

LOCATION
N.T.S.

Location Address 2500 BAY DRIVE POMPANO BEACH, FL 33062
 Municipality POMPANO BEACH
 Parcel Control Number 4843-29AM-0090
 Subdivision BAYVIEW OF POMPANO
 Official Records CIN 112908887
 Legal Description BAYVIEW OF POMPANO CONDO UNIT PH CDO BK/PG

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



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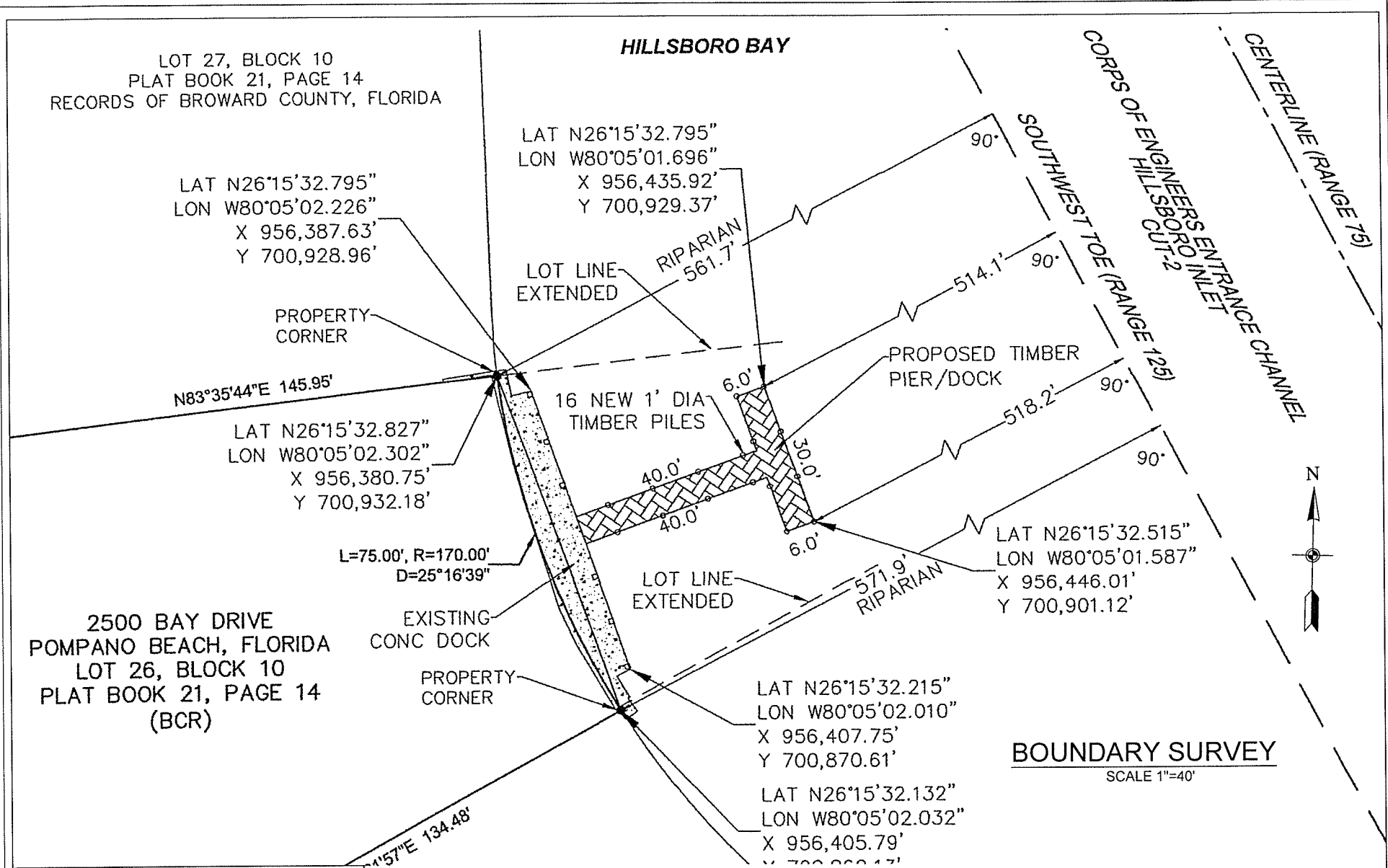
BAYVIEW OF POMPANO
 2500 BAY DRIVE
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 33602

