



**LOCATION**  
N.T.S.

Site Address        2741 NE 6 STREET, POMPANO BEACH FL 33062-4928  
 Property Owner    PAZIN, CRISTINE A & DEAN A  
 Mailing Address   2741 NE 6 ST POMPANO BEACH FL 33062  
 ID #                 4843 31 19 0170  
 Abbreviated Legal Description   HARBOR VILLAGE SEC D 39-17 B LOT 17 BLK 11

OSCAR M. BERMUDEZ P.E.    Date:  
Reg. Florida No. 55141

B&B Consulting Engineers  
 2237 Woods Edge Circle  
 Orlando Florida 32817  
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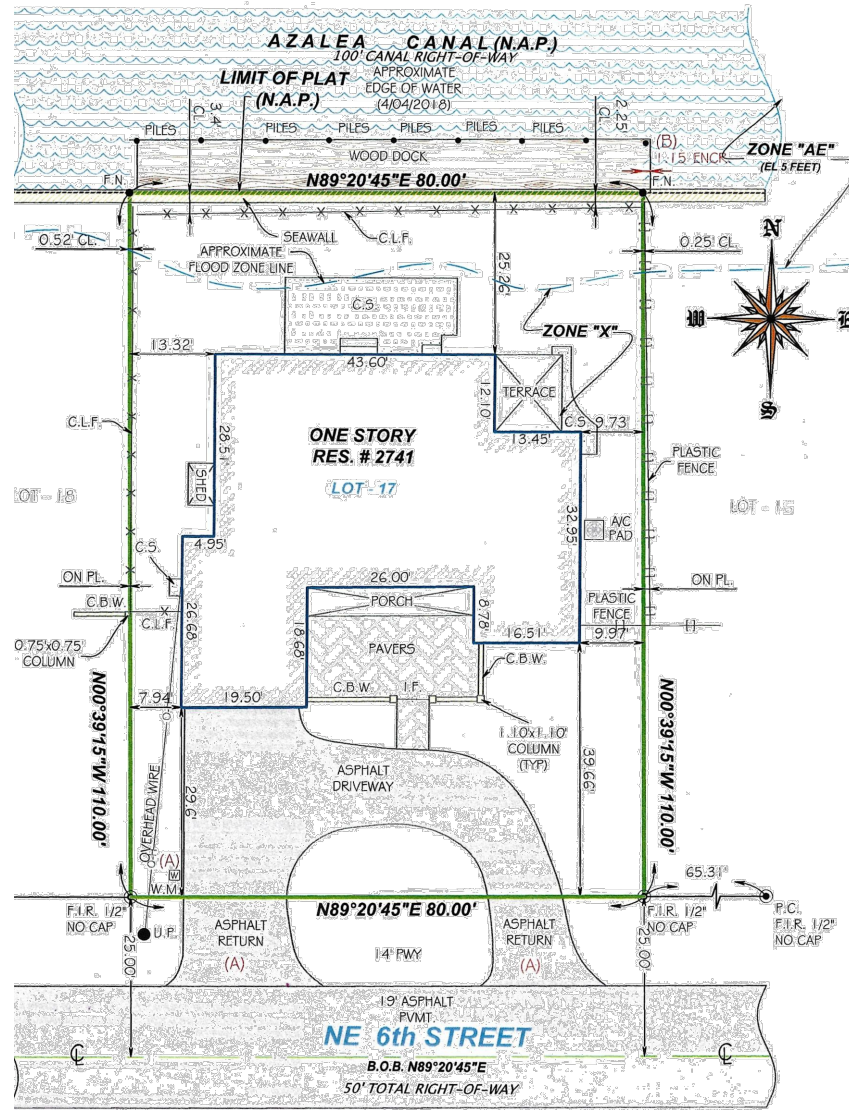
DEAN PAZIN  
 2741 NE 6 STREET,  
 POMPANO BEACH FL

33062-4928

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WOOD DOCK



# SITE PLAN

SCALE 1"=30'

THE WORK SPECIFIED HEREIN HAS BEEN DESIGNED & ALL WORK SHALL BE IN ACCORDANCE WITH STRUCTURAL PROVISIONS OF THE 7th EDITION 2020 FLORIDA BUILDING CODE. BEST MANAGEMENT PRACTICES: FLOATING TURBIDITY CURTAIN EXTENDING WITHIN 1' OF BOTTOM TO BE INSTALLED DURING PILING INSTALLATION.

