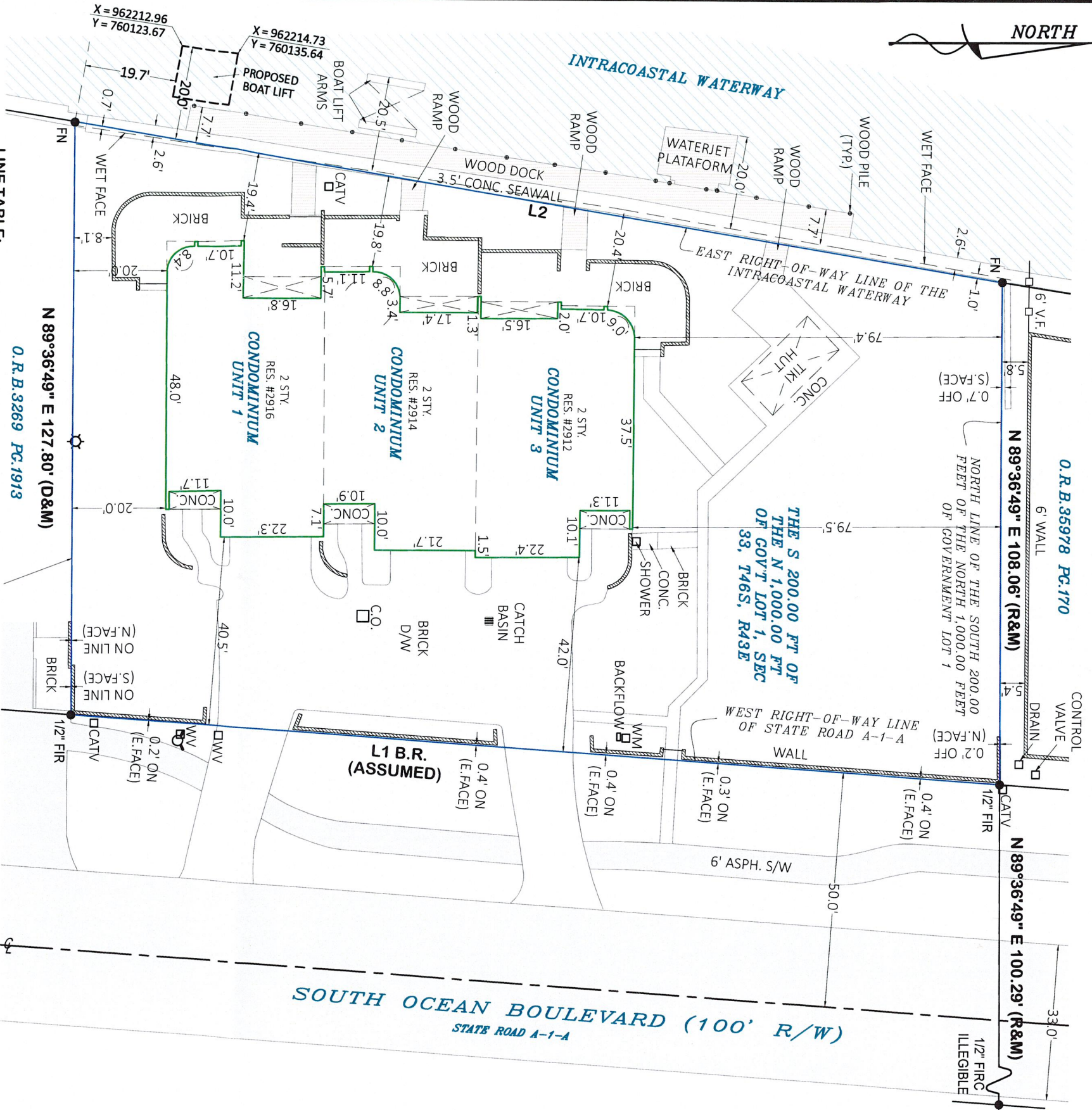


LOCATION SURVEY WITH X&Y COORDINATES



LINE TABLE:
L1 S 03°59'11\" W 200.58' (R&M)
L2 S 09°32'59\" W 203.05' (C&M)

SOUTH LINE OF THE SOUTH 200.00 FEET OF THE NORTH 1,000.00 FEET OF GOVERNMENT LOT 1

HORIZONTAL ACCURACY & METHOD: HORIZONTAL CONTROL WAS ESTABLISHED USING RTK GNSS (FPRN) AND CONVENTIONAL TOTAL-STATION OBSERVATIONS. EXPECTED HORIZONTAL ACCURACY, CONSIDERING TYPICAL FIELD OBSTRUCTIONS AND IRREGULAR SURFACES, IS ±0.05-0.10 FT.
HORIZONTAL DATUM: NAD83 (2011), STATE PLANE COORDINATE SYSTEM, FLORIDA EAST ZONE (0901), U.S. SURVEY FEET.