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 A 8/15/2023

THE DOCK EXPERTS

 NEW WOOD PIER



BOUNDARY SURVEY
SCALE 1"=40'

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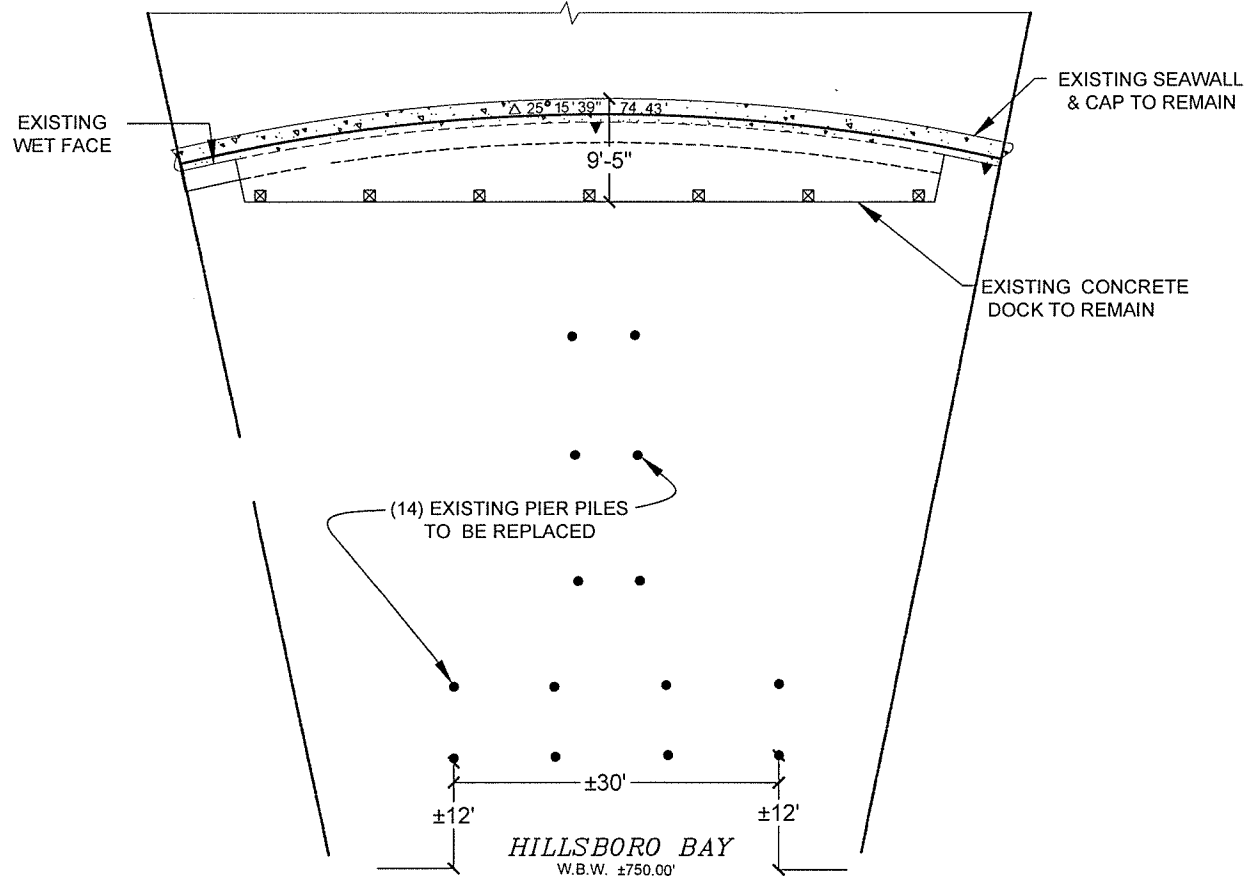
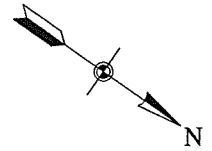
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NEW WOOD PIER



