

LEGEND

A/C = AIR CONDITIONER
C.B.S. = CONCRETE BLOCK STRUCTURE
C = CALCULATED
CH = CHORD
CL = CENTERLINE
C/S = CONCRETE SLAB
CONC. = CONCRETE
D.E. = DRAINAGE EASEMENT
Δ = DELTA (CENTRAL ANGLE)
EL., ELEV. = ELEVATION
F.F. = FINISHED FLOOR
F.I.P. = FOUND IRON PIPE
F.I.R. = FOUND IRON ROD
L = ARC LENGTH
L.B. = LICENSED SURVEY BUSINESS
LS = LICENSED SURVEYOR
M = MEASURED
NO I.D. = NO IDENTIFICATION
N/A = NOT APPLICABLE

P = PLAT
P.B.C. = PALM BEACH COUNTY
P.B. = PLAT BOOK
P.C. = POINT OF CURVATURE
P.K. = PARKER KALON COMPANY
D= DEED
0.00'x= SPOT ELEVATION
P.R.C. = POINT OF REVERSE CURVATURE
PG. = PAGE
R = RADIUS
R/W = RIGHT OF WAY
U.E. = UTILITY EASEMENT
C.L.F.= CHAINLINK FENCE
P.S.M. = PROFESSIONAL SURVEYOR AND MAPPER
NAVD'88 = NORTH AMERICAN VERTICAL DATUM OF 1988
NGVD'29 = NATIONAL GEODETIC VERTICAL DATUM OF 1929
ISAOA = ITS SUCCESSORS AND/OR ASSIGNS
ATIMA = AS THEIR INTEREST MAY APPEAR

LEGAL DESCRIPTION

A PARCEL OF LAND LYING IN SECTION 4, TOWNSHIP 47 SOUTH, RANGE 43 EAST, CITY OF HIGHLAND BEACH, PALM BEACH COUNTY, FLORIDA, BEING A PORTION OF LOT 15, BLOCK 2, BEL LIDO, AS RECORDED IN PLAT BOOK 25, AT PAGE 97, OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA, SAID PARCEL BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 15; THENCE NORTHEASTERLY ALONG THE WESTERLY LINE OF LOT 15, A DISTANCE OF 110.41 FEET TO A POINT; THENCE SOUTHEASTERLY, AT RIGHT ANGLES TO THE PRECEDING COURSE, A DISTANCE OF 63.39 FEET TO A POINT; THENCE SOUTHWESTERLY AT RIGHT ANGLES TO THE PRECEDING COURSE, A DISTANCE OF 0.37 FEET TO A POINT; THENCE SOUTHEASTERLY AT RIGHT ANGLES TO THE PRECEDING COURSE, A DISTANCE OF 13.20 FEET TO A POINT; THENCE EASTERLY WITH A DEFLECTION OF 23°19'10" TO THE LEFT, A DISTANCE OF 29.05 FEET RADIAL TO A POINT LYING ON THE FRONT ARC OF LOT 15; THENCE SOUTHERLY ALONG SAID FRONT ARC OF LOT 15, CONCAVE TO THE EAST, HAVING A RADIUS OF 40.00 FEET, AN ARC LENGTH OF 14.76 FEET TO THE SOUTHEAST CORNER OF LOT 15; THENCE SOUTHWESTERLY ALONG THE SOUTHEASTERLY LINE OF LOT 15, A DISTANCE OF 156.14 FEET, MORE OR LESS, TO THE POINT OF BEGINNING.
TOGETHER WITH AN EASEMENT FOR INGRESS AND EGRESS, BEING DESCRIBED AS FOLLOWS:
COMMENCING AT THE SOUTHWEST CORNER OF SAID LOT 15; THENCE NORTHEASTERLY ALONG THE SOUTHEASTERLY LINE OF LOT 15, A DISTANCE OF 88.81 FEET TO THE POINT OF BEGINNING; THENCE NORTHEASTERLY ALONG A LINE PARALLEL TO AND 63.30 FEET (MEASURED AT RIGHT ANGLES) FROM THE WESTERLY LINE OF LOT 15, A DISTANCE OF 47.84 FEET TO A POINT; THENCE SOUTHEASTERLY AT RIGHT ANGLES TO THE PRECEDING COURSE, A DISTANCE OF 13.20 FEET TO A POINT; THENCE EASTERLY WITH A DEFLECTION OF 23°19'10" TO THE LEFT, A DISTANCE OF 29.05 FEET, RADIAL TO A POINT LYING ON THE FRONT ARC OF LOT 15; THENCE SOUTHERLY ALONG SAID FRONT ARC OF LOT 15, CONCAVE TO THE EAST HAVING A RADIUS OF 40.00 FEET, AND ARC LENGTH OF 14.75 FEET TO THE SOUTHEAST CORNER OF LOT 15; THENCE SOUTHWESTERLY ALONG THE SOUTHEASTLY LINE OF LOT 15, A DISTANCE OF 67.33 FEET; MORE OR LESS, TO THE POINT OF BEGINNING.
TOGETHER WITH AN EASEMENT FOR INGRESS AND EGRESS, BEING A PORTION OF LOT 15, BLOCK 2, BEL LIDO, AS RECORDED IN PLAT BOOK 25 AT PAGE 97, OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
COMMENCING AT THE SOUTHWEST CORNER OF SAID LOT 15; THENCE NORTHEASTERLY ALONG THE WESTERLY LINE OF LOT 15, A DISTANCE OF 173.26 FEET TO THE NORTHERNMOST CORNER OF LOT 15; THENCE SOUTHEASTERLY ALONG THE NORTHEASTERLY LINE OF LOT 15, A DISTANCE OF 79.07 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING ALONG THE PRECEDING COURSE A DISTANCE OF 25.46 FEET TO THE NORTHEAST CORNER OF LOT 15; THENCE SOUTHEASTERLY ALONG THE FRONT ARC OF LOT 15, CONCAVE TO THE EAST HAVING A RADIUS OF 40.00 FEET, AN ARC LENGTH OF 26.11 FEET TO A POINT; THENCE WESTERLY, RADIAL TO THE PRECEDING ARC, A DISTANCE OF 29.05 FEET TO A POINT; THENCE NORTHEASTERLY, ALONG A LINE LYING PARALLEL TO AND 76.59 FEET (MEASURED AT RIGHT ANGLES) FROM THE WESTERLY LINE OF LOT 15, A DISTANCE OF 43.59 FEET, MORE OR LESS, TO THE POINT OF BEGINNING.

