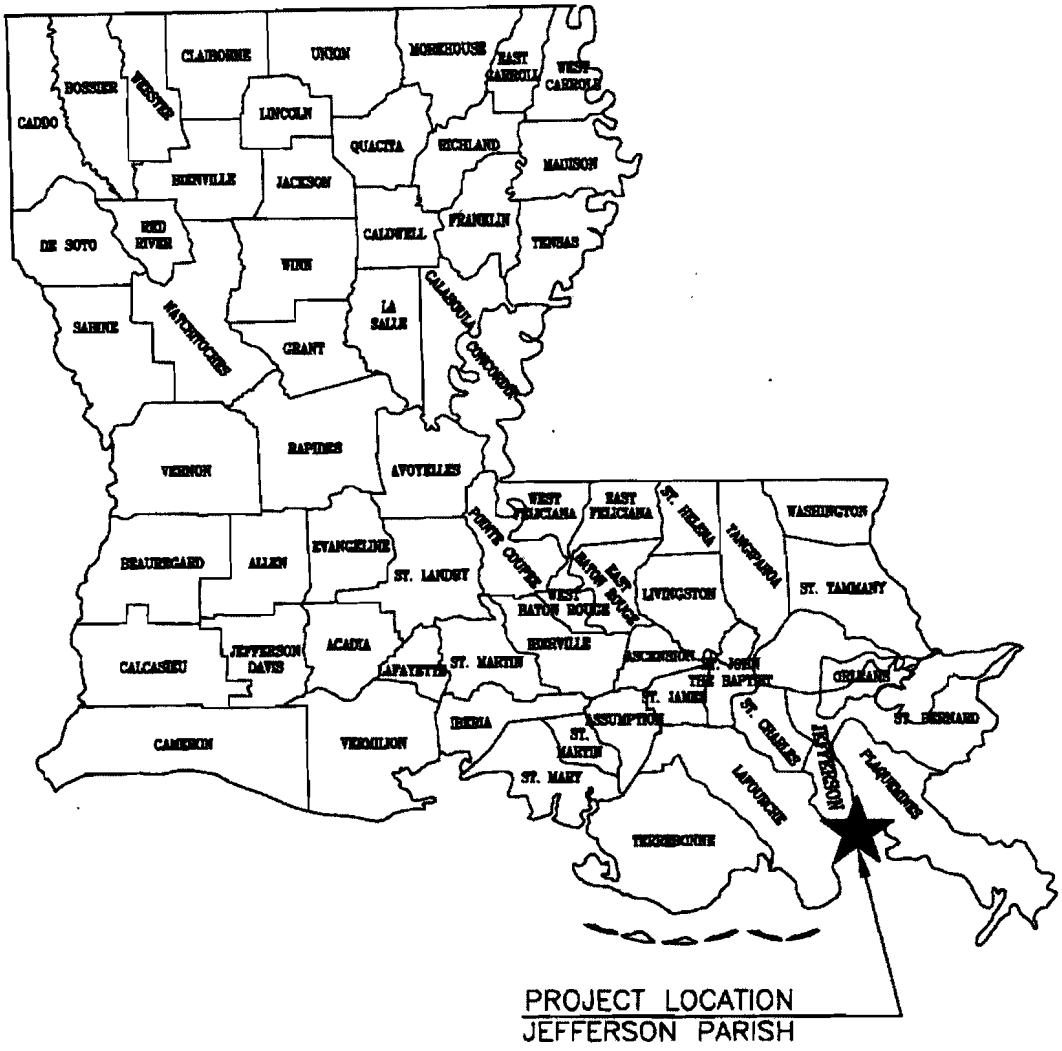


STATE VICINITY MAP

NO SCALE

MUD ISLAND WATERFRONT DEVELOPMENT

PROPOSED: DREDGING, FILL, BULKHEADS, BREAKWATERS AND SITE DEVELOPMENT

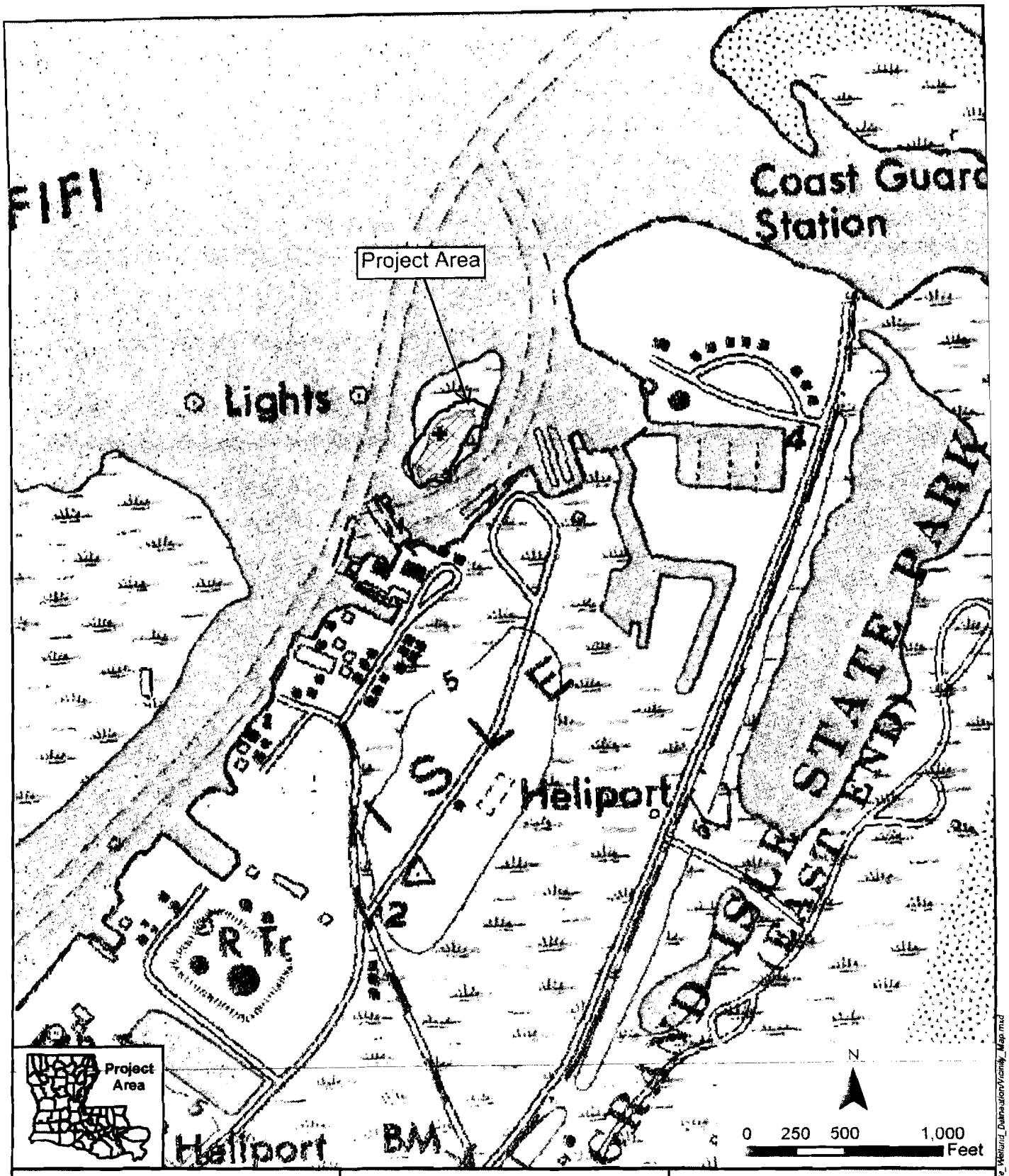
APPLIED BY: KIRK ST. PIERRE

AREA: EAST END OF GRAND ISLE, LOUISIANA IN JEFFERSON PARISH
PROPERTY IS LOCATED IN SECTION 2, T-21-S, R-25-E

PICCIOLA & ASSOCIATES, INC.
CIVIL ENGINEERS
LAND SURVEYORS
NAVAL ARCHITECTS
MARINE ENGINEERS
P.O. BOX 687
CUT OFF, LOUISIANA 70345
(985) 632-5788

