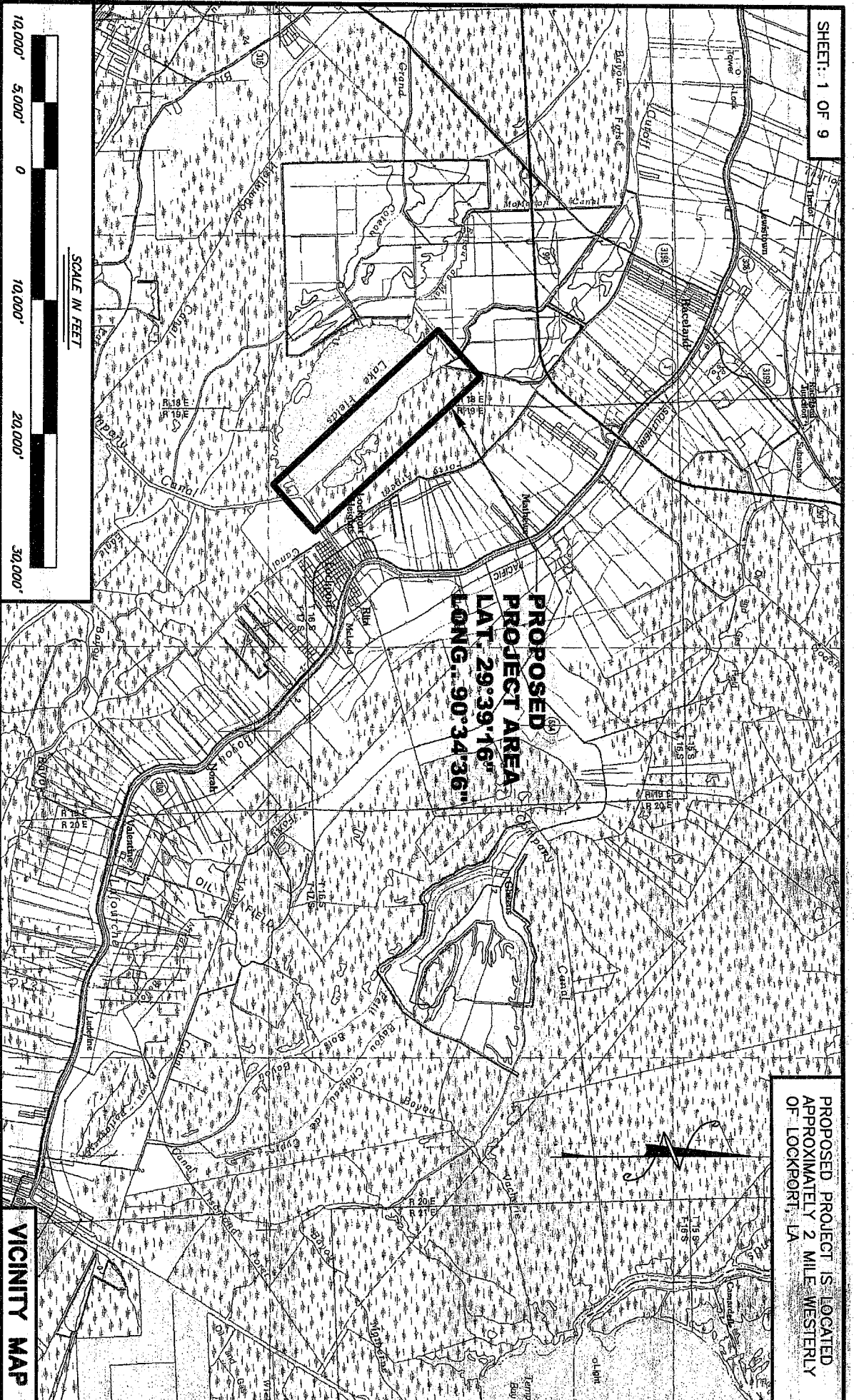


PROPOSED PROJECT IS LOCATED
APPROXIMATELY 2 MILE WESTERLY
OF LOCKPORT, LA



**PROPOSED
PROJECT AREA**
LAT. 29°39'16"
LONG. 90°34'36"

VICINITY MAP

PURPOSE: DREDGING OF LOWER BAYOU FOLSE
TO REROUTE TURBID WATERS AWAY FROM
LAKE FIELDS AND CREATE WETLANDS THROUGH
THE BENEFICIAL USE OF DREDGED SPOIL MATERIAL

