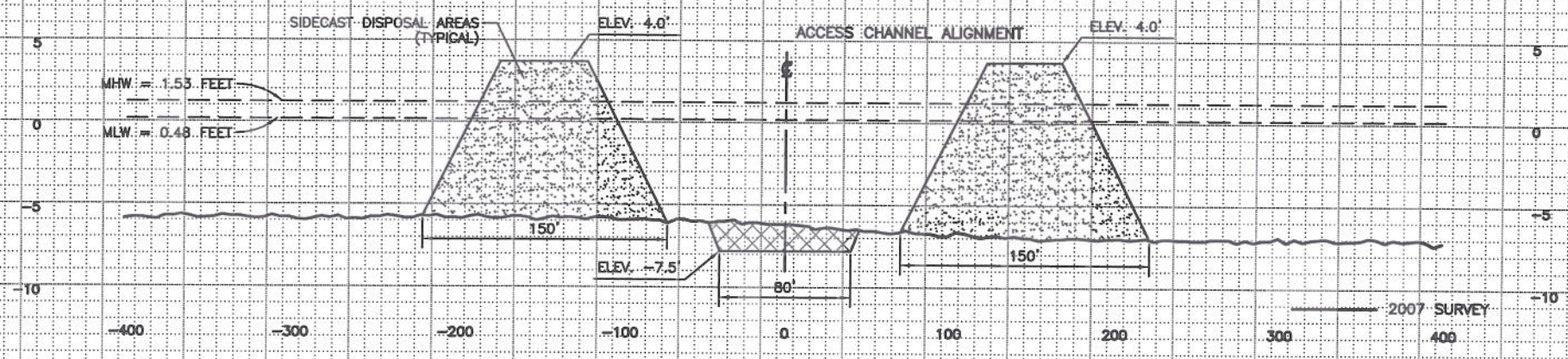
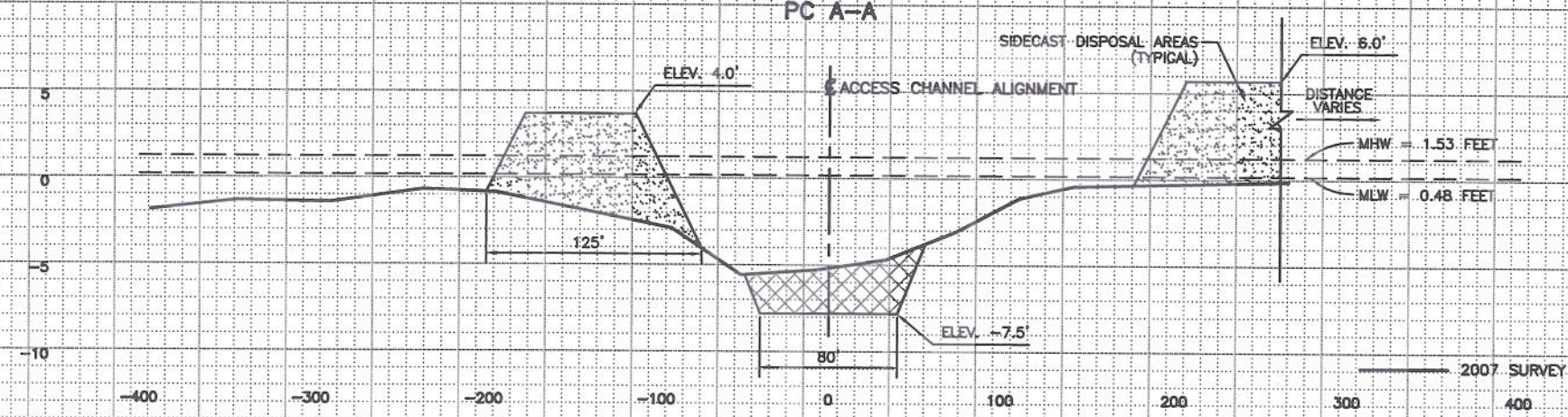
SCALES: HORIZONTAL: 1"=100'
VERTICAL: 1"=10'
ELEVATIONS ARE NAVD88 (GEOID99) FEET

NOTES:

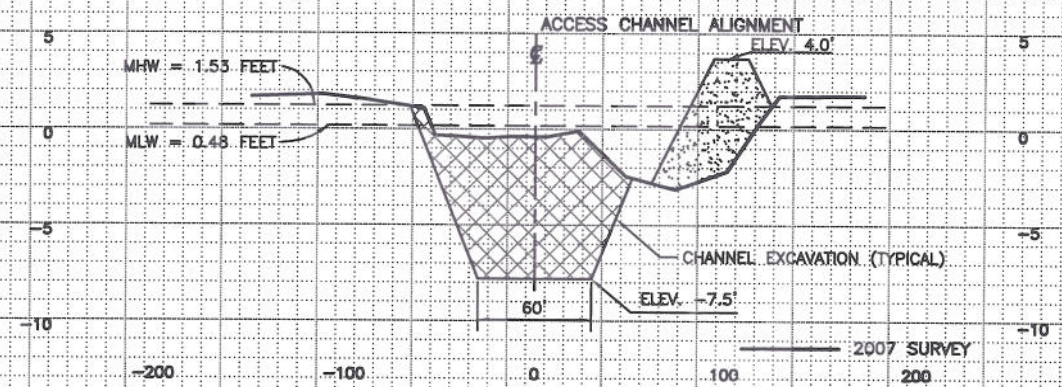
1. SIDECAST DISPOSAL AREAS SHALL BE MARKED DURING CONSTRUCTION IN ACCORDANCE WITH USCG STANDARDS. UPON DEMOBILIZATION, SIDECAST DISPOSAL AREAS SHALL BE RESTORED TO ± 0.5' OF PRE-CONSTRUCTION GRADE UPON DEMOBILIZATION.
2. THE CONTRACTOR SHALL BE ALLOWED TO FIELD FIT THE ACCESS CHANNEL ALIGNMENT FROM AC-1 THROUGH WE-1 (SHOWN ON SHEET 4) TO FACILITATE EQUIPMENT ACCESS BASED ON PRE-CONSTRUCTION SURVEYS. ACCESS CHANNEL SPOIL FROM AC-9 THROUGH WE-1 (SHOWN ON SHEET 4) MAY BE TEMPORARILY PLACED IN THE SHALLOW ENDS OF THE EXISTING CHANNEL AND/OR THE SIDECAST DISPOSAL AREAS SHOWN ON THE PLANS. NO MATERIAL PLACEMENT WILL BE ALLOWED ON ANY EXISTING MARSH VEGETATION. THE USE OF THIS MATERIAL SHALL CONFORM TO TS-12.
3. THE SIDE SLOPES SHOWN FOR THE SIDECAST DISPOSAL AREAS ARE FOR INFORMATIONAL PURPOSES ONLY.



