

BACKFILL BEHIND WALL = 31,135 S.F. X 8 F.T.  
27  
= 9,225 C.Y.

TOP SOIL BEHIND WALL = 31,135 S.F. X 2 F.T.  
27  
(HAULING IN OFFSITE)  
= 2,306 C.Y.

500 L.F. OF BULKHEAD WALL WITH 9,225 C.Y.  
FILL (DREDGE MATERIAL) PLACED BEHIND  
BULKHEAD WALL IN ADDITION 2,306 C.Y.  
HAULING IN OFFSITE PLACED ABOVE FILL  
(DREDGE MATERIAL)

P.O.B.  
30° 18' 42" N  
90° 24' 20" W

30° 18' 43" N  
90° 24' 18" W

30° 18' 45" N  
90° 24' 17" W

30° 18' 47" N  
90° 24' 16" W

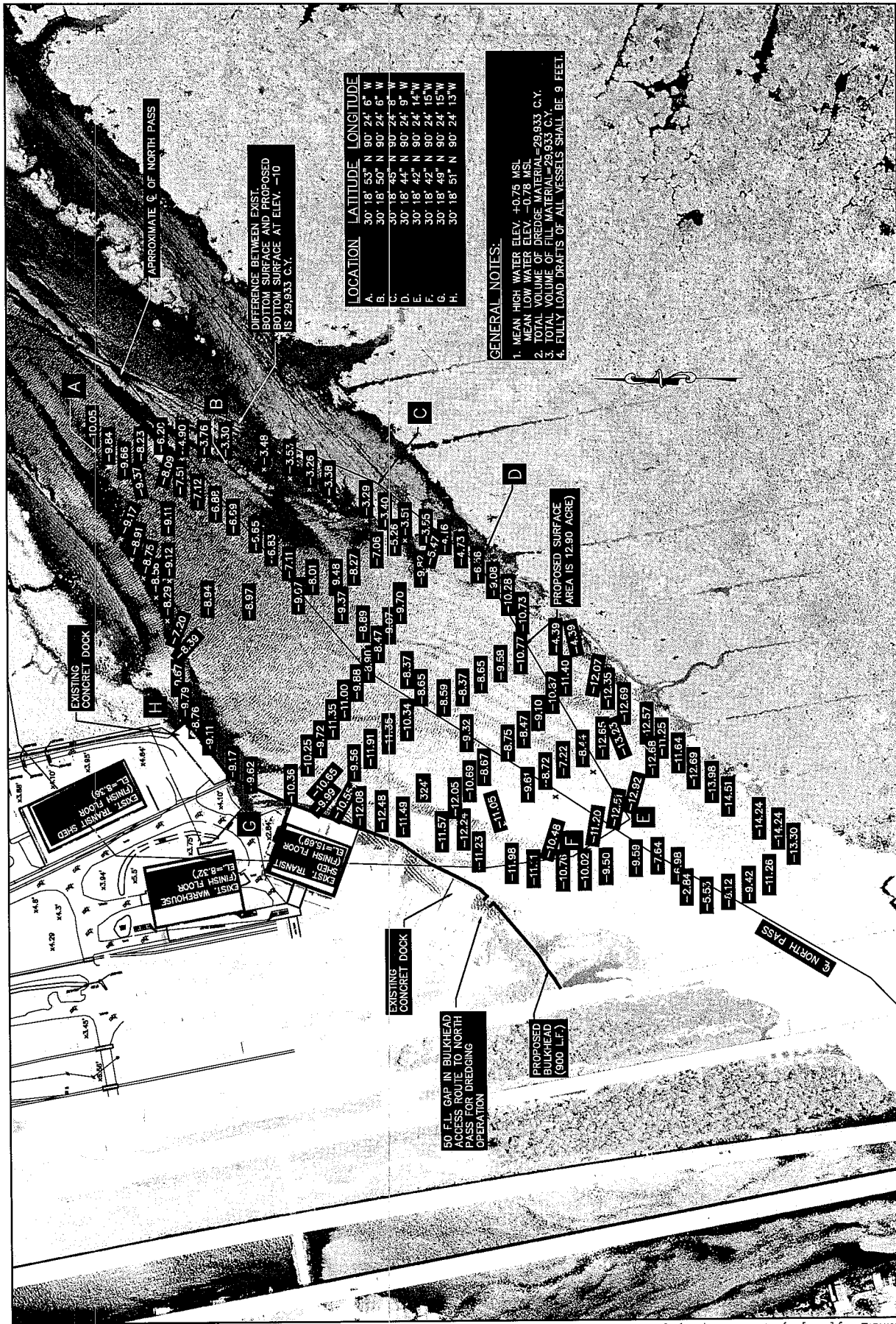
30° 18' 48" N  