CERTIFIED TO:

DAVID C. JOSEPH, JR. AS TO HIS LIFE ESTATE AND
THE DAVID C. JOSEPH, JR, REVOCABLE LIVING TRUST, DATED SEPTEMBER 2, 2021

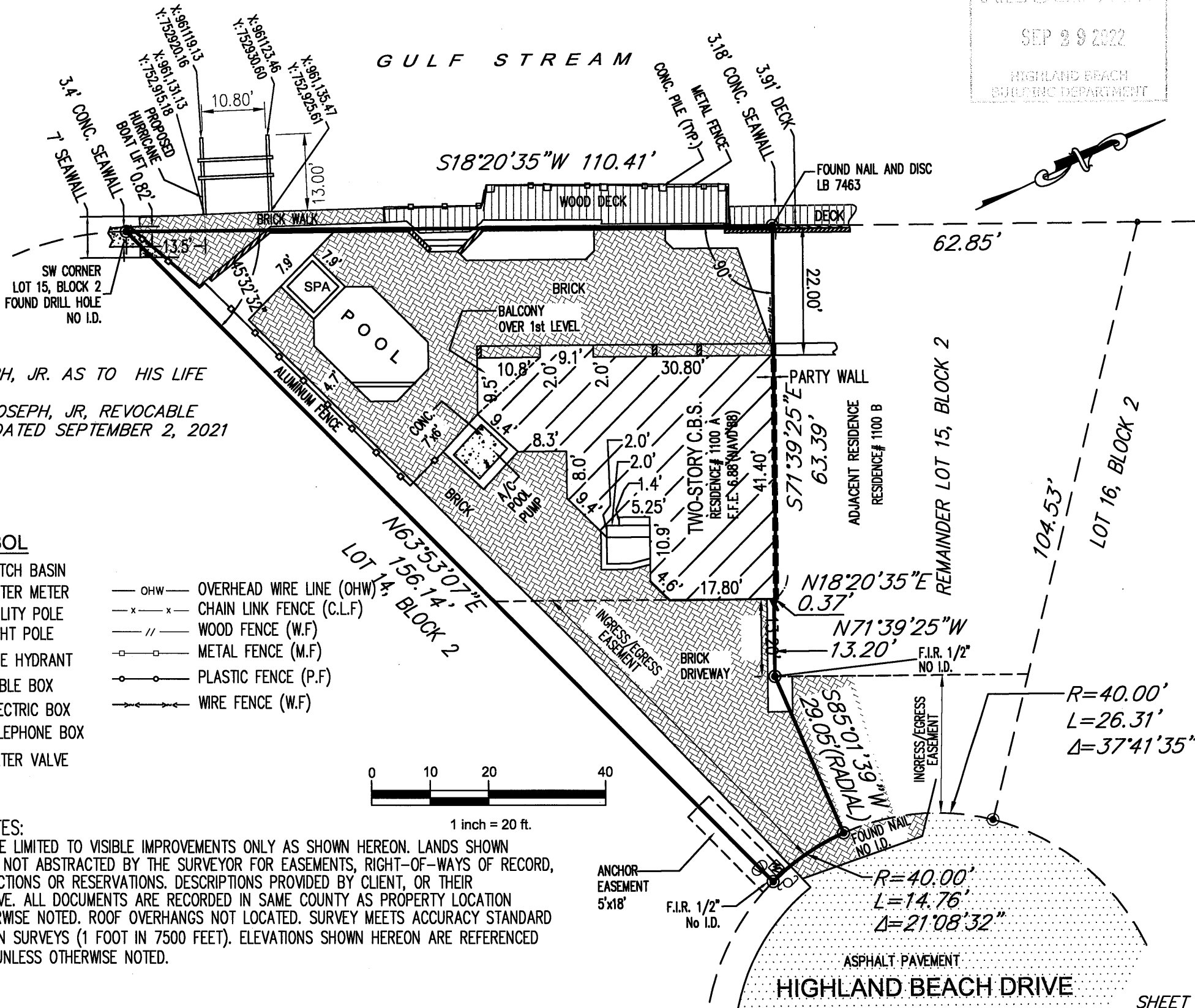
SYMBOL


- ☐ CATCH BASIN
⊙ WATER METER
○ UTILITY POLE
⊙ LIGHT POLE
⊙ FIRE HYDRANT
⊙ CABLE BOX
⊙ ELECTRIC BOX
⊙ TELEPHONE BOX
⊙ WATER VALVE