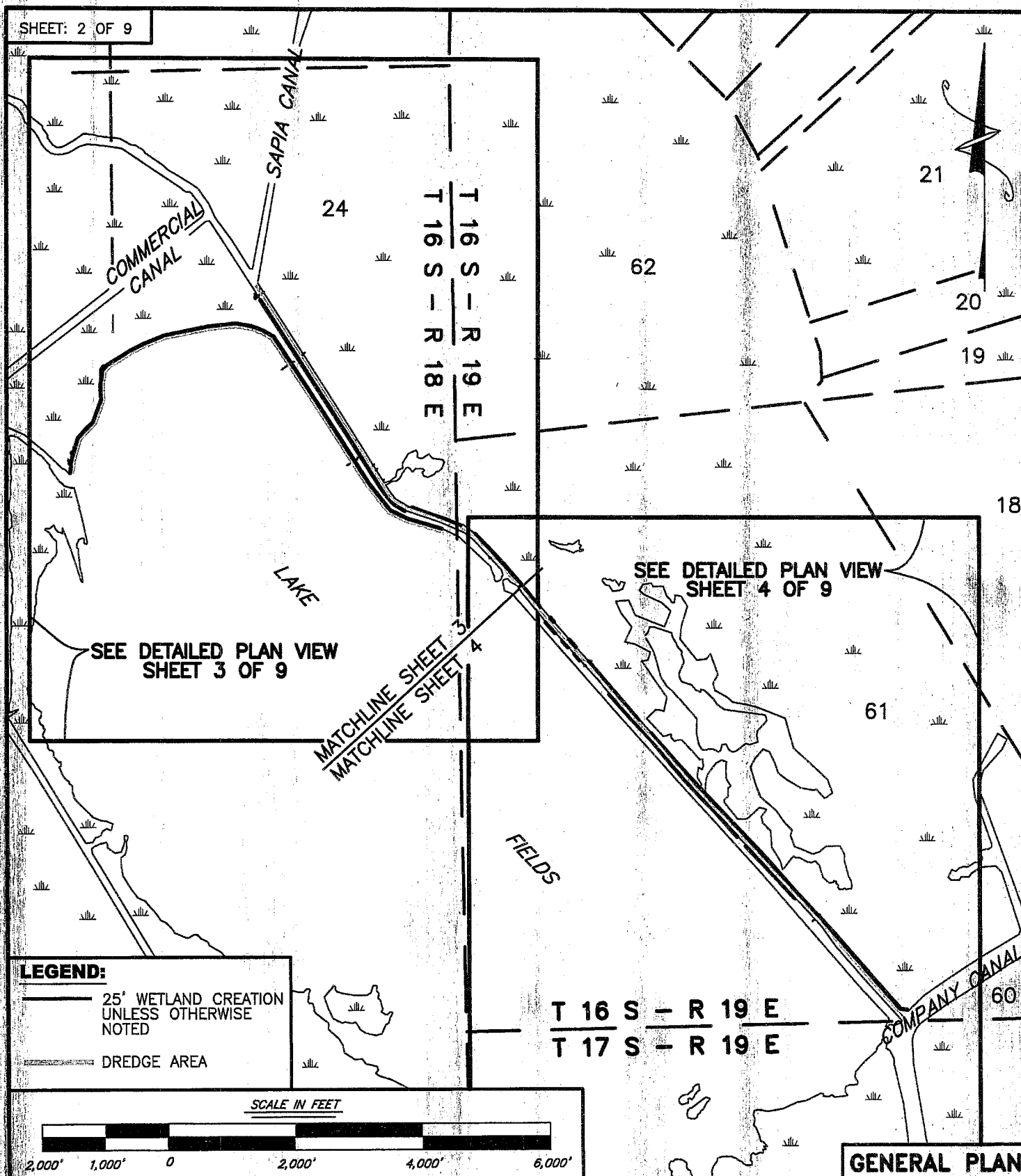


LEONARD CHAUVIN P.E., P.L.S., INC.
CIVIL ENGINEER - LAND SURVEYOR
627 JACKSON ST. THIBODAUX, LA.

PERMIT PLAT

LOWER BAYOU FOLSE PROPOSED WETLAND
CREATION AND DREDGING PROJECT
LOCATED IN T16S - R18E SECTION 24
& T16S - R19E SECTIONS 61 & 62
LAFOURCHE PARISH, LOUISIANA

APPLICATION BY: NCLD
DATE: MARCH 23, 2011
REVISED: MARCH 19, 2012



PURPOSE: DREDGING OF LOWER BAYOU FOLSE TO REROUTE TURBID WATERS AWAY FROM LAKE FIELDS AND CREATE WETLANDS THROUGH THE BENEFICIAL USE OF DREDGED SPOIL MATERIAL



LEONARD CHAUVIN P.E., P.L.S., INC.
CIVIL ENGINEER - LAND SURVEYOR
 627 JACKSON ST. THIBODAUX, LA.

