

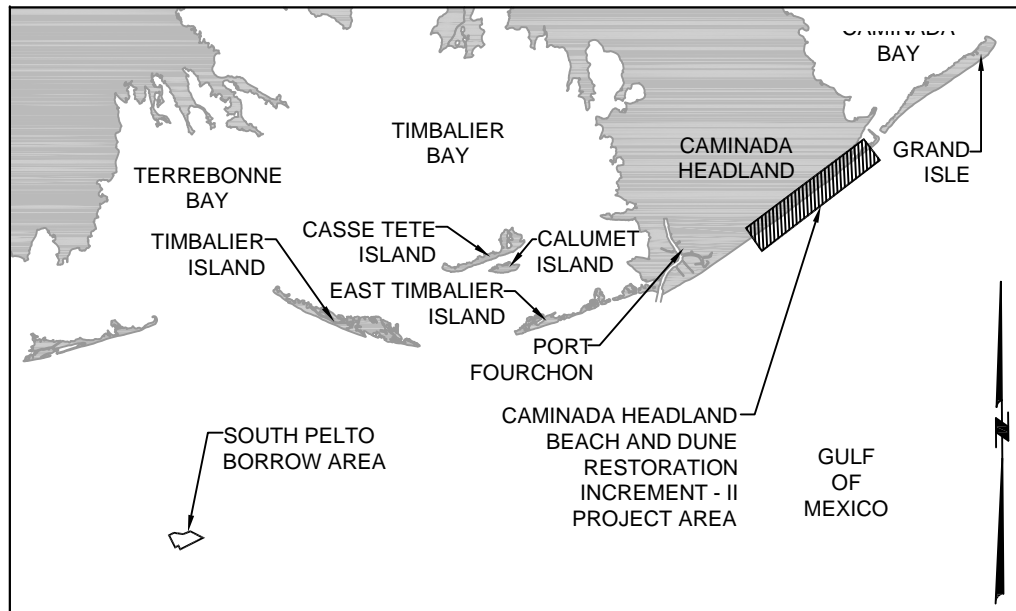
STATE OF LOUISIANA
COASTAL PROTECTION AND RESTORATION AUTHORITY

CAMINADA HEADLAND BEACH AND DUNE RESTORATION
INCREMENT - II

STATE PROJECT NO. BA-45
LAFOURCHE & JEFFERSON PARISHES, LOUISIANA
PERMIT (MVN-2012-#####-WPP)

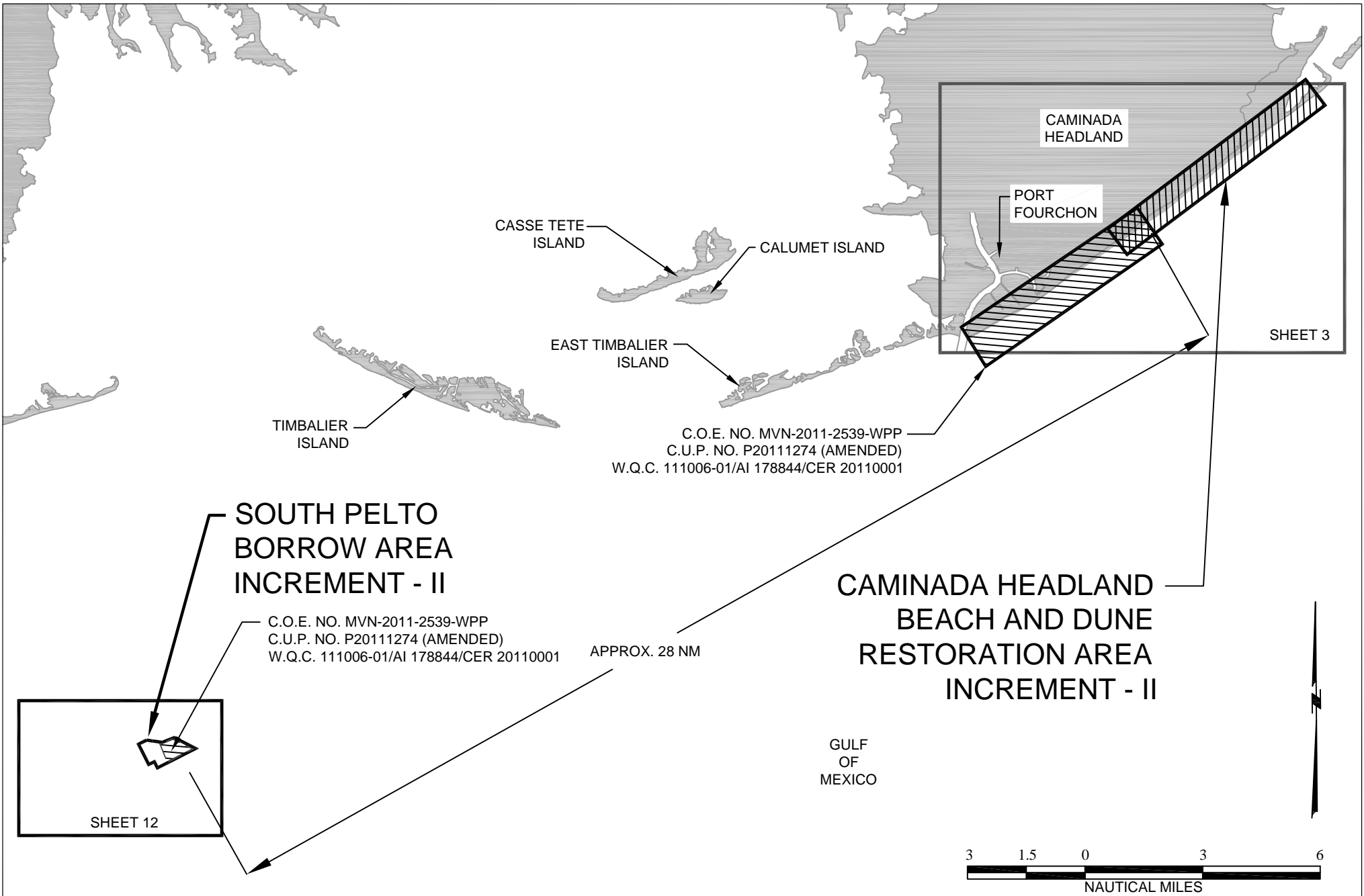
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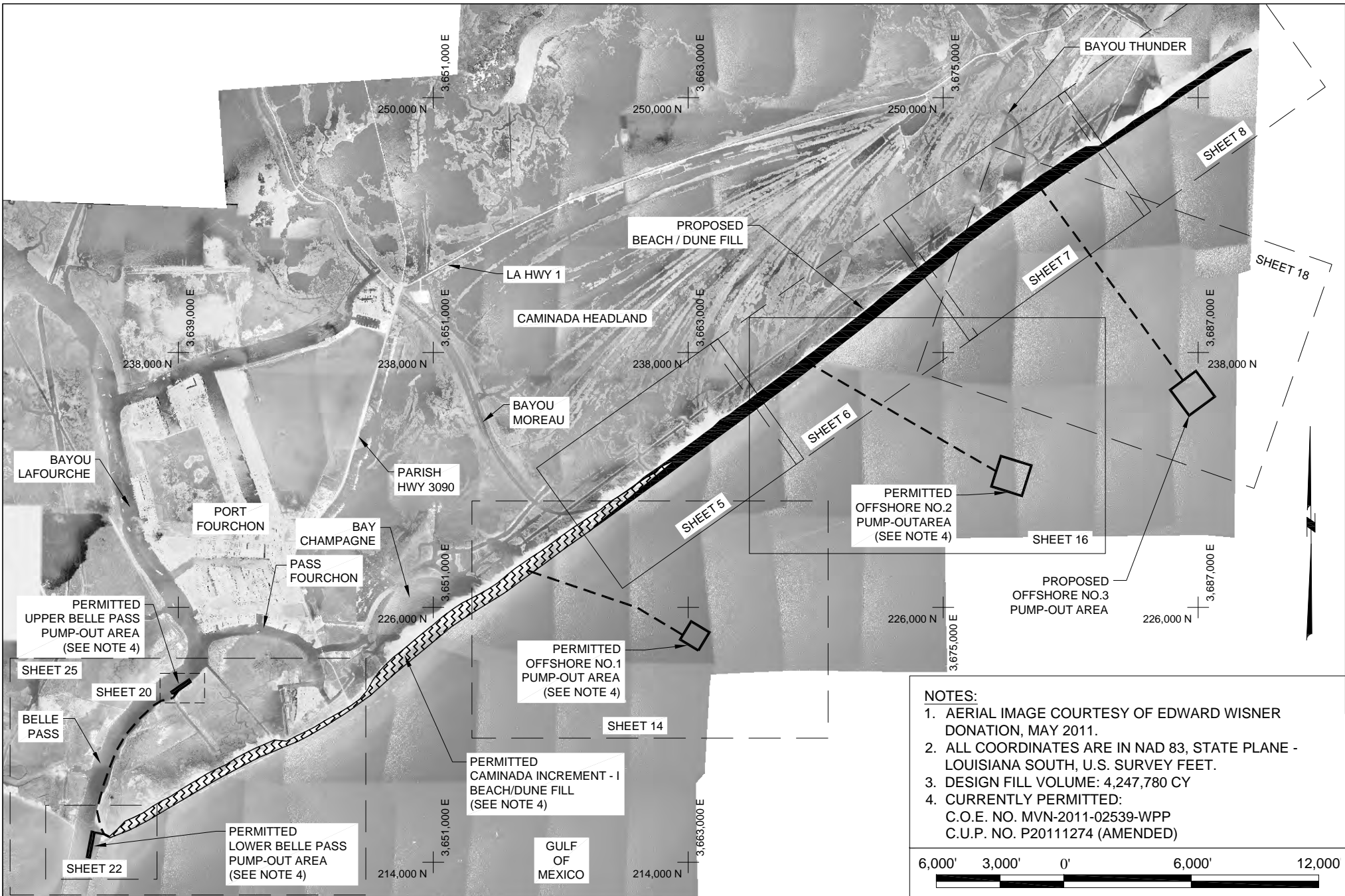


THIS DRAWING SET IS FOR PERMITTING PURPOSES ONLY AND IS NOT TO BE USED FOR CONSTRUCTION

BY	DESCRIPTION	DATE			
			COASTAL ENGINEERING CONSULTANTS, INC	COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801	CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II TITLE SHEET
					STATE PROJECT NUMBER: BA-45 DATE: AUGUST, 2012
DRAWN BY: STEVE DARTEZ			DESIGNED BY: MICHAEL T. POFF, P.E.	APPROVED BY: SHANNON HAYNES, P.E.	FEDERAL PROJECT NUMBER: BA-45 SHEET 1 OF 34

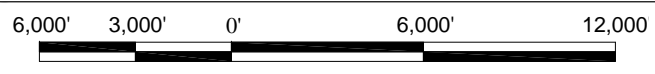


BY	DESCRIPTION	DATE			CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II	PROJECT OVERVIEW
			 COASTAL ENGINEERING CONSULTANTS, INC.	COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801	STATE PROJECT NUMBER: BA-45	DATE: AUGUST, 2012
					FEDERAL PROJECT NUMBER: BA-45	SHEET 2 OF 34
DRAWN BY: STEVE DARTEZ			DESIGNED BY: MICHAEL T. POFF, P.E.	APPROVED BY: SHANNON HAYNES, P.E.		



NOTES:

1. AERIAL IMAGE COURTESY OF EDWARD WISNER DONATION, MAY 2011.
2. ALL COORDINATES ARE IN NAD 83, STATE PLANE - LOUISIANA SOUTH, U.S. SURVEY FEET.
3. DESIGN FILL VOLUME: 4,247,780 CY
4. CURRENTLY PERMITTED:
C.O.E. NO. MVN-2011-02539-WPP
C.U.P. NO. P20111274 (AMENDED)



BY	DESCRIPTION	DATE

COASTAL ENGINEERING CONSULTANTS, INC

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


CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II	HEADLAND OVERVIEW
STATE PROJECT NUMBER: BA-45	DATE: AUGUST, 2012

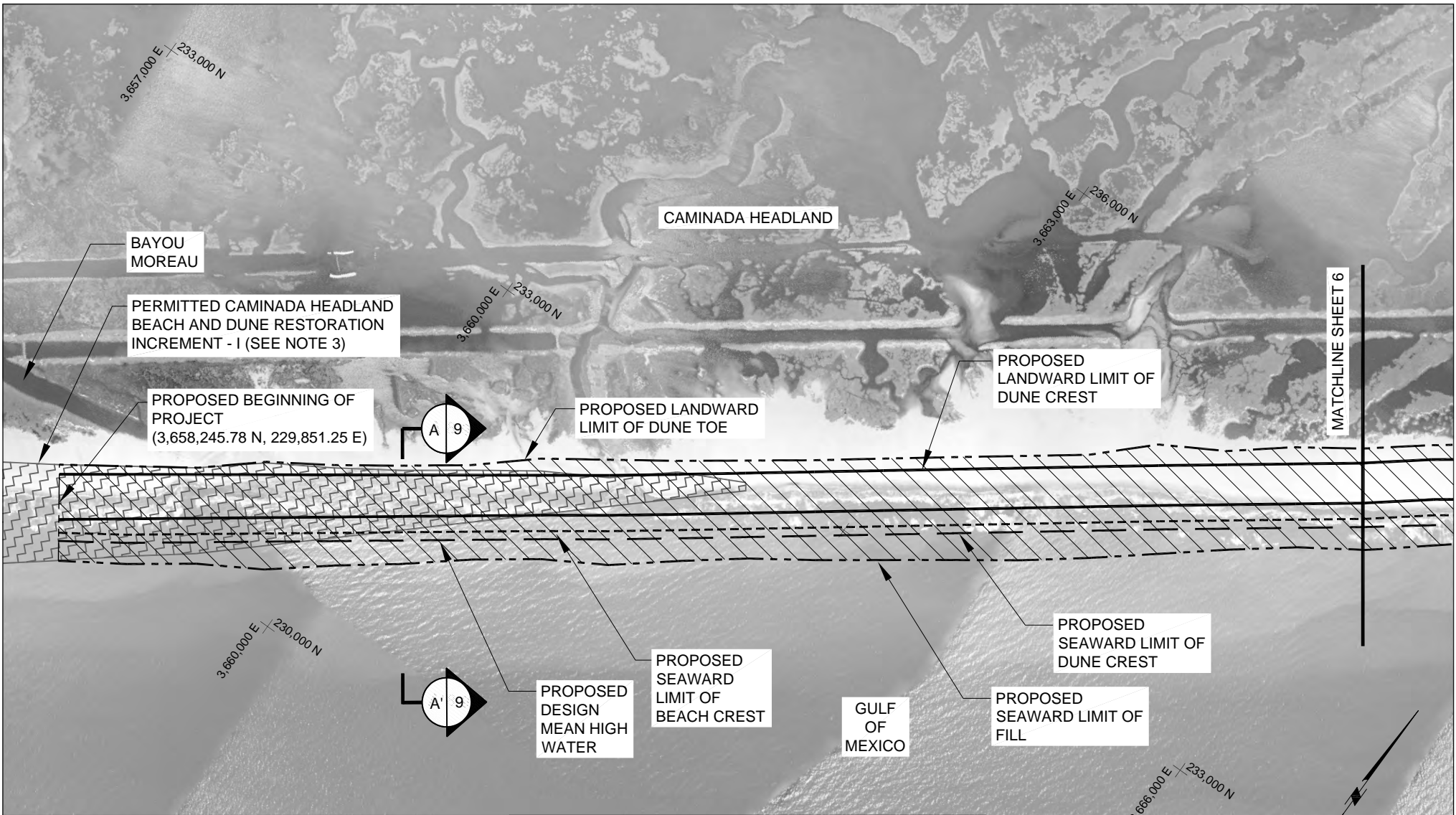
GENERAL NOTES:

1. ANY EXCAVATED MATERIAL WILL BE, TO THE BEST OF KNOWLEDGE, FREE OF CONTAMINANTS AND/OR WILL BE DISPOSED OF IN AN APPROVED LANDFILL.
2. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE SITE, CONSTRUCTION PLANS, AND CONTRACT DOCUMENTS AND SHALL CONDUCT WORK IN STRICT ACCORDANCE WITH ALL PERMITS AND APPROVALS OBTAINED FOR THIS PROJECT. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY ERRORS OR DISCREPANCIES IN THE PLANS PRIOR TO BIDDING.
3. ALL AERIAL IMAGERY COURTESY OF EDWARD WISNER DONATION, MAY 2011 AND MAY NOT BE INDICATIVE OF CURRENT CONDITIONS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING PIPELINE AND UTILITY OPERATORS AT TIME OF CONSTRUCTION. ALL PIPELINES AND UNDERGROUND UTILITIES SHALL BE FIELD LOCATED AND MARKED.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LOUISIANA ONE CALL SYSTEM (1-800-272-3020) A MINIMUM OF 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION (DIGGING, DREDGING, JETTING, ETC.) OR DEMOLITION ACTIVITY. THE CONTRACTOR SHALL ALSO NOTIFYING PIPELINE AND UTILITY OPERATORS 72 HOURS PRIOR TO ANY EXCAVATION.
6. THE WATER BOTTOM SHALL NOT BE DISTURBED DURING ACCESS TO THE PROPOSED WORK LOCATION, OR BY THE AUTHORIZED ACTIVITIES WHETHER IT BE BY DREDGING, WHEEL WASHING , PROPWASHING, JETTING, MUCKING, PLOWING, BULL DOZING OR ANY MEANS OF MOVING BOTTOM MATERIAL, EXCEPT AS DEPICTED ON THE PERMIT SHEETS. POWERED VESSELS SHALL BE OPERATED SO AS NOT TO DISTURB THE WATER BOTTOM BY PROPELLER OR JET ACTION.
7. ALL LOGS, STUMPS, AND OTHER DEBRIS UNEARTHED DURING DREDGING SHALL BE REMOVED TO AN APPROVED OFFSITE DISPOSAL AREA.
8. THE CONTRACTOR MUST INSTALL AND MAINTAIN ANY SAFETY LIGHTS, SIGNS, AND SIGNALS PRESCRIBED BY THE U.S. COAST GUARD, THROUGH REGULATIONS OR OTHERWISE ON THE AUTHORIZED FACILITIES.
9. 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.
10. PIPELINES IN OPEN WATER AND/OR NAVIGABLE WATERS SHALL BE MARKED WITH BUOYS BY THE CONTRACTOR IN ACCORDANCE WITH TECHNICAL SPECIFICATIONS. THE CONTRACTOR SHALL MAINTAIN BUOYS DURING CONSTRUCTION OR HAVE ADEQUATE NAVIGATIONAL EQUIPMENT ON THE DREDGE TO AVOID DREDGING IN RESTRICTED AREAS.
11. THE PROPOSED PROJECT AND ANY FUTURE MAINTENANCE WORK INVOLVING THE USE OF FLOATING CONSTRUCTION EQUIPMENT (BARGE MOUNTED CRANES, BARGE MOUNTED PILE DRIVING EQUIPMENT, FLOATING DREDGE EQUIPMENT, DREDGE DISCHARGE PIPELINES, ETC.) IN FEDERAL WATERS, SHALL NOTIFY THE U.S. COAST GUARD SO THAT A NOTICE TO MARINERS, IF REQUIRED, MAY BE PREPARED. NOTIFICATION, WITH A COPY OF THE PERMIT APPROVAL AND DRAWINGS, SHALL BE MAILED TO THE U.S. COAST GUARD, SECTOR NEW ORLEANS COMMAND CENTER, 201 HAMMOND HIGHWAY, METAIRIE, LOUISIANA 70005, 30 DAYS BEFORE COMMENCEMENT OF WORK.
12. THE TEMPORARY UPLAND CONSTRUCTION ACCESS AREAS ARE INDICATED ON THE PERMIT SHEETS 27 THROUGH 29. USE OF THESE AREAS SHALL BE COORDINATED WITH THE PARISH AND PROJECT ENGINEER. THE CONTRACTOR SHALL BE REQUIRED TO CONFINE HIS/HER PLANT, EQUIPMENT, AND OPERATIONS OF PERSONNEL TO AREAS PERMITTED BY LAW, ORDINANCES, PERMITS, AND THE REQUIREMENTS OF THE CONSTRUCTION CONTRACT DOCUMENTS, AND SHALL NOT UNREASONABLY ENCUMBER THE PREMISES WITH PLANT OR EQUIPMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREPARATION AND RESTORATION OF THE TEMPORARY CONSTRUCTION ACCESS AREA. THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT A CONSTRUCTION ACCESS PLAN AND CONSTRUCTION ACCESS RESTORATION PLAN PRIOR TO ITS USAGE. THE TEMPORARY CONSTRUCTION ACCESS AREAS SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS AS PART OF DEMOBILIZATION.
13. THE CONTRACTOR SHALL FOLLOW CONVEYANCE CORRIDORS, REMAIN WITHIN THE TEMPORARY CONSTRUCTION ACCESS AND STAGING AREAS, AND / OR FILL TEMPLATES, AND SHALL NOT, AT ANY TIME, TRAVEL ON EXISTING MARSH OR VEGETATED WETLANDS UNLESS SPECIFIED IN THE PERMIT OR THROUGH WRITTEN DIRECTION FROM ENGINEER.
14. THE CONTRACTOR SHALL TAKE PARTICULAR CARE WHEN WORKING IN THE VICINITY OF THE BELLE PASS JETTIES. ANY DAMAGE RESULTING FROM THE CONTRACTORS ACTIVITIES SHALL BE REPAIRED TO THE SATISFACTION OF THE U.S. ARMY CORPS OF ENGINEERS BY THE CONTRACTOR PRIOR TO DEMOBILIZATION. ALL COST ASSOCIATED WITH REPAIRS TO THE BELLE PASS JETTIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
15. IF THE CONTRACTOR ELECTS TO UTILIZE THE UPPER AND/OR LOWER BELLE PASS PUMP-OUT AREAS, THE CONTRACTOR SHALL CONDUCT PRE- AND POST-CONSTRUCTION MONITORING SURVEYS OF THE NAVIGATION CHANNEL IMMEDIATELY ADJACENT TO THIS WORK AREA(S). ANY RESULTANT SHOALING OF THE CHANNEL IN THIS VICINITY AS A RESULT OF CONTRACTOR ACTIVITIES SHALL BE REMOVED AND THE CHANNEL RESTORED TO PRE-CONSTRUCTION CONDITIONS PRIOR TO DEMOBILIZATION. ALL COST ASSOCIATED WITH SHOAL REMOVAL SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
16. THE CONTRACTOR SHALL WORK COOPERATIVELY WITH THE OWNER TO ADDRESS THE NOTIFICATION AND COORDINATION REQUIREMENTS WITH THE LANDOWNERS, UTILITY OPERATORS, AND PIPELINE COMPANIES.
17. AS-BUILT DRAWINGS AND/OR PLATS SHALL HAVE WRITTEN ON THEM THE DATE OF COMPLETION OF SAID ACTIVITIES AND SHALL BE SUBMITTED TO THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES, OFFICE OF COASTAL MANAGEMENT, P.O. BOX 44487, BATON ROUGE, LA 70804-4487 WITHIN 30 DAYS FOLLOWING PROJECT COMPLETION.
18. ALL STRUCTURES, FACILITIES, WELL AND PIPELINE/FLOWLINES OCCURRING IN OPEN WATER AREAS OR IN OILFIELD CANALS OR SLIPS SHALL BE REMOVED WITHIN 120 DAYS OF ABANDONMENT OR THE FACILITIES FOR THE HEREIN PERMITTED USE UNLESS PRIOR WRITTEN APPROVAL TO LEAVE SUCH STRUCTURES IN PLACE IS RECEIVED FROM THE OFFICE OF COASTAL MANAGEMENT. THIS CONDITION DOES NOT PRECLUDE THE NECESSITY FOR REVISING THE CURRENT PERMIT OR OBTAINING A SEPARATE COASTAL USE PERMIT, SHOULD ONE BE REQUIRED.
19. THIS DRAWING SET IS FOR PERMITTING PURPOSES ONLY AND IS NOT TO BE USED FOR CONSTRUCTION.