LEGEND:

A/C	AIR CONDITIONING	P.C.C.	POINT OF COMPOUND CURVATURE
B.R.	BEARING REFERENCE	P.C.P.	PERMANENT CONTROL POINT
B/LDG.	BUILDING	P/E	POOL EQUIPMENT
(C)	CALCULATED	P/G	PAGE
C	CURVE	P.I.	POINT OF INTERSECTION
C.L.F.	CHAIN LINK FENCE	P.O.B.	POINT OF BEGINNING
C/L	CENTER LINE	P.O.C.	POINT OF COMMENCEMENT
(D)	DEED	P.R.C.	POINT OF REVERSE CURVATURE
FCM	FOUND CONCRETE MONUMENT	P.R.M.	PERMANENT REFERENCE MONUMENT
F/DH	FOUND DRILL HOLE	PSM	PROFESSIONAL SURVEYOR AND MAPPER
F.F.	FINISHED FLOOR	(R)	RECORD
F/P	FOUND IRON PIPE	R/G	RANGE
F/P	FOUND IRON PIPE & CAP	R/W	RIGHT OF WAY
F/R	FOUND IRON ROD	SEC.	SECTION
FN	FOUND IRON ROD & CAP	SIRC	SET IRON ROD & CAP
FND	FOUND NAIL AND DISC	S/N&D	SET NAIL AND DISC
L	LENGTH	TYP.	TYPICAL
LB	LICENSED BUSINESS	UB	UTILITY BOX
LS	LICENSED SURVEYOR	WM	WATER METER
(M)	MEASURED	C/M	CANAL MAINTENANCE EASEMENT
OHL	OUTSIDE OF SUBJECT PARCEL	D/E	DRAINAGE EASEMENT
ON	INSIDE OF SUBJECT PARCEL	I/E/E	INGRESS/EGRESS EASEMENT
O.R.B.	OFFICIAL RECORD BOOK	L/M	LAKE MAINTENANCE EASEMENT
(P)	PLAT	P/U	PUBLIC UTILITY EASEMENT
P.B.	PLAT BOOK	U/E	UTILITY EASEMENT
P.C.	POINT OF CURVATURE	U/L	UTILITY/LIGHT POLE
			FIRE HYDRANT

GENERAL SURVEYOR NOTES:

1. THE LEGAL DESCRIPTION WAS PROVIDED BY OTHERS. THIS SURVEY DOES NOT DETERMINE OR IMPLY OWNERSHIP.
2. THIS SURVEY ONLY SHOWS IMPROVEMENTS FOUND ABOVE GROUND. UNDERGROUND FOOTINGS, UTILITIES AND ENCROACHMENTS ARE NOT LOCATED UNLESS OTHERWISE NOTED.
3. THIS SURVEY IS EXCLUSIVELY FOR THE USE OF THE PARTIES TO WHOM IT IS CERTIFIED.
4. DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
5. DUE TO VARYING CONSTRUCTION STANDARDS, BUILDING DIMENSIONS ARE APPROXIMATE.
6. ANY FEMA FLOOD ZONE DATA CONTAINED ON THIS SURVEY IS FOR INFORMATIONAL PURPOSES ONLY. THE SIGNING SURVEYOR TO DETERMINE WHICH INSTRUMENTS, IF ANY, ARE AFFECTING THIS PROPERTY.
7. UNLESS OTHERWISE NOTED, AN EXAMINATION OF THE ABSTRACT OF TITLE WAS NOT PERFORMED BY THE SIGNING SURVEYOR TO DETERMINE WHICH INSTRUMENTS, IF ANY, ARE AFFECTING THIS PROPERTY.
8. UTILITIES SHOWN ON THE SUBJECT PROPERTY MAY OR MAY NOT INDICATE THE EXISTENCE OF RECORDED OR UNRECORDED UTILITY EASEMENTS.
9. THIS BOUNDARY SURVEY IS SUBJECT TO EASEMENTS, RIGHTS-OF-WAY AND OTHER MATTERS THAT MIGHT BE REFLECTED BY A SEARCH OF TITLE.

