



DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, JACKSONVILLE DISTRICT
4400 PGA BOULEVARD, SUITE 500
PALM BEACH GARDENS, FLORIDA 33410

September 28, 2022

Regulatory Division
South Branch
Palm Beach Gardens Section
SAJ-2022-02368(GP-KMM)

David Joseph
1100 Highland Beach Drive, Apt A
Highland Beach, FL 33487
Sent via email: DavidJoseph@keyes.com

Dear David Joseph:

The U.S. Army Corps of Engineers (Corps) has completed the review of your application for a Department of the Army permit, which the Corps received on July 27, 2022. Your application was assigned file number SAJ-2022-02368. A review of the information and drawings provided indicates that the proposed work would improve water access of a single-family residence by the installation of a boatlift.

The activities subject to this permit are authorized pursuant to authorities under Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. § 403). The project is located in Intracoastal Waterway at 1100 Highland Beach Drive, in Section 04, Township 47 South, Range 43 East, Highland Beach, Palm Beach County, Florida.

This letter verifies your project, as described above and depicted on the enclosed drawings, is authorized by Regional General Permit (RGP) SAJ-20 and any subsequent modifications, if applicable. **This RGP authorization is valid until March 27, 2023.** Please access the Corps' Jacksonville District Regulatory Division Source Book webpage to view the special and general conditions for SAJ-20, which apply specifically to this authorization. The Internet URL address is: <http://www.saj.usace.army.mil/Missions/Regulatory.aspx>. Please be aware this Internet address is case sensitive; and, you will need to enter it exactly as it appears above. Once there select "Source Book"; and, then select "General Permits." Then you will need to select the specific SAJ permit noted above.

You must comply with ALL the RGP general and special, attached and/or incorporated by reference, and the Project Specific Special Conditions and General Conditions, listed below, or you may be subject to enforcement action.

General Conditions (33 CFR PART 320-330):

1. The time limit for completing the work authorized ends on **March 27, 2023.**
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
4. If you sell the property associated with this permit you must obtain the signature of the new owner on the transfer form attached to this letter and forward a copy to this office to validate the transfer of this authorization.
5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit.
6. You must allow a representative from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Project Specific Special Conditions:

The following project specific special conditions are included with this verification:

1. **Reporting Address:** The Permittee shall submit all reports, notifications, documentation and correspondence required by the general and special conditions of this permit to either (not both) of the following addresses:
 - a. For electronic mail (preferred): SAJ-RD-Enforcement@usace.army.mil (not to exceed 15 MB).
 - b. For standard mail: U.S. Army Corps of Engineers, Regulatory Division, Enforcement Section, P.O. Box 4970, Jacksonville, Florida 32232-0019.

The Permittee shall reference this permit number, SAJ-2022-02368, on all submittals.

2. **Commencement Notification:** Within 10 days from the date of initiating the work authorized by this permit the Permittee shall submit a completed "Commencement Notification" Form (Attachment 2).
3. **As-Built Certification with X-Y Coordinates:** Within 60 days of completion of the authorized work or at the expiration of the construction window of this permit, whichever occurs first, the Permittee shall submit as-built drawings of the authorized work and complete the enclosed "As-Built Certification by Professional Engineer or Surveyor" form, (Attachment 3) to the Corps. The drawings shall be signed and sealed by a registered professional engineer or a professional land surveyor confirming the actual location of all authorized work/structures with respect to the Federal channel and/or within the Federal easement and include the following:
 - a. A plan view drawing of the location of the authorized work footprint (as shown on the permit drawings) with an overlay of the work as constructed in the same scale as the attached permit drawings (8½-inch by 11-inch). The drawings shall include the X & Y State Plane coordination points of the most waterward point of the structure. The drawings shall include the dimensions of the structure, location of mean high water line (MHWL), depth of water (at mean low water) at the waterward end of the structure, and the distance from the waterward end of the structure to the near design edge of the Federal channel.
 - b. List of any deviations between the work authorized by this permit and the work as constructed. In the event the completed work deviates, in any manner, from the authorized work, describe on the As-Built Certification Form the deviations between the work authorized by this permit and the work as constructed. Clearly indicate on the as-built drawings any deviations that have been listed. Please note the depiction and/or description of any deviations on the drawings and/or As-Built Certification Form does not constitute approval of any deviations by the Corps.
 - c. The Department of the Army Permit numb
4. **Assurance of Navigation and Maintenance:** The Permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structures or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the Permittee will be required, upon due notice from the U.S. Army Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

