

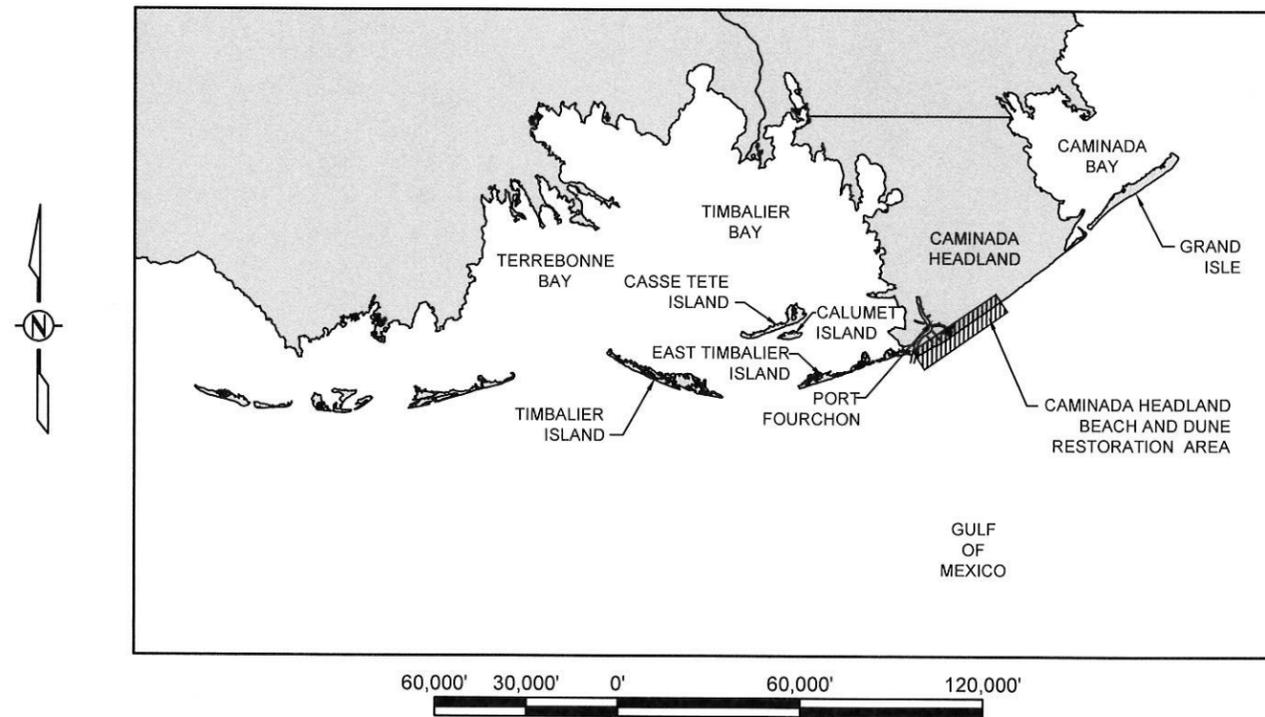
STATE OF LOUISIANA
COASTAL PROTECTION AND RESTORATION AUTHORITY
ENGINEERING DIVISION

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CAMINADA HEADLAND BEACH AND DUNE RESTORATION
VEGETATIVE PLANTINGS PROJECT

BA-45-2
LAFOURCHE PARISH, LOUISIANA



CHIEF, ENGINEERING DIVISION

ENGINEER SUPERVISOR

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-45-2			
						FEDERAL PROJECT NUMBER: BA-42--2		DATE: JUNE 2016	
REV.	DATE	DESCRIPTION	BY	DRAWN BY: SHANE FAUST	DESIGNED BY: SHANE FAUST	APPROVED BY: SHANNON HAYNES, P.E.		SHEET 1 OF 5	

