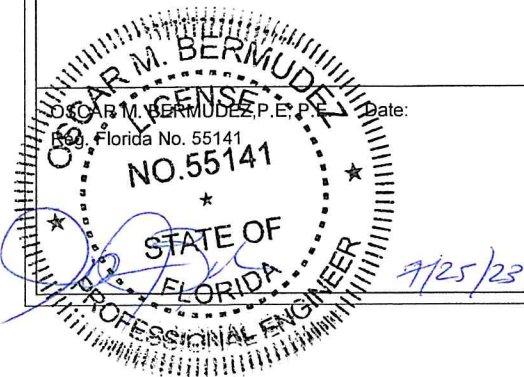


LOCATION  
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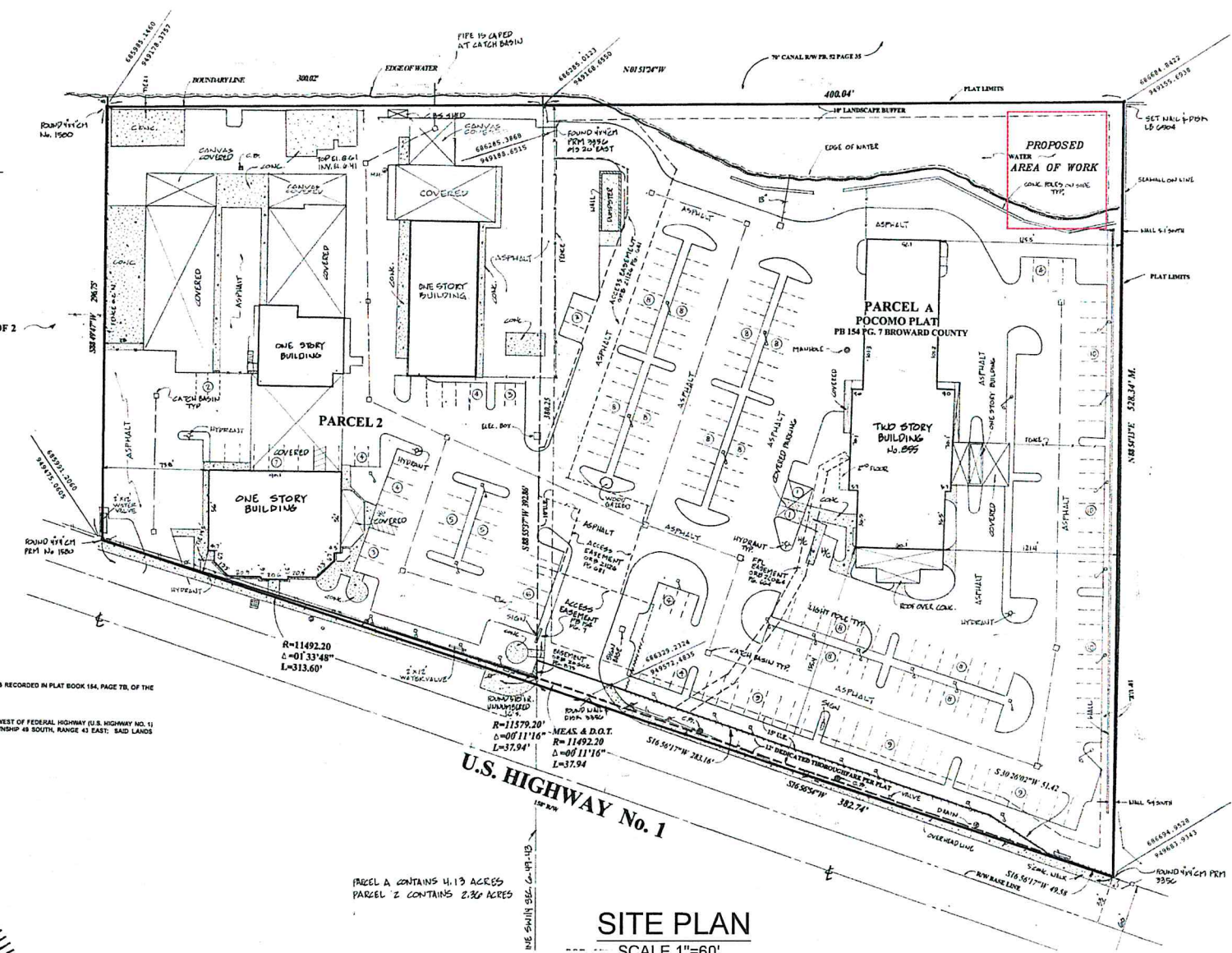
Site Address 855-909 S FEDERAL HIGHWAY, POMPANO BEACH FL 33062-7048  
 Property Owner POMPANO REAL ESTATE INVESTMENTS LLC  
 Mailing Address 909 S FEDERAL HWY POMPANO BEACH FL 33062