5. **Manatee Conditions:** The Permittee shall comply with the “Standard Manatee Conditions for In-Water Work – 2011” (Attachment 4). The most recent version of the Manatee Conditions must be utilized.
6. **Jacksonville District Programmatic Biological Opinion (JAXBO):** Structures and activities authorized under this permit will be constructed and operated in accordance with all applicable PDCs contained in the JAXBO, based on the permitted activity. Failure to comply with applicable PDCs will constitute noncompliance with this permit. In addition, failure to comply with the applicable PDCs, where a take of listed species occurs, would constitute an unauthorized take. The NMFS is the appropriate authority to determine compliance with the Endangered Species Act. The most current version of JAXBO can be accessed at the Jacksonville District Regulatory Division website in the Endangered Species section of the Sourcebook located at:
<http://www.saj.usace.army.mil/Missions/Regulatory/SourceBook.aspx>

JAXBO may be subject to revision at any time. The most recent version of these JAXBO must be utilized during the design and construction of the permitted work.

7. **Turbidity Barriers:** Prior to the initiation of any of the work authorized by this permit, the Permittee shall install floating turbidity barriers with weighted skirts that extend within 1 foot of the bottom around all work areas that are in, or adjacent to, surface waters. The turbidity barriers shall remain in place and be maintained daily until the authorized work has been completed and turbidity within the construction area has returned to ambient levels. Turbidity barriers shall be removed upon stabilization of the work area.
8. **Cultural Resources/Historic Properties:**
 - a. No structure or work shall adversely affect impact or disturb properties listed in the National Register of Historic Places (NRHP) or those eligible for inclusion in the NRHP.
 - b. If, during permitted activities, items that may have historic or archaeological origin are observed the Permittee shall immediately cease all activities adjacent to the discovery that may result in the destruction of these resources and shall prevent his/her employees from further removing, or otherwise damaging, such resources. The applicant shall notify both the Florida Department of State, Division of Historical Resources, Compliance Review Section at (850)-245-6333 and the Corps, of the observations within the same business day (8 hours). Examples of submerged historical, archaeological or cultural resources include shipwrecks, shipwreck debris fields (such as steam engine parts, or wood

planks and beams), anchors, ballast rock, concreted iron objects, concentrations of coal, prehistoric watercraft (such as log "dugouts"), and other evidence of human activity. The materials may be deeply buried in sediment, resting in shallow sediments or above them, or protruding into water. The Corps shall coordinate with the Florida State Historic Preservation Officer (SHPO) to assess the significance of the discovery and devise appropriate actions. Project activities shall not resume without verbal and/or written authorization from the Corps.

- c. Additional cultural resources assessments may be required of the permit area in the case of unanticipated discoveries as referenced in accordance with the above Special Condition and, if deemed necessary by the SHPO or Corps, in accordance with 36 CFR 800 or 33 CFR 325, Appendix C (5). Based on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Corps may modify, suspend, or revoke the permit in accordance with 33 CFR Part 325.7. Such activity shall not resume on non-federal lands without written authorization from the SHPO for finds under his or her jurisdiction, and from the Corps.
 - d. In the unlikely event that unmarked human remains are identified on non-federal lands; they will be treated in accordance with Section 872.05 Florida Statutes. All work and ground disturbing activities within a 100-meter diameter of the unmarked human remains shall immediately cease and the Permittee shall immediately notify the medical examiner, Corps, and State Archaeologist within the same business day (8-hours). The Corps shall then notify the appropriate SHPO. Based on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Corps may modify, suspend, or revoke the permit in accordance with 33 CFR Part 325.7. Such activity shall not resume without written authorization from the SHPO and from the Corps.
9. **Consent to Easement:** A portion of the authorized work may be located within the Federal right-of-way and therefore, may require a Department of the Army Consent to Easement. A copy of this authorization has been forwarded to the Corps' Real Estate Division for action on the Consent to Easement. Prior to commencement of construction, the Permittee shall provide a copy of the Corps approved Consent to Easement to the address identified in **Reporting Addresses Special Condition**.