J.N. 1202-0301

REV: 7-11-08
DATE: 3-13-08



Legend

- Upland Sample Point
- Wetland Sample Point
- Wetland
- Upland
- Island Boundary

VICINITY MAP

COASTAL ENVIRONMENTS, INC

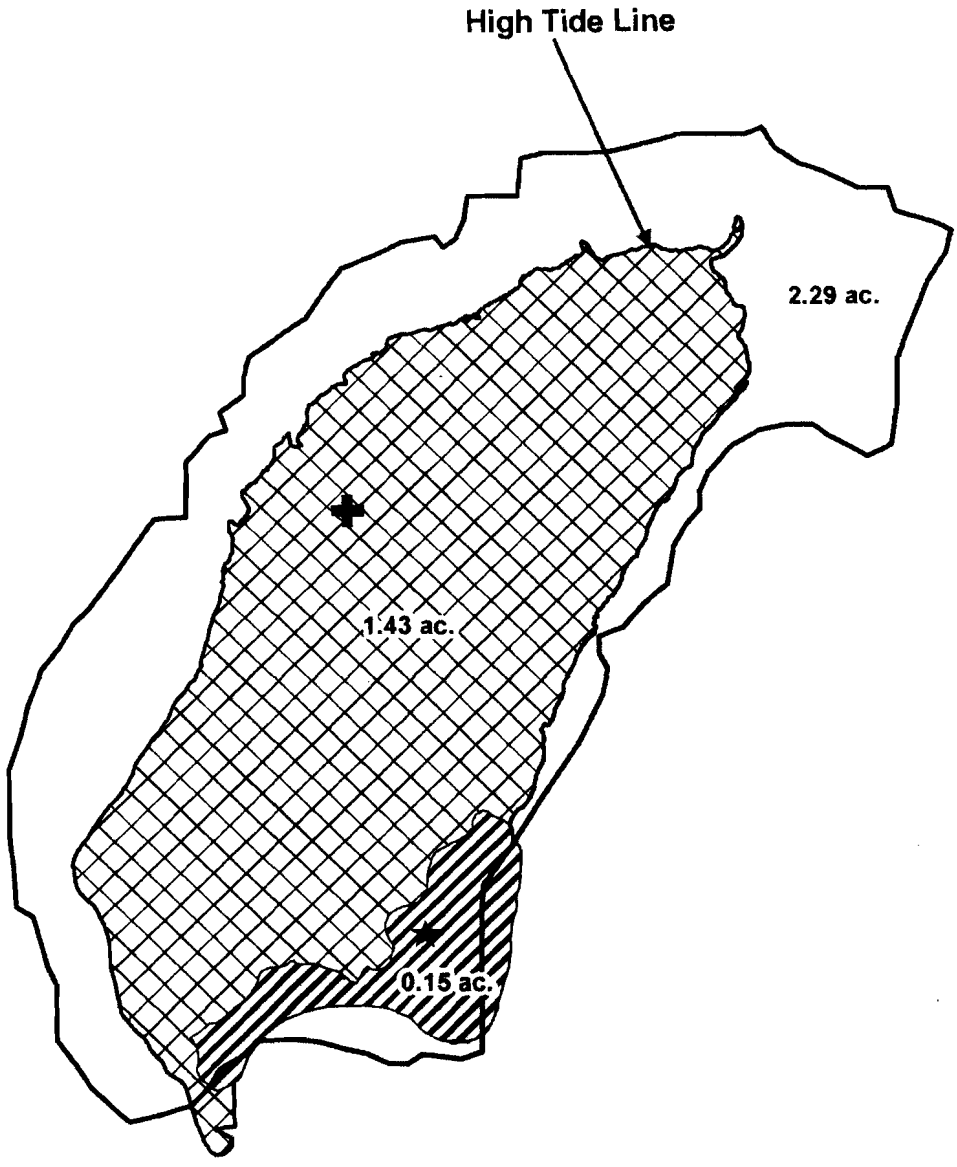
Mud Island Development

Location: T-21-S R-25-E, S30

Parish: Jefferson, Louisiana

Map Date 11/03/2008

K:/Projects/LA/2808_St_Pierre_Wetland_Delineation/Vicinity_Map.mxd



N

0 30 60 120 Feet

Legend

- Upland Sample Point
- Wetland Sample Point
- Wetland
- Upland
- Island Boundary

PLAN VIEW

COASTAL ENVIRONMENTS, INC.

