

SUBJECT PROPERTY:

BRAEMAR ISLES CONDOMINIUM
4740 SOUTH OCEAN BOULEVARD ,HIGHLAND BEACH FLORIDA, 33487
BOAT SLIP #12
SEE SHEET 2 OF 2 FOR THE LEGAL DESCRIPTION

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MAY 20 2024

HIGHLAND BEACH
BUILDING DEPARTMENT



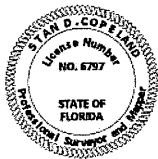
LOCATION MAP (NTS) HIGHLAND BEACH, FLORIDA
4740 SOUTH OCEAN BOULEVARD

SURVEY NOTES:

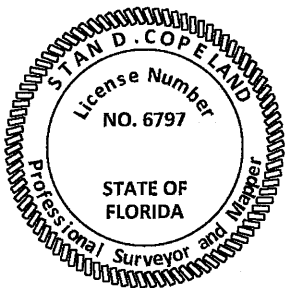
- 1. THIS SURVEY REPRESENTS AN SPECIFIC PURPOSE SURVEY AS DEFINED IN THE STANDARDS OF PRACTICE FOR SURVEYING AND MAPPING IN CHAPTER 5J-17 FLORIDA ADMINISTRATIVE CODE.
- 2. REPRODUCTIONS OF THIS SKETCH ARE NOT VALID UNLESS SEALED WITH AN EMBOSSED SEAL OR SECURE ELECTRONIC SEAL OF THE UNDERSIGNED.
- 3. THIS SURVEY IS NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND RAISED EMBOSSED SEAL OF THE UNDERSIGNED SURVEYOR OR SECURE ELECTRONIC SIGNATURE.
- 4. NO SEARCH OF THE PUBLIC RECORDS WAS PERFORMED FOR EASEMENTS, ENCUMBRANCES OR OTHER INSTRUMENTS OF RECORD OTHER THAN THOSE SHOWN HEREON WHICH MAY AFFECT THIS PARCEL OF LAND.
- 5. THIS SURVEY IS INTENDED TO BE DISPLAYED AT SCALE OF 1 INCH EQUALS 20 FEET OR SMALLER.
- 6. THIS IS NOT A BOUNDARY SURVEY.
- 7. UNDERGROUND UTILITIES WERE NOT LOCATED AS PART OF THIS SURVEY.
- 8. ULOCATIONS OF ALL IMPROVEMENTS WERE OBTAINED USING REAL TIME KINEMATIC GPS METHODOLOGIES WITH BROADCAST CORRECTIONS FROM THE FLORIDA DEPARTMENT OF TRANSPORTATION REFERENCE NETWORK AND ARE ACCURATE TO THIRD ORDER, CLASS II.
- 9. ANY ELEVATIONS SHOWN ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD-88).

CERTIFICATION:

I HEREBY CERTIFY THAT THE ATTACHED SPECIFIC PURPOSE SURVEY OF THE HEREON DESCRIBED PROPERTY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS SURVEYED UNDER MY DIRECTION ON FEBRUARY 16TH, 2024 I FURTHER CERTIFY THAT THIS SPECIFIC PURPOSE SURVEY MEETS THE STANDARDS OF PRACTICE SET FORTH IN CHAPTER 5J-17 ADOPTED BY THE FLORIDA BOARD OF SURVEYORS AND MAPPERS PURSUANT TO FLORIDA STATUTE 472.027.



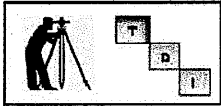
Digitally signed by Stanley Copeland
DN: c=US, serialNumber=AATL20230406293170,
cn=Stanley Copeland, email=stan@tdisurvey.com
Date: 2024.02.19 12:36:59 -05'00'



STAN D. COPELAND, PSM – FLORIDA REGISTRATION NUMBER 6797
FEBRUARY 19TH, 2024

ABBREVIATIONS/LEGEND	
PL	PROPERTY LINE
PSM	PROFESSIONAL LAND SURVEYOR
PBCR	PALM BEACH COUNTY RECORDS
IR	IRON ROAD
CONC	CONCRETE
PROP	PROPERTY
D	DELTA ANGLE
L	ARC LENGTH
R	RADIUS
R/W	RIGHT OF WAY
LB	LICENSED BUSINESS
IP	IRON PIPE
FND	FOUND
ELEV	ELEVATION (NAVD-88) FT
POB	POINT OF BEGINNING
POC	POINT OF COMMENCMENT
ORB	OFFICAL RECORD BOOK
PG	PAGE

PREPARED BY:



TECHNICAL DISCIPLINES, INC. (LB 8123)
1533 SE 8TH TERRACE
DEERFIELD BEACH, FLORIDA 33441
954-850-2008

PREPARED FOR:

