
CHECKED	B. SAMSON		10/17
APPROVED			

MARSH CREATION SECTIONS
SECTIONS NO.4, NO.5 & NO.6
PO-75 LaBRANCHE EAST MARSH CREATION
ST CHARLES PARISH, LOUISIANA



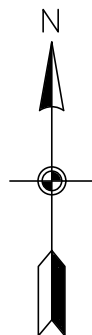
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Conservation Service

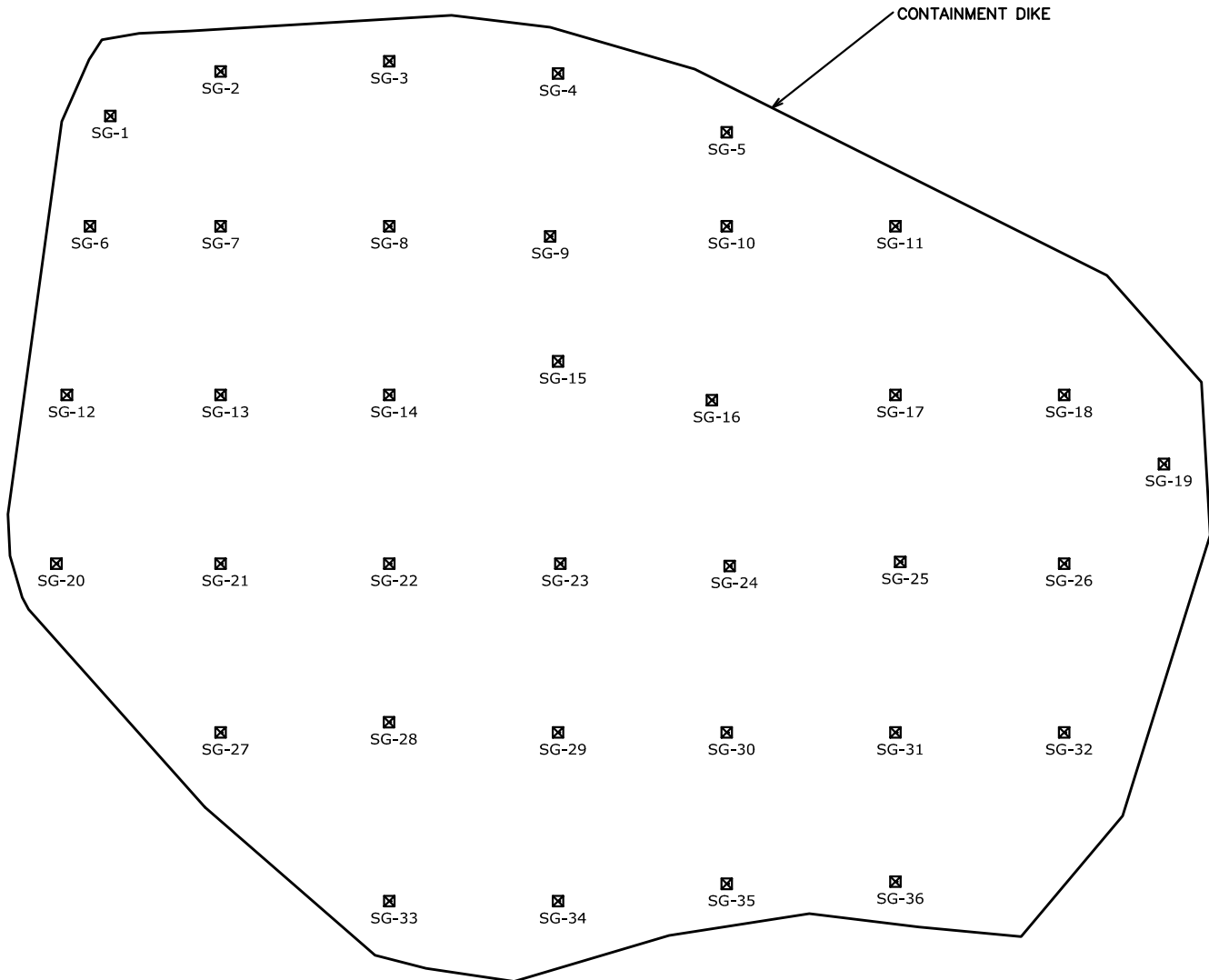
FILE NAME	LA-380
DRAWING NAME	LA-380-13
SHEET 13 of 25	

REVISIONS			
NO.	DATE	APPROVED	TITLE
M1	XX/XX/09	INITIALS	XXX



STAFF GAUGE
COORDINATES

PT	NORTHING	EASTING
1	565420.7	3593863.6
2	565684.6	3594517.7
3	565744.8	3595517.7
4	565671.8	3596517.7
5	565323.4	3597517.7
6	564766.6	3593743.2
7	564766.6	3594517.7
8	564766.6	3595517.7
9	564707.2	3596471.3
10	564766.6	3597517.7
11	564766.6	3598517.7
12	563766.6	3593606.3
13	563766.6	3594517.7
14	563766.6	3595517.7
15	563966.3	3596517.7
16	563736.5	3597429.5
17	563766.6	3598517.7
18	563766.6	3599517.7
19	563357.7	3600108.8
20	562766.6	3593544.3
21	562766.6	3594517.7
22	562766.6	3595517.7
23	562766.6	3596531.0
24	562754.0	3597534.1
25	562778.1	3598546.0
26	562766.6	3599517.7
27	561766.6	3594517.7
28	561827.5	3595515.2
29	561766.6	3596517.7
30	561766.6	3597517.7
31	561766.6	3598517.7
32	561766.6	3599517.7
33	560766.6	3595517.7
34	560766.6	3596517.7
35	560869.9	3597517.7
36	560882.7	3598517.7

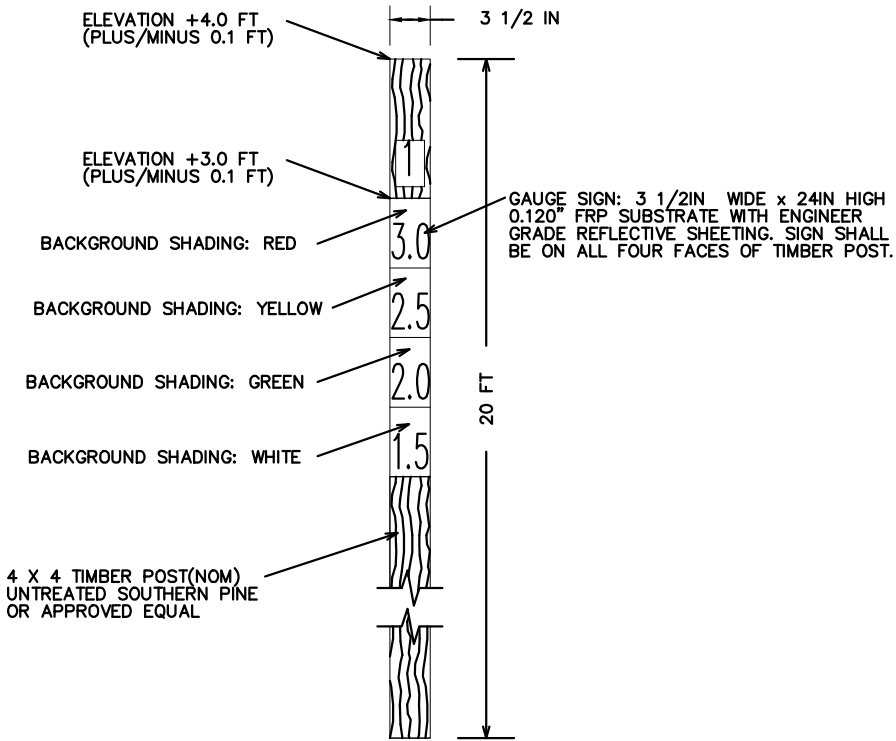


LEGEND

CONTAINMENT DIKE — 

STAFF GAUGES —  SG-11

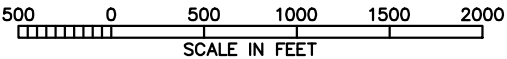
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ELEVATION VIEW – STAFF GAUGE
NOT TO SCALE

- NOTES:
- STAFF GAUGES SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. CONTRACTOR MAY SUBMIT AN ALTERNATE PLAN FOR STAFF GAUGE LOCATIONS FOR NRCS APPROVAL IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
 - COORDINATES SHOWN ARE LOUISIANA SOUTH ZONE, NORTH AMERICAN DATUM OF 1983. VERTICAL DATUM FOR ELEVATIONS SHOWN IS NAVD88 (GEIOD 03), IN U.S. SURVEY FEET.

