PORT FOURCHON NAVIGATION CHANNEL, LA
MAINTENANCE DREDGING
C/L STATION 60+00.00 TO
C/L STATION 215+00.00
LAFOURCHE PARISH, LA.
32' x 1600' = 51,200 Sq Ft
Plus 2 (8' x 200') Staging Areas = 3,200 Sq Ft
54,400 Sq Ft

*Subcontractor hauled and placed approximately
4,000 cy of Clay material for the Access Road Base
400 (8' x 16') Board Mats were placed for the Road
25 (8' x 16') Board Mats were placed for the Staging Areas

Grand Isle Shipyard was the subcontractor

Mayo J. Broussard, COE-QAR
MJB, COE-QAR
W912P8-06-C-0213
Port Fourchon Dredging
Weeks Marine, Inc
Sheet Pile Closure Wall
Field Verification
"AS BUILT"
Payment Item #0003

W/L 5+86
512 LF
W/L 0+74
74 LF
W/L 0+00
64 LF
W/L 6+50

Total Sheet Pile Wall Length = 650 LF
325 Sheets x 50 Sq Ft/ Sheet = 16,250 Sq Ft

1- Sheet = 50 Sq Ft

650 LF/ 2 Ft per Sheet = 325 Vinyl Sheets

Mayo J. Broussard, COE-QAR
MJB, COE-QAR
Safety is a Part of Your Contract

"As Built" GRAND ISLE SHIPYARD
SubContractor
Start: 6-22-07
Finish: 8-05-07
WEEKS MARINE, INC
Prime Contractor

Revision 

1. 5-31-2007

Change Bolt Specification to
Pile Nuts and Washers (3/4")

90'-0"

NEW ORLEANS DISTRICT
U. S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
MISSISSIPPI VALLEY DIVISION

TRIM FOR TIGHT BEARING

SCALE: 3/4" = 1'-0"

REQUESTED 3/4" A449 GALV. BOLTS
WITH REQUESTED WASHERS (TYP.)

MUST BE TWISTED END
TO SECURE FIRST TURN

2 WIRE ROPE CLAMPS
1 STAPLE PER TURN ON EACH PILE
AFTER TIGHTENING AND SECURING WITH CLAMPS

STAPLE ORIENTATION

N.T.S.

WIRE ROPE SECURING DETAIL
FILE CLUSTER

1 STAPLE PER TURN ON EACH PILE
AFTER TIGHTENING AND SECURING WITH CLAMPS

NOTE:
THE TIMBER CAP SHALL BE NAILED TO
THE TOP WALES USING 60D GALVANIZED
NAILS AT 12" ON CENTERS.

BAYOU SIDE

1'-0"

REPLUMB, REPAIR WALL LINE
W/L Sta 3+00 to 3+12
50' Vertical Wood Piles: 2
50’ Batter Wood Piles: 2
W/L Sta 3+12 to 3+30
50' Vertical Wood Piles: 3
50’ Batter Wood Piles: 3

NEW WALL CONSTRUCTION
W/L Sta 3+30 to 4+16
50’ Vertical Wood Piles: 20
50’ Batter Wood Piles: 20

TYPICAL BULKHEAD ELEVATION

SCALE: 3/4" = 1-0"

NOTE:
THE TIMBER CAP SHALL BE NAILED TO
THE TOP WALES USING 60D GALVANIZED
NAILS AT 12" ON CENTERS.

BAYOU SIDE

12" x 10" TIMBER WALES
(MATCH TO EXISTING WALE ELEVATIONS)

VERTICAL 50' WOOD PILE
TOP ELEVATION: -39.0 MLD

NEW WALL CONSTRUCTION
W/L STA 3+30 TO 3+12
50' Vertical Wood Piles: 2
50’ Batter Wood Piles: 2
W/L STA 3+12 TO 3+30
50' Vertical Wood Piles: 3
50’ Batter Wood Piles: 3

PROPOSED 3/8" VINYL
SHEETPILE BULKHEAD
25' LENGTH PAIRS

WIRE ROPE SECURING DETAIL

NOTE:
THE TIMBER CAP SHALL BE NAILED TO
THE TOP WALES USING 60D GALVANIZED
NAILS AT 12" ON CENTERS.

VERTICAL 50' WOOD PILE
TOP ELEVATION: -39.0 MLD

NOTE:
THE TIMBER CAP SHALL BE NAILED TO
THE TOP WALES USING 60D GALVANIZED
NAILS AT 12" ON CENTERS.

GEOTEXTILE (SILT FENCING)

A

FILL AREA (SAND)

50' CLASS "B"
TREATED TIMBERS
AT 4'-0" SPACING

GEO TEXTILE (SILT FENCING)

A

SAND FILL AREA

SAND FILL AREA

BAYOU SIDE

VERTICAL 50' WOOD PILE
TOP ELEVATION: -39.0 MLD

NEW WALL CONSTRUCTION
W/L STA 3+30 TO 3+12
50' Vertical Wood Piles: 2
50’ Batter Wood Piles: 2
W/L STA 3+12 TO 3+30
50' Vertical Wood Piles: 3
50’ Batter Wood Piles: 3

VERTICAL 50' WOOD PILE
TOP ELEVATION: -39.0 MLD

NOTE:
THE TIMBER CAP SHALL BE NAILED TO
THE TOP WALES USING 60D GALVANIZED
NAILS AT 12" ON CENTERS.

FILL AREA (SAND)

50' CLASS "B"
TREATED TIMBERS
AT 4'-0" SPACING

GEOTEXTILE (SILT FENCING)

A

SAND FILL AREA

SAND FILL AREA

GEO TEXTILE (SILT FENCING)

A

SAND FILL AREA

SAND FILL AREA

BAYOU SIDE

VERTICAL 50' WOOD PILE
TOP ELEVATION: -39.0 MLD

NOTE:
THE TIMBER CAP SHALL BE NAILED TO
THE TOP WALES USING 60D GALVANIZED
NAILS AT 12" ON CENTERS.

VERTICAL 50' WOOD PILE
TOP ELEVATION: -39.0 MLD

NOTE:
THE TIMBER CAP SHALL BE NAILED TO
THE TOP WALES USING 60D GALVANIZED
NAILS AT 12" ON CENTERS.
NOTE:
ALL BOLTS SHALL BE 3/4" A449 GALV. BOLTS WITH REQ'D. WASHERS (TYP.)

TIE-IN DETAIL
SCALE: 1" = 1'-0"

SPLICE DETAIL
SCALE: 1" = 1'-0"

Safety is a Part of Your Contract

"As Builts"
Gap 1 –
25 ft wide to pre-project elevation
stockpile material on road bed

Excavated with 240 Link Belt Trackhoe
to Pre-Project Elevation and stockpiled
on incoming side of Access Road.
Conducted on 8-15-07
Gap 2 –

25 ft wide to pre-project elevations
stockpile material on road bed

Excavated with 240 Link Belt Trackhoe
to Pre-Project Elevation and stockpiled
on incoming side of road bed.
Conducted on 8-15-07.