ID # 4943 06 49 0010  
 Abbreviated Legal Description POMOCO PLAT 154-7 B PARCEL 'A' & N 300 OF  
 NW1/4 OF SW1/4 LYING WEST OF FEDERAL HWY (US 1) 6-49-43



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**THE DOCK EXPERTS**
  
 WOOD PIER & 40K BOAT LIFT



SEE SHEET 2 OF 2

LEGAL DESCRIPTION

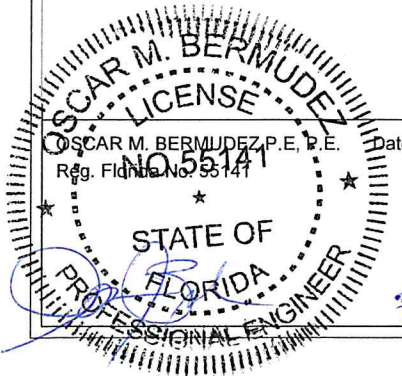
PARCEL A  
 PARCEL A, POCONO, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 154, PAGE 7B, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

PARCEL 2  
 THE NORTH 300 FEET OF THE NW 1/4 OF THE SW 1/4 LYING WEST OF FEDERAL HIGHWAY (U.S. HIGHWAY NO. 1) AS NOW LOCATED AND ESTABLISHED, OF SECTION 6, TOWNSHIP 48 SOUTH, RANGE 43 EAST; SAID LANDS SITUATE, LYING AND BEING IN BROWARD COUNTY, FLORIDA.

PARCEL A CONTAINS 4.13 ACRES  
 PARCEL 2 CONTAINS 2.36 ACRES

U.S. HIGHWAY No. 1

SITE PLAN  
 SCALE 1"=60'

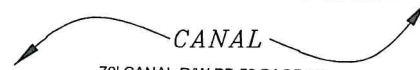


Date: 7/25/23

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THE DOCK EXPERTS

WOOD PIER & 40K BOAT LIFT



70' CANAL R/W PB 52 PAGE 35

N 01°51'24"W 400.04' P/L

EXISTING EDGE  
M.L.W. LINE

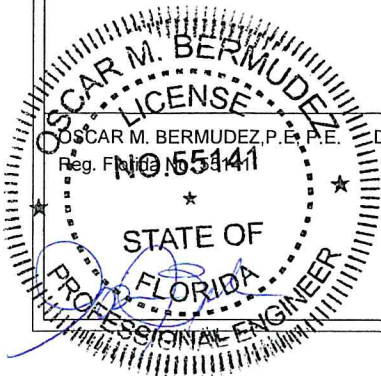
EXISTING EDGE  
M.H.W. LINE

EXISTING CONCRETE  
WALL TO REMAIN

### EXISTING CONDITIONS

SCALE 1"=20'

N88°54'13"E 528.34' M.