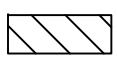

SURVEY NOTES:

1. ALL COORDINATES ARE NAD 83 (GEOID 09), LOUISIANA STATE PLANE, SOUTHERN ZONE, U.S. SURVEY FEET.
2. ALL ELEVATIONS ARE IN NAVD88, U.S. SURVEY FEET UNLESS OTHERWISE SPECIFIED.
3. ALL BORROW AREA SURVEYS PERFORMED BY OCEAN SURVEYS, INC., 2011.
4. ALL BELLE PASS CONVEYANCE CORRIDORS AND PUMP-OUT AREAS SURVEYS PERFORMED BY PICCIOA & ASSOCIATES, INC. AND COASTAL ENGINEERING CONSULTANTS, INC., 2011. OFFSHORE CONVEYANCE CORRIDORS AND PUMP-OUT AREAS SURVEYS PERFORMED BY OCEAN SURVEYS, INC. 2012.
5. ALL HEADLAND SURVEYS PERFORMED BY PICCIOLA & ASSOCIATES, INC., 2010.
6. INFORMATION SHOWN HERE IN REFLECTS CONDITIONS AS THEY EXISTED ON THE SURVEY DATE SHOWN AND CAN ONLY BE CONSIDERED INDICATIVE OF CONDITIONS AT THAT TIME.

BY	DESCRIPTION	DATE		COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801	CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II	GENERAL NOTES
					STATE PROJECT NUMBER: BA-45	DATE: AUGUST, 2012
DRAWN BY: STEVE DARTEZ			DESIGNED BY: MICHAEL T. POFF, P.E.	APPROVED BY: SHANNON HAYNES, P.E.	FEDERAL PROJECT NUMBER: BA-45	SHEET 4 OF 34



LEGEND

	DUNE CREST		TOE OF FILL
	BEACH CREST		DESIGN MHW
	PROPOSED FILL AREA		PERMITTED FILL AREA

NOTES:

1. AERIAL IMAGE COURTESY OF EDWARD WISNER DONATION, MAY 2011.
2. ALL COORDINATES ARE IN NAD 83, STATE PLANE - LOUISIANA SOUTH, US SURVEY FT.
3. CURRENTLY PERMITTED:
C.O.E. NO. MVN-2011-02539-WPP
C.U.P. NO. P20111274 (AMENDED)



BY	DESCRIPTION	DATE



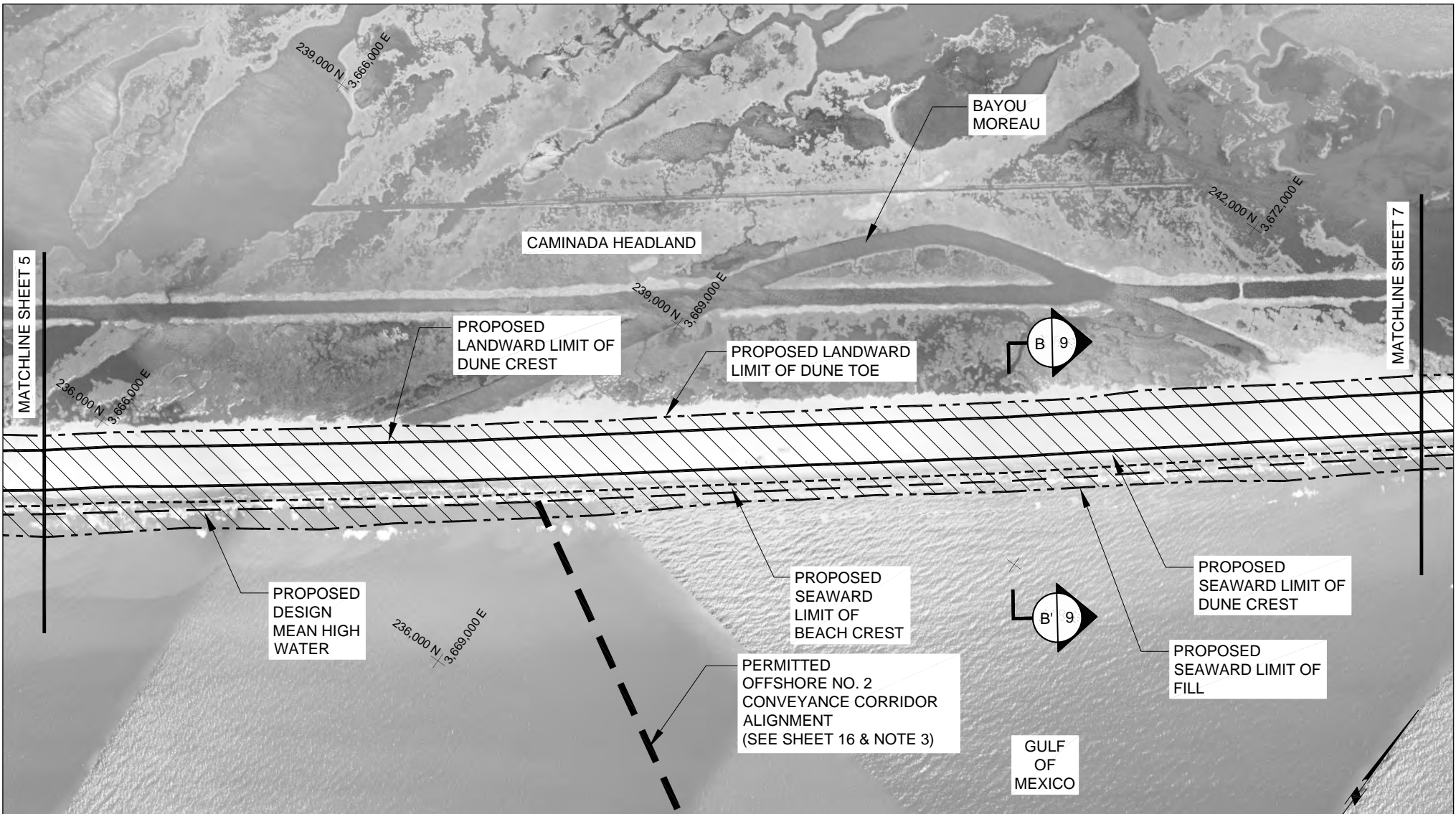
COASTAL PROTECTION AND RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II	CAMINADA HEADLAND PLAN VIEW STATION 275+00 TO 370+00
STATE PROJECT NUMBER: BA-45	DATE: AUGUST, 2012
FEDERAL PROJECT NUMBER: BA-45	SHEET 5 OF 34

DRAWN BY: STEVE DARTEZ

DESIGNED BY: MICHAEL T. POFF, P.E.

APPROVED BY: SHANNON HAYNES, P.E.



LEGEND

- DUNE CREST - - - - TOE OF FILL
- - - - BEACH CREST ——— DESIGN MHW
- PROPOSED FILL AREA

NOTES:

1. AERIAL IMAGE COURTESY OF EDWARD WISNER DONATION, MAY 2011.
2. ALL COORDINATES ARE IN NAD 83, STATE PLANE - LOUISIANA SOUTH, US SURVEY FT.
3. CURRENTLY PERMITTED AS OFFSHORE WEST:
C.O.E. NO. MVN-2011-02539-WPP
C.U.P. NO. P20111274 (AMENDED)



BY	DESCRIPTION	DATE



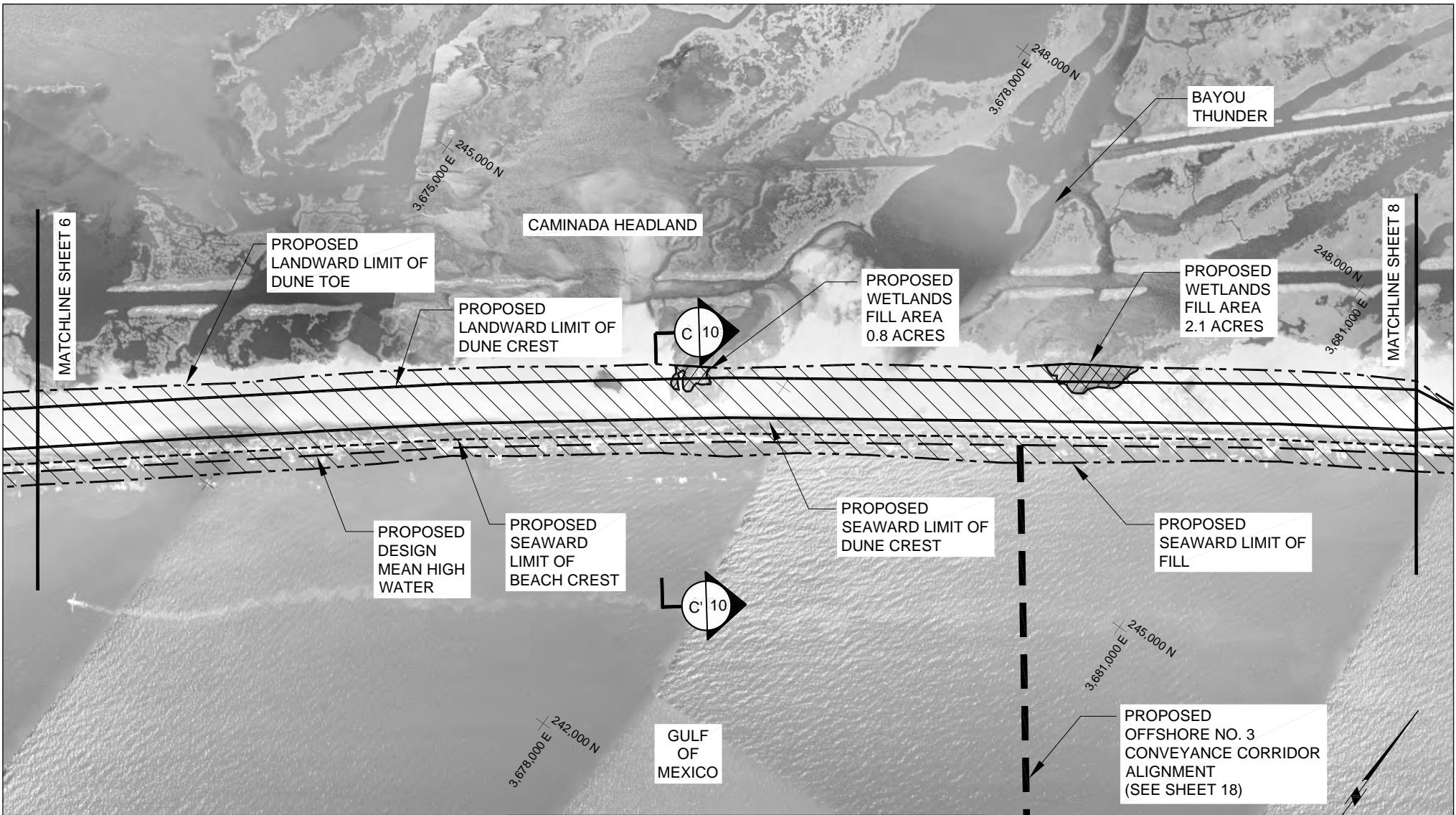
COASTAL PROTECTION AND RESTORATION AUTHORITY
450 LAUREL STREET
BATON ROUGE, LOUISIANA 70801

CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II	CAMINADA HEADLAND PLAN VIEW STATION 370+00 TO 470+00
STATE PROJECT NUMBER: BA-45	DATE: AUGUST, 2012
FEDERAL PROJECT NUMBER: BA-45	SHEET 6 OF 34

DRAWN BY: STEVE DARTEZ

DESIGNED BY: MICHAEL T. POFF, P.E.

APPROVED BY: SHANNON HAYNES, P.E.



LEGEND

	DUNE CREST		TOE OF FILL
	BEACH CREST		DESIGN MHW
	PROPOSED FILL AREA		PROPOSED WETLANDS FILL AREA

NOTES:

1. AERIAL IMAGE COURTESY OF EDWARD WISNER DONATION, MAY 2011.
2. ALL COORDINATES ARE IN NAD 83, STATE PLANE - LOUISIANA SOUTH, US SURVEY FT.



BY	DESCRIPTION	DATE



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

CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II

CAMINADA HEADLAND PLAN VIEW
STATION 470+00 TO 570+00

STATE PROJECT NUMBER: BA-45

DATE: AUGUST, 2012

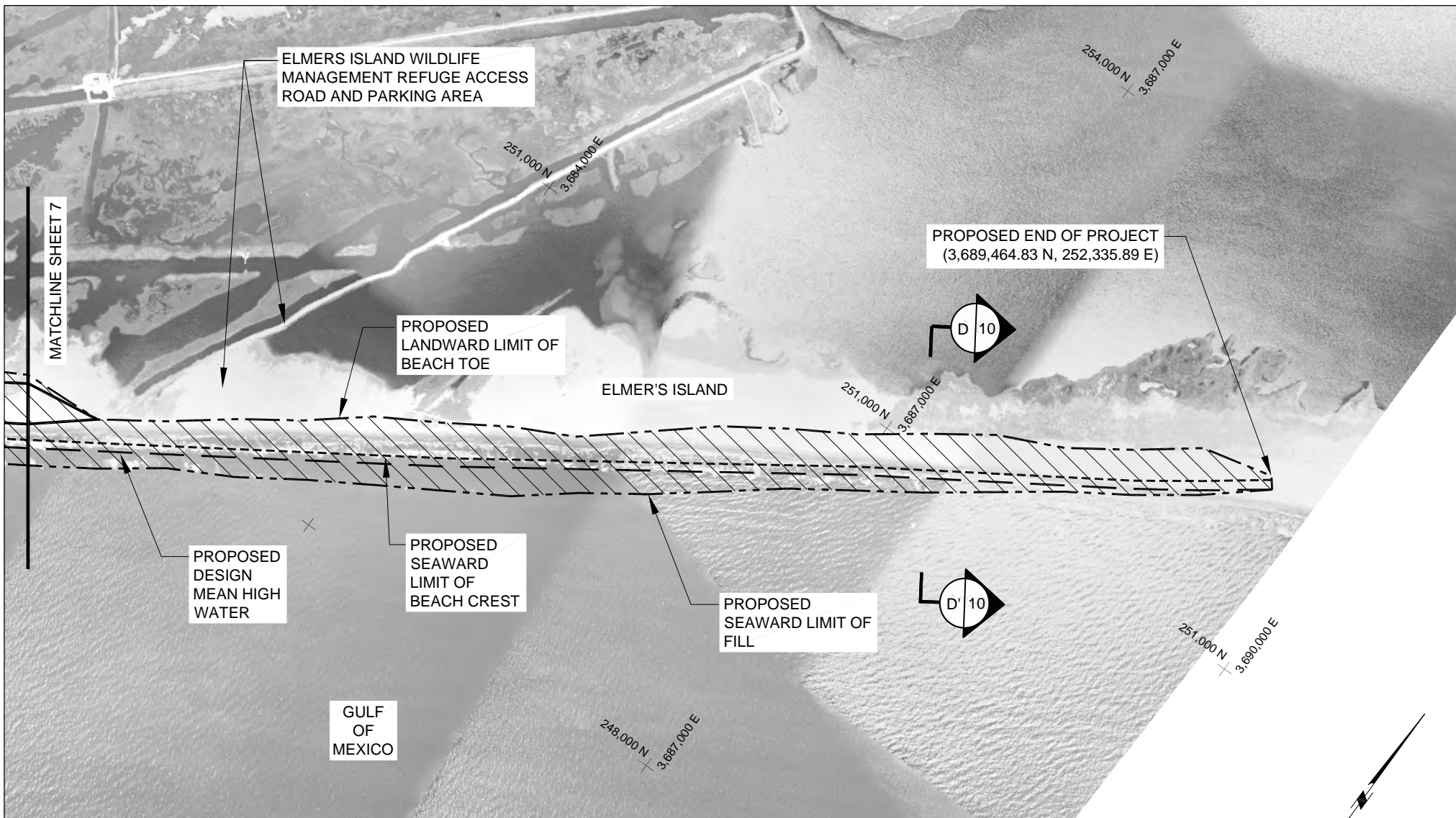
DRAWN BY: STEVE DARTEZ

DESIGNED BY: MICHAEL T. POFF, P.E.

APPROVED BY: SHANNON HAYNES, P.E.

FEDERAL PROJECT NUMBER: BA-45

SHEET 7 OF 34



LEGEND

- DUNE CREST - - - - - TOE OF FILL
- - - - - BEACH CREST ——— DESIGN MHW
- PROPOSED FILL AREA

NOTES:

1. AERIAL IMAGE COURTESY OF EDWARD WISNER DONATION, MAY 2011.
2. ALL COORDINATES ARE IN NAD 83, STATE PLANE - LOUISIANA SOUTH, US SURVEY FT



BY	DESCRIPTION	DATE



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

CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II	CAMINADA HEADLAND PLAN VIEW STATION 570+00 TO 660+00
STATE PROJECT NUMBER: BA-45	DATE: AUGUST, 2012

DRAWN BY: STEVE DARTEZ





DESIGNED BY: MICHAEL T. POFF, P.E.

APPROVED BY: SHANNON HAYNES, P.E.

