NO EXCAVATION AREA UNLESS CONTRACTOR COORDINATES EXCAVATION IN THIS AREA WITH PIPELINE OWNERS (CONTRACTOR TO USE EXTREME CAUTION IN THIS AREA)

UPON COMPLETION OF THIS PROJECT, THE PRIMARY DIKES SHALL BE LEFT IN PLACE BY THE CONTRACTOR. THE CONTRACTOR IS REQUIRED TO MAINTAIN THE PRIMARY DIKES DURING THE PROJECT AND SHALL PREVENT ANY BREACHES OF THE DIKES FOR THE DURATION OF THIS PROJECT.

JETTY EXCAVATION AREA (SEE SHEET 23 FOR DETAIL)

NOTES:
1. PHOTOGRAPH TAKEN IN 2008.
2. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
3. LAND EQUIPMENT/MARSH BUGGY ACCESS WILL BE RESTRICTED TO CONSTRUCTION AREAS ONLY. TRACKING THROUGH EXISTING MARSH OUTSIDE THE PROJECT AREA IS PROHIBITED.
4. MINOR ALIGNMENT CHANGES THAT DO NOT IMPACT VEGETATED WETLANDS MAY BE EXECUTED IN THE FIELD.

LEGEND:
// MARSH HYDRAULIC FILL
\FILL SOURCE FOR PRIMARY DIKE
\ SETTLEMENT PLATE
\ PROBABLE OIL & GAS INFRASTRUCTURE
\ PROJECT BASELINE
\ SAND FENCING

PELICAN ISLAND RESTORATION (BA-38-1) CWPPRA PROJECT
PROJECT PLAN VIEW

COASTAL PLANNING & ENGINEERING, INC.
2441 S.W. 68TH AVENUE
MIAMI, FLORIDA 33143
T.E. (305) 761-0002
FAX (305) 761-9993
www.CoastalPlanning.net

TITLE:

DATE: 11/24/09

TM: 7208-31

COMM. NO.: 7208-31
NOTES:

1. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.

2. CONTOURS SHOWN HEREON ARE IN FEET AND DERIVED FROM THE BATHYMETRIC SURVEY CONDUCTED BY CPE, MAY 2003.

3. PIPELINE LAYOUTS FROM: THE GULF OF MEXICO GIS MAP VIEWER CD, BY OILFIELD PUBLICATIONS LIMITED (OPL); LOUISIANA GIS CD: 4 DIGITAL MAP OF THE STATE, 2 CD SET; AND GROUND TRUTHING BY CPE.

4. ELEVATIONS SHOWN ARE IN FEET BASED ON NAVD 88.
NOTE:
1. VIBRACORES MAY NOT FALL DIRECTLY ON CROSS SECTION LINE, BUT ARE LOCATED SUFFICIENTLY CLOSE TO REPRESENT SIMILAR MATERIAL.
2. SEE SHEET 4 FOR LOCATION OF CROSS SECTION LINES.
3. ELEVATIONS SHOWN ARE IN FEET REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
4. MAXIMUM DEPTH OF EQUIPMENT IS 3 FEET BELOW THE DESIGN CUT DEPTH.

LEGEND:
- EMVC-02-17 DENOTES CPE 2002 VIBRACORE LOCATION
- 1: Silt/Clay/Sand (Primary Dredge Area)
- 2: Silt/Clay Layer

SCALE: 1" = 1000' HORIZONTAL
1" = 20' VERTICAL

COASTAL PLANNING & ENGINEERING, INC.
2811 N.E. BOCA RATON BOULEVARD
BOCA RATON, FLORIDA 33431
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PELICAN ISLAND RESTORATION
(BA-38-1) CWPPRA PROJECT
EMPIRE BORROW AREA CROSS SECTION
NOTES:
1. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
3. PIPELINE LAYOUTS FROM THE GULF OF MEXICO GIS MAP VIEWER CD, BY OILFIELD PUBLICATIONS LIMITED (OPL). THE LOUISIANA GIS CD: A DIGITAL MAP OF THE STATE, 2 CD SET; AND GROUND TRUTHING BY CPE.
4. ELEVATIONS SHOWN ARE IN FEET REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

