

Summary Description
Adagio Fort Lauderdale
TCG Project No. 15-0063

The project site is located along the Intracoastal Waterway at 435 Bayshore Drive, in Section 01, Township 50, Range 42, in the City of Fort Lauderdale, Broward County, Florida

The property is located along the Intracoastal Waterway (ICWW), which is a tidal water. The nearest direct connection to the Atlantic Ocean is 2.4 miles to the south at the Port Everglades Inlet. As the project site is located along the ICWW, the incoming tidal waters (flood) at the site move to the northwest and the outgoing waters (ebb) move to the southeast.

The project site consists of an existing 2.5' seawall cap and $\pm 1,272$ ft² concrete marginal dock. The proposed project includes the installation of four (4) 4'x20' finger piers, and fourteen (14) mooring piles into the ICWW. As measured from the property line, the proposed structures encroach more than 25' from the property line into the ICWW. As these distances are over the allowable 25' distance into the waterway from the property line, the proposed mooring piles will require a variance waiver.

The proposed structures have been approved by the Broward County Environmental Protection & Growth Management Department, the Florida Department of Environmental Protection, and the US Army Corps of Engineers.

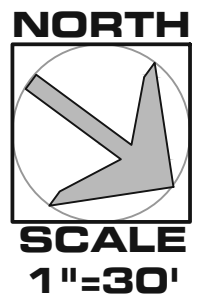
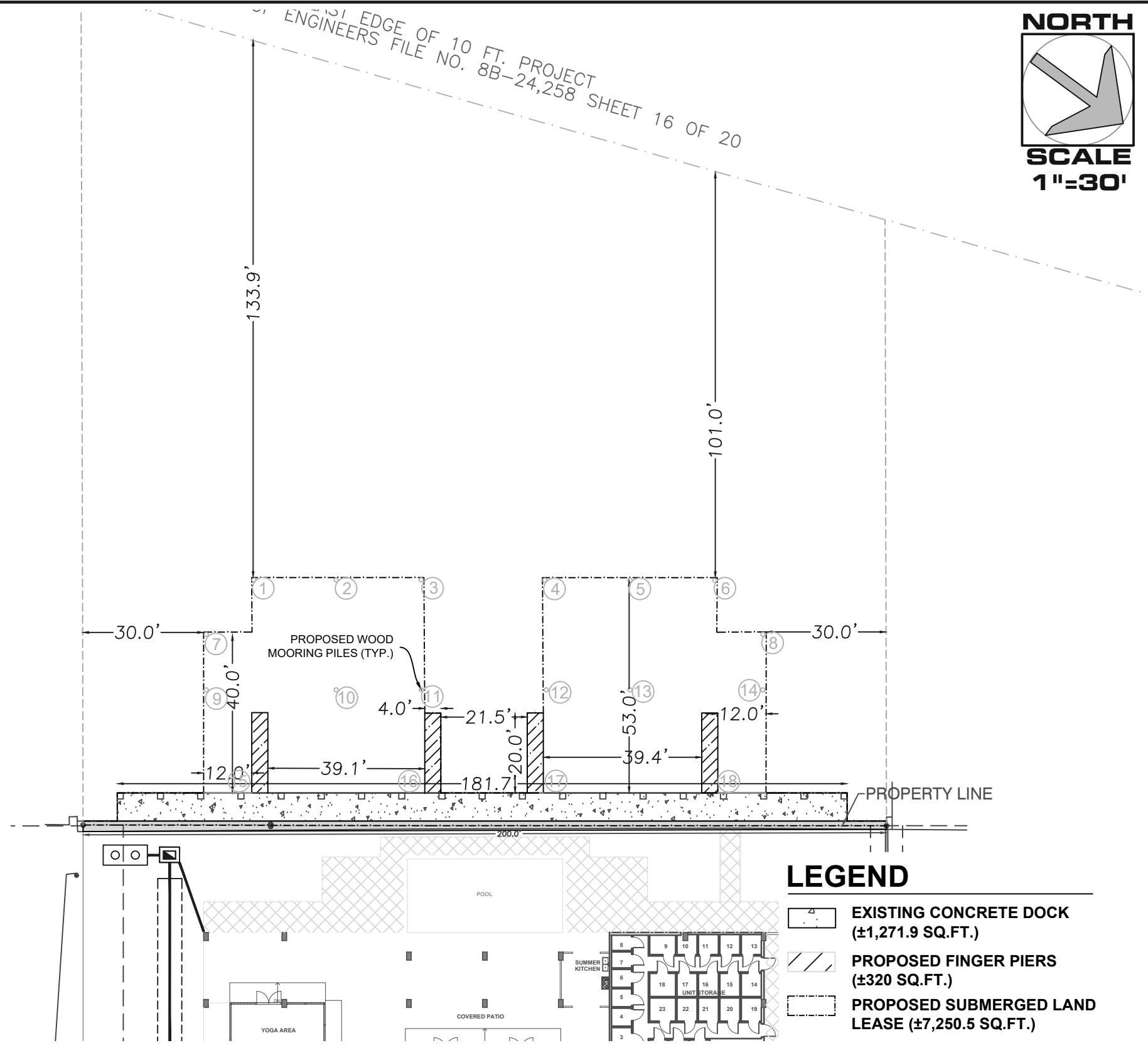
The following four (4) matters provide justification for this waiver request:

1. All structures and piles will not exceed 30% of the width of the waterway.
2. Due to the extraordinary width of the waterway at this location to the closest structure ($\pm 600'$), the proposed project will not impede navigation within the ICWW.
3. The finger piers and mooring piles are necessary for safely mooring resident's vessels, especially during high wind events, severe weather and boat traffic (not in no wake zone).
4. The proposed structures are consistent with neighbors in the near vicinity.

If this waiver is approved, the applicant will comply with all necessary construction requirements stated in Section 47-19.3 (C)(D)(E).

PROPOSED STRUCTURES	STRUCTURE DISTANCE FROM PROPERTY LINE	PERMITTED DISTANCE WITHOUT WAIVER	DISTANCE REQUIRING A WAIVER
Mooring Pile #1	±61.0'	25'	±36'
Mooring Pile #2	±61.0'	25'	±36'
Mooring Pile #3	±61.0'	25'	±36'
Mooring Pile #4	±61.0'	25'	±36'
Mooring Pile #5	±61.0'	25'	±36'
Mooring Pile #6	±61.0'	25'	±36'
Mooring Pile #7	±47.4	25'	±22.4'
Mooring Pile #8	±47.4'	25'	±22.4'
Mooring Pile #9	±33.6'	25'	±8.6'
Mooring Pile #10	±33.6'	25'	±8.6'
Mooring Pile #11	±33.6'	25'	±8.6'
Mooring Pile #12	±33.6'	25'	±8.6'
Mooring Pile #13	±33.6'	25'	±8.6'
Mooring Pile #14	±33.6'	25'	±8.6'
Finger Pier #15	±28.0'	25'	±3'
Finger Pier #16	±28.0'	25'	±3'
Finger Pier #17	±28.0'	25'	±3'
Finger Pier #18	±28.0'	25'	±3'

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Mooring Pile #10	±33.6'	25'	±8.6'
Mooring Pile #11	±33.6'	25'	±8.6'
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tel. 954.782.1908
fax. 954.782.1108
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ADAGIO FORT LAUDERDALE

