

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

B&B Consulting Engineers
 2237 Woods Edge Circle
 Orlando Florida 32817
 (772) 828-2263 (772) 708-7785

BAYVIEW OF POMPANO
 2500 BAY DRIVE
 POMPANO BEACH, FL.
 33602

| | |
|------------|------------|
| PAGE | Date: |
| 1 OF 6 | 12/20/2022 |
| Revisions: | Date: |
| B | 3/27/2024 |
| C | 4/17/2024 |

THE DOCK EXPERTS

NEW WOOD PIER

LOT 27, BLOCK 10
 PLAT BOOK 21, PAGE 14
 RECORDS OF BROWARD COUNTY, FLORIDA

HILLSBORO BAY

LAT N26°15'32.795"
 LON W80°05'02.226"
 X 956,387.63'
 Y 700,928.96'

LAT N26°15'32.795"
 LON W80°05'01.696"
 X 956,435.92'
 Y 700,929.37'

PROPERTY CORNER

N83°35'44"E 145.95'

LAT N26°15'32.827"
 LON W80°05'02.302"
 X 956,380.75'
 Y 700,932.18'

L=75.00', R=170.00'
 D=25°16'39"

2500 BAY DRIVE
 POMPANO BEACH, FLORIDA
 LOT 26, BLOCK 10
 PLAT BOOK 21, PAGE 14
 (BCR)

EXISTING CONC DOCK

PROPERTY CORNER

N1°57'E 134.48'

LOT LINE EXTENDED

RIPARIAN 561.7'

16 NEW 1' DIA
 TIMBER PILES

LOT LINE EXTENDED

571.9'
 RIPARIAN

LAT N26°15'32.215"
 LON W80°05'02.010"
 X 956,407.75'
 Y 700,870.61'

LAT N26°15'32.132"
 LON W80°05'02.032"
 X 956,405.79'
 Y 700,868.17'

PROPOSED TIMBER
 PIER/DOCK

BOUNDARY SURVEY
 SCALE 1"=40'

CORPS OF ENGINEERS ENTRANCE INLET
 HILLSBORO CUT-2
 CENTERLINE (RANGE 75)
 SOUTHWEST TOE (RANGE 125)



