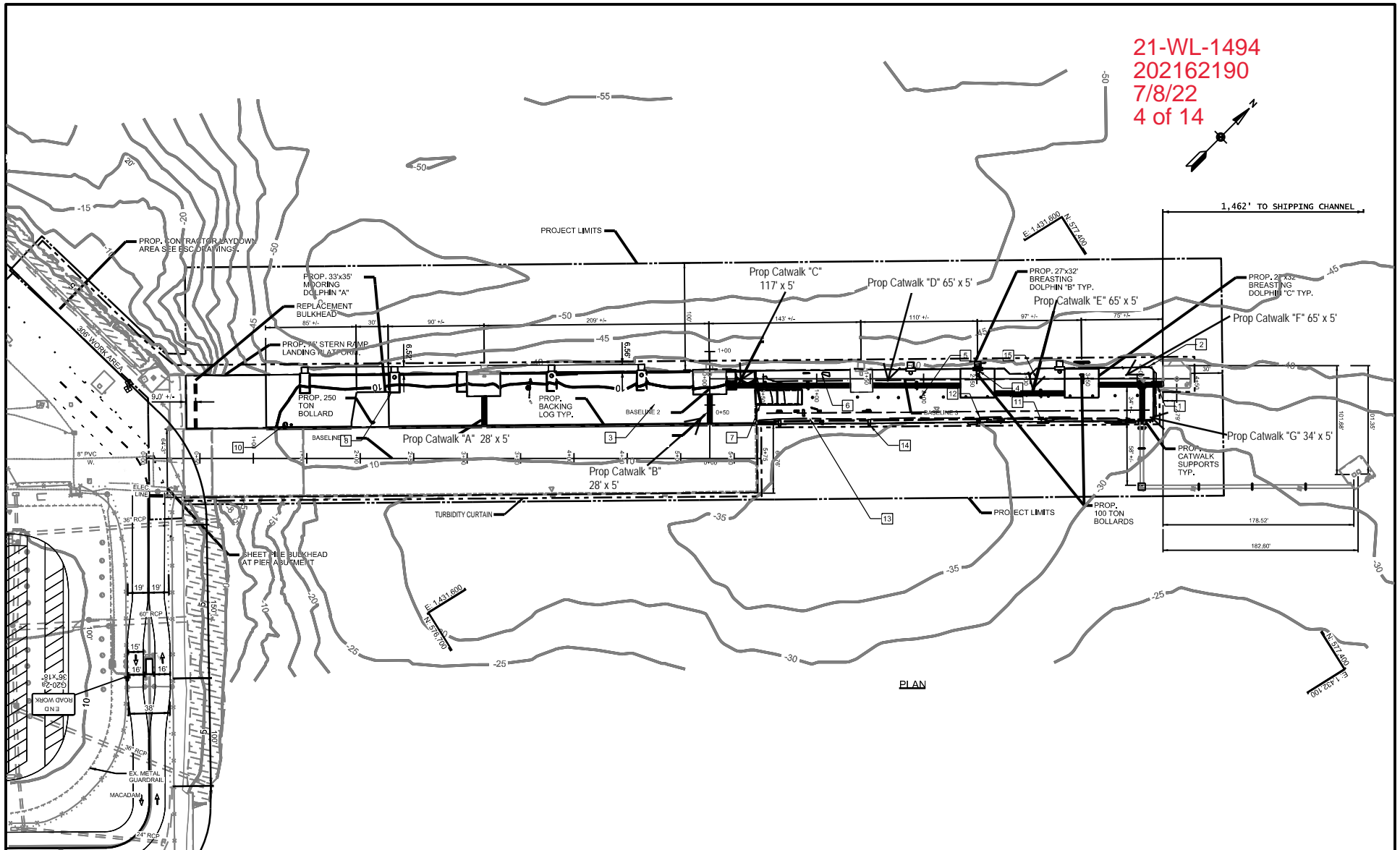


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PLAN

**LEGEND**

SILT & TURBIDITY BARRIER - - - - -

 MARYLAND DEPARTMENT OF TRANSPORTATION MARYLAND PORT ADMINISTRATION	 WSP USA 1 Pratt Street Suite 300 Baltimore, MD 21202 (410) 385-4176	<b>PIER 4 REPLACEMENT                  FAIRFIELD MARINE TERMINAL</b>	
		DESCRIPTION <b>PROPOSED CONDITIONS</b>	
		<b>SHEET NO. 4 OF 14</b>	
		DATE: JULY, 2022	SCALE: NONE