FEDERAL PROJECT NUMBER: BA-45

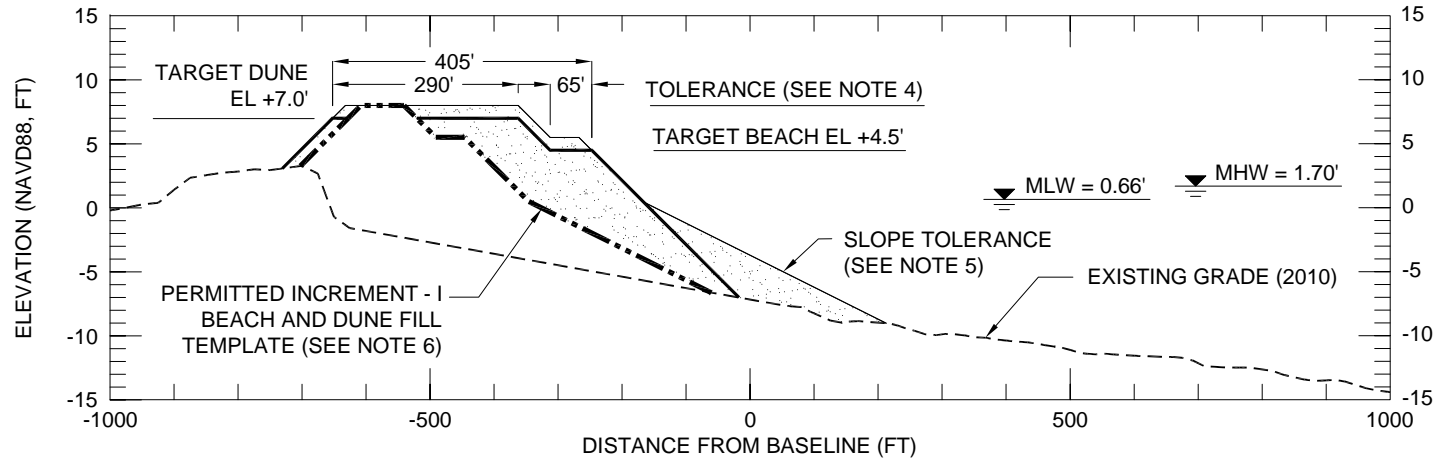
SHEET 8 OF 34

LEGEND:

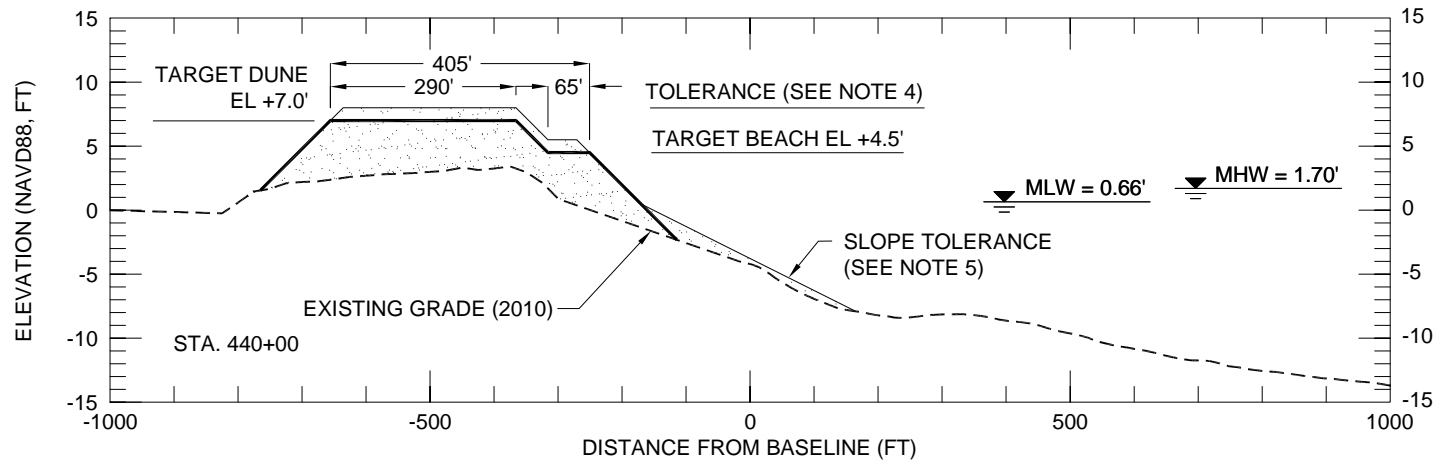
-  PROPOSED BEACH / DUNE FILL
-  EXISTING GRADE (2010)
-  DESIGN
-  CONSTRUCTION TOLERANCE (SEE NOTE 4)

SCALE:
H: 1" = 300'
V: 1" = 15'

A - A'




B - B'







NOTES:

1. SECTIONS ARE VIEWED AS LOOKING EAST.
2. SURVEY BY PICCIOLA & ASSOCIATES, INC. 2010.
3. ALL SLOPES 1V:20H UNLESS OTHERWISE DESIGNATED.
4. A ONE FOOT TOLERANCE IS INCLUDED TO ACCOUNT FOR CONSTRUCTION METHODS AND CONSOLIDATION/SETTLEMENT OF THE FILL.
5. CONSTRUCTION SLOPE TOLERANCE OF 1:40 PROVIDED FROM MEAN LOW WATER SEAWARD.
6. CURRENTLY PERMITTED: C.O.E. NO. MVN-2011-02539-WPP, C.U.P. NO. P20111274 (AMENDED)

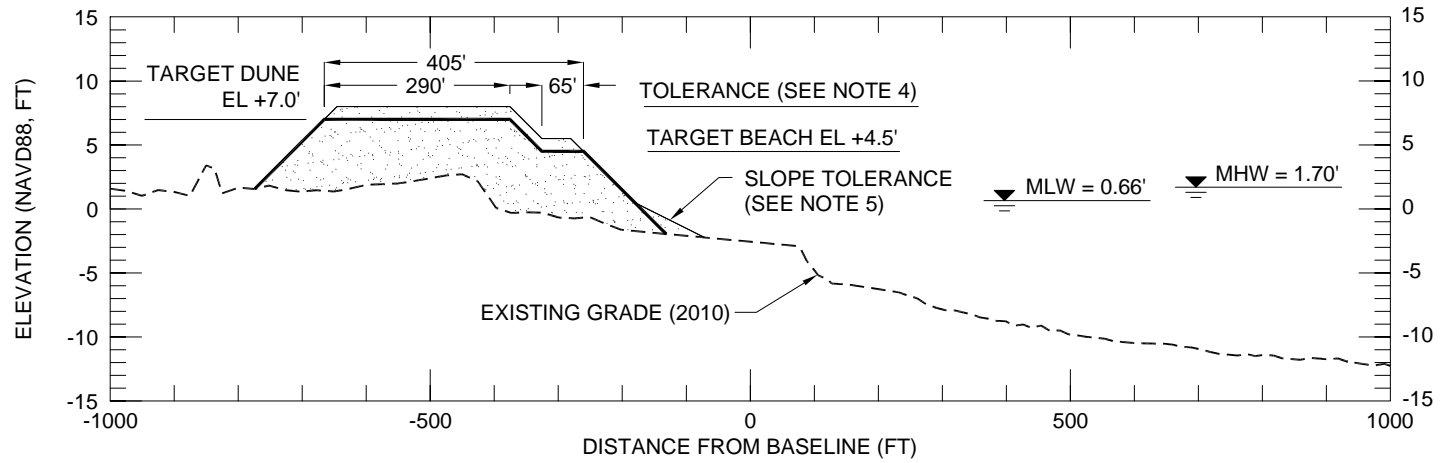
BY	DESCRIPTION	DATE			CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II	CAMINADA HEADLAND DESIGN SECTIONS
			 COASTAL ENGINEERING CONSULTANTS, INC	COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801	STATE PROJECT NUMBER: BA-45	DATE: AUGUST, 2012
					FEDERAL PROJECT NUMBER: BA-45	SHEET 9 OF 34
DRAWN BY: STEVE DARTEZ			DESIGNED BY: MICHAEL T. POFF, P.E.	APPROVED BY: SHANNON HAYNES, P.E.		

LEGEND:

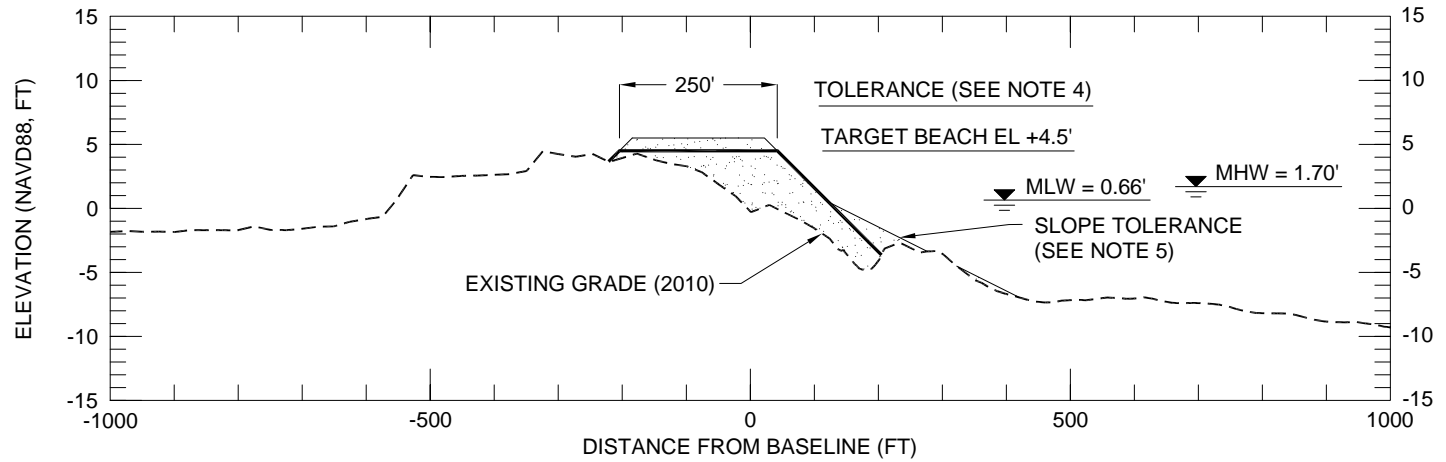
-  PROPOSED BEACH / DUNE FILL
-  EXISTING GRADE (2010)
-  DESIGN
-  CONSTRUCTION TOLERANCE (SEE NOTE 4)

SCALE:
H: 1" = 300'
V: 1" = 15'

C - C'




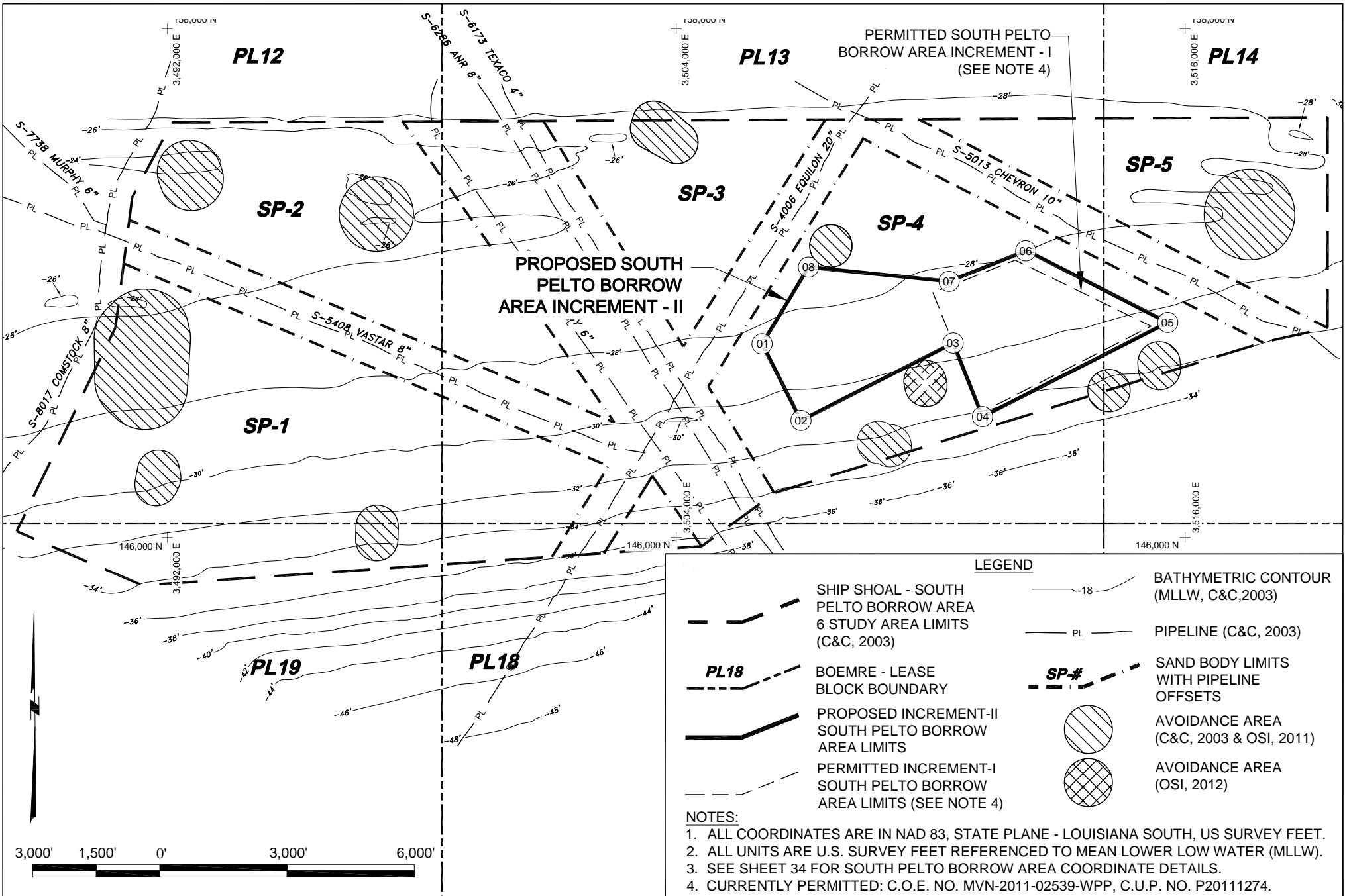
D - D'



NOTES:

1. SECTIONS ARE VIEWED AS LOOKING EAST.
2. SURVEY BY PICCIOLA & ASSOCIATES, INC. 2010.
3. ALL SLOPES 1V:20H UNLESS OTHERWISE DESIGNATED.
4. A ONE FOOT TOLERANCE IS INCLUDED TO ACCOUNT FOR CONSTRUCTION METHODS AND CONSOLIDATION/SETTLEMENT OF THE FILL.
5. CONSTRUCTION SLOPE TOLERANCE OF 1:40 PROVIDED FROM MEAN LOW WATER SEAWARD.

BY	DESCRIPTION	DATE			CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II	CAMINADA HEADLAND DESIGN SECTIONS
			 COASTAL ENGINEERING CONSULTANTS, INC.	COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801	STATE PROJECT NUMBER: BA-45	DATE: AUGUST, 2012
					FEDERAL PROJECT NUMBER: BA-45	SHEET 10 OF 34
DRAWN BY: STEVE DARTEZ			DESIGNED BY: MICHAEL T. POFF, P.E.	APPROVED BY: SHANNON HAYNES, P.E.		



BY	DESCRIPTION	DATE



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

CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II

SOUTH PELTO OVERVIEW MAP

DRAWN BY: STEVE DARTEZ

DESIGNED BY: MICHAEL T. POFF, P.E.

APPROVED BY: SHANNON HAYNES, P.E.

STATE PROJECT NUMBER: BA-45

DATE: AUGUST, 2012

FEDERAL PROJECT NUMBER: BA-45

SHEET 11 OF 34

LEGEND

PL13

BOEM LEASE BOUNDARY



AVOIDANCE AREA (OSI, 2011)



AVOIDANCE AREA (OSI, 2012)



VIBRACORE (CPE, 2005)

PL PIPELINE (OSI, 2011)

1 BORROW AREA BOUNDARY COORDINATE

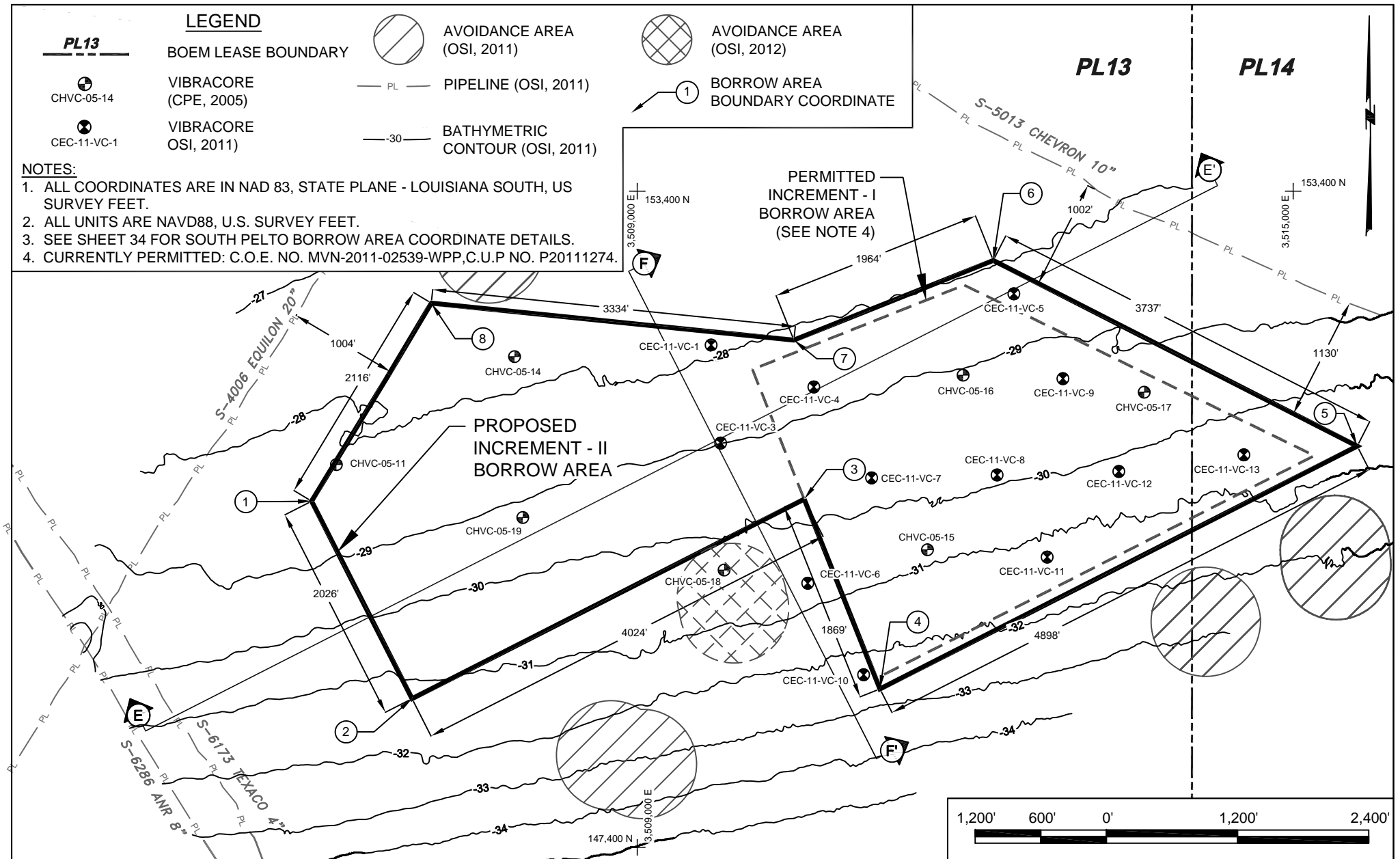


VIBRACORE OSI, 2011)

-30 BATHYMETRIC CONTOUR (OSI, 2011)

NOTES:

1. ALL COORDINATES ARE IN NAD 83, STATE PLANE - LOUISIANA SOUTH, US SURVEY FEET.
2. ALL UNITS ARE NAVD88, U.S. SURVEY FEET.
3. SEE SHEET 34 FOR SOUTH PELTO BORROW AREA COORDINATE DETAILS.
4. CURRENTLY PERMITTED: C.O.E. NO. MVN-2011-02539-WPP, C.U.P NO. P20111274.



BY	DESCRIPTION	DATE



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

CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II

SOUTH PELTO BORROW AREA PLAN VIEW

DRAWN BY: STEVE DARTEZ

DESIGNED BY: MICHAEL T. POFF, P.E.

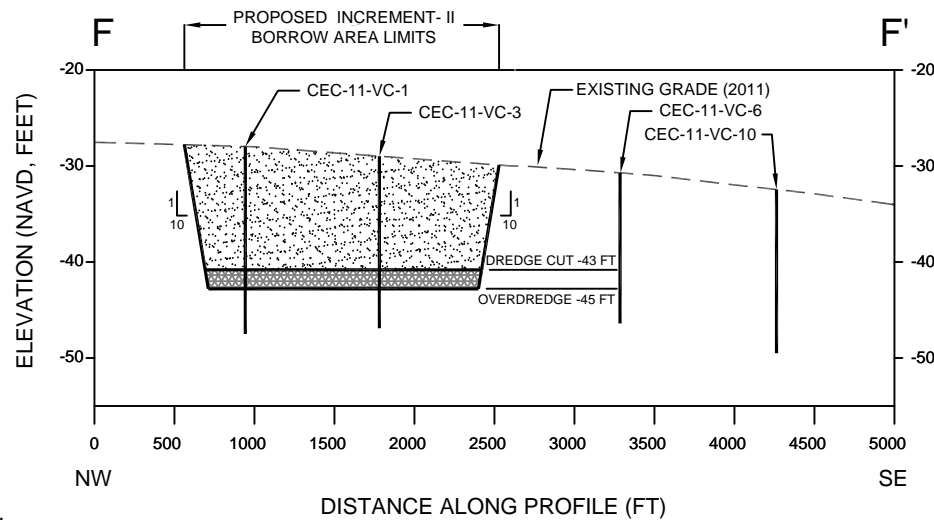
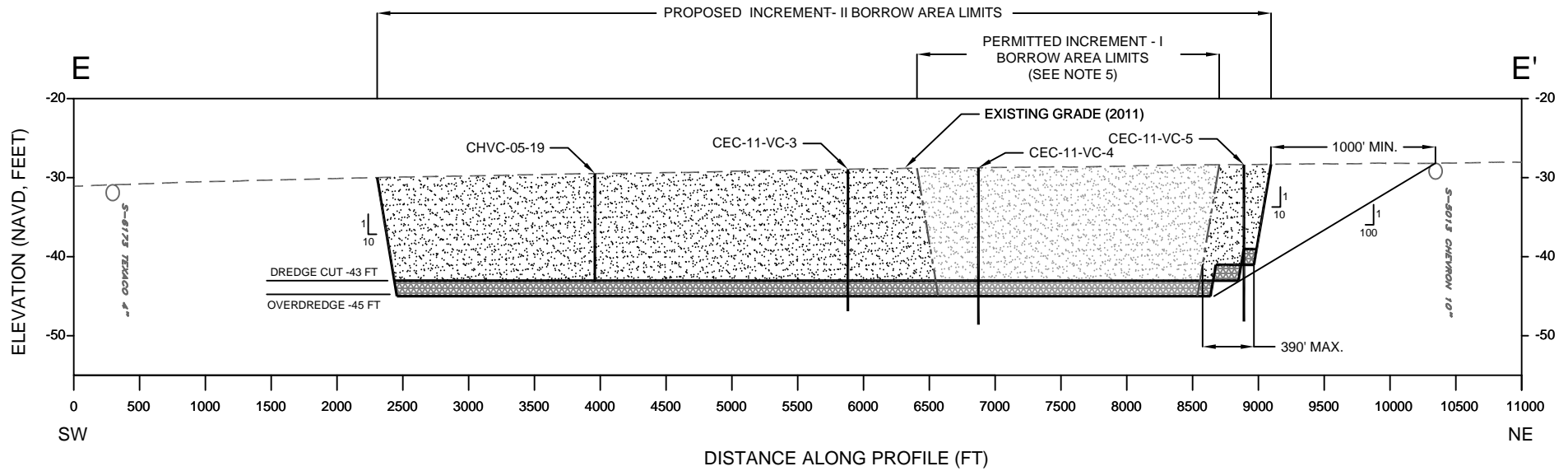
APPROVED BY: SHANNON HAYNES, P.E.