PERMIT PLAT

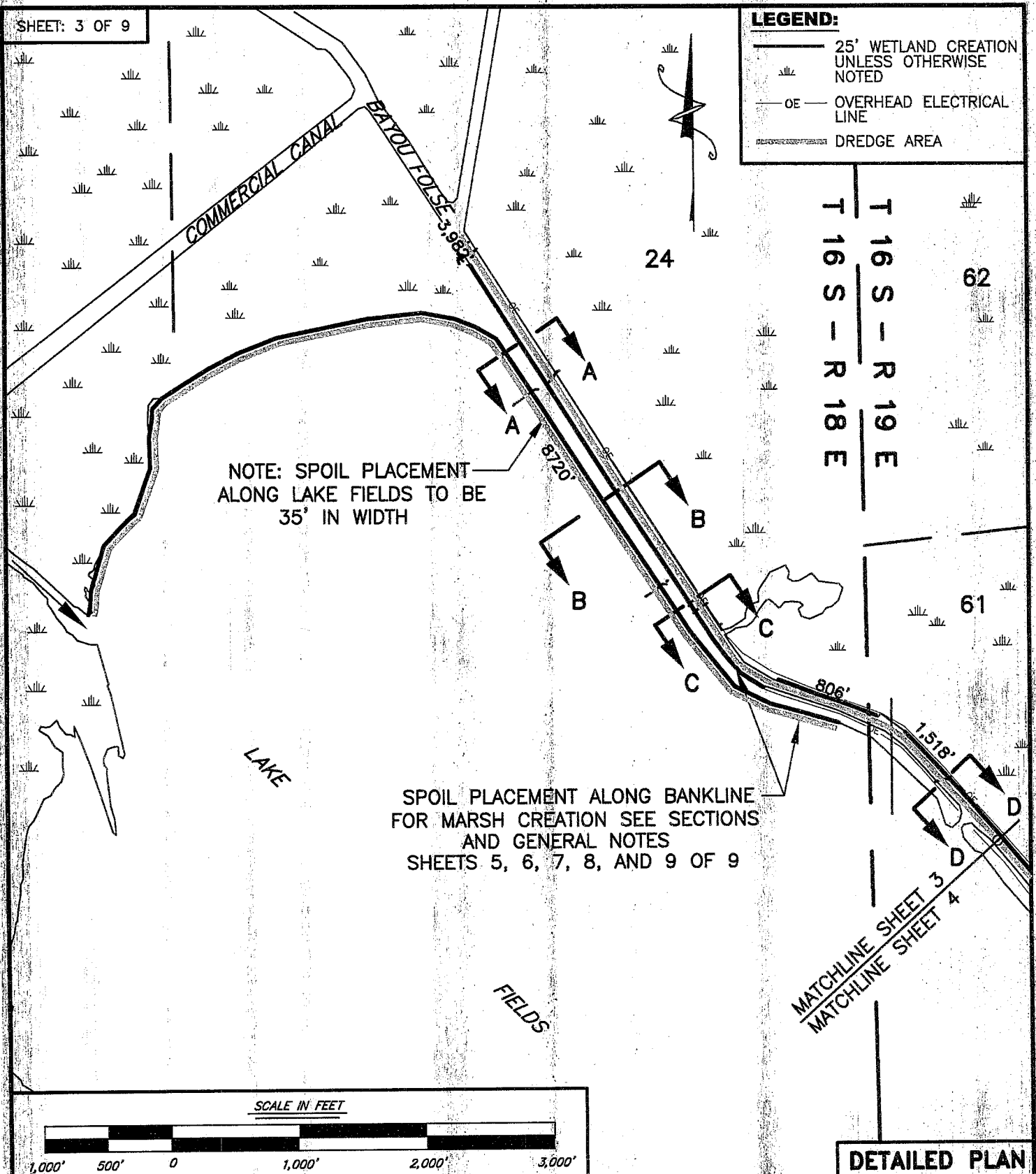
LOWER BAYOU FOLSE PROPOSED WETLAND CREATION AND DREDGING PROJECT
 LOCATED IN T16S - R18E SECTION 24
 & T16S - R19E SECTIONS 61 & 62
 LAFOURCHE PARISH, LOUISIANA

APPLICATION BY: NLCLDD
 DATE: MARCH 23, 2011

REVISED: MARCH 19, 2012

LEGEND:

- 25' WETLAND CREATION
UNLESS OTHERWISE
NOTED
- OE — OVERHEAD ELECTRICAL
LINE
- DREDGE AREA



PURPOSE: DREDGING OF LOWER BAYOU FOLSE
TO REROUTE TURBID WATERS AWAY FROM
LAKE FIELDS AND CREATE WETLANDS THROUGH
THE BENEFICIAL USE OF DREDGED SPOIL MATERIAL



LEONARD CHAUVIN P.E., P.L.S., INC.
CIVIL ENGINEER - LAND SURVEYOR
627 JACKSON ST. THIBODAUX, LA.