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

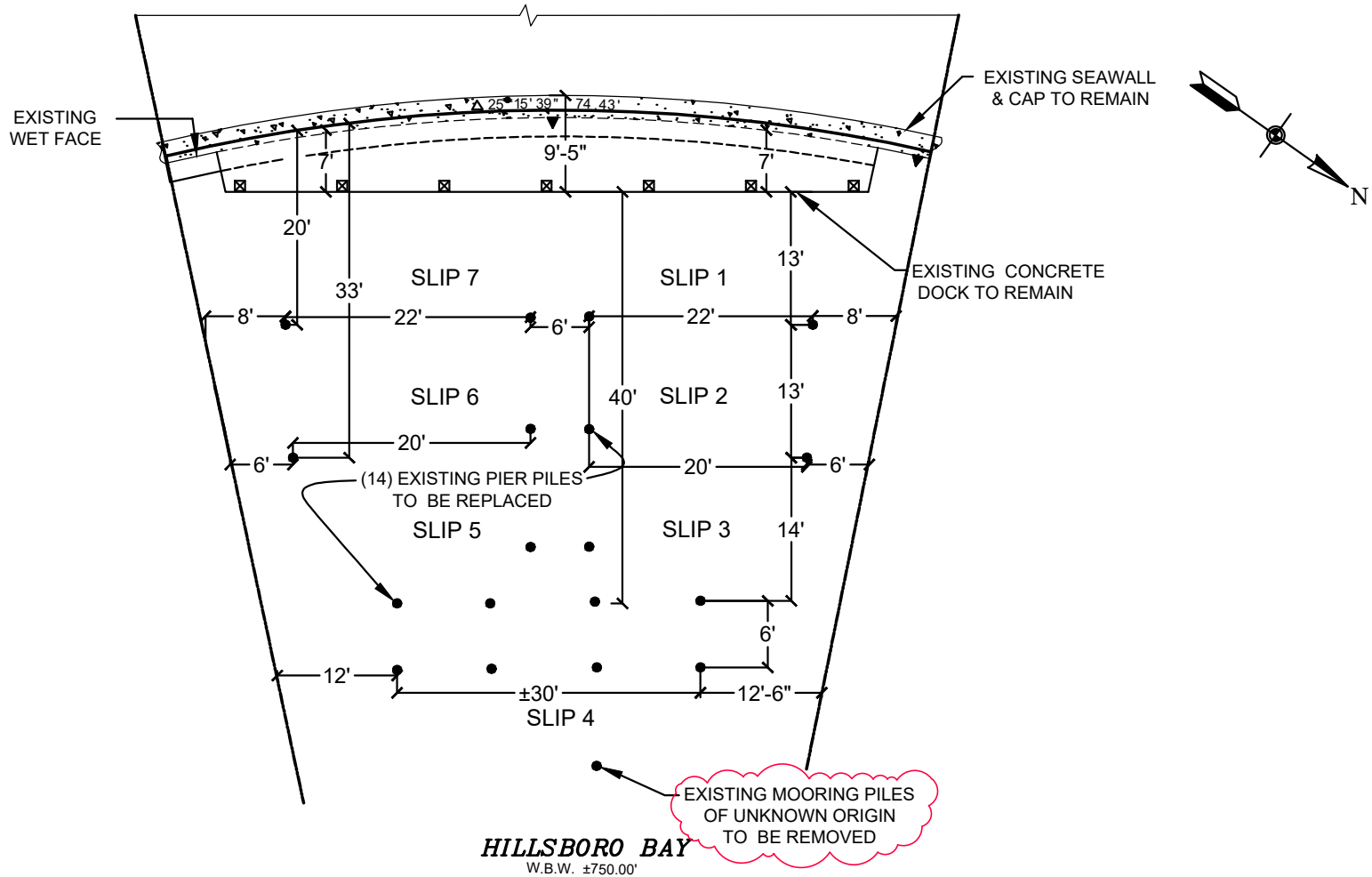
B&B Consulting Engineers
 2237 Woods Edge Circle
 Orlando Florida 32817
 (772) 828-2263 (772) 708-7785

BAYVIEW OF POMPANO
 2500 BAY DRIVE
 POMPANO BEACH, FL.
 33602

| | |
|------------|------------|
| PAGE | Date: |
| 2 OF 6 | 12/20/2022 |
| Revisions: | Date: |
| B | 3/27/2024 |
| C | 4/17/2024 |

THE DOCK EXPERTS

NEW WOOD PIER



EXISTING CONDITIONS
SCALE 1"=20'

