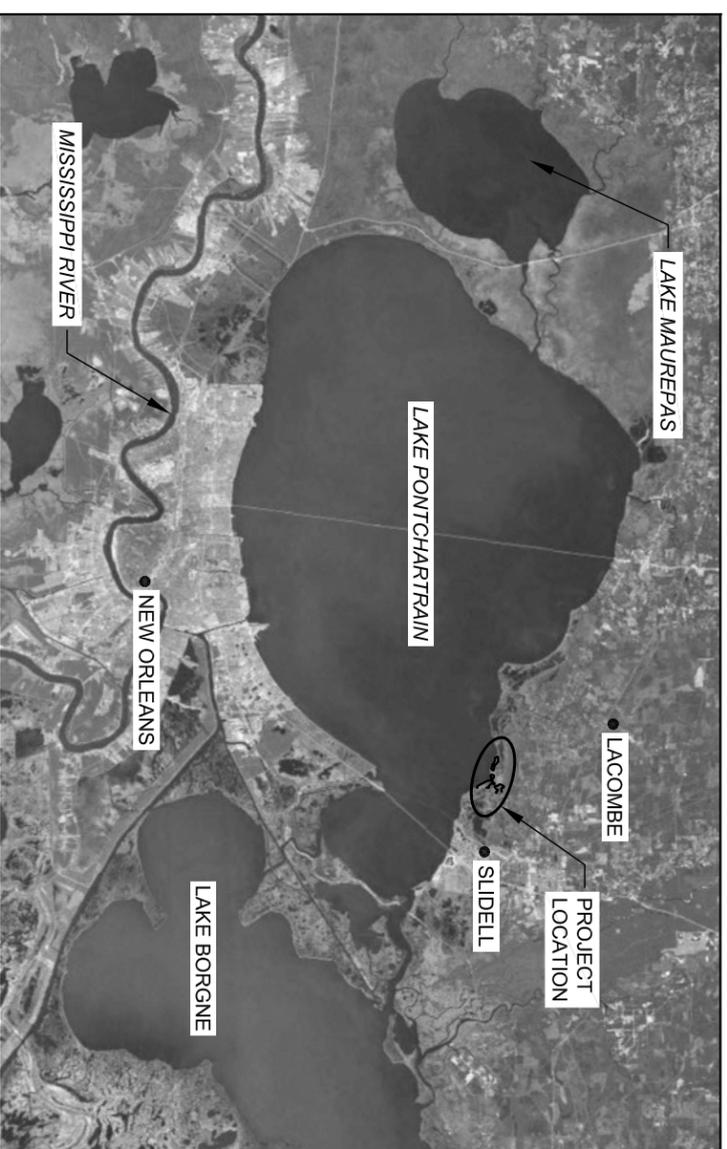
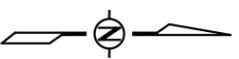
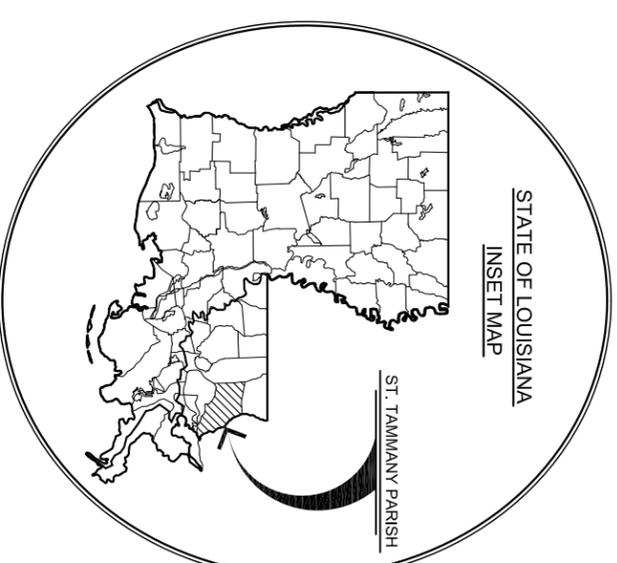


