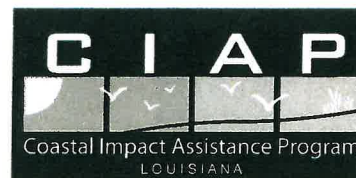
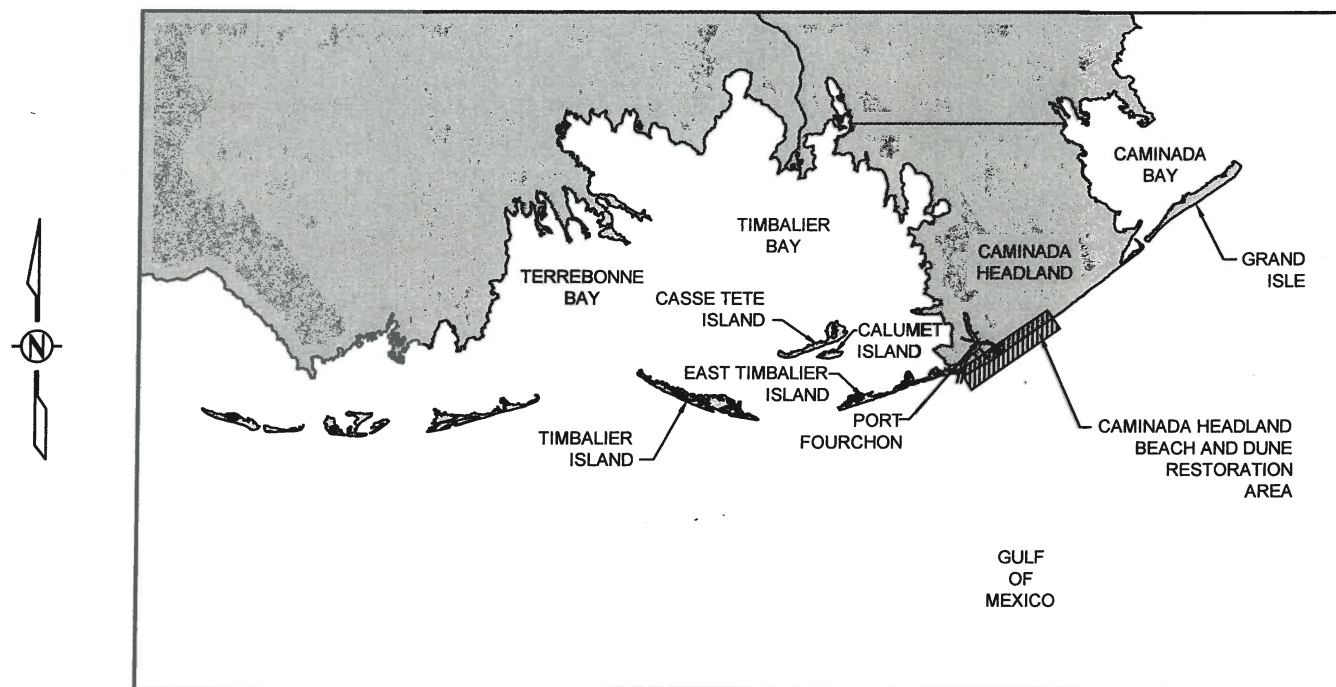
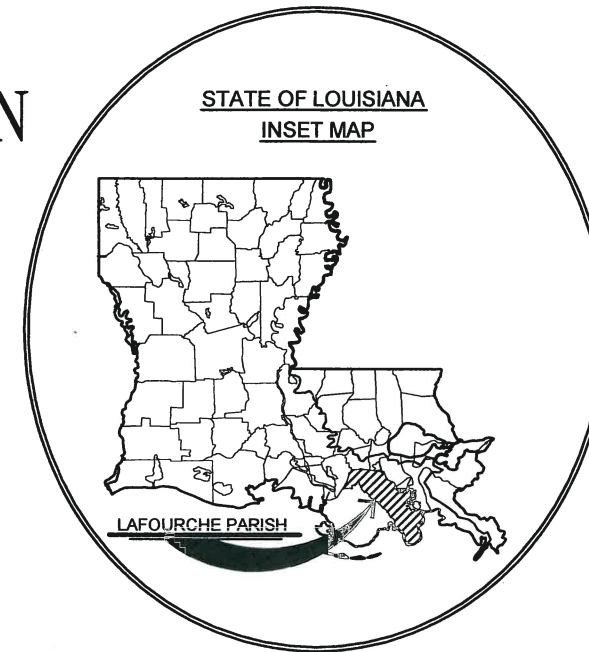