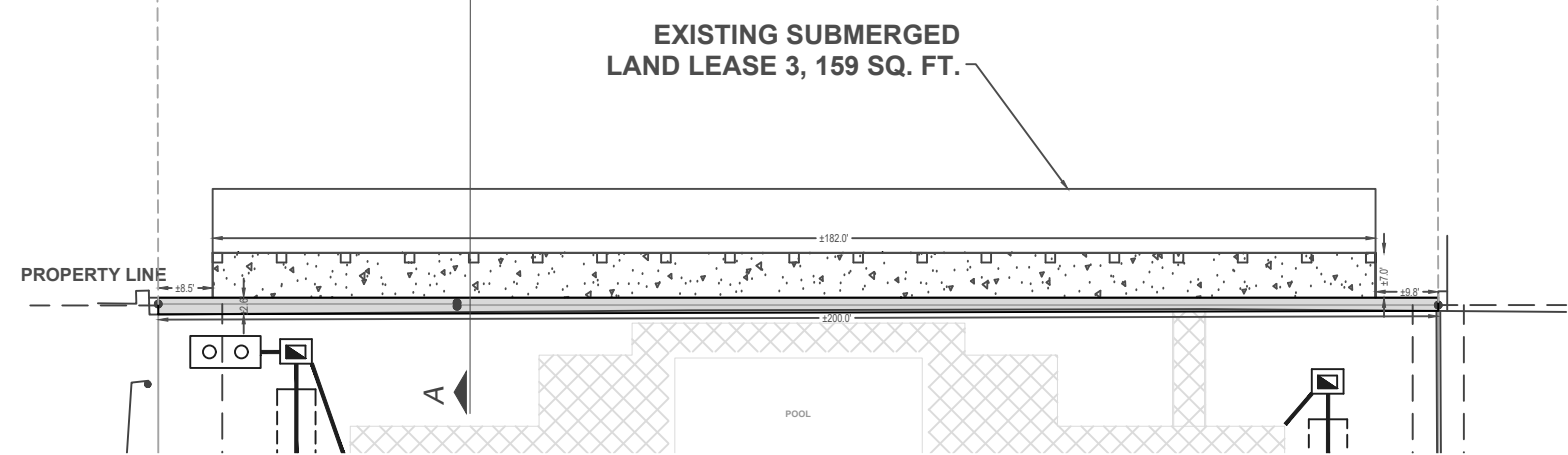
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DISTANCE EXHIBIT		
Date: 5/21/2017	Sheet : 1	of : 1
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SCALE
1"=30'

APPROXIMATE EAST EDGE OF 10 FT. PROJECT
CORPS. OF ENGINEERS FILE NO. 8B-24,258 SHEET 16 OF 20



EXISTING SUBMERGED
LAND LEASE 3, 159 SQ. FT.

LEGEND

EXISTING SEAWALL CAP ±2.5' (±200 in. ft.)

EXISTING CONCRETE DOCK TO REMAIN (±1,272 SQ.FT.)

M.H.W. = 0.3' NAVD M.L.W. = (-) 2.1' NAVD

NOTE:

1. BOUNDARY AND TOPOGRAPHIC SURVEY PROVIDED BY PULICE LAND SURVEYORS, INC.

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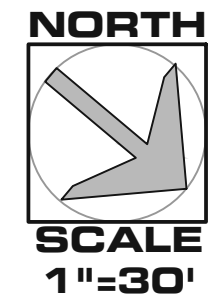
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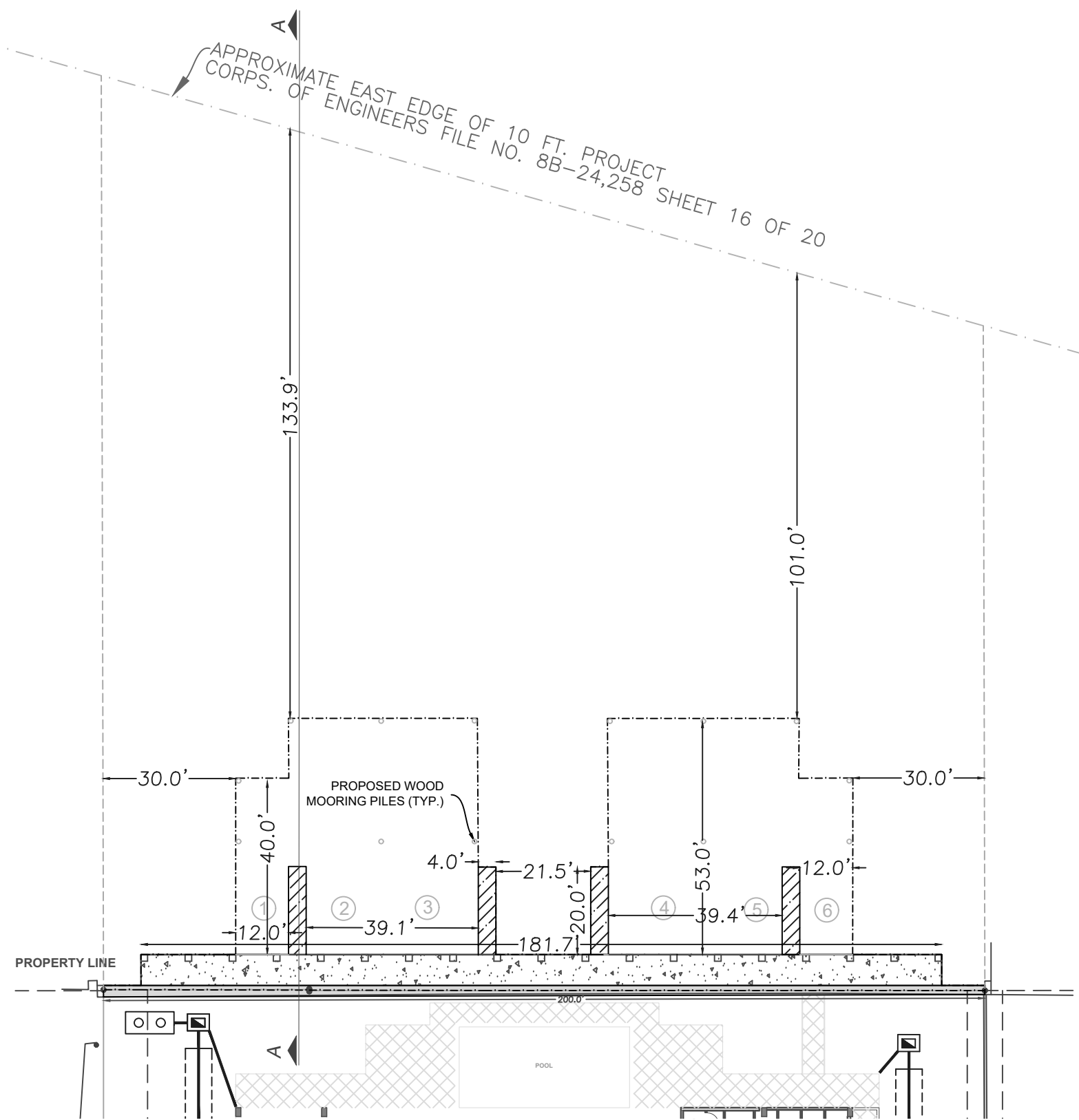
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EXISTING CONDITIONS		
Date: 5/24/2017	Sheet : 1	of : 4
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APPROXIMATE EAST EDGE OF 10 FT. PROJECT
CORPS. OF ENGINEERS FILE NO. 8B-24,258 SHEET 16 OF 20



PROPOSED SLIP TABLE

SLIP	LENGTH	WIDTH
1	40'	12'
2	50'	15'
3	50'	15'
4	50'	15'
5	50'	15'
6	40'	12'

LEGEND

- EXISTING CONCRETE DOCK (±1,271.9 SQ.FT.)
- PROPOSED FINGER PIERS (±320 SQ.FT.)
- PROPOSED SUBMERGED LAND LEASE (±7,250.5 SQ.FT.)