The Real Estate Division is responsible for issuing the Consent to Easement. For questions or status updates on the Consent to Easement, please contact Real Estate Division at SAJ-RE-Consent@usace.army.mil or Post Office Box 4970, Jacksonville, Florida 32232-0019 or by telephone at 904-570-4515.

10. **Federal Channel Setback:** The most waterward edge of the authorized project shall be constructed no closer than 68.3 feet from the near design edge of the federal channel as shown in the attached drawings.

Jurisdictional Determination:

A jurisdiction determination was not completed with this request. Therefore, this is not an appealable action. However, you may request an approved JD, which is an appealable action, by contacting the Corps for further instruction.

This letter of authorization does not include conditions that would prevent the 'take' of a state-listed fish or wildlife species. These species are protected under sec. 379.411, Florida Statutes, and listed under Rule 68A-27, Florida Administrative Code. With regard to fish and wildlife species designated as species of special concern or threatened by the State of Florida, you are responsible for coordinating directly with the Florida Fish and Wildlife Conservation Commission (FWC). You can visit the FWC license and permitting webpage (<http://www.myfwc.com/license/wildlife/>) for more information, including a list of those fish and wildlife species designated as species of special concern or threatened. The Florida Natural Areas Inventory (<http://www.fnai.org/>) also maintains updated lists, by county, of documented occurrences of those species.

This letter of authorization does not give absolute Federal authority to perform the work as specified on your application. The proposed work may be subject to local building restrictions mandated by the National Flood Insurance Program. You should contact your local office that issues building permits to determine if your site is located in a flood-prone area, and if you must comply with the local building requirements mandated by the National Flood Insurance Program.

This letter of authorization does not preclude the necessity to obtain any other Federal, State, or local permits, which may be required.

Thank you for your cooperation with our permit program. The Corps' Jacksonville District Regulatory Division is committed to improving service to our customers. We strive to perform our duty in a friendly and timely manner while working to preserve our environment. We invite you to complete our automated Customer Service Survey at <https://regulatory.ops.usace.army.mil/customer-service-survey/>. Please be aware this Internet address is case sensitive; and, you will need to enter it exactly as it appears above. Your input is appreciated – favorable or otherwise.

Should you have any questions related to this RGP verification or have issues accessing the documents referenced in this letter, please contact Kaitlyn Mallett at the

-7-

letterhead address above, via telephone at 561-510-6534, or via e-mail at Kaitlyn.M.Mallett@usace.army.mil.

Sincerely,

Kaitlyn Mallett

Kaitlyn Mallett
Project Manager

Enclosures

Project Drawings

Commencement Notification form

Self-Certification Statement of Compliance form

Standard Manatee Conditions for In-Water Work—2011

Cc:

Taylor McInnis, Dock Masters Plus, taylor@dockmastersplus.com

DEPARTMENT OF THE ARMY PERMIT TRANSFER REQUEST

DA PERMIT NUMBER: SAJ-2022-02368(GP-KMM)

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. Although the construction period for works authorized by Department of the Army permits is finite, the permit itself, with its limitations, does not expire.

To validate the transfer of this permit and the associated responsibilities associated with compliance with its terms and conditions, have the transferee sign and date below and mail to the U.S. Army Corps of Engineers, Enforcement Section, Post Office Box 4970, Jacksonville, FL 32232-0019 or submit via electronic mail to: SAJ-RD-Enforcement@usace.army.mil (not to exceed 15 MB).