B&M MARINE CONSTRUCTION
1211 S. MILITARY TRAIL, STE 200
DEERFIELD BEACH, FL 33442

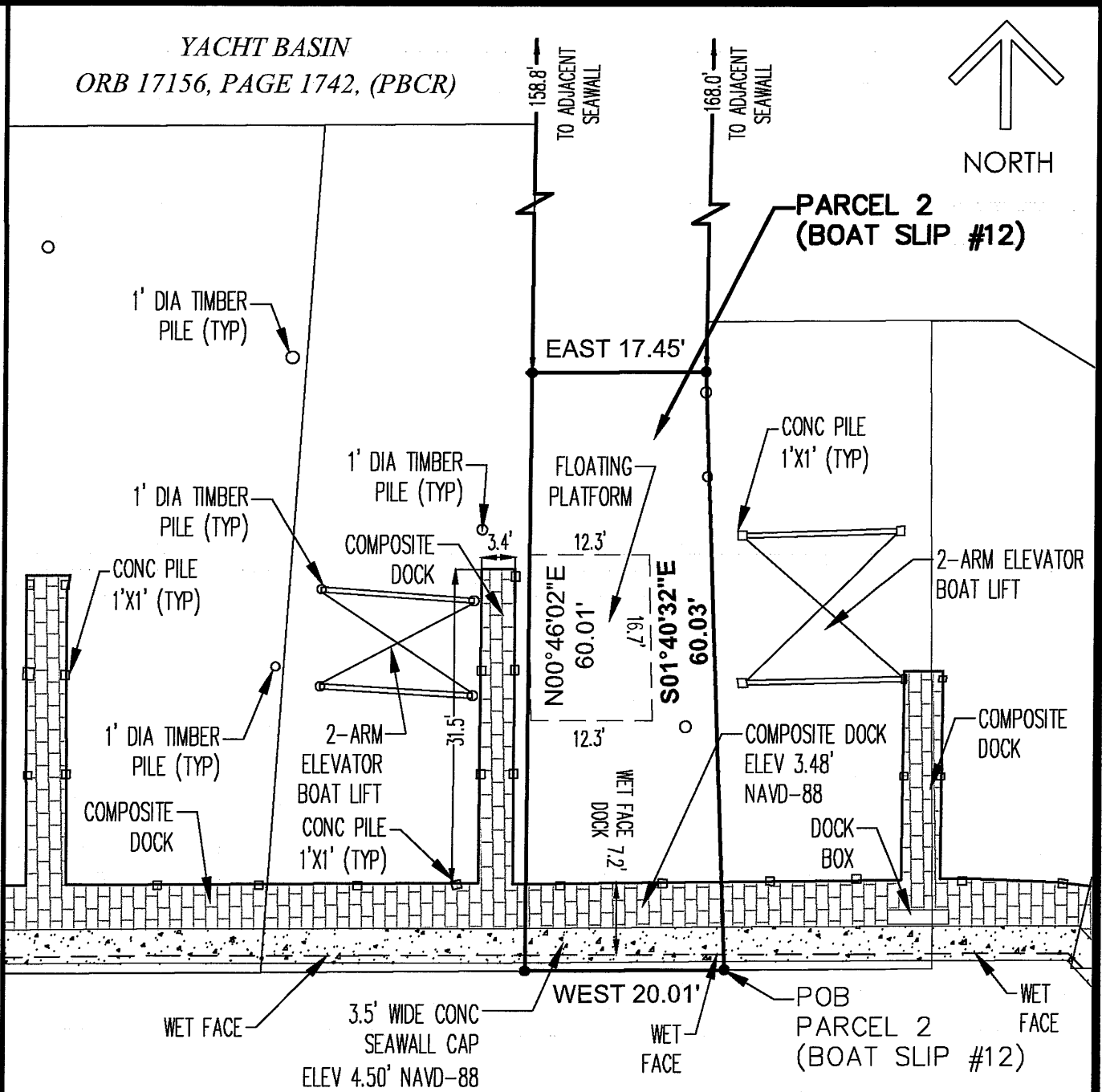
SPECIFIC PURPOSE SURVEY

BOAT SLIP 12, PARCEL 2 (ORB 29099, PG 259), PBCR
1017 GRAND COURT, HIGHLAND BEACH, FLORIDA, 33487

DRAWING NO.:	TDI-1582	JOB NO.:	TDI-1582-SP
DRAWN BY:	HM	CHECKED BY:	SDC
SCALE:	AS SHOWN	DATE:	2/19/24
		SHEET	1 OF 2

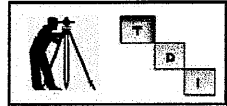
LEGAL DESCRIPTION:

PARCEL 2: BOAT SLIP #12:
A PARCEL OF LAND IN SECTION 9, TOWNSHIP 47 SOUTH, RANGE 43 EAST, PALM BEACH COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
COMMENCING AT THE POINT OF INTERSECTION OF THE NORTH LINE OF SAID SECTION 9 AND THE WEST RIGHT-OF-WAY LINE OF STATE ROAD A-1-A AS LAID OUT AND NOW IN USE (100 FOOT RIGHT-OF-WAY); THENCE SOUTH 89°52'10" WEST ALONG SAID NORTH LINE OF SECTION 9, A DISTANCE OF 228.33 FEET; THENCE SOUTH 11°00'00" WEST, ALONG THE MOST WESTERLY WEST LINE OF THAT PARCEL OF LAND DESCRIBED IN OFFICIAL RECORDS BOOK 3423, PAGE 1629 OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA, A DISTANCE OF 238.08 FEET TO A POINT ON THE NORTHERLY BOUNDARY OF THAT PARCEL OF LAND DESCRIBED IN OFFICIAL RECORDS BOOK 3861, PAGE 457 OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA; THENCE NORTH 79°00'00" WEST ALONG SAID NORTH LINE, A DISTANCE OF 40.00 FEET; THENCE SOUTH 11°00'00" WEST, A DISTANCE OF 241.48 FEET; THENCE SOUTH 00°06'22" WEST, A DISTANCE OF 43.22 FEET TO A POINT OF CURVATURE OF A CIRCULAR CURVE CONCAVE TO THE NORTHWEST HAVING A RADIUS OF 15.00 FEET AND A CENTRAL ANGLE OF 90°00'00"; THENCE SOUTHWESTERLY ALONG THE ARC OF SAID CURVE AN ARC DISTANCE OF 23.56 FEET TO A POINT OF TANGENCY; THENCE NORTH 89°53'38" WEST, A DISTANCE OF 45.31 FEET; THENCE NORTH 87°51'34" WEST, A DISTANCE OF 100.98 FEET TO A POINT ON THE MOST EASTERLY EAST LINE OF THAT PARCEL OF LAND DESCRIBED IN OFFICIAL RECORDS BOOK 3644, PAGE 1731 OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA, THE LAST FIVE DESCRIBED COURSES BEING COINCIDENT WITH THE BOUNDARY OF THAT PARCEL OF LAND DESCRIBED IN OFFICIAL RECORDS BOOK 3861, PAGE 457 OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA; THENCE NORTH 02°08'21" EAST ALONG SAID EAST LINE, A DISTANCE OF 9.92 FEET; THENCE SOUTH 47°08'22" WEST, A DISTANCE OF 14.14 FEET; THENCE NORTH 87°51'38" WEST, A DISTANCE OF 65.18 FEET; THENCE NORTH 43°55'49" WEST, A DISTANCE OF 14.40 FEET; THENCE NORTH A DISTANCE OF 19.31 FEET; THENCE NORTH 45°00'00" EAST, A DISTANCE OF 7.00 FEET; THENCE NORTH, A DISTANCE OF 40.00 FEET; THENCE NORTH 45°00'00" WEST, A DISTANCE OF 28.78 FEET; THENCE WEST, A DISTANCE OF 37.40 FEET TO THE POINT OF BEGINNING, THE LAST SEVEN DESCRIBED COURSES BEING COINCIDENT WITH THE BOUNDARY OF THAT PARCEL OF LAND DESCRIBED IN OFFICIAL RECORDS BOOK 3644, PAGE 1731 OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA, THENCE CONTINUING WEST ALONG SAID BOUNDARY, A DISTANCE OF 20.01 FEET; THENCE NORTH 00°46'02" EAST, A DISTANCE OF 60.01 FEET; THENCE EAST A DISTANCE OF 17.45 FEET; THENCE SOUTH 01°40'32" EAST, A DISTANCE OF 60.03 FEET TO THE POINT OF BEGINNING.

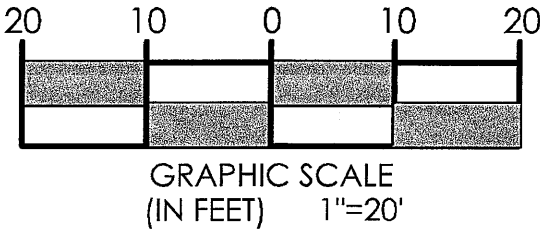


BRAEMAR ISLES CONDOMINIUM
4740 SOUTH OCEAN BOULEVARD
HIGHLAND BEACH FLORIDA, 33487
OFFICIAL RECORDS BOOK 3644, PAGE 1731
PALM BEACH COUNTY RECORDS

PREPARED BY:



TECHNICAL DISCIPLINES, INC. (LB 8123)
1533 SE 8TH TERRACE
DEERFIELD BEACH, FLORIDA 33441
954-850-2008



SPECIFIC PURPOSE SURVEY

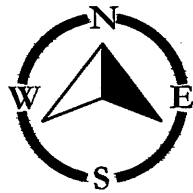
BOAT SLIP 12, PARCEL 2 (ORB 29099, PG 259), PBCR
1017 GRAND COURT, HIGHLAND BEACH, FLORIDA, 33487