90° 24' 15" W

30° 18' 50" N  
90° 24' 15" W

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|---|--|---|--|--|---|
| <b>PORT MANCHAC, LOUISIANA</b><br>OWNER |  | <b>PORT MANCHAC STEEL SHEETPILE BULKHEAD</b><br>TITLE |  | SCALE:<br>1" = 200'<br><br>DATE:<br>MAY 2011 | PROJECT NO.<br>10708<br><br>SHEET NO.<br>1 OF 5 |
|---|--|---|--|--|---|

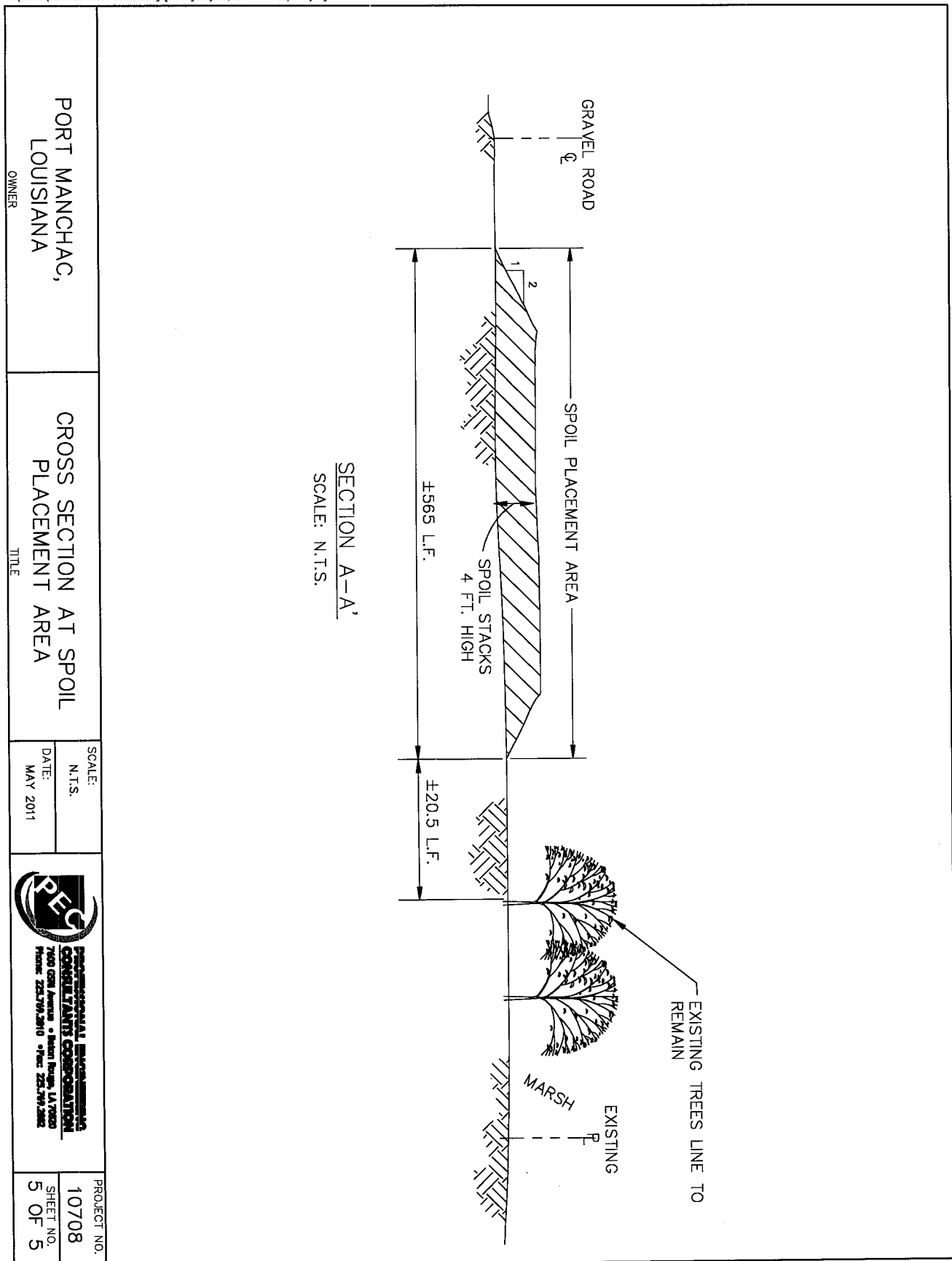
**PROFESSIONAL ENGINEERING  
CONSULTANTS CORPORATION**  
7030 GSA Avenue • Baton Rouge, LA 70802  
Phone: 225.799.2810 • Fax: 225.799.2862