GENERAL NOTES

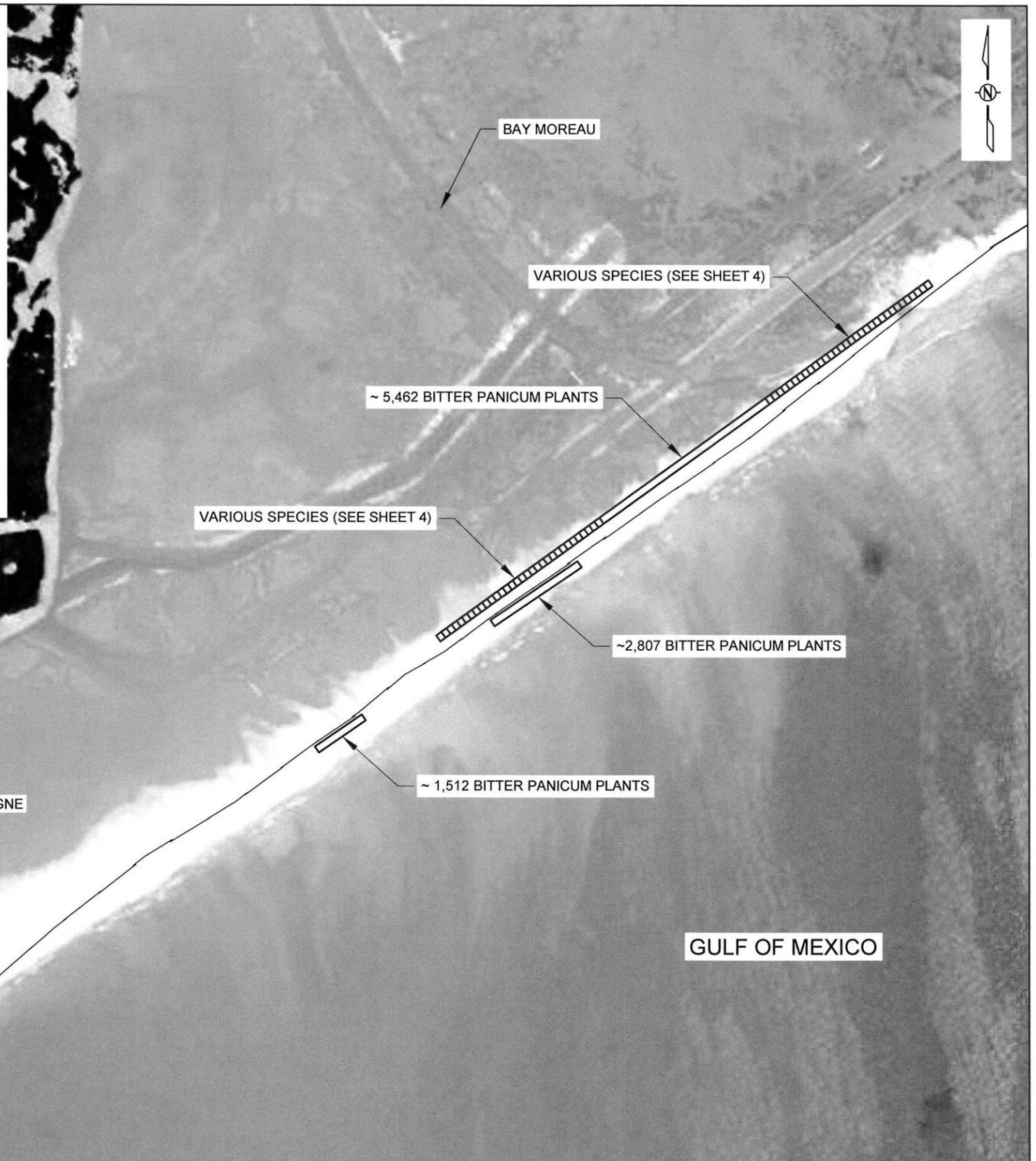
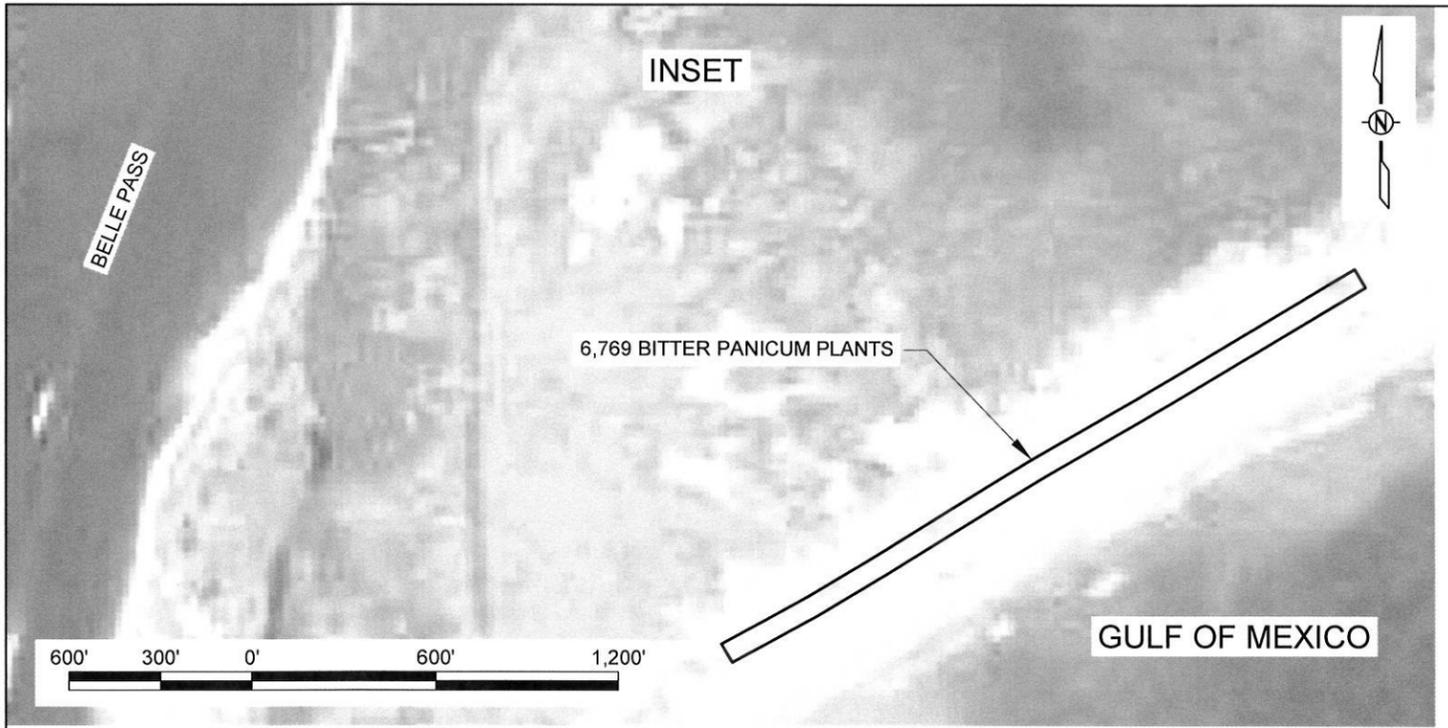
1. PLANS AND SPECIFICATIONS ARE COMPLEMENTARY; WHAT IS REQUIRED BY ONE IS BINDING AS IF REQUIRED BY ALL. CLARIFICATIONS AND INTERPRETATIONS OF, OR NOTIFICATIONS OF MINOR VARIATIONS AND DEVIATIONS IN THE CONTRACT DOCUMENTS, WILL BE ISSUED BY THE ENGINEER, IF NECESSARY.
2. EXACT LOCATION OF ALL PLANTS 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	18,940
2	MARSHHAY CORDGRASS FOUR-INCH CONTAINER	EACH	2,390
3	SEASHORE DROPSEED FOUR-INCH CONTAINER	EACH	2,390
4	GULF BLUESTEM FOUR-INCH CONTAINER	EACH	2,390