DRAWING NO.: TDI-1582	JOB NO.: TDI-1582-SP
DRAWN BY: HM	CHECKED BY: SDC
SCALE: AS SHOWN	DATE: 2/19/24
	SHEET 2 OF 2

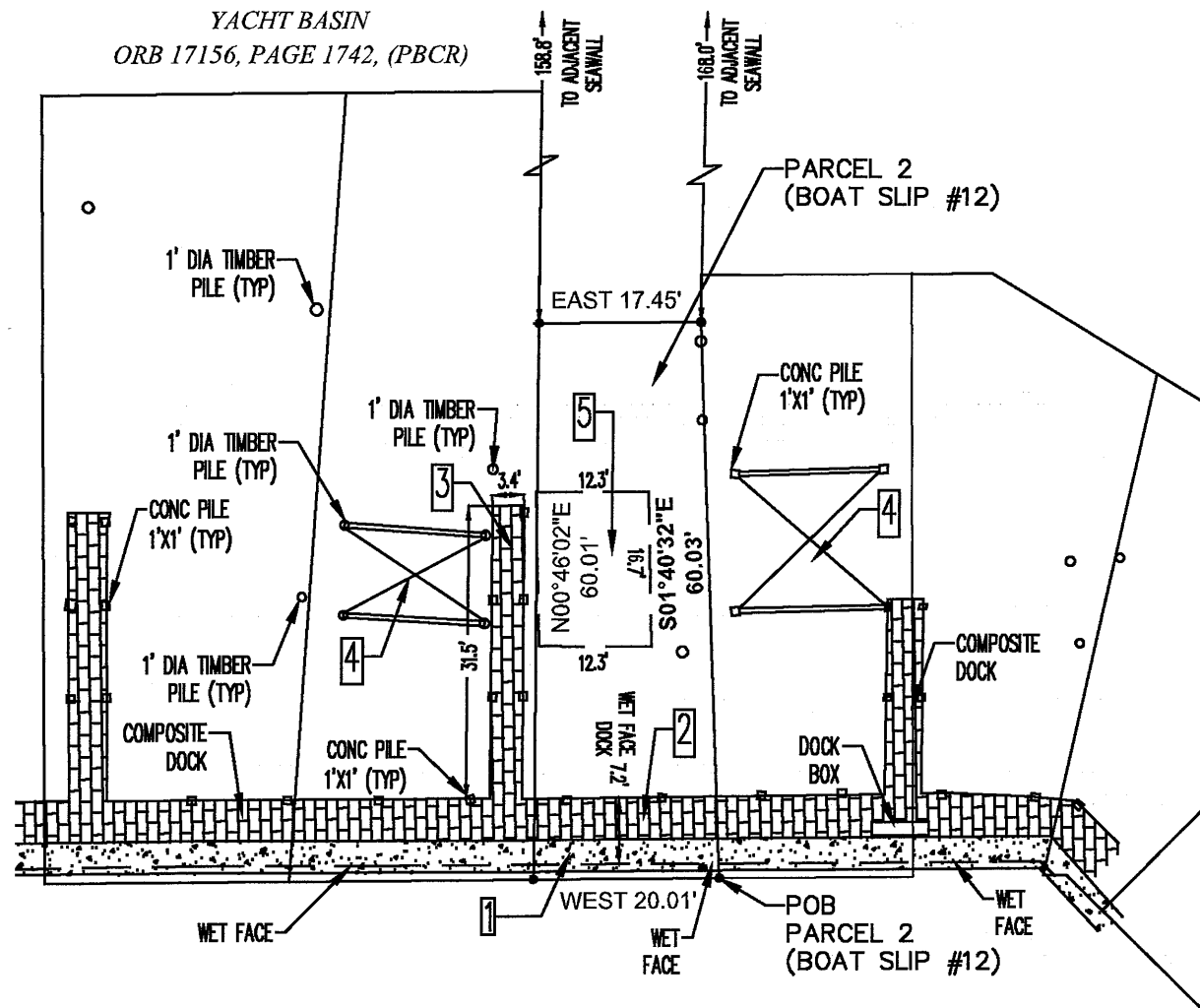
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HIGHLAND BEACH
BUILDING DEPARTMENT



YACHT BASIN
ORB 17156, PAGE 1742, (PBCR)



BRAEMAR ISLES CONDOMINIUM
4740 SOUTH OCEAN BOULEVARD
HIGHLAND BEACH FLORIDA, 33487

OFFICIAL RECORDS BOOK 3644, PAGE 1731
PALM BEACH COUNTY RECORDS

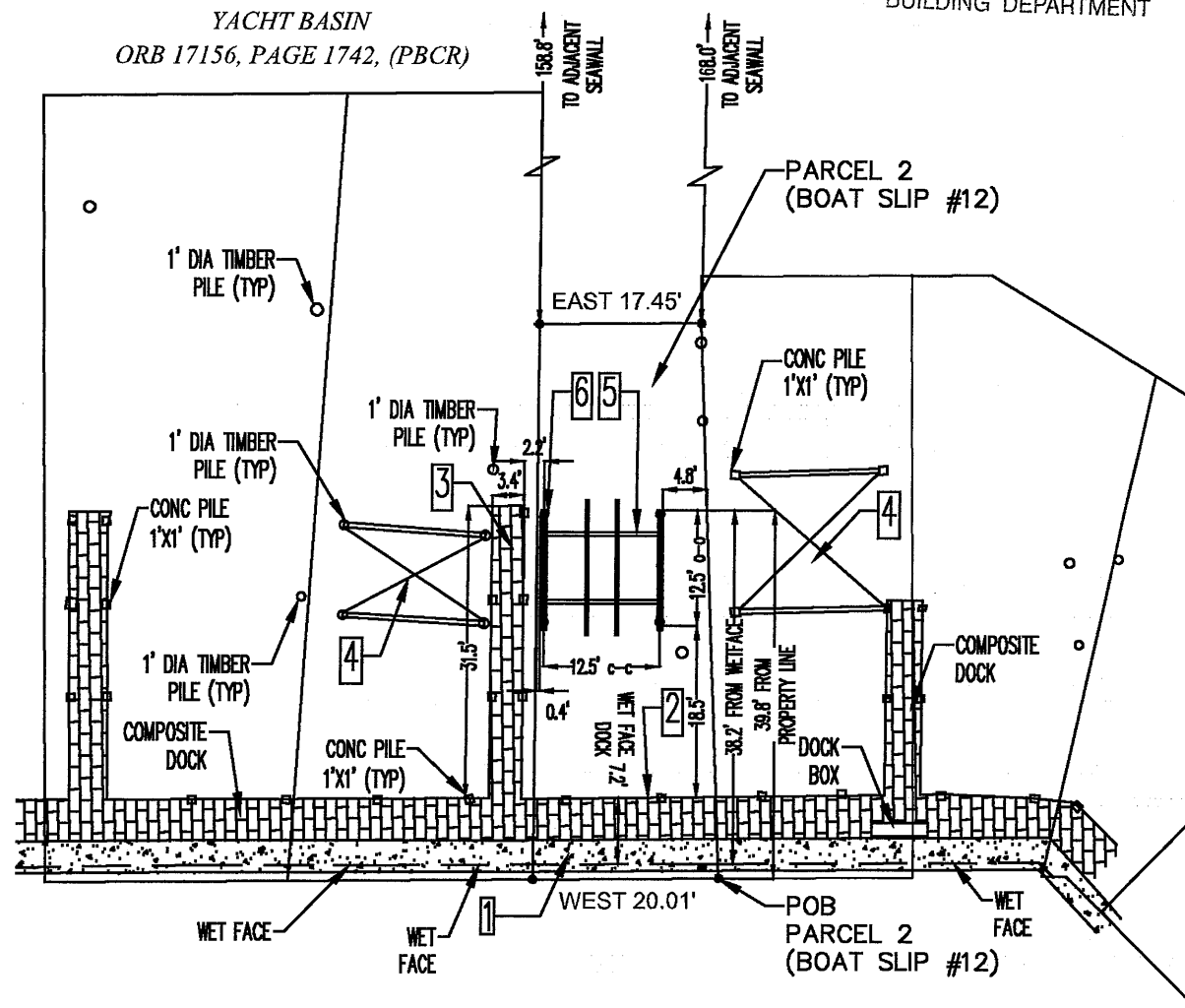
1 EXISTING CONDITIONS SCALE: 1" = 20'