PO-75 MARSH CREATION AREA
PROPOSED STAFF GAUGE LOCATIONS



DESIGNED	N. McCOY	DATE	09/17
DRAWN	A. GREMILLION		10/17
CHECKED	B. SAMSON		10/17
APPROVED			

PLAN MAP
PO-75 LaBRANCHE EAST MARSH CREATION
STAFF GAUGE PLAN MAP AND DETAILS
ST. CHARLES PARISH, LOUISIANA

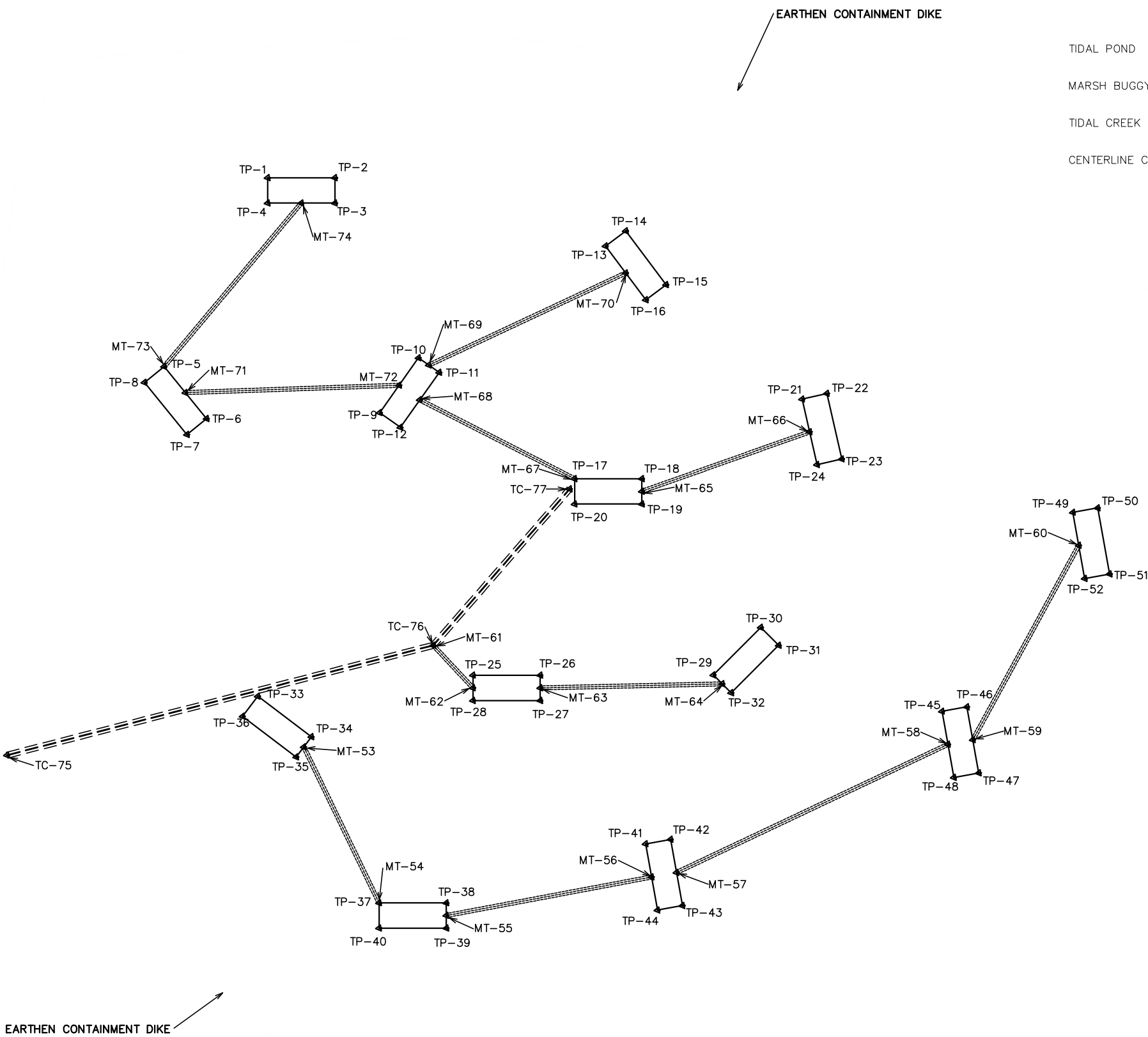
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FILE NAME	LA-380
DRAWING NAME	LA-380-14
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REVISIONS			
NO.	DATE	APPROVED	TITLE
01	XX/XX/09	INITIALS	XXX

TIDAL PONDS, TIDAL CREEK & MARSH BUGGY TRACKS COORDINATES		
POINT	NORTHING	EASTING
TP-1	565289.68	3594835.59
TP-2	565289.68	3595175.59
TP-3	565161.68	3595175.59
TP-4	565161.68	3594835.59
TP-5	564334.56	3594311.95
TP-6	564070.80	3594526.50
TP-7	563990.03	3594427.20
TP-8	564253.79	3594212.65
TP-9	564100.78	3595402.25
TP-10	564378.56	3595598.29
TP-11	564304.76	3595702.87
TP-12	564026.97	3595506.83
TP-13	564944.02	3596544.44
TP-14	565020.71	3596646.92
TP-15	564748.50	3596850.64
TP-16	564671.80	3596748.16
TP-17	563766.81	3596387.73
TP-18	563766.81	3596727.73
TP-19	563638.81	3596727.73
TP-20	563638.81	3596387.73
TP-21	564169.76	3597538.49
TP-22	564198.16	3597663.30
TP-23	563866.64	3597738.75
TP-24	563838.24	3597613.94
TP-25	562772.56	3595873.70
TP-26	562772.56	3596213.70
TP-27	562644.56	3596213.70
TP-28	562644.56	3595873.70
TP-29	562774.06	3597089.17
TP-30	563014.55	3597329.50
TP-31	562924.07	3597420.04
TP-32	562683.58	3597179.70
TP-33	562666.37	3594785.82
TP-34	562460.98	3595056.77
TP-35	562358.97	3594979.44
TP-36	562564.37	3594708.49
TP-37	561620.77	3595398.80
TP-38	561620.77	3595738.80
TP-39	561492.77	3595738.80
TP-40	561492.77	3595398.80
TP-41	561919.13	3596746.86
TP-42	561941.76	3596872.84
TP-43	561607.12	3596932.96
TP-44	561584.48	3596806.98
TP-45	562590.16	3598245.66
TP-46	562612.80	3598371.64
TP-47	562278.16	3598431.76
TP-48	562255.52	3598305.78
TP-49	563596.72	3598907.32
TP-50	563619.35	3599033.31
TP-51	563284.71	3599093.43
TP-52	563262.07	3598967.45
MT-53	562409.98	3595018.10
MT-54	561620.77	3595398.80
MT-55	561556.77	3595738.80
MT-56	561751.81	3596776.92
MT-57	561774.44	3596902.90
MT-58	562422.84	3598275.72
MT-59	562445.48	3598401.70
MT-60	563429.40	3598937.39
MT-61	562923.88	3595672.57
MT-62	562708.56	3595873.70
MT-63	562708.56	3596213.70
MT-64	562728.82	3597134.43
MT-65	563702.81	3596727.73
MT-66	564004.00	3597576.22
MT-67	563766.81	3596387.73
MT-68	564165.87	3595604.85
MT-69	564341.66	3595650.58
MT-70	564807.91	3596646.30
MT-71	564202.68	3594419.22
MT-72	564239.67	3595500.27
MT-73	564334.56	3594311.95
MT-74	565161.68	3595005.59
TC-75	562368.08	3593517.43
TC-76	562923.88	3595672.57
TC-77	563715.15	3596362.62



LEGEND

- TIDAL POND
- MARSH BUGGY TRACK
- TIDAL CREEK
- CENTERLINE CONTAINMENT DIKE
- TP = TIDAL POND
TC = TIDAL CREEK
MT = MARSH BUGGY TRACK