PERMIT PLAT

**LOWER BAYOU FOLSE PROPOSED WETLAND
CREATION AND DREDGING PROJECT**
LOCATED IN T16S - R18E SECTION 24
& T16S - R19E SECTIONS 61 & 62
LAFOURCHE PARISH, LOUISIANA

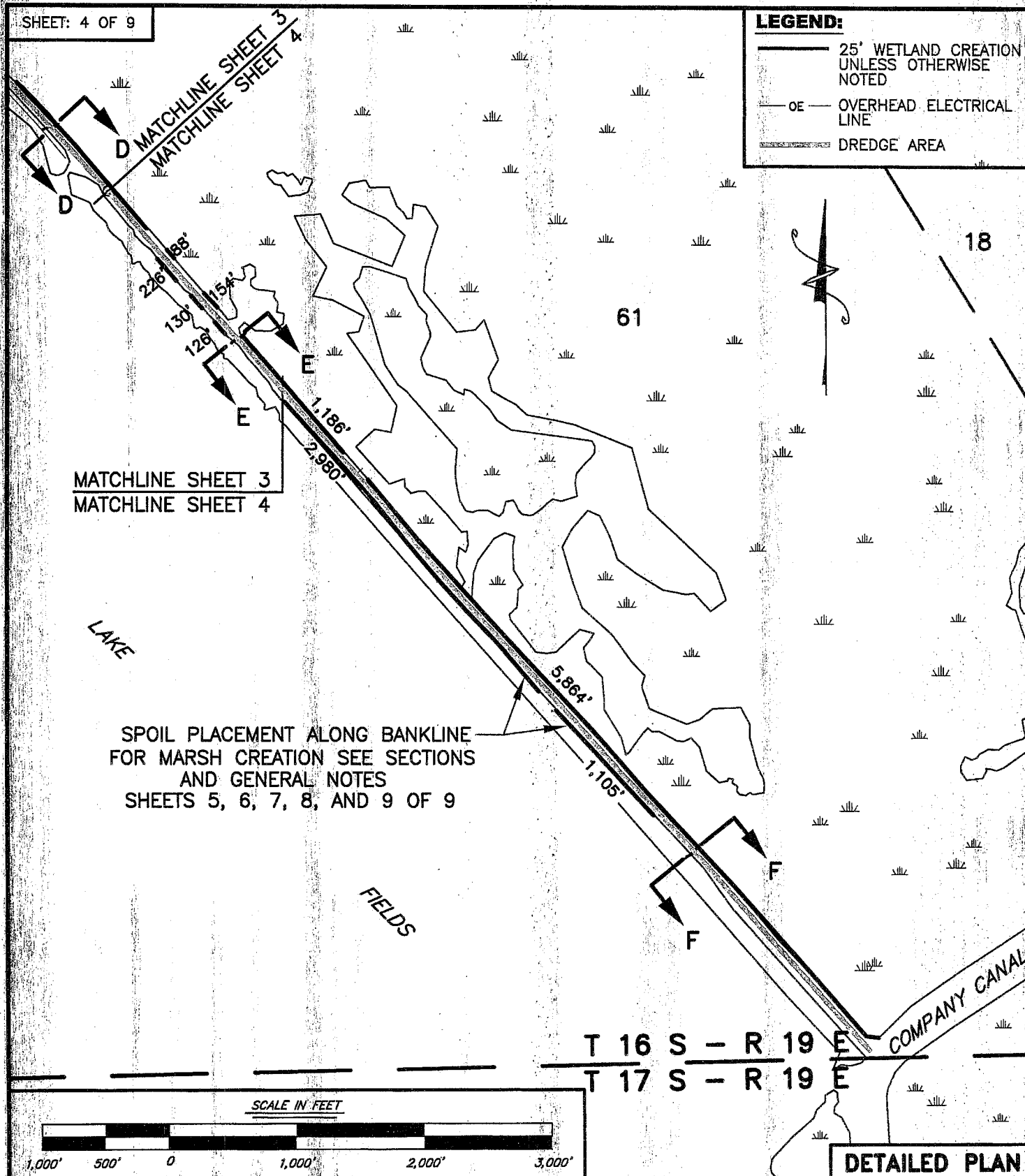
APPLICATION BY: NLCLDD

DATE: MARCH 23, 2011

REVISED: MARCH 19, 2012

LEGEND:

- 25' WETLAND CREATION
UNLESS OTHERWISE
NOTED
- OE — OVERHEAD ELECTRICAL
LINE
- DREDGE AREA



PURPOSE: DREDGING OF LOWER BAYOU FOLSE
TO REROUTE TURBID WATERS AWAY FROM
LAKE FIELDS AND CREATE WETLANDS THROUGH
THE BENEFICIAL USE OF DREDGED SPOIL MATERIAL

LEONARD CHAUVIN P.E., P.L.S., INC.
CIVIL ENGINEER - LAND SURVEYOR
627 JACKSON ST. THIBODAUX, LA.