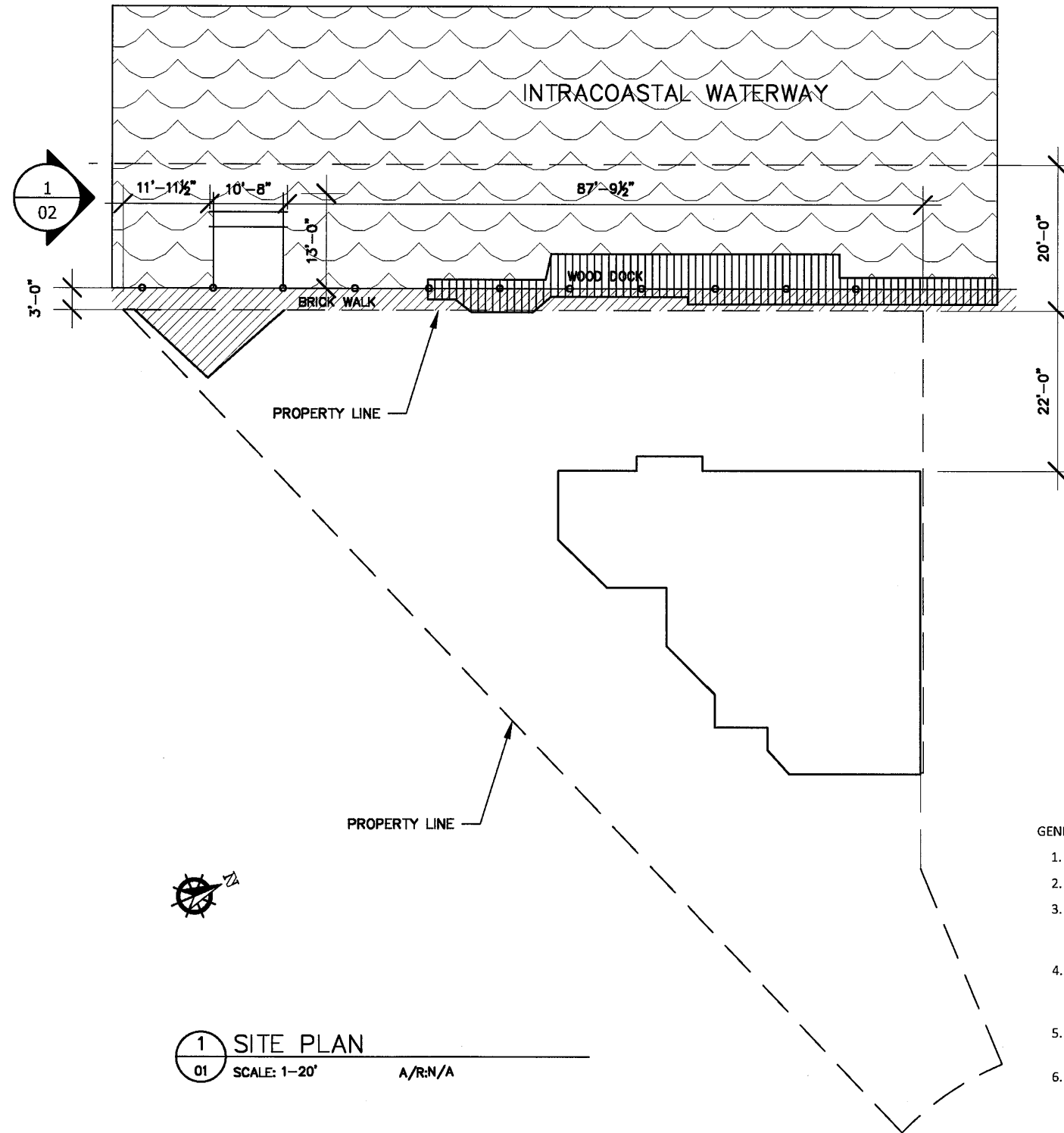
- OHW — OVERHEAD WIRE LINE (OHW)
— x — x — CHAIN LINK FENCE (C.L.F.)
— // — WOOD FENCE (W.F.)
— □ — METAL FENCE (M.F.)
— ○ — PLASTIC FENCE (P.F.)
— <—> — WIRE FENCE (W.F.)

SURVEY NOTES:

LOCATIONS ARE LIMITED TO VISIBLE IMPROVEMENTS ONLY AS SHOWN HEREON. LANDS SHOWN HEREON WERE NOT ABSTRACTED BY THE SURVEYOR FOR EASEMENTS, RIGHT-OF-WAYS OF RECORD, OTHER RESTRICTIONS OR RESERVATIONS. DESCRIPTIONS PROVIDED BY CLIENT, OR THEIR REPRESENTATIVE. ALL DOCUMENTS ARE RECORDED IN SAME COUNTY AS PROPERTY LOCATION UNLESS OTHERWISE NOTED. ROOF OVERHANGS NOT LOCATED. SURVEY MEETS ACCURACY STANDARD FOR SUBURBAN SURVEYS (1 FOOT IN 7500 FEET). ELEVATIONS SHOWN HEREON ARE REFERENCED TO NAVD'88, UNLESS OTHERWISE NOTED.

