

219 PALM TRAIL

PLAN SET



LOCATION MAP (N.T.S.)

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VICINITY AERIAL (N.T.S.)

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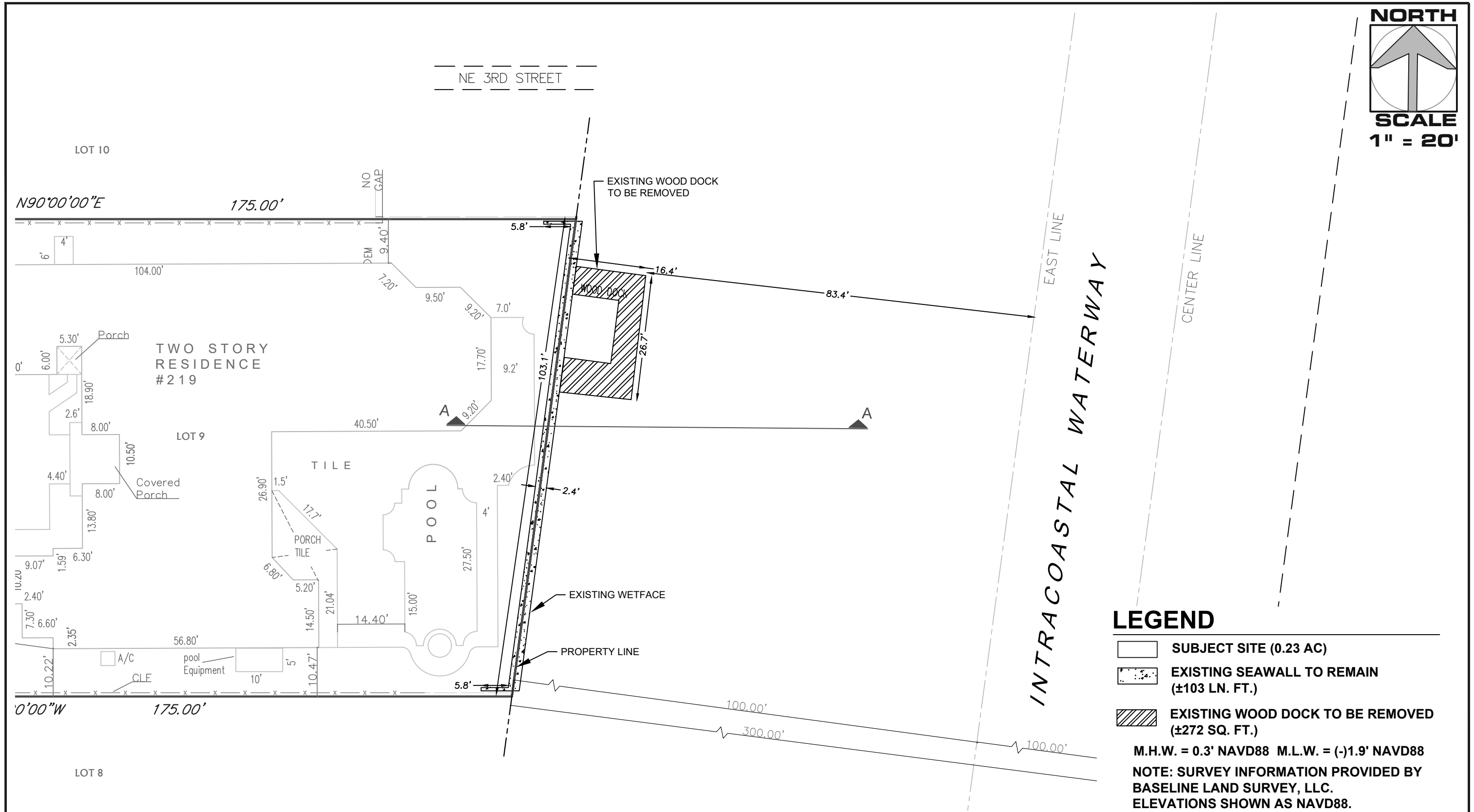
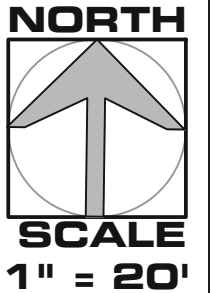
THE Chappell GROUP INC.
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- Environmental Consultants
- Marina & Wetland Permitting
- Mitigation Design & Monitoring
- T&E Species Surveys
- Tree Surveys/ Appraisals

