

227 PALM TRAIL

CITY OF DELRAY BEACH

PLAN SET



LOCATION MAP (N.T.S.)

DRAWING INDEX

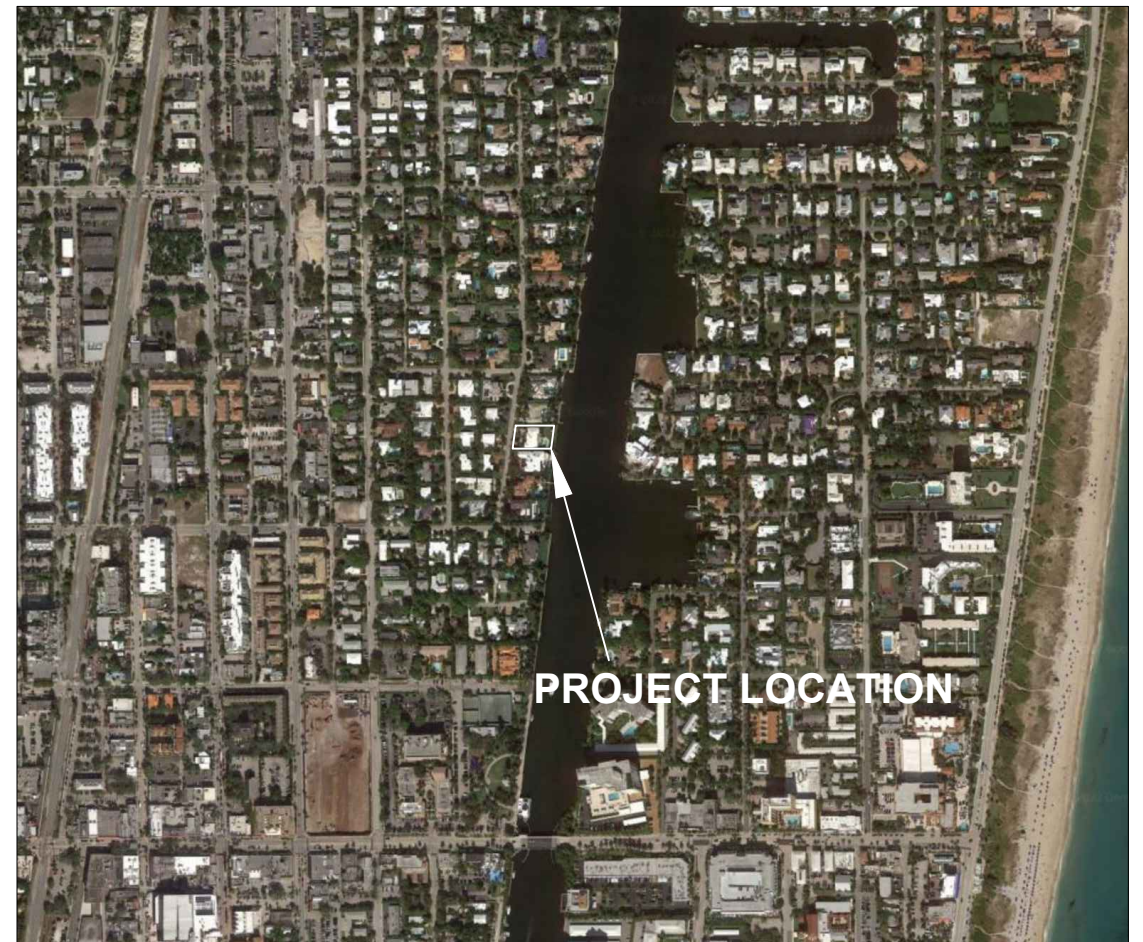
SHEET 1: COVER

**SHEET 2: EXISTING
CONDITIONS**

**SHEET 3: PROPOSED
CONDITIONS**

SHEET 4: SECTION

SHEET 5: DETAILS



VICINITY AERIAL (N.T.S.)

