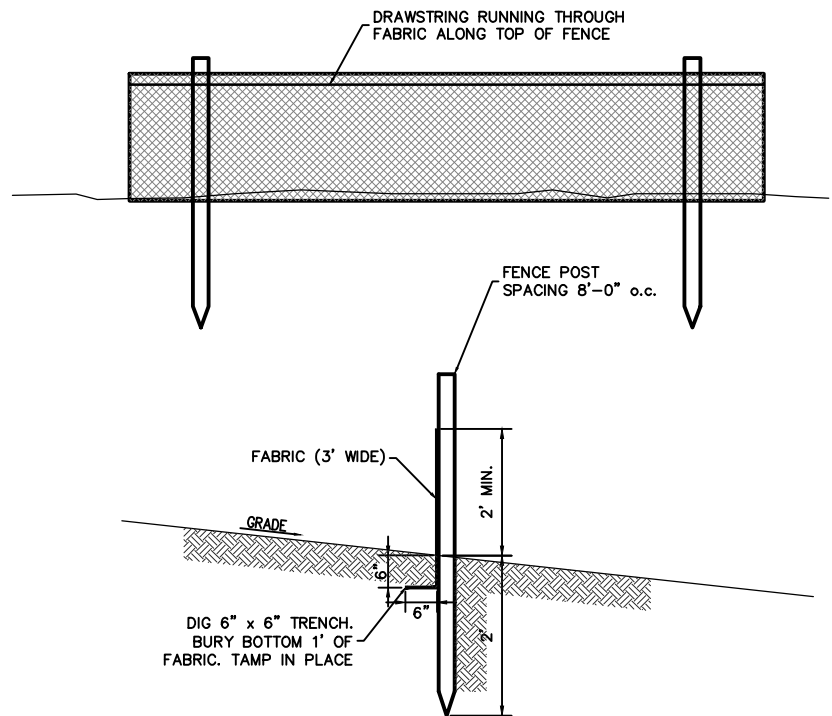
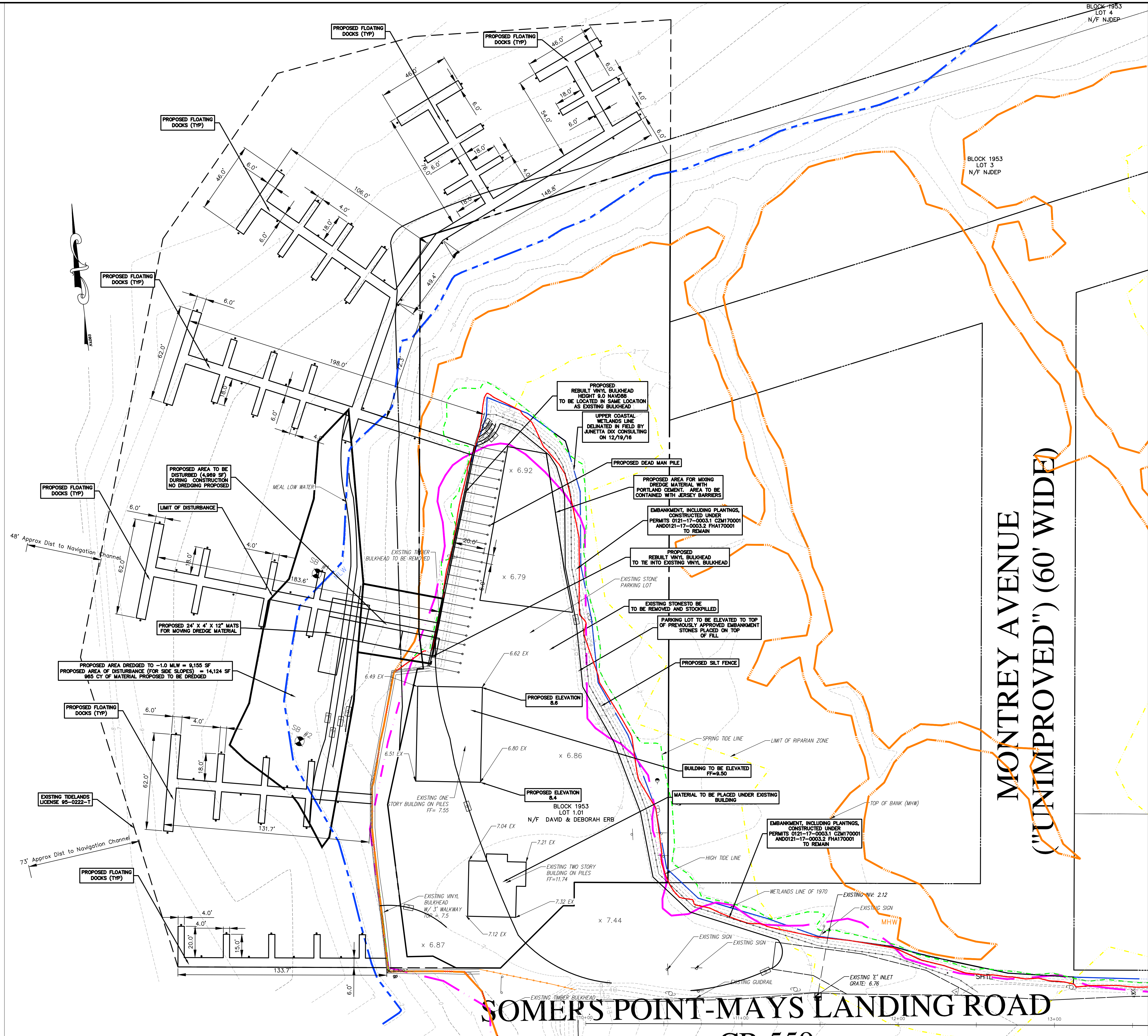
