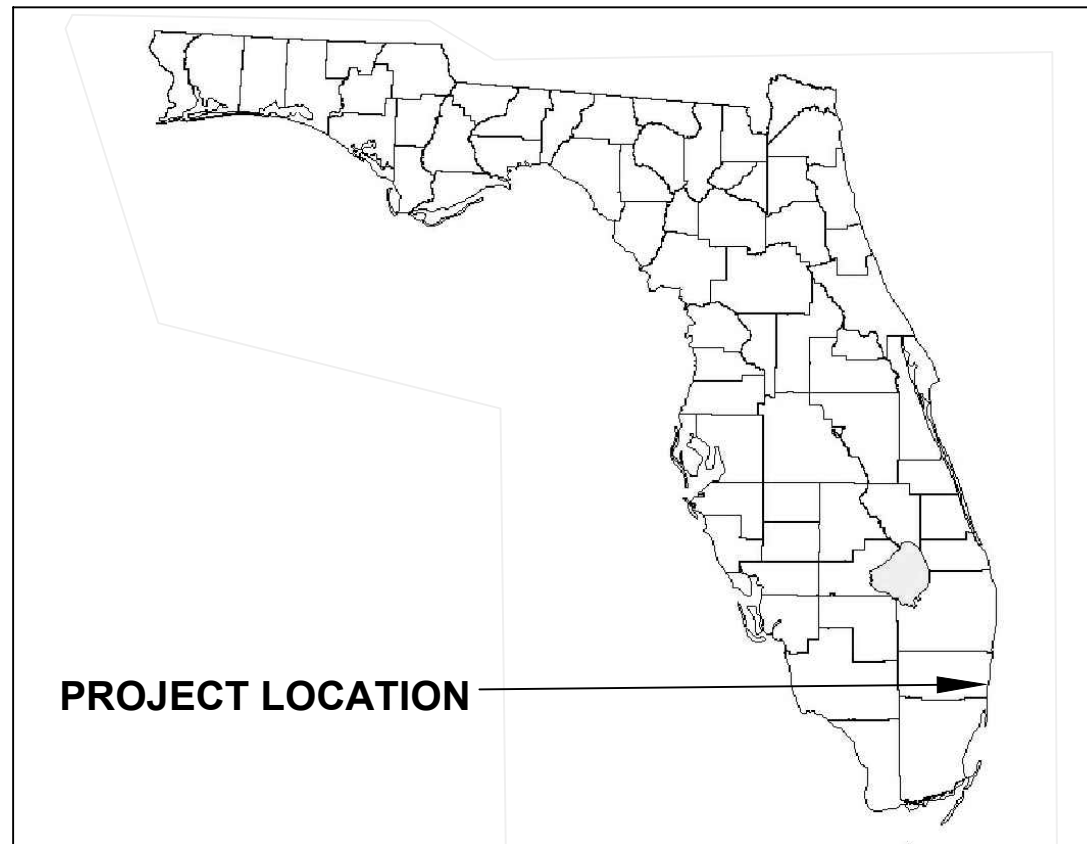


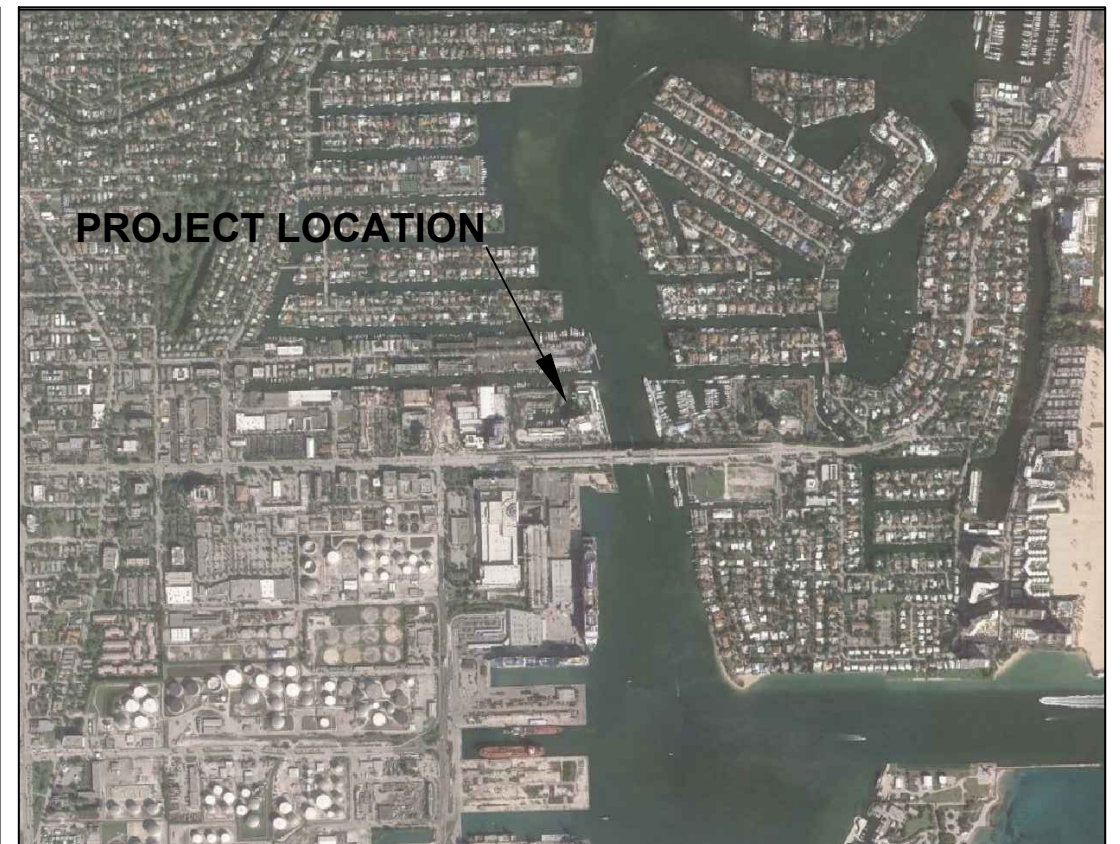
HILTON FORT LAUDERDALE MARINA MAINTENANCE DREDGING PROJECT



LOCATION MAP (n.t.s.)

DRAWING INDEX

- DF-1 COVER SHEET**
- DF-2 KEY SHEET**
- DF-3 DREDGE PLAN**
- DF-4 DREDGE PLAN**
- DF-5 DREDGE SECTIONS**
- DF-6 DREDGE DETAILS**



VICINITY AERIAL (n.t.s.)

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HILTON FORT LAUDERDALE MARINA