PLAN MAP – TIDAL PONDS, CREEK & TRACKS
PO-75 LABRANCH MARSH CREATION



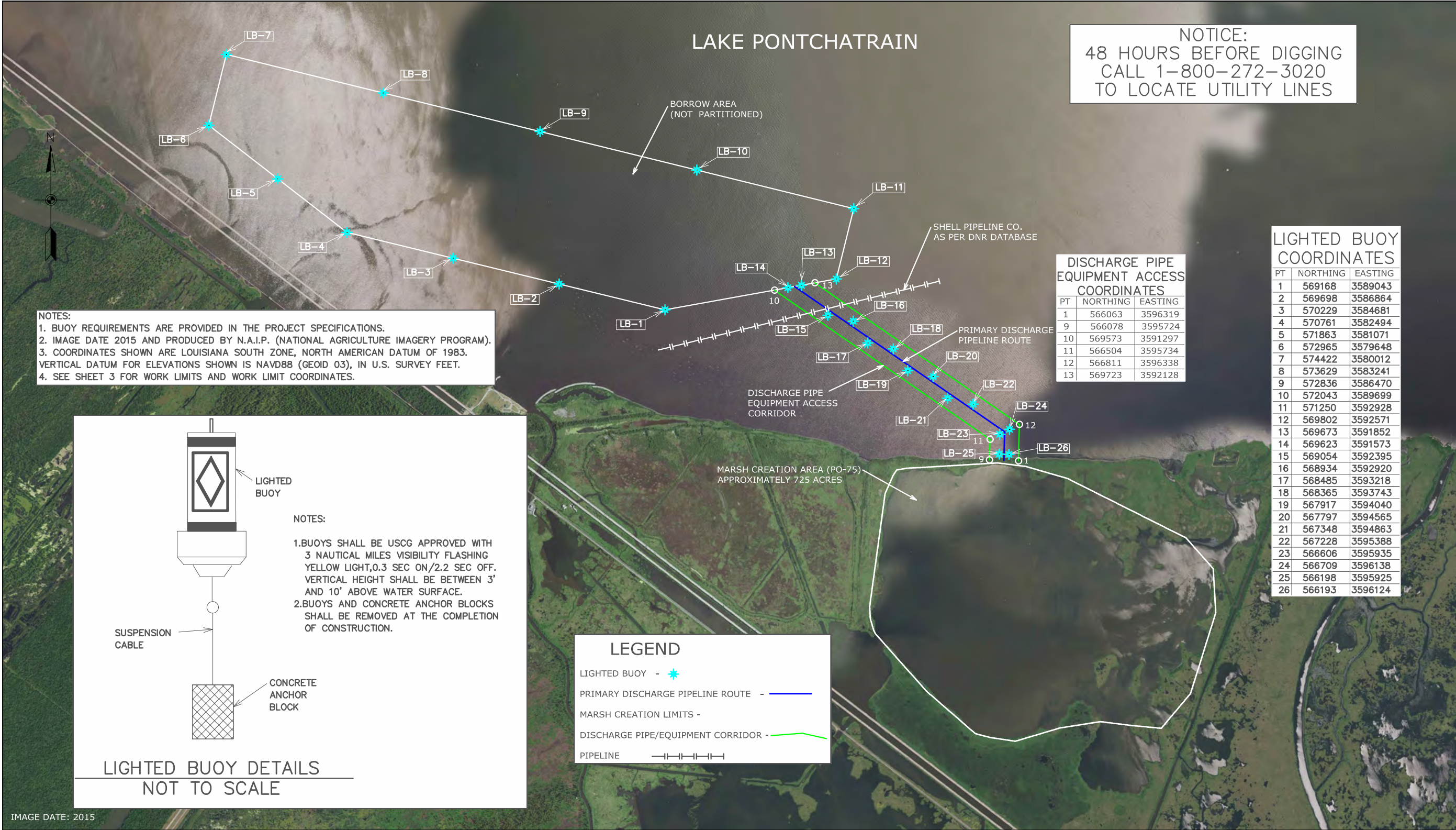
REVISIONS			
NO.	DATE	APPROVED	TITLE
MT	XX/XX/09	INITIALS	XXX

DATE	09/17
DESIGNED	N. McCOY
DRAWN	A. GREMILLION
CHECKED	B. SAMSON
APPROVED	

PLAN MAP-TIDAL PONDS AND TIDAL CREEK
PO-75 LaBRANCHE EAST MARSH CREATION
MARSH CREATION AREA
ST. CHARLES PARISH, LOUISIANA

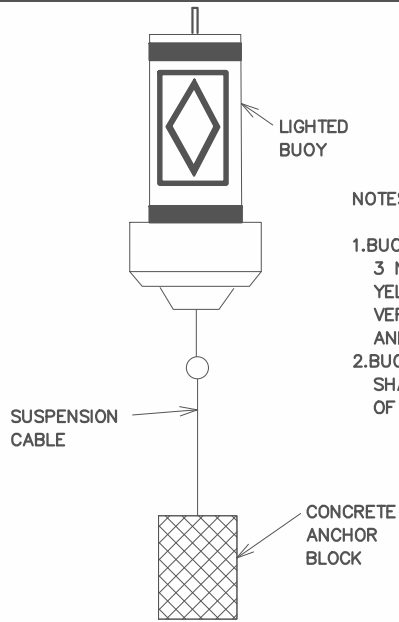


FILE NAME	LA-380
DRAWING NAME	LA-380-15
SHEET	15 of 25



NOTES:

1. BUOY REQUIREMENTS ARE PROVIDED IN THE PROJECT SPECIFICATIONS.
2. IMAGE DATE 2015 AND PRODUCED BY N.A.I.P. (NATIONAL AGRICULTURE IMAGERY PROGRAM).
3. COORDINATES SHOWN ARE LOUISIANA SOUTH ZONE, NORTH AMERICAN DATUM OF 1983. VERTICAL DATUM FOR ELEVATIONS SHOWN IS NAVD88 (GEOID 03), IN U.S. SURVEY FEET.
4. SEE SHEET 3 FOR WORK LIMITS AND WORK LIMIT COORDINATES.



NOTES:

1. BUOYS SHALL BE USCG APPROVED WITH 3 NAUTICAL MILES VISIBILITY FLASHING YELLOW LIGHT, 0.3 SEC ON/2.2 SEC OFF. VERTICAL HEIGHT SHALL BE BETWEEN 3' AND 10' ABOVE WATER SURFACE.
2. BUOYS AND CONCRETE ANCHOR BLOCKS SHALL BE REMOVED AT THE COMPLETION OF CONSTRUCTION.

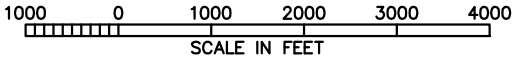
LIGHTED BUOY DETAILS
NOT TO SCALE

LEGEND	
LIGHTED BUOY	- *
PRIMARY DISCHARGE PIPELINE ROUTE	- —
MARSH CREATION LIMITS	- —
DISCHARGE PIPE/EQUIPMENT CORRIDOR	- —
PIPELINE	- —

DISCHARGE PIPE EQUIPMENT ACCESS COORDINATES		
PT	NORTHING	EASTING
1	566063	3596319
9	566078	3595724
10	569573	3591297
11	566504	3595734
12	566811	3596338
13	569723	3592128

LIGHTED BUOY COORDINATES		
PT	NORTHING	EASTING
1	569168	3589043
2	569698	3586864
3	570229	3584681
4	570761	3582494
5	571863	3581071
6	572965	3579648
7	574422	3580012
8	573629	3583241
9	572836	3586470
10	572043	3589699
11	571250	3592928
12	569802	3592571
13	569673	3591852
14	569623	3591573
15	569054	3592395
16	568934	3592920
17	568485	3593218
18	568365	3593743
19	567917	3594040
20	567797	3594565
21	567348	3594863
22	567228	3595388
23	566606	3595935
24	566709	3596138
25	566198	3595925
26	566193	3596124

PLAN MAP - EAST LaBRANCHE MARSH CREATION (PO-75)
LIGHTED BUOY DETAILS



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

DESIGNED	N. McCOY	DATE	09/17
DRAWN	A. GREMILLON	DATE	10/17
CHECKED	B. SAMSON	DATE	10/17
APPROVED		DATE	

PLAN MAP
PO-75 LaBRANCHE EAST MARSH CREATION
LIGHTED BUOY DETAILS
ST. CHARLES PARISH, LOUISIANA



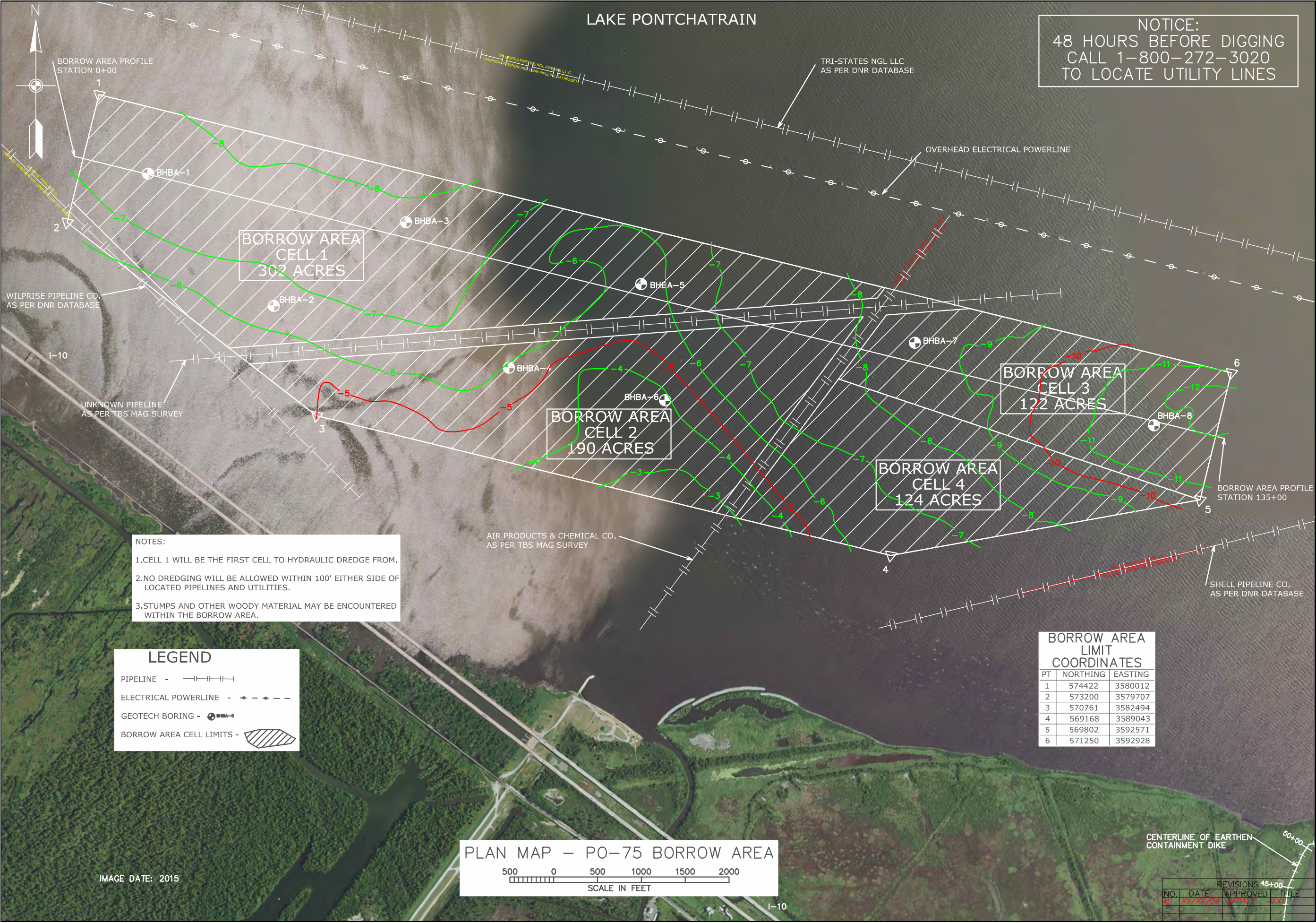
FILE NAME	LA-380
DRAWING NAME	LA-380-16
SHEET	16 of 25