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.

					COASTAL PROTECTION AND RESTORATION AUTHORITY <small>450 LAUREL STREET BATON ROUGE, LOUISIANA 70801</small>	CAMINADA HEADLAND BEACH AND DUNE RESTORATION - VEGETATIVE PLANTINGS STATE PROJECT NUMBER: BA-45-2 FEDERAL PROJECT NUMBER: BA-45-2	GENERAL NOTES DATE: JUNE 2016
REV.	DATE	DESCRIPTION	BY	DRAWN BY: SHANE FAUST	DESIGNED BY: SHANE FAUST	APPROVED BY: SHANNON HAYNES, P.E.	SHEET 2 OF 5

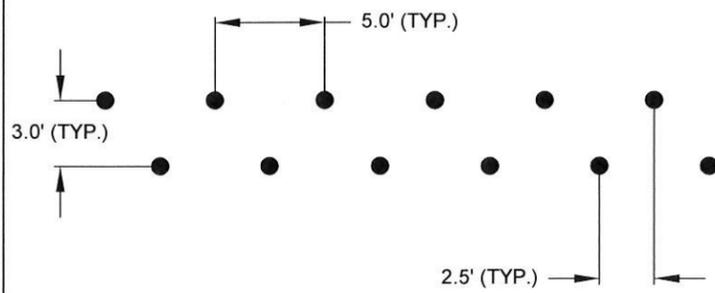


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						STATE PROJECT NUMBER: BA-45			
						FEDERAL PROJECT NUMBER: BA-45		DATE: JUNE 2016	
				DRAWN BY: SHANE FAUST		DESIGNED BY: SHANE FAUST		APPROVED BY: SHANNON HAYNES, P.E.	
REV.	DATE	DESCRIPTION	BY					SHEET 3 OF 5	

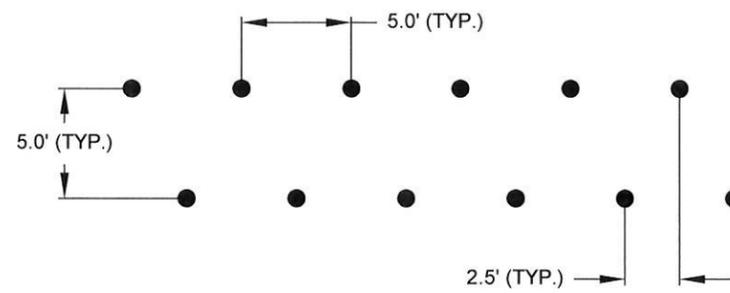
PLANTING AREA COORDINATES		
POINT	LONGITUDE	LATITUDE
A	3,654,807.42	227,838.58
B	3,654,904.97	227,908.47
C	3,655,002.51	227,978.37
D	3,655,100.05	228,048.26
E	3,655,197.59	228,118.16
F	3,655,295.14	228,188.06
G	3,655,392.68	228,257.95
H	3,655,490.22	228,327.85
I	3,655,587.76	228,397.74
J	3,655,685.31	228,467.64
K	3,655,782.85	228,537.53
L	3,655,880.39	228,607.43
M	3,655,977.93	228,677.33
N	3,656,075.48	228,747.22
O	3,656,173.02	228,817.12
P	3,656,270.56	228,887.01
Q	3,656,368.11	228,956.91
R	3,657,953.74	230,093.13
S	3,658,002.52	230,128.08
T	3,658,100.06	230,197.97
U	3,658,197.60	230,267.87
V	3,658,295.14	230,337.76
W	3,658,392.69	230,407.66
X	3,658,490.23	230,477.55
Y	3,658,587.77	230,547.45
Z	3,658,685.31	230,617.35
AA	3,658,782.86	230,687.24
BB	3,658,880.40	230,757.14
CC	3,658,977.94	230,827.03
DD	3,659,075.48	230,896.93
EE	3,659,173.03	230,966.83
FF	3,659,270.57	231,036.72
GG	3,659,368.11	231,106.62
HH	3,659,465.65	231,176.51



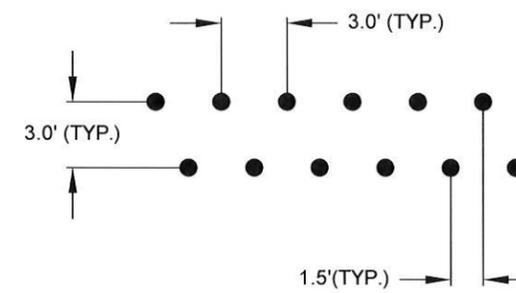
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								SHEET 4 OF 5	