LEGEND
- MAGNETIC ANOMALY
- MAGNETIC ANOMALY WITH BUFFER RECOMMENDED FOR INVESTIGATION OR AVOIDANCE
- PIPELINES
- 2ND SEISMIC REFLECTOR CONTOUR

REVISIONS

DATE     BY       DESCRIPTION
5/7/07    JRC      REVISED CUTS
5/10/07   DTM      REVISED CUTS PER NOAA

COMM NO.
7261.31

SHEET
B
SANDY POINT NW BORROW AREA
CROSS SECTION SP1-SP1'

NOTES:
1. VIBRACORES MAY NOT FALL DIRECTLY ON CROSS SECTION LINE, BUT ARE LOCATED SUFFICIENTLY CLOSE TO REPRESENT SIMILAR MATERIAL.
2. SEE SHEET 6-8 FOR LOCATION OF CROSS SECTION LINES.
3. ELEVATIONS SHOWN ARE IN FEET REFERenced TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
4. BEACH COMPATIBLE SEDIMENTS DELINEATED FROM VIBRACORES. ADDITIONAL COMPATIBLE SEDIMENTS MAY BE PRESENT BELOW THE INTERMITTENT ACOUSTIC REFLECTOR.
5. SEISMIC SURVEY CONDUCTED MAY 2003 BY CPE.
6. MAXIMUM DEPTH OF EQUIPMENT IS 3 FEET BELOW DESIGN CUT DEPTH.

LEGEND:
SPVC-03-03 DENOTES CPE 2003 VIBRACORE LOCATION
--- MAXIMUM DEPTH OF EQUIPMENT

--- MAXIMUM DEPTH OF EQUIPMENT

SCALE: 1" = 1000' HORIZONTAL
1" = 20' VERTICAL

PELICAN ISLAND RESTORATION
(BA-38-1) CWPPRA PROJECT
SANDY POINT NW BORROW AREA CROSS SECTIONS
SANDY POINT NW DISPOSAL SITE
CROSS SECTION DS1-DS1'

MIN. DEPTH:
EL. = -27.0' NAVD

EL. = -33.4' NAVD
MAY 2003
BATHYMETRY

EL. = -32.5' NAVD

DISTANCE FROM DS1 (FEET)
0+00 5+00 10+00 15+00 20+00 25+00 30+00

ELEVATION (FEET, NAVD)
-30
-40
-50

NOTE:
1. ELEVATIONS SHOWN ARE IN FEET REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

LEGEND:
== OVERBURDEN DISPOSAL

SCALE: 1" = 500' HORIZONTAL
1" = 10' VERTICAL

PELICAN ISLAND RESTORATION
(BA-38-1) CWPPRA PROJECT
SANDY POINT NW DISPOSAL AREA CROSS SECTION

COASTAL PLANNING & ENGINEERING, INC.
2405 S.W. 52nd Avenue, Suite 110
Fort Lauderdale, Florida 33312
www.CoastalPlanning.net
OVERBURDEN DISPOSAL SITE
(MINIMUM DISPOSAL DEPTH:
EL = -25.0 NAVD)

SOUTHEAST
DISPOSAL SITE

LIMITS OF
DISCHARGE
PIPE

GULF
OF
MEXICO

SP4

SP5

SP6

VOLUME SUMMARY
OVERBURDEN = 1,318,000cy
BEACH FILL = 3,869,000cy
OVER DREDGE = 445,000cy
TOTAL DREDGE VOL. = 5,632,000cy
DISPOSAL SITE VOL. = 1,927,000cy

NOTES:
1. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA
SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
2. CONTOURS SHOWN ARE IN FEET AND DERIVED FROM THE
BATHYMETRIC SURVEY CONDUCTED BY CPE, MAY 2003.
3. PIPELINE LAYOUTS FROM: THE GULF OF MEXICO GIS MAP
VIEWER CD, BY OILFIELD PUBLICATIONS LIMITED (OPL); THE
LOUISIANA GIS CD: A DIGITAL MAP OF THE STATE, 2 CD SET;
AND GROUND TRUTHING BY CPE.
4. ELEVATIONS SHOWN ARE IN FEET REFERENCED TO NORTH
AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