(TRANSFEREE-SIGNATURE)

(SUBDIVISION)

(DATE)

(LOT)

(BLOCK)

(NAME-PRINTED)

(STREET ADDRESS)

(MAILING ADDRESS)

(CITY, STATE, ZIP CODE)

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)
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'± = 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

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

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 158.14 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 SOUTHWESTERLY 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 14.76 FEET TO THE SOUTHEAST CORNER OF LOT 15; THENCE SOUTHWESTERLY ALONG THE SOUTHEASTERLY 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 NORTHERLY 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 SOUTHERLY, RADIAL TO THE PRECEDING ARC, A DISTANCE OF 29.05 FEET TO A POINT; THENCE NORTHEASTERLY ALONG A LINE LYING PARALLEL TO AND 26.59 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.

SYMBOL

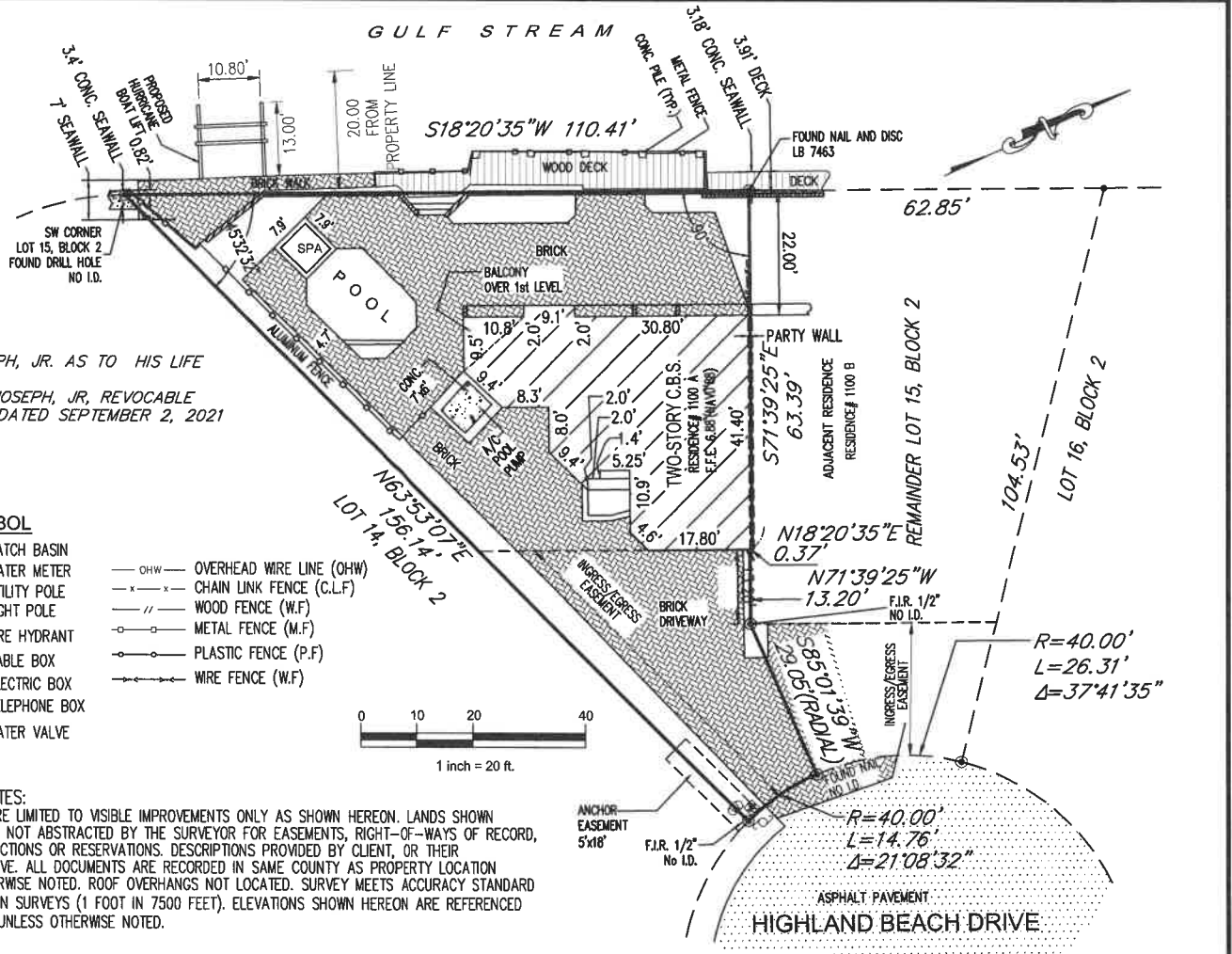
○ CATCH BASIN
○ WATER METER
○ UTILITY POLE
○ LIGHT POLE
○ FIRE HYDRANT
○ CABLE BOX
○ ELECTRIC BOX
○ TELEPHONE BOX
○ WATER VALVE

