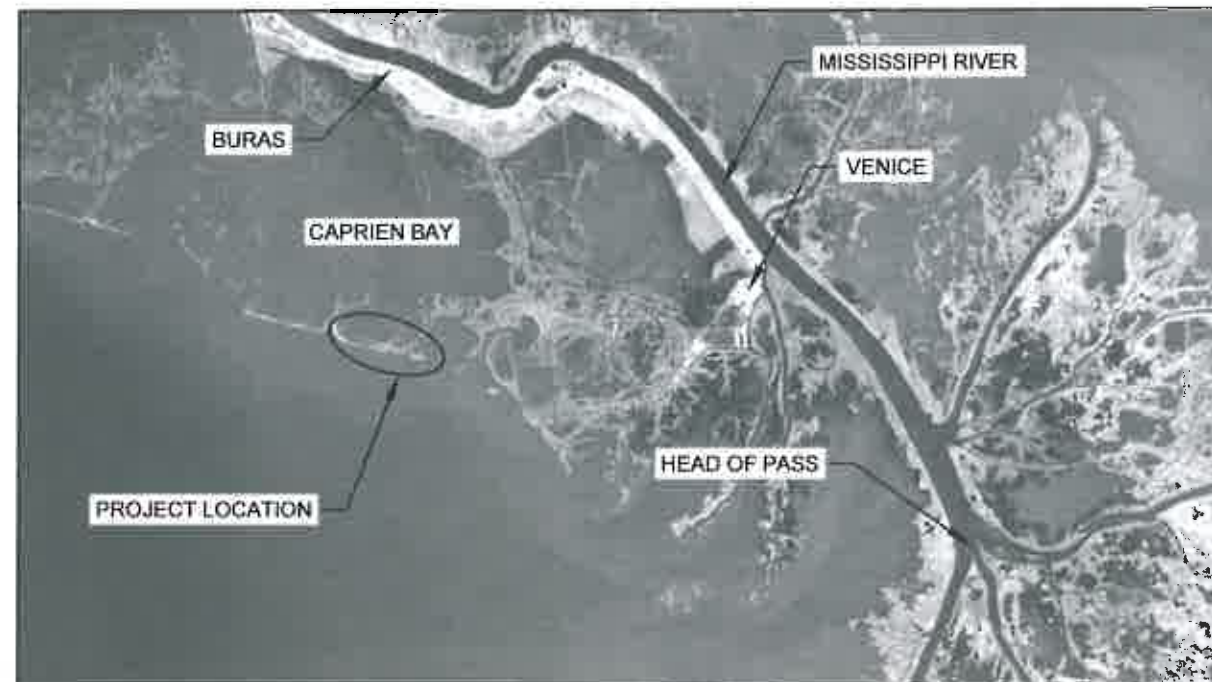


STATE OF LOUISIANA
COASTAL PROTECTION AND RESTORATION AUTHORITY

INDEX TO SHEETS

| SHEET NO. | DESCRIPTION |
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SCOFIELD ISLAND RESTORATION
VEGETATIVE PLANTINGS PROJECT
BA-40
PLAQUEMINES PARISH, LOUISIANA



[Signature]
CHIEF, ENGINEERING DIVISION

[Signature]
ENGINEER MANAGER

[Signature]
ENGINEER SUPERVISOR

[Signature]
PROJECT DESIGNER

LICENSURE CLASSIFICATION REQUIREMENTS

MAJOR CATEGORY: HEAVY CONSTRUCTION

SUBCLASSIFICATION: LANDSCAPING, GRADING & BEAUTIFICATION

AND/OR

MAJOR CATEGORY: SPECIALITY

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

| | | | | | | | | | |
|------|------|-------------|----|--|--|---|--|-----------------------------|--|
| | | | | COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801 | | SCOFIELD ISLAND RESTORATION VEGETATIVE PLANTINGS PROJECT | | TITLE SHEET | |
| | | | | DRAWN BY: SHANE FAUST | | DESIGNED BY: SHANE FAUST | | STATE PROJECT NUMBER: BA-40 | |
| | | | | | | FEDERAL PROJECT NUMBER: N/A | | DATE: AUGUST 2013 | |
| | | | | APPROVED BY: SHANNON HAYNES, P.E. | | | | SHEET 1 OF 4 | |
| REV. | DATE | DESCRIPTION | BY | | | | | | |