PELICAN ISLAND RESTORATION
(IBA-38-1) CWPRA PROJECT
SANDY POINT SE BORROW AREA BATHYMETRY

LEGEND:
DENOTES CPE 2003 VIBRACORE LOCATION
DENOTES CPE 2005 VIBRACORE LOCATION
DENOTES MAGNETIC ANOMALY
MAGNETIC ANOMALY WITH BUFFER
RECOMMENDED FOR INVESTIGATION
OR AVOIDANCE
PIPLINES
BATHYMETRIC CONTOUR

REVISIONS
DATE
BY
DESCRIPTION
12/17/03
JRC
REVISED CUTS
2/10/07
JRC
REVISED CUTS PER NOAA

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www.coastalplanning.com
OVERBURDEN DISPOSAL SITE
(MINIMUM DISPOSAL DEPTH:
EL. = -25.0 NAVD)

GULF OF MEXICO

VOLUME SUMMARY
OVERBURDEN = 1,318,000 cy
BEACH FILL = 3,869,000 cy
OVER DREDGE = 445,000 cy
TOTAL DREDGE VOL. = 5,832,000 cy
DISPOSAL SITE VOL. = 1,927,000 cy

NOTES:
1. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA
   SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
2. CONTOURS SHOWN ARE IN FEET AND DEPICT THE FIRST SEISMIC
   REFLECTOR DERIVED FROM THE SEISMIC SURVEY CONDUCTED
   BY CPE, MAY 2003.
3. PIPELINE LAYOUTS FROM: THE GULF OF MEXICO GIS MAP,
   VIEWER CD; BY OILFIELD PUBLICATIONS LIMITED (OPL); THE
   LOUISIANA GIS CD: A DIGITAL MAP OF THE STATE, 2 CD SET; AND
   GROUND TRUTHING BY CPE.
4. ELEVATIONS SHOWN ARE IN FEET REFERENCED TO NORTH
   AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

LEGEND:
DENOTES CPE 2003 VIBRACORE LOCATION
DENOTES MAGNETIC ANOMALY
MAGNETIC ANOMALY WITH BUFFER
RECOMMENDED FOR INVESTIGATION
OR AVOIDANCE

REVISIONS

DATE
07/17/03
07/10/06
09/10/07

DESCRIPTION
STR REVISIONS CD
TOM TAD BAI REMOVED
TOM REVISIONS CD PD NDA

COMM NO: 7261.31
SHEET: 13
OVERBURDEN DISPOSAL SITE
(MINIMUM DISPOSAL DEPTH:
EL. = -25.0 NAVD)

SP4
CUT TO
-70 NAVD

SP5
CUT TO
-75 NAVD

SP6
CUT TO
-68 NAVD

SP6'
CUT TO
-66 NAVD

CUT TO
-62 NAVD

SP5'
CUT TO
-70 NAVD

GULF OF
MEXICO

SOUTHEAST
DISPOSAL SITE

DS2

LIMITS OF
DISCHARGE
PIPE

VOLUME SUMMARY
OVERBURDEN = 1,318,000cy
BEACH FILL = 3,869,000cy
OVER DREDGE = 445,000cy
TOTAL DREDGE VOL. = 5,632,000cy
DISPOSAL SITE VOL. = 1,927,000cy

NOTES:
1. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA
   SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
2. CONTOURS SHOWN ARE IN FEET AND DEPICT THE ELEVATION OF
   THE SECOND SEISMIC REFLECTOR DERIVED FROM THE SEISMIC
   SURVEY CONDUCTED BY CPE, MAY 2003.
3. PIPELINE LAYOUTS FROM: THE GULF OF MEXICO GIS MAP
   VIEWER CD, BY OILFIELD PUBLICATIONS LIMITED (OPL); THE
   LOUISIANA GIS CD: A DIGITAL MAP OF THE STATE, 2 CD SET; AND
   GROUND TRUTHING BY CPE.
4. ELEVATIONS SHOWN ARE IN FEET REFERENCED TO NORTH
   AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

LEGEND:
DENOTES CPE 2003 VIBRACORE LOCATION
DENOTES MAGNETIC ANOMALY
MAGNETIC ANOMALY WITH BUFFER
RECOMMENDED FOR INVESTIGATION
OR AVOIDANCE
-------------
Pipelines