STATE OF LOUISIANA  
COASTAL PROTECTION AND RESTORATION AUTHORITY  
ENGINEERING DIVISION

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	GENERAL NOTES
3	PROJECT LAYOUT
4	TYPICAL SECTION & PLANTING DETAILS

CAMINADA HEADLAND BEACH AND DUNE RESTORATION  
VEGETATIVE PLANTINGS PROJECT  
BA-45  
LAFOURCHE PARISH, LOUISIANA



*Shane Faust*  
ENGINEER MANAGER

*Shannon Haynes*  
ENGINEER SUPERVISOR

*Shane Faust*  
PROJECT DESIGNER

LICENSURE CLASSIFICATION REQUIREMENTS

MAJOR CATEGORY: HEAVY CONSTRUCTION  
SUBCLASSIFICATION: LANDSCAPING, GRADING & BEAUTIFICATION

OR

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

COASTAL PROTECTION & RESTORATION AUTHORITY ENGINEERING DIVISION 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801				CAMINADA HEADLAND BEACH AND DUNE RESTORATION - VEGETATIVE PLANTINGS		TITLE SHEET	
				STATE PROJECT NUMBER: BA-45			
				FEDERAL PROJECT NUMBER: BA-45		DATE: MARCH 2014	
				APPROVED BY: SHANNON HAYNES, P.E.		SHEET 1 OF 4	
REV.	DATE	DESCRIPTION	BY	DRAWN BY: SHANE FAUST	DESIGNED BY: SHANE FAUST		

## 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 DUNE PLATFORM 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 TIDE STATION 8761724 AT GRAND ISLE, EAST POINT. 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.

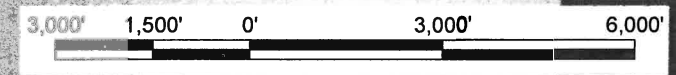
## SUMMARY OF ESTIMATED QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY
1	BITTER PANICUM FOUR-INCH CONTAINER	EACH	42,240
2	SEA OATS GALLON CONTAINER	EACH	21,120

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.

				<b>COASTAL PROTECTION AND RESTORATION AUTHORITY</b> 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801	CAMINADA HEADLAND BEACH AND DUNE RESTORATION - VEGETATIVE PLANTINGS	GENERAL NOTES	
							STATE PROJECT NUMBER: BA-45
					FEDERAL PROJECT NUMBER: BA-45		DATE: MARCH 2014
REV.	DATE	DESCRIPTION	BY		DRAWN BY: SHANE FAUST		DESIGNED BY: SHANE FAUST





**NOTES:**  
 1. BACKGROUND IMAGERY WAS TAKEN IN OCTOBER 2010.  
 2. CONTRACTOR SHALL AVOID PLANTING IN OR TRAVERSING WITHIN THE BIRD HABITAT AREAS.