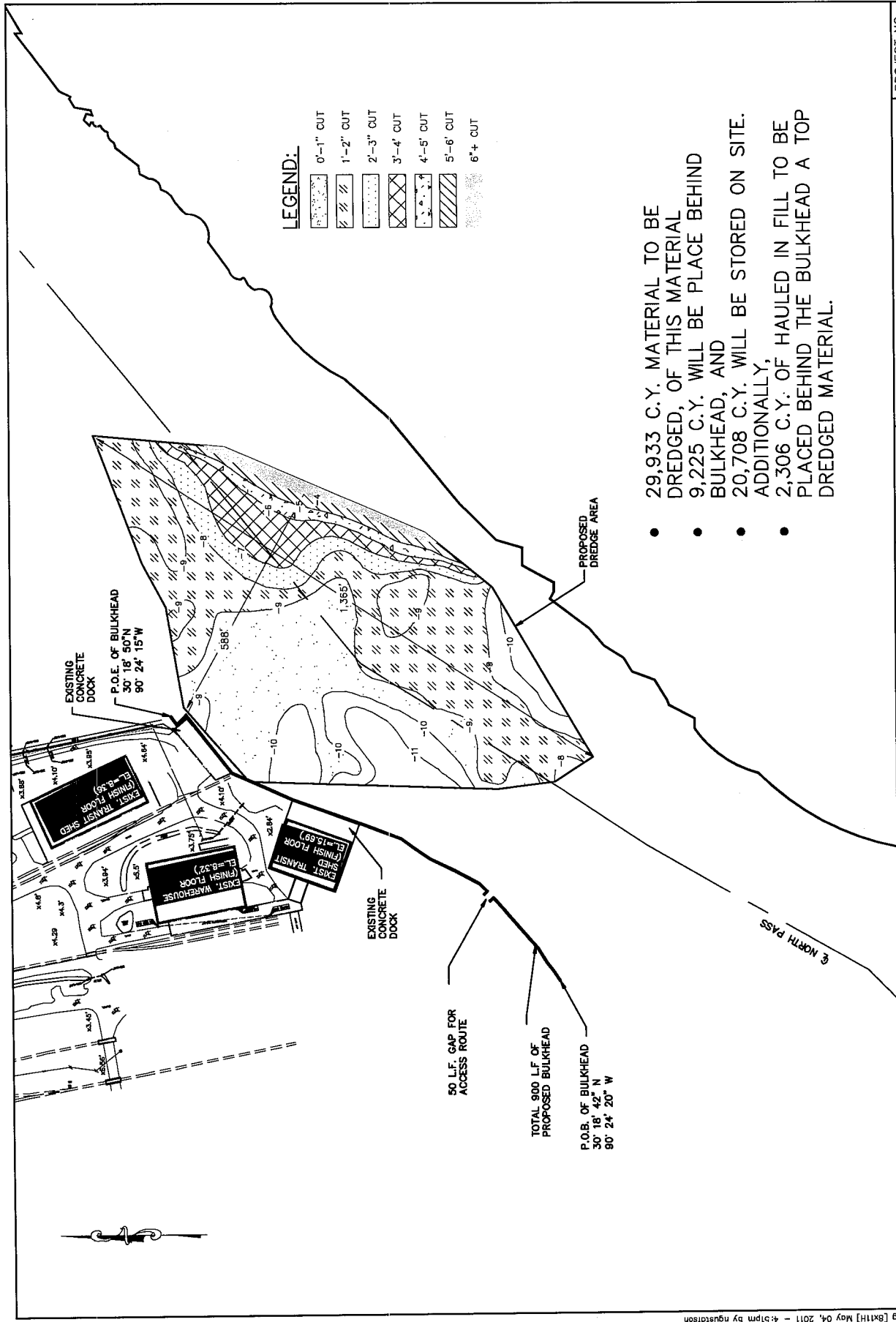




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|---|-------------|------------|
| <b>PROFESSIONAL ENGINEERING<br/>CONSULTANTS CORPORATION</b><br>7000 GRI Avenue • Baton Rouge, LA 70820<br>Phone: 225.769.2810 • Fax: 225.769.2822 | PROJECT NO. | 10708      |
|   | SHEET NO.   | 2 OF 5     |
| <b>PORT MANCHAC, LOUISIANA</b><br>OWNER   | SCALE:      | 1" = 300'  |
|   | DATE:       | APRIL 2011 |
| <b>PORT MANCHAC NORTH PASS<br/>DREDGING</b><br>TITLE  |             |            |