— OHW — OVERHEAD WIRE LINE (OHW)
— x — CHAIN LINK FENCE (C.L.F.)
— // — WOOD FENCE (W.F.)
— | — METAL FENCE (M.F.)
— o — PLASTIC FENCE (P.F.)
— — — WIRE FENCE (W.F.)


0 10 20 40
1 inch = 20 ft.

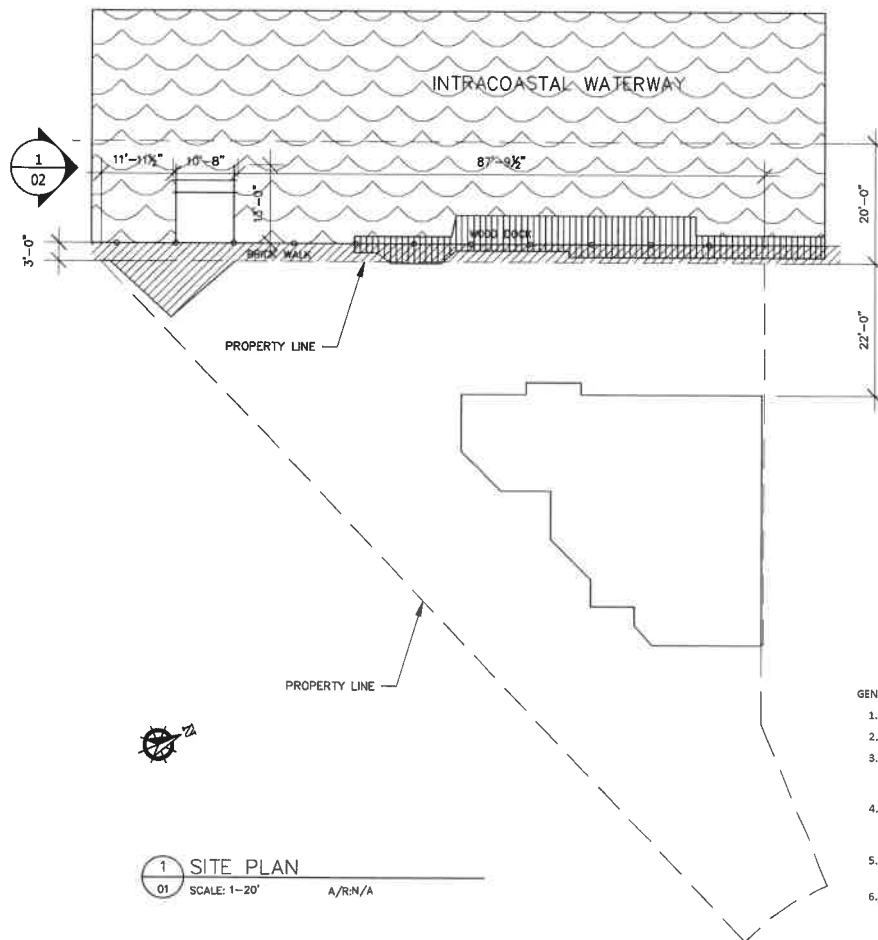
SURVEY NOTES:

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.