INDEX TO SHEETS

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3	MARSH CREATION PROJECT LAYOUT
4	MARSH NOURISHMENT PROJECT LAYOUT
5	TYPICAL SECTIONS
6	PLANTING DETAILS

STATE OF LOUISIANA
COASTAL PROTECTION AND RESTORATION AUTHORITY

**BAYOU BONFOUCA MARSH CREATION -
VEGETATIVE PLANTING PROJECT**
P0-0104
ST. TAMMANY PARISH, LOUISIANA



LICENSURE CLASSIFICATION REQUIREMENTS

MAJOR CATEGORY: HEAVY CONSTRUCTION

SUBCLASSIFICATION: LANDSCAPING, GRADING & BEAUTIFICATION

OR

MAJOR CATEGORY: SPECIALTY

SUBCLASSIFICATION: COASTAL RESTORATION & HABITAT ENHANCEMENT OR SEEDING, SODDING, LOAD & SOIL STABILIZATION, EROSION CONTROL, SHEET PILING



REV.	DATE	DESCRIPTION	BY

COASTAL PROTECTION AND RESTORATION AUTHORITY
150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

TITLE SHEET

DESIGNED BY: SHANE FAUST
APPROVED BY: SHANNON HAYNES, P.E.

BAYOU BONFOUCA MARSH CREATION - VEGETATIVE PLANTINGS PROJECT

STATE PROJECT NUMBER: PO-0104
DRAWN BY: SHANE FAUST

DATE: MARCH 2018

SHEET 1 OF 6

GENERAL NOTES

1. PLANS AND SPECIFICATIONS ARE COMPLEMENTARY; WHAT IS REQUIRED BY ONE IS BINDING AS IF REQUIRED BY ALL. CLARIFICATIONS AND INTERPRETATIONS OF, OR NOTIFICATIONS OF MINOR VARIATIONS AND DEVIATIONS IN THE CONTRACT DOCUMENTS, WILL BE ISSUED BY THE ENGINEER, IF NECESSARY.
2. EXACT LOCATION OF ALL PLANTS SHALL BE DETERMINED ON SITE BY THE ENGINEER DURING PRE-CONSTRUCTION LAYOUT.
3. ALL DISTANCE MEASUREMENTS SHOWN ON THE PLANS ARE APPROXIMATE.
4. NO EQUIPMENT MAY ALTER THE EXISTING CONDITIONS OF THE NEWLY CREATED MARSH PLATFORM OR DISTURB EXISTING VEGETATION.
5. ANY DAMAGE TO EXISTING AIDS TO NAVIGATION SHALL BE REPAIRED BY THE CONTRACTOR AT THE EXPENSE OF THE CONTRACTOR.
6. MEAN HIGH WATER (MHW) AND MEAN LOW WATER (MLW) ARE BASED ON THE NOAA GAGE CR3667. ELEVATIONS ARE REFERENCED TO NAVD 88, US FEET.
7. ALL EQUIPMENT SHALL BE FLOATING AT ALL TIMES DURING TRANSIT TO AND FROM THE PROJECT SITE.

SUMMARY OF ESTIMATED QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY
1	SMOOTH CORDGRASS - PLUGS (TS-1010)	EACH	13,935
2	SEASHORE PASPALUM - FOUR-INCH CONTAINER (TS-1020)	EACH	27,870
3	MARSHHAY CORDGRASS FOUR-INCH CONTAINER (TS-1060)	EACH	40,445
4	CALIFORNIA BULRUSH - PLUGS (TS-1200)	EACH	4,612

QUANTITIES SHOWN ARE FOR BID PURPOSES ONLY AND WERE CALCULATED ACCORDING TO CONDITIONS SURVEYED IN AUGUST 2010. THE OWNER RESERVES THE RIGHT TO ADJUST QUANTITIES HIGHER OR LOWER WITHOUT ADJUSTMENT OF THE UNIT PRICE.