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- Environmental Consultants
- Marina & Wetland Permitting
- Mitigation Design & Monitoring
- T&E Species Surveys
- Tree Surveys/ Appraisals

227 PALM TRAIL
PREPARED FOR:
MR. THOMAS & LAURA SPENO

COVER

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LOT 11
PLAT BOOK 23, PAGE 71
(PBCR)

PROP CORNER
(TYP)

FOUND CONCRETE
MONUMENT 0.3'N
(NO IDENTIFICATION)

PL TO EAST EDGE
OF SEAWALL

LOT LINE
EXTENDED

APPROXIMATE
RIPARIAN
RIGHTS LINE
LAT N26°27'59.335"
LON W80°03'48.380"
X 962563.57'
Y 776357.59'



175.00' 175.00'

82°21'00"

X 962483.18
Y 776368.67

(RIPARIAN)
PROP COR TO ICWW TOE



1.1'
1.2'

103.0'

83.0'

EXISTING WETFACE (RIPARIAN)
EAST EDGE OF SEAWALL
PROPERTY LINE
ICWW TOE

WEST TOE OF THE COE 125'
NAVIGATION CHANNEL (CUT PB-64)
CUT AZIMUTH=186°38'49"

INTRACOASTAL WATERWAY

JACKSONVILLE TO MIAMI HARBOR
10 FOOT PROJECT CONTROL DATA
D.O. FILE NUMBER 8B-24--258
300'+- RIGHT-OF-WAY
INTRACOASTAL WATERWAY
PLAT BOOK 17 (PBCR)

CENTERLINE OF THE COE 125'
NAVIGATION CHANNEL (CUT PB-64)
CUT AZIMUTH=186°38'49"

10

4.10'

175.00' 175.00'

METAL FENCE

97°39'00"

0.14'

SET 1/2"

LOT LINE
EXTENDED

X 962470.70
Y 776266.53

(RIPARIAN)
PROP COR TO ICWW TOE

LAT N26°27'58.425"
LON W80°03'49.444"
X 962467.59'
Y 776264.97'

LOT 9
PLAT BOOK 23, PAGE 71
(PBCR)

PROP CORNER
(TYP)

ADJACENT
CONCRETE & SEAWALL

PL TO EAST EDGE
OF SEAWALL

WEST RIGHT-OF-WAY
INTRACOASTAL WATERWAY

LEGEND

- SUBJECT SITE (0.41 AC)
- EXISTING SEAWALL TO REMAIN (±103 LN. FT.)

M.H.W. = 0.3' NAVD88 M.L.W. = (-)1.9' NAVD88

NOTE: SURVEY INFORMATION PROVIDED BY
MANUCY LAND SURVEYORS, INC. ELEVATIONS
SHOWN AS NAVD88. BTHYMETRY INFORMATION
PROVIDED BY TERRAQUATIC SURVEYING AND
MAPPING. DEPTHS IN MLW.

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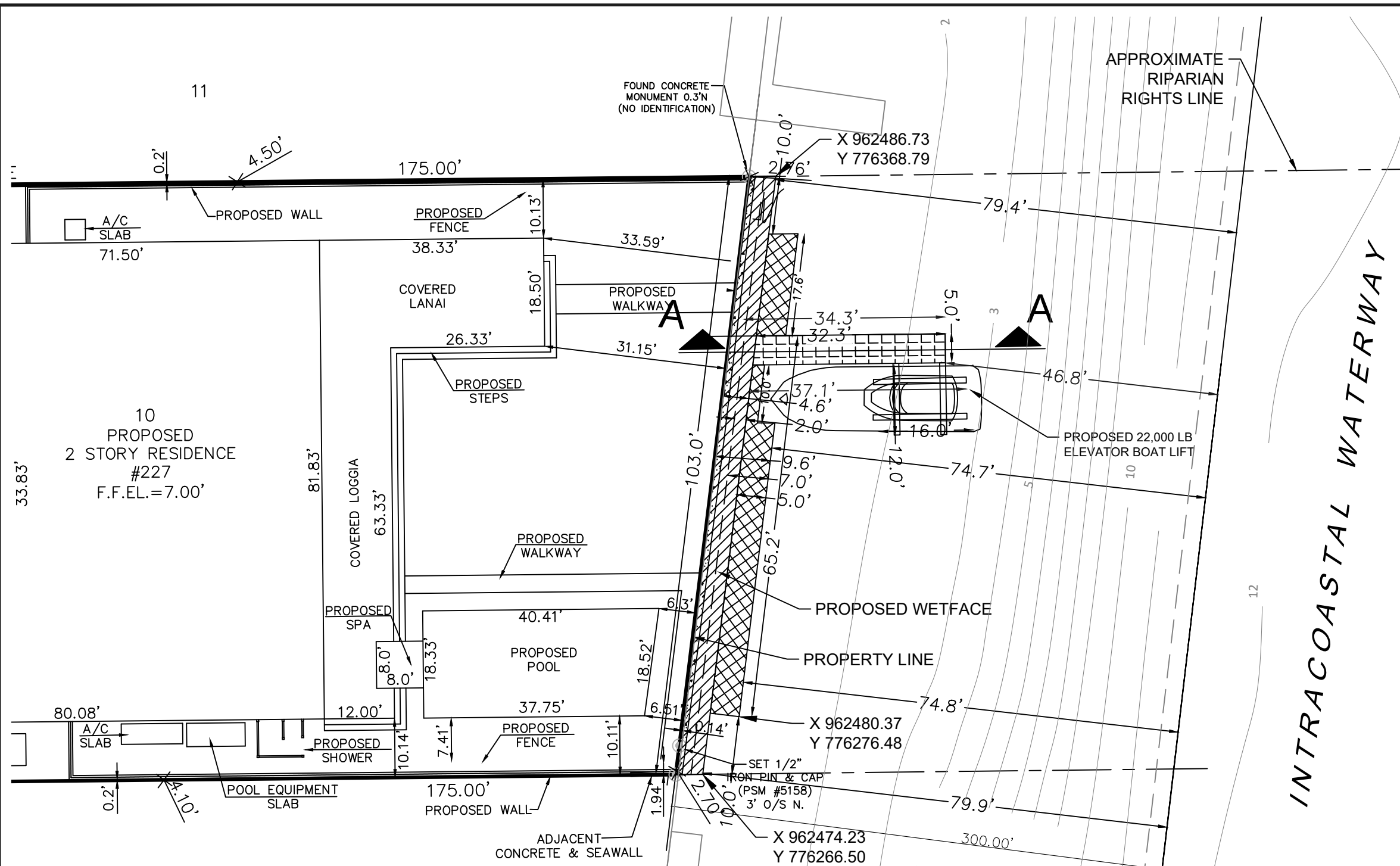
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EXISTING CONDITIONS