2ND SESMIC REFLECTOR CONTOUR

DATE: 11/7/03
ST: JRC
COMM NO: 7261.31

REV: DESCRIPT
1/27/03 STR REVISED CUTS
2/10/03 TRM new Sandy Point BA Removed
6/7/07 TRM REVISED CUTS PER NOAA
SANDY POINT SE BORROW AREA
CROSS SECTION SP4-SP4'
SANDY POINT SE BORROW AREA
CROSS SECTION SP5-SP5'

NOTES:
1. VIBRACORES MAY NOT FALL DIRECTLY ON CROSS SECTION LINE, BUT ARE LOCATED SUFFICIENTLY CLOSE TO REPRESENT SIMILAR MATERIAL.
2. SEE SHEET 12-14 FOR LOCATION OF CROSS SECTION LINES.
3. ELEVATIONS SHOWN ARE IN FEET REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
4. BEACH COMPATIBLE SEDIMENTS DelineATED FROM VIBRACORES.
5. SEISMIC SURVEY CONDUCTED MAY 2003 BY CPE.
6. MAXIMUM DEPTH OF EQUIPMENT IS 3 FEET BELOW DESIGN CUT DEPTH.

LEGEND:
- MAXIMUM DEPTH OF EQUIPMENT

SCALE: 1" = 1000' HORIZONTAL
1" = 20' VERTICAL

COASTAL PLANNING & ENGINEERING, INC.
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PELICAN ISLAND RESTORATION
(BA-38-1) CWPPRA PROJECT
SANDY POINT SE BORROW AREA CROSS SECTIONS
NOTE:
ELEVATIONS SHOWN HEREON ARE IN FEET
BASED ON NAVD 1988.

LEGEND:
- MARSH FILL
- BEACH & DUNE FILL
- PRIMARY DIKE
- FILL SOURCE FOR PRIMARY DIKE
NOTE:
ELEVATIONS SHOWN HEREON ARE IN FEET
BASED ON NAVD 1988.

LEGEND:
- MARSH FILL
- BEACH & DUNE FILL
- PRIMARY DIKE
- FILL SOURCE FOR PRIMARY DIKE
NOTE:
ELEVATIONS SHOWN HEREON ARE IN FEET
BASED ON NAVD 1988.

LEGEND:
- MARSH FILL
- BEACH & DUNE FILL
- PRIMARY DIKE
- FILL SOURCE FOR PRIMARY DIKE

COASTAL PLANNING & ENGINEERING, INC.
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PELICAN ISLAND RESTORATION
(BA-38-1) CWPPRA PROJECT
FILL CROSS SECTIONS
TYPICAL FILL CROSS SECTION DETAIL

LEGEND:
- MARSH FILL
- PRIMARY DIKE
- SECONDARY FILL SOURCE FOR PRIMARY DIKE

SCALE: 1" = 50' HORIZONTAL
1" = 5' VERTICAL

PELICAN ISLAND RESTORATION
(BA-38-1) CWPPRA PROJECT
TYPICAL FILL CROSS SECTION DETAIL
LEGEND:
- - - BASELINE
- - - - CROSS SECTIONS

NOTES:
1. EASTERN IMAGE FROM NATIONAL AGRICULTURE IMAGERY PROGRAM (NAIP), 2009. WESTERN IMAGE WAS FLOWN BY GULF COAST AERIAL MAPPING, SEPTEMBER 17, 2007.
2. COORDINATES SHOWN HEREON ARE BASED ON LOUISIANA SOUTH STATE PLANE COORDINATE SYSTEM IN FEET, NAD 1983.
NOTE:
1. CROSS SECTIONS J4 & J6 & J8 VIEWED LOOKING NORTH. CROSS SECTION J1 VIEWED LOOKING WEST.
2. EXISTING ELEVATIONS WERE COLLECTED AT DISCRETE LOCATIONS. ELEVATIONS BETWEEN DISCRETE ELEVATIONS ARE SHOWN AS LINEAR FEATURES. SOME VARIATIONS SHOULD BE EXPECTED.
3. EXCAVATE EXISTING PROFILE AS NECESSARY TO PLACE ARMOR STONE AND FOUNDATION TO ACHIEVE THE SPECIFIC GRADE.
4. VERTICAL TOLERANCES ARE ±6 INCHES TO THE DESIGN SURFACE. HORIZONTAL TOLERANCES ARE ±2 FEET.
5. ARMOR STONE AND CORE STONE TO BE TAKEN FROM THE SOUTHERN 250 FEET OF THE EASTERN AND WESTERN JETTIES AND THE SPUR ON THE WESTERN JETTY.
6. ARMOR STONE ON THE JETTY RANGES FROM 1 TO 6 TONS.