PREPARED FOR:
HILTON FORT LAUDERDALE MARINA

DF-1 COVER SHEET

Date: 11/15/16	Sheet : 1	of : 6
Proj No.: 16-0044		



SHEET 3 OF 6

A

A

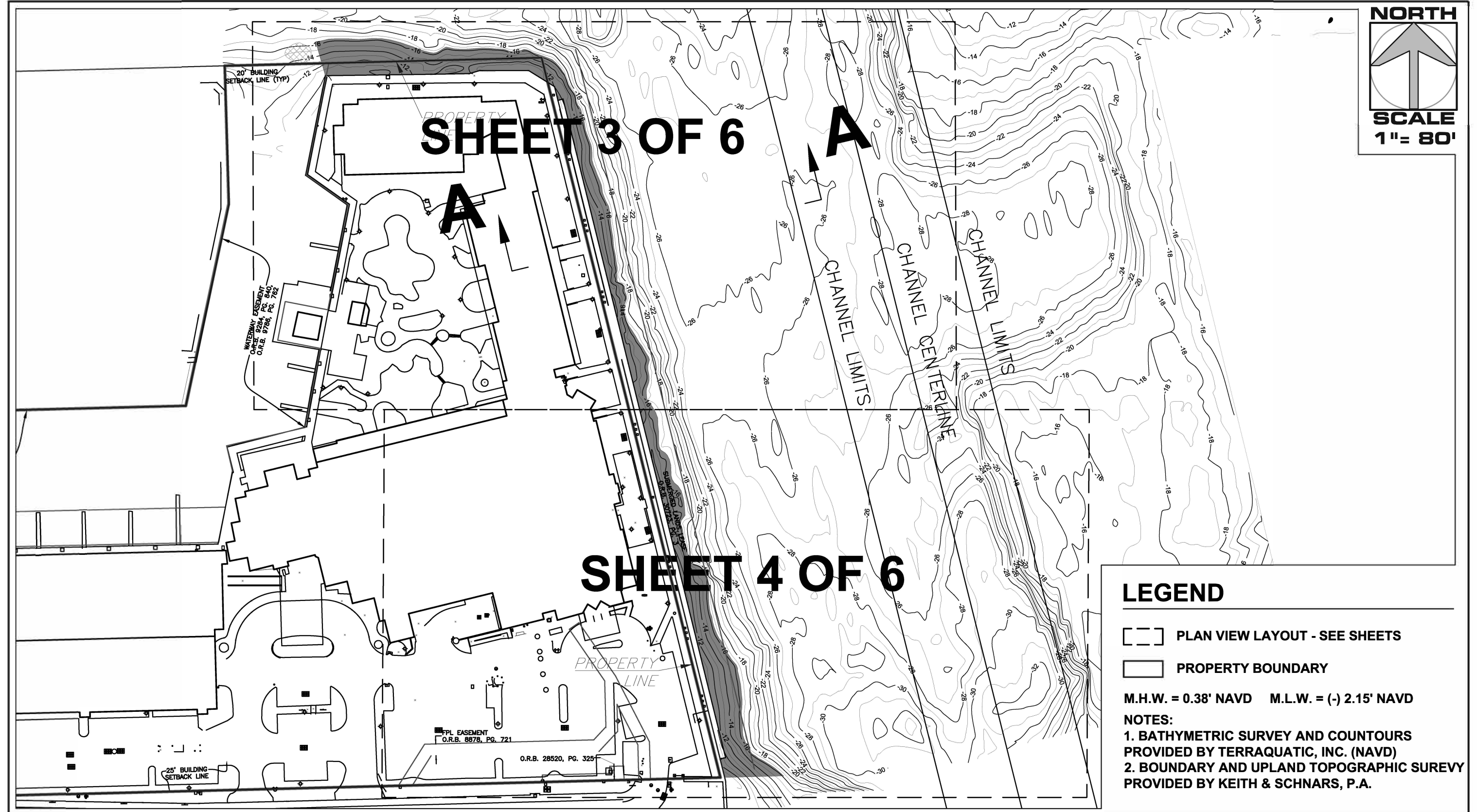
SHEET 4 OF 6

LEGEND

- PLAN VIEW LAYOUT - SEE SHEETS
- PROPERTY BOUNDARY

M.H.W. = 0.38' NAVD M.L.W. = (-) 2.15' NAVD

- NOTES:**
1. BATHYMETRIC SURVEY AND COUNTOURS PROVIDED BY TERRAQUATIC, INC. (NAVD)