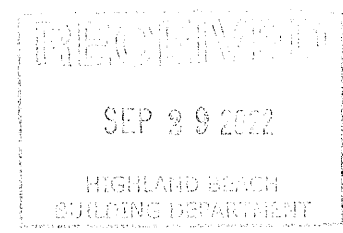


MAP OF BOUNDARY SURVEY			SCALE: 1" = 20'	NOTES/REVISIONS	THIS SURVEY MEETS THE STANDARD OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE.	
COMMUNITY PANEL# 125111 0989 F	FLOOD ZONE: AE	BASE FLOOD EL.: 6.0'(NAVD'88)	DRAWN BY: ELF. CHECKED BY: J.K.			
DATE OF FIRM: 10/5/2017	BASIS OF BEARING: S PROPERTY LINE LOT 15, BLOCK 2, SAID LINE HAVING AN ASSUMED BEARING OF N63°57'07"E.			ADDED COORD.: 08/02/22	Digitally signed by John E Kuhar:A01410D00000178414F171500006D0E DN: c=US, o=BASELINE LAND SURVEY LLC, cn=John E Kuhar:A01410D00000178414F171500006D0E Date: 2022.09.19 09:29:46 -04'00'	BASELINE LAND SURVEY LLC 1400 N.W. 1st COURT BOCA RATON, FLORIDA 33432 (561) 417-0700 LB-8229
PROPERTY ADDRESS: 1100 HIGHLAND BEACH DRIVE, HIGHLAND BEACH, FLORIDA 33487				BOAT LIFT: 01/14/22	Date: 08/02/2022	
				UPDATED: 12/28/21		
				UPDATED : 01/23/20		
				PARTY CHIEF: ERNIE	JOHN E. KUCHAR, PSM, STATE OF FLORIDA PROFESSIONAL SURVEYOR AND MAPPER LS 6711	
				SURVEY DATE: 10/10/11	NOT VALID WITHOUT THE ELECTRONIC SIGNATURE AND THE ORIGINAL SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.	JOB NO.: 11-10-007-UPD



1 SITE PLAN
01 SCALE: 1-20' A/R:N/A

PROJECT DESIGN DATA		12/21/2021
JURISDICTION	Palm Beach County	
CODE	FBC 2020 7th Edition	
PROJECT NAME	New Boat Lift	
PROJECT ADDRESS	1100 Highland Beach Drive, Apt A, Highland Beach, FL 33487	
ENGINEER	Paul Welch Inc.	
RISK CATEGORY	II	
WIND SPEED ASCE 7-16 (3 Sec Gust)	169 MPH	
ASD	138 MPH	
EXPOSURE	D	
MEAN BUILDING HEIGHT	<15'-0"	

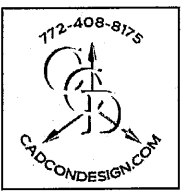


THIS ELECTRONIC SIGNATURE ALONG WITH P.E. SEAL ON EACH SHEET CERTIFIES ALL SHEETS IN THIS FILE.

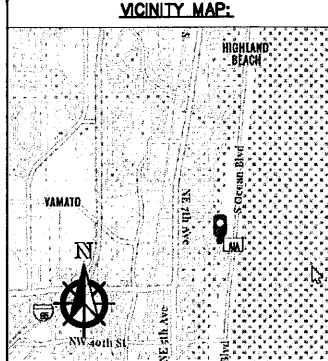
Paul Welch

Digitally signed by Paul Welch
Date: 2022.03.04 12:02:55 -05'00'

- GENERAL NOTES
- ELEVATIONS SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988.
 - DESIGN IN ACCORDANCE WITH 2020 7TH EDITION OF THE FLORIDA BUILDING CODE.
 - 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.
 - 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.
 - EXISTING CONDITIONS ARE UNKNOWN, THEREFORE, WORST CASE CONDITIONS HAVE BEEN APPROXIMATED. ALL EXISTING CONDITIONS ARE ASSUMED AND MUST BE CONFIRMED BY THE CONTRACTOR AFTER PERMITTING.
 - ENGINEERS 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.
 - 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.
 - ENGINEER'S STATEMENT OF COMPLIANCE: TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE STRUCTURE PLANE AND SPECIFICATIONS PRESENTED HEREIN COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES, STANDARDS, AND PRACTICES.