EXISTING LAYOUT IDENTIFICATION:

- EXISTING 3.5' WIDE CONCRETE SEAWALL CAP TO REMAIN
- EXISTING 4.5' WOOD MARGINAL DOCK TO REMAIN
- EXISTING 31.5' x 4' WOOD PIER IN ADJACENT SLIP TO REMAIN
- EXISTING LIFTS IN ADJACENT SLIPS TO REMAIN
- EXISTING 12.3' x 16.7' FLOATING PLATFORM LIFT TO BE REMOVED



YACHT BASIN
ORB 17156, PAGE 1742, (PBCR)



BRAEMAR ISLES CONDOMINIUM
4740 SOUTH OCEAN BOULEVARD
HIGHLAND BEACH FLORIDA, 33487

OFFICIAL RECORDS BOOK 3644, PAGE 1731
PALM BEACH COUNTY RECORDS

1 PROPOSED CONDITIONS SCALE: 1" = 20'

PROPOSED LAYOUT IDENTIFICATION:

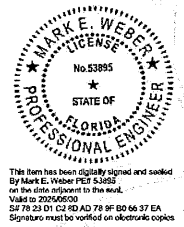
- EXISTING 3.5' WIDE CONCRETE SEAWALL CAP TO REMAIN
- EXISTING 4.5' WOOD MARGINAL DOCK TO REMAIN
- EXISTING 31.5' x 4' WOOD PIER IN ADJACENT SLIP TO REMAIN
- EXISTING LIFTS IN ADJACENT SLIPS TO REMAIN
- PROPOSED 10000lb 4-POST BOAT LIFT
- PROPOSED 10" DIA. WOOD PILES (TYP OF 4)

4/25/24 Corrections per City comments- Added scale to Existing & Proposed
1 Conditions; Added height of superstructure above decking to Lift Detail - End
View; Added height of existing pier piles above decking to both Lift Details

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HIGHLAND BEACH
BUILDING DEPARTMENT



Digitally
signed by
Mark E Weber
Date:
2024.04.26
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-04'00'

Mark E. Weber, P.E.
LICENSE #53895 | CA 30702
MW ENGINEERING, INC
902 NE 1 Street Suite #2
Pompano Beach, Florida 33060
Ofc: 754-333-0877
WWW.MWEngineering.net

PREPARED FOR:
B & M MARINE
CONSTRUCTION, INC.
12111 South Military Trail, Suite 200
Deerfield Beach, FL 33442
954-421-1700 CGC052820

HAMUY RESIDENCE
1017 GRAND COURT
SLIP 12
HIGHLAND BEACH, FL

DATE	NOTES/REVISIONS
4/25/2024	Dev. Order Corrections
SCA1 J:	AS SHOWN
DATE:	2/27/2024
JOB No:	19-2165
SHT-1	
1 of 4	

PROPOSED LIFT IDENTIFICATION:

- 1. EXISTING SEAWALL PANELS, CAP AND PILES TO REMAIN
- 2. EXISTING WOOD FRAMED DOCK TO REMAIN
- 3. EXISTING WOOD FRAMED PIER TO REMAIN
- 4. EXISTING CONCRETE DOCK/PIER PILES TO REMAIN
- 5. PROPOSED 10000lb 4-POST BOAT LIFT
- 6. PROPOSED 10" DIA. WOOD LIFT PILE (TYP OF 4)

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MAY 20 2024
HIGHLAND BEACH
BUILDING DEPARTMENT



Digitally signed by Mark E Weber
Date: 2024.04.26 13:50:26 -04'00'