Oscar M. Bermudez, P.E., P.E. Date:  
Reg. No. 55141

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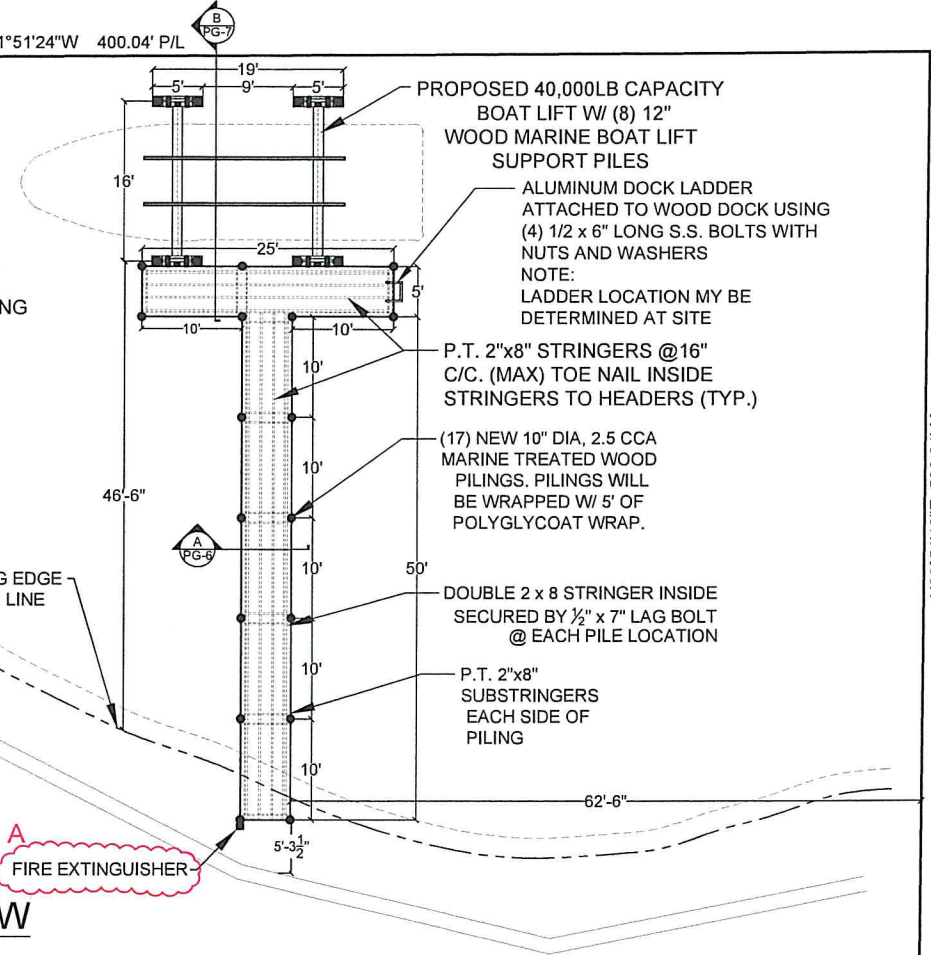
WOOD PIER & 40K BOAT LIFT



N 01°51'24"W 400.04' P/L

**NOTES**

1. ALL STORMWATER SHALL BE RETAINED ON PROPERTY.
2. DESIGN PER 2022 FBC 7TH ED. WIND LOADS PER ASCE 7-16, 175 MPH.
3. PROPOSED WORK DOES NOT CHANGE IMPERVIOUS AREA
4. ALL PROPOSED PILES SHALL BE CLASS "A" TIMBER PILES WITH AMMONIACAL COPPER ZINC ARSENATE TREATMENT.
5. PILES SHALL BE DRIVEN 10' DEPTH BELOW SEABED AND 25 TON BEARING.
6. ALL FASTENERS SHALL BE 300 SERIES STAINLESS STEEL.
7. BEST MANAGEMENT PRACTICES: FLOATING TURBIDITY CURTAIN EXTENDING WITHIN 1' OF BOTTOM TO BE INSTALLED DURING PILING INSTALLATION.



PROPOSED 40,000LB CAPACITY BOAT LIFT W/ (8) 12" WOOD MARINE BOAT LIFT SUPPORT PILES

ALUMINUM DOCK LADDER ATTACHED TO WOOD DOCK USING (4) 1/2 x 6" LONG S.S. BOLTS WITH NUTS AND WASHERS  
NOTE: LADDER LOCATION MY BE DETERMINED AT SITE

P.T. 2"x8" STRINGERS @16" C/C. (MAX) TOE NAIL INSIDE STRINGERS TO HEADERS (TYP.)

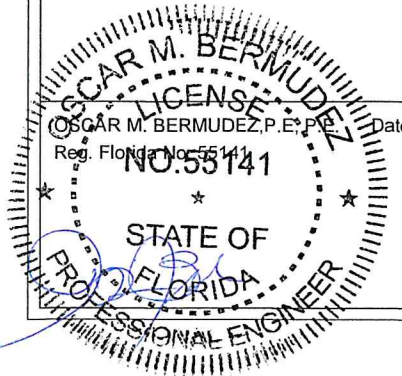
(17) NEW 10" DIA, 2.5 CCA MARINE TREATED WOOD PILINGS. PILINGS WILL BE WRAPPED W/ 5' OF POLYGLYCOAT WRAP.