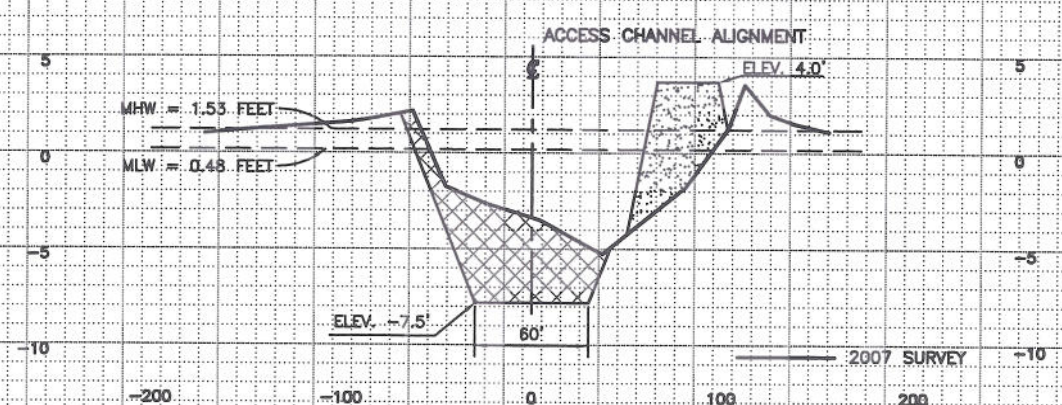
PC A-A



PC B-B



PC C-C



PC D-D

BENCH MARK STATION NAME: "RONQUILLE 2"

LOCATION: ADJUSTED NAD83 GEODETIC POSITION
LAT. 29°18'25.65099"N
LONG. 89°43'29.14084"W

ADJUSTED NAD 1983 DATUM LSZ (1702) FEET
N= 297,126.23
E= 3,793,517.87
GEOID03(05) HEIGHT = -24.020 METERS
ELLIPSOID HEIGHT = -22.172 METERS

MEASURED ELEVATION OF BENCHMARK REFERENCED TO GEOID99 ON APRIL 18, 2007 = 6.444 FEET

MEASURED ELEVATION OF BENCHMARK REFERENCED TO GEOID03(05) ON APRIL 18, 2007 = 6.066 FEET

TIDAL DATUM REFERENCED TO NOS STATION 8761724 "GRAND ISLE, EAST POINT, LA"
TIDAL EPOCH 1960 - 1978 (5-YEAR SPECIAL UPDATE)
ADJUSTED FOR NAVD88 (GEOID99)

STATE OF LOUISIANA
T. MITCHELL ANDRUS
License No. 30246
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
3/5/08

STATE OF LOUISIANA
CIVIL ENGINEERING
3/5/08

SHEET: 12

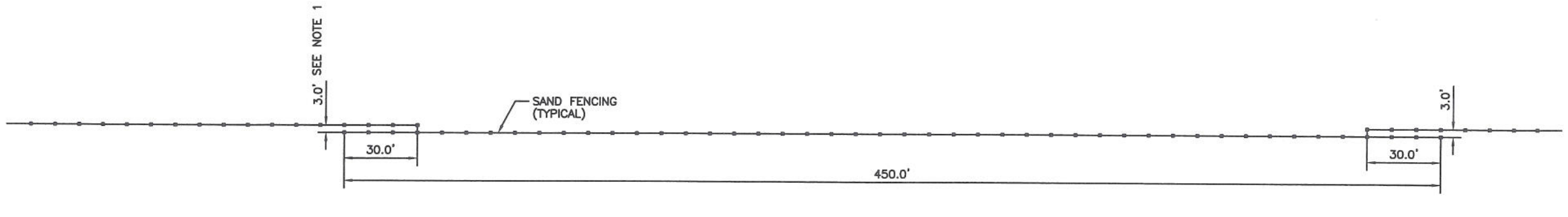
REV.	DATE	BY	DESCRIPTION
1	3/4/08	TMA	ADDENDUM 02

DATE: OCT, 2007
DESIGNED: T.M.A.
CHECKED: M.T.P.
STATE PROJECT NUMBER: BA-35
FEDERAL PROJECT NUMBER: BA-35
APPROVED BY: R.J.J.
SHEET: 12 OF 29
DRAWN: R.P.G./J.S.D.
SCALE: AS NOTED

LOUISIANA DEPARTMENT OF NATURAL RESOURCES
PASS CHALAND TO GRAND BAYOU PASS BARRIER SHORELINE RESTORATION (BA-35)
PASS CHALAND (PC) ACCESS CHANNEL CROSS SECTIONS

SJB GROUP LLC.
P.O. BOX 1751
BATON ROUGE, LA. 70821
PHONE (225) 769-3400
FAX (225) 769-3598

COASTAL ENGINEERING CONSULTANTS INC.
PH: (239) 643-2324
FAX: (239) 643-1143
3106 SOUTH HORSESHOE DRIVE
NAPLES, FLORIDA 34104