STATE PROJECT NUMBER: BA-45

DATE: AUGUST, 2012

FEDERAL PROJECT NUMBER: BA-45

SHEET 12 OF 34



NOTES:

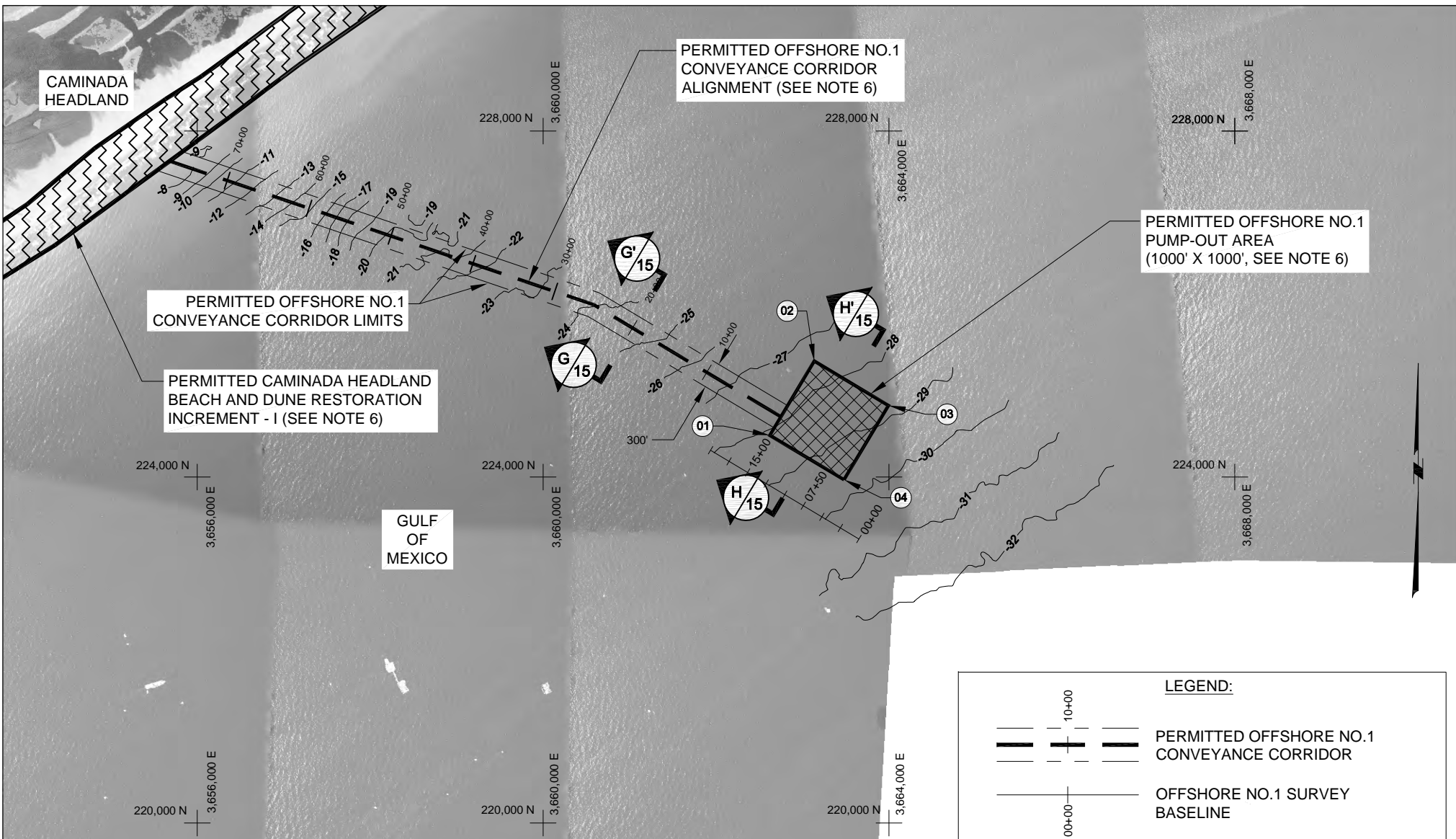
1. PIPELINE DATA FROM OSI, 2011.
2. BATHYMETRIC SURVEY CONDUCTED BY OSI, 2011.
3. ELEVATIONS HEREON ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM 1988 (NAVD)
4. VIBRACORE DATA OBTAINED FROM CPE, 2005 AND OSI, 2011.
5. CURRENTLY PERMITTED: C.O.E. NO. MVN-2011-02539-WPP,C.U.P NO. P20111274.

LEGEND:

- PROPOSED DREDGE CUT
- OVERDREDGE TOLERANCE

SCALE
 H: 1" = 1200'
 V: 1" = 20'

BY	DESCRIPTION	DATE				
			 COASTAL ENGINEERING CONSULTANTS, INC	COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801	CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II	SOUTH PELTO BORROW AREA DESIGN SECTIONS
					STATE PROJECT NUMBER: BA-45	DATE: AUGUST, 2012
DRAWN BY: STEVE DARTEZ	DESIGNED BY: MICHAEL T. POFF, P.E.	APPROVED BY: SHANNON HAYNES, P.E.			FEDERAL PROJECT NUMBER: BA-45	SHEET 13 OF 34



- NOTES:**
1. AERIAL IMAGE COURTESY OF EDWARD WISNER DONATION, MAY 2011.
 2. ALL COORDINATES ARE IN NAD 83, STATE PLANE - LOUISIANA SOUTH, US SURVEY FEET.
 3. SURVEY CONDUCTED BY OCEAN SURVEY, INC., DECEMBER 2011.
 4. THE LIMITS OF MOORING AND ANCHORING OF EQUIPMENT ARE DENOTED AS THE OFFSHORE WEST PUMP-OUT AREA.
 5. SEE SHEET 33 FOR OFFSHORE NO.1 PUMP-OUT AREA BOUNDARY COORDINATES.
 6. CURRENTLY PERMITTED: C.O.E. NO. MVN-2011-02539-WPP, C.U.P. NO. P20111274 (AMENDED) AS OFFSHORE WEST.

LEGEND:

- PERMITTED OFFSHORE NO.1 CONVEYANCE CORRIDOR
- OFFSHORE NO.1 SURVEY BASELINE
- PERMITTED OFFSHORE NO.1 PUMP-OUT AREA

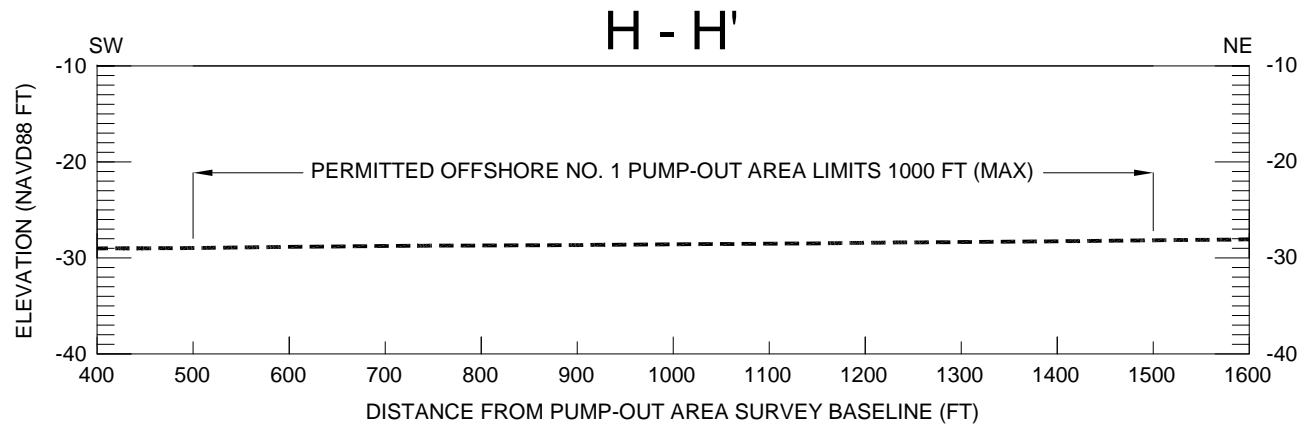
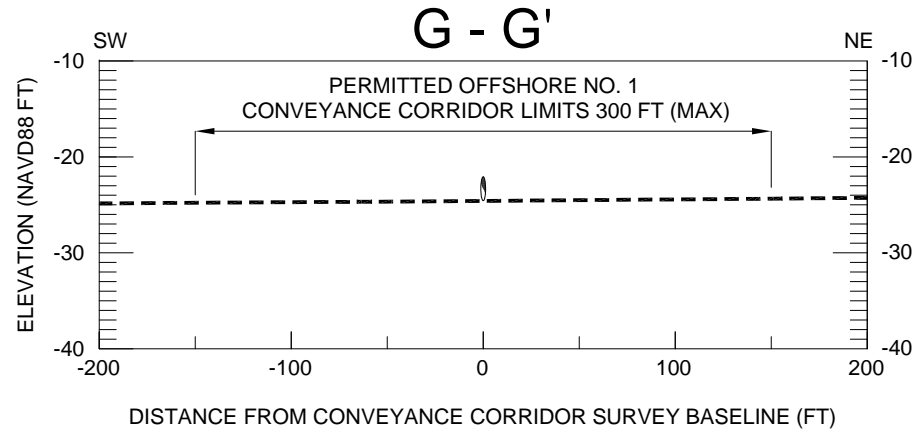
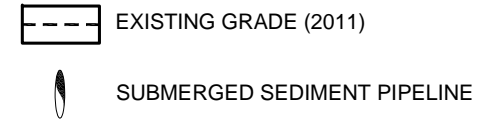
10+00
00+00

1600' 800' 0' 1600' 3200'

BY	DESCRIPTION	DATE	COASTAL ENGINEERING CONSULTANTS, INC COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801	CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II	OFFSHORE NO.1 PUMP-OUT AREA PLAN VIEW		
						STATE PROJECT NUMBER: BA-45EB	DATE: AUGUST, 2012
DRAWN BY: STEVE DARTEZ	DESIGNED BY: MICHAEL T. POFF, P.E.	APPROVED BY: SHANNON HAYNES, P.E.				FEDERAL PROJECT NUMBER: BA-45EB	SHEET 14 OF 34


SCALE:
 VERT: 1" = 20'
 HORIZ: 1" = 100'

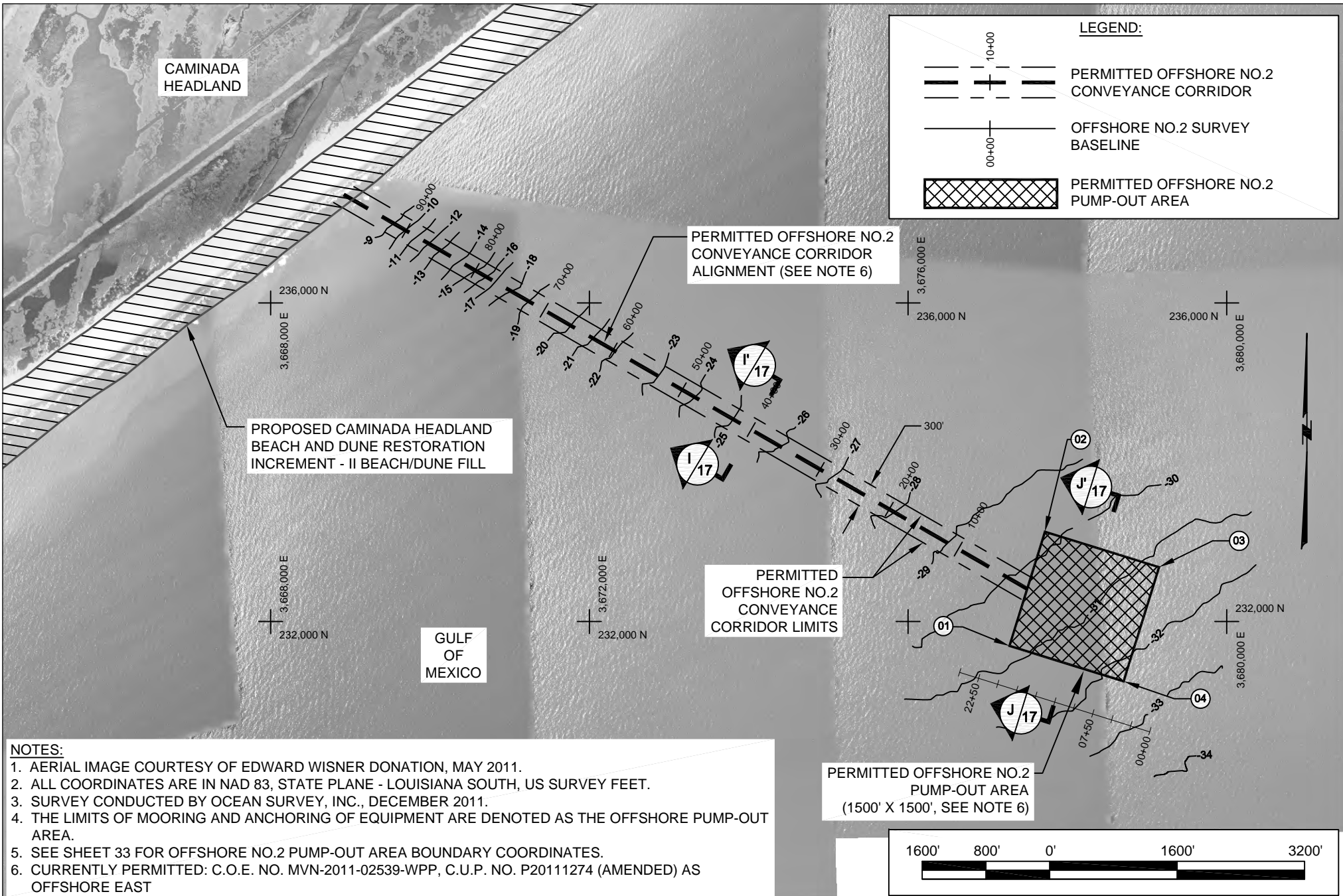
LEGEND:



NOTES:

1. SURVEY CONDUCTED BY OCEAN SURVEY, INC., DECEMBER 2011.
2. MEAN HIGH WATER ELEVATION = +1.70 FT NAVD88, MEAN LOW WATER ELEVATION = +0.66 NAVD88.
3. CURRENTLY PERMITTED: C.O.E. NO. MVN-2011-02539-WPP, C.U.P. NO. P20111274 (AMENDED).

BY	DESCRIPTION	DATE	 COASTAL ENGINEERING CONSULTANTS, INC	COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801	CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II	
						DATE: AUGUST, 2012
DRAWN BY: STEVE DARTEZ			DESIGNED BY: MICHAEL T. POFF, P.E.	APPROVED BY: SHANNON HAYNES, P.E.	FEDERAL PROJECT NUMBER: BA-45	SHEET 15 OF 34



BY	DESCRIPTION	DATE



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

CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II

OFFSHORE NO.2 PUMP-OUT AREA PLAN VIEW

STATE PROJECT NUMBER: BA-45

DATE: AUGUST, 2012

DRAWN BY: STEVE DARTEZ

DESIGNED BY: MICHAEL T. POFF, P.E.

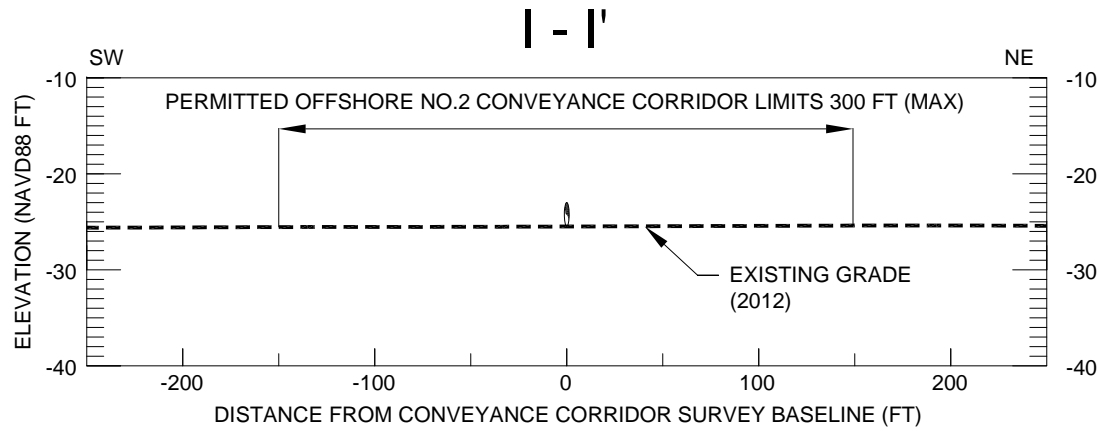
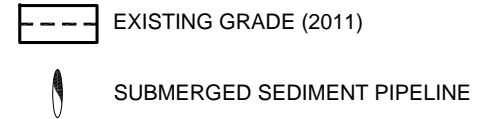
APPROVED BY: SHANNON HAYNES, P.E.