DOUBLE 2 x 8 STRINGER INSIDE SECURED BY 1/2" x 7" LAG BOLT @ EACH PILE LOCATION

P.T. 2"x8" SUBSTRINGERS EACH SIDE OF PILING

**PROPOSED PLAN VIEW**  
SCALE 1"=20'

N88°54'13"E 528.34' M.



Date: *7/25/23*

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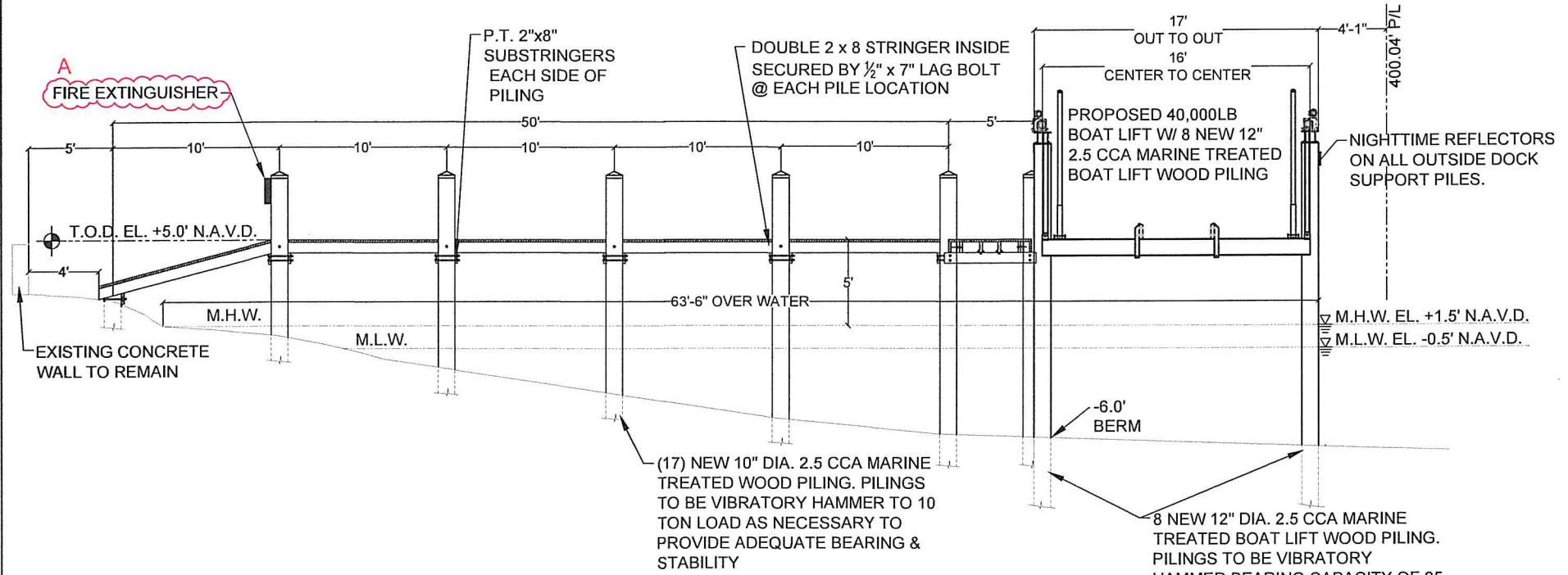
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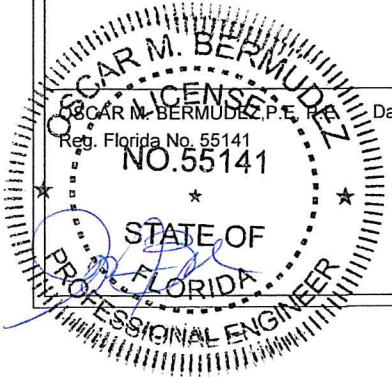
**THE DOCK EXPERTS**

**WOOD PIER & 40K BOAT LIFT**



**ELEVATION SIDE VIEW DETAIL**

N.T.S.