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

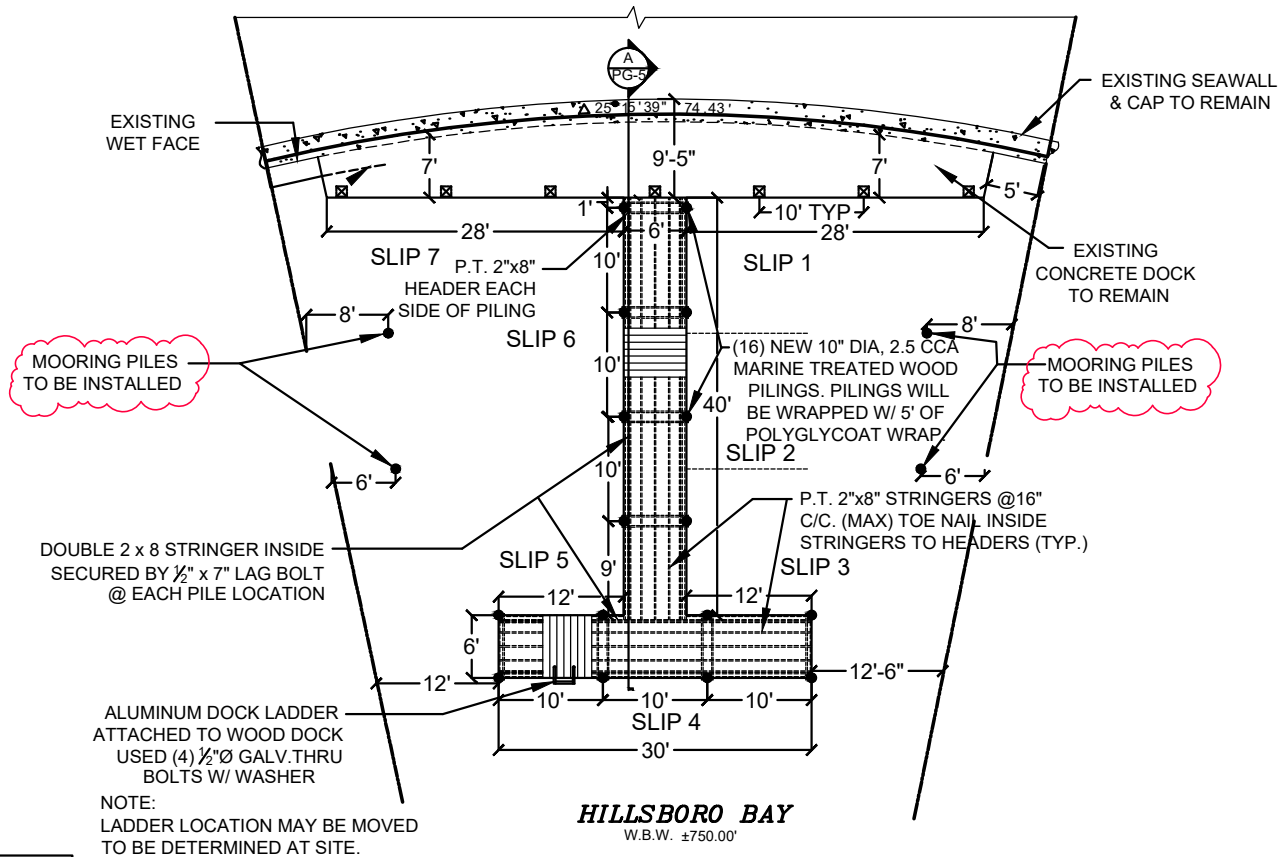
B&B Consulting Engineers
2237 Woods Edge Circle
Orlando Florida 32817
(772) 828-2263 (772) 708-7785

BAYVIEW OF POMPANO
2500 BAY DRIVE
POMPANO BEACH, FL.
33602

| | |
|------------|------------|
| PAGE | Date: |
| 3 OF 6 | 12/20/2022 |
| Revisions: | Date: |
| B | 3/27/2024 |
| C | 4/17/2024 |

THE DOCK EXPERTS

NEW WOOD PIER



DESIGN WINDLOAD INFORMATION

CODE: FBC 2023 8th
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'

NOTES

1. ALL STORMWATER SHALL BE RETAINED ON PROPERTY.
2. DESIGN PER 2021 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.