EXISTING CONDITIONS
SCALE 1"=20'

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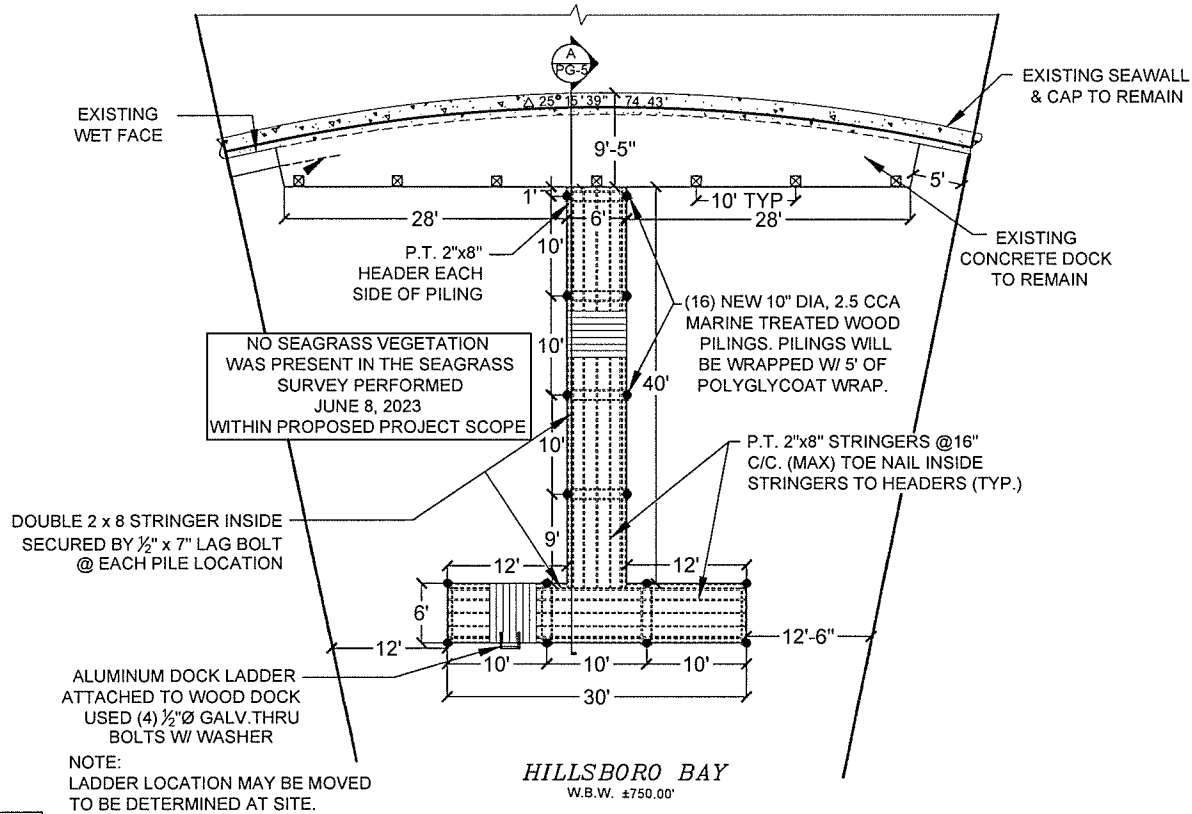
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NEW WOOD PIER



PROPOSED PLAN VIEW
SCALE 1"=20'

DESIGN WINDLOAD INFORMATION

CODE: FBC 2021 7th ADD/FRC 2017/ ASCE 7-16
 Wind Speed: 175 MPH, 3 Second Gust Exposure "D"
 Importance Factor: 1.0
 Internal Pressure Coeff.: 0.00
 Height: 6ft. Mean