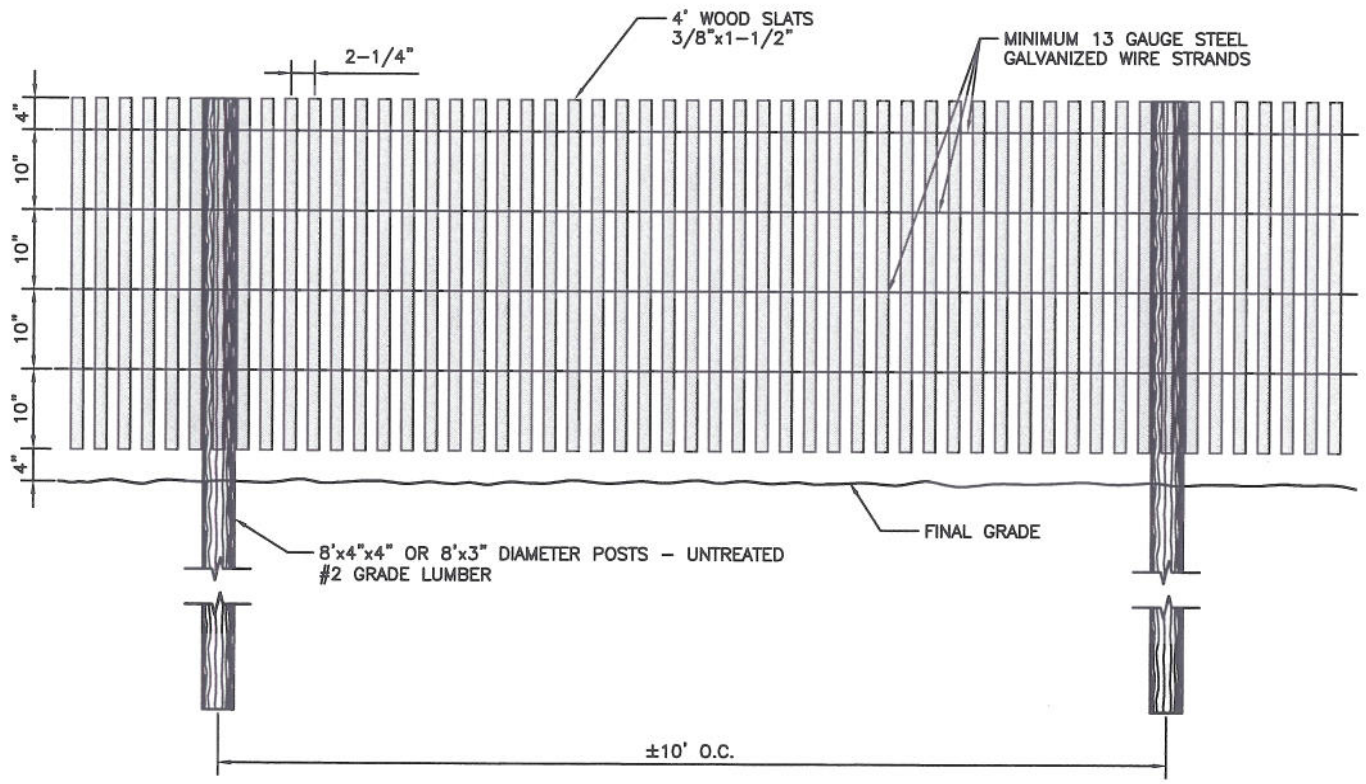


FENCING GAPING DIMENSIONS

SCALE: 1" = 50'

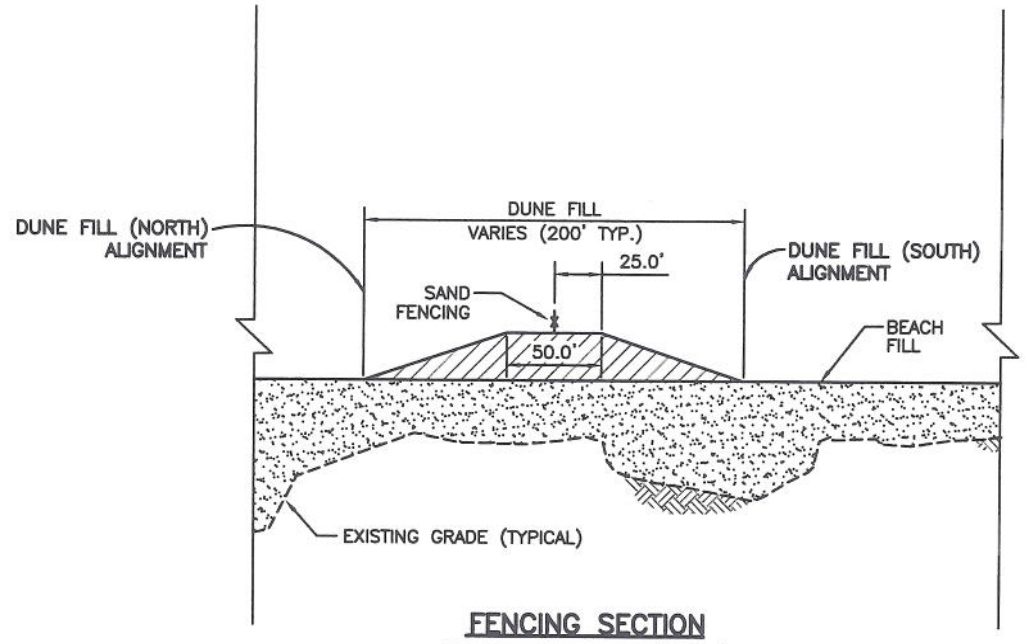
NOTE 1: THE DISTANCE BETWEEN FENCES SHALL BE INCREASED FROM 3.0' TO 6.0' AT EVERY FIFTH GAP TO ALLOW ALL-TERAIN VEHICLE ACCESS.

2: SEE TS-13 "SAND FENCING" FOR DETAILED MATERIAL SPECIFICATIONS.