 2. BOUNDARY AND UPLAND TOPOGRAPHIC SUREVY PROVIDED BY KEITH & SCHNARS, P.A.



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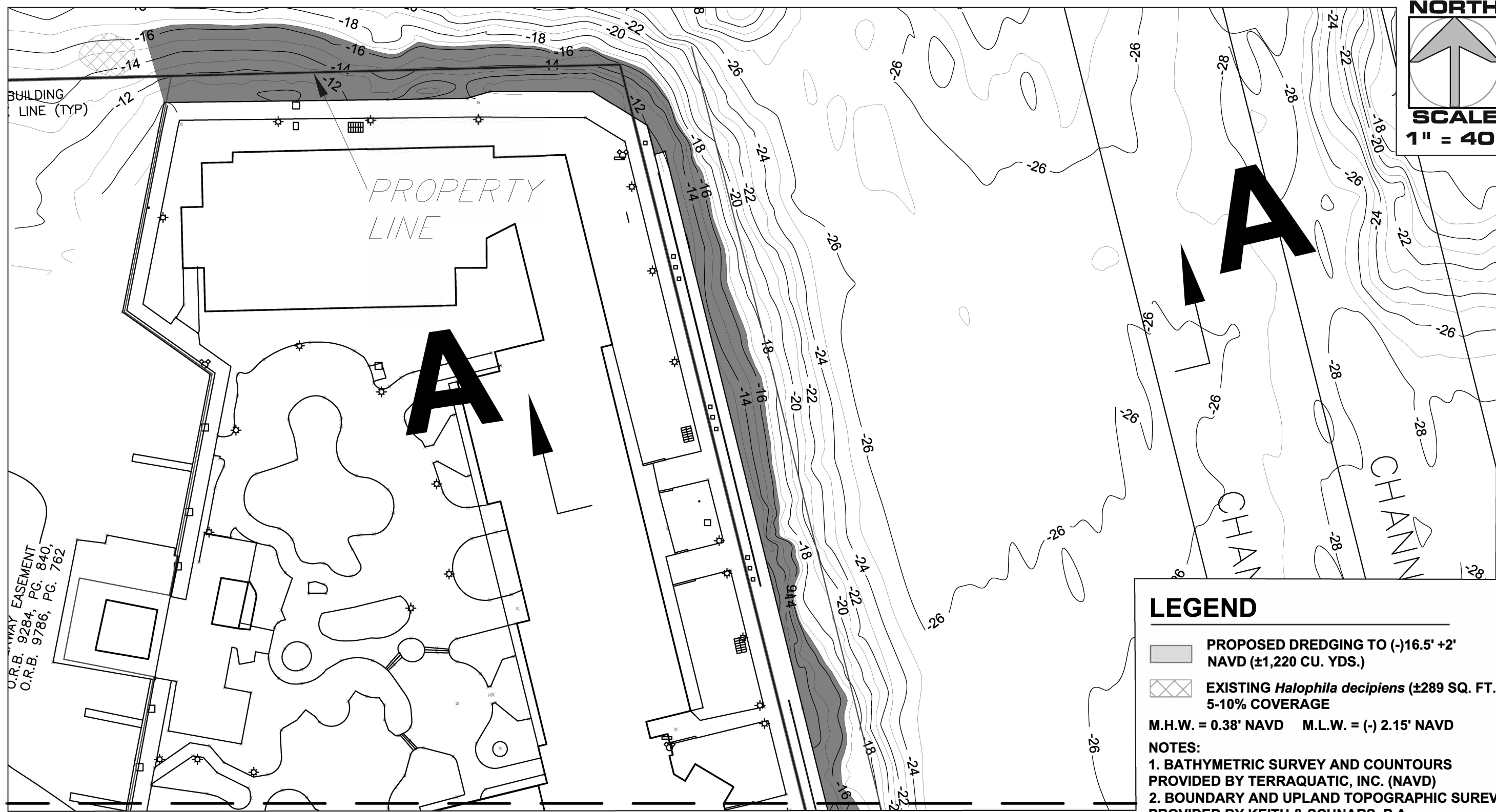
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DF-2 KEY SHEET		
Date: 11/15/16	Sheet : 2	of : 6
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NORTH