ACRONYMS:

	CMF	CONSTRUCTED MARSH FILL
	MNA	MARSH NOURISHMENT AREA
	ECD	EARTHEN CONTAINMENT DIKE
	RB	REFUGE BOUNDARY
	EB	EXISTING BOTTOM

COASTAL PROTECTION AND RESTORATION AUTHORITY

150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

GENERAL NOTES

BAYOU BONFOUCA
MARSH CREATION -
VEGETATIVE PLANTING PROJECT

STATE PROJECT NUMBER: PO-0104

DRAWN BY: SHANE FAUST

DESIGNED BY: SHANE FAUST

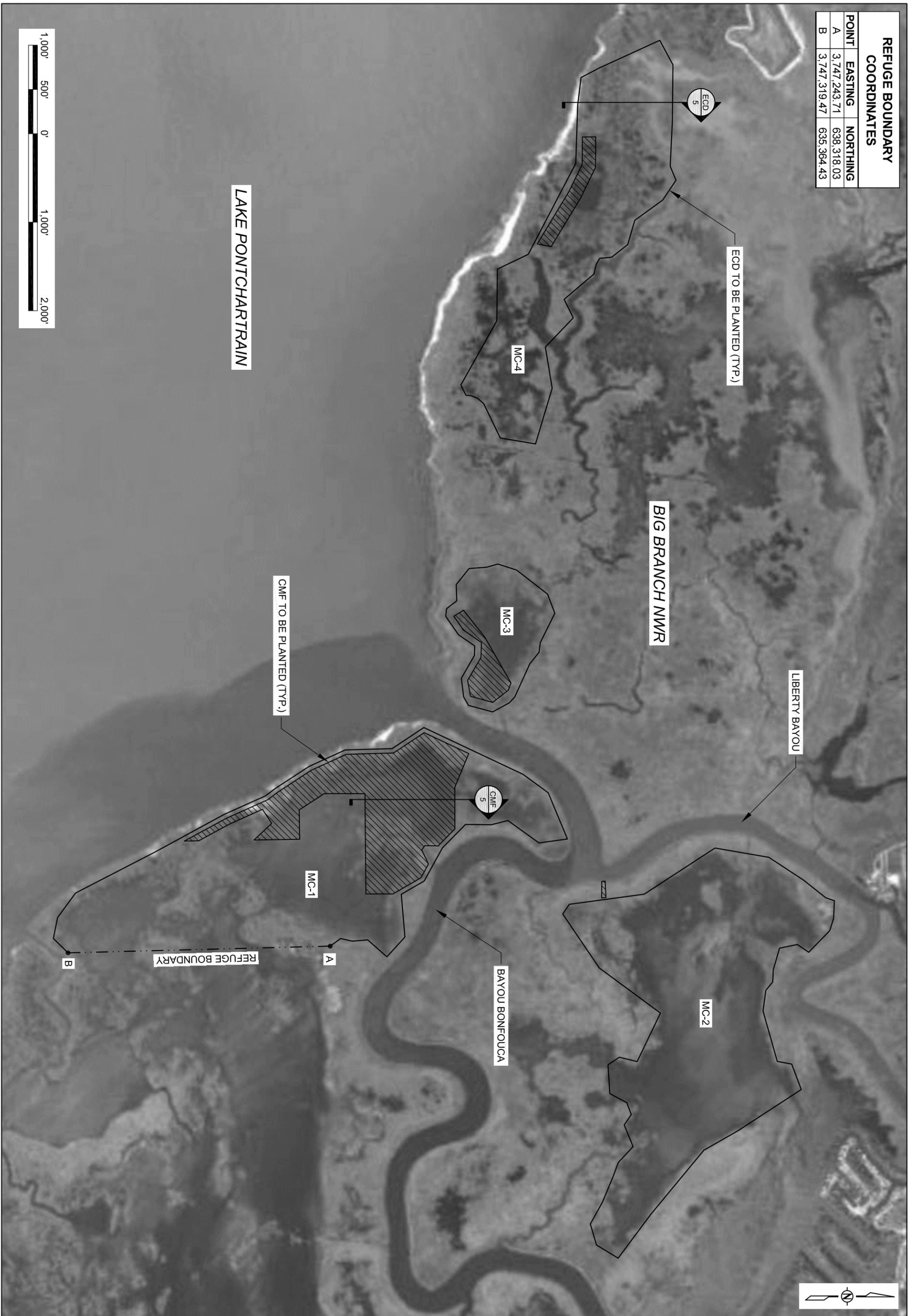
APPROVED BY: SHANNON HAYNES, P.E.