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LEGEND

- SUBJECT SITE (0.41 AC)
 - EXISTING SEAWALL TO REMAIN (±103 LN. FT.)
 - PROPOSED CONCRETE PANEL SEAWALL WITH 4.6' CAP AND BATTER PILES (±103 LN. FT.)
 - PROPOSED CONCRETE MARGINAL DOCK (±356 SQ. FT.)
 - PROPOSED CONCRETE FINGER PIER (±162 SQ. FT.)
- M.H.W. = 0.3' NAVD88 M.L.W. = (-)1.9' NAVD88

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CITY VARIANCE REQUEST

PROPOSED STRUCTURES	STRUCTURE DISTANCE FROM EDGE OF THE CAP	PERMITTED DISTANCE WITHOUT VARIANCE	DISTANCE REQUIRING A VARIANCE
FINGER PIER	32.3'	25'	7.3'
BOAT LIFT	37.1'	20'	17.1'

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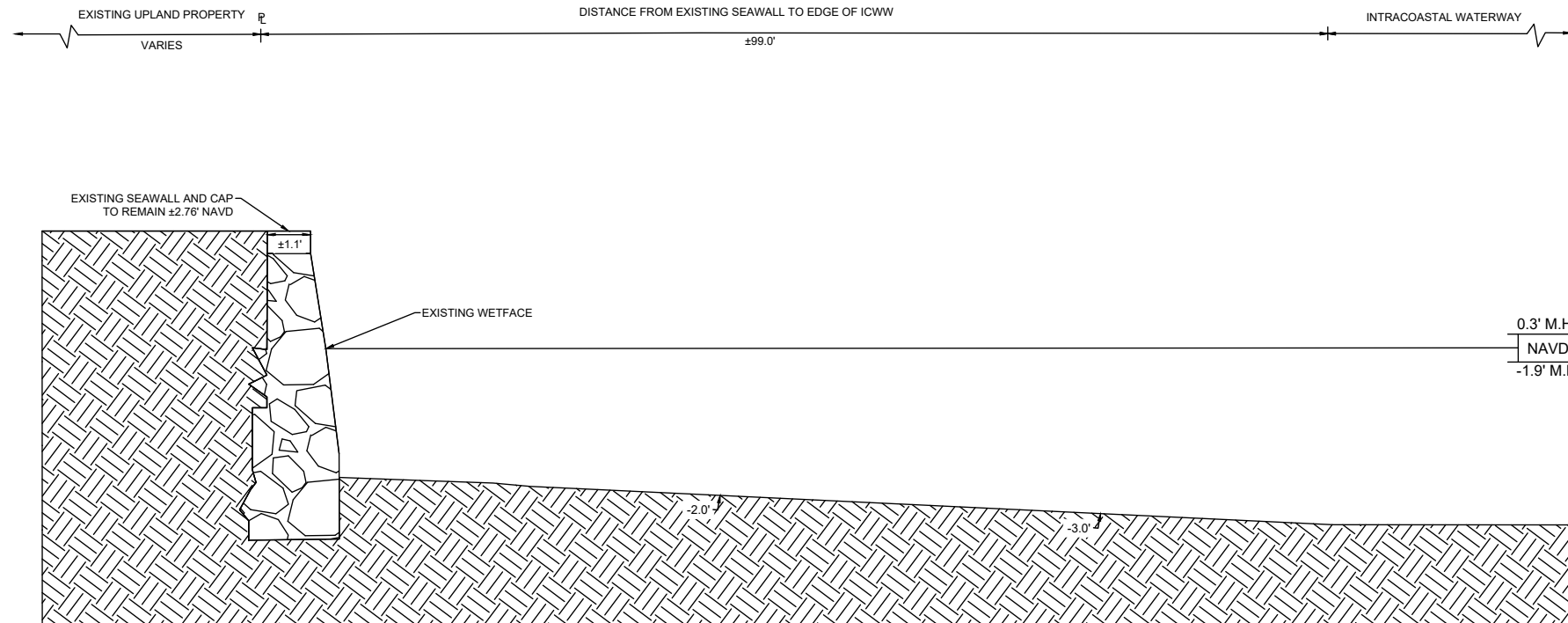
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PROPOSED CONDITIONS		
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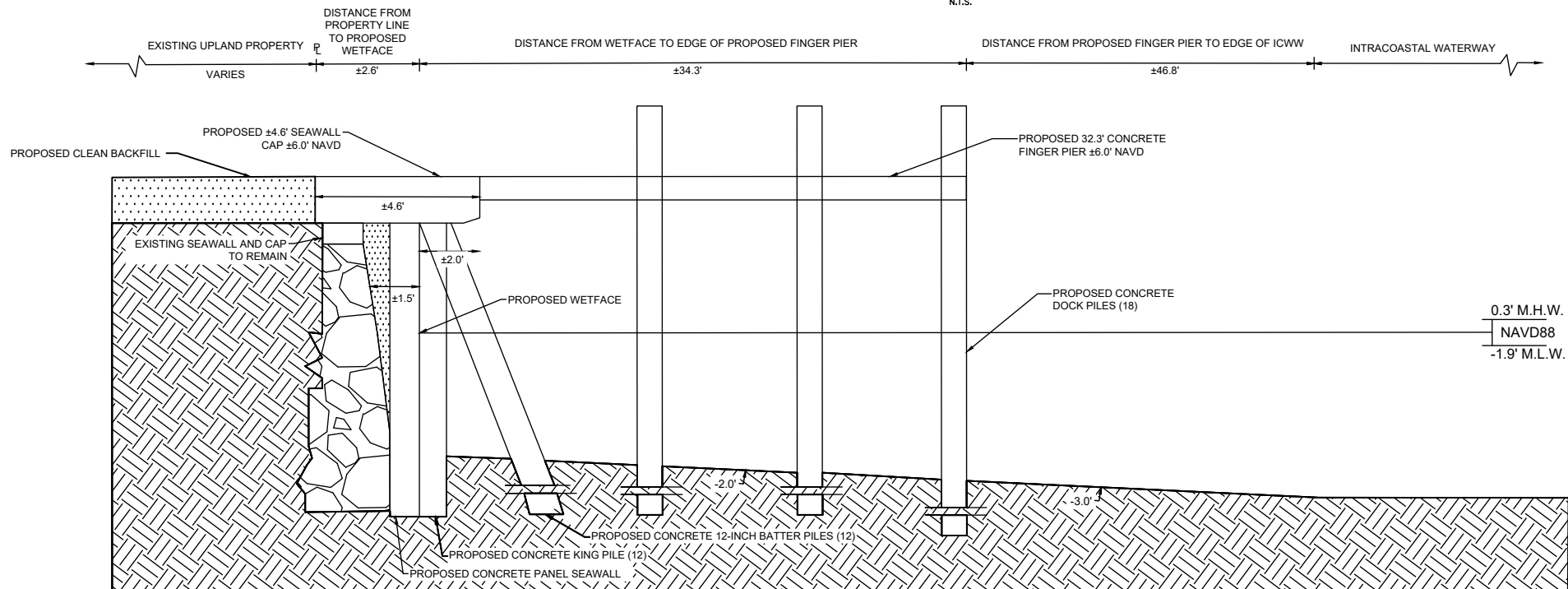
EXISTING CONDITIONS A-A (TYP.)