PELICAN ISLAND RESTORATION (BA-38-1) CWPPRA PROJECT
JETTY CROSS SECTIONS
NOTE:

1. CROSS SECTIONS J4 & J6 & J8 VIEWED LOOKING NORTH. CROSS SECTION J1 VIEWED LOOKING WEST.
2. EXISTING ELEVATIONS WERE COLLECTED AT DISCRETE LOCATIONS. ELEVATIONS BETWEEN DISCRETE ELEVATIONS ARE SHOWN AS LINEAR FEATURES. SOME VARIATIONS SHOULD BE EXPECTED.
3. EXCAVATE EXISTING PROFILE AS NECESSARY TO PLACE ARMOR STONE AND FOUNDATION TO ACHIEVE THE SPECIFIC GRADE.
4. VERTICAL TOLERANCES ARE ±6 INCHES TO THE DESIGN SURFACE. HORIZONTAL TOLERANCES ARE ±2 FEET.
5. ARMOR STONE AND CORE STONE TO BE TAKEN FROM THE SOUTHERN 250 FEET OF THE EASTERN AND WESTERN JETTIES AND THE SPUR ON THE WESTERN JETTY.
6. ARMOR STONE ON THE JETTY RANGES FROM 1 TO 6 TONS.
NOTE:
1. CROSS SECTIONS J4 & J8 & JB VIEWED LOOKING NORTH. CROSS SECTION J1 VIEWED LOOKING WEST.
2. EXISTING ELEVATIONS WERE COLLECTED AT DISCRETE LOCATIONS. ELEVATIONS BETWEEN DISCRETE ELEVATIONS ARE SHOWN AS LINEAR FEATURES. SOME VARIATIONS SHOULD BE EXPECTED.
3. EXCAVATE EXISTING PROFILE AS NECESSARY TO PLACE ARMOR STONE AND FOUNDATION TO ACHIEVE THE SPECIFIC GRADE.
4. VERTICAL TOLERANCES ARE ±6 INCHES TO THE DESIGN SURFACE. HORIZONTAL TOLERANCES ARE ±2 FEET.
5. ARMOR STONE AND CORE STONE TO BE TAKEN FROM THE SOUTHERN 250 FEET OF THE EASTERN AND WESTERN JETTIES AND THE SPUR ON THE WESTERN JETTY.
6. ARMOR STONE ON THE JETTY RANGES FROM 1 TO 6 TONS.
NOTE:

1. CROSS SECTIONS J4 & J6 VIEWED LOOKING NORTH. CROSS SECTION J1 VIEWED LOOKING WEST.

2. EXISTING ELEVATIONS WERE COLLECTED AT DISCRETE LOCATIONS. ELEVATIONS BETWEEN DISCRETE ELEVATIONS ARE SHOWN AS LINEAR FEATURES. SOME VARIATIONS SHOULD BE EXPECTED.

3. EXCAVATE EXISTING PROFILE AS NECESSARY TO PLACE ARMOR STONE TO ACHIEVE THE SPECIFIC GRADE.
NOTE:
1. CROSS SECTIONS J4 & J6 VIEWED LOOKING NORTH. CROSS
   SECTION J1 VIEWED LOOKING WEST.
2. EXISTING ELEVATIONS WERE COLLECTED AT DISCRETE LOCATIONS.
   ELEVATIONS BETWEEN DISCRETE ELEVATIONS ARE SHOWN AS
   LINEAR FEATURES. SOME VARIATIONS SHOULD BE EXPECTED.
3. EXCAVATE EXISTING PROFILE AS NECESSARY TO PLACE ARMOR
   STONE TO ACHIEVE THE SPECIFIC GRADE.
NOTES:

1. CROSS SECTION VIEWED LOOKING NORTHEAST.
2. VERTICAL TOLERANCES ARE ±6 INCHES TO THE DESIGN SURFACE. HORIZONTAL TOLERANCES ARE ±2 FEET.
3. BOULDERS DRAWN IN CROSS SECTION ARE FOR PICTORIAL PURPOSES ONLY. CONTRACTOR SHALL UTILIZE THE MATERIAL AND TOLERANCES SPECIFIED TO ACHIEVE THE LINES AND GRADES OF THE DESIGN.
4. ARMOR STONE AND CORE STONE TO BE TAKEN FROM THE SOUTHERN 250 FEET OF THE EASTERN AND WESTERN JETTY AND THE SPUR ON THE WESTERN JETTY.
5. ARMOR STONE ON THE JETTY RANGES FROM 1 TO 6 TONS.

PELICAN ISLAND RESTORATION PROJECT
BA-38-1
JETTY EXTENSION TYPICAL CROSS SECTION
NOTE:
1. CROSS SECTIONS S3 & S5 VIEWED LOOKING NORTH. CROSS SECTION S1 VIEWED LOOKING WEST.
2. EXISTING ELEVATIONS WERE COLLECTED AT DISCRETE LOCATIONS. ELEVATIONS BETWEEN DISCRETE ELEVATIONS ARE SHOWN AS LINEAR FEATURES. SOME VARIATIONS SHOULD BE EXPECTED.
3. EXCAVATE EXISTING PROFILE AS NECESSARY TO PLACE ARMOR STONE TO ACHIEVE THE SPECIFIC GRADE.

COASTAL PLANNING & ENGINEERING, INC.

PELICAN ISLAND RESTORATION (BA-38-1) CWPPRA PROJECT
SPUR CROSS SECTIONS
PROFILE S1

AUG 2007 SPUR
AUG 2007 MUDLINE

MATCHLINE SHEET 27

NOTE:
1. CROSS SECTIONS S3 & S5 VIEWED LOOKING NORTH. CROSS SECTION S1 VIEWED LOOKING WEST.
2. EXISTING ELEVATIONS WERE COLLECTED AT DISCRETE LOCATIONS. ELEVATIONS BETWEEN DISCRETE ELEVATIONS ARE SHOWN AS LINEAR FEATURES. SOME VARIATIONS SHOULD BE EXPECTED.
3. EXCAVATE EXISTING PROFILE AS NECESSARY TO PLACE ARMOR STONE TO ACHIEVE THE SPECIFIC GRADE.
NOTE:

1. CROSS SECTIONS S3 & S5 VIEWED LOOKING NORTH.
   CROSS SECTION S1 VIEWED LOOKING WEST.
2. EXISTING ELEVATIONS WERE COLLECTED AT DISCRETE
   LOCATIONS. ELEVATIONS BETWEEN DISCRETE ELEVATIONS
   ARE SHOWN AS LINEAR FEATURES. SOME VARIATIONS
   SHOULD BE EXPECTED.
3. EXCAVATE EXISTING PROFILE AS NECESSARY TO PLACE
   ARMOR STONE TO ACHIEVE THE SPECIFIC GRADE.
PROFILE S5

- - - - AUG 2007 SPUR
- - - - AUG 2007 MUDLINE

NOTE:
1. CROSS SECTIONS S3 & S5 VIEWED LOOKING NORTH.
   CROSS SECTION S1 VIEWED LOOKING WEST.
2. EXISTING ELEVATIONS WERE COLLECTED AT DISCRETE
   LOCATIONS. ELEVATIONS BETWEEN DISCRETE ELEVATIONS
   ARE SHOWN AS LINEAR FEATURES. SOME VARIATIONS
   SHOULD BE EXPECTED.
3. EXCAVATE EXISTING PROFILE AS NECESSARY TO PLACE
   ARMOR STONE TO ACHIEVE THE SPECIFIC GRADE.

PELICAN ISLAND RESTORATION
(BA-38-1) CWPPRA PROJECT
SPUR CROSS SECTIONS