LEGAL DESCRIPTION:

THE SOUTH 200.00 FEET OF THE NORTH 1,000.00 FEET OF GOVERNMENT LOT 1 IN SECTION 33, TOWNSHIP 46 SOUTH, RANGE 43 EAST, PALM BEACH COUNTY, FLORIDA, LYING EAST OF THE EAST RIGHT-OF-WAY LINE OF THE INTRACOASTAL WATERWAY AND WEST OF THE WEST RIGHT-OF-WAY LINE OF STATE ROAD A-1-A.

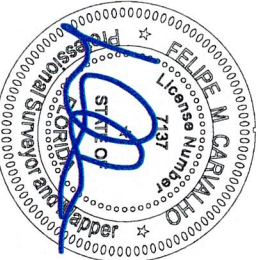
FIELD WORK DATE: 3/23/2026
DRAWING DATE: 03/24/2026
REVISION DATE(S): 03/24/2026, 04/17/2026

FLOOD ZONE:
BY PERFORMING A SEARCH WITH WWW.FEMA.GOV, THE PROPERTY APPEARS TO BE LOCATED IN ZONE AE (WITH A BASE FLOOD ELEVATION OF 7'), COMMUNITY NUMBER 125111, DATED 12-20-24

RECEIVED

PREPARED FOR:
READER ELAINE S
READER PERRY J &

HIGHLAND BEACH
BUILDING DEPARTMENT



Digitally signed by Felipe Carvalho

G.T.T. Surveyors
& Mappers, Inc.
6224 Mohawk terrace (754)303-7703
Margate, FL 33063
gtt@geotopteam.com

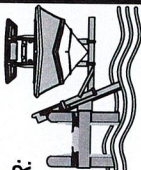
RECEIVED

JUL 16 2026

HIGHLAND BEACH
BUILDING DEPARTMENT

TUMAY CONSULTING ENGINEERS INC.
HIKMET TUMAY, P.E.
Email: tumayce@aol.com Delray
Beach, FL 33484 Ph: (954) 520
5056 STATE OF FLORIDA #
50109 16405 Via Venetia West

PREPARED FOR:
**BOATLIFTS & DOCKS
OF SOUTH FLORIDA**
988 N.W. 31ST. AVENUE
POMPANO BEACH, FL 33069
954-971-0811 SCC131152208