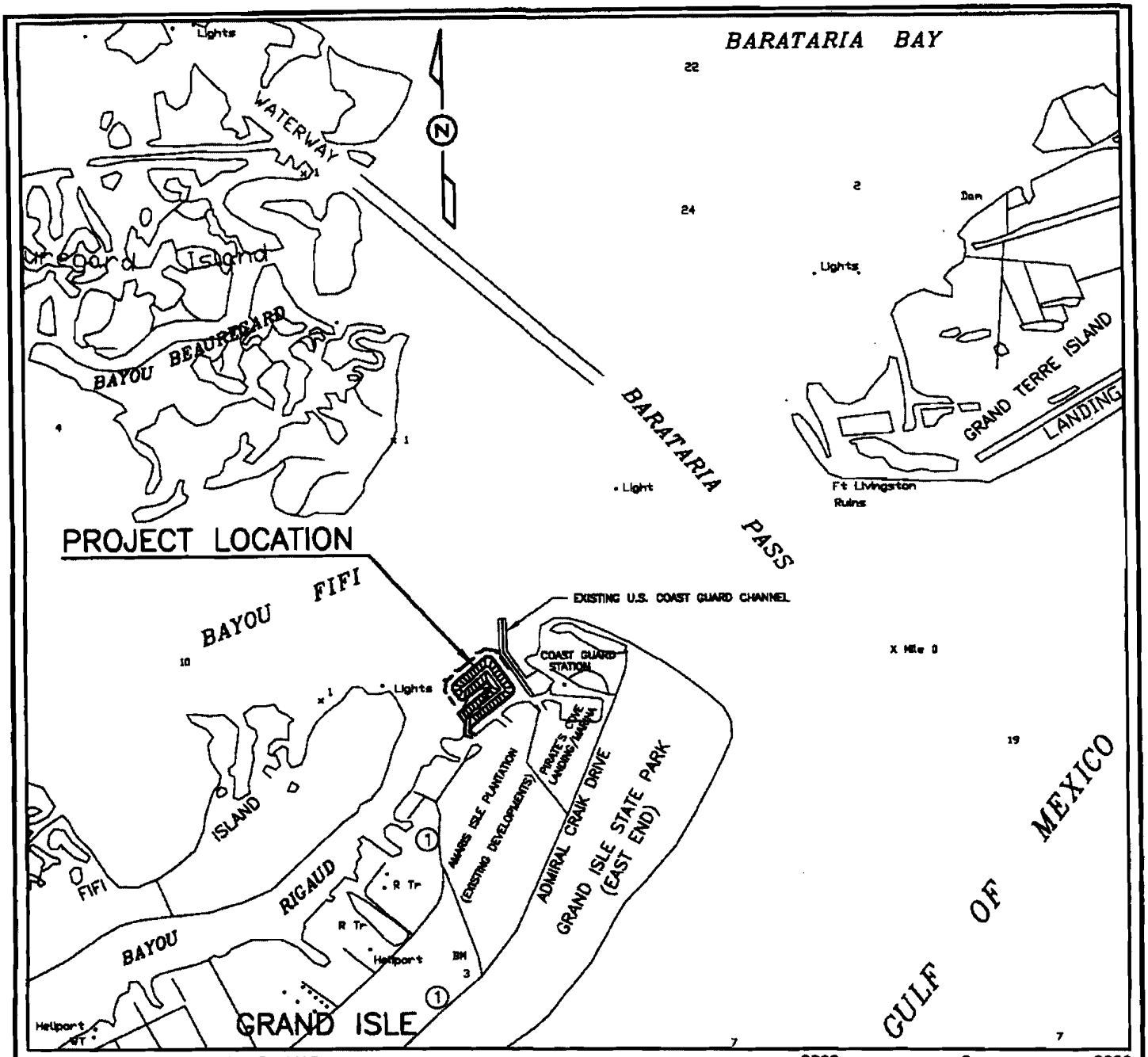
Mud Island Development

Location: T-21-S R-25-E, S30

Parish: Jefferson, Louisiana

Map Date: 11/03/2008

J:\Projects\L4-28082_St_Pierre_Wetland_Delineation\Plan_View.mxd



BARATARIA PASS, LA. QUAD. MAP

LOCAL VICINITY MAP

2000 0 2000
SCALE: 1" = 2000'

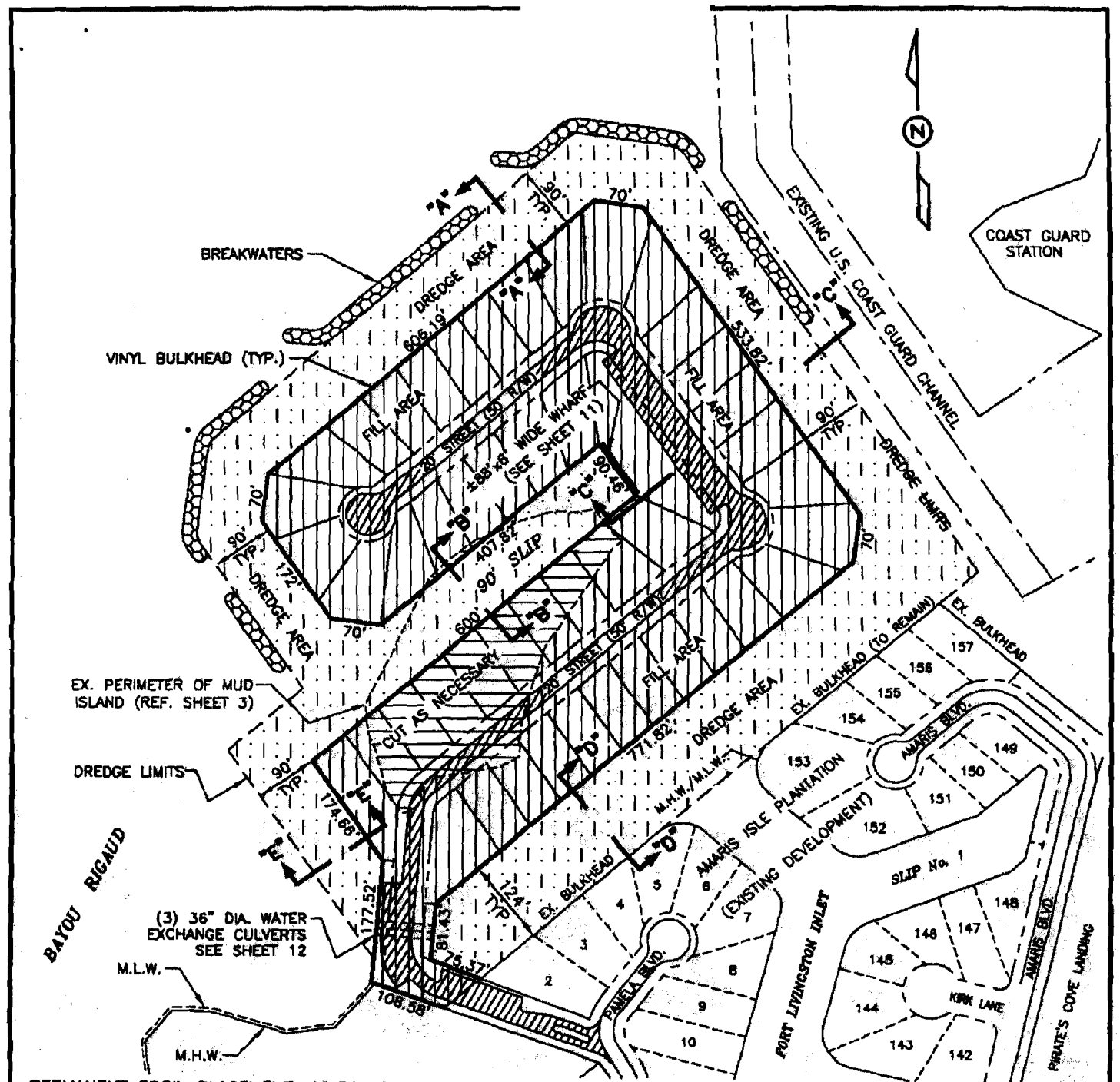
PROPOSED: DREDGING, FILL, BULKHEADS, BREAKWATERS AND SITE DEVELOPMENT
APPLIED BY: KIRK ST. PIERRE
AREA: EAST END OF GRAND ISLE, LOUISIANA IN JEFFERSON PARISH
PROPERTY IS LOCATED IN SECTION 2, T-21-S, R-25-E

LATITUDE = 29° 15' 52.75674"
LONGITUDE = 89° 57' 37.96350"
(LAT. & LON. IS LOCATED APPROXIMATELY IN THE CENTER OF THE PROJECT AREA.)

PICCIOLA & ASSOCIATES, INC.
CIVIL ENGINEERS LAND SURVEYORS NAVAL ARCHITECTS MARINE ENGINEERS
P.O. BOX 697
CUT OFF, LOUISIANA 70345
(985) 632-5766

J.N. 1202-0301

REV: 7-11-08
DATE: 3-13-08



SITE PLAN – DEVELOPMENT

200 0 200

SCALE: 1" = 200'

PERMANENT SPOIL PLACEMENT: 10.34 AC.

- GRADE AND SHAPE EXISTING LAND AREA–53,310 SQ. FT. (1.22 AC.)
- FILL AREA: 397,190 SQ. FT. (9.12 AC.) APPROX. FILL VOLUME: 105,354 CU. YD.
- DREDGE AREA: 307,246 SQ. FT. (7.10 AC.) APPROX. DREDGE VOLUME: 52,983 CU. YD.
- CONCRETE ROADWAY/PARKING: 6,580 SQ. YD./1,093 CU. YD.
- STONE BREAKWATERS (RIPRAP): 1.10 AC./25,150 CU. YD.

NOTES:

1. DREDGE MATERIAL AND MATERIAL GENERATED FROM GRADING AND SHAPING THE EXISTING MUD ISLAND SHALL BE UTILIZED AS FILL MATERIAL WITH THE APPROVAL OF THE PROJECT ENGINEER.
2. ADDITIONAL MATERIAL REQUIRED TO BRING THE DEVELOPMENT TO FINISHED GRADE ELEVATIONS SHALL BE TRUCKED OR BARGED IN.
3. SEE SHEETS 5 THROUGH 12 FOR TYPICAL SECTIONS "A"–"A" THROUGH "E"–"E", TYPICAL ROADWAY SECTION, CULVERT DETAILS AND TYPICAL WHARF SECTION.