REV.	DATE	DESCRIPTION	BY

DATE: MARCH 2018

SHEET 2 OF 6

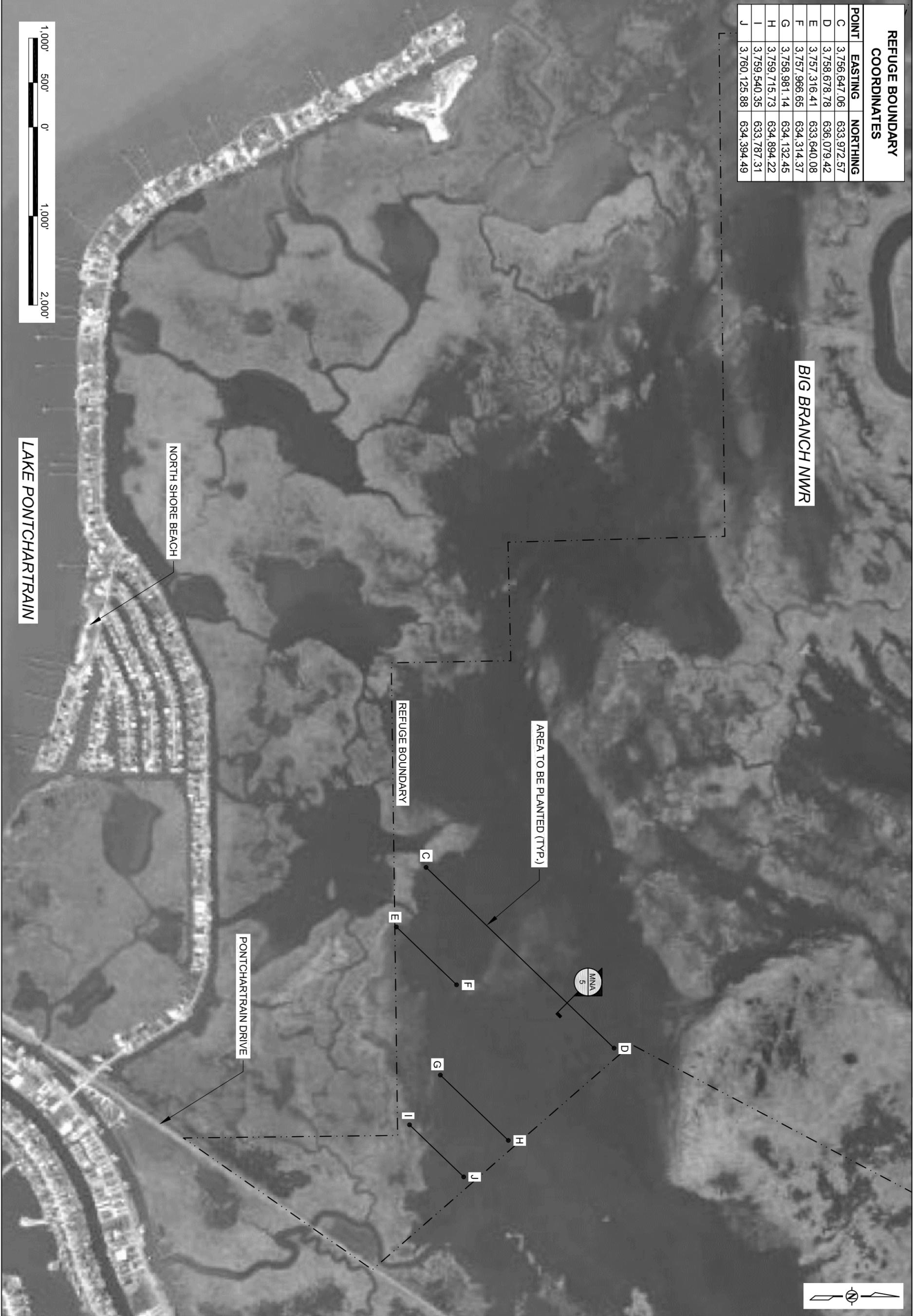
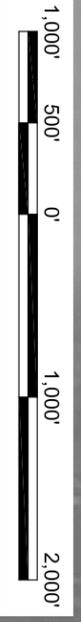
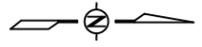
REFUGE BOUNDARY COORDINATES			
POINT	EASTING	NORTHING	
A	3,747,243.71	638,318.03	
B	3,747,319.47	635,364.43	