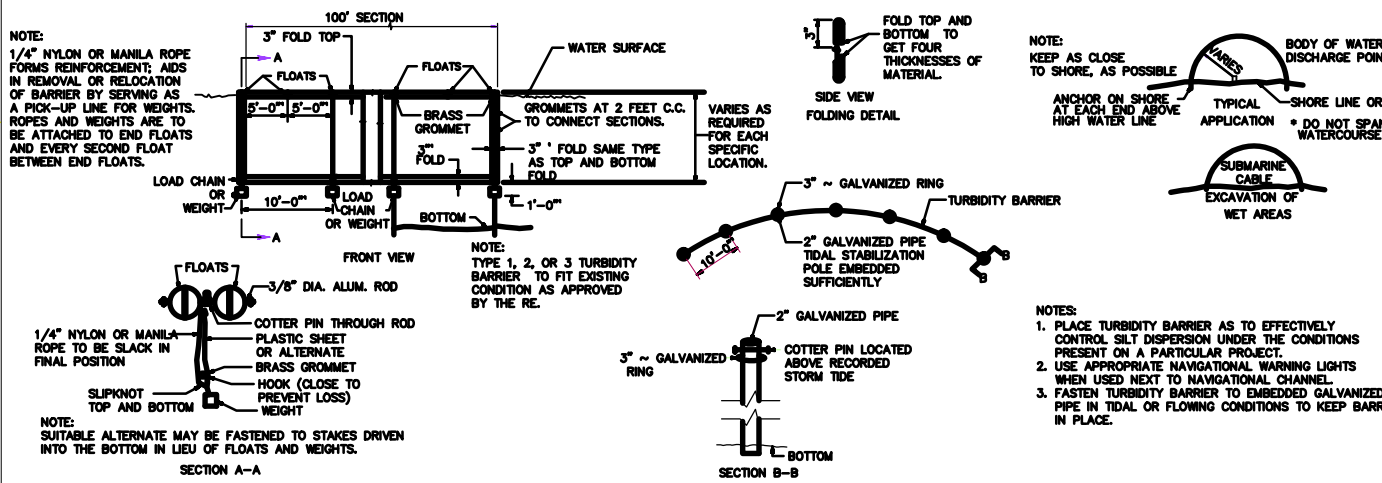