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 OR DUNE PLATFORMS OR DISTURB EXISTING VEGETATION.
5. ANY DAMAGE TO EXISTING U.S. COAST GUARD NAVIGATION AIDS OR PRIVATE NAVIGATION AIDS SHALL BE REPAIRED BY THE CONTRACTOR TO U.S. COAST GUARD STANDARDS AT THE EXPENSE OF THE CONTRACTOR.
6. MEAN HIGH WATER (MHW) AND MEAN LOW WATER (MLW) ARE BASED ON THE CHEVRON STATION 289 AT PELICAN ISLAND, LA. 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 VEGETATION PLUG | EACH | 10,000 |
| 2 | BLACK MANGROVE FOUR-INCH CONTAINER | EACH | 1,000 |
| 3 | BITTER PANICUM FOUR-INCH CONTAINER | EACH | 24,000 |
| 4 | MARSHHAY GRASS FOUR-INCH CONTAINER | EACH | 7,200 |
| 5 | SEA OATS GALLON CONTAINER | EACH | 7,200 |

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

| | | | | | | | | | |
|------|------|-------------|----|---|--|--|--|-----------------------------------|--|
| | | | | COASTAL PROTECTION AND RESTORATION AUTHORITY | | SCOFIELD ISLAND RESTORATION VEGETATIVE PLANTINGS PROJECT | | GENERAL NOTES | |
| | | | | 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801 | | | | | |
| | | | | | | STATE PROJECT NUMBER: BA-40 | | | |
| | | | | | | FEDERAL PROJECT NUMBER: N/A | | DATE: AUGUST 2013 | |
| | | | | DRAWN BY: SHANE FAUST | | DESIGNED BY: SHANE FAUST | | APPROVED BY: SHANNON HAYNES, P.E. | |
| REV. | DATE | DESCRIPTION | BY | | | | | SHEET 2 OF 4 | |

| ACCESS CHANNEL CENTERLINE COORDINATES | | |
|---------------------------------------|------------|--------------|
| POINT | NORTHING | EASTING |
| A1 | 272,759.95 | 3,846,211.08 |
| A2 | 273,857.47 | 3,846,282.70 |
| A3 | 274,508.96 | 3,845,897.70 |
| A4 | 275,042.48 | 3,845,582.41 |
| A5 | 275,977.56 | 3,845,103.30 |
| A6 | 276,418.37 | 3,844,882.12 |
| A7 | 276,896.72 | 3,844,898.03 |
| A8 | 276,863.74 | 3,845,065.15 |
| A9 | 276,919.41 | 3,845,391.42 |
| A10 | 276,550.75 | 3,846,073.22 |
| A11 | 276,308.80 | 3,846,514.40 |
| A12 | 276,062.00 | 3,846,957.09 |
| A13 | 276,036.65 | 3,847,002.94 |
| A14 | 275,028.46 | 3,846,686.92 |
| A15 | 276,206.37 | 3,847,515.44 |
| A16 | 276,021.56 | 3,848,014.74 |
| A17 | 275,774.86 | 3,848,680.43 |
| A18 | 275,600.97 | 3,849,152.98 |
| A19 | 275,503.93 | 3,849,643.86 |
| A20 | 275,405.04 | 3,850,134.30 |
| A21 | 275,308.53 | 3,850,625.30 |
| A22 | 275,210.21 | 3,851,115.88 |
| A23 | 275,115.84 | 3,851,607.39 |
| A24 | 275,019.46 | 3,852,098.43 |
| A25 | 274,920.66 | 3,852,588.89 |
| A26 | 274,823.41 | 3,853,079.72 |
| A27 | 274,759.73 | 3,853,578.56 |
| A28 | 274,695.40 | 3,854,077.24 |
| A29 | 274,630.16 | 3,854,575.70 |
| A30 | 274,566.13 | 3,855,074.45 |
| A31 | 274,499.70 | 3,855,937.78 |
| A32 | 273,891.79 | 3,859,455.70 |
| A33 | 273,177.28 | 3,857,065.82 |
| A34 | 272,005.90 | 3,856,920.66 |



| LEGEND | |
|--------|---------------------|
| | NEWLY CREATED MARSH |
| | EXISTING DUNE |
| | OYSTER LEASES |
| | CONTAINMENT DIKE |
| | ACCESS CHANNEL |

- NOTES:
- EXACT LOCATION OF ALL PLANTS SHALL BE DETERMINED ON SITE BY THE ENGINEER DURING PRE-CONSTRUCTION LAYOUT.
 - ALL DISTANCE MEASUREMENTS SHOWN ON THE PLANS ARE APPROXIMATE.
 - NO EQUIPMENT MAY ALTER THE EXISTING CONDITIONS OF THE NEWLY CREATED MARSH OR DUNE PLATFORMS OR DISTURB EXISTING VEGETATION.
 - CONTRACTOR MUST AVOID ALL OYSTER LEASES. ACCESS TO THE NORTH SIDE OF THE ISLAND IS LIMITED TO THE 80'-100' WIDE ACCESS CHANNEL AS SHOWN ON THE PLANS.

| REV. | DATE | DESCRIPTION | BY |
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COASTAL PROTECTION AND RESTORATION AUTHORITY
 450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70801