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

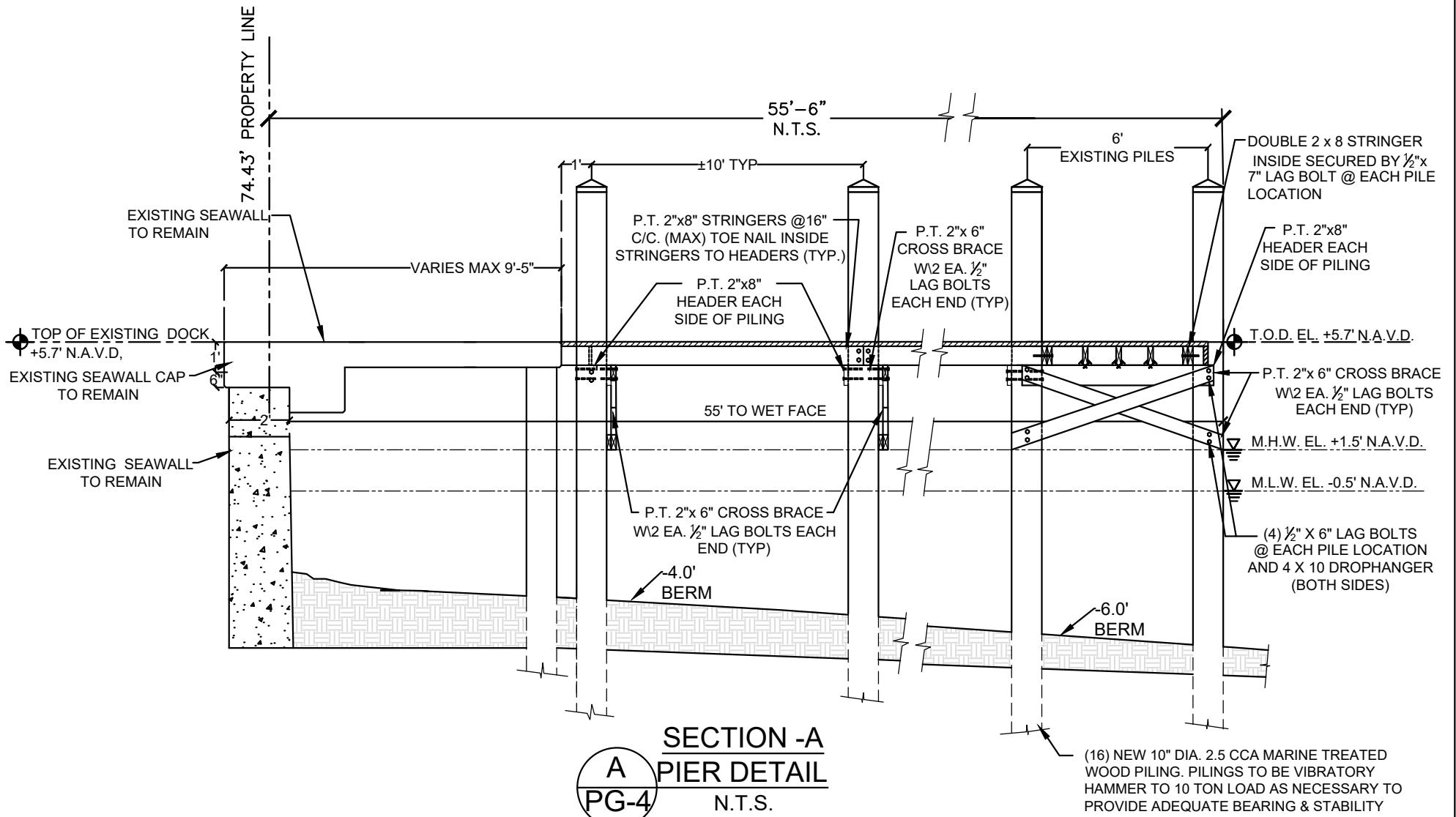
B&B Consulting Engineers
2237 Woods Edge Circle
Orlando Florida 32817
(772) 828-2263 (772) 708-7785

BAYVIEW OF POMPANO
2500 BAY DRIVE
POMPANO BEACH, FL.
33602

| | |
|------------|------------|
| PAGE | Date: |
| 4 OF 6 | 12/20/2022 |
| Revisions: | Date: |
| B | 3/27/2024 |
| C | 4/17/2024 |