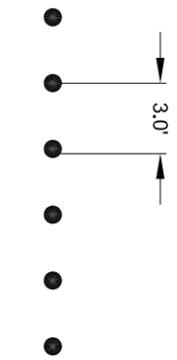
DATE: MARCH 2018 SHEET 3 OF 6	BAYOU BONFOUCA MARSH CREATION - VEGETATIVE PLANTINGS PROJECT	MARSH CREATION PROJECT LAYOUT	COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802					
	STATE PROJECT NUMBER: PO-0104	DESIGNED BY: SHANE FAUST			REV.	DATE	DESCRIPTION	BY
	DRAWN BY: SHANE FAUST	APPROVED BY: SHANNON HAYNES, P.E.						

REFUGE BOUNDARY COORDINATES		
POINT	EASTING	NORTHING
C	3,756,647.06	633,972.57
D	3,758,678.78	636,079.42
E	3,757,316.41	633,640.08
F	3,757,966.65	634,314.37
G	3,758,981.14	634,132.45
H	3,759,715.73	634,894.22
I	3,759,540.35	633,787.31
J	3,760,125.88	634,394.49

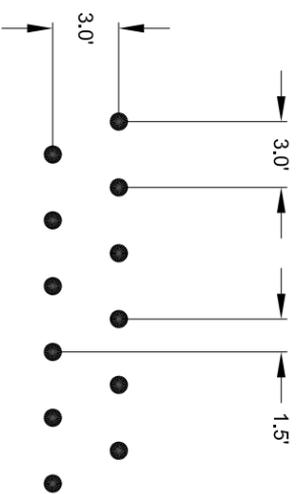
BIG BRANCH NWR



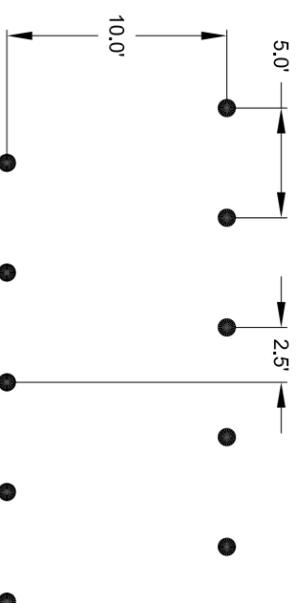
DATE: MARCH 2018 SHEET 4 OF 6	BAYOU BONFOUCA MARSH CREATION - VEGETATIVE PLANTINGS PROJECT	MARSH NOURISHMENT PROJECT LAYOUT	COASTAL PROTECTION AND RESTORATION AUTHORITY 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802					
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	DRAWN BY: SHANE FAUST	APPROVED BY: SHANNON HAYNES, P.E.			REV.	DATE	DESCRIPTION	BY