REVISIONS			
NO.	DATE	APPROVED	TITLE

LAKE PONTCHATRAIN

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

DESIGNED	N. McCOY	DATE	09/17
DRAWN	A. GREMILLION		10/17
CHECKED	B. SAMSON		10/17
APPROVED			



- NOTES:
- 1.CELL 1 WILL BE THE FIRST CELL TO HYDRAULIC DREDGE FROM.
 - 2.NO DREDGING WILL BE ALLOWED WITHIN 100' EITHER SIDE OF LOCATED PIPELINES AND UTILITIES.
 - 3.STUMPS AND OTHER WOODY MATERIAL MAY BE ENCOUNTERED WITHIN THE BORROW AREA.

LEGEND

PIPELINE -

ELECTRICAL POWERLINE -

GEOTECH BORING -

BORROW AREA CELL LIMITS -

BORROW AREA LIMIT COORDINATES		
PT	NORTHING	EASTING
1	574422	3580012
2	573200	3579707
3	570761	3582494
4	569168	3589043
5	569802	3592571
6	571250	3592928

PLAN MAP - PO-75 BORROW AREA

500 0 500 1000 1500 2000

SCALE IN FEET

IMAGE DATE: 2015

PLAN MAP - MARSH CREATION AREA
PO-75 LaBRANCHE EAST MARSH CREATION
MCA - CELL 1
ST. CHARLES PARISH, LOUISIANA

United States
Department of
Agriculture

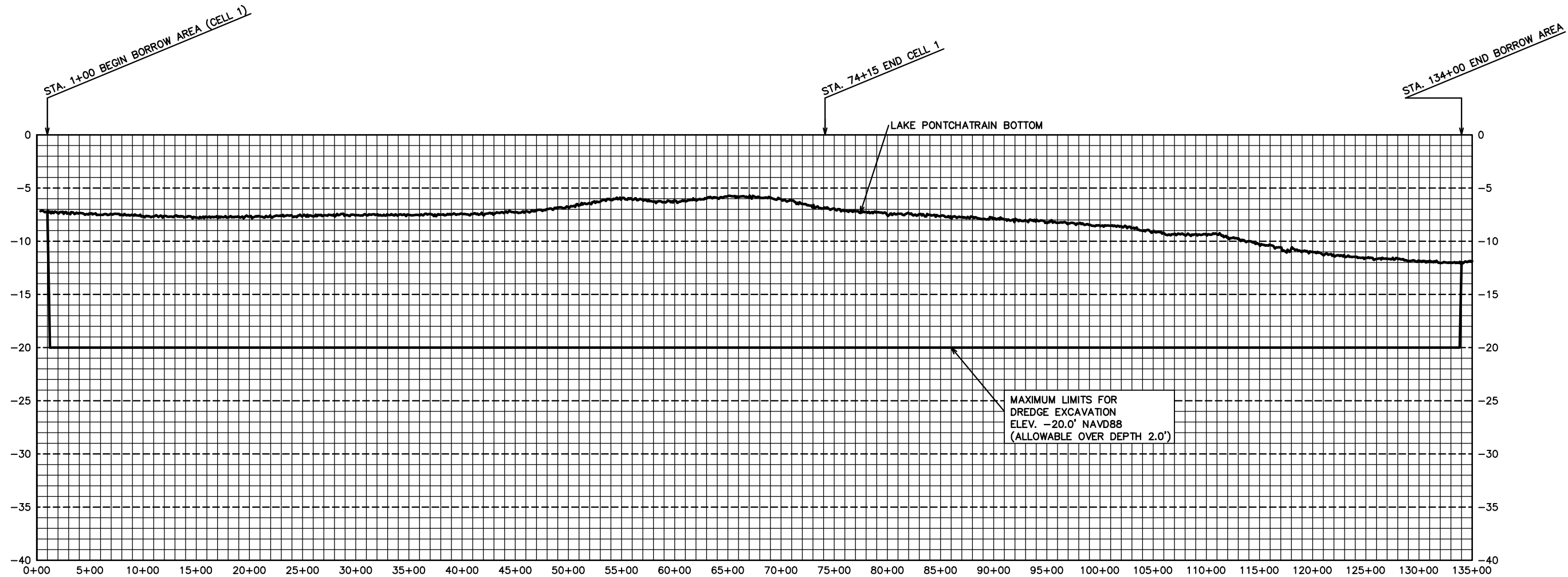
USDA

Natural Resources

FILE NAME	LA-380
DRAWING NAME	LA-380-17
SHEET 17 of 25	

REVISIONS			
NO.	DATE	APPROVED	TITLE
01	XX/XX/09	WTA/S	XXX

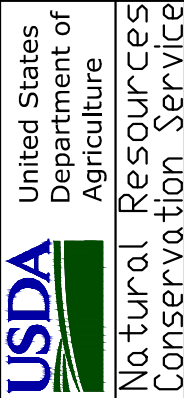
NOTICE:
48 HOURS BEFORE DIGGING
CALL 1-800-272-3020
TO LOCATE UTILITY LINES



BORROW AREA PROFILE - STA. 0+00 to STA. 135+00

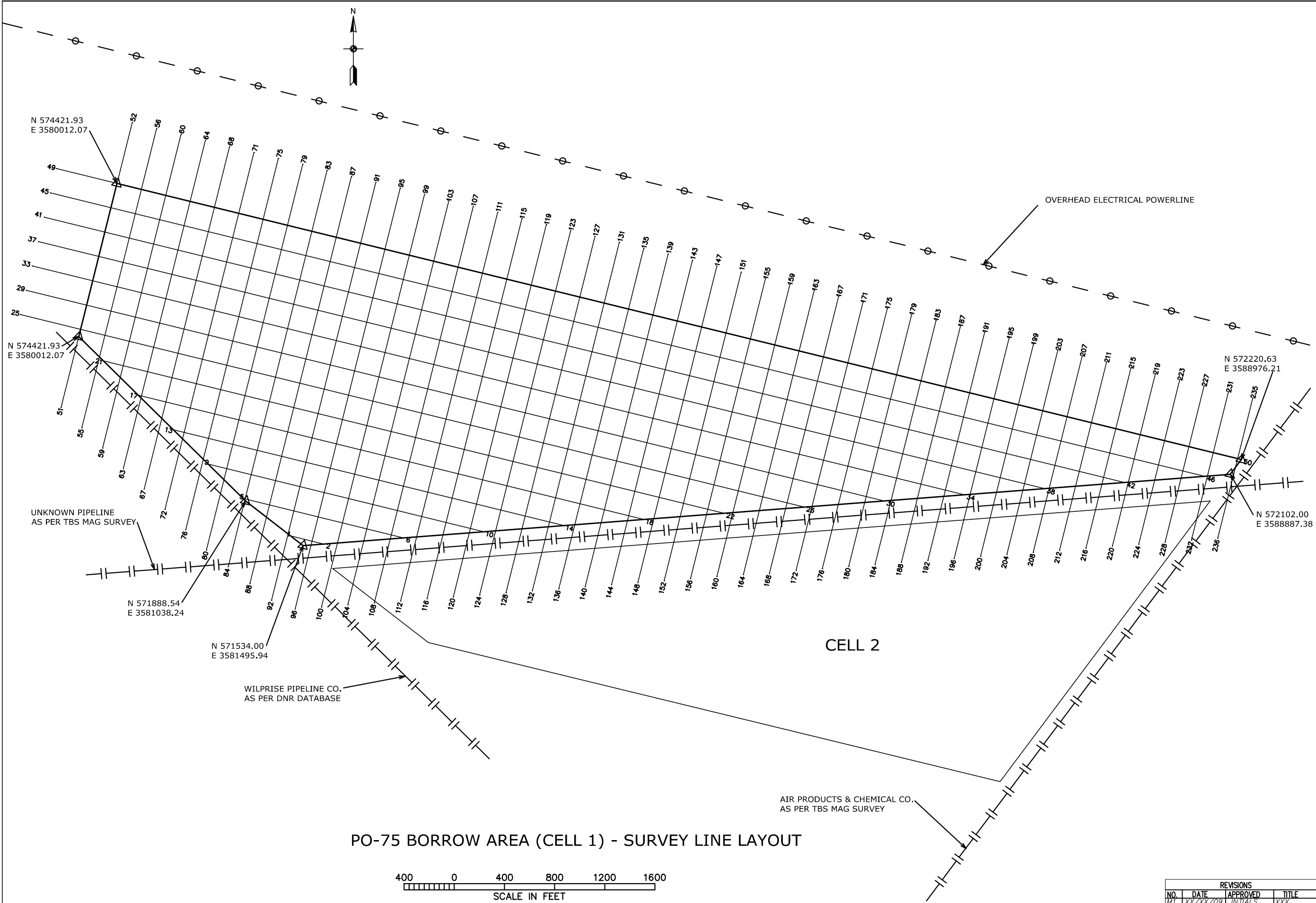
DESIGNED	N. McCOY	DATE	09/17
DRAWN	A. GREMILLION		10/17
CHECKED	B. SAMSON		10/17
APPROVED			