FENCING DETAIL

NOT TO SCALE



FENCING SECTION

SCALES: HORIZONTAL: 1"=100'
VERTICAL: 1"=10'

STATE OF LOUISIANA
T. MITCHELL ANDRUS
License No. 30246
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
3/5/08

STATE OF LOUISIANA
Robert L. Angelosi, Jr.
REG. NO. 23300
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
3/5/08

SHEET: 15

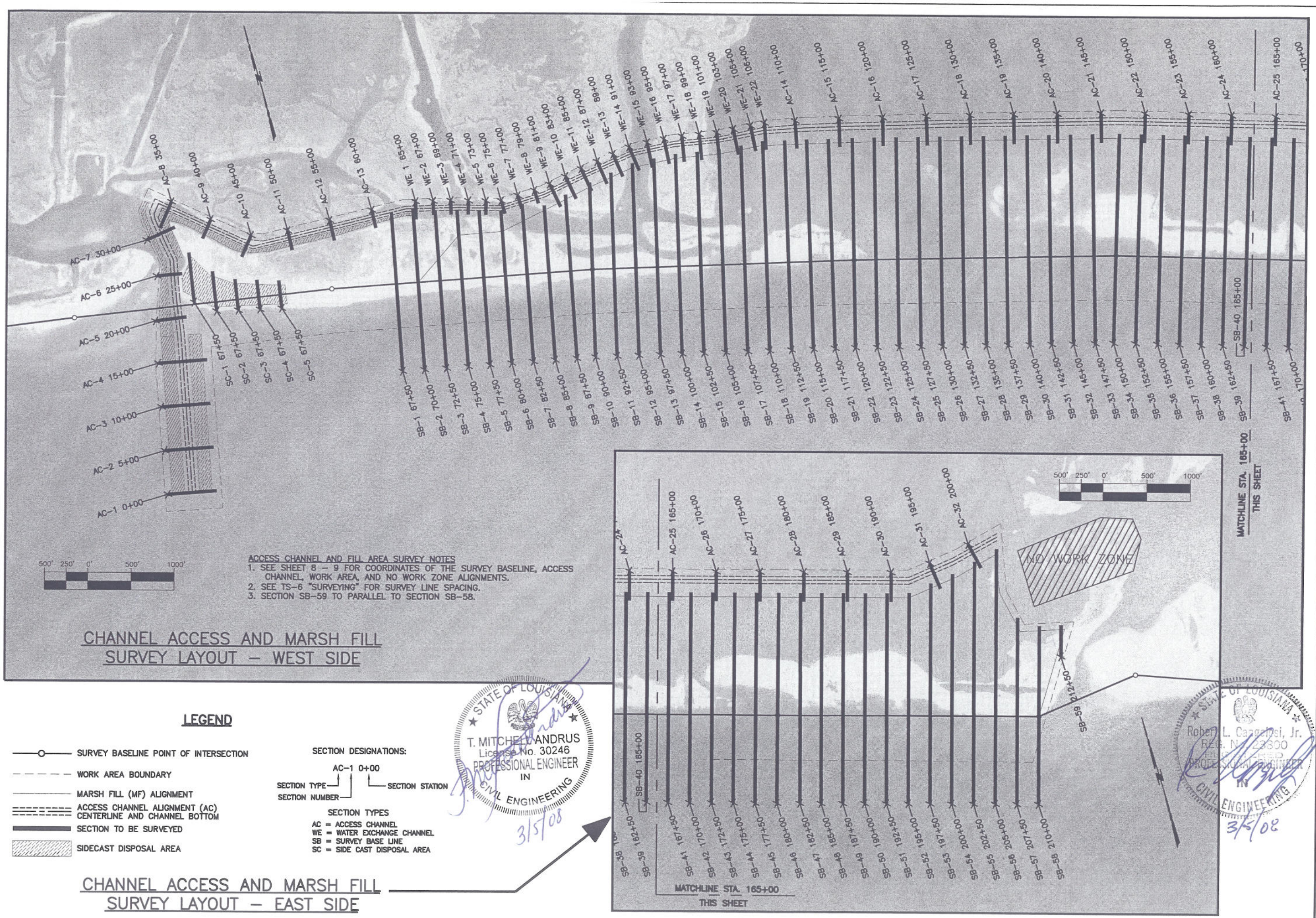
REV.	DATE	BY	DESCRIPTION
1	3/4/08	TMA	ADDENDUM 02

DATE: OCT. 2007
DESIGNED: T.M.A.
CHECKED: M.T.P.
SHEET: 15 OF 29
DRAWN: R.P.G./J.S.D.
SCALE: AS NOTED
STATE PROJECT NUMBER: BA-35
FEDERAL PROJECT NUMBER: BA-35
APPROVED BY: R.J.J.

LOUISIANA DEPARTMENT OF NATURAL RESOURCES
PASS CHALAND TO GRAND BAYOU PASS
BARRIER SHORELINE RESTORATION (BA-35)
SAND FENCING DETAILS

SJB GROUP LLC.
P.O. BOX 1751
BATON ROUGE, LA. 70821
PHONE (225) 769-3400
FAX (225) 769-3598

COASTAL ENGINEERING CONSULTANTS INC.
PH: (239) 643-2324
FAX: (239) 643-1143
3106 SOUTH HORSESHOE DRIVE
NAPLES, FLORIDA 34104



500' 250' 0' 500' 1000'

ACCESS CHANNEL AND FILL AREA SURVEY NOTES
1. SEE SHEET 8 – 9 FOR COORDINATES OF THE SURVEY BASELINE, ACCESS CHANNEL, WORK AREA, AND NO WORK ZONE ALIGNMENTS.
2. SEE TS-6 "SURVEYING" FOR SURVEY LINE SPACING.
3. SECTION SB-59 TO PARALLEL TO SECTION SB-58.

CHANNEL ACCESS AND MARSH FILL SURVEY LAYOUT – WEST SIDE

CHANNEL ACCESS AND MARSH FILL SURVEY LAYOUT – EAST SIDE

LEGEND

- SURVEY BASELINE POINT OF INTERSECTION
- WORK AREA BOUNDARY
- MARSH FILL (MF) ALIGNMENT
- ACCESS CHANNEL ALIGNMENT (AC) CENTERLINE AND CHANNEL BOTTOM
- SECTION TO BE SURVEYED
- SIDECAST DISPOSAL AREA

SECTION DESIGNATIONS:

AC-1 0+00
SECTION TYPE / SECTION NUMBER — SECTION STATION

SECTION TYPES
AC = ACCESS CHANNEL
WE = WATER EXCHANGE CHANNEL
SB = SURVEY BASE LINE
SC = SIDE CAST DISPOSAL AREA

STATE OF LOUISIANA
T. MITCHELL ANDRUS
License No. 30246
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
3/5/08

STATE OF LOUISIANA
Robert L. Cangelosi, Jr.
REG. NO. 23800
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
3/5/08