Date:

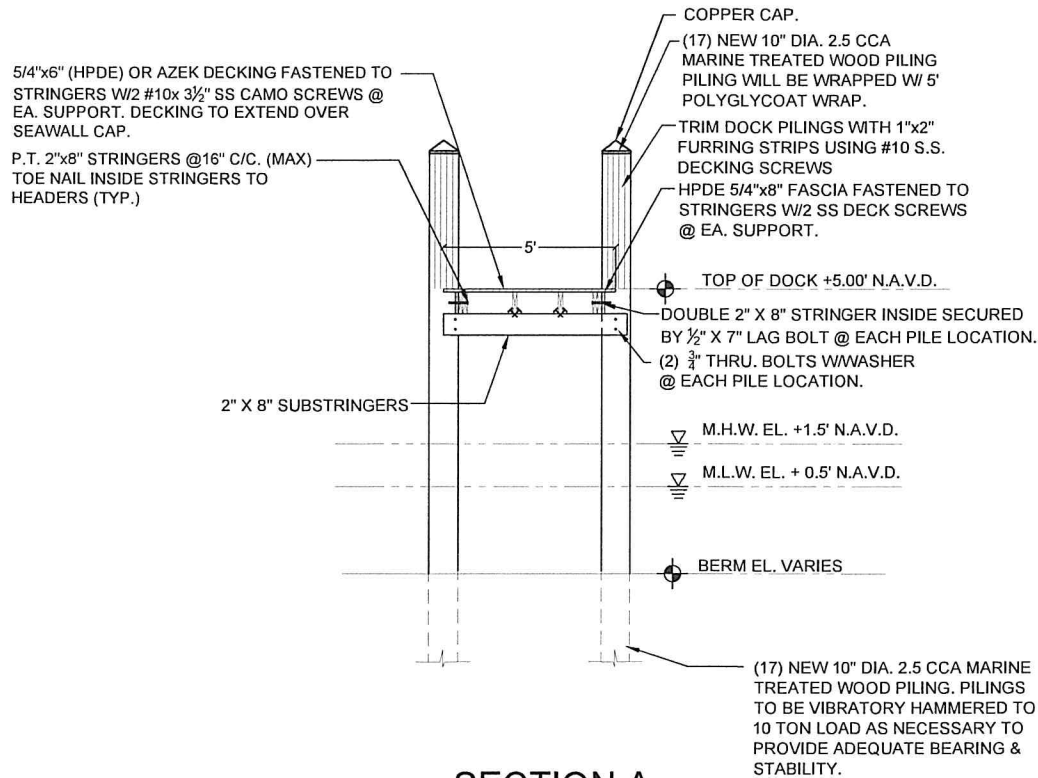
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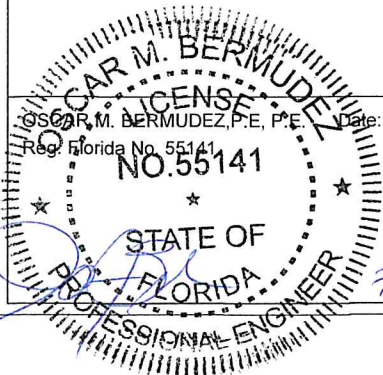
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**SECTION A**  
**WOOD DOCK DETAIL**

SCALE 3/16"=1'