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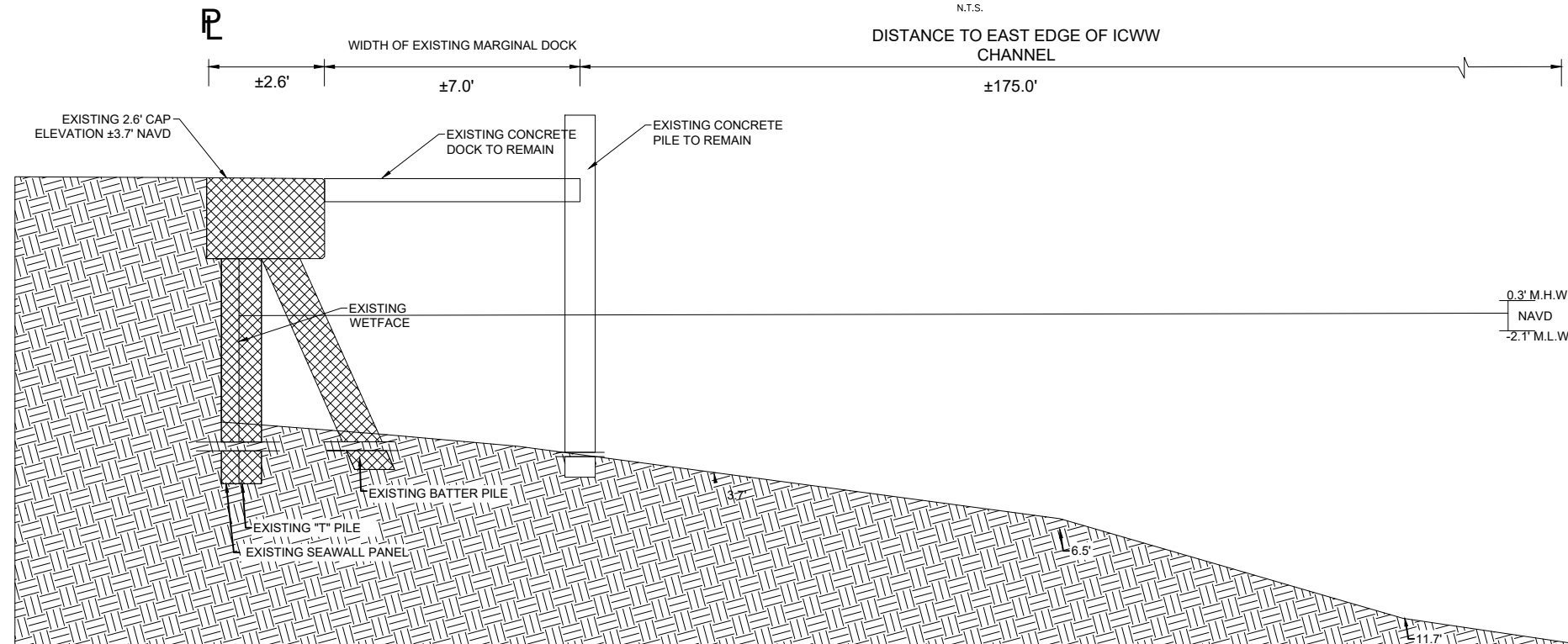
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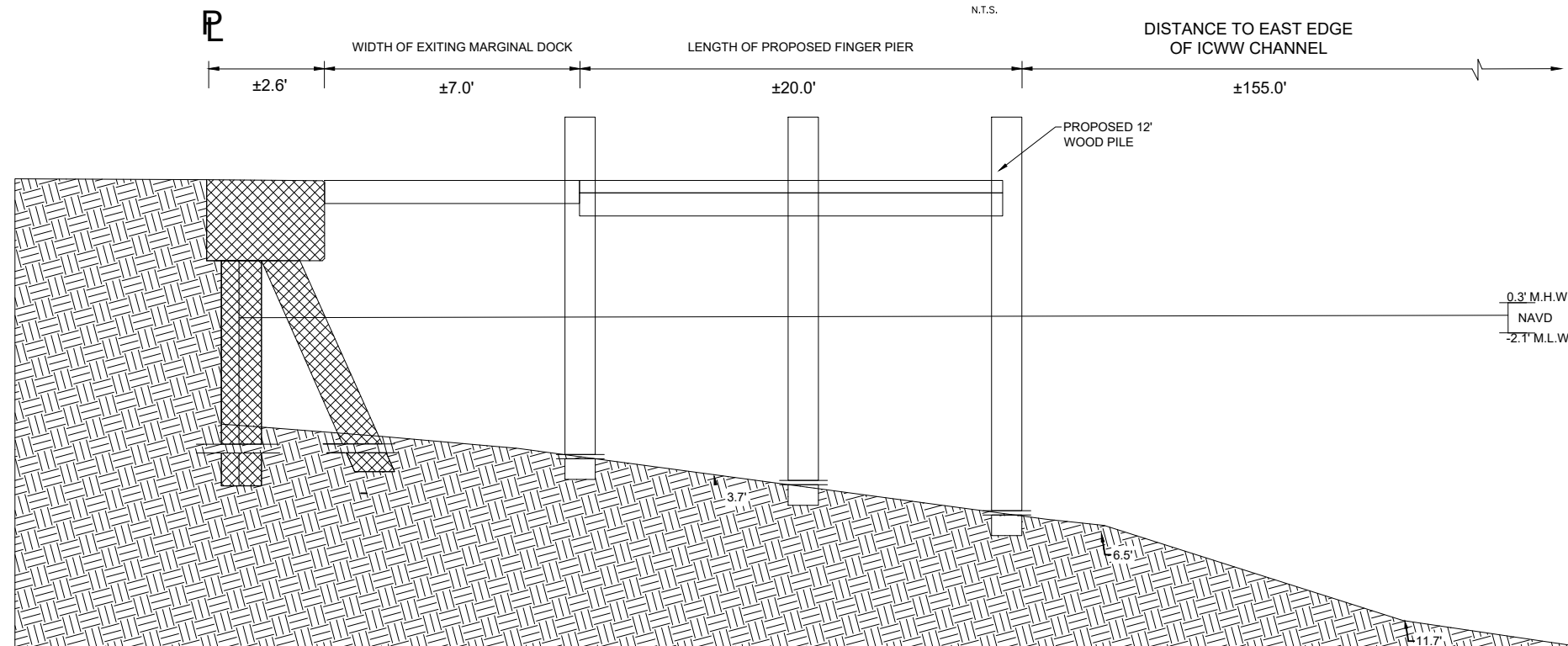
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EXISTING A-A CONDITIONS (TYP.)