SHEET: 16

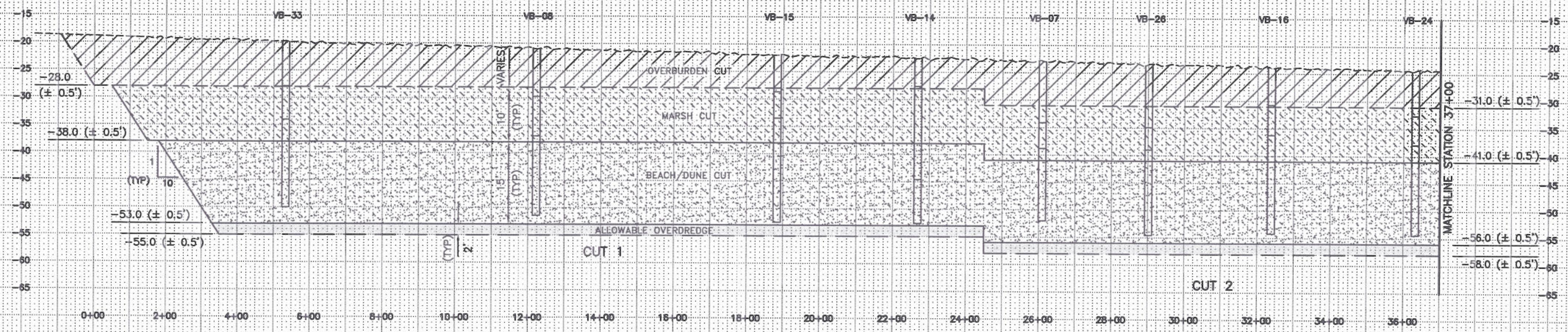
DATE: OCT. 2007	SHEET: 16 OF 29				
DESIGNED: T.M.A.	DRAWN: R.P.G./J.S.D.				
CHECKED: M.T.P.	SCALE: AS NOTED				
STATE PROJECT NUMBER: BA-35					
FEDERAL PROJECT NUMBER: BA-35		1	3/4/08	TMA	ADDENDUM 02
APPROVED BY: R.J.J.		REV.	DATE	BY	DESCRIPTION

LOUISIANA DEPARTMENT OF NATURAL RESOURCES
PASS CHALAND TO GRAND BAYOU PASS BARRIER SHORELINE RESTORATION (BA-35)
ACCESS CHANNEL AND FILL AREA SURVEY LAYOUT

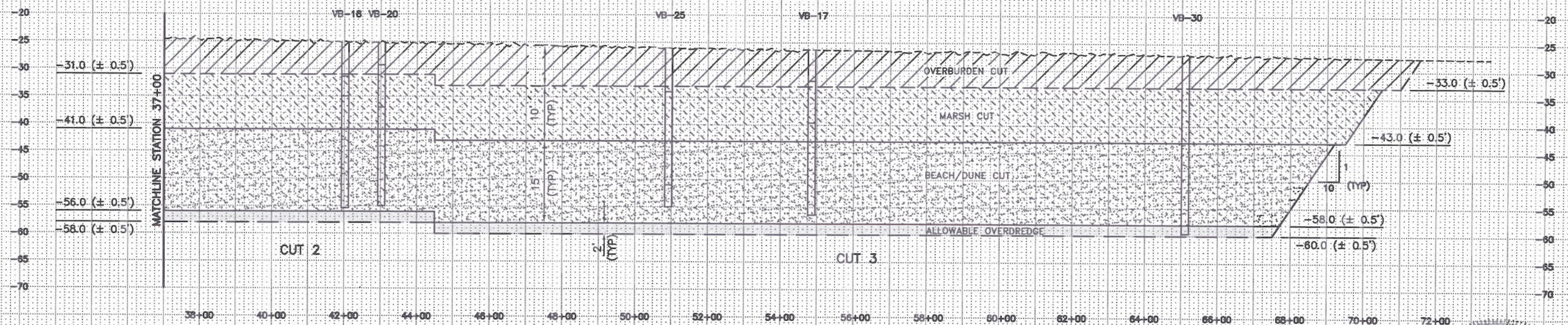
SJB GROUP LLC.
P.O. BOX 1751
BATON ROUGE, LA. 70821
PHONE (225) 769-3400
FAX (225) 769-3598

COASTAL ENGINEERING CONSULTANTS INC.
PH: (239) 643-2324
FAX: (239) 643-1143
3106 SOUTH HORSESHOE DRIVE
NAPLES, FLORIDA 34104

SCALES: HORIZONTAL: 1"=300'
VERTICAL: 1"=20'
ELEVATIONS ARE NAVD88 (GEOID99) FEET



BORROW AREA CENTERLINE PROFILE



BORROW AREA CENTERLINE PROFILE

BORROW AREA CENTERLINE SECTION BA A-A

NOTES:

1. SEDIMENTOLOGIC TRANSITION FROM OVERBURDEN TO INTERBEDDED SILT, SAND, AND CLAY IS INDISTINCT
2. SEE APPENDIX C OF THE SPECIFICATIONS FOR VIBRACORE SAMPLE DATA

SOFT CLAY OVERBURDEN TO BE PLACED IN APPROVED DISPOSAL AREA

INTERBEDDED SILT, SAND, AND CLAY TO BE USED FOR MARSH CONSTRUCTION

BEACH/DUNE COMPATIBLE SEDIMENTS

ALLOWABLE OVERDREDGE. SEISMIC WORK INDICATED BEACH COMPATIBLE SEDIMENTS

VB-00 = VIBRACORE NUMBER

STATE OF LOUISIANA
T. MITCHELL ANDRUS
License No. 30246
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
3/5/08

STATE OF LOUISIANA
Robert L. Cangelosi, Jr.
REG. No. 23300
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
3/5/08