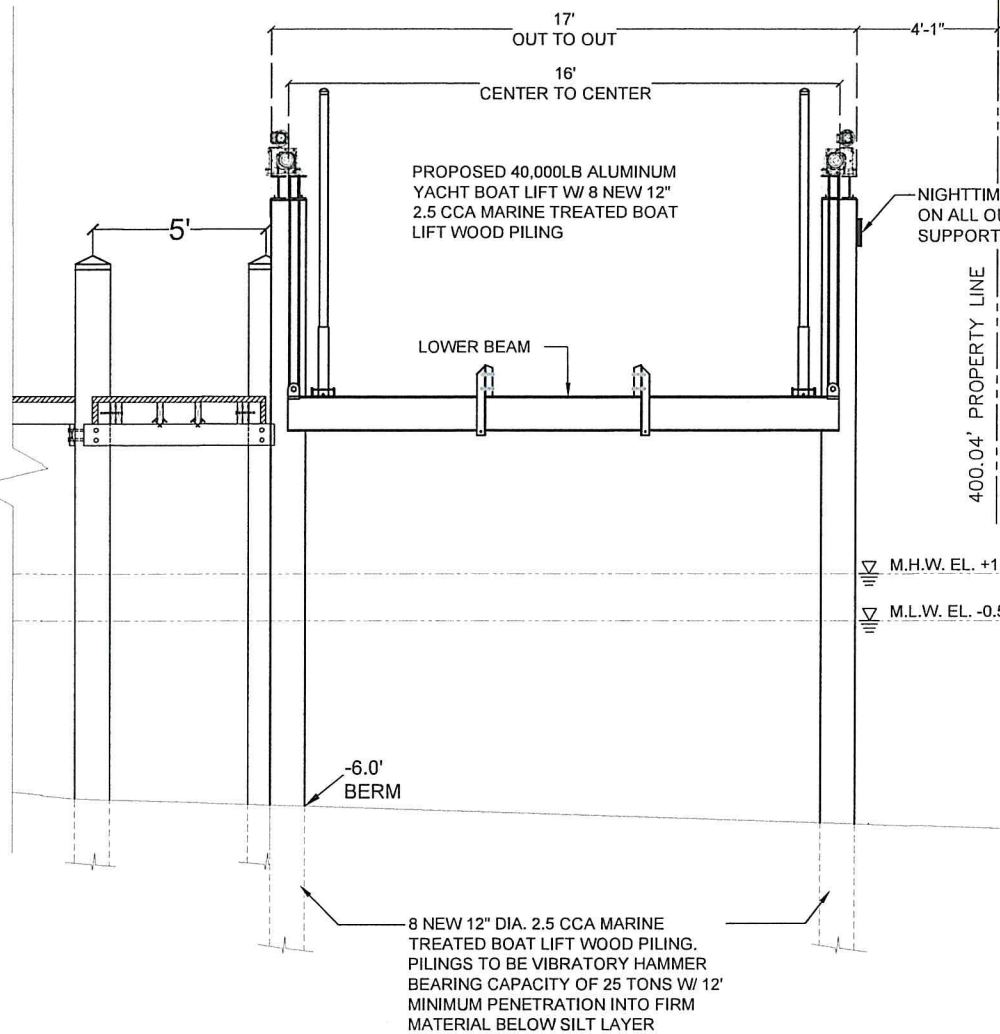
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THE  
**DOCK EXPERTS**

**WOOD PIER & 40K BOAT LIFT**



PROPOSED 40,000LB ALUMINUM  
YACHT BOAT LIFT W/ 8 NEW 12"  
2.5 CCA MARINE TREATED BOAT  
LIFT WOOD PILING

NIGHTTIME REFLECTORS  
ON ALL OUTSIDE DOCK  
SUPPORT PILES.

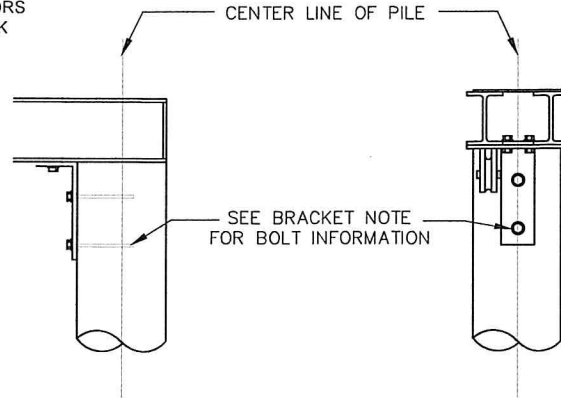
400.04' PROPERTY LINE

M.H.W. EL. +1.5' N.A.V.D.

M.L.W. EL. -0.5' N.A.V.D.

-6.0'  
BERM

8 NEW 12" DIA. 2.5 CCA MARINE  
TREATED BOAT LIFT WOOD PILING.  
PILINGS TO BE VIBRATORY HAMMER  
BEARING CAPACITY OF 25 TONS W/ 12'  
MINIMUM PENETRATION INTO FIRM  
MATERIAL BELOW SILT LAYER

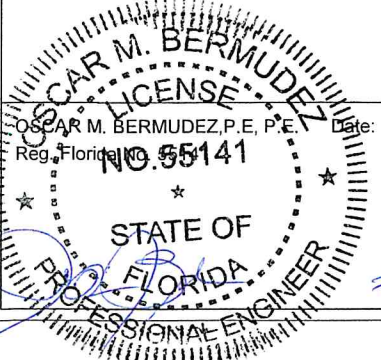


**40,000 LBS CAPACITY  
PILE MOUNTING DETAIL**

(2) 1/2"  $\phi$  Wedge  
Anchors into Concrete  
Piles 5" Minimum  
Embedment, 2 1/2" Min.  
Apart, 3" Min. Clearance  
From Top of Piles at  
Center of Piles

**SECTION B  
BOAT LIFT DETAIL**

SCALE 3/16"=1'