SHEET 1 OF 1

MAP OF BOUNDARY SURVEY			SCALE: 1" = 20'	<div>NOTES/REVISIONS</div> <div><div>BOAT LIFT: 01/14/22</div><div>UPDATED: 12/28/21</div><div>UPDATED : 01/23/20</div><div>PARTY CHIEF: ERNIE</div><div>SURVEY DATE: 10/10/11</div></div>	<div>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.</div> <div>Digitally signed by John E Kuhar:A01410D00000178414F17150006D0E DN: c=US, o=BASELINE LAND SURVEY LLC, cn=John E Kuhar:A01410D00000178414F17150006D0E Date: 2022.01.14 16:10:19 -0500</div> <div>JOHN E. KUJAR, PSM, STATE OF FLORIDA PROFESSIONAL SURVEYOR AND MAPPER LS 6711 NOT VALID WITHOUT THE ELECTRONIC SIGNATURE AND THE ORIGINAL SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.</div>	<div> BASELINE LAND SURVEY LLC 1400 N.W. 1st COURT BOCA RATON, FLORIDA 33432 (561) 417-0700 LB-8229 JOB NO.: 11-10-007-UPD</div>
COMMUNITY PANEL#	FLOOD ZONE:	BASE FLOOD EL.:	DRAWN BY: ELF.			
125111 0989 F	AE	6.0'(NAVD'88)	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.					
PROPERTY ADDRESS: 1100 HIGHLAND BEACH DRIVE, HIGHLAND BEACH, FLORIDA 33487						



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

PROJECT DESIGN DATA		12/21/2022
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 33467	
ENGINEER	Paul Welch Inc.	
RISK CATEGORY	I	
WIND SPEED ASCE 7-16 (3 Sec Gust)	85 MPH	
ASD	130 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 1989.
- 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

VICINITY MAP:



GENERAL NOTES:

PLOT SIZE 11X17 TABLOID

PAUL WELCH INC.

FLORIDA REGISTRATION #29945
MECHANICAL, ELECTRICAL & CIVIL ENGINEERING
11964 PALM BLVD. SUITE 114
PORT LUDIC, FL 34984
(772) 785-9888

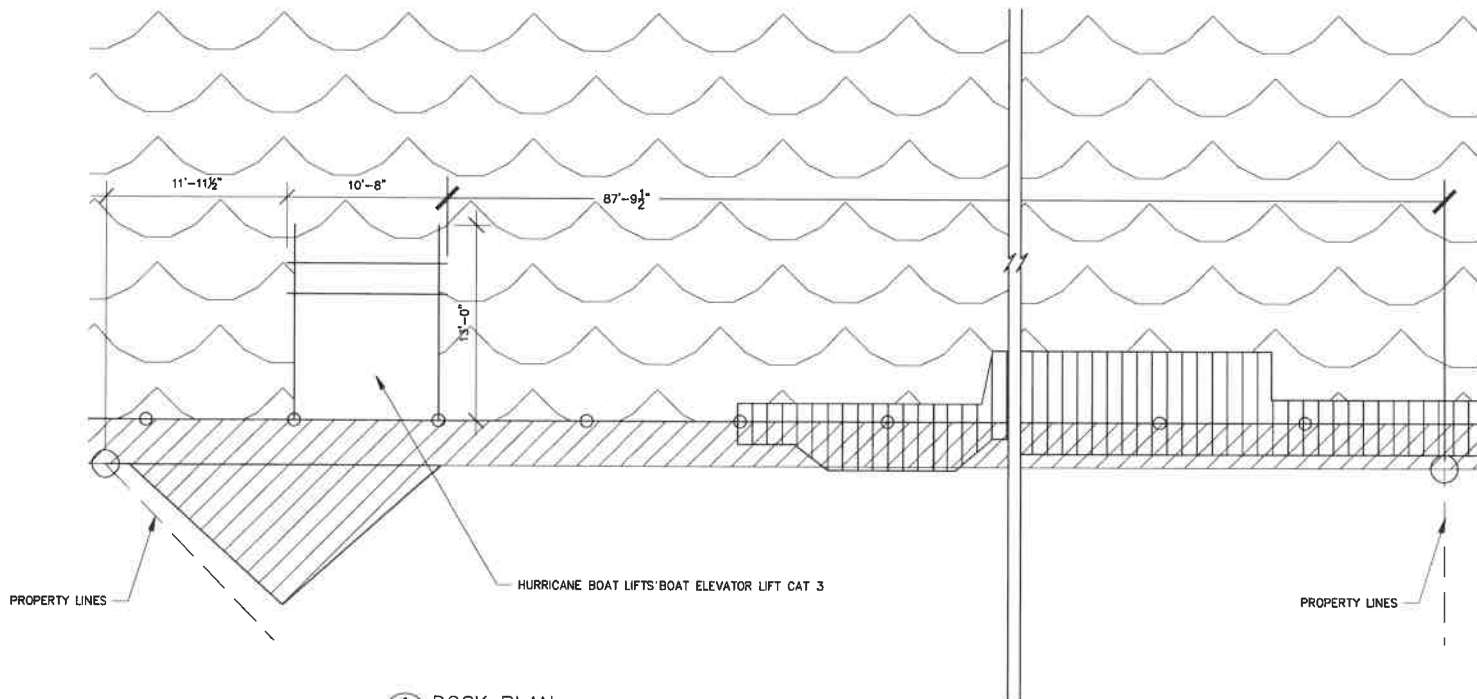
JOB NAME:
1100 Highland Beach Drive,
Apt A, Highland Beach, FL 33467