PLAN MAP - MARSH CREATION AREA
PO-75 LaBRANCHE EAST MARSH CREATION
MCA - CELL 1
ST. CHARLES PARISH, LOUISIANA



FILE NAME	LA-380
DRAWING NAME	LA-380-18
SHEET 18 of 25	

REVISIONS			
NO.	DATE	APPROVED	TITLE
M1	XX/XX/09	INITIALS	XXX



PO-75 BORROW AREA (CELL 1) - SURVEY LINE LAYOUT

DESIGNED	N. McCOY	DATE	09/17
DRAWN	A. GREMILLION		09/17
CHECKED	B. SAMSON		10/17
APPROVED			

PLAN MAP – BORROW AREA SURVEY LINES
PO-75 LaBRANCHE EAST MARSH CREATION
BORROW AREA CELL 1
ST. CHARLES PARISH, LOUISIANA



United States
Department of
Agriculture

Natural Resources
Conservation Service

FILE NAME	LA-380
DRAWING NAME	LA-380-19
SHEET 19 of 25	

REVISIONS			
NO.	DATE	APPROVED	TITLE
01	XX/XX/09	INITIALS	XXX

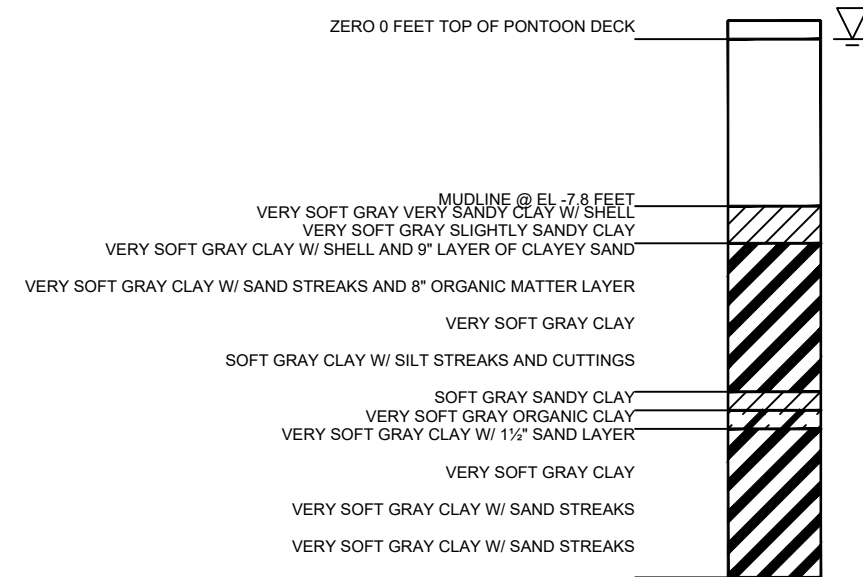
BORROW AREA (CELL 1) – SURVEY LINE COORDINATES

PT.	NORTHING	EASTING
1	571610.48	3581397.21
2	571546.45	3581657.95
5	571909.90	3581016.56
6	571595.54	3582296.70
9	572184.19	3580738.22
10	571644.62	3582935.45
13	572458.48	3580459.88
14	571693.71	3583574.20
17	572732.78	3580181.54
18	571742.79	3584212.95
21	573007.07	3579903.20
22	571791.88	3584851.70
25	573375.79	3579240.32
26	571840.97	3585490.45
29	573570.02	3579288.01
30	571890.05	3586129.20
33	573764.25	3579335.71
34	571939.14	3586767.95
37	573958.48	3579383.41
38	571988.22	3587406.70
41	574152.71	3579431.10
42	572037.31	3588045.45
45	574346.94	3579478.80
46	572086.39	3588684.20
49	574541.17	3579526.50
50	572220.63	3588976.21
51	572636.88	3579566.51
52	574907.05	3580133.16
55	572473.85	3579731.95
56	574859.35	3580327.39
59	572310.81	3579897.39
60	574811.66	3580521.62
63	572147.77	3580062.83
64	574763.96	3580715.85
67	571984.74	3580228.28
68	574716.26	3580910.08
71	574668.57	3581104.31
72	571821.70	3580393.72
75	574620.87	3581298.54
76	571658.67	3580559.16
79	574573.17	3581492.77
80	571498.48	3580725.31
83	574525.48	3581687.01
84	571364.67	3580898.05
87	574477.78	3581881.24
88	571230.87	3581070.79
91	574430.08	3582075.47
92	571097.07	3581243.52
95	574382.39	3582269.70
96	571027.64	3581432.33
99	574334.69	3582463.93
100	571043.79	3581642.50
103	574286.99	3582658.16
104	571059.94	3581852.67
107	574239.30	3582852.39
108	571076.09	3582062.83
111	574191.60	3583046.62
112	571092.24	3582273.00
115	574143.90	3583240.85
116	571108.39	3582483.17

PT.	NORTHING	EASTING
119	574096.20	3583435.08
120	571124.54	3582693.34
123	574048.51	3583629.31
124	571140.69	3582903.50
127	574000.81	3583823.54
128	571156.84	3583113.67
131	573953.11	3584017.77
132	571172.99	3583323.84
135	573905.42	3584212.01
136	571189.14	3583534.01
139	573857.72	3584406.24
140	571205.30	3583744.17
143	573810.02	3584600.47
144	571221.45	3583954.34
147	573762.33	3584794.70
148	571237.60	3584164.51
151	573714.63	3584988.93
152	571253.75	3584374.68
155	573666.93	3585183.16
156	571269.90	3584584.84
159	573619.24	3585377.39
160	571286.05	3584795.01
163	573571.54	3585571.62
164	571302.20	3585005.18
167	573523.84	3585765.85
168	571310.54	3585213.40
171	573476.15	3585960.08
172	571334.50	3585425.51
175	573428.45	3586154.31
176	571350.65	3585635.68
179	573380.75	3586348.54
180	571366.80	3585845.85
183	573333.06	3586542.78
184	571382.95	3586056.02
187	573285.36	3586737.01
188	571399.10	3586266.18
191	573237.66	3586931.24
192	571415.25	3586476.35
195	573189.97	3587125.47
196	571431.40	3586686.52
199	573142.27	3587319.70
200	571447.56	3586896.69
203	573094.57	3587513.93
204	571463.71	3587106.85
207	573046.88	3587708.16
208	571479.86	3587317.02
211	572999.18	3587902.39
212	571496.01	3587527.19
215	572951.48	3588096.62
216	571512.16	3587737.36
219	572903.79	3588290.85
220	571528.31	3587947.52
223	572856.09	3588485.08
224	571544.46	3588157.69
227	572808.39	3588679.31
228	571560.61	3588367.86
231	572760.70	3588873.54
232	571576.76	3588578.03
235	572713.00	3589067.78
236	571592.91	3588788.19

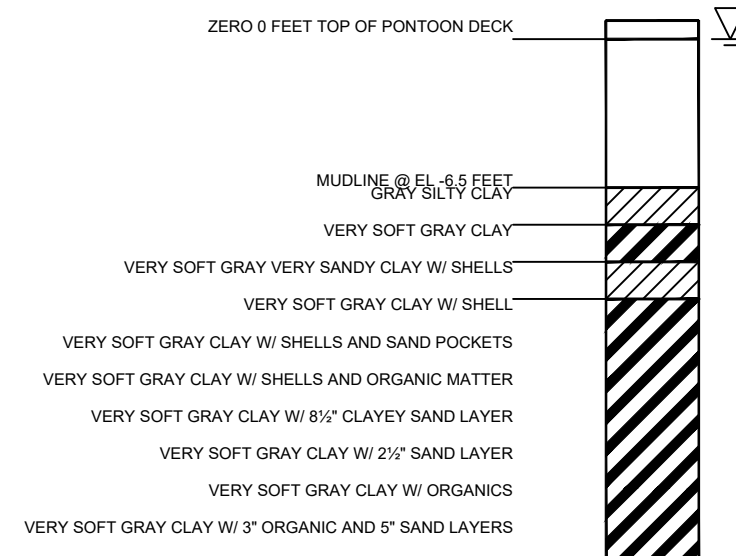
REVISIONS			
NO.	DATE	APPROVED	TITLE
M1	XX/XX/09	INITIALS	XXX

SHEET 20 of 25	DRAWING NAME LA-380-20	FILE NAME LA-380	 United States Department of Agriculture	BORROW AREA SURVEY LINE COORDINATES PO-75 LaBRANCHE EAST MARSH CREATION BORROW AREA – CELL 1 ST. CHARLES PARISH, LOUISIANA	DESIGNED	N. McCOY	09/17
					DRAWN	A. GREMILLION	09/17
			Natural Resources Conservation Service		CHECKED	B. SAMSON	10/17
					APPROVED		