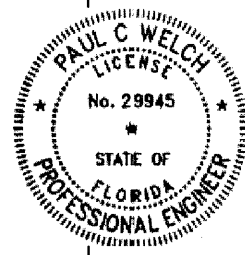


DRAFTING SERVICES
CAD-CON DESIGN LLC
772-408-8175
WWW.CADCONDESIGN.COM
411@CADCONDESIGN.COM



GENERAL NOTES:

PLOT SIZE 11X17 TABLOID



PAUL WELCH INC.
FLORIDA REGISTRATION #29945
MECHANICAL * ELECTRICAL * CIVIL ENGINEERING
1984 S.W. BILTMORE ST., SUITE #114
PORT ST. LUCIE, FL 34984
(772) 785-9888

JOB NAME:
1100 Highland Beach Drive,
Apt A, Highland Beach, FL 33487

DRAWING NAME:
Hurricane Boat Lift
SITE PLAN

CONTRACTOR:

ENGINEER OF RECORD

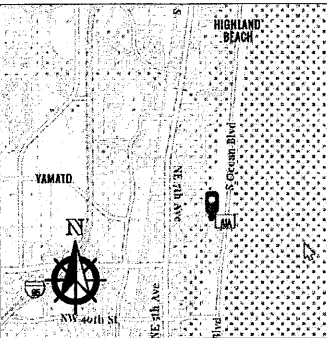
REVISION	DATE
R1	2/2/2022

DRAWN BY: CadConDesign.com	DRAWING NO. 01
DATE DRAWN:	
DATE SUBMITTED:	



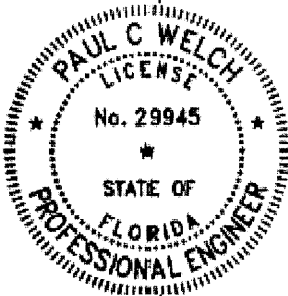
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VICINITY MAP:



GENERAL NOTES:

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PLAN

CONTRACTOR:

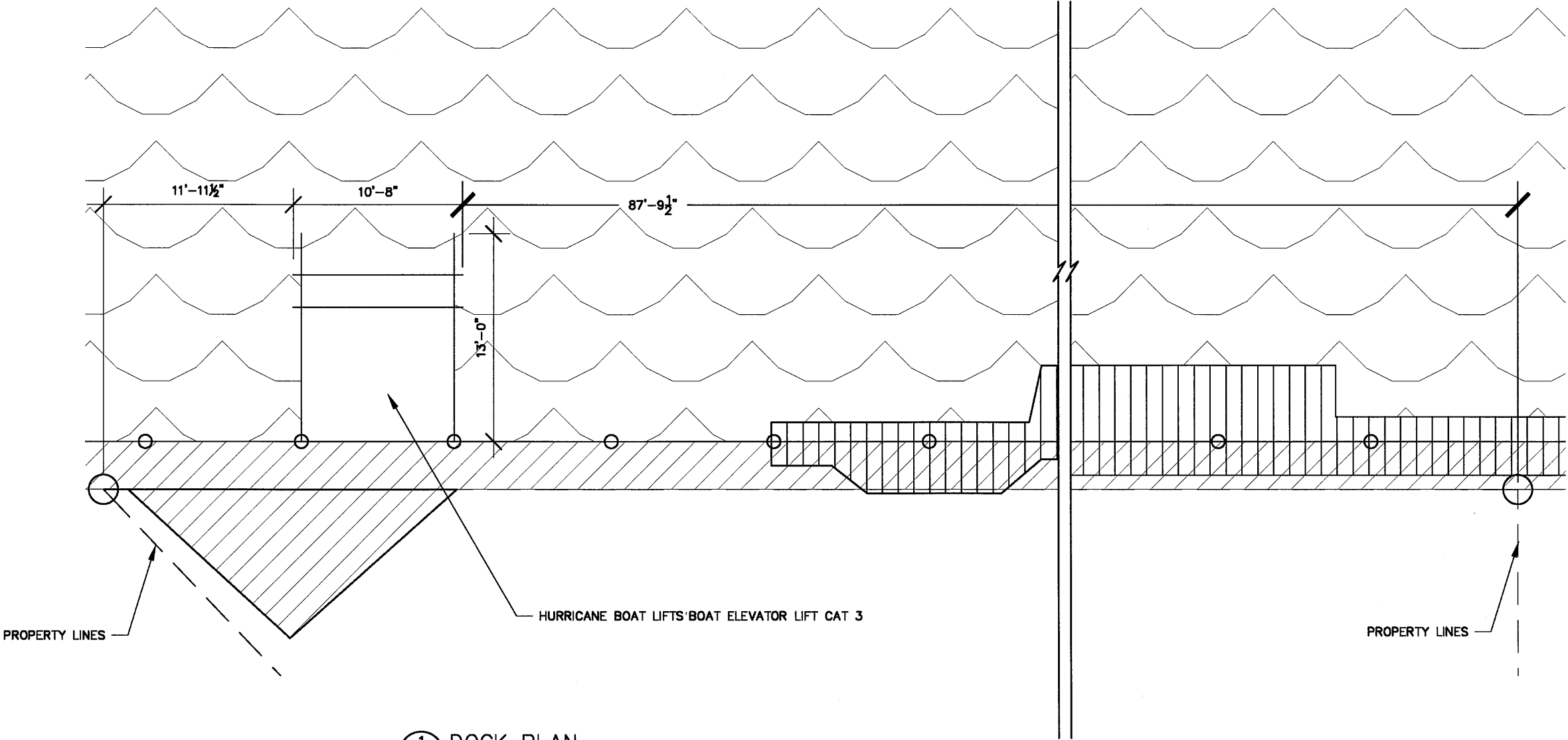
ENGINEER OF RECORD

REVISION	DATE
R1	2/2/2022

DRAWN BY:
CadConDesign.com
DATE DRAWN:
DATE SUBMITTED:

DRAWING NO.