PROPOSED A-A CONDITIONS (TYP.)



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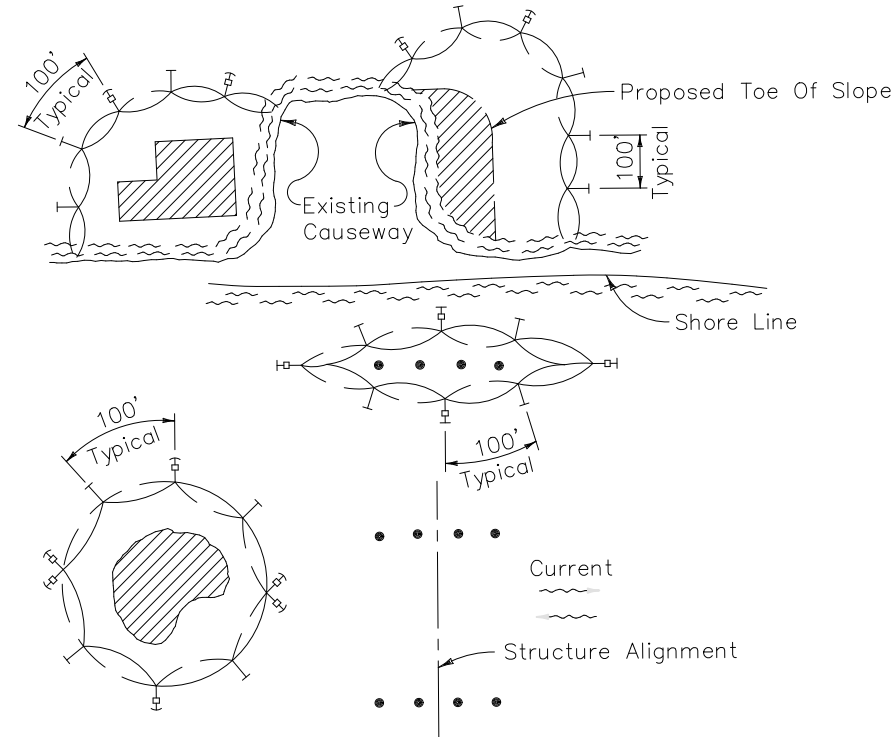
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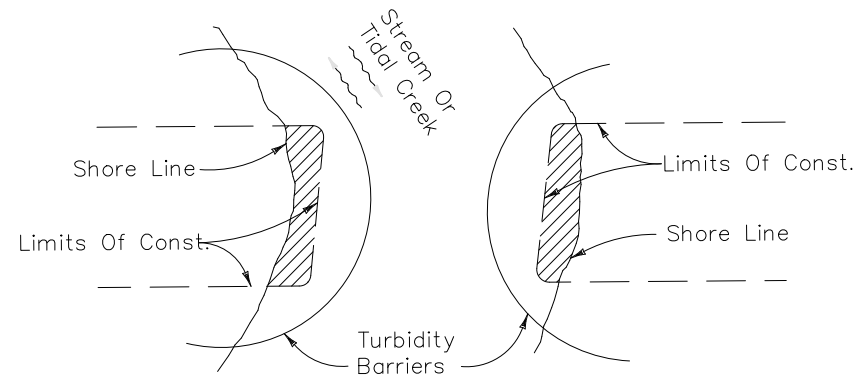
DETAILS