PICCIOLA & ASSOCIATES, INC.
CIVIL ENGINEERS · NAVAL ARCHITECTS
LAND SURVEYORS · MARINE ENGINEERS
P.O. BOX. 687
CUT OFF, LOUISIANA 70345
(985) 632-5788

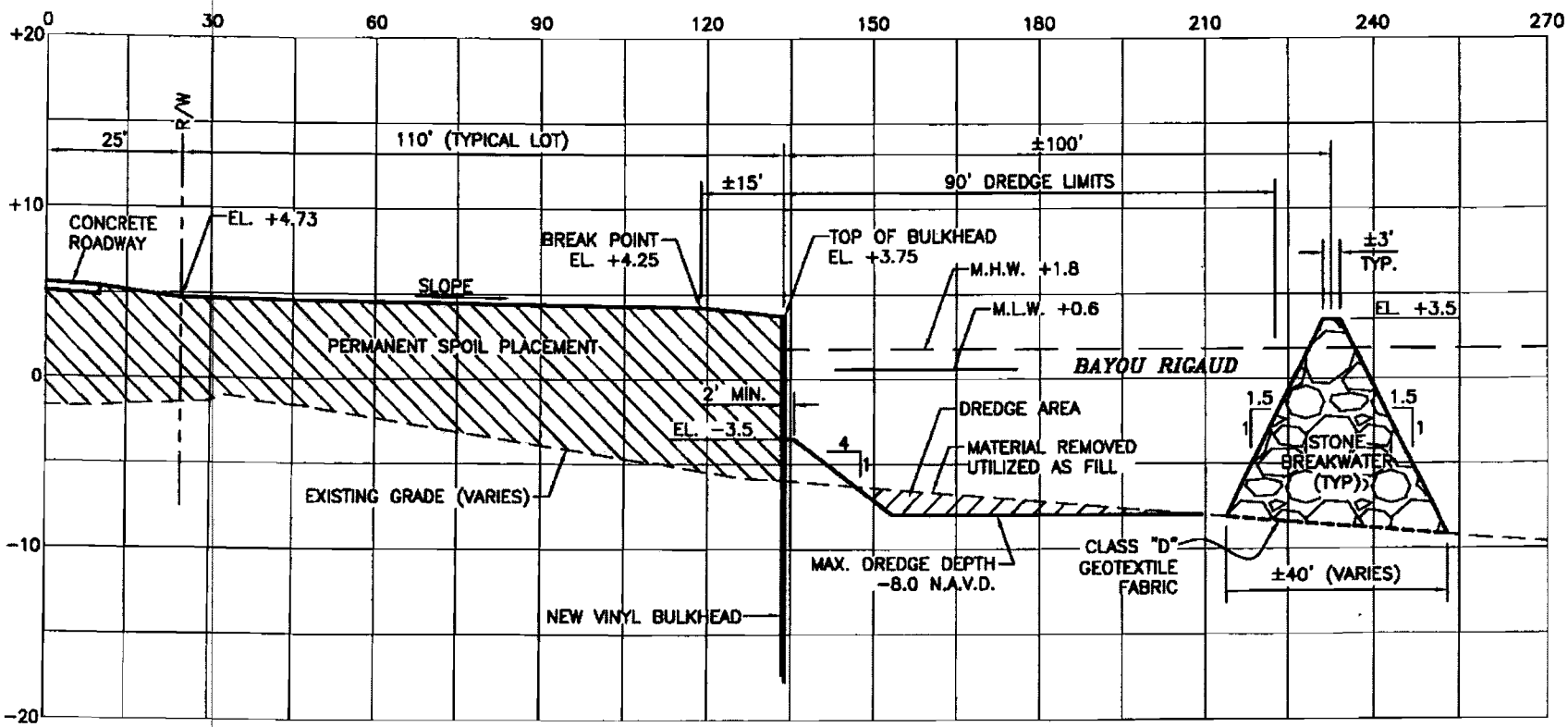
J.N. 1202-0301

REV: 7-11-08
DATE: 3-13-08

PICCIOLA & ASSOCIATES, INC.
CIVIL ENGINEERS
LAND SURVEYORS
NAVAL ARCHITECTS
MARINE ENGINEERS
P.O. BOX 887
CUT OFF, LOUISIANA 70345
(985) 632-6798

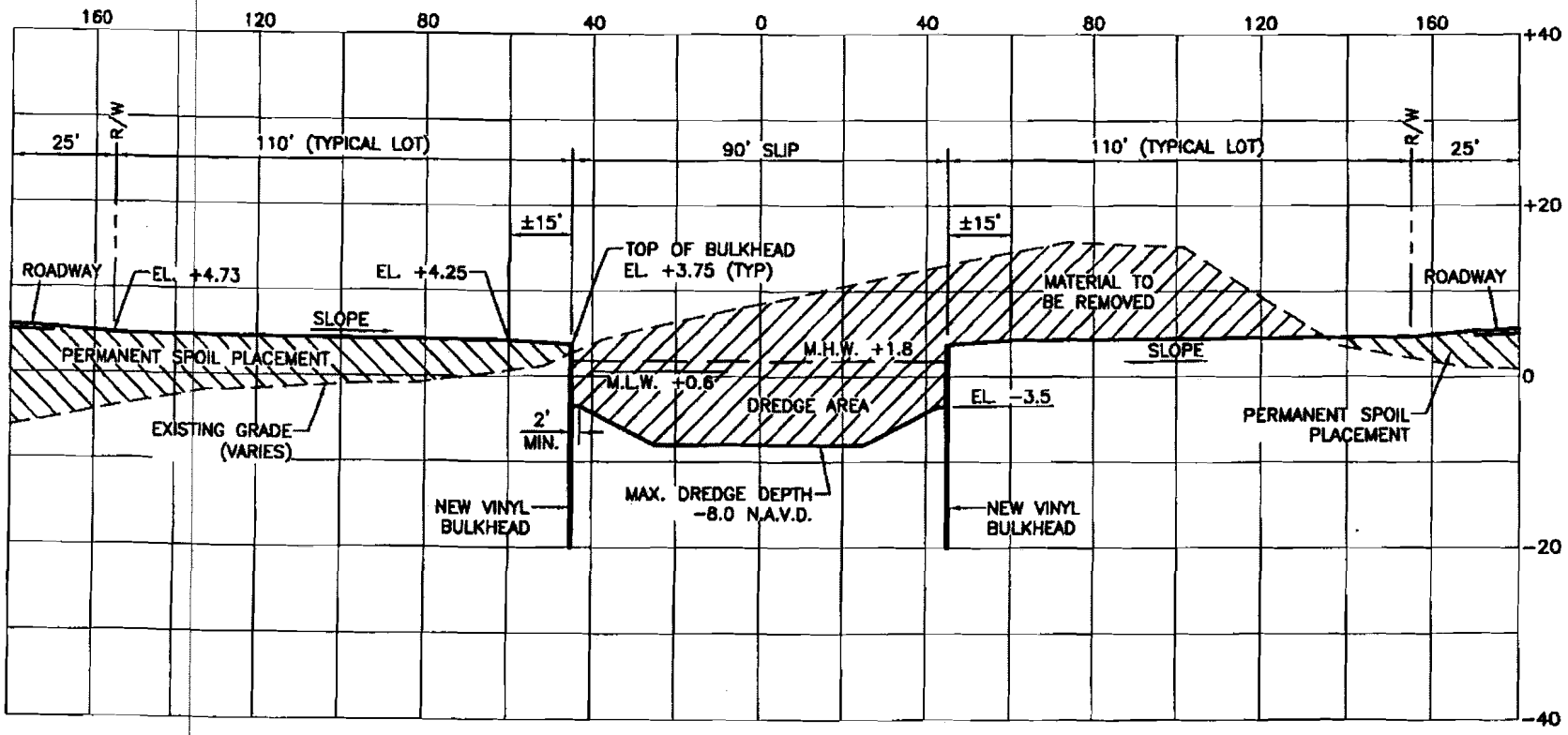
J.N. 1202-0301

REV: 7-11-08
DATE: 3-13-08



SECTION "A"-"A" (TYPICAL BREAKWATER)