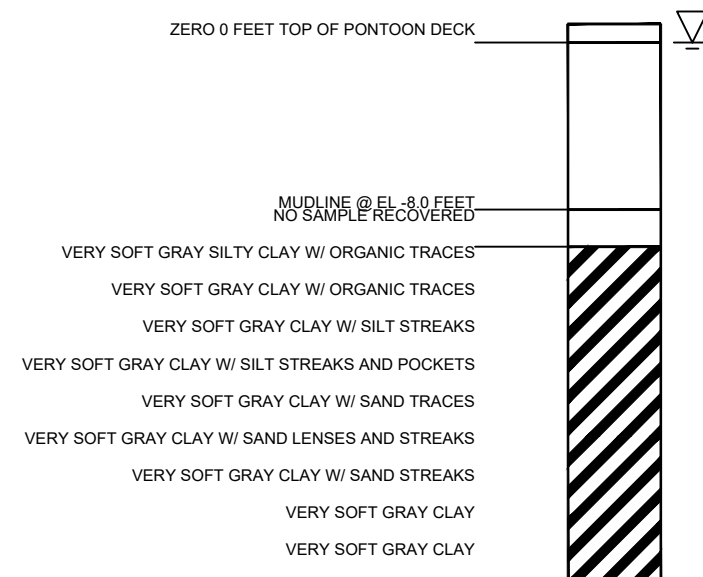
BHBA1-1088300901

LABRANCHE EAST MARSH CREATION PO-75



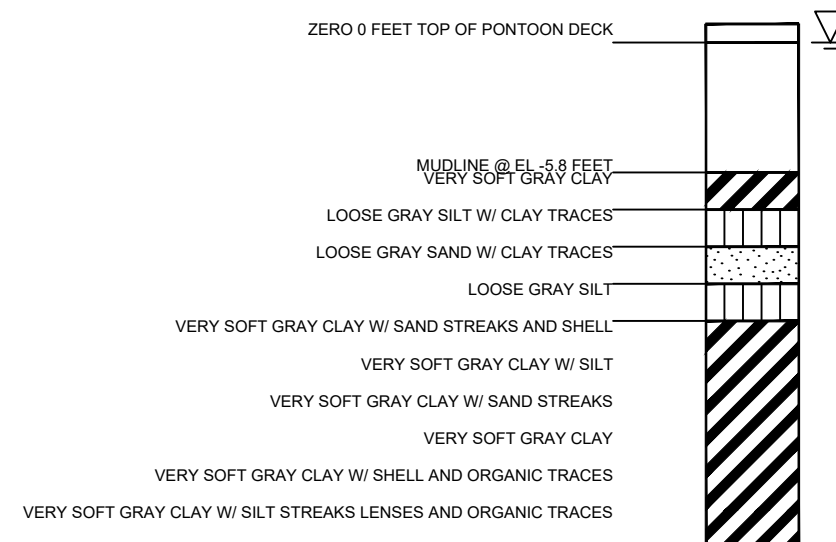
BHBA2-1088300901

LABRANCHE EAST MARSH CREATION PO-75



BHBA3-1088300901

LABRANCHE EAST MARSH CREATION PO-75



BHBA4-1088300901

LABRANCHE EAST MARSH CREATION PO-75

REVISIONS			
NO.	DATE	APPROVED	TITLE
M1	XX/XX/09	INITIALS	XXX

DESIGNED	N. McCOY	DATE	09/17
DRAWN	A. GREMILLION		10/17
CHECKED	B. SAMSON		10/17
APPROVED			

SOIL BORINGS - BORROW AREA
PO-75 LdBRANCHE EAST MARSH CREATION
BORINGS BHBA-1, BHBA-2, BHBA-3 & BHBA-4
ST. CHARLES PARISH, LOUISIANA

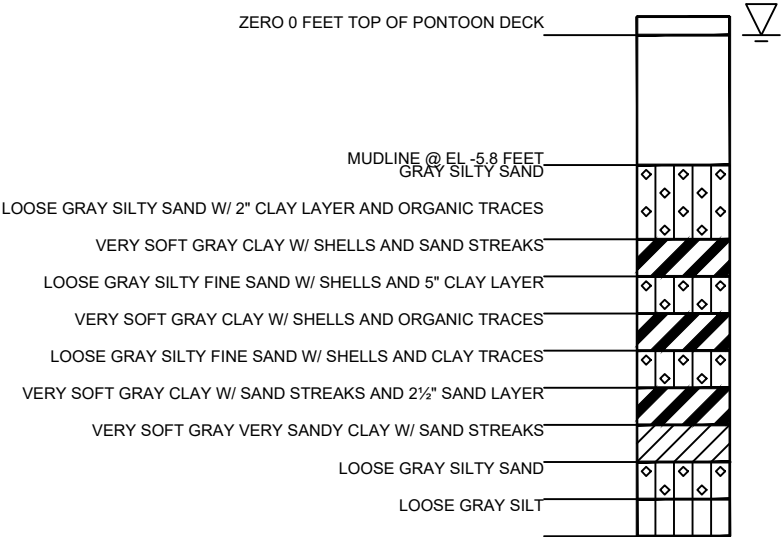


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Conservation Service

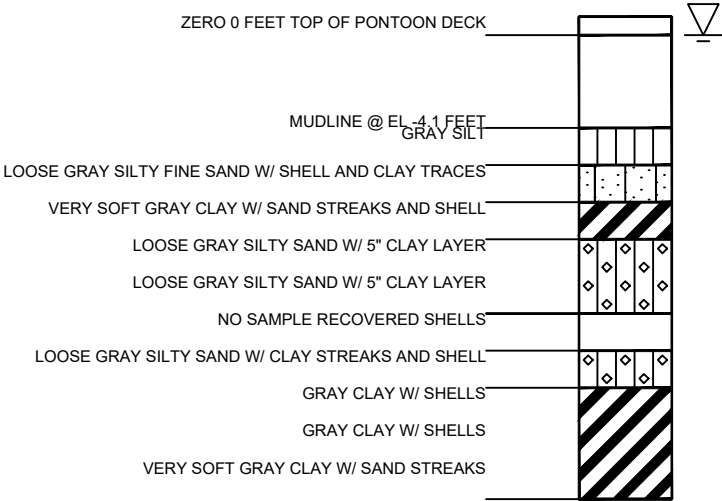
FILE NAME	LA-380
DRAWING NAME	LA-380-21

SHEET 21 of 25



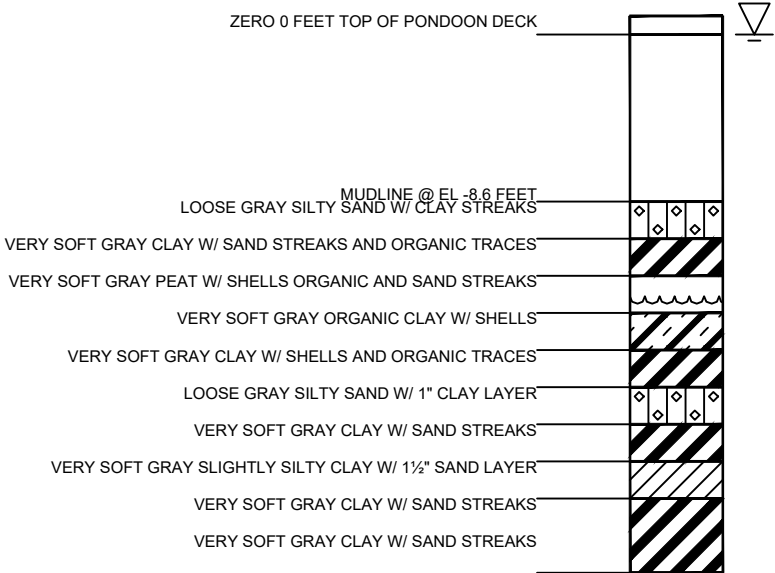
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LABRANCHE EAST MARSH CREATION PO-75