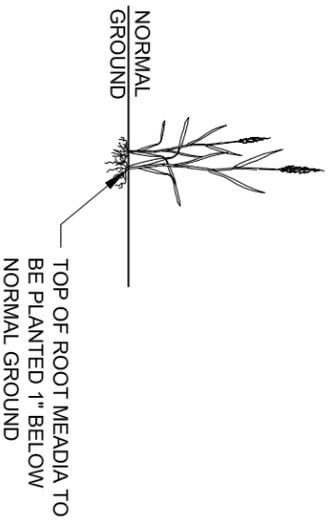
SMOOTH CORDGRASS DETAIL
NOT TO SCALE



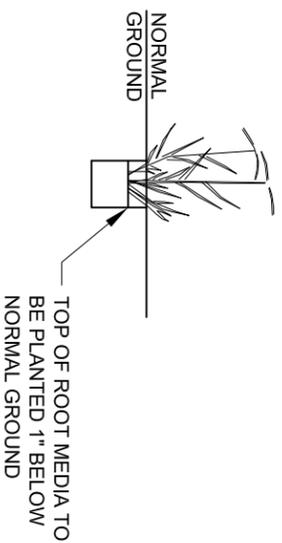
SEASHORE PASPALUM DETAIL
NOT TO SCALE



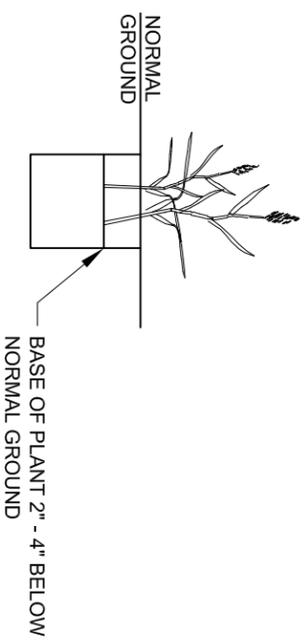
MARSHHAY CORDGRASS & CALIFORNIA BULRUSH DETAIL
NOT TO SCALE



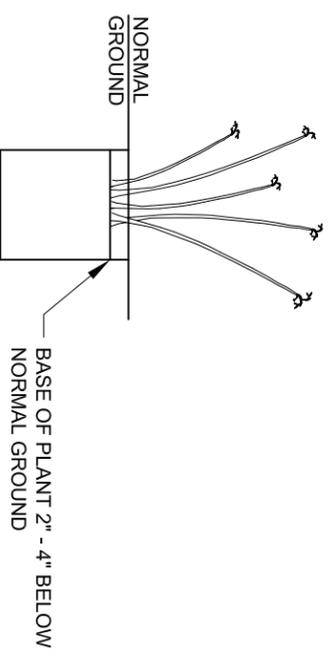
TYPICAL DETAIL A
SMOOTH CORDGRASS
PLUG



TYPICAL DETAIL B
SEASHORE PASPALUM
4" CONTAINER



TYPICAL DETAIL C
MARSHHAY CORDGRASS
4" CONTAINER



TYPICAL DETAIL D
CALIFORNIA BULRUSH
GALLON CONTAINER

REV.	DATE	DESCRIPTION	BY

COASTAL PROTECTION AND RESTORATION AUTHORITY
150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

PLANTING DETAILS	
DESIGNED BY: SHANE FAUST	APPROVED BY: SHANNON HAYNES, P.E.

BAYOU BONFOUCA MARSH CREATION - VEGETATIVE PLANTINGS PROJECT	
STATE PROJECT NUMBER: PO-0104	DRAWN BY: SHANE FAUST