02

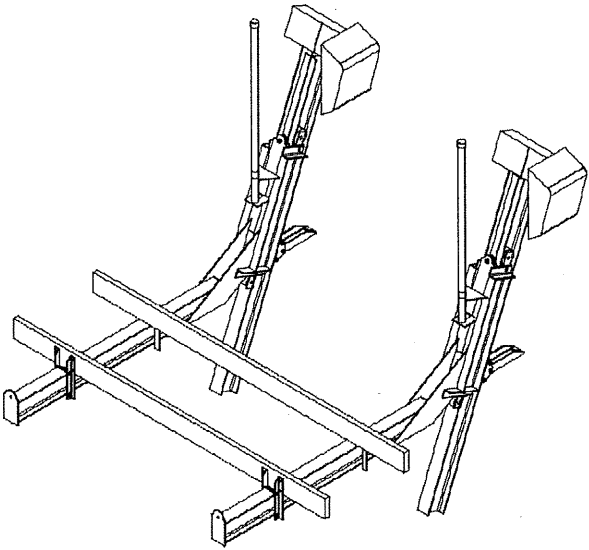


PROPERTY LINES

HURRICANE BOAT LIFTS' BOAT ELEVATOR LIFT CAT 3

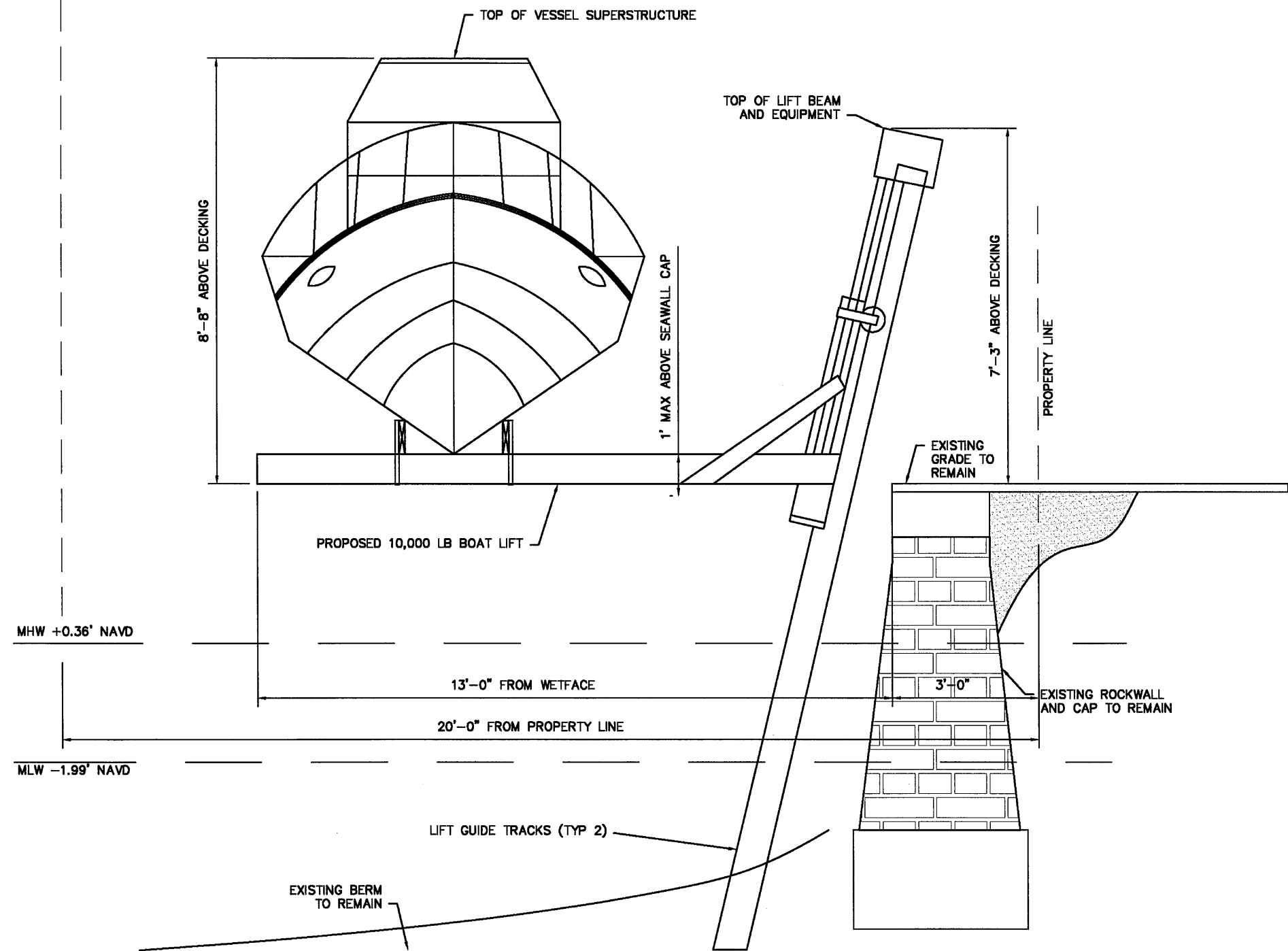
PROPERTY LINES

1 DOCK PLAN
02 SCALE: 1/8"=1'-0" A/R:N/A



Hurricane Boat Lifts' Boat Elevator lift CAT 3

THE BOTTOM OF THE KEEL OF ANY BOAT SHALL NOT BE HOISTED GREATER THAN ONE FOOT ABOVE THE MINIMUM SEAWALL ELEVATION. IN NO CASE SHALL THE LIFT BE HIGHER THAN THE SUPERSTRUCTURE OF THE BOAT WHEN LIFTED. (PER TOWN OF HIGHLAND BEACH CODE OF ORDINANCES, SECTION 30-131, - DEFINITIONS OF TERMS)