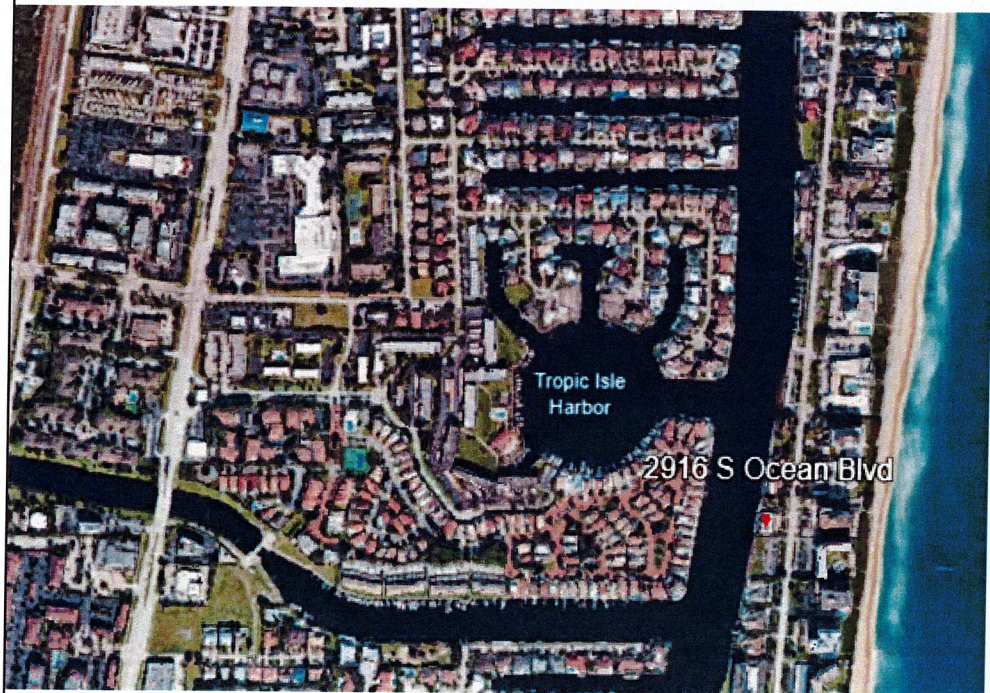
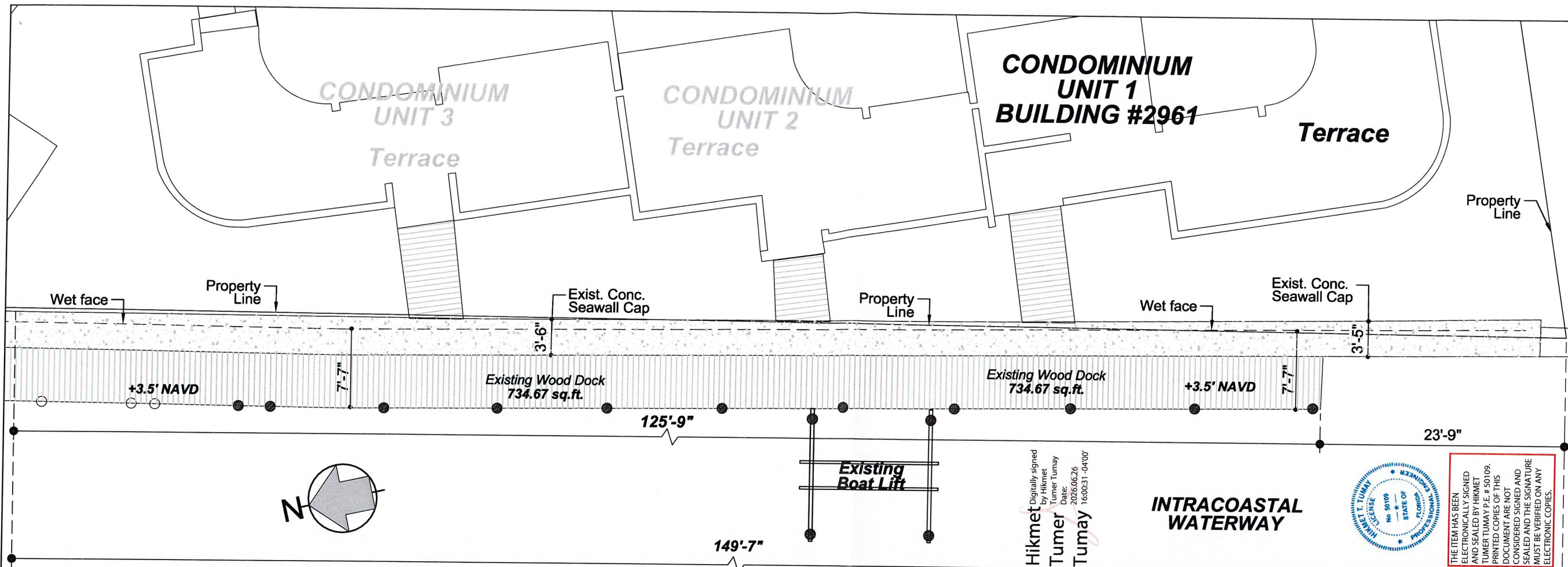
Boat Lift & Boarding Platform FOR:
**READER
RESIDENCE**
2916 S OCEAN BLVD
HIGHLAND BEACH

NOTES/REVISIONS

DATE

Drawn by: **MM**
Checked by: **NS**
Date: **06/22/2026**
Job No.: **26-004**

EC



EXISTING CONDITION

SCALE: 1"=10'

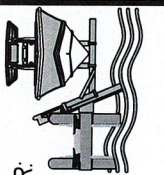
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JUL 16 2026