LEGEND	
	DUNE AREA
	BIRD HABITAT AREA
	PARISH HIGHWAY

REV.	DATE	DESCRIPTION	BY

COASTAL PROTECTION AND RESTORATION AUTHORITY  
**ENGINEERING DIVISION**  
 450 LAUREL STREET  
 BATON ROUGE, LOUISIANA 70801

DRAWN BY: SHANE FAUST      DESIGNED BY: SHANE FAUST

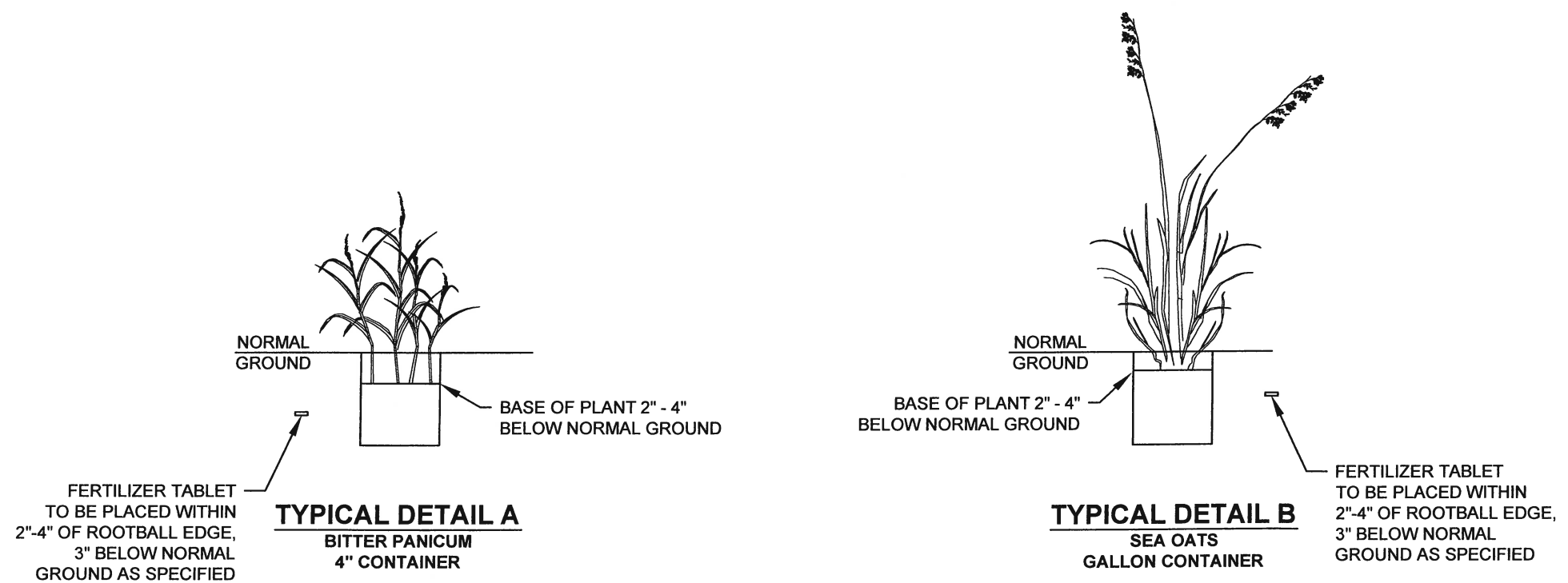
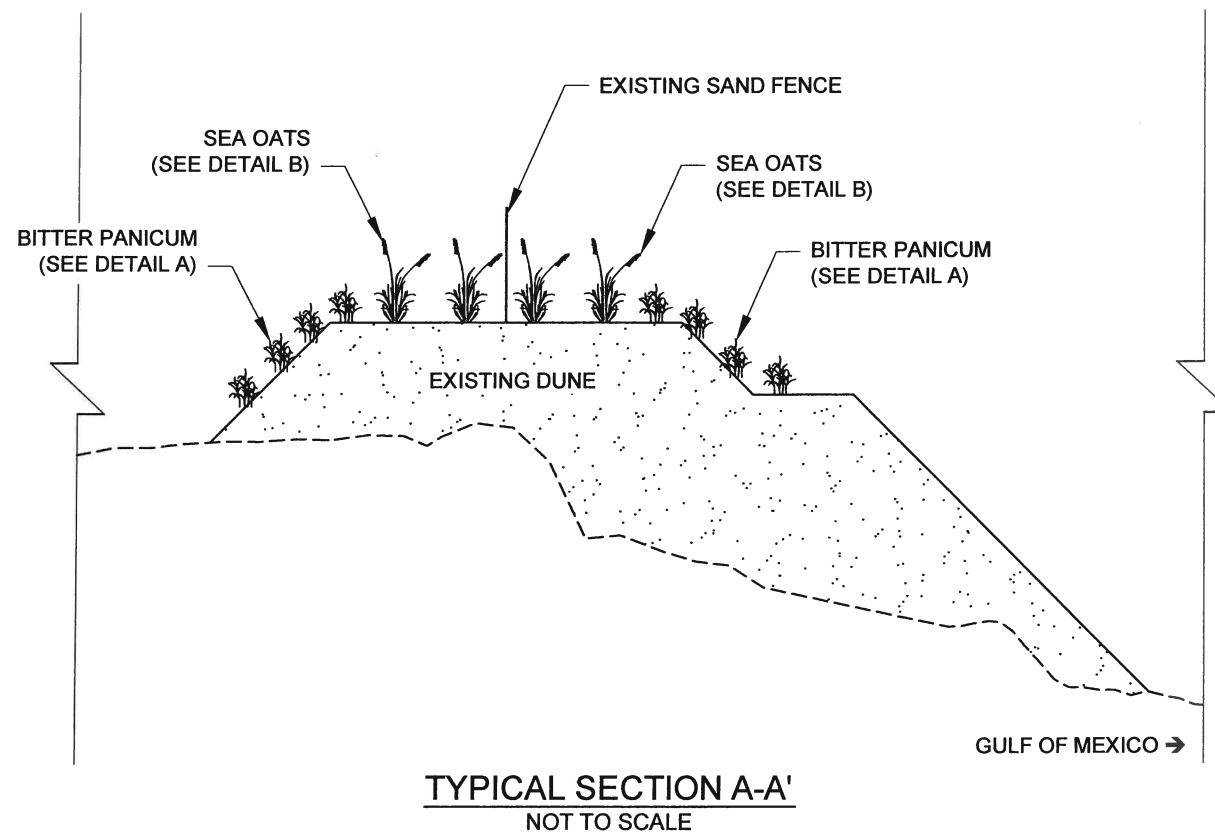
CAMINADA HEADLAND BEACH AND DUNE RESTORATION - VEGETATIVE PLANTINGS

STATE PROJECT NUMBER: BA-45  
 FEDERAL PROJECT NUMBER: BA-45

APPROVED BY: SHANNON HAYNES, P.E.

PROJECT LAYOUT

DATE: MARCH 2014  
 SHEET 3 OF 4



**NOTES:**

1. ALL PLANTS ON THE DUNE SHALL BE PLANTED ON FIVE (5) FOOT CENTERS WITH ROWS TEN (10) FOOT APART.
2. LOCATIONS OF PLANT ROWS ARE APPROXIMATE. SPECIES LOCATIONS ARE SUBJECT TO CHANGE DUE TO SITE CONDITIONS AND/OR CONSTRUCTION VARIABLES.

				COASTAL PROTECTION AND RESTORATION AUTHORITY <b>ENGINEERING DIVISION</b> 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801		CAMINADA HEADLAND BEACH AND DUNE RESTORATION - VEGETATIVE PLANTINGS		TYPICAL SECTION & PLANTING DETAILS	
						STATE PROJECT NUMBER: BA-45			
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REV.	DATE	DESCRIPTION	BY	DRAWN BY: SHANE FAUST	DESIGNED BY: SHANE FAUST	APPROVED BY: SHANNON HAYNES, P.E.		SHEET 4 OF 4	