SCALE: HORZ. 1"=30'-0", VERT. 1"=10'-0"



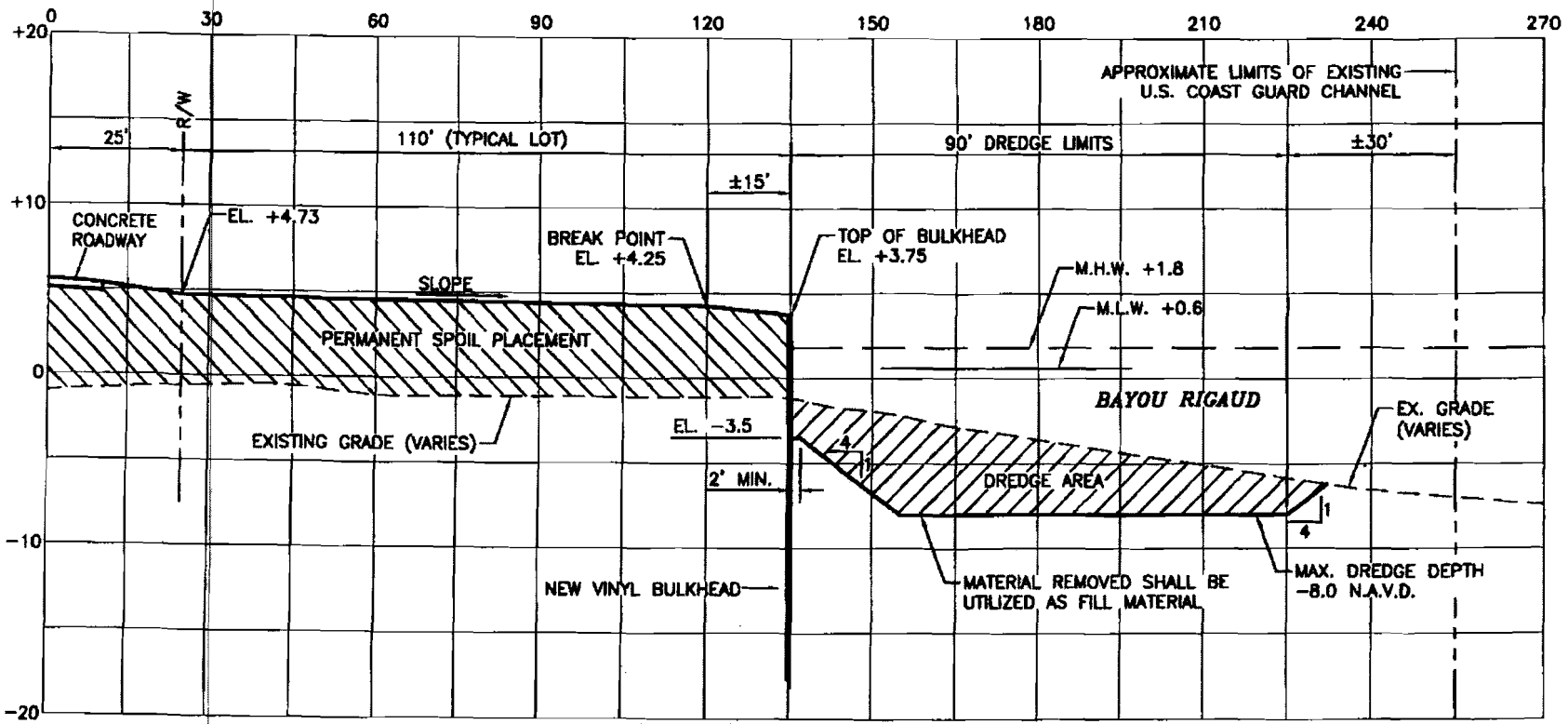
SECTION "B"–"B"

SCALE: HORZ. 1"=40'-0", VERT. 1"=20'-0"

PICCIOLA & ASSOCIATES, INC.
CIVIL ENGINEERS
LAND SURVEYORS
NAVAL ARCHITECTS
MARINE ENGINEERS
P.O. BOX 687
CUT OFF, LOUISIANA 70345
(985) 632-5788

J.N. 1202-0301

REV: 7-11-08
DATE: 3-13-08



SECTION "C"–"C" (NORTHERN SIDE)

SCALE: HORZ. 1"=30'-0", VERT. 1"=10'-0"

PICCIOLA & ASSOCIATES, INC.
CIVIL ENGINEERS
LAND SURVEYORS
NAVAL ARCHITECTS
MARINE ENGINEERS
P.O. BOX 867
CUT OFF, LOUISIANA 70345
(985) 632-5786

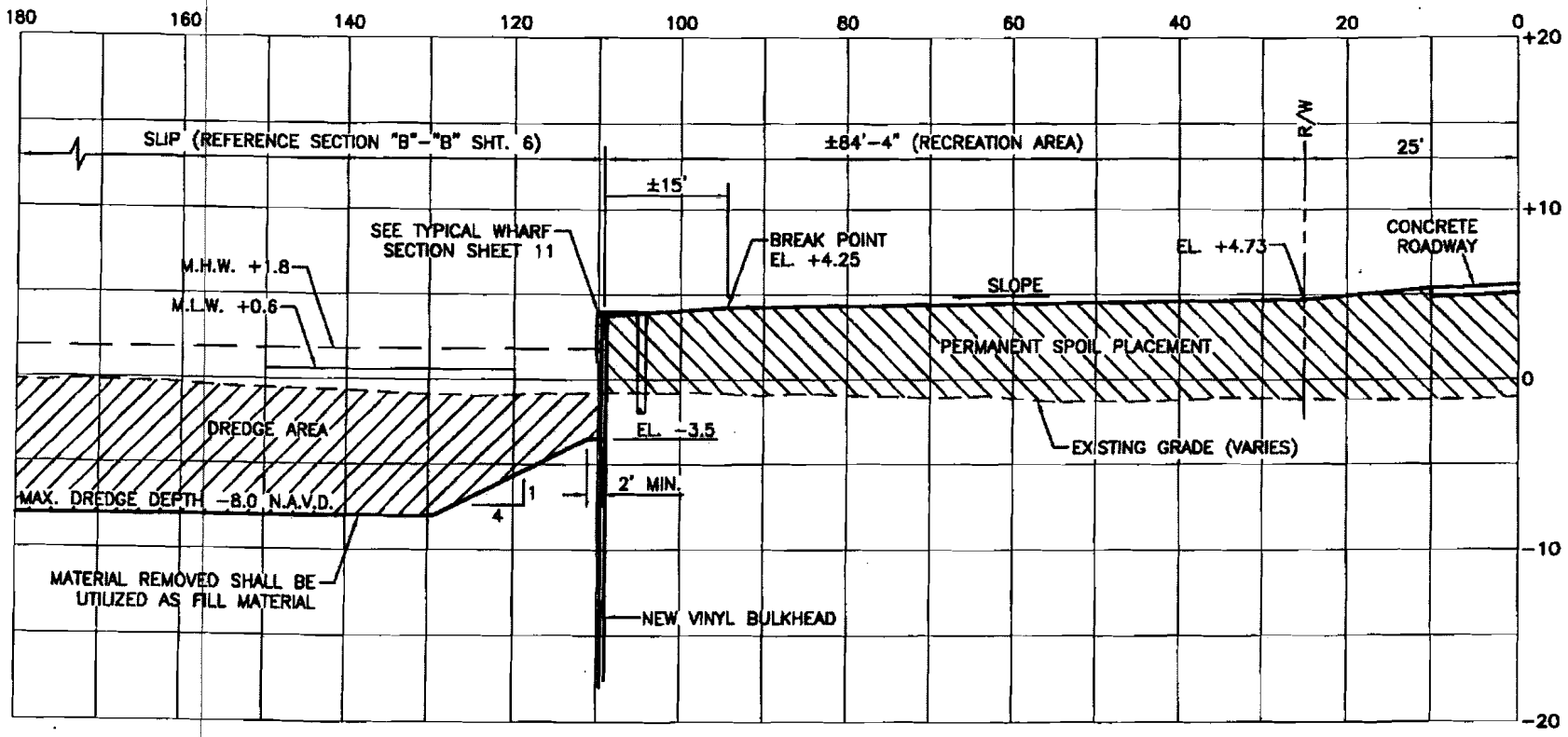
J.N. 1202-0301

REV: 7-11-08
DATE: 3-13-08

PICCIOLA & ASSOCIATES, INC.
CIVIL ENGINEERS
LAND SURVEYORS
NAVAL ARCHITECTS
MARINE ENGINEERS
P.O. BOX 867
CUT OFF, LOUISIANA 70345
(985) 632-5788