PERMIT PLAT

LOWER BAYOU FOLSE PROPOSED WETLAND
CREATION AND DREDGING PROJECT
LOCATED IN T16S - R18E SECTION 24
& T16S - R19E SECTIONS 61 & 62
LAFORCHE PARISH, LOUISIANA

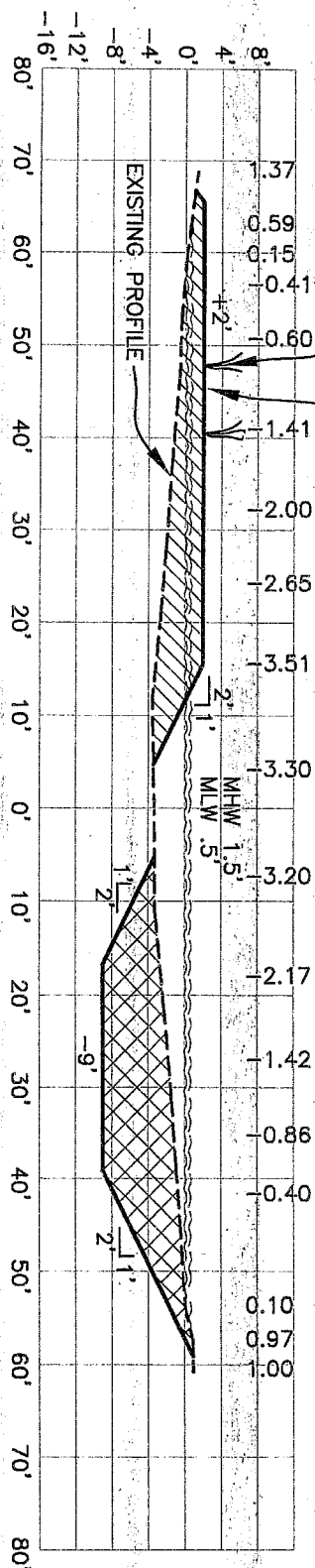
APPLICATION BY: NLCLDD

DATE: MARCH 23, 2011

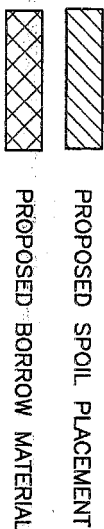
REVISED: MARCH 19, 2012

CUT GRASS TO BE PLANTED
AS PER GENERAL NOTES —
SEE SHEET 9 OF 9

SPILL PLACEMENT ALONG BANKLINE FOR
THE CREATION OF WETLANDS;
-SEE SHEET 9 OF 9 FOR PLANTING DETAILS
AND QUANTITIES



DATUM: NAVD 88
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'



TYPICAL SECTION

PURPOSE: DREDGING OF LOWER BAYOU FOLSE TO REROUTE TURBID WATERS AWAY FROM LAKE FIELDS AND CREATE WETLANDS THROUGH THE BENEFICIAL USE OF DREDGED SPOIL MATERIAL

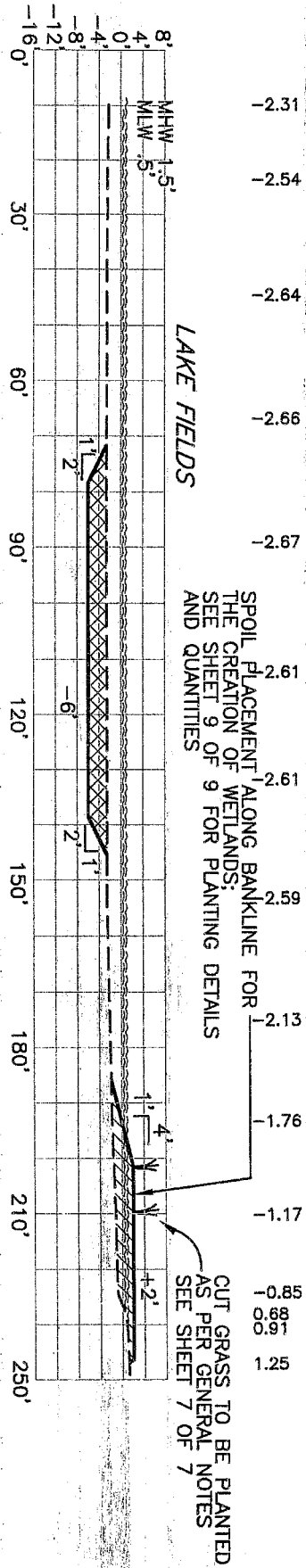
LOWER BAYOU FOLSE PROPOSED WETLAND
CREATION AND DREDGING PROJECT
LOCATED IN T16S -- R18E SECTION 24
& T16S -- R19E SECTIONS 61 & 62
LAFOURCHE PARISH, LOUISIANA



LEONARD CHAUVIN P.E., P.L.S., INC.
CIVIL ENGINEER - LAND SURVEYOR
627 JACKSON ST. THIBODAUX, LA.