219 PALM TRAIL
PREPARED FOR:
FIRSTWATER BUILDING & DESIGN

EXISTING CONDITIONS

Date: 4/25/2022	Sheet : 1	of : 5
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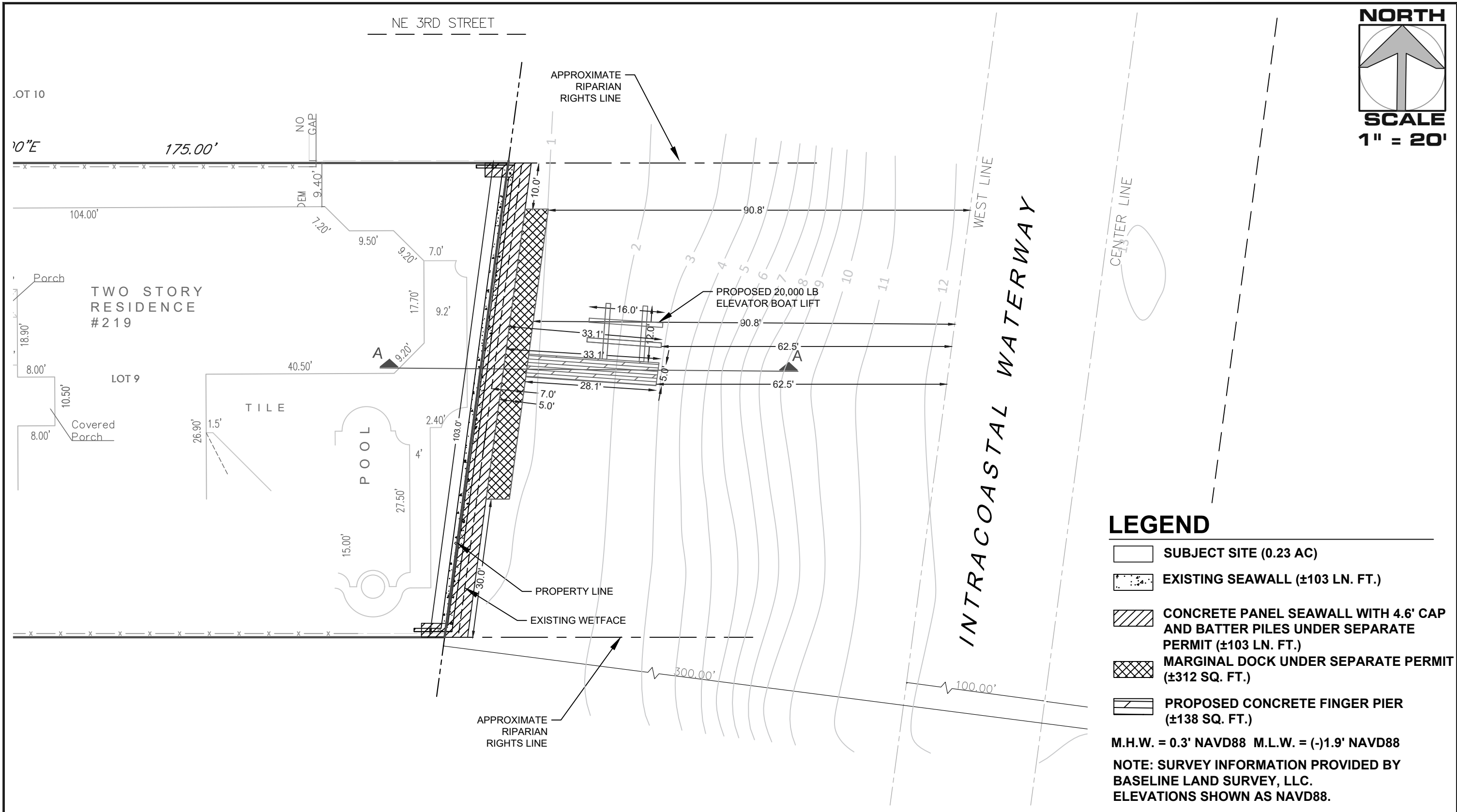
EXISTING CONDITIONS