SHEET: 19

REV	DATE	BY	DESCRIPTION
1	3/4/08	TMA	ADDENDUM 02

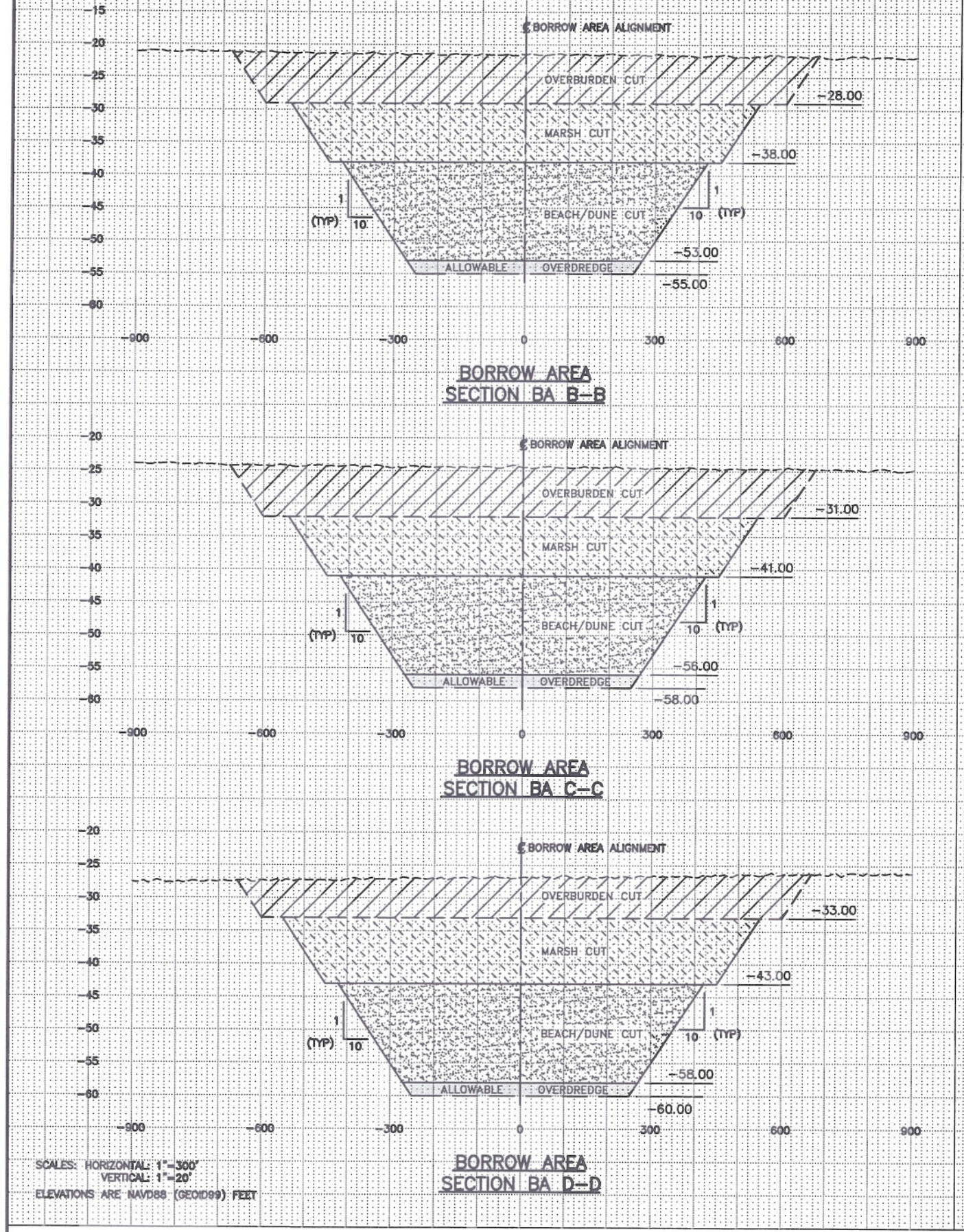
DATE: OCT, 2007
DESIGNED: T.M.A.
CHECKED: M.T.P.
STATE PROJECT NUMBER: BA-35
FEDERAL PROJECT NUMBER: BA-35
APPROVED BY: R.J.J.
SHEET: 19 OF 29
DRAWN: R.P.G./J.S.D.
SCALE: AS NOTED

LOUISIANA DEPARTMENT OF NATURAL RESOURCES
PASS CHALAND TO GRAND BAYOU PASS
BARRIER SHORELINE RESTORATION (BA-35)

BORROW AREA CENTERLINE PROFILE

SJB GROUP LLC.
P.O. BOX 1751
BATON ROUGE, LA. 70821
PHONE (225) 769-3400
FAX (225) 769-3596

COASTAL ENGINEERING CONSULTANTS INC.
PH: (239) 643-2324
FAX: (239) 643-1143
3106 SOUTH HORSESHOE DRIVE
NAPLES, FLORIDA 34104