APPLICATION BY: NLCLDD

DATE: MARCH 23, 2011 **REVISED:** MARCH 19, 2012



SECTION B-B

DATUM: NAVD 88
HORIZONTAL SCALE: 1" = 30'
VERTICAL SCALE: 1" = 30'

PROPOSED SPOIL PLACEMENT
PROPOSED BORROW MATERIAL

PURPOSE: DREDGING OF LOWER BAYOU FOLSE TO REROUTE TURBID WATERS AWAY FROM LAKE FIELDS AND CREATE WETLANDS THROUGH THE BENEFICIAL USE OF DREDGED SPOIL MATERIAL

PERMIT PLAT

TYPICAL SECTION

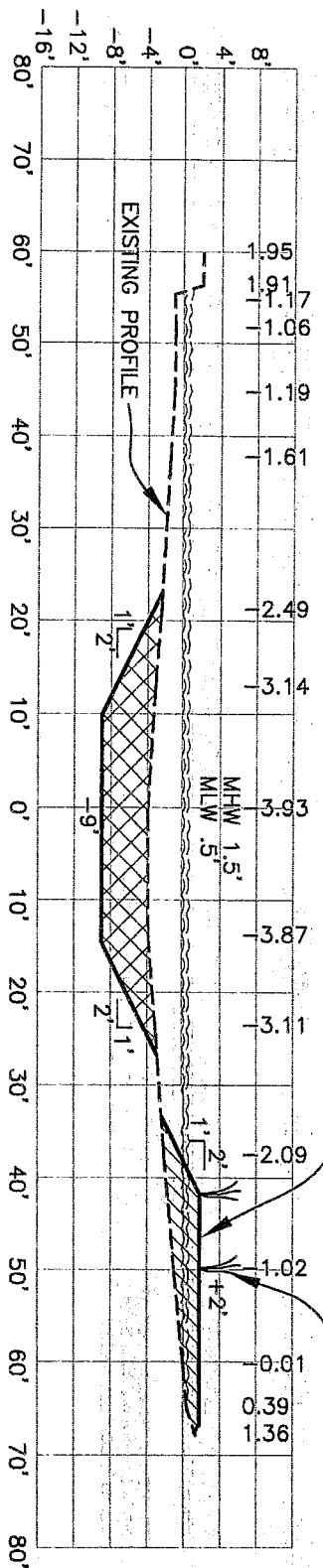
LOWER BAYOU FOLSE PROPOSED WETLAND CREATION AND DREDGING PROJECT LOCATED IN T16S - R18E SECTION 24 & T16S - R19E SECTIONS 61 & 62 LAFOURCHE PARISH, LOUISIANA

LEONARD CHAUVIN P.E., P.L.S., INC.
CIVIL ENGINEER - LAND SURVEYOR
627 JACKSON ST. THIBODAUX, LA.

APPLICATION BY: NLCLDD
DATE: MARCH 23, 2011
REVISED: MARCH 19, 2012

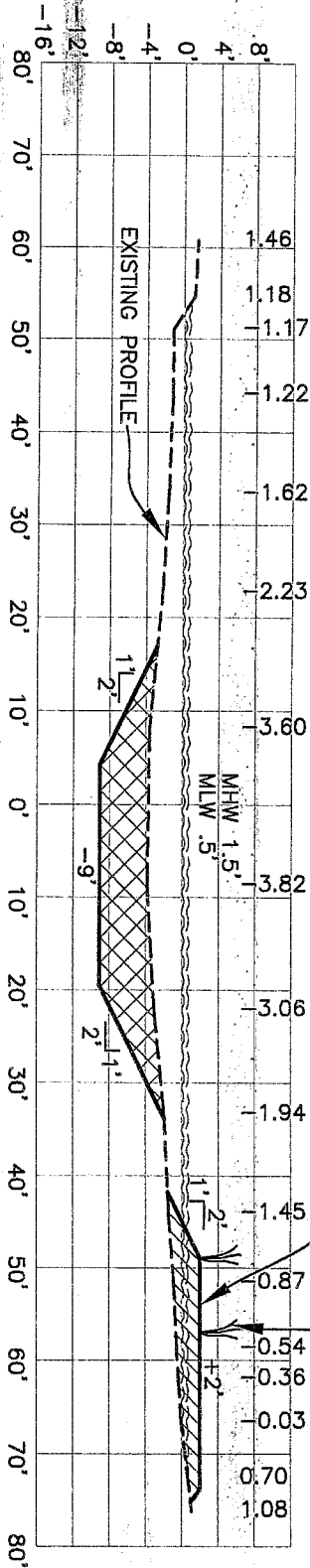
SPOIL PLACEMENT ALONG BANKLINE FOR
THE CREATION OF WETLANDS:
SEE SHEET 9 OF 9 FOR PLANTING DETAILS
AND QUANTITIES