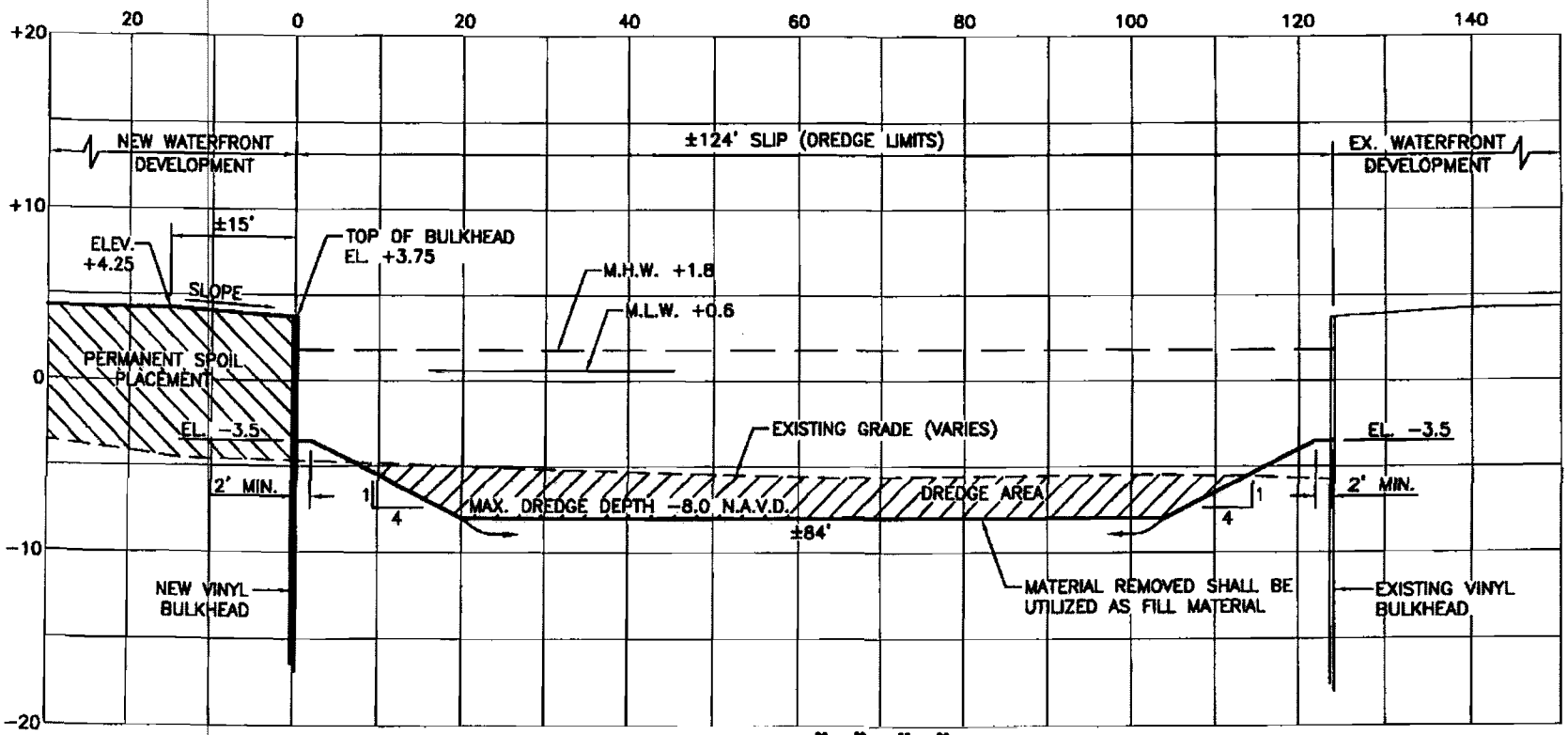
J.N. 1202-0301

REV: 7-11-08
DATE: 3-13-08



SECTION "C"-"C" (SOUTHERN SIDE)

SCALE: HORZ. 1"=20'-0", VERT. 1"=10'-0"



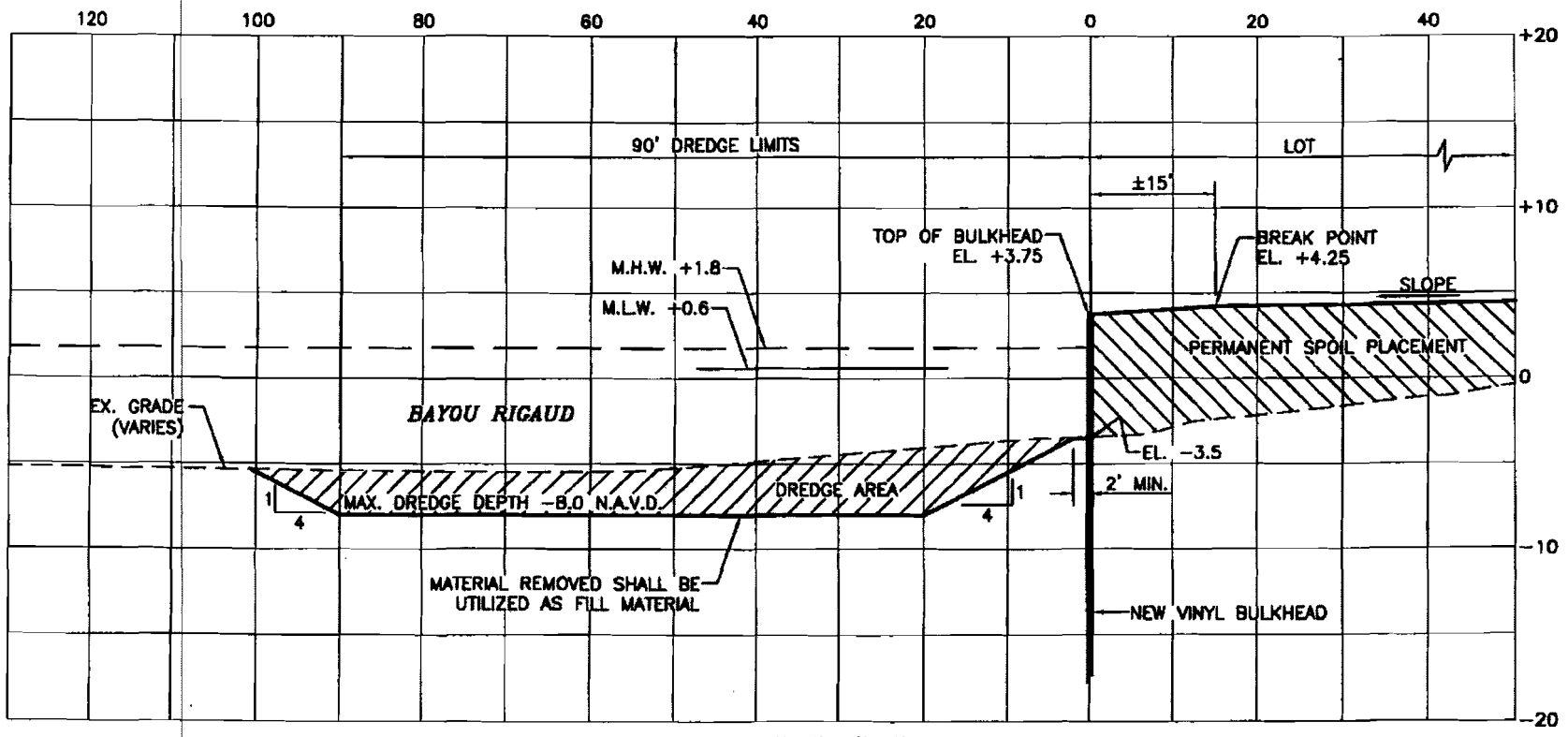
SECTION "D"–"D"