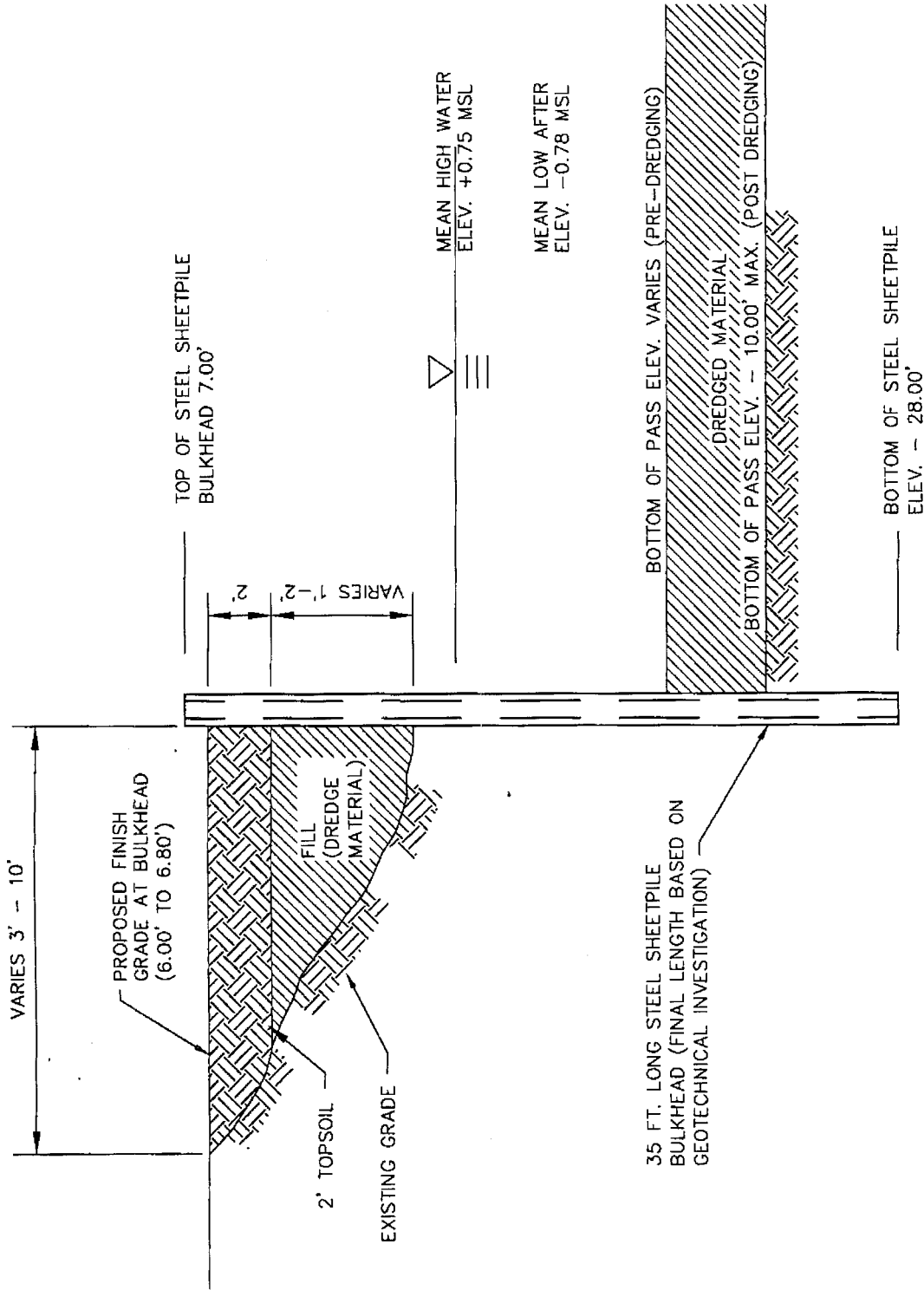







- 29,933 C.Y. MATERIAL TO BE DREDGED, OF THIS MATERIAL
- 9,225 C.Y. WILL BE PLACE BEHIND BULKHEAD, AND
- 20,708 C.Y. WILL BE STORED ON SITE. ADDITIONALLY,
- 2,306 C.Y. OF HAULED IN FILL TO BE PLACED BEHIND THE BULKHEAD A TOP DREDGED MATERIAL.

|                                     |  |  |  |  |   |
|-------------------------------------|--|--|--|--|---|
| PORT MANCHAC,<br>LOUISIANA<br>OWNER | PORT MANCHAC NORTH PASS<br>OCM PLAT<br>TITLE |  | SCALE:<br>1" = 300'<br>DATE:<br>MAY 2011 | <br><b>PROFESSIONAL ENGINEERING<br/>CONSULTANTS CORPORATION</b><br>7500 GSR Avenue • Baton Rouge, LA 70820<br>Phone: 225.769.2810 • Fax: 225.769.2882 | PROJECT NO.<br>10708<br>SHEET NO.<br>4 OF 5 |
|                                     |  |  |  |  |   |



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|-------------------------------------|---|--|---|---|-----------------------------|
| PORT MANCHAC,<br>LOUISIANA<br>OWNER | CROSS SECTION AT STEEL<br>SHEETPILE BULKHEAD (TYP.) |  | SCALE:<br>N.T.S.<br>DATE:<br>MARCH 2011 |  <b>PROFESSIONAL ENGINEERING<br/>CONSULTANTS CORPORATION</b><br>7600 GSR Avenue • Baton Rouge, LA 70820<br>Phone: 225.769.2810 • Fax: 225.769.2882 | PROJECT NO.<br><b>10708</b> |
|                                     |   |  |   |   | SHEET NO.<br><b>1</b>       |