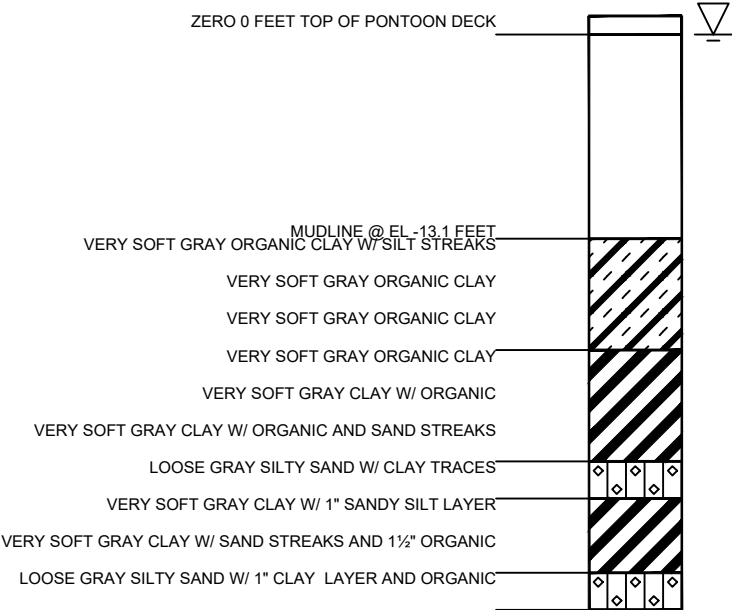
BHBA6-1088300901

LABRANCHE EAST MARSH CREATION PO-75



BHBA7-1088300901

LABRANCHE EAST MARSH CREATION PO-75



BHBA8-1088300901

LABRANCHE EAST MARSH CREATION PO-75

REVISIONS			
NO.	DATE	APPROVED	TITLE
M1	XX/XX/09	INITIALS	XXX

DESIGNED	N. McCOY	DATE	09/17
DRAWN	A. GREMILLION		10/17
CHECKED	B. SAMSON		10/17
APPROVED			

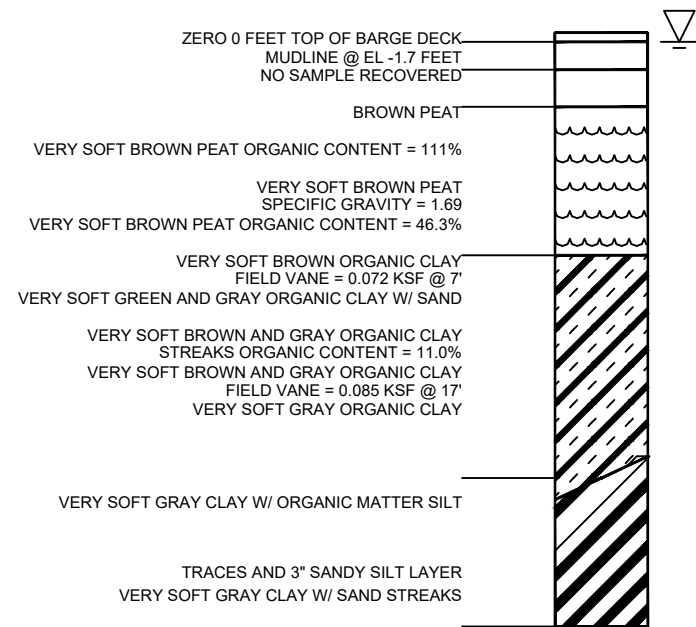
SOIL BORINGS – BORROW AREA
PO-75 LaBRANCHE EAST MARSH CREATION
BORINGS BHBA-5,BHBA-6,BHBA-7 & BHBA-8
ST. CHARLES PARISH, LOUISIANA



United States
Department of
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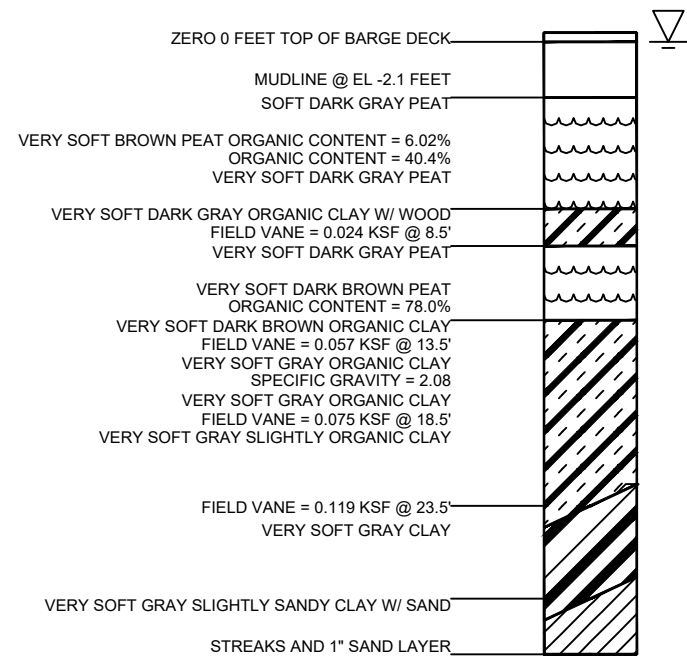
Natural Resources
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FILE NAME
LA-380
DRAWING NAME
LA-380-22



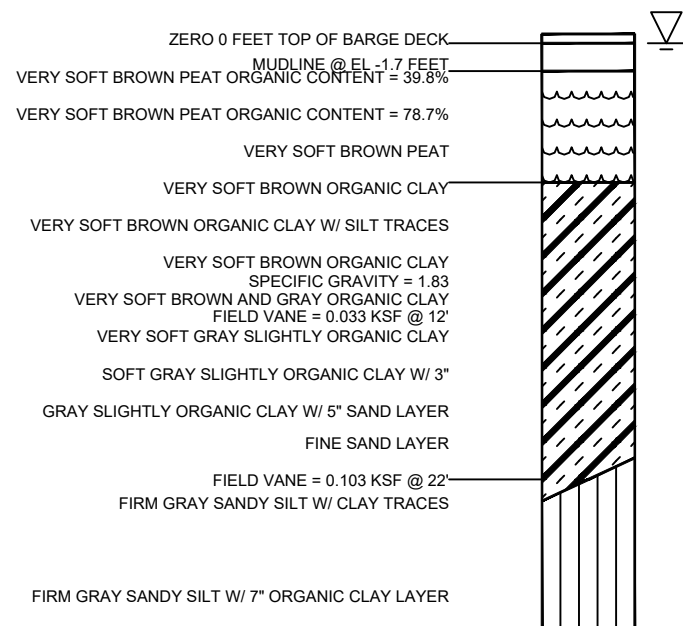
BHMC1-1088300901

LABRANCHE EAST MARSH CREATION PO-75



BHMC2-1088300901

LABRANCHE EAST MARSH CREATION PO-75



BHMC3-1088300901

LABRANCHE EAST MARSH CREATION PO-75

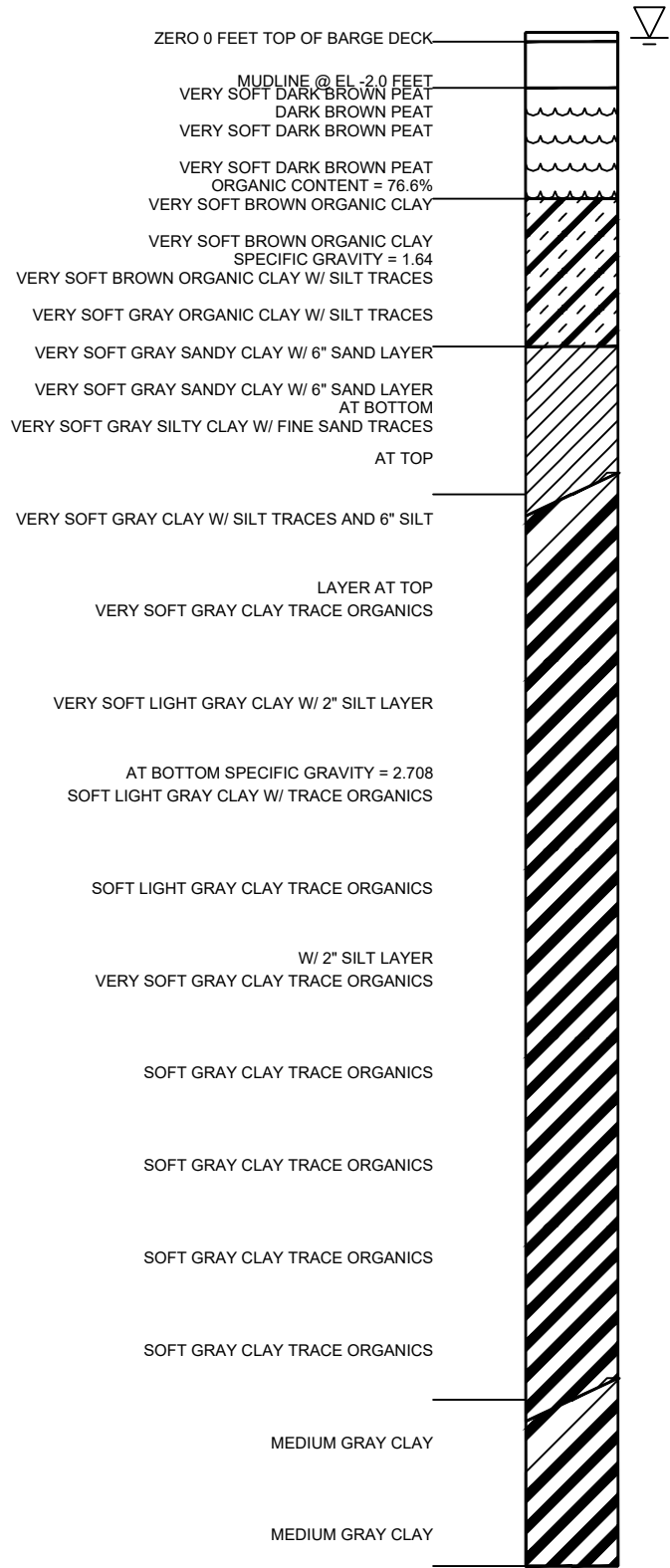
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M1	XX/XX/09	INITIALS	XXX

DESIGNED	N. McCOY	DATE	09/17
DRAWN	A. GREMILLION		10/17
CHECKED	B. SAMSON		10/17
APPROVED			

SOIL BORINGS – MARSH CREATION AREA
PO-75 LaBRANCHE EAST MARSH CREATION
BORINGS BHMC-1,BHMC-2 & BHMC-3
ST. CHARLES PARISH, LOUISIANA