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MW ENGINEERING, INC
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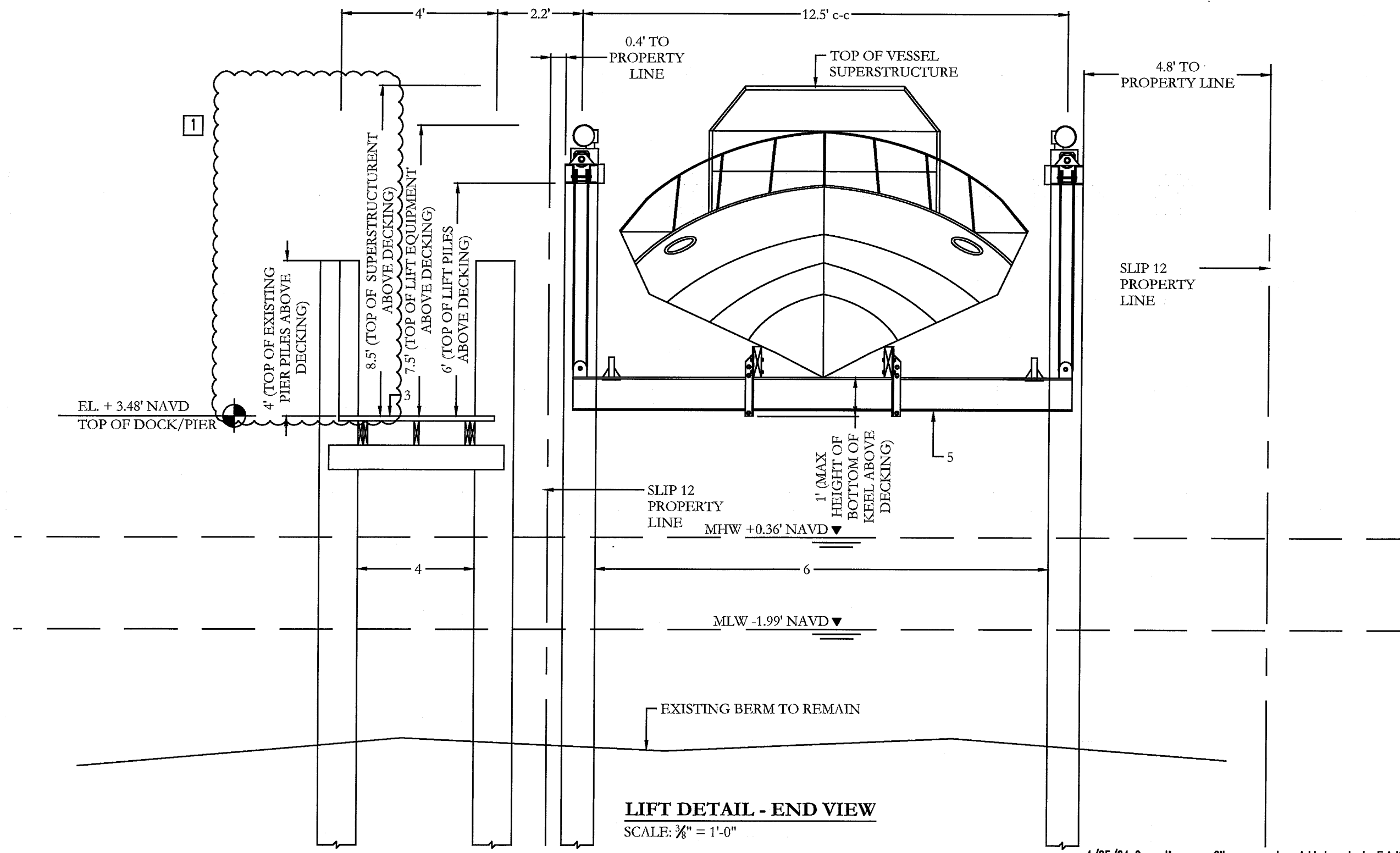
BOAT LIFT FOR:
HAMUY RESIDENCE
1017 GRAND COURT
SLIP 12
HIGHLAND BEACH, FL

DATE	NOTES/REVISIONS
4/25/2024	Dev. Order Corrections

SCALE: AS SHOWN
DATE: 2/27/2024

JOB No: 19-2165

SHT-
2 of 4



LIFT DETAIL - END VIEW
SCALE: 3/8" = 1'-0"

4/25/24 Corrections per City comments- Added scale to Existing & Proposed Conditions; Added height of superstructure above decking to Lift Detail - End View; Added height of existing pier piles above decking to both Lift Details

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BUILDING DEPARTMENT



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by Mark E Weber
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LICENSE #53895 | CA 30702

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902 NF 1 Street Suite #2
Pompano Beach, Florida 33060
Ofc: 754-333-0877
WWW.MwEngineering.net

PREPARED FOR:
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CONSTRUCTION, INC.
1211 South Military Trail, Suite 200
Deerfield Beach, FL 33442
954-421-1700 CGC052820