SCALE: HORZ. 1"=20'-0", VERT. 1"=10'-0"

PICCIOLA & ASSOCIATES, INC.
CIVIL ENGINEERS
LAND SURVEYORS
NAVAL ARCHITECTS
MARINE ENGINEERS
P.O. BOX 687
CUT OFF, LOUISIANA 70345
(985) 632-5766

J.N. 1202-0301

REV: 7-11-08
DATE: 3-13-08



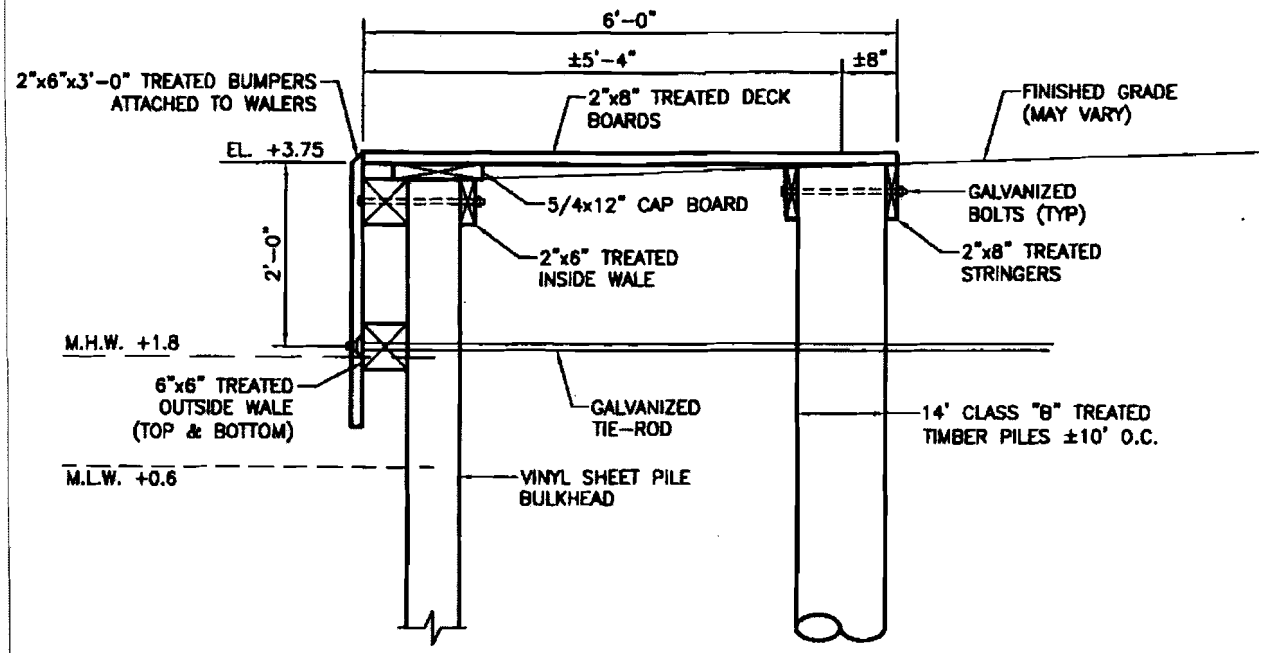
SECTION "E"-"E"

SCALE: HORZ. 1"=20'-0", VERT. 1"=10'-0"

PICCIOLA & ASSOCIATES, INC.
CIVIL ENGINEERS
LAND SURVEYORS
NAVAL ARCHITECTS
MARINE ENGINEERS
P.O. BOX 687
CUT OFF, LOUISIANA 70345
(985) 632-5796

J.N. 1202-0301

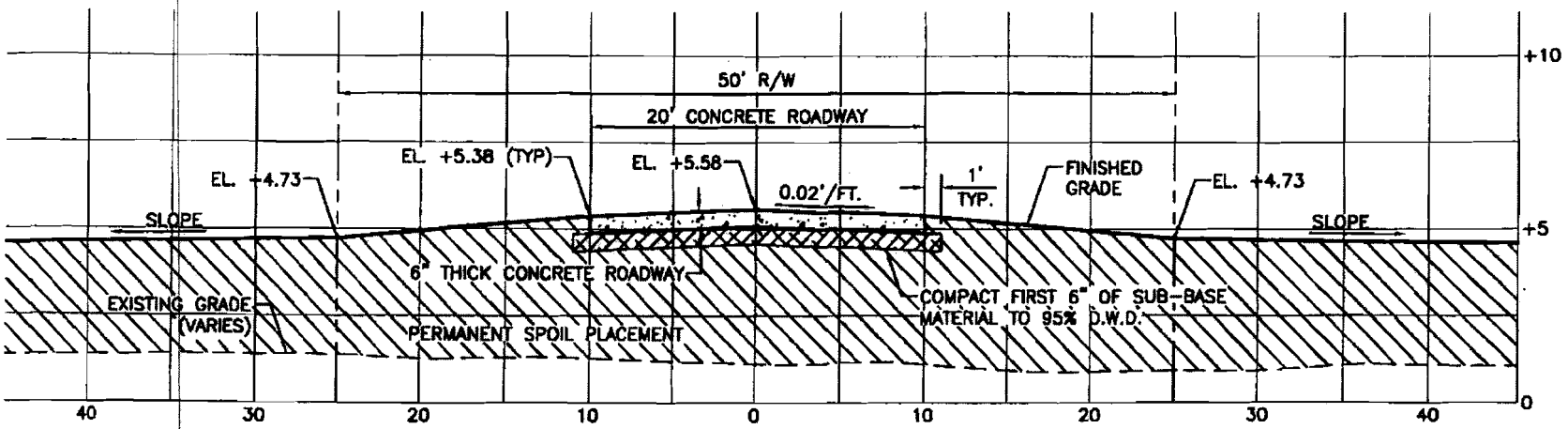
REV: 7-11-08
DATE: 3-13-08



TYPICAL WHARF SECTION

20 0 20

SCALE: 1" = 20'