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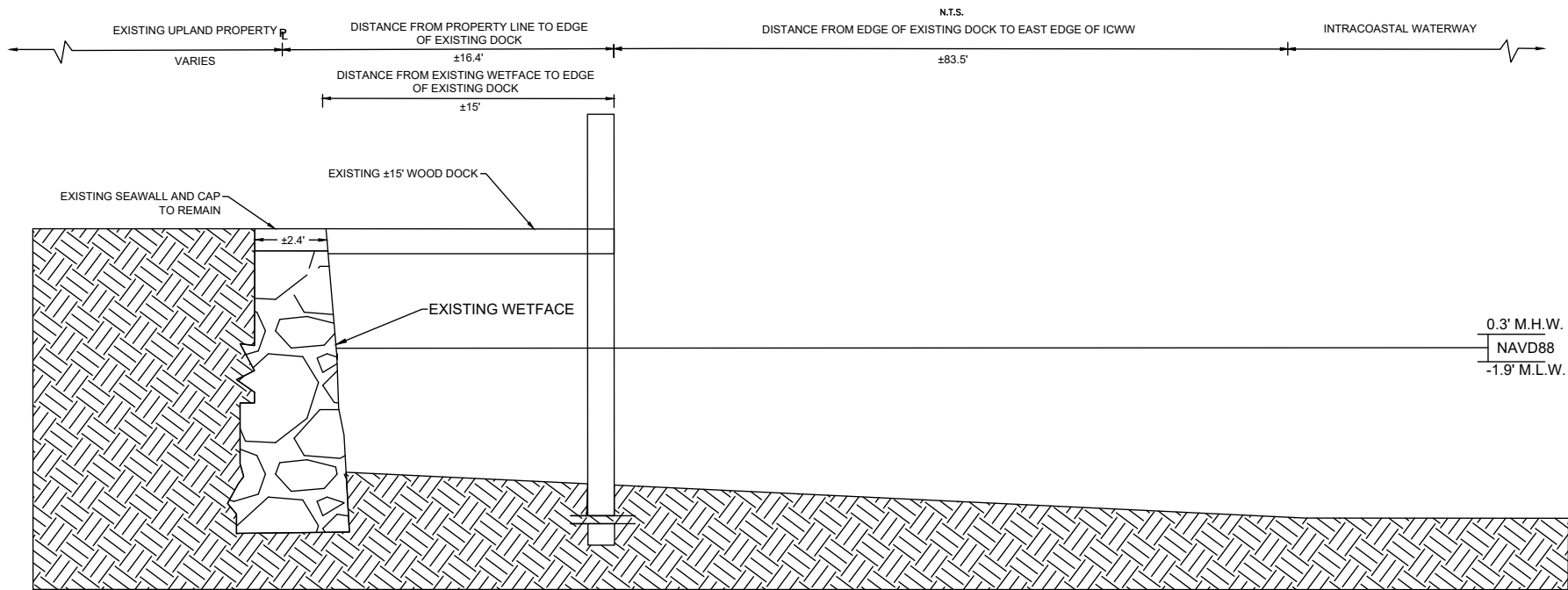
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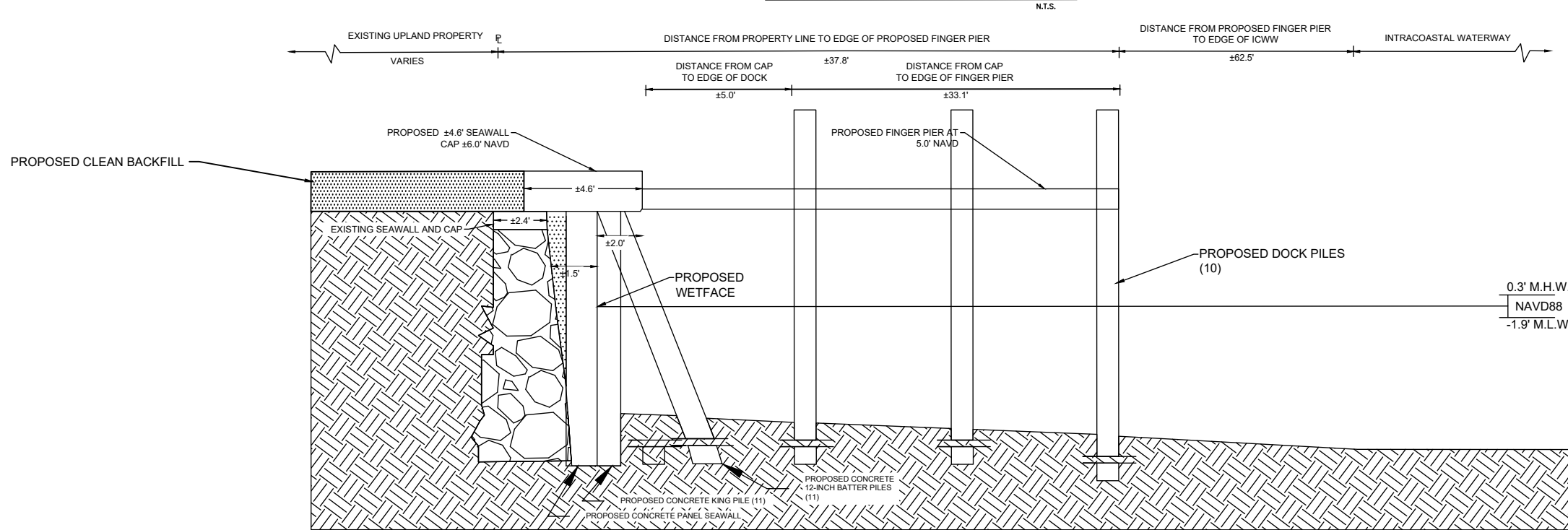
FIRSTWATER BUILDING & DESIGN