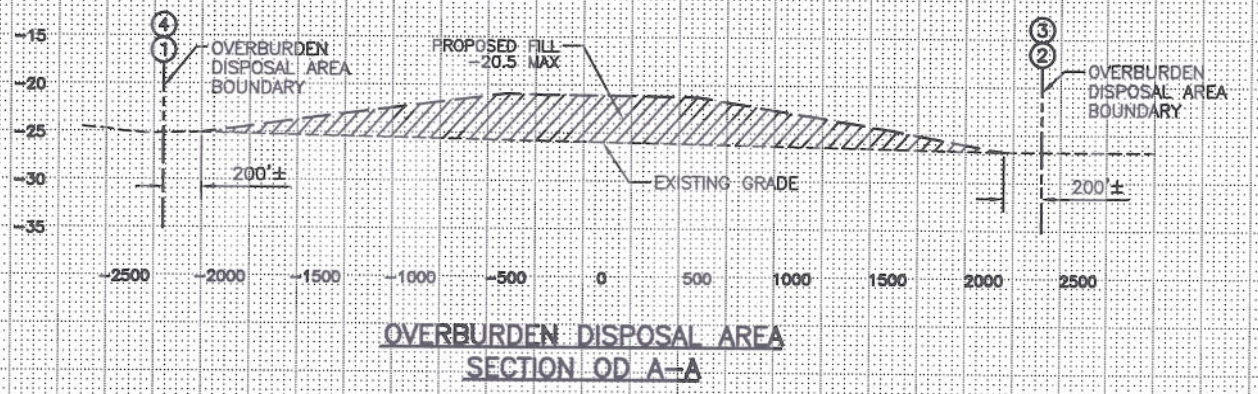


BORROW AREA
SECTION BA B–B

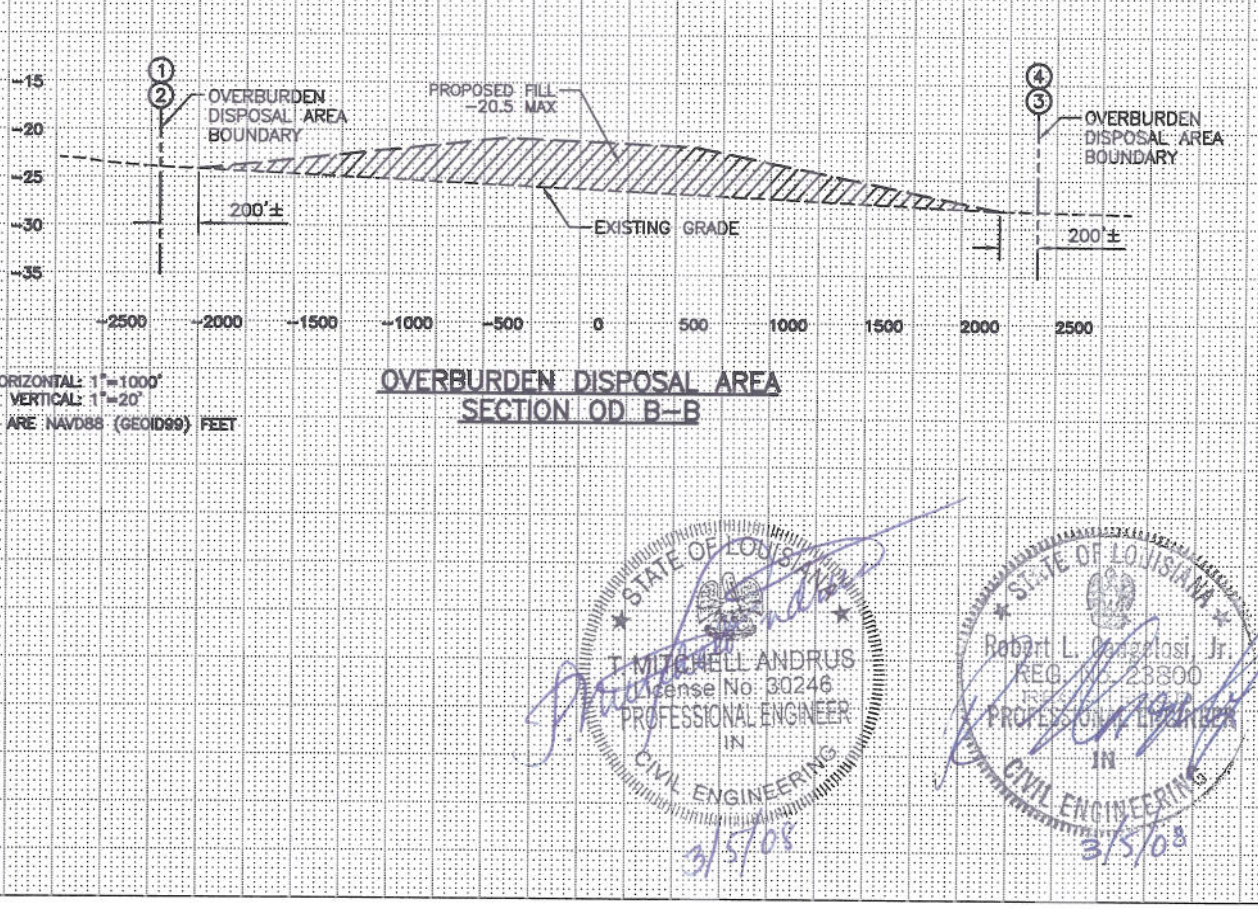
BORROW AREA
SECTION BA C–C

BORROW AREA
SECTION BA D–D

SCALES: HORIZONTAL: 1"=300'
VERTICAL: 1"=20'
ELEVATIONS ARE NAVD88 (GEOID99) FEET



OVERBURDEN DISPOSAL AREA
SECTION OD A–A



SCALES: HORIZONTAL: 1"=1000'
VERTICAL: 1"=20'
ELEVATIONS ARE NAVD88 (GEOID99) FEET

OVERBURDEN DISPOSAL AREA
SECTION OD B–B

NOTES:

1. SEDIMENTOLOGIC TRANSITION FROM OVERBURDEN TO INTERBEDDED SILT, SAND, AND CLAY IS INDISTINCT
2. SEE APPENDIX C OF THE SPECIFICATIONS FOR VIBRACORE SAMPLE DATA

SOFT CLAY OVERBURDEN TO BE PLACED IN APPROVED DISPOSAL AREA

INTERBEDDED SILT, SAND, AND CLAY TO BE USED FOR MARSH CONSTRUCTION

BEACH/DUNE COMPATIBLE SEDIMENTS

ALLOWABLE OVERDREDGE SEISMIC INDICATED BEACH COMPATIBLE SEDIMENTS

STATE OF LOUISIANA
T. MITCHELL ANDRUS
License No. 30246
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
3/5/08

STATE OF LOUISIANA
Robert L. Mansfield, Jr.
REG. NO. 28500
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
3/5/08

SHEET: 20

REV.	DATE	BY	
1	3/4/08	TMA	ADDENDUM 02

DATE: OCT. 2007
DESIGNED: T.M.A.
DRAWN: R.P.G./A.S.D.
CHECKED: M.T.P.
SCALE: AS NOTED
STATE PROJECT NUMBER: BA-35
FEDERAL PROJECT NUMBER: BA-35
SHEET: 20 OF 29
APPROVED BY: R.J.A.