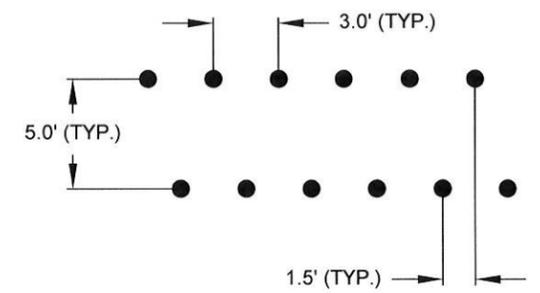
TYPICAL VEGETATION PLAN 1
PLANTING LAYOUT



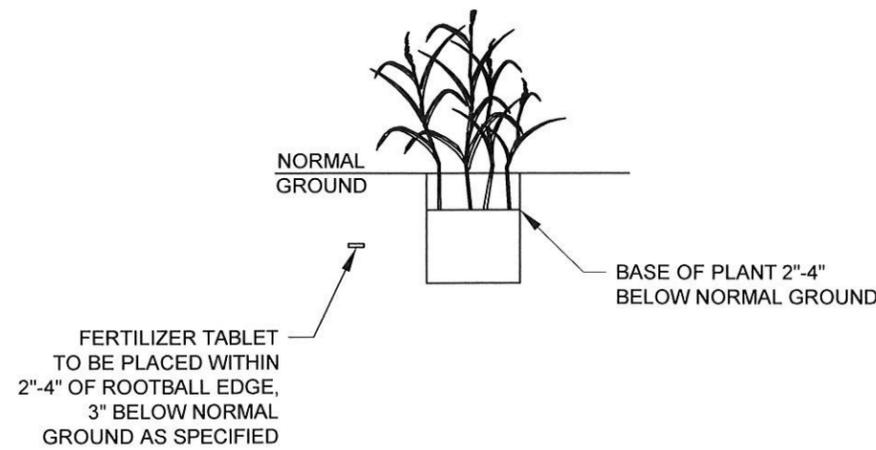
TYPICAL VEGETATION PLAN 2
PLANTING LAYOUT



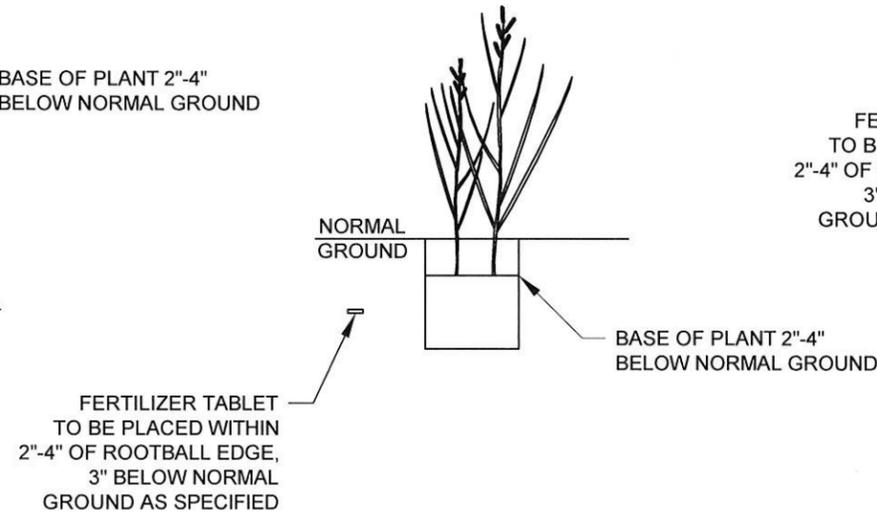
TYPICAL VEGETATION PLAN 3
PLANTING LAYOUT



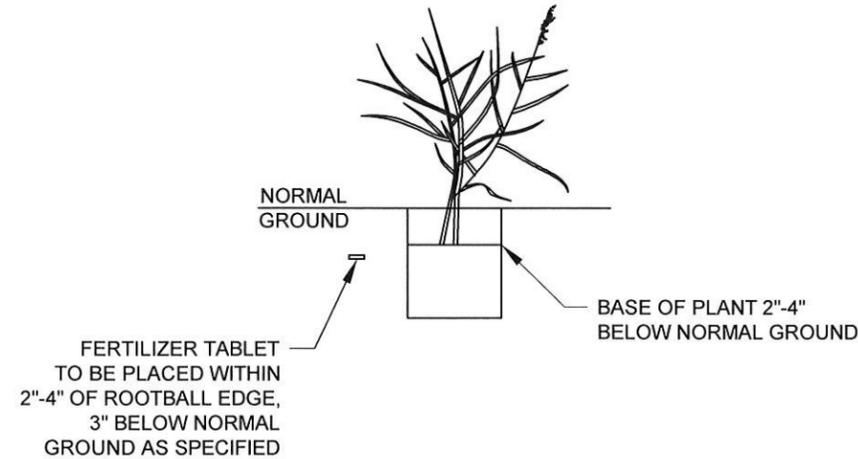
TYPICAL VEGETATION PLAN 4
PLANTING LAYOUT