SCALE
1" = 40'

LEGEND

- PROPOSED DREDGING TO (-)16.5' +2' NAVD (±1,220 CU. YDS.)
- EXISTING *Halophila decipiens* (±289 SQ. FT.) 5-10% COVERAGE

M.H.W. = 0.38' NAVD M.L.W. = (-) 2.15' NAVD

NOTES:

1. BATHYMETRIC SURVEY AND COUNTOURS PROVIDED BY TERRAQUATIC, INC. (NAVD)
2. BOUNDARY AND UPLAND TOPOGRAPHIC SUREVY PROVIDED BY KEITH & SCHNARS, P.A.

MATCH LINE - SEE SHEET 4 OF 6

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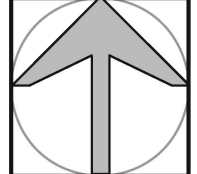
HILTON FORT LAUDERDALE MARINA

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HILTON FORT LAUDERDALE MARINA

DF-3 DREDGE PLAN		
Date: 11/15/16	Sheet : 3	of : 6
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MATCH LINE - SEE SHEET 3 OF 6

NORTH



SCALE

1" = 40'



LEGEND

- PROPOSED DREDGING TO (-)16.5' + 2' NAVD (±1,220 CU. YDS.)
- EXISTING *Halophila decipiens* (±289 SQ. FT.) 5-10% COVERAGE

M.H.W. = 0.38' NAVD M.L.W. = (-) 2.15' NAVD

- NOTES:**
1. BATHYMETRIC SURVEY AND COUNTOURS PROVIDED BY TERRAQUATIC, INC. (NAVD)
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HILTON FORT LAUDERDALE MARINA