FEDERAL PROJECT NUMBER: BA-45

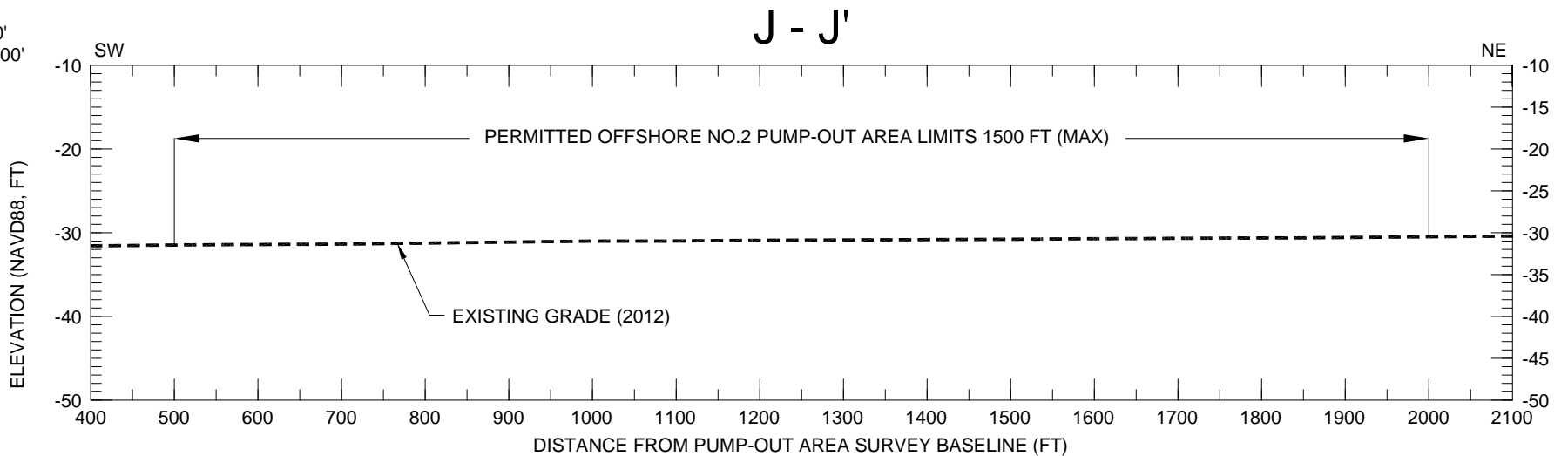
SHEET 16 OF 34

SCALE:
 VERT: 1" = 20'
 HORIZ: 1" = 100'

LEGEND:



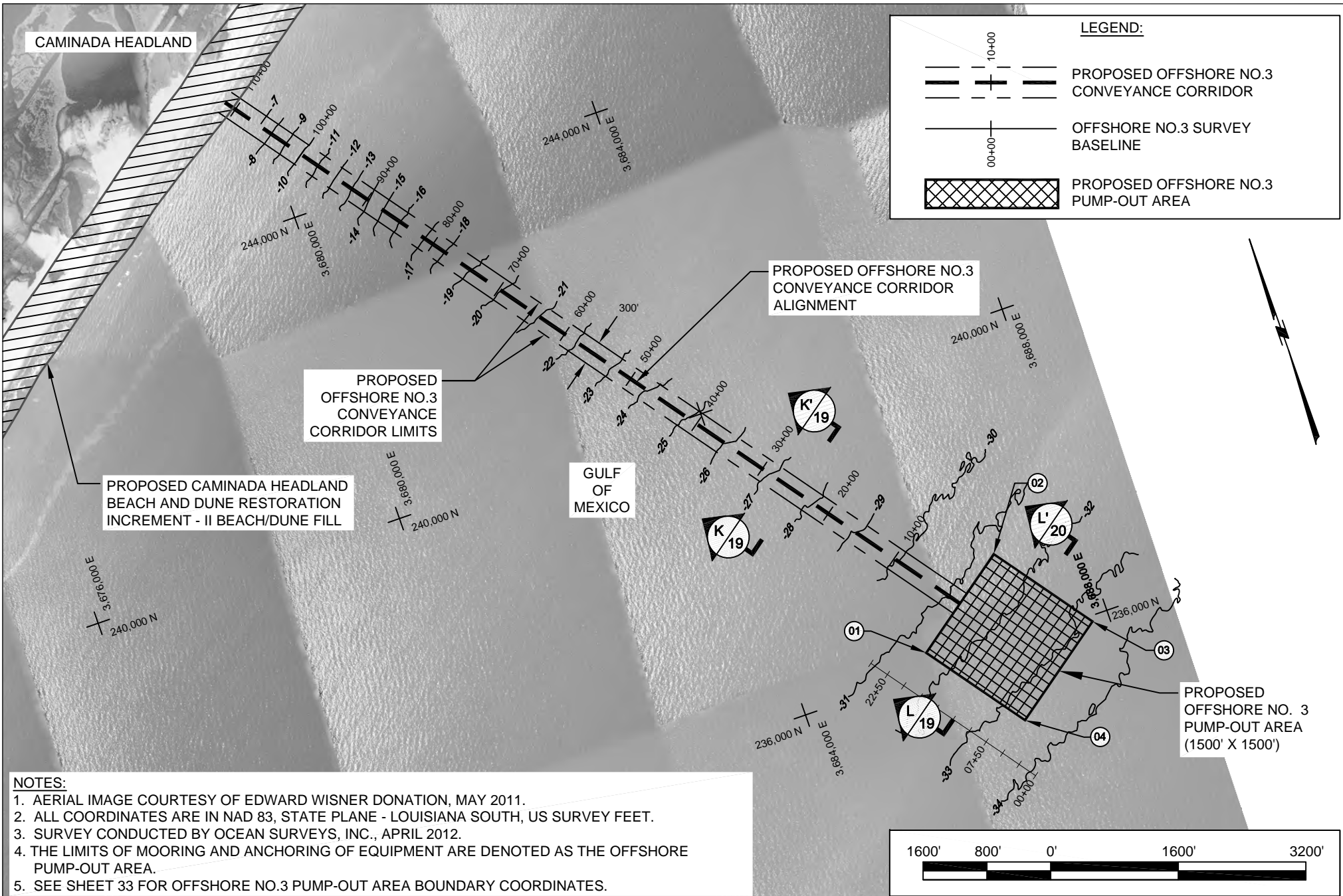
SCALE:
 VERT: 1" = 20'
 HORIZ: 1" = 200'



NOTES:

1. SURVEY CONDUCTED BY OCEAN SURVEY, INC., DECEMBER 2011.
2. MEAN HIGH WATER ELEVATION = +1.70 FT NAVD88, MEAN LOW WATER ELEVATION = +0.66 FT NAVD88.
3. CURRENTLY PERMITTED: C.O.E. NO. MVN-2011-02539-WPP, C.U.P. NO. P20111274 (AMENDED).

BY	DESCRIPTION	DATE	<p>COASTAL ENGINEERING CONSULTANTS, INC.</p>	<p>COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801</p>	CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II	OFFSHORE NO. 2 PUMP-OUT AREA AND CORRIDOR TYPICAL SECTIONS
					STATE PROJECT NUMBER: BA-45	DATE: AUGUST, 2012
DRAWN BY: STEVE DARTEZ	DESIGNED BY: MICHAEL T. POFF, P.E.	APPROVED BY: SHANNON HAYNES, P.E.			FEDERAL PROJECT NUMBER: BA-45	SHEET 17 OF 34



- NOTES:**
1. AERIAL IMAGE COURTESY OF EDWARD WISNER DONATION, MAY 2011.
 2. ALL COORDINATES ARE IN NAD 83, STATE PLANE - LOUISIANA SOUTH, US SURVEY FEET.
 3. SURVEY CONDUCTED BY OCEAN SURVEYS, INC., APRIL 2012.
 4. THE LIMITS OF MOORING AND ANCHORING OF EQUIPMENT ARE DENOTED AS THE OFFSHORE PUMP-OUT AREA.
 5. SEE SHEET 33 FOR OFFSHORE NO.3 PUMP-OUT AREA BOUNDARY COORDINATES.

BY	DESCRIPTION	DATE



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

DRAWN BY: STEVE DARTEZ

DESIGNED BY: MICHAEL T. POFF, P.E.

APPROVED BY: SHANNON HAYNES, P.E.

CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II

OFFSHORE NO.3 PUMP-OUT AREA PLAN VIEW

STATE PROJECT NUMBER: BA-45

DATE: AUGUST, 2012

FEDERAL PROJECT NUMBER: BA-45

SHEET 18 OF 34

SCALE:
 VERT: 1" = 20'
 HORIZ: 1" = 100'

LEGEND:

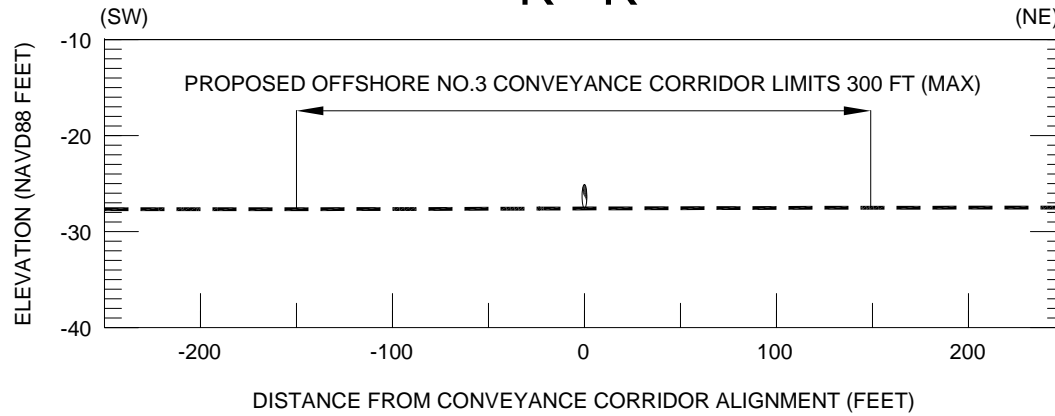


EXISTING GRADE (2012)



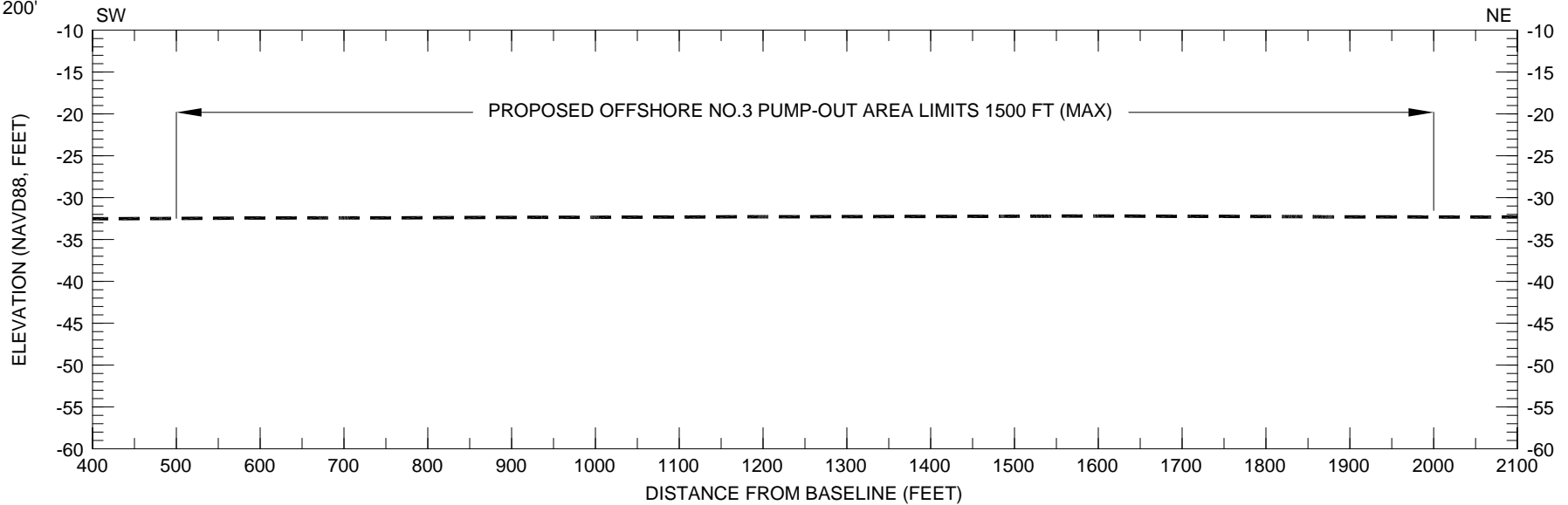
SUBMERGED SEDIMENT PIPELINE

K - K'




SCALE:
 VERT: 1" = 20'
 HORIZ: 1" = 200'

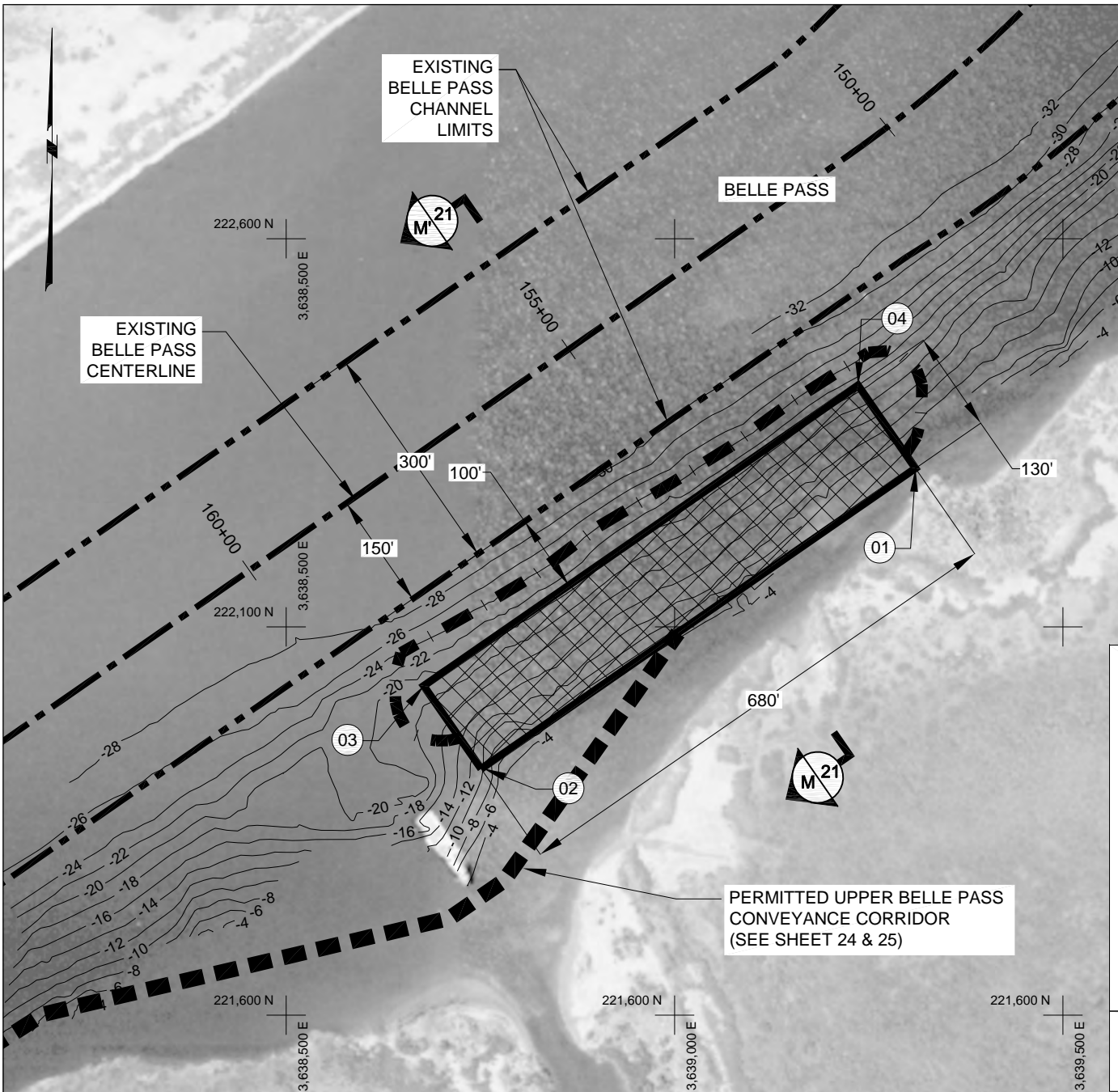
L - L'



NOTES:

1. SURVEY CONDUCTED BY OCEAN SURVEY, INC., APRIL 2012.
2. MEAN HIGH WATER ELEVATION = +1.70 FT NAVD88, MEAN LOW WATER ELEVATION = +0.66 NAVD88.

BY	DESCRIPTION	DATE			CAMINADA HEADLAND BEACH AND DUNE RESTORATION	OFFSHORE NO. 3 PUMP-OUT AREA AND CORRIDOR TYPICAL SECTIONS
			 COASTAL ENGINEERING CONSULTANTS, INC	COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801	STATE PROJECT NUMBER: BA-45	DATE: AUGUST, 2012
					FEDERAL PROJECT NUMBER: BA-45	SHEET 19 OF 34
DRAWN BY: STEVE DARTEZ			DESIGNED BY: MICHAEL T. POFF, P.E.	APPROVED BY: SHANNON HAYNES, P.E.		



NOTES:

1. AERIAL IMAGE COURTESY OF EDWARD WISNER DONATION, MAY 2011.
2. BELLE PASS CHANNEL LIMITS AND CENTERLINE OBTAINED FROM USACE FILE NO. H-16-45196, NOVEMBER 2000.
3. ALL COORDINATES ARE IN NAD 83, STATE PLANE - LOUISIANA SOUTH, US SURVEY FEET.
4. SURVEYS CONDUCTED BY PICCIOLA & ASSOCIATES, INC IN MAY-JUNE 2011. ADDITIONAL SURVEY DATA COLLECTED IN THE VICINITY OF THE PUMP-OUT AREAS BY COASTAL ENGINEERING CONSULTANTS, INC. IN JUNE 2011.
5. THE LIMITS OF EXCAVATION OF IN-SITU SEDIMENT FOR TRANSPORT TO THE BEACH / DUNE FILL TEMPLATE AND MOORING AND ANCHORING OF EQUIPMENT ARE DENOTED AS THE UPPER BELLE PASS PUMP-OUT AREA.
6. SEE SHEET 33 FOR UPPER BELLE PASS PUMP-OUT AREA BOUNDARY COORDINATES.
7. CURRENTLY PERMITTED:
C.O.E. NO. MVN-2011-02539-WPP,
C.U.P. NO. P20111274 (AMENDED).

LEGEND:

- EXISTING BELLE PASS CHANNEL
- 2011 BATHYMETRIC CONTOURS
- PERMITTED CONVEYANCE CORRIDOR ALIGNMENT
- PERMITTED LIMITS OF EXCAVATION
- PERMITTED UPPER BELLE PASS PUMP-OUT AREA (SEE NOTE 7)

200' 100' 0' 200' 400'

BY	DESCRIPTION	DATE

COASTAL ENGINEERING CONSULTANTS, INC

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

CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II

UPPER BELLE PASS PUMP-OUT AREA PLAN VIEW

DRAWN BY: STEVE DARTEZ

DESIGNED BY: MICHAEL T. POFF, P.E.

APPROVED BY: SHANNON HAYNES, P.E.

STATE PROJECT NUMBER: BA-45





DATE: AUGUST, 2012

FEDERAL PROJECT NUMBER: BA-45

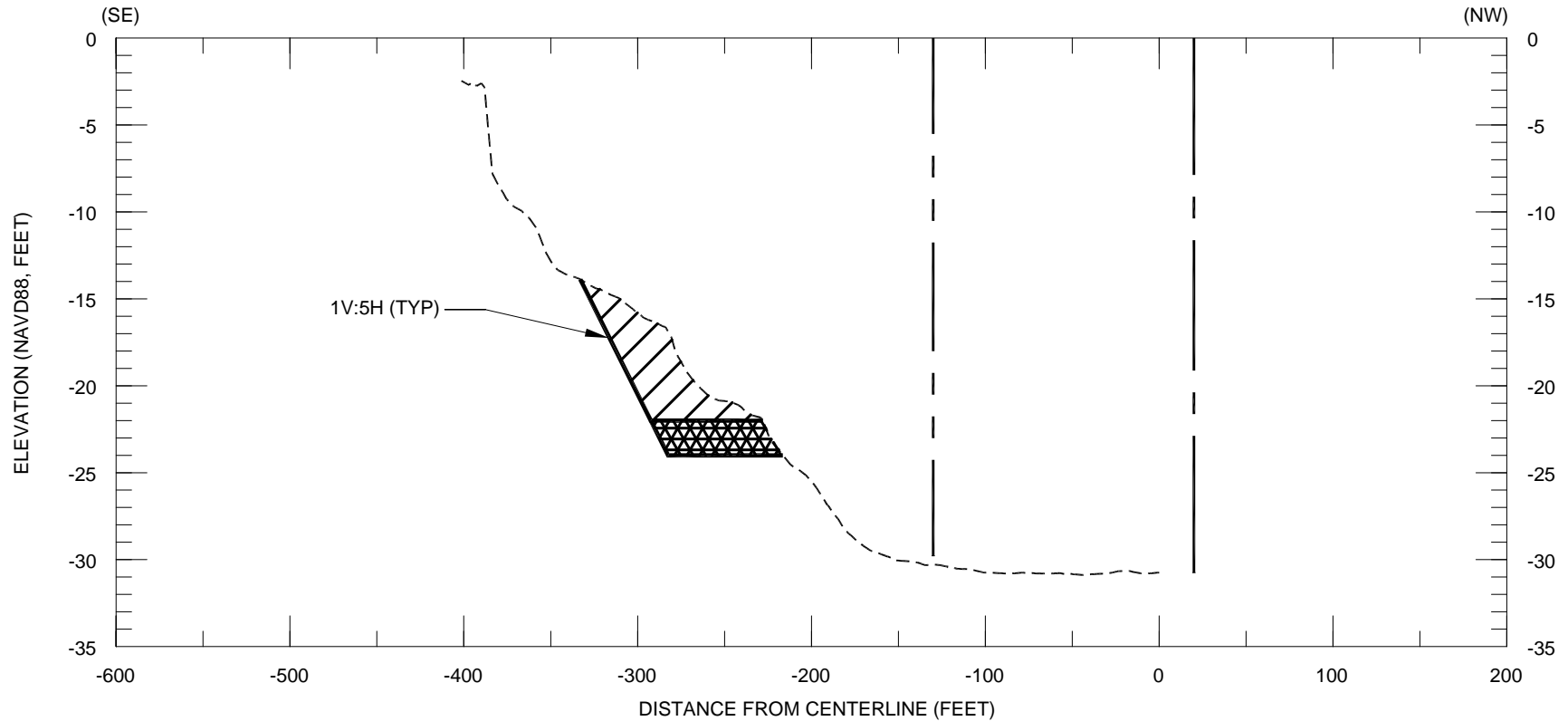
SHEET 20 OF 34

SCALE:
 VERT: 1" = 10'
 HORIZ: 1" = 100'

LEGEND:


- | | | | |
|---|---|---|-----------------------|
|  | PERMITTED PUMP-OUT AREA EXCAVATION (SEE NOTE 5) |  | EXISTING GRADE (2011) |
|  | ALLOWABLE OVERDREDGE |  | DESIGN |