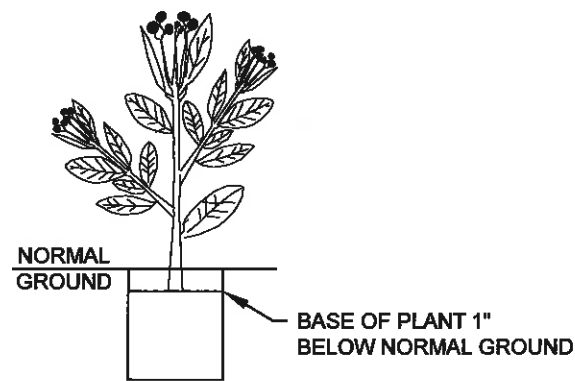
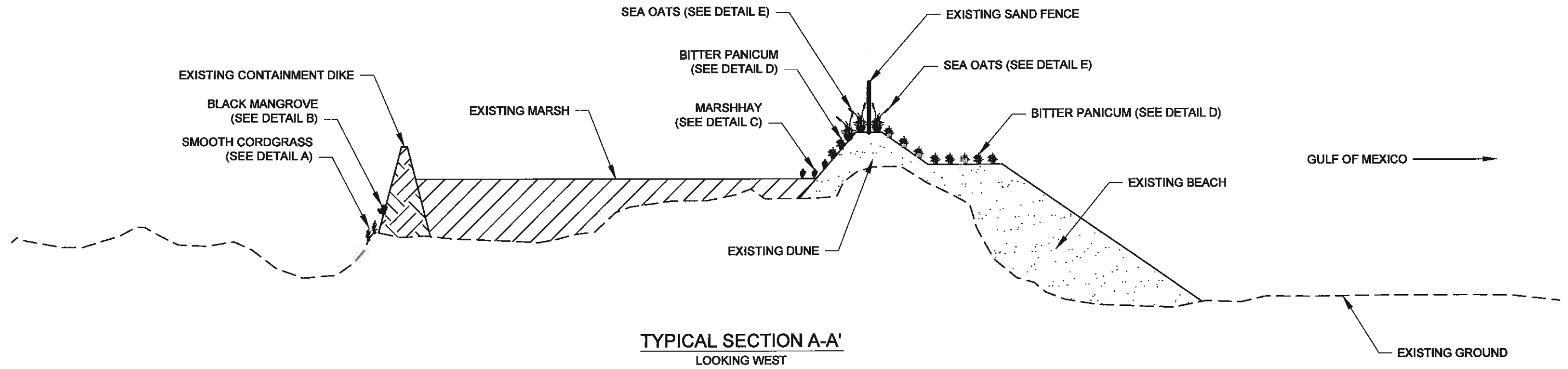
DRAWN BY: SHANE FAUST DESIGNED BY: SHANE FAUST

SCOFIELD ISLAND RESTORATION VEGETATIVE PLANTINGS PROJECT

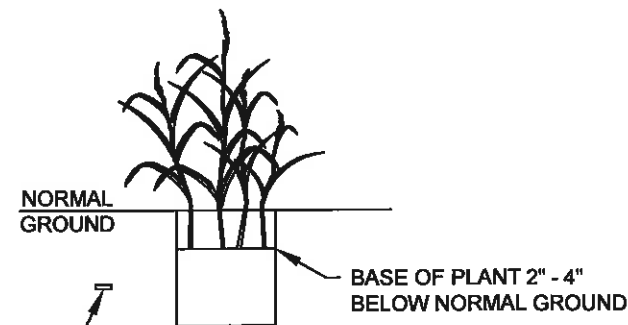
STATE PROJECT NUMBER: BA-40
 FEDERAL PROJECT NUMBER: N/A
 APPROVED BY: SHANNON HAYNES, P.E.