BOAT LIFT FOR:
HAMUY RESIDENCE
1017 GRAND COURT
SLIP 12
HIGHLAND BEACH, FL

DATE	NOTES/REVISIONS
4/25/2024	Dev. Order Corrections

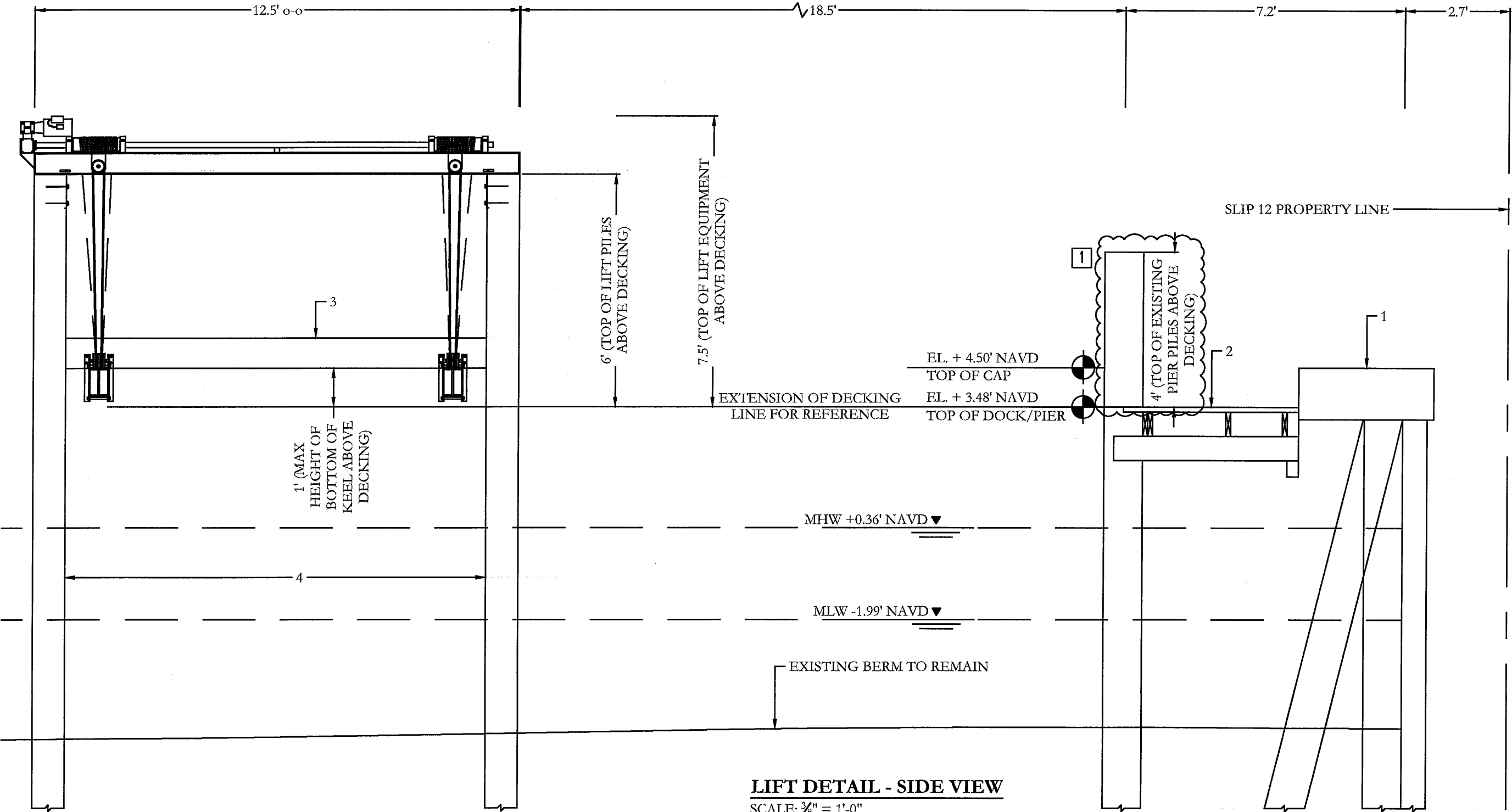
SCALE: AS SHOWN

DATE: 2/27/2024

JOB No: 19-2165

SHT-3

3 of 4



LIFT DETAIL - SIDE VIEW
SCALE: 3/8" = 1'-0"

4/25/24 Corrections per City comments- Added scale to Existing & Proposed Conditions; Added height of superstructure above decking to Lift Detail - End View; Added height of existing pier piles above decking to both Lift Details

GENERAL NOTES:

- 1. Construction to follow the Florida Building Code 8th Edition (2023) and 2020 NEC and amendments as applicable and all Local, State and Federal Laws.
- 2. Licensed contractor shall verify the existing conditions prior to the commencement of the work. Any conflicts or omissions between existing conditions or the various elements of the working drawing shall be brought to the attention of the Engineer prior to the commencement of the work. The Licensed Contractor and all subcontractors are responsible for all lines, elevations, and measurements in connection with their work.
- 3. Do not scale drawings for dimensions.
- 4. Any deviation and/or substitution from the information provided herein shall be submitted to the Engineer for approval prior to commencement of work.
- 5. All unanticipated or unforeseen demolition and/or new construction conditions which require deviation from the plans and notes herein shall be reported to the Engineer prior to commencement of work.
- 6. All new work and/or materials shall conform to all requirements of each administrative body having jurisdiction in each appertaining circumstance.
- 7. All new materials and/or patchwork shall be provided to match existing materials and/or adjoining work where practical except as specifically noted herein.
- 8. Licensed Contractor to shall use all possible care to protect all existing materials, surfaces, and furnishings from damage during all phases of construction.
- 9. Licensed Contractor to verify location of existing utilities prior to commencing work.
- 10. The Licensed contractor to install and remove all shoring and bracing as required for the proper execution of the work.
- 11. Licensed Contractor to obtain all permits as necessary from all Local, State, and Federal agencies.
- 12. Turbidity barriers to be marked with site contractor's company name using permanent markings no smaller than 3 inches in height on the top of the barrier.