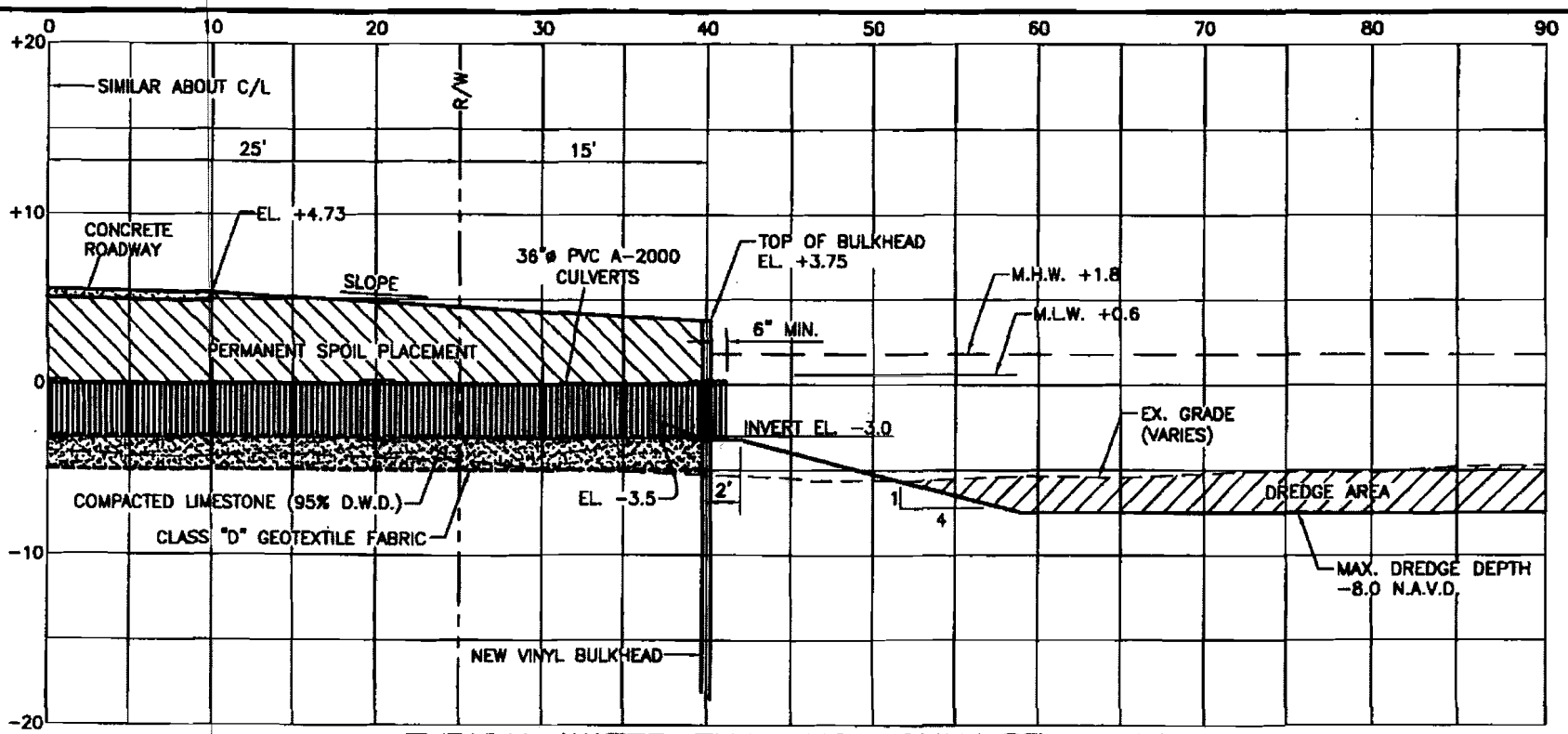
TYPICAL 20' ROADWAY SECTION

SCALE: HORZ. 1"=10'-0", VERT. 1"=5'-0"

PICCIOLA & ASSOCIATES, INC.
CIVIL ENGINEERS
LAND SURVEYORS
NAVAL ARCHITECTS
MARINE ENGINEERS
P.O. BOX 887
CUT OFF, LOUISIANA 70345
(985) 632-5788

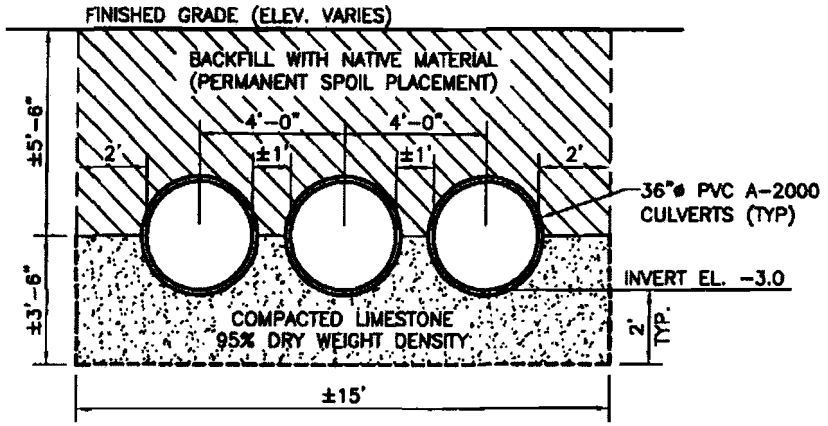
J.N. 1202-0301

REV: 7-11-08
DATE: 3-13-08



TYPICAL WATER EXCHANGE CULVERT DETAIL

SCALE: HORZ. 1"=10'-0", VERT. 1"=10'-0"



TYPICAL CULVERT BEDDING DETAIL

5 0 5

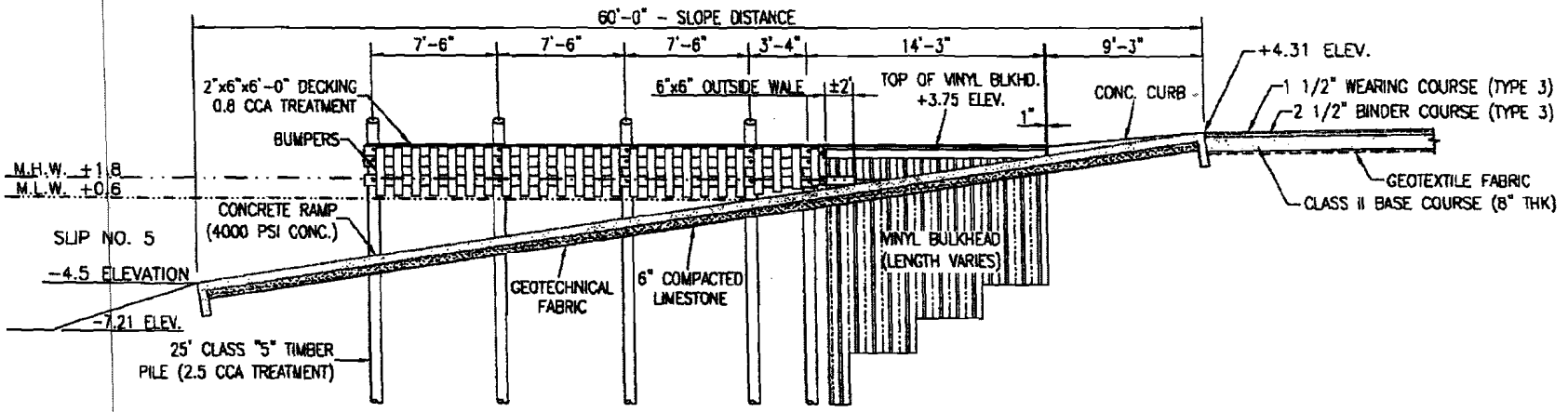
SCALE: 1" = 5'

LIMESTONE: 118.5 CU. YD.

PICCIOLA & ASSOCIATES, INC.
CIVIL ENGINEERS
LAND SURVEYORS
NAVAL ARCHITECTS
MARINE ENGINEERS
P.O. BOX 667
CUT OFF, LOUISIANA 70345
(985) 632-5788

J.N. 1202-0301

REV: 7-11-08
DATE: 3-13-08



TYPICAL BOAT LAUNCH SECTION

SCALE: 1" = 10'-0"

PICCIOLA & ASSOCIATES, INC.
CIVIL ENGINEERS
LAND SURVEYORS
NAVAL ARCHITECTS
MARINE ENGINEERS
P.O. BOX 687
CUT OFF, LOUISIANA 70345
(985) 632-5788