# EROSION AND SEDIMENT CONTROL - GENERAL NOTES

## SEQUENCE OF CONSTRUCTION

1. THE CONTRACTOR SHALL NOTIFY MDE AT (410) 537-3510 SEVEN (7) DAYS BEFORE COMMENCING ANY LAND DISTURBING ACTIVITY AND, UNLESS WAIVED BY MDE, SHALL BE REQUIRED TO HOLD A PRE CONSTRUCTION MEETING BETWEEN PROJECT REPRESENTATIVES AND A REPRESENTATIVE OF MDE.
2. CALL MISS UTILITY AT 1-800-257-7777 48 HOURS PRIOR TO THE START OF WORK.
3. THE CONTRACTOR SHALL NOTIFY MDE IN WRITING AND BY TELEPHONE AT THE FOLLOWING POINTS (NOTIFICATION PRIOR TO COMMENCING CONSTRUCTION OF EACH STEP IS MANDATORY):
  - 3.1 THE REQUIRED PRE-CONSTRUCTION MEETING.
  - 3.2 FOLLOWING INSTALLATION OF SEDIMENT CONTROL MEASURES.
  - 3.3 PRIOR TO REMOVAL OR MODIFICATION OF ANY SEDIMENT CONTROL STRUCTURE(S).
  - 3.4 PRIOR TO REMOVAL OF ALL SEDIMENT CONTROL DEVICES.
  - 3.5 PRIOR TO FINAL ACCEPTANCE.
4. CONTRACTOR IS REQUIRED TO OBTAIN ALL NECESSARY PERMITS.
5. THE LIMITS OF DISTURBANCE MUST BE FIELD MARKED PRIOR TO CLEARING OF TREES, INSTALLATION OF SEDIMENT CONTROL MEASURES, CONSTRUCTION, OR OTHER LAND DISTURBING ACTIVITIES.
6. CONTRACTOR TO ESTABLISH A PROTECTED STAGING AREA FOR EQUIPMENT AND PARKING.
7. SAME DAY STABILIZATION IS TO BE PERFORMED AT THE END OF EACH WORKING DAY WHERE INDICATED ON THE PLAN AND/OR AGREED UPON BY THE CONTRACTOR/ INSPECTOR TO FACILITATE.
8. THE SITE IS WITH IN THE 100 YEAR FLOODPLAIN.
9. THE SITE IS WITH IN THE CHESAPEAKE BAY CRITICAL AREA.
10. THE TIDE LEVELS WILL NOT BE A BASIS FOR CLAIM FOR ADDITIONAL COMPENSATION OR DELAY OF THE WORK DURING CONSTRUCTION. VARIATION OF TIDAL LEVELS FROM THOSE INDICATED OR THE CONTRACTOR'S ESTIMATION OF THE LEVELS INDICATED. THE CONTRACTOR IS RESPONSIBLE FOR MAKING ESTIMATIONS OF TIDES WHICH MAY OCCUR GUARANTEED TO REPRESENT CONDITIONS WHICH MAY OCCUR DURING CONSTRUCTION. ACTUAL TIDES WILL VARY FROM 1983-2001 TIDAL EPOCH FOR STATION ID 8574680 - BALTIMORE, FORTMCHENRY, PATAPSCO RIVER, MD, AND IS NOT TIDAL INFORMATION AS PER NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) AVERAGES BASED ON.

HIGHEST RECORDED TIDE (EXTREME HIGH):+7.93

MEAN HIGHER HIGH WATER (MHHW):+1.44

MEAN HIGH WATER (MHW):+1.15

NORTH AMERICA VERTICAL DATUM (NAVD88):+0.62

MEAN SEA LEVEL (MSL):-0.59

MEAN TIDE LEVEL (MTL):-0.57

MEAN LOW WATER (MLW):-0.00

MEAN LOWER LOW WATER (MLLW):-0.22

BALTIMORE CITY DATUM (BCD):-1.02

LOWEST RECORDED TIDE (EXTREME LOW):-5.31

## SITE INFORMATION

- A. TOTAL AREA DISTURBED 2.33 ACRES
  - B. TOTAL CUT 0.00 CU. YDS.
  - C. TOTAL FILL 0.00 CU. YDS.
  - D. OFFSITE WASTE/BORROW 0.00
- AREA LOCATION (IF KNOWN)



\* (NOT FOR BIDDING PURPOSES)

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## IMPACT SUMMARY TABLE

WORK PROPOSED	Length (ft)	Average Width (ft)	Total Area Impacted	
			Permanent (sq. ft)	Volume of Fill (CY)
Replacement Bulkhead	50	4.52	226	N/A
Rubble placement			48,000	5,400

\*Measured from back pile of existing bulkhead to front face of replacement bulkhead. For the purposes of permitting, the channelward encroachment is measured from the front face of the existing bulkhead to the landward side of the replacement bulkhead resulting in an encroachment ranging from 18 inches to a maximum of 25 inches, creating approximately 100 sf of fill between the bulkheads.

 MARYLAND DEPARTMENT OF TRANSPORTATION MARYLAND PORT ADMINISTRATION	 WSP USA 1 Pratt Street Suite 300 Baltimore, MD 21202 (410) 385-4176	<b>PIER 4 REPLACEMENT FAIRFIELD MARINE TERMINAL</b>	
		DESCRIPTION <b>E &amp; S NOTES</b>	
		<b>SHEET NO. 5 OF 14</b>	
		DATE: JULY, 2022	SCALE: NONE

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