CONCRETE NOTES: (IF CONCRETE STRUCTURES ARE INSTALLED)

- 1. Concrete shall conform to ACI 318-14 and shall be regular weight, sulfate resistant, with a design strength of 5000 psi at 28 days with a maximum water-cementitious materials ratio, by weight aggregate concrete of 0.40.
- 2. Owner shall employ and pay for testing services from an independent testing laboratory for concrete sampling and testing in accordance with ASTM.
- 3. Licensed contractor is responsible for the adequacy of forms and shoring and for safe practice in their use and removal.
- 4. Concrete cover shall be 3" unless otherwise noted on the approved drawings.
- 5. Reinforcing steel shall be in conformance with the latest version of ASTM A615 Grade 60 specifications. All reinforcement shall be placed in accordance with ACI 315 and ACI Manual of Standard Practice.
- 6. Splices in reinforcing bars shall be not be less than 48 bar diameters and reinforcing shall be continuous around all corners and changes in direction. Continuity shall be provided at corners or changes in direction by bending the longitudinal steel around the corner 48 bar diameters.
- 7. Defective, cracked or loose concrete areas must be cut out, the rebar must be cleaned, coated with zinc and repaired with at least 3" of epoxy-concrete mix or gunnite concrete with sulfate-resistant cement.
- 8. For cap overpours, dowel and epoxy #5 bars or L-bars into top and/or front of existing cap, staggered @ 24" o.c., min. 4" embedment.

SHORING NOTE: (IF EXISTING SEAWALL IS TO BE REMOVED AND REPLACED)

- 1. Contractor of record and permit holder responsible for all shoring. Until provisions for permanent support have been made, all excavations shall be properly guarded and protected so as to prevent them from becoming dangerous to life and property and shall be sheet piled, braced and/or shored, where necessary, to prevent the adjoining earth from caving in; such protection to be provided by the person causing the excavation to be made. All excavations shall comply with the minimum requirements of the Florida Building Code, and Florida Statute 553.60, "Trench Safety Act," and 29-cfr1926-650 (p) "Occupational Safety and Health Administration Excavation Safety Act."

PILE DRIVING: (IF PILES NEW ARE INSTALLED)

- 1. Piles shall be driven using an approved cushion block consisting of material so arranged so as to provide the transmission of hammer energy.
- 2. Piles shall be driven to a minimum allowable bearing capacity of 10 tons for wood, and 25 tons for concrete, and 5 tons for pin piles, a minimum of 8' into berm or refusal.
- 3. Piles shall be driven with a drop hammer or gravity hammer provided the hammer shall weight no less than 3,000 pounds, and the fall of the hammer shall not exceed 6'.
- 4. Piles shall be driven with a variation of not more than 1/4 inch per foot from the vertical, or from the batter line indicated, with a maximum variation of the head of the pile from the position shown on the plans of not more than three inches.
- 5. Where piling must penetrate strata offering high resistance to driving, the structural engineer of record or special inspector may require that the piles be set in pre-drilled or punched holes. The piles shall reach their final penetration by driving.

CONCRETE PILE NOTES: (IF CONCRETE PILES ARE INSTALLED)

- 1. Concrete piles shall attain 5000 psi compressive strength in 28 days.
- 2. Concrete piles shall be reinforced with four - 7/16"Ø lo-lax strands, 270 kips, and 5 ga. spiral ties.
- 3. Concrete piles shall be 12"x12" square, minimum length of 20'.
- 4. Concrete piles shall be cut to leave strands exposed a min. of 18" and tied to dock or cap steel.
- 5. For all prestressed pilings, extend pilings strands a min. of 18" into cap/dock slab steel or cut strands even w/ top of pilings & dowel & epoxy (2) #5 L-bars, 12" long w/ 12" bend, into top of pilings, w/ a min. of 4" embedment.
- 6. New batter and vertical pilings and panels to have a minimum 4" penetration into the new cap form. New dock pilings to have a minimum 3" penetration into the new dock slab form.

WOOD PILES NOTES: (IF WOOD PILES ARE INSTALLED)

- 1. Wood piles to be 2.5lb CCA treated in accordance with AWPA Standard C18.
- 2. Wood piles shall be a minimum diameter of 10"; Miami Dade County requires minimum diameter of 12".

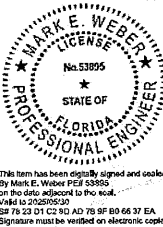
WOOD DOCK/PIER NOTES: (IF WOOD STRUCTURES ARE INSTALLED)

- 1. All materials to be pressure treated pine unless otherwise noted.
- 2. All frame work materials to be Southern Yellow Pine Grade #1, Fb=1200 PSI and Fv=175 PSI.
- 3. All decking materials to be grade #1 unless otherwise noted.
- 4. All hardware to be Stainless Steel or Galvanized unless otherwise noted.

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BOAT LIFT FOR:

HAMUY RESIDENCE
1017 GRAND COURT
SLIP 12
HIGHLAND BEACH, FL

DATE	NOTES/REVISIONS

SCALE: AS SHOWN
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JOB No: 19-2165

SHT-4
4 of 4