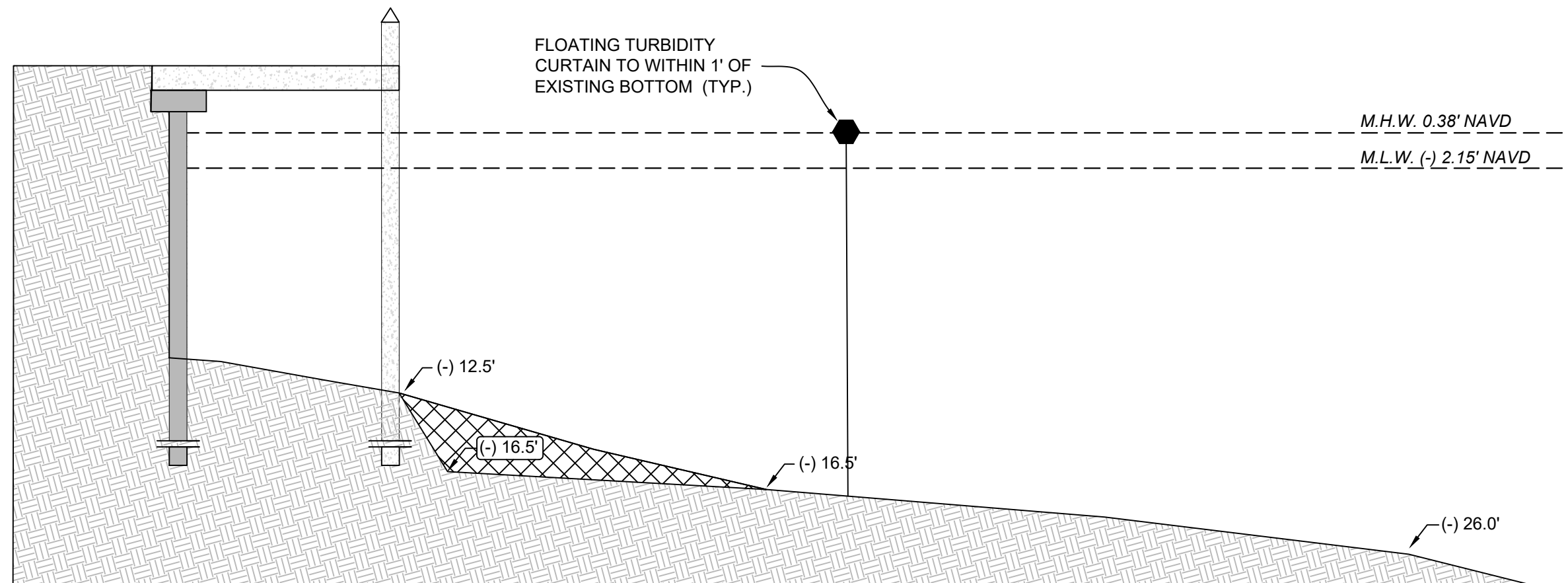
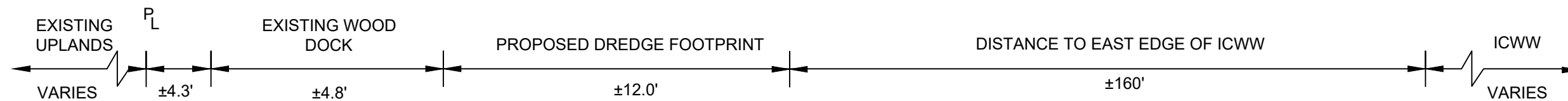
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 HILTON FORT LAUDERDALE MARINA

DF-4 DREDGE PLAN




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Proj No.: 16-0044		

SECTION "A-A"

n.t.s.



LEGEND

-  PROPOSED DREDGING (±14,643 ft² - ±1,220 yds³)
-  PROPOSED DEPTH (NAVD)
-  EXISTING ELEVATION (NAVD)

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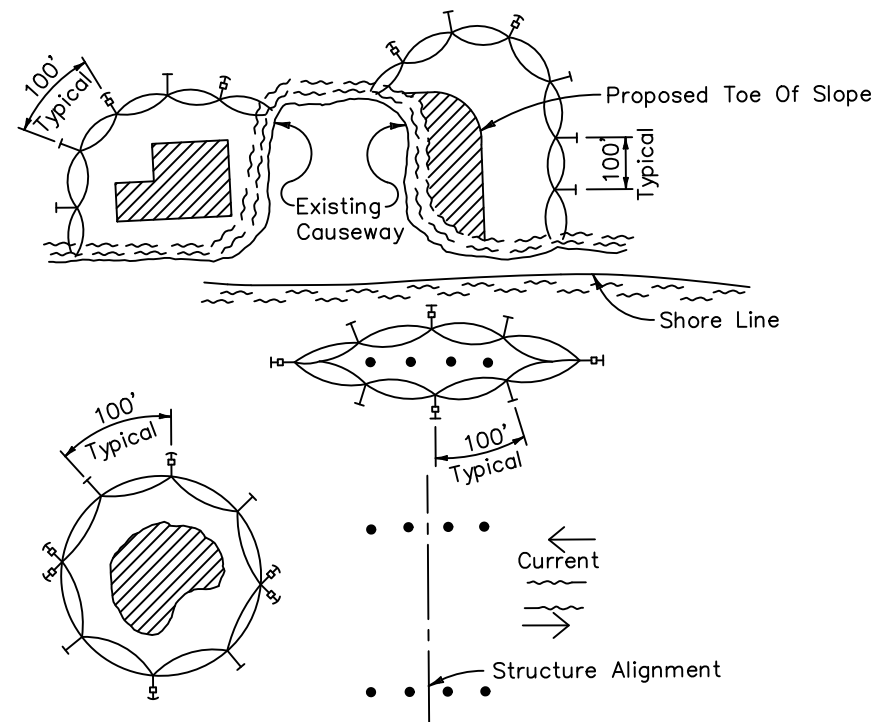
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DF-5 DREDGE SECTIONS