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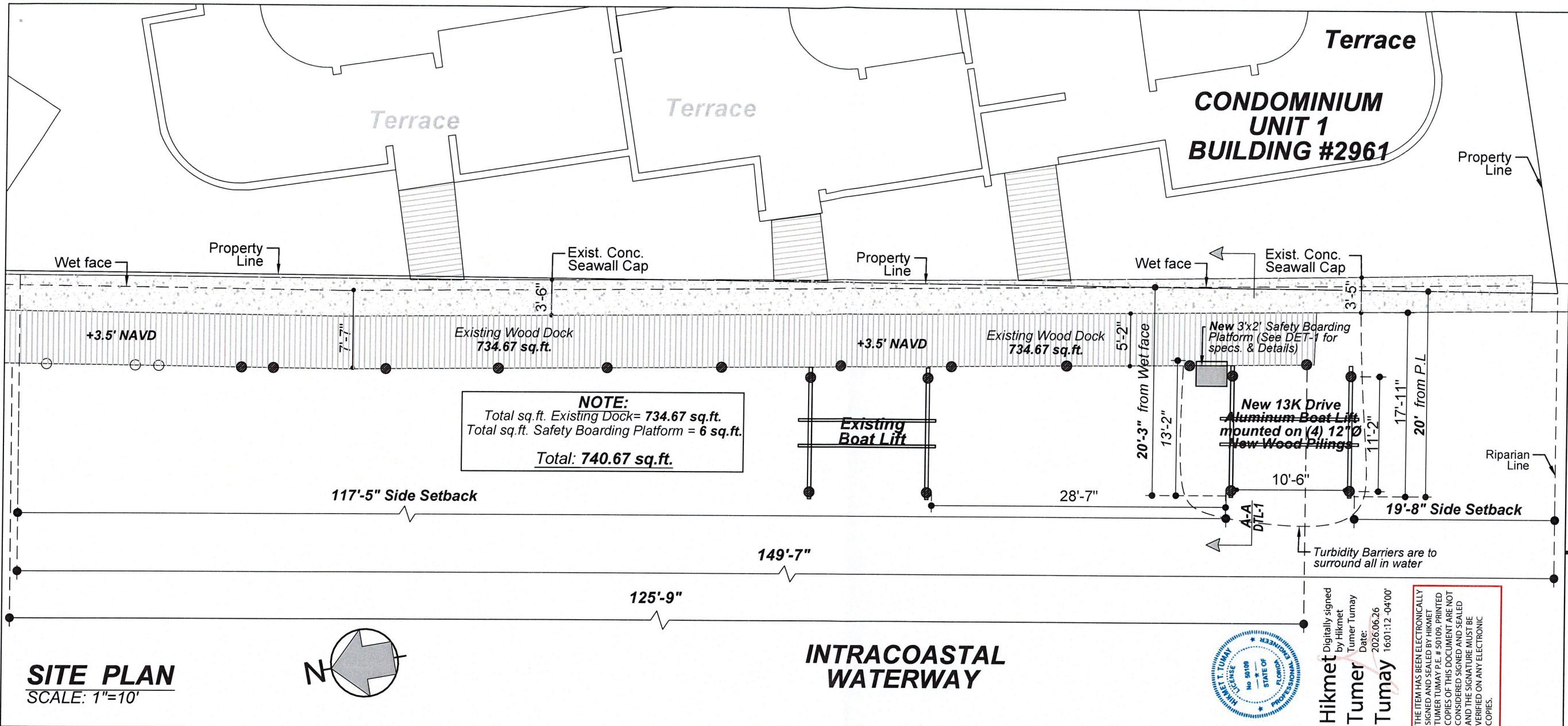
Boat Lift & Boarding Platform FOR:

**READER
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2916 S OCEAN BLVD
HIGHLAND BEACH

NOTES/REVISIONS

DATE: _____
Drawn by: **MM**
Checked by: **NS**
Date: **06/22/2026**
Job No.: **26-004**

SP



General Notes:

1. Proposed "Neptune 13,000lb Direct Drive Aluminum 4-Post Boat Lift with standard bunks, mounted on (4) New 12" Ø Wood Piles & 3' x 2' Aluminum boarding platform with railing .
2. For all prestressed piles, extend pilings strands a min. of 18" into cap/dock steel or cut strands even top of pile & dowel/epoxy (2) #5 L-bars 12" w/ 6" min embedment.
3. All hardware to be galvanized or stainless steel.
4. Turbidity barriers are to surround all in water construction areas during piling and/or panel installation activities.
5. Elevations shown are based on the North American Vertical Datum of 1988.
6. Design in accordance with 2023 8th Edition of the Florida Building Code.
7. Construction methods, procedures, and sequences are the responsibility of the Contractor. The Contractor shall take the necessary means to maintain and protect the structural integrity and serviceability of the construction at all times.
8. Any discrepancies found for any circumstance between the structural plans and the existing conditions found on site and/or any conditions that were omitted on the plans will be the responsibility of the Contractor to immediately bring to the attention of the Engineer of Record.

9. Existing conditions are unknown, therefore, worst case conditions have been approximated. all exist. conditions are assumed and must be confirmed by the Contractor after permitting.
10. Engineer's Limitations of Responsibility: The Engineer shall not be responsible for the quality or composition of materials, fabrications, construction inspection, supervision, or review, special inspection, or the quality and correctness of construction unless the appropriate submissions, reports, approvals, inspections, site visit, construction review, or special inspections are performed by the Engineer or his representative as required herein, and then only such responsibility as is associated with the specific work performed as is commonly assigned a structural engineer in relation to other engineering and construction disciplines associated with the project.
11. The Engineer shall not be responsible for site and construction safety and/or the safety of construction workers. Site and construction safety is the responsibility of the Contractor. The Contractor shall be responsible for the safety of his employees and the safety of the employee of all subcontractors to the project.
12. Engineer's Statement of Compliance: To the best of the Engineer's knowledge, the structural plans and specifications presented herein comply with the applicable minimum building codes, standards, and practices.

RECEIVED

JUL 16 2026

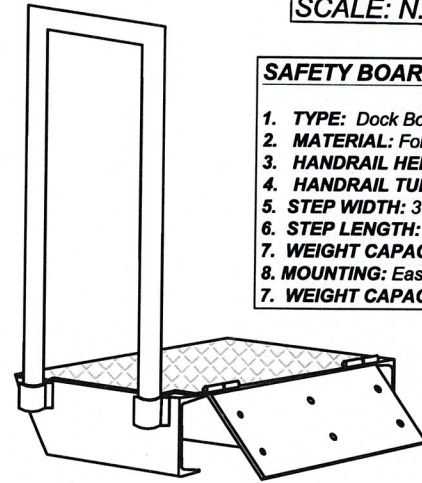
HIGHLAND BEACH
BUILDING DEPARTMENT

SAFETY BOARDING PLATFORM

SCALE: N.T.S

SAFETY BOARDING PLATFORM NOTES:

1. **TYPE:** Dock Boarding Platform with Handrail (Folds out of the way when not in use)
2. **MATERIAL:** Folding anodized aluminum construction, rust- and corrosion-resistant
3. **HANDRAIL HEIGHT:** 36" (removable safety handrail)
4. **HANDRAIL TUBING DIAMETER:** 1.75"
5. **STEP WIDTH:** 36" (Textured tread plate for slip-resistance)
6. **STEP LENGTH:** 24" (Textured tread plate for slip-resistance)
7. **WEIGHT CAPACITY:** 400 LBS
8. **MOUNTING:** Easily Bolts to Dock, 6" x 3/8"Ø Bolts (standard hardware required)
7. **WEIGHT CAPACITY:** 400 LBS



Environmental Note:

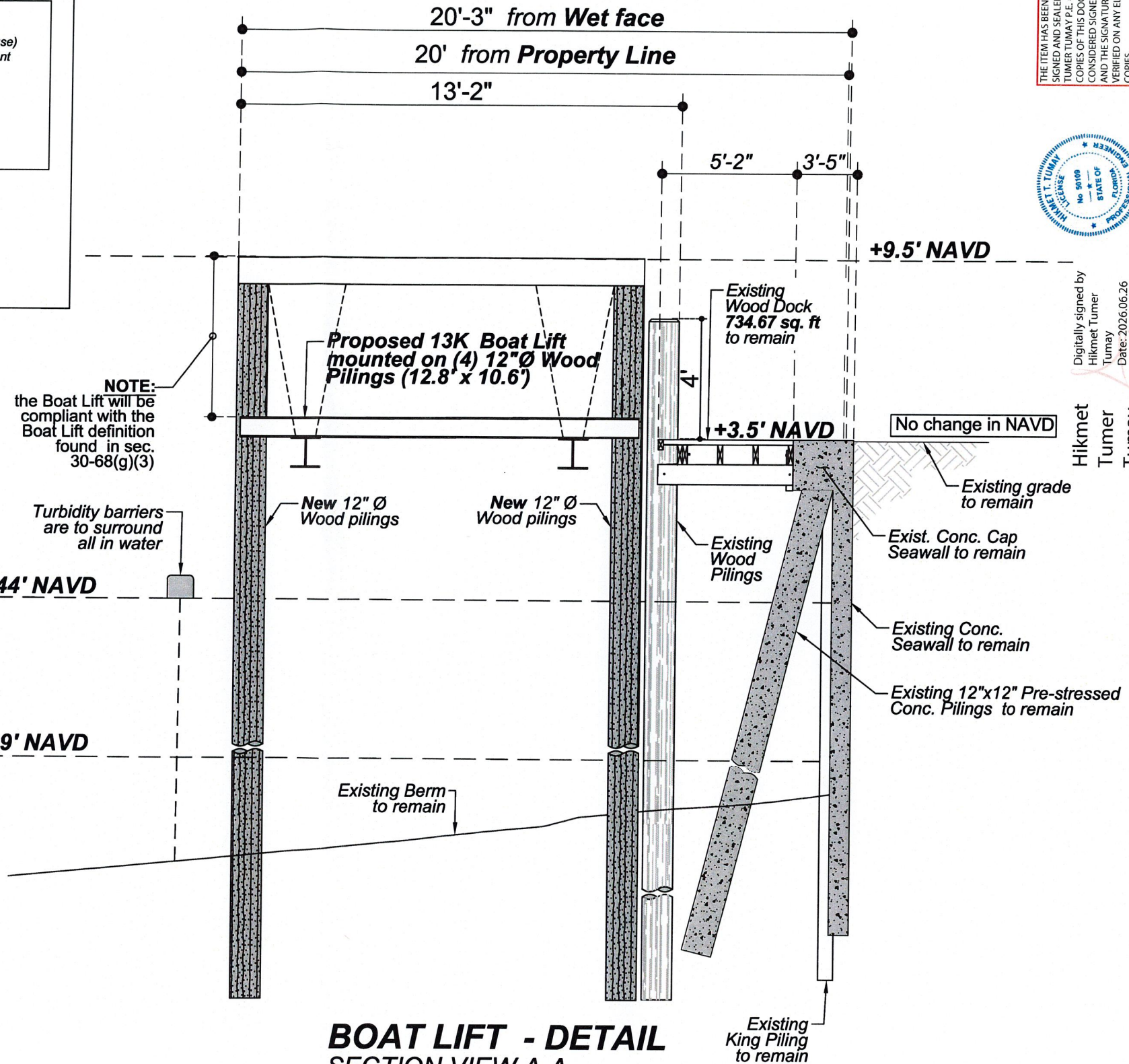
1. All pilings shall be jetted onto sufficient depth over the seabed free of any seagrass (crew shall physically dive and verify the placement and jetted the piling into the bed).
2. Turbidity barrier is to be placed surrounding the proposed work to minimize the sediment dispersion in the area to protect the existing seagrass in the area.

NOTE:

By Hurricane Boat Lifts. all Work be done according w/ NFPA ART. (555-4), (555-7) (555-9) & NFPA 307 (2021).

BOAT LIFT - SAFETY BOARDING PLATFORM -DETAILS

SCALE: AS SHOWN



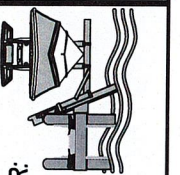
THE ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY HIKMET TUMAY P.E. #50109. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.



Digitally signed by Hikmet Tumay
Date: 2026.06.26 16:01:53 -0400

TUMAY CONSULTING ENGINEERS INC.
HIKMET TUMAY P.E.
Email: tumayce@aol.com Delray Beach, FL 33484 Ph: (954) 520 5056 STATE OF FLORIDA # 50109 16405 Via Venetia West

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Job No.: 26-004

DET-1

BOAT LIFT - DETAIL SECTION VIEW A-A

SCALE: 1/4"=1'-0"