[illegible]



SILT FENCE DETAIL
NOT TO SCALE



FLOATING TURBIDITY BARRIER

Notes: 1. Turbidity Barrier shall be installed along the limit of disturbance.

DREDGING NOTES

- 1.0 DREDGING
- 1.1 MATERIALS WILL BE MECHANICALLY DREDGED FROM DREDGE SITE IN MARINA TO LIMITS SHOWN. TURBIDITY BARRIERS SHALL BE USED DURING DREDGING OPERATIONS.
- 2.0 MATERIAL TO BE USED FOR STRUCTURAL FILL (4,485 CY)
- 2.1 MATERIAL WILL BE MECHANICALLY DREDGED AND MIXED WITH DRY PORTLAND CEMENT ON UPLAND.
- 2.2 MATERIAL WILL BE SPREAD ON UPLAND SITE UNTIL MATERIAL REACHES AN OPTIMUM MOISTURE CONTENT.
- 3.0 FINAL CLEAN UP
- 3.1 THE PARKING LOT AND ALL ANCILLARY AREAS AFFECTED BY THE CONSTRUCTION OPERATIONS SHALL BE CLEANED AND RESTORED TO THE ORIGINAL PRE-CONSTRUCTED CONDITIONS OR BETTER. STONE WILL BE INSTALLED OVER FILL.

- Notes:
- 1. Total Cubic Yards of material to be placed in parking area is 1,110 Cubic Yards (965 CY of dredge material and 145 CY of mixed portland cement).
 - 2. Sediment samples were taken from within the proposed dredging area on October 18th, 2018 and the results of the grain size analysis are summarized below.

Sample ID	% Sand	% Silt
SB-1	13.7	86.3
SB-2	10.4	89.6

3. All elevations are in NAVD 88

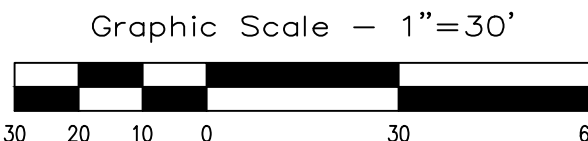
Tide Station 8534975

All elevations are in NAVD 88

Mean Low Water (MLW) = -2.19
Mean High Water (MHW) = 1.34
Spring High Tide Line (SHTL) = 2.05
High Tide Line (HTL) = 2.80

SYMBOL LEGEND

- Storm Drainage Manhole
- Sanitary Sewer Manhole
- Water Meter
- Sanitary Sewer Clean Out
- Gas Valve
- Water Valve
- Sign
- Guy Wire
- Utility Pole
- Benchmark
- Utility Box
- Concrete Monument / Pin
- Tree
- Gas Utility
- Light Pole
- Limit of Riparian Zone
- 1970 Wetlands Line
- Spring High Tide Line
- Mean High Water Line
- Field Delineated Wetlands Line
- High Tide Line
- Mean Low Water Line



James A. Mott Professional Engineer & Land Surveyor New Jersey License No. 29918		Date 12/4/18	Approved JAM	Checked JAM	Drawn GKS	Designed GKS
Mott Associates, LLC CONSULTING ENGINEERS & PLANNERS 3122 Fire Road Egg Harbor Township, New Jersey 08234 Phone: (609) 569-1551 Fax: (609) 569-1521 State Board of Professional Engineers & Land Surveyors Certificate of Authorization No. GA-278420		Date 12/4/18	Approved JAM	Checked JAM	Drawn GKS	Designed GKS
City of Somers Point Atlantic County, New Jersey Gateway Marina Proposed Site Plan Block 1953, Lot 1.01 & 1.01.01		Job No. 7031.8	Sheet GRAD	Total 2 3		



			
Job No. 7031.8		Sheet DETAILS	
3 B/O		3 Total	

City of Somers Point

Atlantic County, New Jersey

Gateway Marina

Construction Details

MOTT ASSOCIATES, LLC

CONSULTING ENGINEERS & PLANNERS

3122 Fire Road

Egg Harbor Township, New Jersey 08234

Phone: (609) 569-1551

Fax: (609) 569-1521

James A. Mott

Professional Engineer & Land Surveyor

New Jersey License No. 29918

Designed

Drawn

Checked

Approved

GKS

GKS

GKS

JAM

Date

12/4/18

State Board of Professional Engineers & Land Surveyors

Certificate of Authorization No. GA-129620

By

Revisions

Date