THE DOCK EXPERTS

NEW WOOD PIER



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

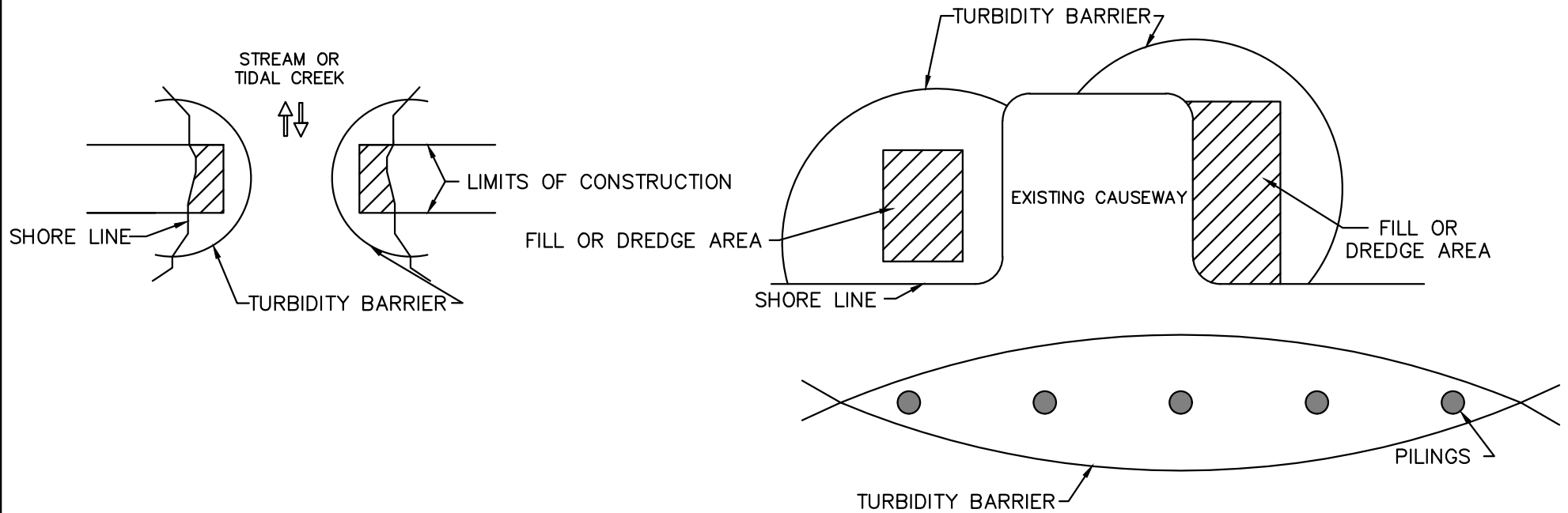
B&B Consulting Engineers
2237 Woods Edge Circle
Orlando Florida 32817
(772) 828-2263 (772) 708-7785

BAYVIEW OF POMPANO
2500 BAY DRIVE
POMPANO BEACH, FL.
33602

| | |
|------------|------------|
| PAGE | Date: |
| 5 OF 6 | 12/20/2022 |
| Revisions: | Date: |
| B | 3/27/2024 |
| C | 4/17/2024 |

THE 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 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.

TURBIDITY DETAILS
N.T.S.

| | | | | | |
|--|---|---|---|--|--|
| OSCAR M. BERMUDEZ, P.E., P.E. Date: Reg. Florida No. 55141 | B&B Consulting Engineers 2237 Woods Edge Circle Orlando Florida 32817 (772) 828-2263 (772) 708-7785 | BAYVIEW OF POMPANO 2500 BAY DRIVE POMPANO BEACH, FL. 33602 | PAGE 6 OF 6 Revisions: B 3/27/2024 C 4/17/2024 | Date: 12/20/2022 Date: 3/27/2024 Date: 4/17/2024 | THE DOCK EXPERTS  NEW WOOD PIER |
|--|---|---|---|--|--|