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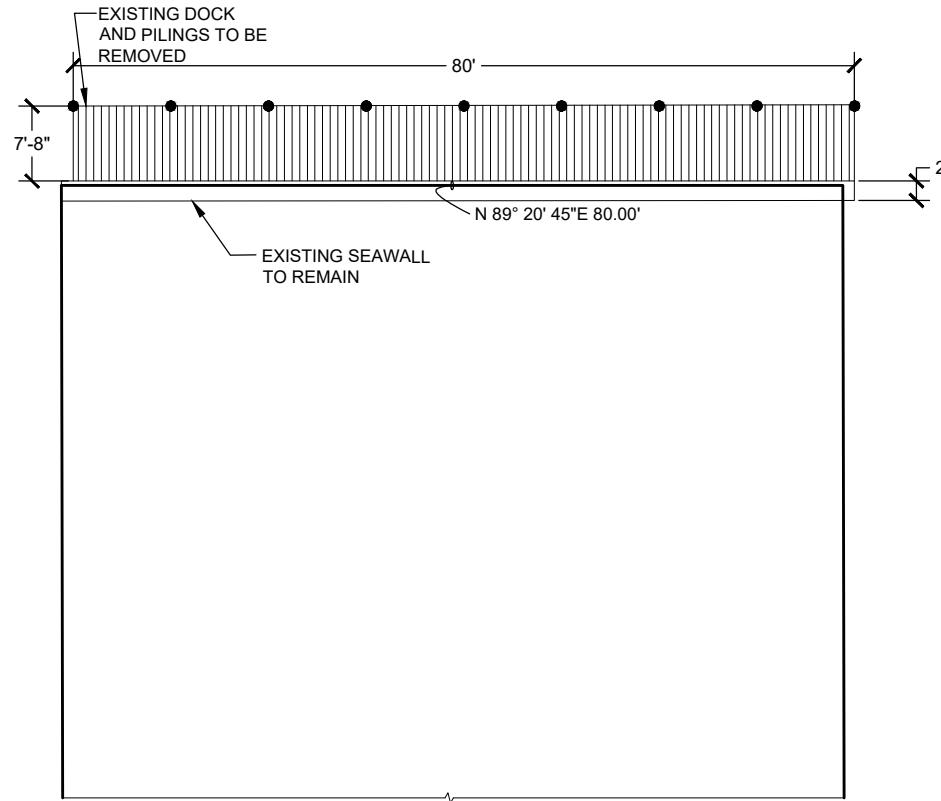
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WOOD DOCK

**AZALEA CANAL  
100' CANAL RIGHT-OF-WAY**



**EXISTING SITE CONDITIONS**

SCALE 1"=20"

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**WOOD DOCK**



**AZALEA CANAL**  
**100' CANAL RIGHT-OF-WAY**

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

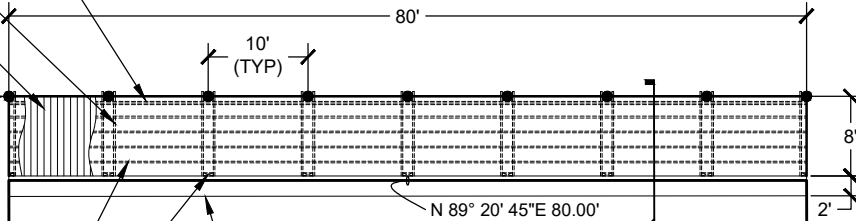
P.T. 3"x8"  
HEADER EACH  
SIDE OF PILING

2"x6" MARINE GRADE  
LUMBER DECKING  
FASTENED TO STRINGERS  
W/2#10x 3 1/2" S.S. DECKING  
SCREWS @ EA. SUPPORT.

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

P.T. 2"x8" STRINGERS @16"  
O.C. (MAX) FASTENED TO  
HEADER W/ 14" GALV. HURR.  
STRAPS (USP RT 16 STRAP,  
UP LIFT CAP. 905#) W/5-16d  
GALV. NAILS EA. END (TYP.)

P.T. 4"x10"x18" LONG  
HANGER TYP. U.O.N.  
FASTENED TO SEAWALL  
CAP W/(2) 3/4" S.S. WEDGE  
ANCHORS BOLTS BY  
SIMPSON OE EQUAL  
INTO CAP. TYP. U.O.N.



**NOTES**

1. ALL STORMWATER SHALL BE RETAINED ON PROPERTY.
2. DESIGN PER 7th ED 2020 FBCR. 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.
8. WITHIN 1' OF BOTTOM TO BE INSTALLED DURING PILING INSTALLATION.

**DESIGN WINDLOAD INFORMATION**

CODE: FBCR 2020 7th  
ASCE 7-16  
Wind Speed: 175 MPH, 3 Second Gust  
Exposure "D"  
Importance Factor: 1.0  
Internal Pressure Coeff.:0.00  
Height:6ft. Mean

**PROPOSED PLAN VIEW**

SCALE 1"=20"

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**THE DOCK EXPERTS**

**WOOD DOCK**

2"x6" MARINE GRADE LUMBER  
FASTENED TO STRINGERS  
W/2#10 3 1/2" S.S. DECK  
SCREWS @ EACH SUPPORT

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

P.T. 4"x10"x18" LONG HANGER TYP.  
U.O.N. FASTENED TO SEAWALL  
CAP W/(2) 3/4" S.S. WEDGE  
ANCHORS BOLTS BY SIMPSON OE  
EQUAL INTO CAP. TYP. U.O.N.