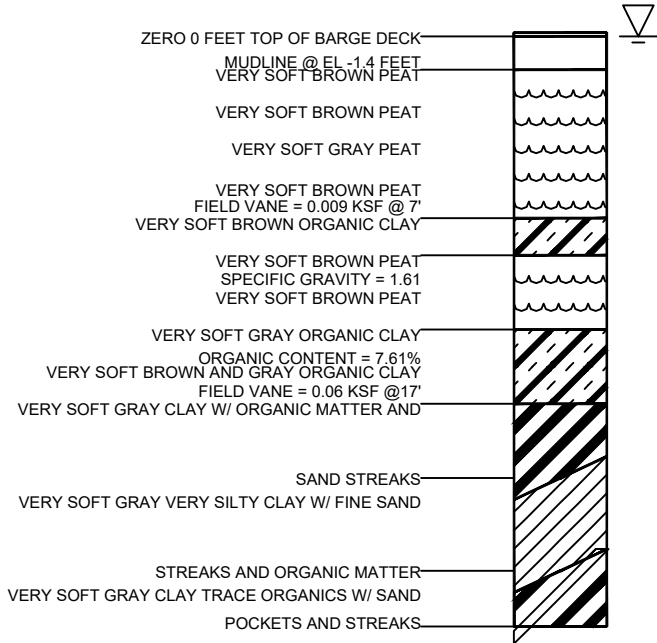


FILE NAME	LA-380
DRAWING NAME	LA-380-23
SHEET 23 of 25	



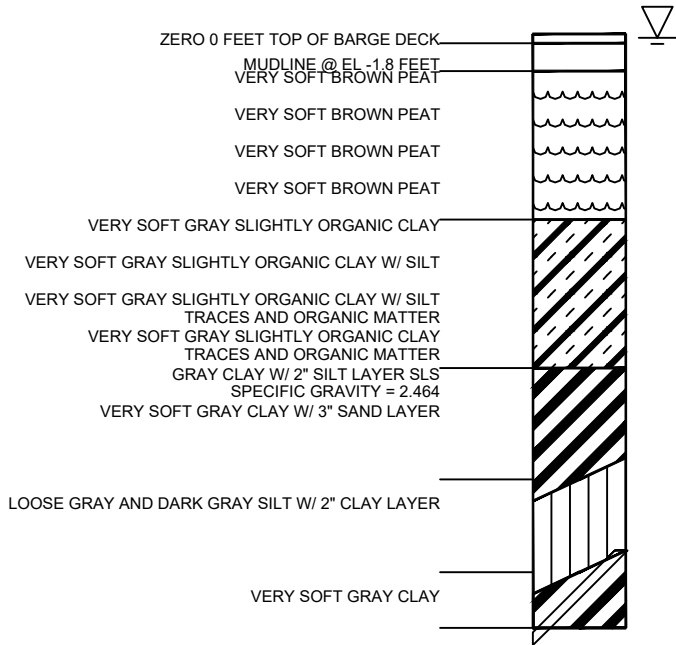
BHMC4-1088300901

LABRANCHE EAST MARSH CREATION PO-75



BHMC5-1088300901

LABRANCHE EAST MARSH CREATION PO-75



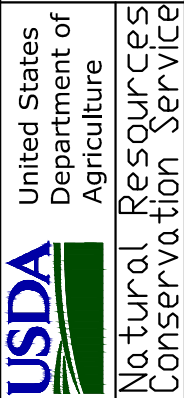
BHMC6-1088300901

LABRANCHE EAST MARSH CREATION PO-75

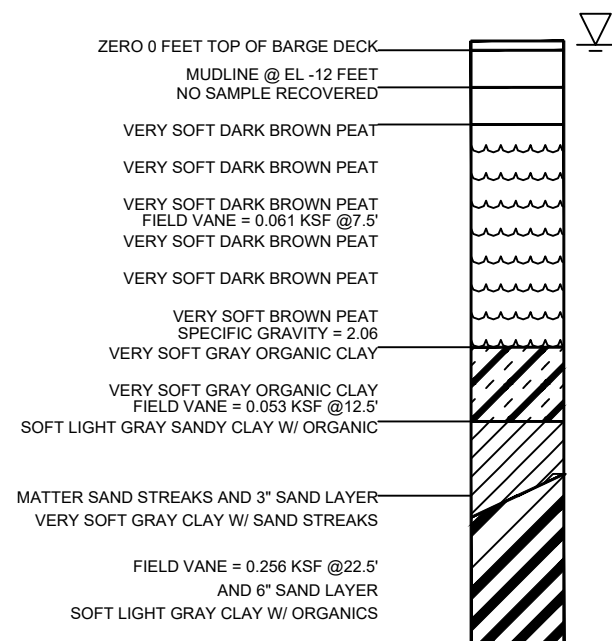
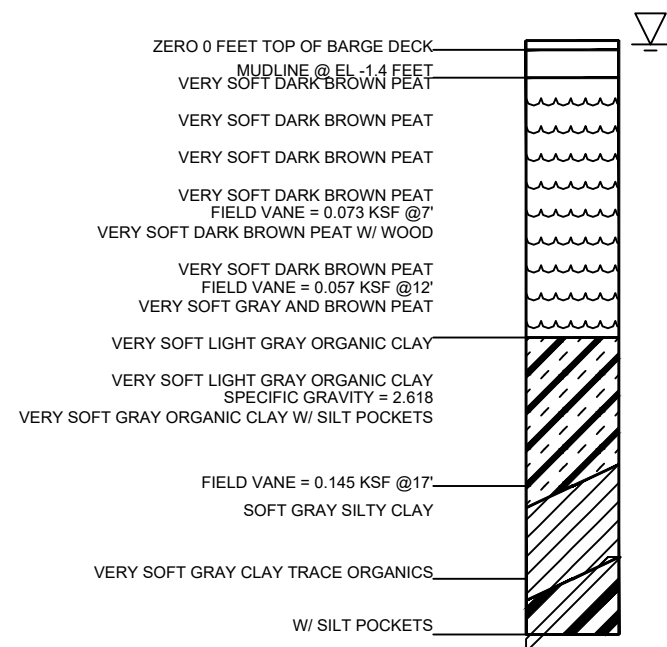
REVISIONS			
NO.	DATE	APPROVED	TITLE
M1	XX/XX/09	INITIALS	XXX

DESIGNED	N. McCOY	DATE	09/17
DRAWN	A. GREMILLION	DATE	10/17
CHECKED	B. SAMSON	DATE	10/17
APPROVED			

SOIL BORINGS – MARSH CREATION AREA
PO-75 LaBRANCHE EAST MARSH CREATION
BORINGS BHMC-4,BHMC-5 & BHMC-6
ST. CHARLES PARISH, LOUISIANA



FILE NAME	LA-380
DRAWING NAME	LA-380-24
SHEET 24 of 25	



SOIL CLASSIFICATION CHART						
MAJOR DIVISIONS			SYMBOLS		TYPICAL DESCRIPTIONS	
			GRAPH	LETTER		
COARSE GRAINED SOILS	GRAVEL AND GRAVELLY SOILS	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES	
		GRAVELS WITH FINES (APPROXIMATE AMOUNT OF FINES)		GP	POORLY-GRADED GRAVELS, GRAVEL-SAND MIXTURES	
	MORE THAN 50% RETAINED ON NO. 200 SIEVE		SAND AND SANDY SOILS	CLEAN SANDS (LITTLE OR NO FINES)		GM
					GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
		SANDS WITH FINES (APPROXIMATE AMOUNT OF FINES)			SW	WELL-GRADED SANDS, GRAVELLY SANDS
					SP	POORLY-GRADED SANDS, GRAVELLY SAND
					SM	SILTY SANDS, SAND-SILT MIXTURES
					SC	CLAYEY SANDS, SAND-CLAY MIXTURES
FINE GRAINED SOILS	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50		ML	INORGANIC SILTS, ROCK FLOUR, CLAYEY SILTS WITH SLIGHT PLASTICITY	
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS	
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY	
	MORE THAN 50% PASSING NO. 200 SIEVE	SILTS AND CLAYS	LIQUID LIMIT GREATER THAN 50		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS SILTY SOILS
					CH	INORGANIC CLAYS OF HIGH PLASTICITY
					OH	ORGANIC CLAYS AND SILTS OF MEDIUM TO HIGH PLASTICITY
HIGHLY ORGANIC SOILS				PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS	

Sampler Symbol Descriptions

Blowcount is recorded for driven samplers as the number of blows required to advance sampler 12 inches (or distance noted). See exploration log for hammer weight and drop.

ADDITIONAL MATERIAL SYMBOLS

SYMBOLS		TYPICAL DESCRIPTIONS
GRAPH	LETTER	
	CC	Cement Concrete
	AC	Asphalt Concrete
	CR	Crushed Rock/ Quarry Spalls
	TS	Topsoil/ Forest Duff/Sod

Graphic Log Contact

Material Description Contact

Laboratory / Field Tests

KEY TO EXPLORATION LOGS

FIGURE B-1

REVISIONS			
NO.	DATE	APPROVED	TITLE
M1	XX/XX/09	INITIALS	XXX