PROPOSED CONDITIONS		
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EXISTING CONDITIONS A-A (TYP.)



PROPOSED CONDITIONS A-A (TYP.)



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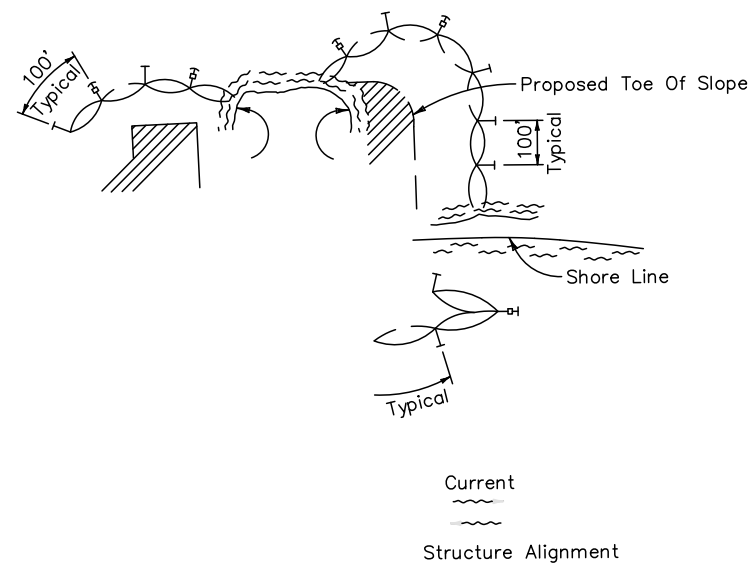
SECTION A