LOUISIANA DEPARTMENT OF NATURAL RESOURCES
PASS CHALAND TO GRAND BAYOU PASS
BARRIER SHORELINE RESTORATION (BA-35)
BORROW AREA AND OVERBURDEN DISPOSAL AREA
CROSS SECTIONS

COASTAL ENGINEERING CONSULTANTS INC.
PH: (239) 643-2324
FAX: (239) 643-1143
3106 SOUTH HORSESHOE DRIVE
NAPLES, FLORIDA 34104

STB GROUP
L.L.C.
P.O. BOX 1751
BATON ROUGE, LA. 70821
PHONE (225) 766-3400
FAX (225) 766-3598

LEGEND

- BORROW AREA (BA) ALIGNMENT AND POINT OF INTERSECTION (P.I.)
- LIMIT OF OVERBURDEN CUT
- LIMIT OF MARSH FILL CUT
- LIMIT OF BEACH/DUNE FILL CUT
- SECTION TO BE SURVEYED
- ① BORROW AREA BOUNDARY

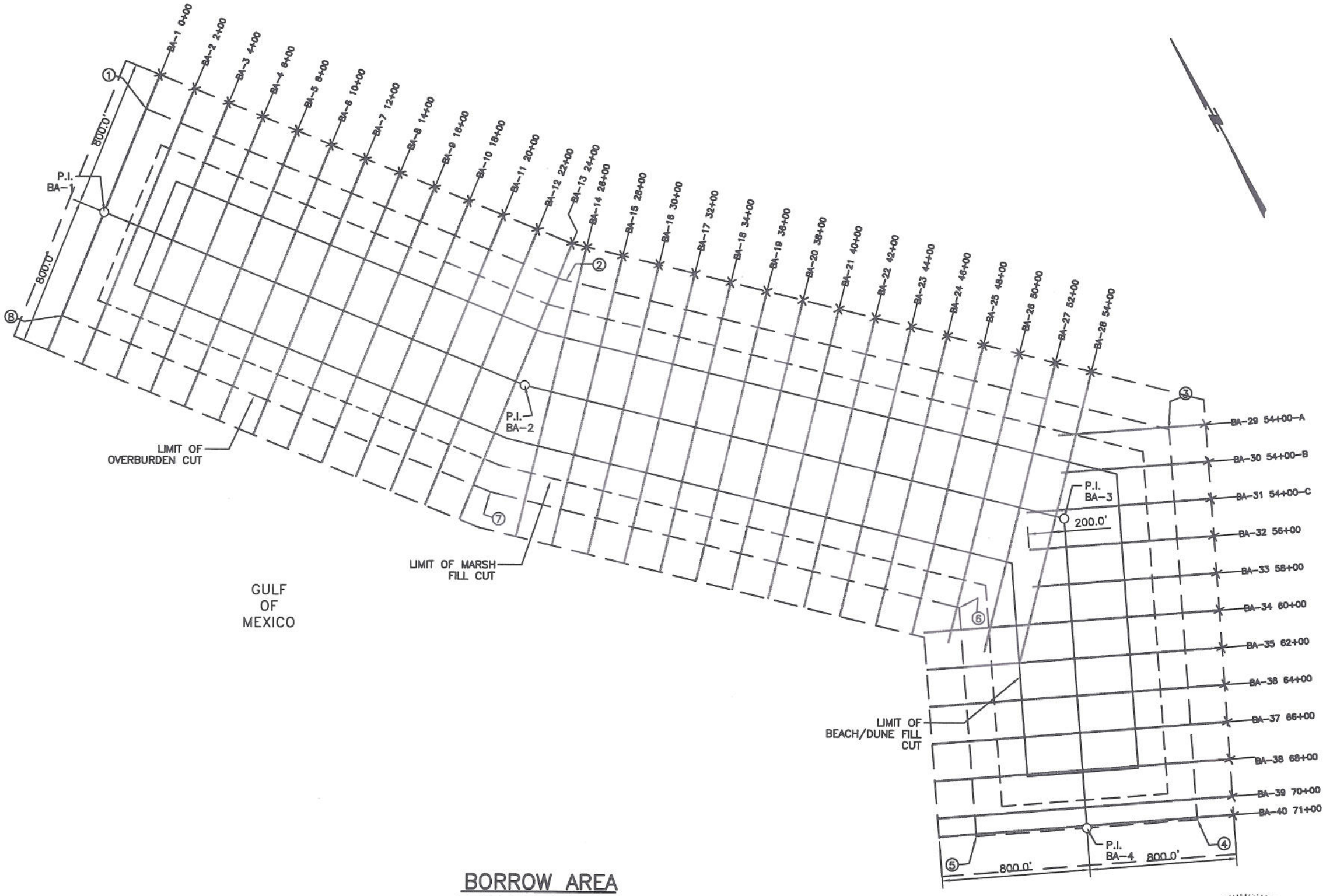
SECTION DESIGNATIONS:

BA–1 0+00

SECTION TYPE — SECTION NUMBER — SECTION STATION

SECTION TYPES

BA = BORROW AREA



BORROW AREA SURVEY LAYOUT

300' 150' 0' 300' 600'

NOTES:
1. SEE SHEET 9 FOR COORDINATES OF BORROW AREA ALIGNMENT.
2. BORROW AREA CENTERLINE SHALL BE SURVEYED FROM 200 FEET BEYOND THE LIMIT OF OVERBURDEN CUT AT P.I. BA–1 TO BEYOND THE LIMIT OF OVERBURDEN CUT AT P.I. BA–4. IN ADDITION, SURVEY LINES AT 200 AND 400 FOOT PARALLEL OFFSETS TO BOTH SIDES OF THE BORROW AREA CENTERLINE SHALL BE SURVEYED.

STATE OF LOUISIANA
T. MITCHELL ANDRUS
License No. 30246
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
3/5/08

STATE OF LOUISIANA
Robert L. Cangelosi, Jr.
REG. No. 23300
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
3/5/08

LOUISIANA DEPARTMENT OF NATURAL RESOURCES
PASS CHALAND TO GRAND BAYOU PASS
BARRIER SHORELINE RESTORATION (BA–35)
BORROW AREA
SURVEY LAYOUT

DATE: OCT, 2007 | SHEET: 21 OF 29
DESIGNED: T.M.A. | DRAWN: R.P.G./J.S.D.
CHECKED: M.T.P. | SCALE: AS NOTED
STATE PROJECT NUMBER: BA–35
FEDERAL PROJECT NUMBER: BA–35
APPROVED BY: R.J.J.

REV.	DATE	BY	DESCRIPTION
1	3/4/08	TMA	ADDENDUM 02

SJB GROUP LLC.
P.O. BOX 1751
BATON ROUGE, LA. 70821
PHONE (225) 769-3400
FAX (225) 769-3598

COASTAL ENGINEERING CONSULTANTS INC.
PH: (239) 643-2324
FAX: (239) 643-1143
3106 SOUTH HORSESHOE DRIVE
NAPLES, FLORIDA 34104