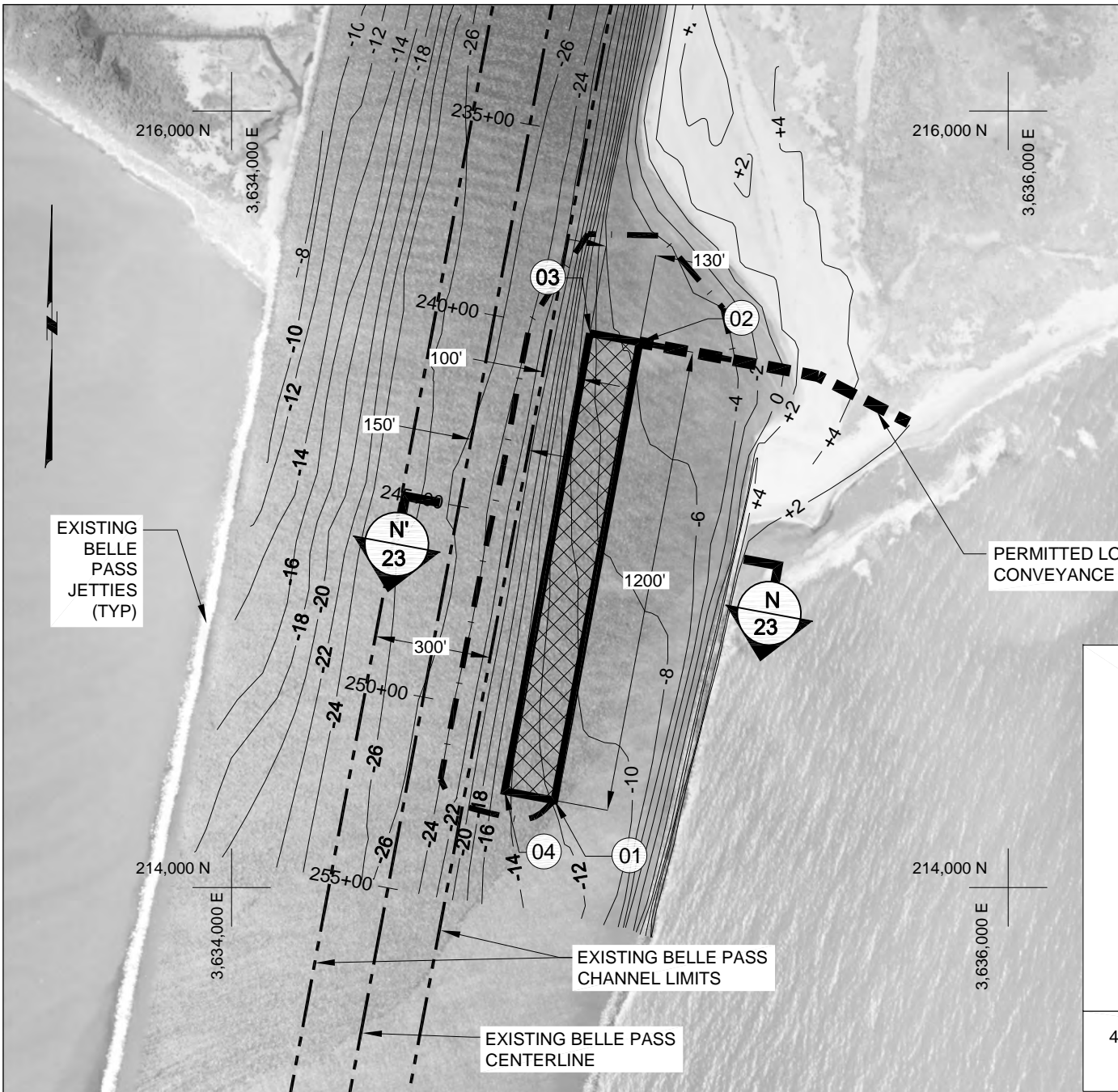
M - M'



NOTES:

1. BELLE PASS CHANNEL LIMITS AND CENTERLINE OBTAINED FROM USACE FILE NO. H-16-45196, NOVEMBER 2000.
2. SURVEYS CONDUCTED BY PICCIOLA & ASSOCIATES, INC. AND COASTAL ENGINEERING CONSULTANTS, INC. MAY-JUNE, 2011.
3. THE LIMITS OF EXCAVATION OF IN-SITU SEDIMENT FOR TRANSPORT TO THE BEACH / DUNE FILL TEMPLATE AND MOORING AND ANCHORING OF EQUIPMENT ARE DENOTED AS THE UPPER BELLE PASS PUMP-OUT AREA.
4. MEAN HIGH WATER ELEVATION = +1.70 FT NAVD88, MEAN LOW WATER ELEVATION = +0.66 FT NAVD88.
5. CURRENTLY PERMITTED: C.O.E. NO. MVN-2011-02539-WPP, C.U.P. NO. P20111274 (AMENDED).

BY	DESCRIPTION	DATE	 COASTAL ENGINEERING CONSULTANTS, INC.	COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801	CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II	UPPER BELLE PASS PUMP-OUT AREA TYPICAL SECTION
					STATE PROJECT NUMBER: BA-45	DATE: AUGUST, 2012
DRAWN BY: STEVE DARTEZ	DESIGNED BY: MICHAEL T. POFF, P.E.	APPROVED BY: SHANNON HAYNES, P.E.			FEDERAL PROJECT NUMBER: BA-45	SHEET 21 OF 34



NOTES:

1. AERIAL IMAGE COURTESY OF EDWARD WISNER DONATION, MAY 2011.
2. BELLE PASS CHANNEL LIMITS AND CENTERLINE OBTAINED FROM USACE FILE NO. H-16-45196, NOVEMBER 2000.
3. ALL COORDINATES ARE IN NAD 83, STATE PLANE - LOUISIANA SOUTH, US SURVEY FEET.
4. SURVEYS CONDUCTED BY PICCIOLA & ASSOCIATES, INC IN MAY-JUNE 2011. ADDITIONAL SURVEY DATA COLLECTED IN THE VICINITY OF THE PUMP-OUT AREAS BY COASTAL ENGINEERING CONSULTANTS, INC. IN JUNE 2011.
5. THE LIMITS OF EXCAVATION OF IN-SITU SEDIMENT FOR TRANSPORT TO THE BEACH / DUNE FILL TEMPLATE AND MOORING AND ANCHORING OF EQUIPMENT ARE DENOTED AS THE LOWER BELLE PASS PUMP-OUT AREA.
6. SEE SHEET 33 FOR LOWER BELLE PASS PUMP-OUT AREA BOUNDARY COORDINATES.
7. CURRENTLY PERMITTED:
C.O.E. NO. MVN-2011-02539-WPP,
C.U.P. NO. P20111274 (AMENDED).

EXISTING BELLE PASS JETTIES (TYP)

PERMITTED LOWER BELLE PASS CONVEYANCE CORRIDOR (SEE SHEET 26)

EXISTING BELLE PASS CHANNEL LIMITS

EXISTING BELLE PASS CENTERLINE

LEGEND:

- EXISTING BELLE PASS CHANNEL
- 2011 BATHYMETRIC CONTOURS
- PERMITTED CONVEYANCE CORRIDOR ALIGNMENT
- PERMITTED LIMITS OF EXCAVATION
- PERMITTED LOWER BELLE PASS PUMP-OUT AREA (SEE NOTE 7)

400' 200' 0' 400' 800'

BY	DESCRIPTION	DATE

COASTAL ENGINEERING CONSULTANTS, INC

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

CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II

LOWER BELLE PASS PUMP-OUT AREA PLAN VIEW

STATE PROJECT NUMBER: BA-45

DATE: AUGUST, 2012

DRAWN BY: STEVE DARTEZ

DESIGNED BY: MICHAEL T. POFF, P.E.





APPROVED BY: SHANNON HAYNES, P.E.

FEDERAL PROJECT NUMBER: BA-45

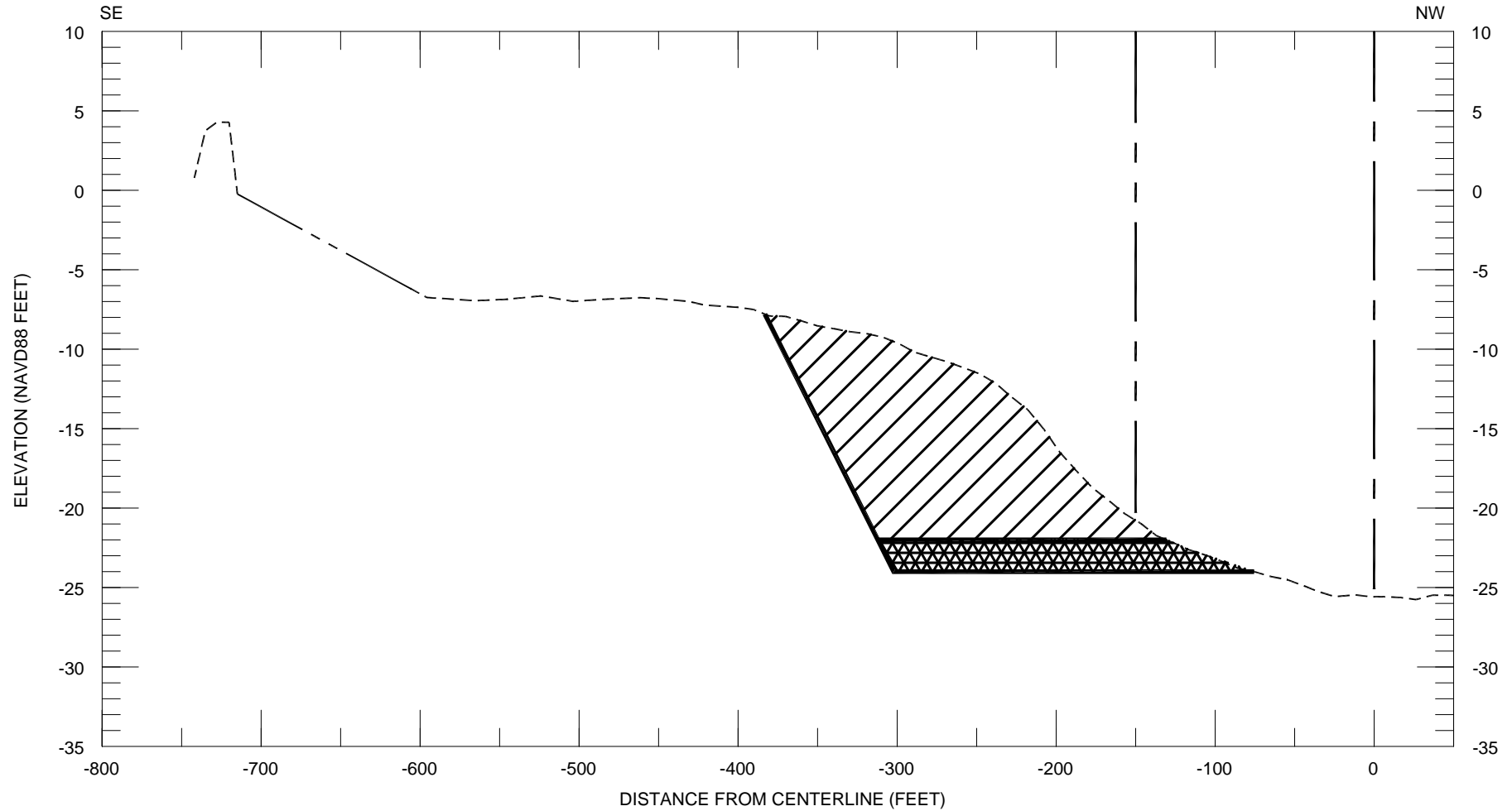
SHEET 22 OF 34

SCALE:
 VERT: 1" = 10'
 HORIZ: 1" = 100'

LEGEND:


-  PERMITTED PUMP-OUT AREA EXCAVATION (SEE NOTE 5)
-  ALLOWABLE OVERDREDGE
-  EXISTING GRADE (2011)
-  DESIGN

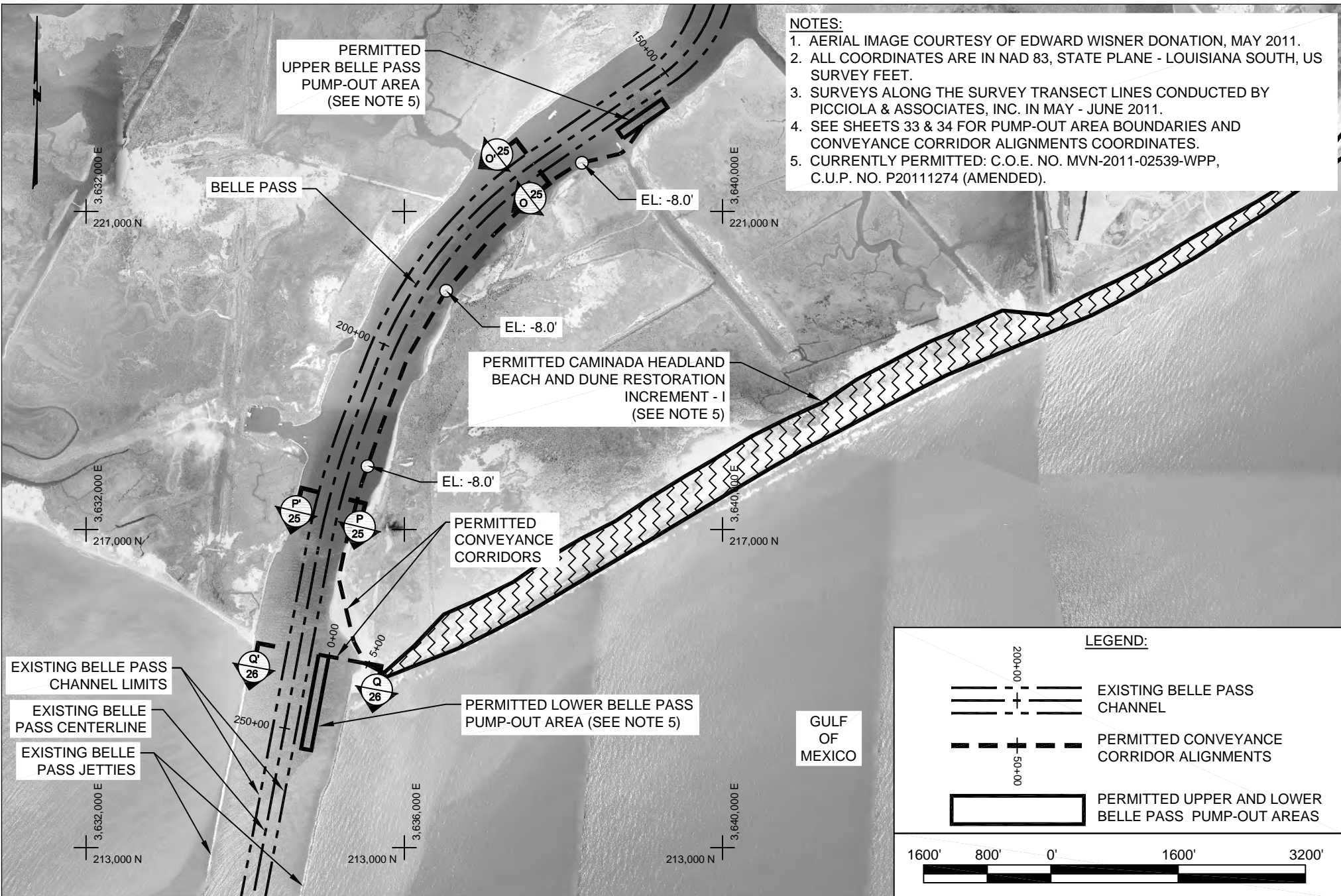
N - N'



NOTES:

1. BELLE PASS CHANNEL LIMITS AND CENTERLINE OBTAINED FROM USACE FILE NO. H-16-45196, NOVEMBER 2000.
2. SURVEYS CONDUCTED BY PICCIOLA & ASSOCIATES, INC. AND COASTAL ENGINEERING CONSULTANTS, INC. MAY-JUNE, 2011.
3. THE LIMITS OF EXCAVATION OF IN-SITU SEDIMENT FOR TRANSPORT TO THE BEACH / DUNE FILL TEMPLATE AND MOORING AND ANCHORING OF EQUIPMENT ARE DENOTED AS THE LOWER BELLE PASS PUMP-OUT AREA.
4. MEAN HIGH WATER ELEVATION = +1.70 FT NAVD88, MEAN LOW WATER ELEVATION = +0.66 FT NAVD88.
5. CURRENTLY PERMITTED: C.O.E. NO. MVN-2011-02539-WPP, C.U.P. NO. P20111274 (AMENDED).

	BY	DESCRIPTION	DATE	 COASTAL ENGINEERING CONSULTANTS, INC	COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801	CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II	LOWER BELLE PASS PUMP-OUT AREA TYPICAL SECTION
						STATE PROJECT NUMBER: BA-45	DATE: AUGUST, 2012
	DRAWN BY: STEVE DARTEZ			DESIGNED BY: MICHAEL T. POFF, P.E.	APPROVED BY: SHANNON HAYNES, P.E.	FEDERAL PROJECT NUMBER: BA-45	SHEET 23 OF 34



NOTES:

1. AERIAL IMAGE COURTESY OF EDWARD WISNER DONATION, MAY 2011.
2. ALL COORDINATES ARE IN NAD 83, STATE PLANE - LOUISIANA SOUTH, US SURVEY FEET.
3. SURVEYS ALONG THE SURVEY TRANSECT LINES CONDUCTED BY PICCIOLA & ASSOCIATES, INC. IN MAY - JUNE 2011.
4. SEE SHEETS 33 & 34 FOR PUMP-OUT AREA BOUNDARIES AND CONVEYANCE CORRIDOR ALIGNMENTS COORDINATES.
5. CURRENTLY PERMITTED: C.O.E. NO. MVN-2011-02539-WPP, C.U.P. NO. P20111274 (AMENDED).

LEGEND:

- EXISTING BELLE PASS CHANNEL
- PERMITTED CONVEYANCE CORRIDOR ALIGNMENTS
- PERMITTED UPPER AND LOWER BELLE PASS PUMP-OUT AREAS



BY	DESCRIPTION	DATE



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

CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II

BELLE PASS CORRIDOR PLAN VIEW

STATE PROJECT NUMBER: BA-45

DATE: AUGUST, 2012

DRAWN BY: STEVE DARTEZ

DESIGNED BY: MICHAEL T. POFF, P.E.




APPROVED BY: SHANNON HAYNES, P.E.

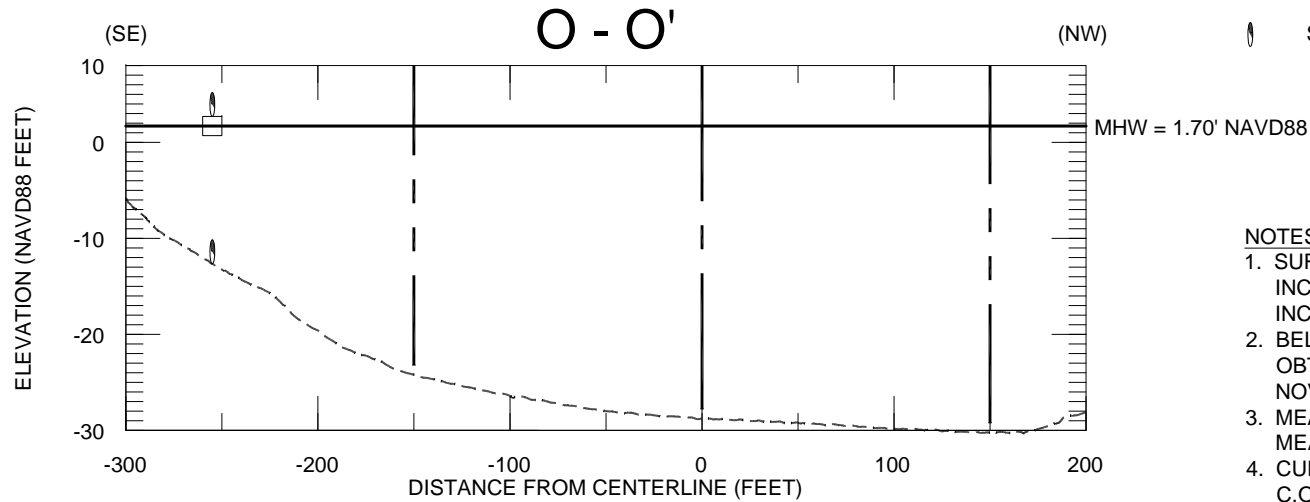
FEDERAL PROJECT NUMBER: BA-45

SHEET 24 OF 34

SCALE:
 VERT: 1" = 20'
 HORIZ: 1" = 100'

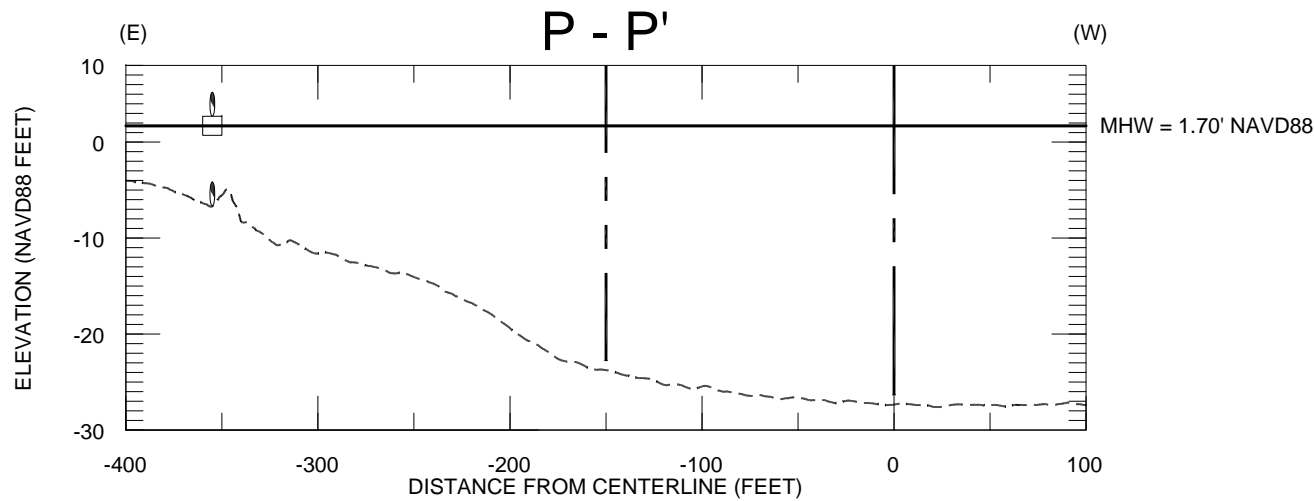
LEGEND:


-  EXISTING GRADE (2011)
-  FLOATING SEDIMENT PIPELINE OPTION
-  SUBMERGED SEDIMENT PIPELINE OPTION



NOTES:





1. SURVEYS CONDUCTED BY PICCIOLA & ASSOCIATES, INC. AND COASTAL ENGINEERING CONSULTANTS, INC. MAY-JUNE, 2011.
2. BELLE PASS CHANNEL LIMITS AND CENTERLINE OBTAINED FROM USACE FILE NO. H-16-45196, NOVEMBER 2000.
3. MEAN HIGH WATER ELEVATION = +1.70 FT NAVD88, MEAN LOW WATER ELEVATION = +0.66 FT NAVD88.
4. CURRENTLY PERMITTED:
 C.O.E. NO. MVN-2011-02539-WPP,
 C.U.P. NO. P20111274 (AMENDED).