(9) NEW 10" DIA 2.5 CCA  
MARINE TREATED WOOD  
PILING TO BE WRAPPED  
w/5' POLYGLYCOAT WRAP

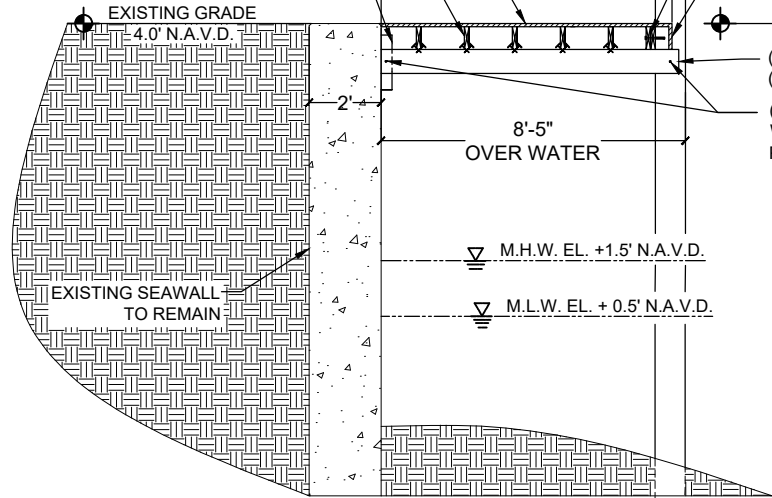
DOUBLE 2 x 8 STRINGER INSIDE  
SECURED BY 1/2" x 7" LAG BOLT  
@ EACH PILE LOCATION

P.T. 2" x 8" FASCIA FASTENED  
TO STRINGERS w/2 S.S. DECK  
DECK SCREWS @ EA. SUPPORT

T.O.D. EL. +4.0' N.A.V.D.

(2) 3" x 8" HEADER  
(BOTH SIDES OF PILE)

(2) 5/8 THROUGH BOLTS  
WITH WASHERS (TYP) ALL  
PILINGS AND DROP HANGERS



**SECTION -A**  
**WOOD DOCK DETAIL (TYP.)**  
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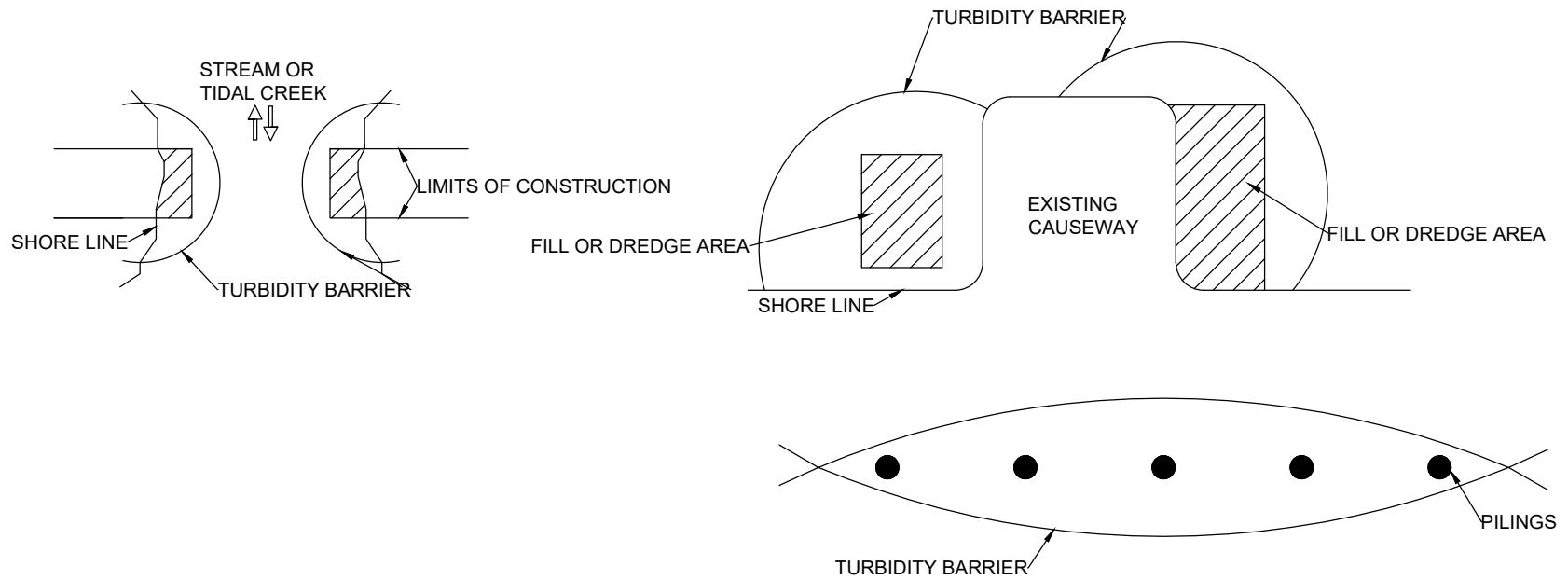
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**THE DOCK EXPERTS**

**WOOD DOCK**



**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 OR 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.

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