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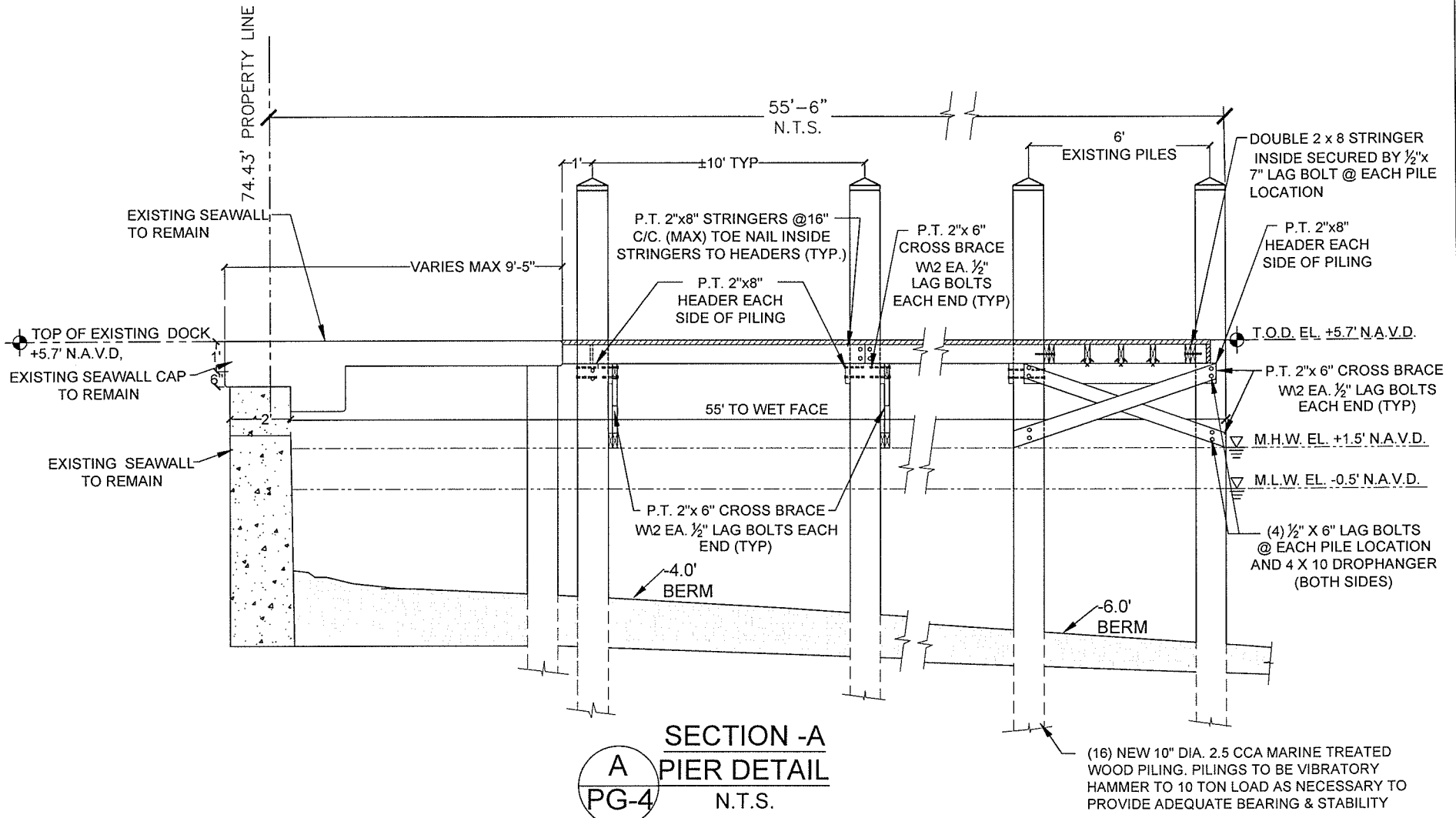
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NOTES