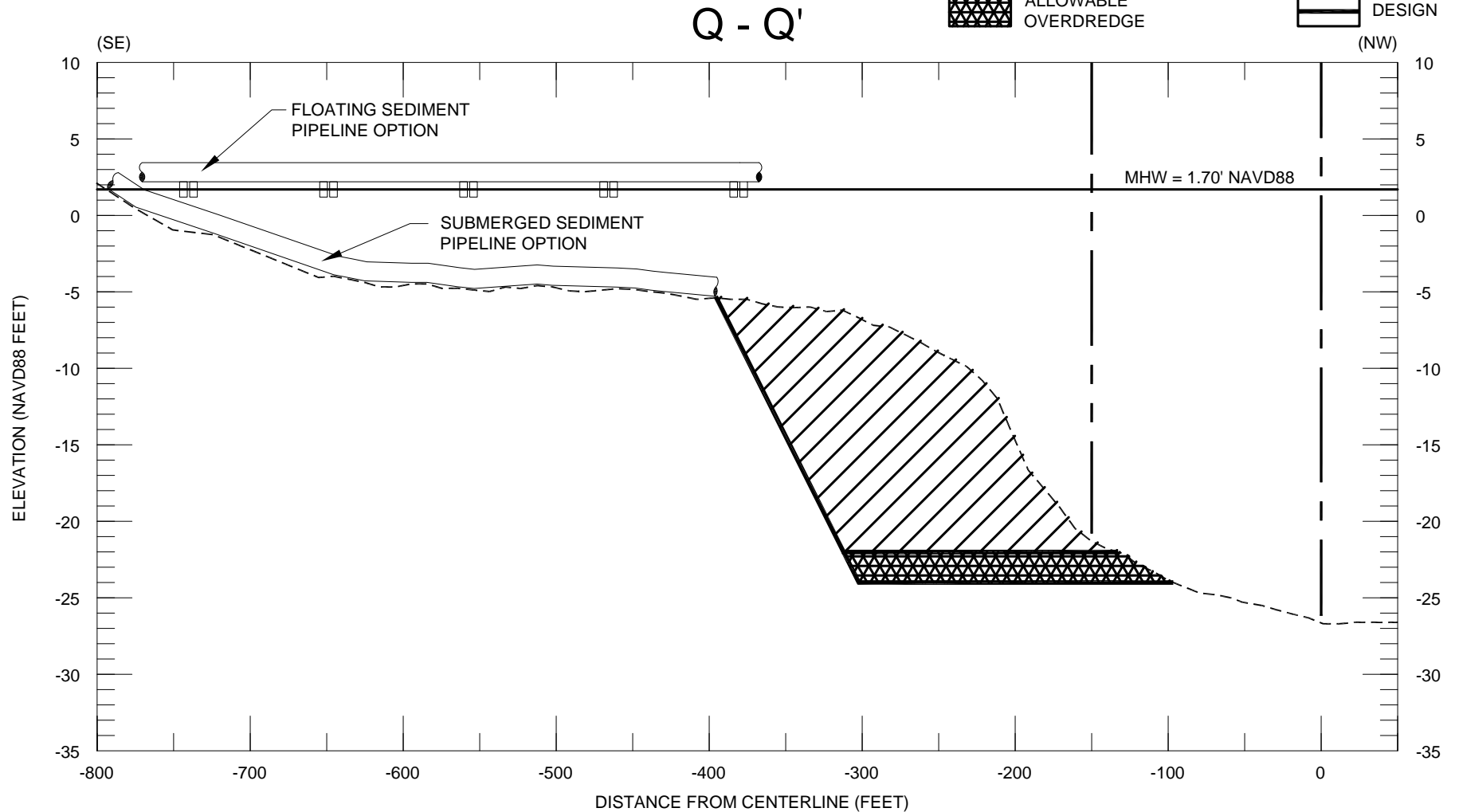


BY	DESCRIPTION	DATE	 COASTAL ENGINEERING CONSULTANTS, INC.	COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801	CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II		UPPER BELLE PASS CORRIDOR TYPICAL SECTION
							STATE PROJECT NUMBER: BA-45
DRAWN BY: STEVE DARTEZ			DESIGNED BY: MICHAEL T. POFF, P.E.	APPROVED BY: SHANNON HAYNES, P.E.	FEDERAL PROJECT NUMBER: BA-45	SHEET 25 OF 34	

SCALE:
 VERT: 1" = 10'
 HORIZ: 1" = 100'


LEGEND:

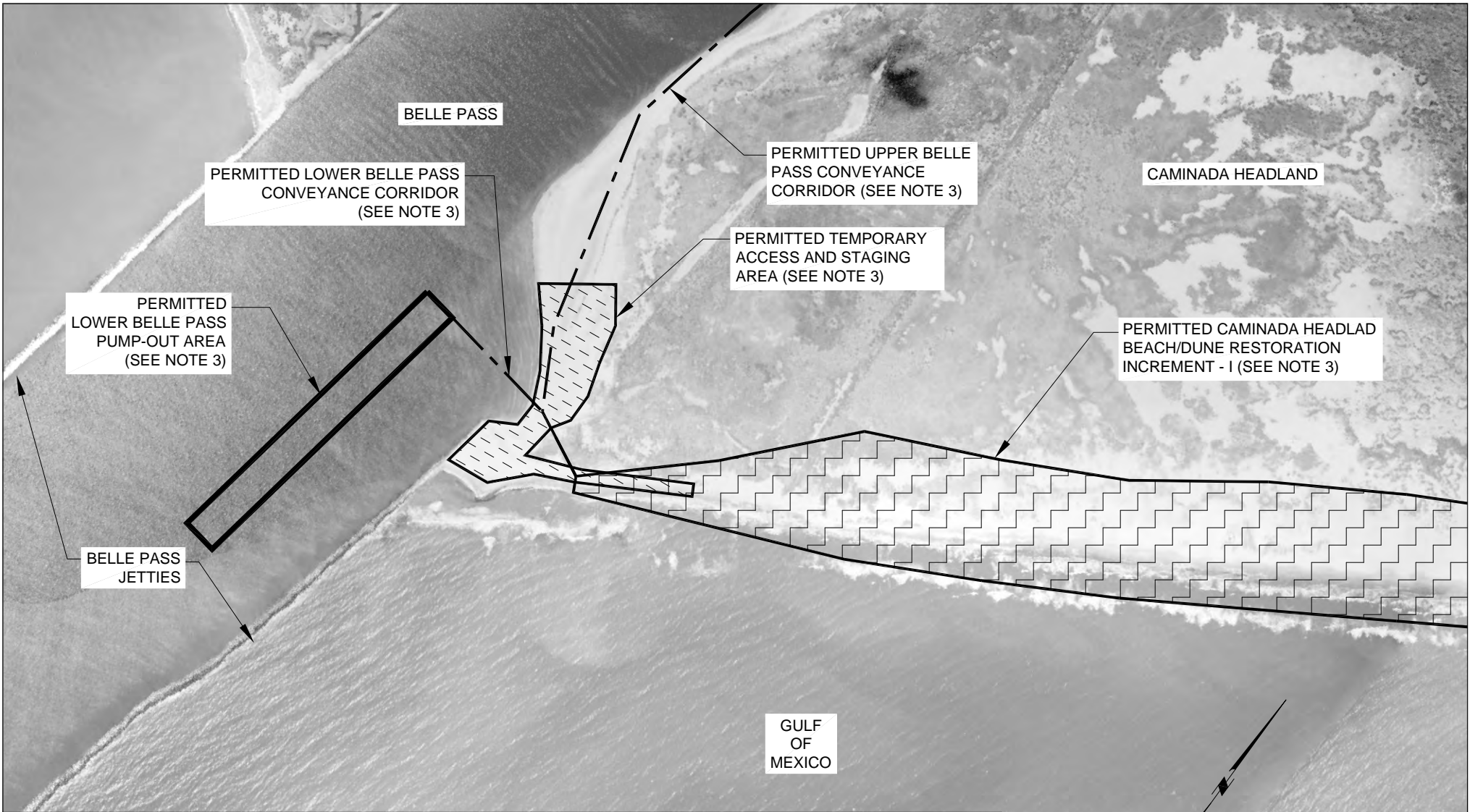
-  PERMITTED PUMP-OUT AREA EXCAVATION (SEE NOTE 5)
-  ALLOWABLE OVERDREDGE
-  EXISTING GRADE (2011)
-  DESIGN



NOTES:

1. BELLE PASS CHANNEL LIMITS AND CENTERLINE OBTAINED FROM USACE FILE NO. H-16-45196, NOVEMBER 2000.
2. SURVEYS CONDUCTED BY PICCIOLA & ASSOCIATES, INC. AND COASTAL ENGINEERING CONSULTANTS, INC. MAY-JUNE, 2011.
3. THE LIMITS OF EXCAVATION OF IN-SITU SEDIMENT FOR TRANSPORT TO THE BEACH / DUNE FILL TEMPLATE AND MOORING AND ANCHORING OF EQUIPMENT ARE DENOTED AS THE LOWER BELLE PASS PUMP-OUT AREA.
4. MEAN HIGH WATER ELEVATION = +1.70 FT NAVD88, MEAN LOW WATER ELEVATION = +0.66 FT NAVD88.
5. CURRENTLY PERMITTED: C.O.E. NO. MVN-2011-02539-WPP, C.U.P. NO. P20111274 (AMENDED).

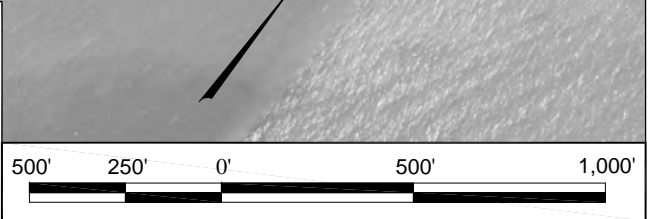
	BY	DESCRIPTION	DATE	 COASTAL ENGINEERING CONSULTANTS, INC	COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801	CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II	LOWER BELLE PASS CORRIDOR TYPICAL SECTION
						STATE PROJECT NUMBER: BA-45	DATE: AUGUST, 2012
						FEDERAL PROJECT NUMBER: BA-45	SHEET 26 OF 34
	DRAWN BY: STEVE DARTEZ			DESIGNED BY: MICHAEL T. POFF, P.E.		APPROVED BY: SHANNON HAYNES, P.E.	



LEGEND		
	PERMITTED PUMP OUT AREA	
	PERMITTED CONVEYANCE CORRIDOR ALIGNMENT	
	PERMITTED CONSTRUCTION CONTRACTOR ACCESS AND STAGING AREA (SEE NOTE 3)	
	PERMITTED INCREMENT - I BEACH / DUNE FILL (SEE NOTE 3)	

NOTES:

1. AERIAL IMAGE COURTESY OF EDWARD WISNER DONATION, MAY 2011.
2. ALL COORDINATES ARE IN NAD 83, STATE PLANE - LOUISIANA SOUTH US SURVEY FT.
3. CURRENTLY PERMITTED:
C.O.E. NO. MVN-2011-02539-WPP
C.U.P. NO. P20111274 (AMENDED)



BY	DESCRIPTION	DATE

COASTAL ENGINEERING CONSULTANTS, INC

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

CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II

STATE PROJECT NUMBER: BA-45

FEDERAL PROJECT NUMBER: BA-45

TEMPORARY ACCESS/STAGING AREA LOWER BELLE PASS

DATE: AUGUST, 2012

SHEET 27 OF 34

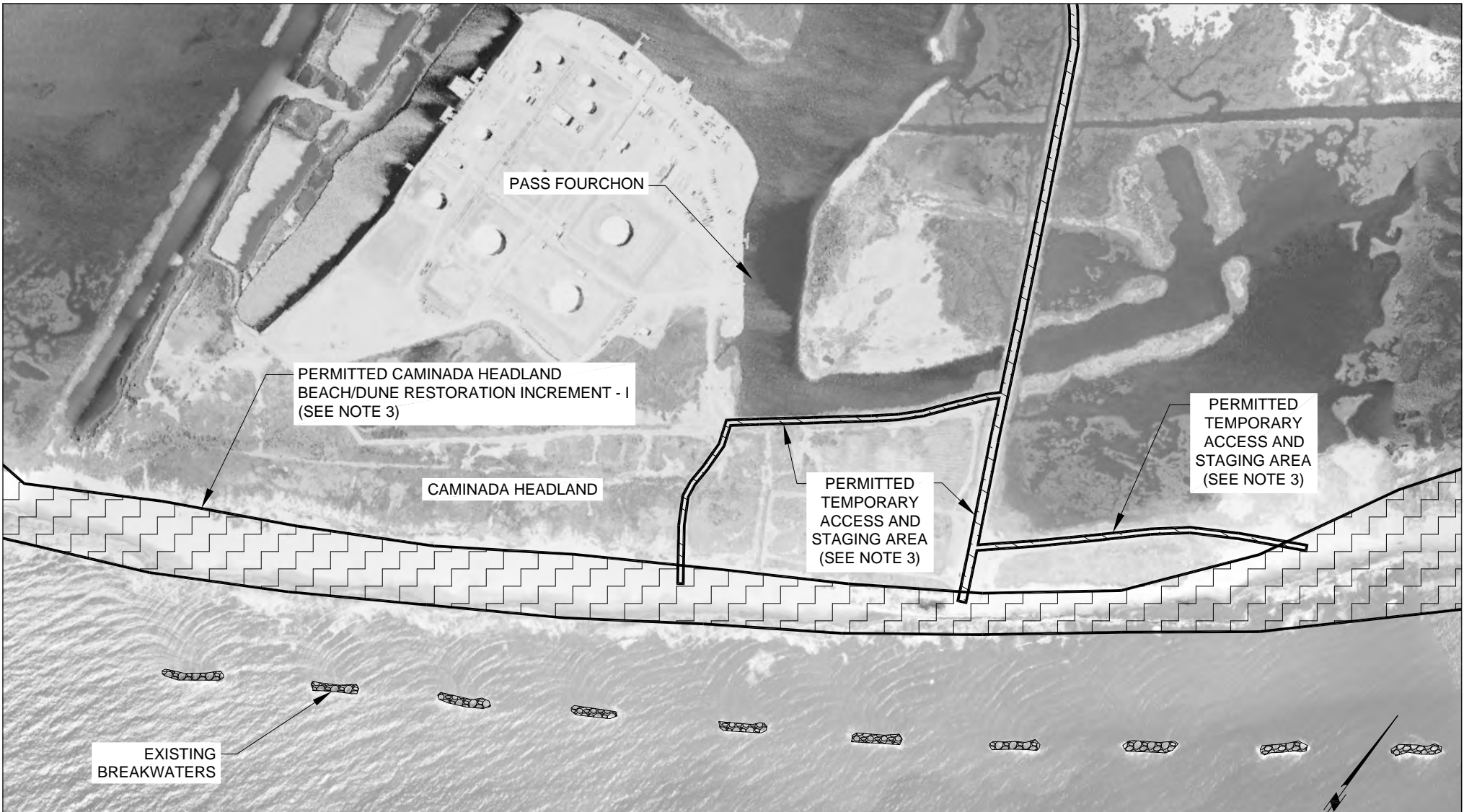
DRAWN BY: STEVE DARTEZ

DESIGNED BY: MICHAEL T. POFF, P.E.


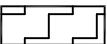
APPROVED BY: SHANNON HAYNES, P.E.

FEDERAL PROJECT NUMBER: BA-45

SHEET 27 OF 34



LEGEND

-  PERMITTED CONSTRUCTION CONTRACTOR ACCESS AND STAGING AREA (SEE NOTE 3)
-  PERMITTED INCREMENT - 1 BEACH / DUNE FILL (SEE NOTE 3)

NOTES:

1. AERIAL IMAGE COURTESY OF EDWARD WISNER DONATION, MAY 2011.
2. ALL COORDINATES ARE IN NAD 83, STATE PLANE - LOUISIANA SOUTH US SURVEY FT.
3. CURRENTLY PERMITTED:
C.O.E. NO. MVN-2011-02539-WPP
C.U.P. NO. P20111274 (AMENDED)

GULF OF MEXICO



BY	DESCRIPTION	DATE



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

CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II

TEMPORARY ACCESS/STAGING AREA
PARISH HWY 3090

STATE PROJECT NUMBER: BA-45

DATE: AUGUST, 2012

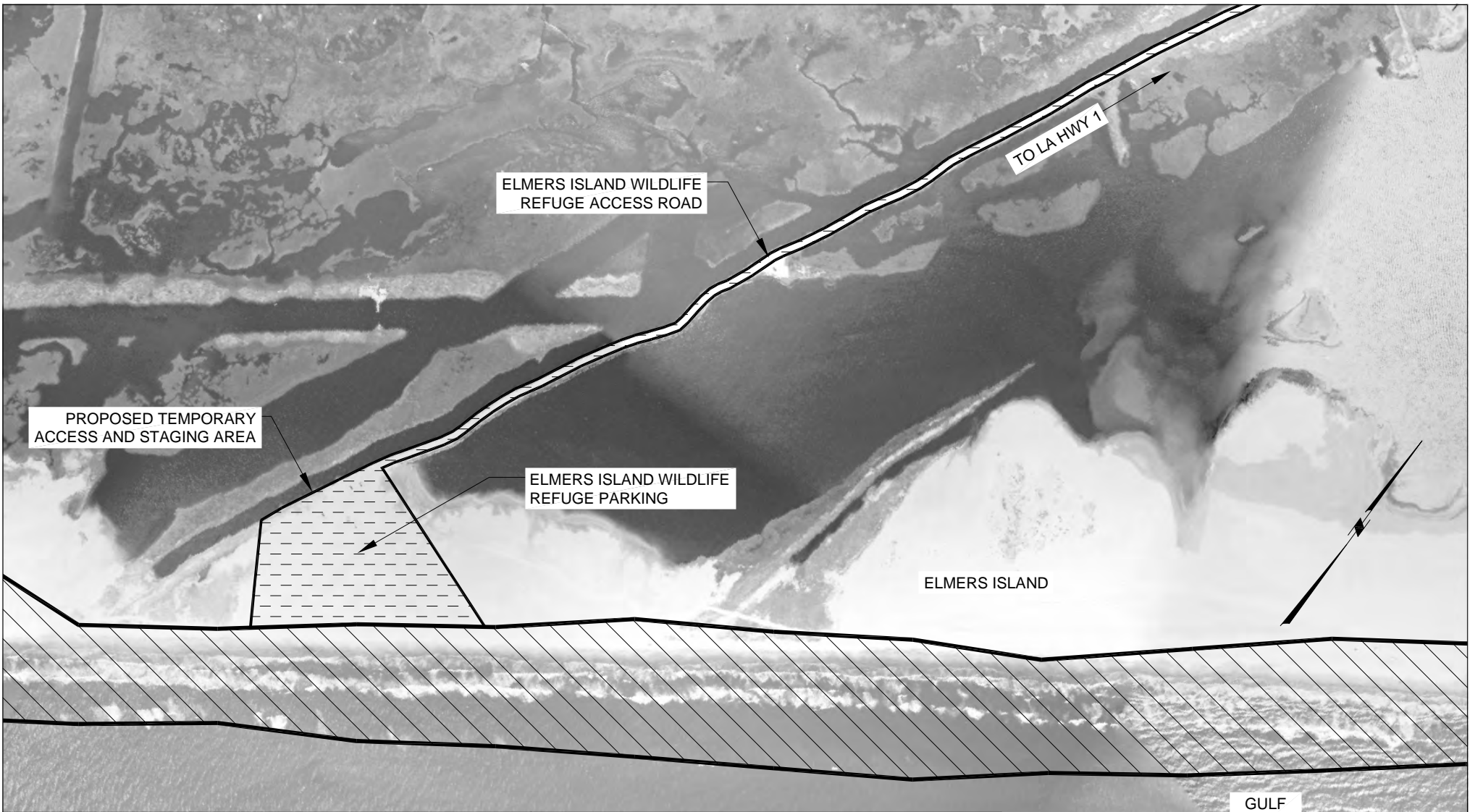
DRAWN BY: STEVE DARTEZ

DESIGNED BY: MICHAEL T. POFF, P.E.