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4

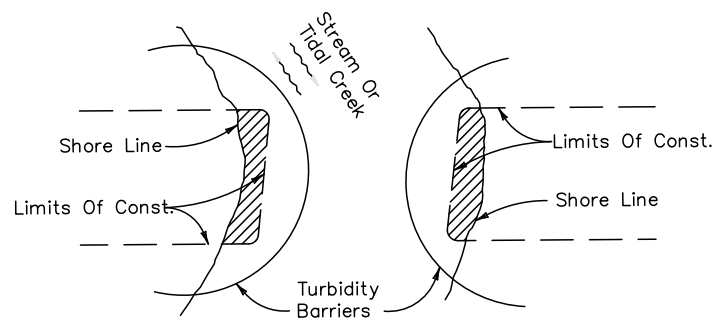
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CONSTRUCTION BARGE
(TYP.)



LEGEND

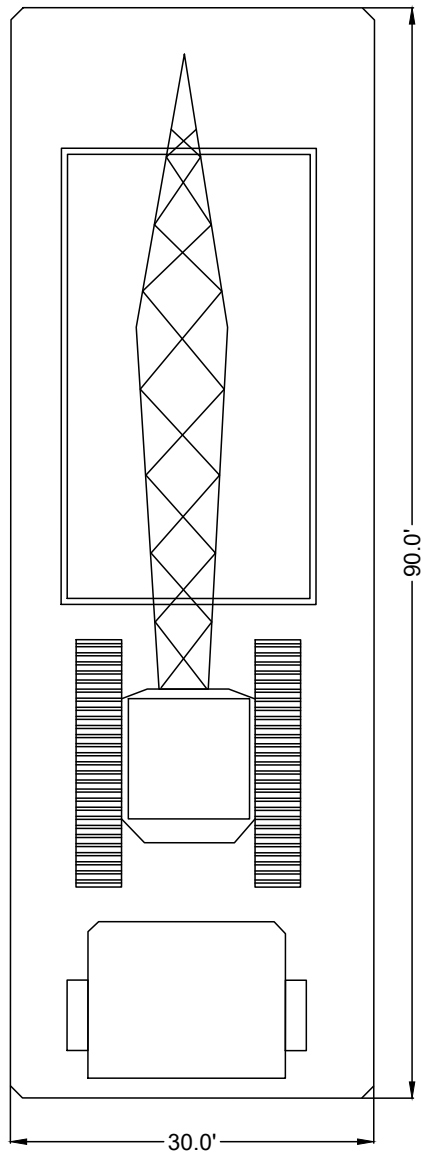
- Pile Locations
- ▨ Dredge Or Fill Area
- ⊕ Mooring Buoy w/Anchor
- Anchor
- Barrier Movement Due To Current Action



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.

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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DISTANCE EXHIBIT - EXISTING		
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PROPOSED SLIP TABLE		
SLIP #	LENGTH	WIDTH
1	30'	10'

LEGEND

- SUBJECT SITE (0.23 AC)
- EXISTING SEAWALL (±103 LN. FT.)
- CONCRETE PANEL SEAWALL WITH 4.6' CAP AND BATTER PILES UNDER SEPARATE PERMIT (±103 LN. FT.)
- MARGINAL DOCK UNDER SEPARATE PERMIT (±312 SQ. FT.)
- PROPOSED CONCRETE FINGER PIER (±138 SQ. FT.)

M.H.W. = 0.3' NAVD88 M.L.W. = (-)1.9' NAVD88
NOTE: SURVEY INFORMATION PROVIDED BY
BASELINE LAND SURVEY, LLC.
ELEVATIONS SHOWN AS NAVD88.

CITY VARIANCE REQUEST			
PROPOSED STRUCTURES	STRUCTURE DISTANCE FROM SEAWALL CAP	PERMITTED DISTANCE WITHOUT VARIANCE	DISTANCE REQUIRING A VARIANCE
FINGER PIER	33.1'	25'	8.1'
BOAT LIFT	33.1'	20'	13.1'

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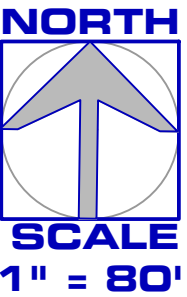
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