CUT GRASS TO BE PLANTED
AS PER GENERAL NOTES
SEE SHEET 9 OF 9



SPOIL PLACEMENT ALONG BANKLINE FOR
THE CREATION OF WETLANDS:
SEE SHEET 9 OF 9 FOR PLANTING DETAILS
AND QUANTITIES

CUT GRASS TO BE PLANTED
AS PER GENERAL NOTES
SEE SHEET 9 OF 9



DATUM: NAVD 88
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'

PROPOSED SPOIL PLACEMENT (Hatched Area)

PROPOSED BORROW MATERIAL (Cross-hatched Area)

TYPICAL SECTION

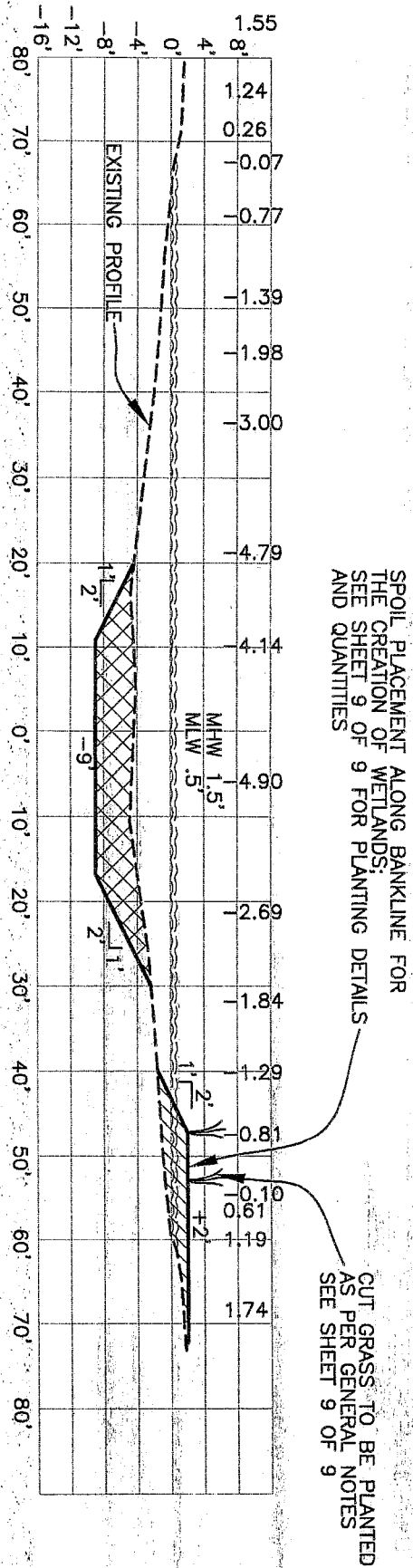
PURPOSE: DREDGING OF LOWER BAYOU FOLSE
TO REROUTE TURBID WATERS AWAY FROM
LAKE FIELDS AND CREATE WETLANDS THROUGH
THE BENEFICIAL USE OF DREDGED SPOIL MATERIAL

PERMIT PLAT

LOWER BAYOU FOLSE PROPOSED WETLAND
CREATION AND DREDGING PROJECT
LOCATED IN T16S - R18E SECTION 24
& T16S - R19E SECTIONS 61 & 62
LAFOURCHE PARISH, LOUISIANA

LEONARD CHAUVIN P.E., P.L.S., INC.
CIVIL ENGINEER - LAND SURVEYOR
627 JACKSON ST. THIBODAUX, LA

APPLICATION BY: NLCLDD
DATE: MARCH 23, 2011
REVISED: MARCH 19, 2012



DATUM: NAVD 88
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 20'

PROPOSED SPOIL PLACEMENT
PROPOSED BORROW MATERIAL

PURPOSE: DREDGING OF LOWER BAYOU FOLSE
TO REROUTE TURBID WATERS AWAY FROM
LAKE FIELDS AND CREATE WETLANDS THROUGH
THE BENEFICIAL USE OF DREDGED SPOIL MATERIAL

PERMIT PLAT

LOWER BAYOU FOLSE PROPOSED WETLAND
CREATION AND DREDGING PROJECT
LOCATED IN T16S - R18E SECTION 24
& T16S - R19E SECTIONS 61 & 62
LAFOURCHE PARISH, LOUISIANA