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CONSTRUCTION BARGE (TYP.)



- LEGEND
- Pile Locations
 - ▨ Dredge Or Fill Area
 - Mooring Buoy w/Anchor
 - ⊥ Anchor
 - Barrier Movement Due To Current Action

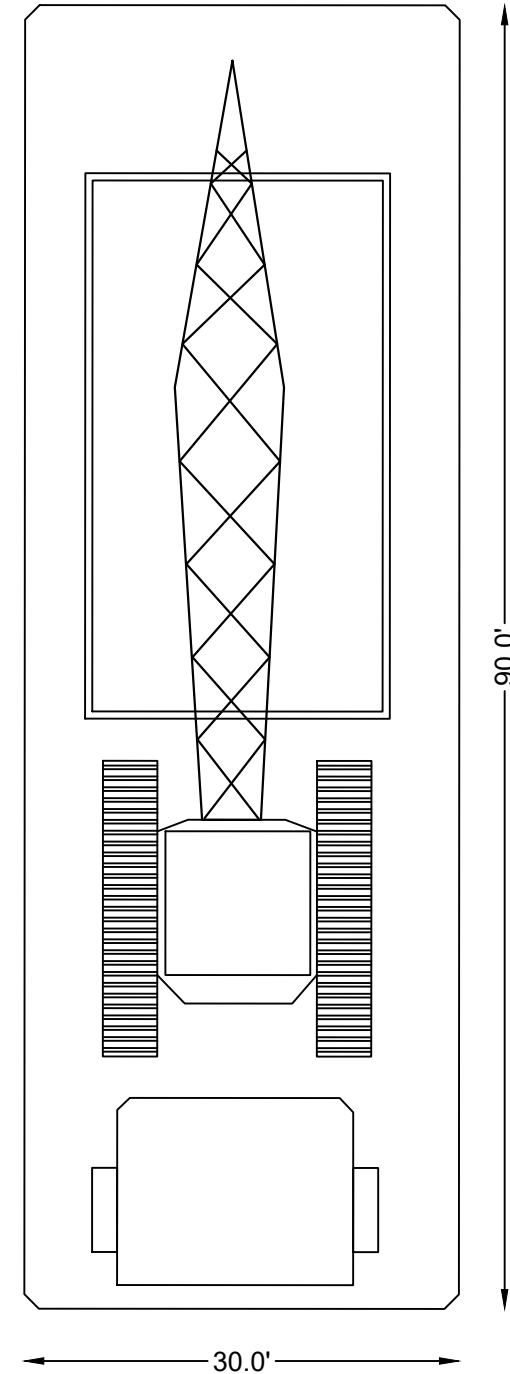


Note:
Turbidity barriers for flowing streams and tidal creeks may be either floating, or staked types or any combinations of types that will suit site conditions and meet erosion control and water quality requirements. The barrier type(s) will be at the Contractors option unless otherwise specified in the plans, however payment will be under the pay item(s) established in the plans for Floating Turbidity Barrier and/or Staked Turbidity Barrier. Posts in staked turbidity barriers to be installed in vertical position unless otherwise directed by the Engineer.

NOTES:

1. Turbidity barriers are to be used in all permanent bodies of water regardless of water depth.
2. Number and spacing of anchors dependent on current velocities.
3. Deployment of barrier around pile locations may vary to accommodate construction operations.
4. Navigation may require segmenting barrier during construction operations.
5. For additional information see Section 104 of the Standard Specifications.

TURBIDITY BARRIER APPLICATIONS



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