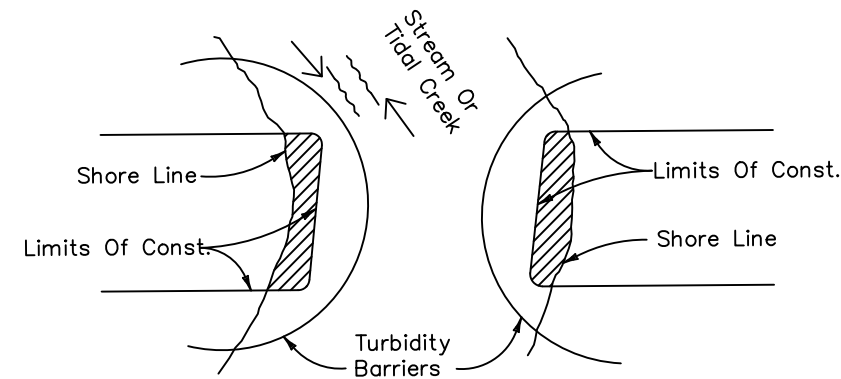
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CONSTRUCTION BARGE (TYP.)



LEGEND

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

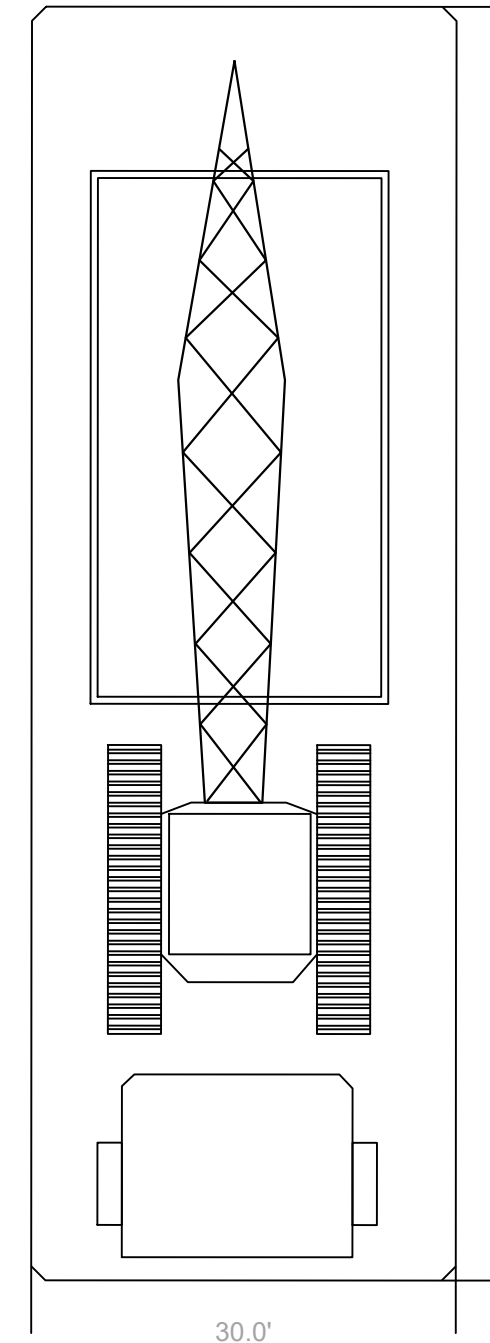


Note:
Turbidity barriers for flowing streams and tidal creeks may be either floating, or staked types or any combinations of types that will suit site conditions and meet erosion control and water quality requirements. The barrier type(s) will be at the Contractors option unless otherwise specified in 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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HILTON FORT LAUDERDALE MARINA

PREPARED FOR:
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DF-6DREDGE DETAILS

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