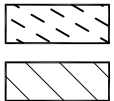
APPROVED BY: SHANNON HAYNES, P.E.

FEDERAL PROJECT NUMBER: BA-45

SHEET 28 OF 34



LEGEND



PROPOSED CONSTRUCTION CONTRACTOR ACCESS AND STAGING AREA
 PROPOSED INCREMENT - II BEACH / DUNE FILL

NOTES:

1. AERIAL IMAGE COURTESY OF EDWARD WISNER DONATION, MAY 2011.
2. ALL COORDINATES ARE IN NAD 83, STATE PLANE - LOUISIANA SOUTH US SURVEY FT.

GULF OF MEXICO



BY	DESCRIPTION	DATE



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

CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II

TEMPORARY ACCESS/STAGING AREA ELMER'S ISLAND

STATE PROJECT NUMBER: BA-45

DATE: AUGUST, 2012

DRAWN BY: STEVE DARTEZ

DESIGNED BY: MICHAEL T. POFF, P.E.

APPROVED BY: SHANNON HAYNES, P.E.

FEDERAL PROJECT NUMBER: BA-45

SHEET 29 OF 34

**WARNING
DO NOT ANCHOR
OR DREDGE
SEDIMENT
DELIVERY PIPELINE**


CONTACT:
CONTRACTOR NAME
PHONE NUMBER
CITY, STATE, ZIPCODE

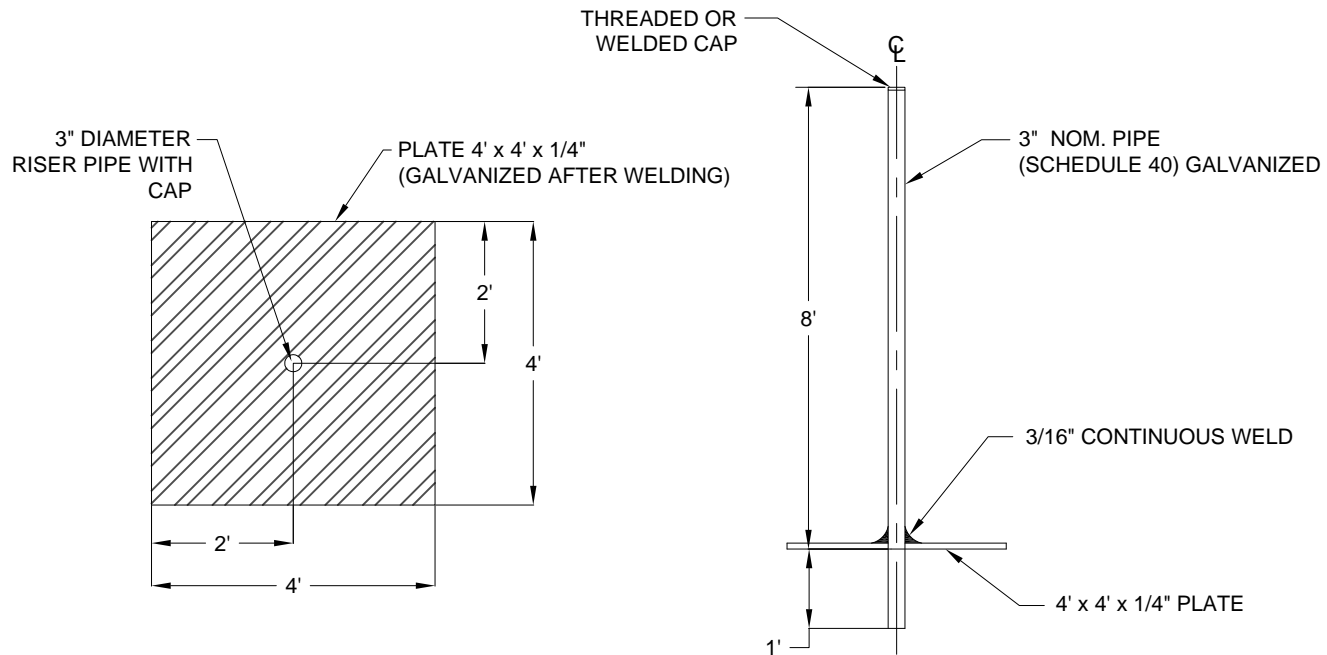
**SEDIMENT DELIVERY
PIPELINE MARKER DETAIL**

NOT TO SCALE

NOTES:

1. MARKERS SHALL BE PLACED ALONG THE LENGTH OF THE SEDIMENT DELIVERY PIPELINE AS REQUIRED BY U.S. COAST GUARD REGULATIONS.
2. MARKERS SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH LADOTD 2000 STANDARD SPECIFICATION 729.
3. A PROPOSED DRAWING SHALL BE SUBMITTED TO THE OWNER FOR APPROVAL IN THE WORK PLAN PRIOR TO CONSTRUCTION.
4. MARKERS SHALL BE PLACED IMMEDIATELY FOLLOWING TO SEDIMENT PIPELINE INSTALLATION AND REMOVED FOLLOWING TO SEDIMENT PIPELINE REMOVAL.


BY	DESCRIPTION	DATE	 COASTAL ENGINEERING CONSULTANTS, INC	COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801	CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II	SEDIMENT PIPELINE MARKER DETAILS
					STATE PROJECT NUMBER: BA-45	DATE: AUGUST, 2012
DRAWN BY: STEVE DARTEZ					DESIGNED BY: MICHAEL T. POFF, P.E.	APPROVED BY: SHANNON HAYNES, P.E.

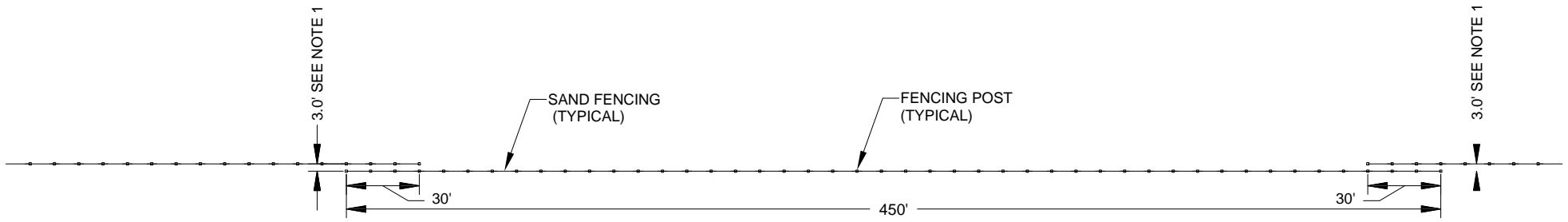


SETTLEMENT PLATE
NOT TO SCALE

NOTES:

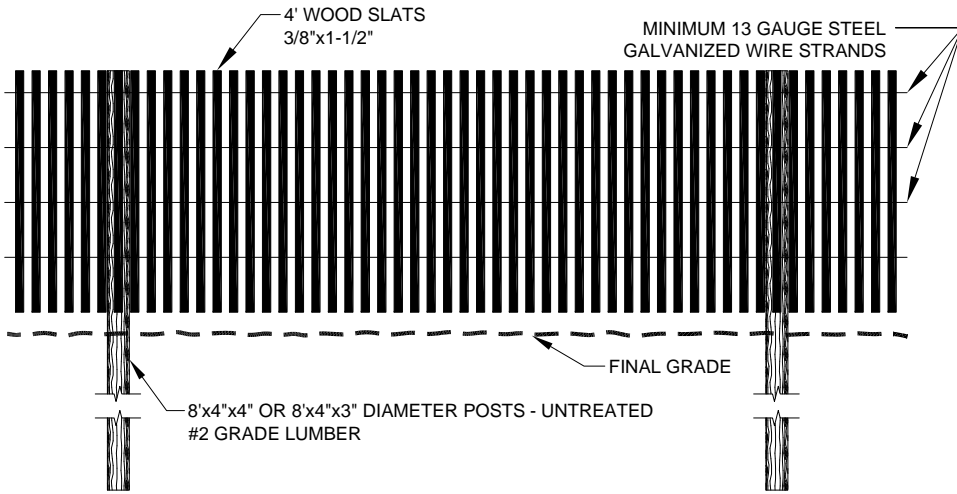
1. SETTLEMENT PLATES SHALL BE CONSTRUCTED USING ASTM A36 STEEL AND HOT- DIPPED GALVANIZED AFTER FABRICATION.
2. ALL SETTLEMENT PLATES SHALL BE SURVEYED UNDER THE SUPERVISION OF THE RESIDENT PROJECT REPRESENTATIVE WITHIN A DAY OF INSTALLATION AND WEEKLY THROUGHOUT THE DURATION OF THE PROJECT.
3. ALL SETTLEMENT PLATES MUST BE INSTALLED AND MAINTAINED WITHIN 10.5 DEGREES OF VERTICAL.
4. ALL SETTLEMENT PLATES SHALL BE MARKED WITH SURVEY FLAGGING.
5. LENGTH OF THE SETTLEMENT PLATE RISER PIPE SHALL BE SUCH THAT THE ELEVATION OF THE TOP CAP BE NO LESS THAN 4 FEET ABOVE MAXIMUM FINAL DESIGN GRADE FOR ITS LOCATION.

BY	DESCRIPTION	DATE			CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II	SETTLEMENT PLATE DETAIL
				COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801	STATE PROJECT NUMBER: BA-45	DATE: AUGUST, 2012
					FEDERAL PROJECT NUMBER: BA-45	SHEET 31 OF 34
DRAWN BY: STEVE DARTEZ			DESIGNED BY: MICHAEL T. POFF, P.E.	APPROVED BY: SHANNON HAYNES, P.E.		

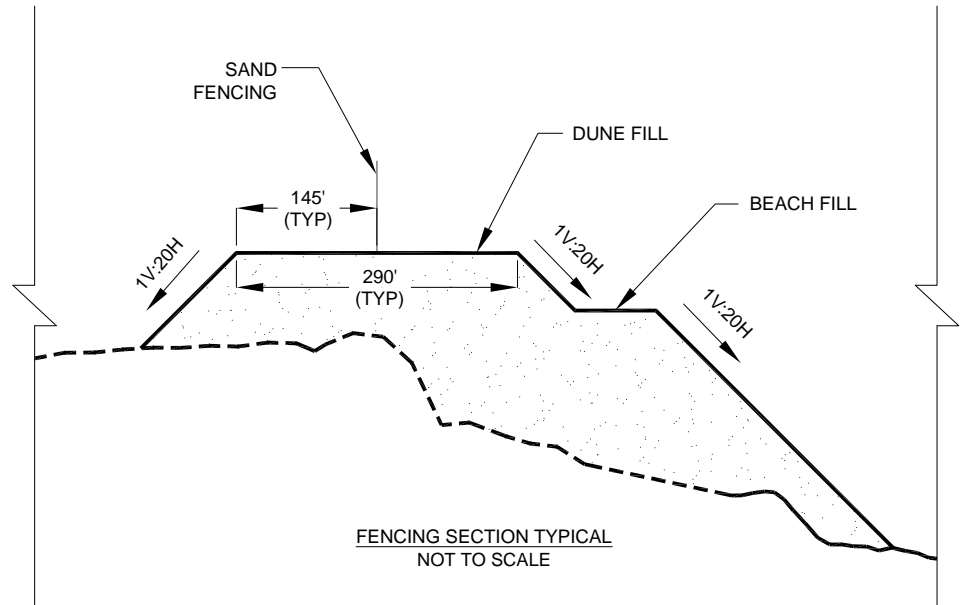


NOTES:
 1. THE DISTANCE BETWEEN FENCES SHALL BE INCREASED FROM 3.0' TO 8.0' AT EVERY FIFTH GAP TO ALLOW ALL-TERRAIN VEHICLE ACCESS.


FENCING GAPPING DIMENSIONS
 NOT TO SCALE



FENCING DETAIL
 NOT TO SCALE



FENCING SECTION TYPICAL
 NOT TO SCALE

BY	DESCRIPTION	DATE			CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II	SAND FENCING DETAIL
			 COASTAL ENGINEERING CONSULTANTS, INC	COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801	STATE PROJECT NUMBER: BA-45	DATE: AUGUST, 2012
						FEDERAL PROJECT NUMBER: BA-45
DRAWN BY: STEVE DARTEZ			DESIGNED BY: MICHAEL T. POFF, P.E.	APPROVED BY: SHANNON HAYNES, P.E.		

PERMITTED OFFSHORE NO. 1 PUMPOUT AREA BOUNDARY				
POINT NO.	NORTHING	EASTING	LATITUDE	LONGITUDE
01	224,003.55	3,663,238.45	29° 06' 37.61" N	90° 08' 09.17" W
02	225,340.71	3,663,135.55	29° 06' 50.86" N	90° 08' 10.18" W
03	224,827.34	3,663,993.74	29° 06' 45.69" N	90° 08' 00.56" W
04	223,969.17	3,663,480.36	29° 06' 37.25" N	90° 08' 06.45" W

PERMITTED OFFSHORE NO. 1 CONVEYANCE CORRIDOR					
POINT NO.	STATION	NORTHING	EASTING	LATITUDE	LONGITUDE
01	0+00.00	224691.63	3662743.20	29° 06' 44.52" N	90° 08' 14.68" W
02	25+25.56	225993.62	3660583.17	29° 06' 57.59" N	90° 08' 38.87" W
03	78+65.08	227705.67	3655525.56	29° 07' 15.05" N	90° 09' 35.69" W

PERMITTED OFFSHORE NO. 2 PUMPOUT AREA BOUNDARY				
POINT NO.	NORTHING	EASTING	LATITUDE	LONGITUDE
01	231,693.92	3,677,273.52	29° 07' 52.26" N	90° 05' 30.11" W
02	233,126.78	3,677,717.26	29° 08' 06.39" N	90° 05' 24.94" W
03	232,682.58	3,679,142.76	29° 08' 01.85" N	90° 05' 08.83" W
04	231,249.72	3,678,699.02	29° 07' 47.71" N	90° 05' 14.01" W


PERMITTED OFFSHORE NO. 2 CONVEYANCE CORRIDOR					
POINT NO.	STATION	NORTHING	EASTING	LATITUDE	LONGITUDE
01	0+00.00	232,410.35	3,677,495.39	29° 07' 59.33" N	90° 05' 27.44" W
02	103+10.00	237,563.75	3,668,565.74	29° 08' 51.29" N	90° 07' 07.50" W

PROPOSED OFFSHORE NO. 3 PUMPOUT AREA BOUNDARY				
POINT NO.	NORTHING	EASTING	LATITUDE	LONGITUDE
01	231,693.92	3,677,273.52	29° 07' 52.26" N	90° 05' 30.11" W
02	233,126.78	3,677,717.26	29° 08' 06.39" N	90° 05' 24.94" W
03	232,682.58	3,679,142.76	29° 08' 01.85" N	90° 05' 08.83" W
04	231,249.72	3,678,699.02	29° 07' 47.71" N	90° 05' 14.01" W

PROPOSED OFFSHORE NO. 3 CONVEYANCE CORRIDOR					
POINT NO.	STATION	NORTHING	EASTING	LATITUDE	LONGITUDE
01	0+00.00	236,685.46	3,686,288.45	29° 08' 40.69" N	90° 03' 47.77" W
02	114+53.00	245,888.74	3,679,471.84	29° 10' 12.54" N	90° 05' 03.50" W

PERMITTED UPPER BELLE PASS PUMPOUT AREA BOUNDARY				
POINT NO.	NORTHING	EASTING	LATITUDE	LONGITUDE
01	222,303.78	3,639,310.10	29° 06' 23.19" N	90° 12' 39.17" W
02	221,917.25	3,638,751.02	29° 06' 19.41" N	90° 12' 45.51" W
03	222,024.18	3,638,677.08	29° 06' 20.47" N	90° 12' 46.33" W
04	222,411.15	3,639,236.16	29° 06' 24.25" N	90° 12' 39.99" W


PERMITTED LOWER BELLE PASS PUMPOUT AREA BOUNDARY				
POINT NO.	NORTHING	EASTING	LATITUDE	LONGITUDE
01	214,224.44	3,634,831.36	29° 05' 03.64" N	90° 13' 30.53" W
02	215,404.23	3,635,050.70	29° 05' 15.29" N	90° 13' 27.93" W
03	215,427.93	3,634,922.88	29° 05' 15.54" N	90° 13' 29.37" W
04	214,252.18	3,634,704.23	29° 05' 03.92" N	90° 13' 31.96" W

BY	DESCRIPTION	DATE		COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801	CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II	ALIGNMENT TABLES
DRAWN BY: STEVE DARTEZ			DESIGNED BY: MICHAEL T. POFF, P.E.	APPROVED BY: SHANNON HAYNES, P.E.	FEDERAL PROJECT NUMBER: BA-45	SHEET 33 OF 34

PERMITTED LOWER BELLE PASS CONVEYANCE CORRIDOR					
POINT NO.	STATION	NORTHING	EASTING	LATITUDE	LONGITUDE
LBP1	0+00.00	215404.21	3635050.70	29° 05' 15.30" N	90° 13' 27.85" W
LBP2	4+68.30	215317.04	3635510.82	29° 05' 14.39" N	90° 13' 22.67" W
LBP3	7+30.14	215197.83	3635743.95	29° 05' 13.19" N	90° 13' 20.06" W

PROPOSED SOUTH PELTO BORROW AREA BOUNDARY				
POINT NO.	NORTHING	EASTING	LATITUDE	LONGITUDE
01	150,564.99	3,506,021.70	28° 54' 43.55" N	90° 37' 46.49" W
02	148,759.10	3,506,940.29	28° 54' 25.62" N	90° 37' 36.28" W
03	150,583.53	3,510,526.96	28° 54' 43.46" N	90° 36' 55.80" W
04	148,848.02	3,511,219.93	28° 54' 26.24" N	90° 36' 48.13" W
05	151,068.59	3,515,585.39	28° 54' 47.95" N	90° 35' 58.86" W
06	152,767.04	3,512,256.30	28° 55' 04.97" N	90° 36' 36.19" W
07	152,038.50	3,510,432.63	28° 54' 57.87" N	90° 36' 56.76" W
08	152,376.14	3,507,116.75	28° 55' 01.42" N	90° 37' 34.05" W

PERMITTED UPPER BELLE PASS CONVEYANCE CORRIDOR					
POINT NO.	STATION	NORTHING	EASTING	LATITUDE	LONGITUDE
01	0+00.00	222091.75	3639003.97	29° 06' 21.12" N	90° 12' 42.56" W
02	3+88.79	221773.45	3538780.71	29° 06' 17.99" N	90° 12' 45.11" W
03	4+74.39	221724.82	3638710.26	29° 06' 17.51" N	90° 12' 45.91" W
04	10+11.91	221601.22	3638187.15	29° 06' 16.34" N	90° 12' 51.82" W
05	14+55.81	221362.53	3637812.89	29° 06' 14.01" N	90° 12' 56.07" W
06	23+96.61	220714.86	3637130.51	29° 06' 07.67" N	90° 13' 03.83" W
07	33+31.19	220002.85	3636525.13	29° 06' 00.68" N	90° 13' 10.73" W
08	42+80.25	219182.04	3636048.70	29° 05' 52.60" N	90° 13' 16.19" W
09	52+57.05	218269.41	3635700.51	29° 05' 43.60" N	90° 13' 20.21" W
10	59+87.28	217578.75	3635463.41	29° 05' 36.78" N	90° 13' 22.96" W
11	66+76.94	216912.61	3635284.84	29° 05' 30.21" N	90° 13' 25.05" W
12	72+11.68	216389.41	3635174.33	29° 05' 25.04" N	90° 13' 26.35" W
13	80+29.91	215593.47	3635364.00	29° 05' 17.14" N	90° 13' 24.30" W
14	83+42.91	215317.04	3635510.82	29° 05' 14.39" N	90° 13' 22.67" W
15	86+04.75	215197.83	3635743.95	29° 05' 13.19" N	90° 13' 20.06" W

BY	DESCRIPTION	DATE		COASTAL PROTECTION AND RESTORATION AUTHORITY 450 LAUREL STREET BATON ROUGE, LOUISIANA 70801	CAMINADA HEADLAND BEACH AND DUNE RESTORATION INCREMENT - II	ALIGNMENT TABLES
DRAWN BY: STEVE DARTEZ			DESIGNED BY: MICHAEL T. POFF, P.E.	APPROVED BY: SHANNON HAYNES, P.E.	FEDERAL PROJECT NUMBER: BA-45	SHEET 34 OF 34