PROJECT LAYOUT

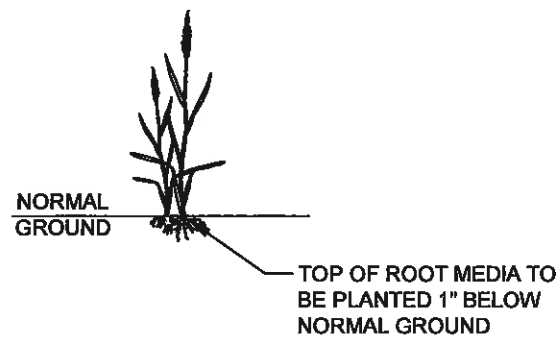
DATE: AUGUST 2013
 SHEET 3 OF 4



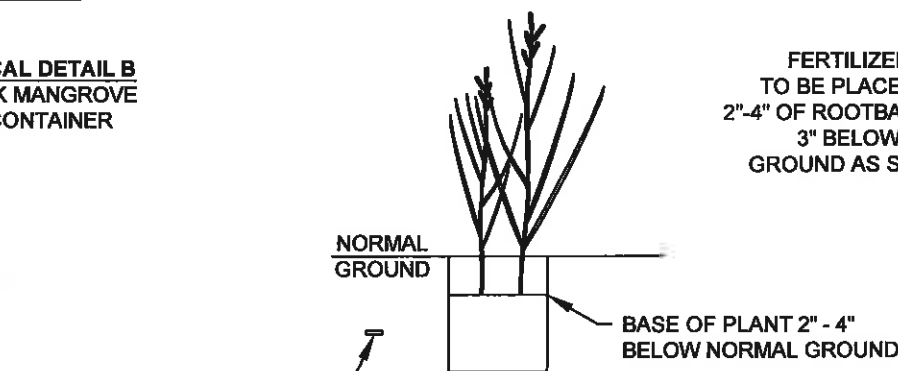
TYPICAL DETAIL B
 BLACK MANGROVE
 4" CONTAINER



TYPICAL DETAIL D
 BITTER PANICUM
 4" CONTAINER

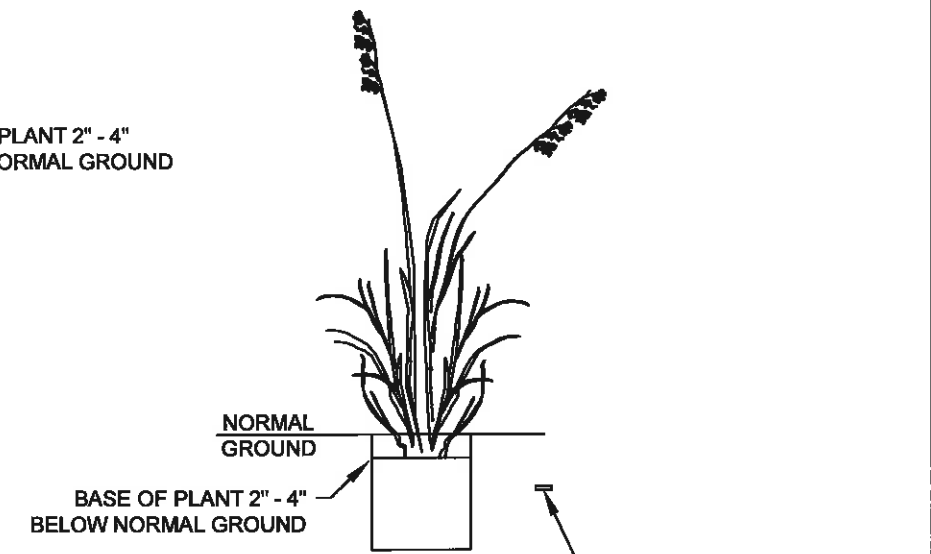


TYPICAL DETAIL A
 SMOOTH CORDGRASS
 PLUG



TYPICAL DETAIL C
 MARSHHAY CORDGRASS
 4" CONTAINER

FERTILIZER TABLET TO BE PLACED WITHIN 2"-4" OF ROOTBALL EDGE, 3" BELOW NORMAL GROUND AS SPECIFIED



TYPICAL DETAIL E
 SEA OATS
 GALLON CONTAINER

FERTILIZER TABLET TO BE PLACED WITHIN 2"-4" OF ROOTBALL EDGE, 3" BELOW NORMAL GROUND AS SPECIFIED

NOTES:

1. BLACK MANGROVE, MARSHHAY CORDGRASS, BITTER PANICUM, AND SEA OAT PLANTS ON THE DUNE SHALL BE PLANTED ON FIVE (5) FOOT CENTERS WITH ROWS TEN (10) FOOT APART.
2. SMOOTH CORDGRASS PLANTS ON THE CONTAINMENT DIKE SHALL BE PLANTED ON THREE (3) FOOT CENTERS WITH ROWS THREE (3) FOOT APART.
3. LOCATIONS OF PLANT ROWS ARE APPROXIMATE. SPECIES LOCATIONS ARE SUBJECT TO CHANGE DUE TO SITE CONDITIONS AND/OR CONSTRUCTION VARIABLES.

| REV. | DATE | DESCRIPTION | BY |
|------|------|-------------|----|
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COASTAL PROTECTION AND RESTORATION AUTHORITY

450 LAUREL STREET
 BATON ROUGE, LOUISIANA 70801

DRAWN BY: SHANE FAUST

DESIGNED BY: SHANE FAUST

SCOFIELD ISLAND RESTORATION VEGETATIVE PLANTINGS PROJECT

STATE PROJECT NUMBER: BA-40

FEDERAL PROJECT NUMBER: N/A

APPROVED BY: SHANNON HAYNES, P.E.

TYPICAL SECTION & DETAILS

DATE: AUGUST 2013

SHEET 4 OF 4