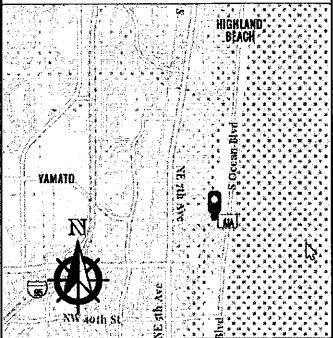


1 DOCK & LIFT SEC
03 SCALE: 3/8" = 1'-0" A/R/N/A



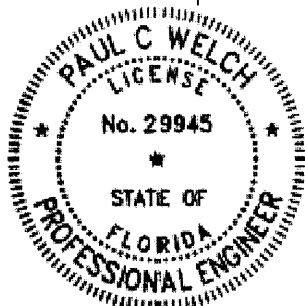
DRAFTING SERVICES
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772-408-8175
WWW.CADCONDESIGN.COM
411@CADCONDESIGN.COM

VICINITY MAP:



GENERAL NOTES:

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DRAWING NAME:
Hurricane Boat Lift
ELEVATION

CONTRACTOR:

ENGINEER OF RECORD

REVISION	DATE
R1	2/2/2022

DRAWN BY:
CadConDesign.com
DATE DRAWN:
DATE SUBMITTED:

DRAWING NO.

03