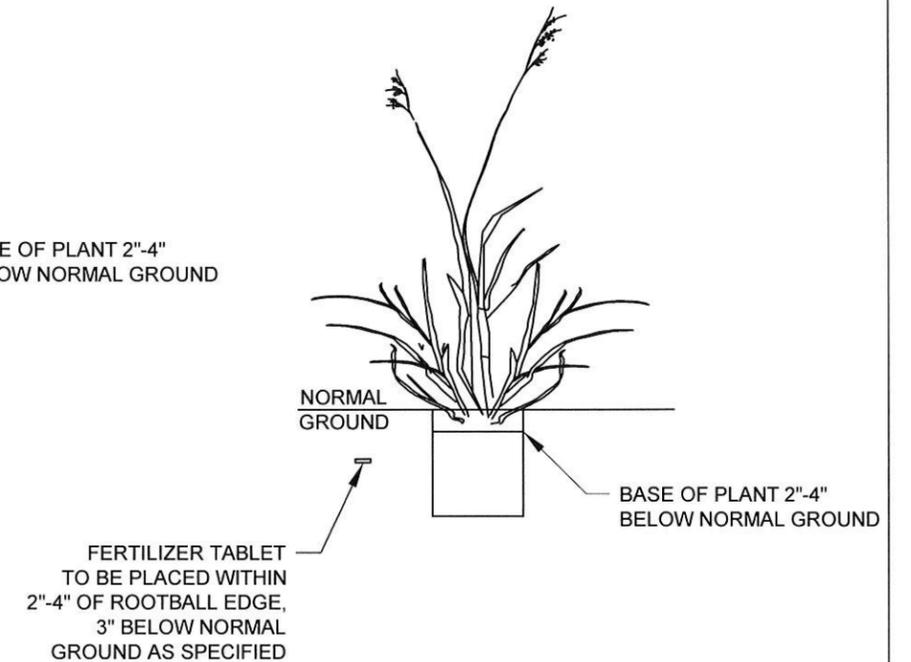
TYPICAL DETAIL A
BITTER PANICUM
4" CONTAINER



TYPICAL DETAIL B
MARSHHAY CORDGRASS
4" CONTAINER



TYPICAL DETAIL C
SEASHORE DROPSEED
4" CONTAINER



TYPICAL DETAIL D
SEACOAST BLUESTEM
4" CONTAINER

NOTES:

- BITTER PANICUM PLANTS SHALL BE PLANTED ON FIVE (5) FOOT CENTERS WITH ROWS FIVE (5) FOOT APART.
- BITTER PANICUM, MARSHHAY CORDGRASS, SEASHORE DROPSEED, AND SEACOAST BLUESTEM PLANTS SHALL BE PLANTED IN GRIDS AS SHOWN ON FIVE (5) FOOT CENTERS WITH ROWS FIVE (5) FOOT APART, ON THREE (3) FOOT CENTERS WITH ROWS FIVE (5) FOOT APART, ON FIVE FOOT (5) CENTERS WITH ROWS THREE (3) FOOT APART, AND ON THREE (3) FOOT CENTERS WITH ROWS THREE (3) FOOT APART.
- LOCATION OF PLANT ROWS ARE APPROXIMATE. SPECIES LOCATIONS ARE SUBJECT TO CHANGE DUE TO SITE CONDITIONS AND/OR CONSTRUCTION VARIABLES.

				COASTAL PROTECTION AND RESTORATION AUTHORITY		CAMINADA HEADLAND BEACH AND DUNE RESTORATION - VEGETATIVE PLANTINGS		PLANTING LAYOUTS AND DETAILS	
				450 LAUREL STREET BATON ROUGE, LOUISIANA 70801					
						STATE PROJECT NUMBER: BA-45-2			
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