- ALL STORMWATER SHALL BE RETAINED ON PROPERTY.
- DESIGN PER 2021 FBC 7TH ED. WIND LOADS PER ASCE 7-16, 175 MPH.
- PROPOSED WORK DOES NOT CHANGE IMPERVIOUS AREA
- ALL PROPOSED PILES SHALL BE CLASS "A" TIMBER PILES WITH AMMONIACAL COPPER ZINC ARSENATE TREATMENT.
- PILES SHALL BE DRIVEN 10' DEPTH BELOW SEABED AND 25 TON BEARING.
- ALL FASTENERS SHALL BE 300 SERIES STAINLESS STEEL.
- BEST MANAGEMENT PRACTICES: FLOATING TURBIDITY CURTAIN EXTENDING WITHIN 1' OF BOTTOM TO BE INSTALLED DURING PILING INSTALLATION.

DOCK EXPERTS
 NEW WOOD PIER



SECTION - A
PIER DETAIL
 N.T.S.

A
 PG-4

(16) NEW 10" DIA. 2.5 CCA MARINE TREATED WOOD PILING. PILING TO BE VIBRATORY HAMMER TO 10 TON LOAD AS NECESSARY TO PROVIDE ADEQUATE BEARING & STABILITY

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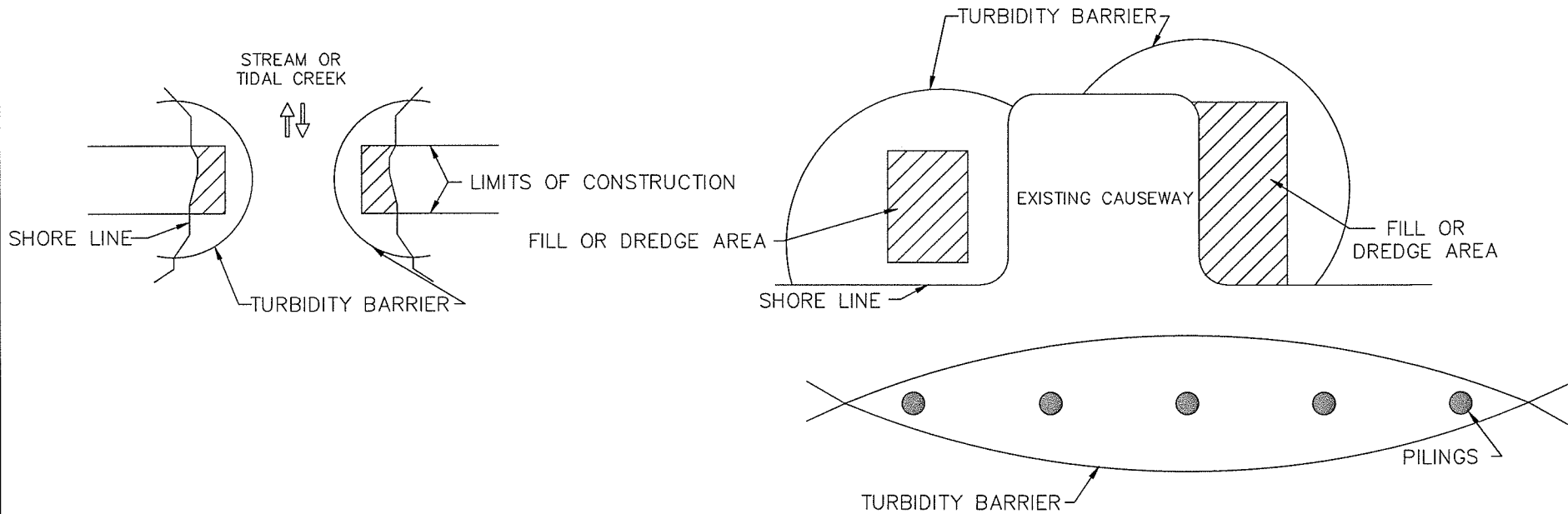
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III.
DOCK EXPERTS

NEW WOOD PIER



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
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