TYPICAL SECTION



LEONARD CHAUVIN P.E., P.L.S., INC.
CIVIL ENGINEER - LAND SURVEYOR
627 JACKSON ST. THIBODAUX, LA

APPLICATION BY: NLCLDD
DATE: MARCH 23, 2011 REVISED: MARCH 19, 2012

GENERAL NOTES

1. PIPELINES AND UTILITIES MAY EXIST THAT ARE NOT SHOWN. IT IS THE CONTRACTORS RESPONSIBILITY TO CALL LOUISIANA ONE CALL AT 1-800-272-3020 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION ACTIVITIES.
2. ALL REQUIRED EXCAVATION SHALL BE CONDUCTED WITH EITHER AMPHIBIOUS EXCAVATOR OR DIPPER DREDGE ON BARGE. EARTHEN MATERIAL SHALL BE EXCAVATED FROM OPEN WATER BORROW AREAS AND PLACED ALONG BANK IN SHALLOW WATER TO CREATE EMERGENT MARSH +2.0'. 236,407 CUBIC YARDS OF EXCAVATION WILL BE REQUIRED AND 19.53 ACRES OF EMERGENT WETLANDS WILL BE CREATED.
3. THE PERMITEE SHALL PLANT SPRIGS OF GIANT CUT GRASS (ZIZANOPSIS MILEACEA) HARVESTED ON SITE, EACH BEING AT LEAST A GALLON SIZE BUNCH, PLANTED IN TWO ALTERNATING ROWS, THE ENTIRE LENGTH OF THE SPOIL PLACEMENT: ONE SHALL BE SITUATED ALONG THE WATERS EDGE, AND THE OTHER ALONG THE CENTER OF THE OF THE BERM, WHICH IS TO BE GRADED TO AN ELEVATION SUPPORTIVE OF MARSH ESTABLISHMENT, AS SHOWN ON THE ATTACHED TYPICAL SECTIONS. PLANTINGS SHALL BE CONDUCTED DURING THE FIRST GROWING SEASON.
4. THE PLANTINGS SHALL BE PERFORMED AT THE SPECIFIC LOCATIONS SHOWN, AND IN ACCORDANCE WITH THE PLANTING DENSITY NOT TO EXCEED 5' INTERVALS. MINOR DEVIATIONS IN THE PLANTING SCHEDULE DUE TO FIELD CONDITIONS ENCOUNTERED, AT THE TIME THE PLANTINGS ARE CONDUCTED, ARE ALLOWABLE. ANY DEVIATIONS THAT ARE NOT WITHIN THE SCOPE OF THIS PERMIT SHALL REQUIRE THE NOTIFICATION OF THE NEW ORLEANS DISTRICT REGULATORY BRANCH EVALUATION SECTION.
5. THE PERMITEE SHALL ACHIEVE A SURVIVAL RATE OF 80 PERCENT OF THE INITIAL PLANTING UNITS AFTER ONE COMPLETE GROWING SEASON. IF THIS SURVIVAL RATE IS NOT ACHIEVED, THE PERMITEE SHALL REPLACE ALL DEAD OR MISSING PLANTING UNITS THE FOLLOWING PLANTING SEASON. SUPPLEMENTAL PLANTINGS SHALL BE CONDUCTED ON AN ANNUAL BASIS UNTIL THE MANDATORY SURVIVAL RATE IS ATTAINED. IF THE DESIRED SURVIVAL RATE IS NOT ATTAINED AFTER 3 CONSECUTIVE PLANTING EFFORTS, ALTERNATIVE MITIGATION WILL BE DETERMINED BY THE CORPS IN COORDINATION WITH OTHER REGULATORY AND/OR RESOURCE AGENCIES. THE PERMITEE SHALL MONITOR SURVIVORSHIP RATES OF THE INITIAL, AND ANY SUPPLEMENTAL PLANTINGS THAT MAY BE REQUIRED AT THE END OF THE GROWING SEASON, IN WHICH THE PLANTINGS WERE CONDUCTED. WRITTEN MONITORING REPORTS DESCRIBING PLANTING UNIT SURVIVAL RATES SHALL BE FURNISHED TO CEMV-OD-SW, BY DECEMBER 31 OF THE CALENDAR YEAR.

PURPOSE: DREDGING OF LOWER BAYOU FOLSE TO REROUTE TURBID WATERS AWAY FROM LAKE FIELDS AND CREATE WETLANDS THROUGH THE BENEFICIAL USE OF DREDGED SPOIL MATERIAL



LEONARD CHAUVIN P.E., P.L.S., INC.
CIVIL ENGINEER - LAND SURVEYOR
 627 JACKSON ST. THIBODAUX, LA.

PERMIT PLAT

**LOWER BAYOU FOLSE PROPOSED WETLAND
 CREATION AND DREDGING PROJECT
 LOCATED IN T16S - R18E SECTION 24
 & T16S - R19E SECTIONS 61 & 62
 LAFOURCHE PARISH, LOUISIANA**

GENERAL NOTES

APPLICATION BY: NECLDB

DATE: MARCH 23, 2011 **REV:** APRIL 26, 2011 **REV:** MARCH 19, 2012