N.T.S.



PROPOSED CONDITIONS A-A (TYP.)

N.T.S.



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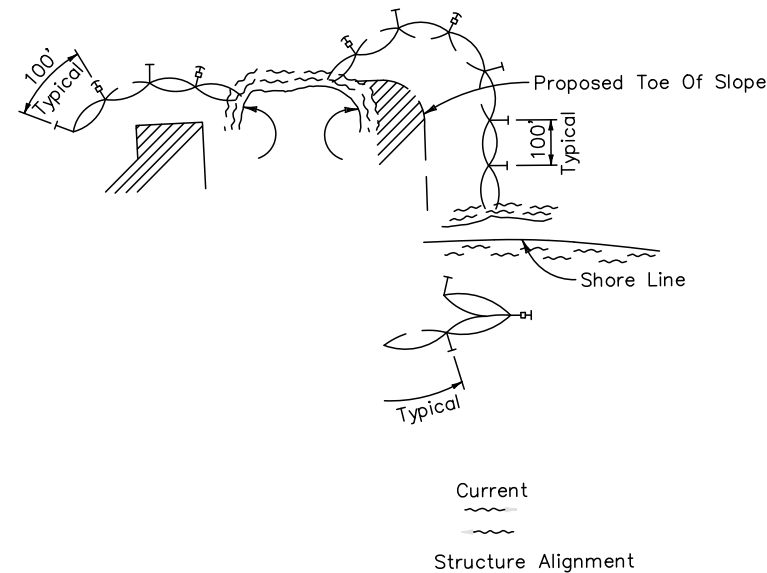
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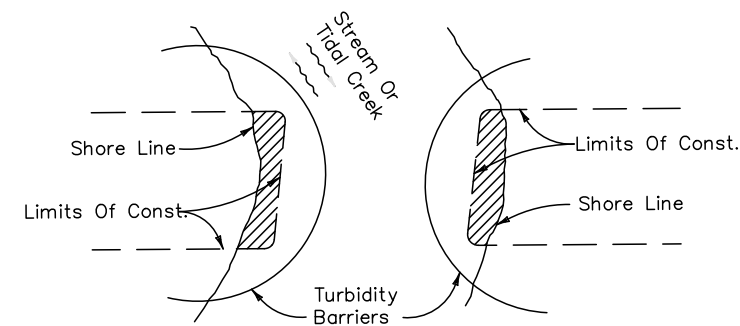
SECTION

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CONSTRUCTION BARGE (TYP.)



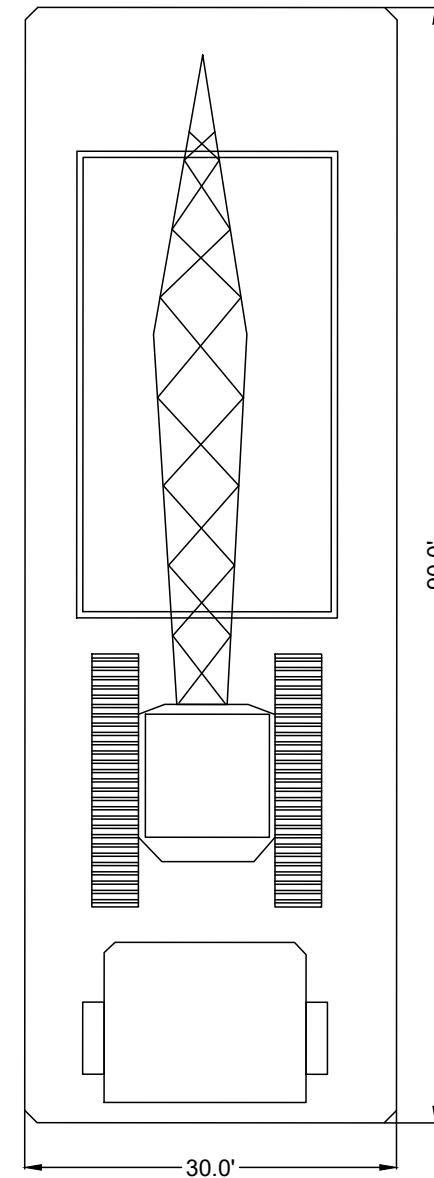
- LEGEND**
- Pile Locations
 - ▨ Dredge Or Fill Area
 - Mooring Buoy w/Anchor
 - Anchor
 - Barrier Movement Due To Current Action



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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DETAILS

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