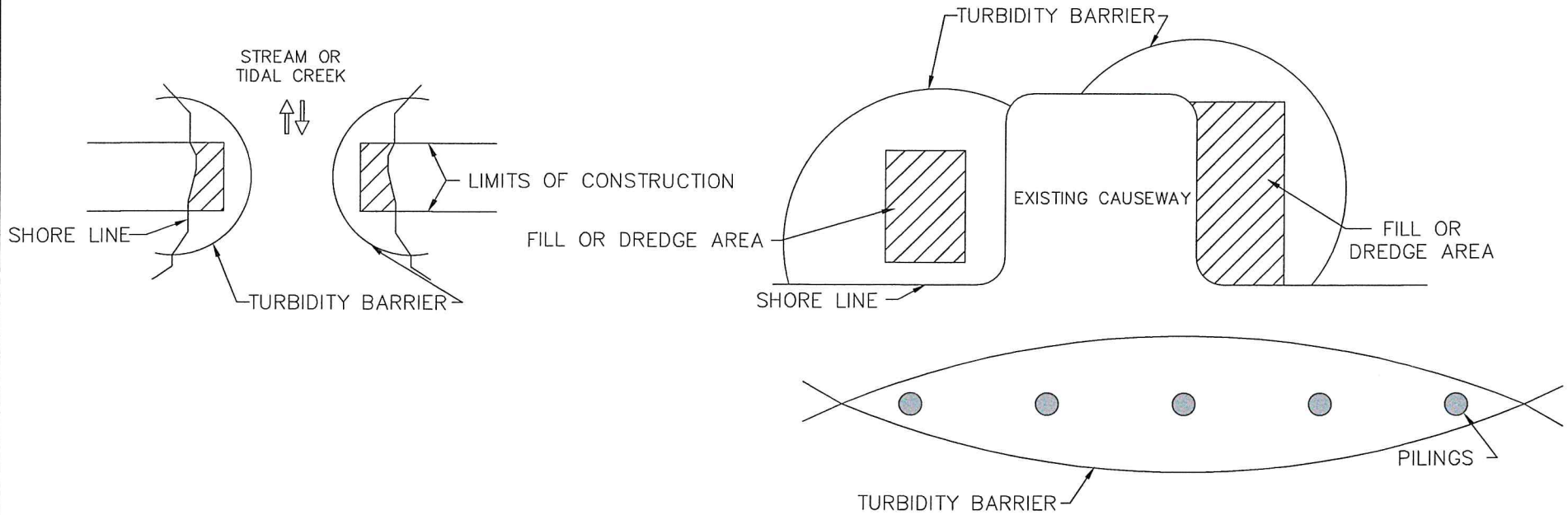
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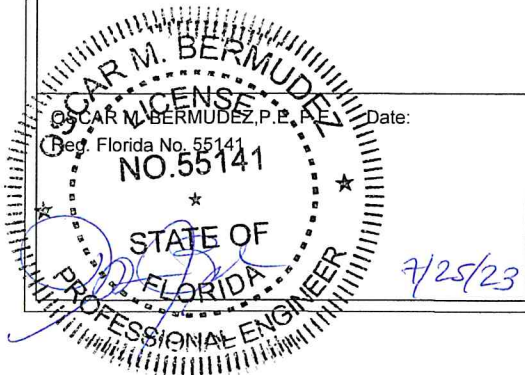


**NOTES**

1. TURBIDITY BARRIERS ARE TO BE USED IN ALL PERMANENT BODIES OF WATER REGARDLESS OF WATER DEPTH
2. NUMBER AND SPACING DEPENDANT ON CURRENT VELOCITIES.
3. DEPLOYMENT OF BARRIER AROUND PILE LOCATION 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.
6. TURBIDITY BARRIERS FOR FLOWING STREAMS AND TIDAL CREEKS MAY BE EITHER FLOATING OF STAKED TYPES.
7. BARRIER TYPE WILL BE AT THE CONTRACTOR'S DECISION U.N.O.
8. POSTS IN STAKED TURBIDITY BARRIERS TO BE INSTALLED IN VERTICAL POSITION UNLESS OTHERWISE DIRECTED BY ENGINEER.
9. N.P.D.E.S. INSPECTION TO BE CALLED FOR BY ENGINEER TO VERIFY TURBIDITY BARRIER.

**TURBIDITY DETAILS**

N.T.S.



Date:

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