DRAWING NAME:
Hurricane Boat Lift
SITE PLAN

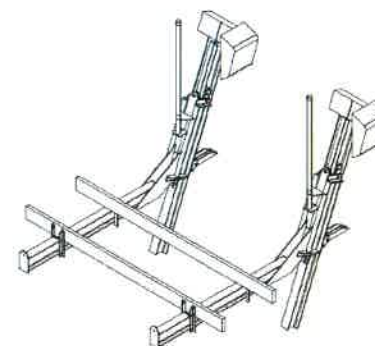
CONTRACTOR:

ENGINEER OF RECORD

REVISION	DATE
R1	2/2/2022
DRAWN BY: CadConDesign.com	DRAWING NO. 01
DATE DRAWN:	
DATE SUBMITTED:	



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

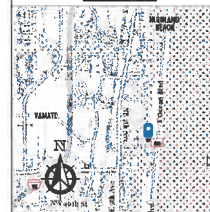


Hurricane Boat Lifts' Boat Elevator lift CAT 3



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

VICINITY MAP:



GENERAL NOTES:

PLOT SIZE 11X17 TABLOID

PAUL WELCH INC.
FLORIDA REGISTRATION #29945
MECHANICAL & ELECTRICAL & CIVIL ENGINEERING
1984 S.W. BILTMORE ST., SUITE #114
PORT WORTH, FL 33064
(772) 785-9888

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

DRAWING NAME:
Hurricane Boat Lift
PLAN

CONTRACTOR:

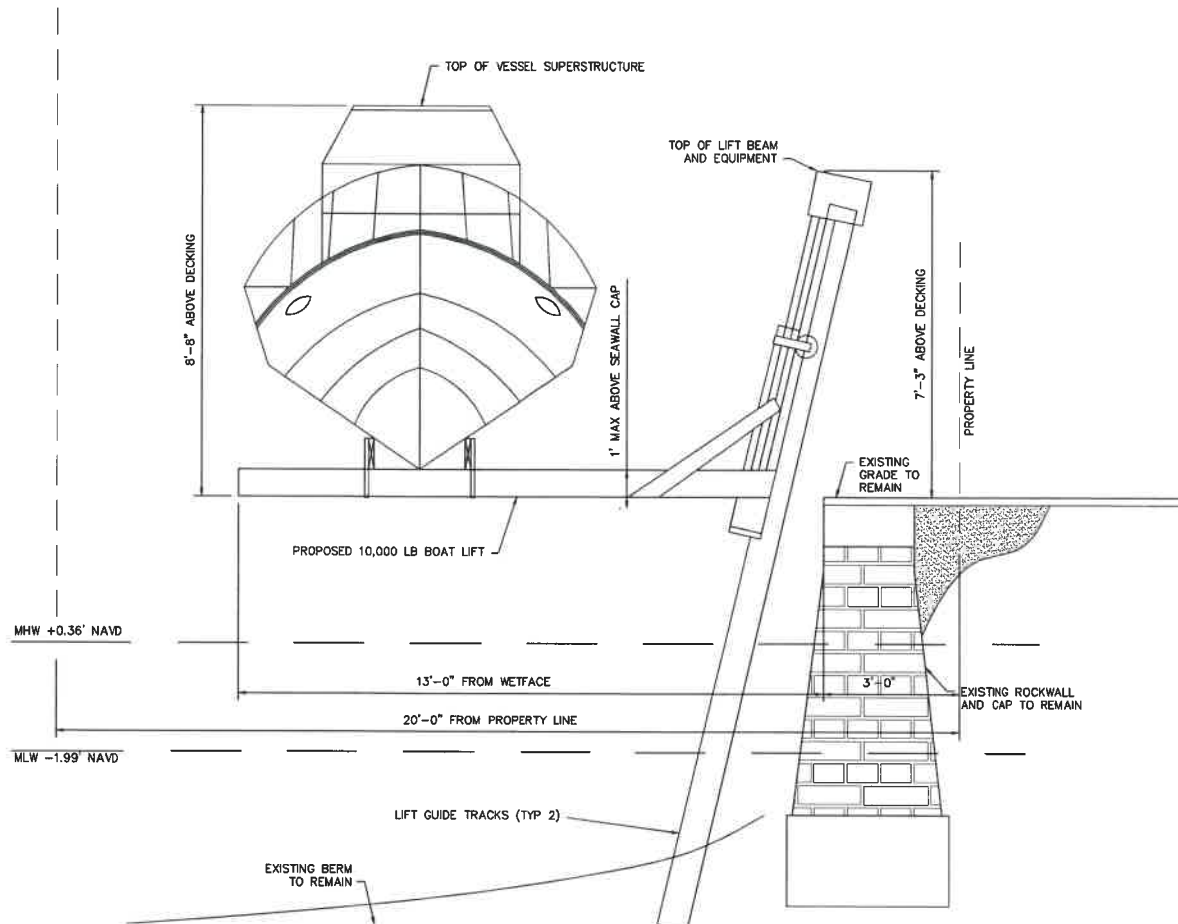
ENGINEER OF RECORD

REVISION	DATE
R1	2/2/2022

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

DRAWING NO.
02

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)

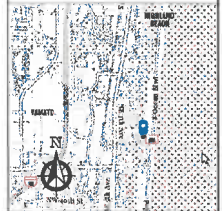


1 DOCK & LIFT SEC
03 SCALE: 3/8" = 1'-0" A/RN/A



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

VICINITY MAP:



GENERAL NOTES:

PLOT SIZE 11X17 TABLOID

PAUL WELCH INC.

FLORIDA REGISTRATION #29945
MECHANICAL • ELECTRICAL • CIVIL ENGINEERING
1984 B.W. SULLY RD. 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
ELEVATION

CONTRACTOR:

ENGINEER OF RECORD

REVISION	DATE
R1	2/2/2022

DRAWN BY:
CadConDesign.com

DATE DRAWN:

DATE SUBMITTED:

DRAWING NO.

03

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'± = 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 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 14.76 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

OVERHEAD WIRE LINE (OHW)
 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'

DRAWN BY: ELF.

CHECKED BY: J.K.

NOTES/REVISIONS

ADDED COORD.: 08/02/22

BOAT LIFT: 01/14/22

UPDATED: 12/28/21

UPDATED: 01/23/20

PARTY CHIEF: ERNIE

SURVEY DATE: 10/10/11

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.

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'

Date: 08/02/2022

JOHN E. KUHAR, P.S.M., STATE OF FLORIDA
PROFESSIONAL SURVEYOR AND MAPPER LS 6711
NOT VALID WITHOUT THE ELECTRONIC SIGNATURE AND THE ORIGINAL SEAL OF A
FLORIDA LICENSED SURVEYOR AND MAPPER.



BASELINE LAND SURVEY LLC

1400 N.W. 1st COURT
BOCA RATON, FLORIDA 33432
(561) 417-0700 LB-8229
JOB NO.: 11-10-007-UPD

COMMUNITY PANEL#
125111 0989 F

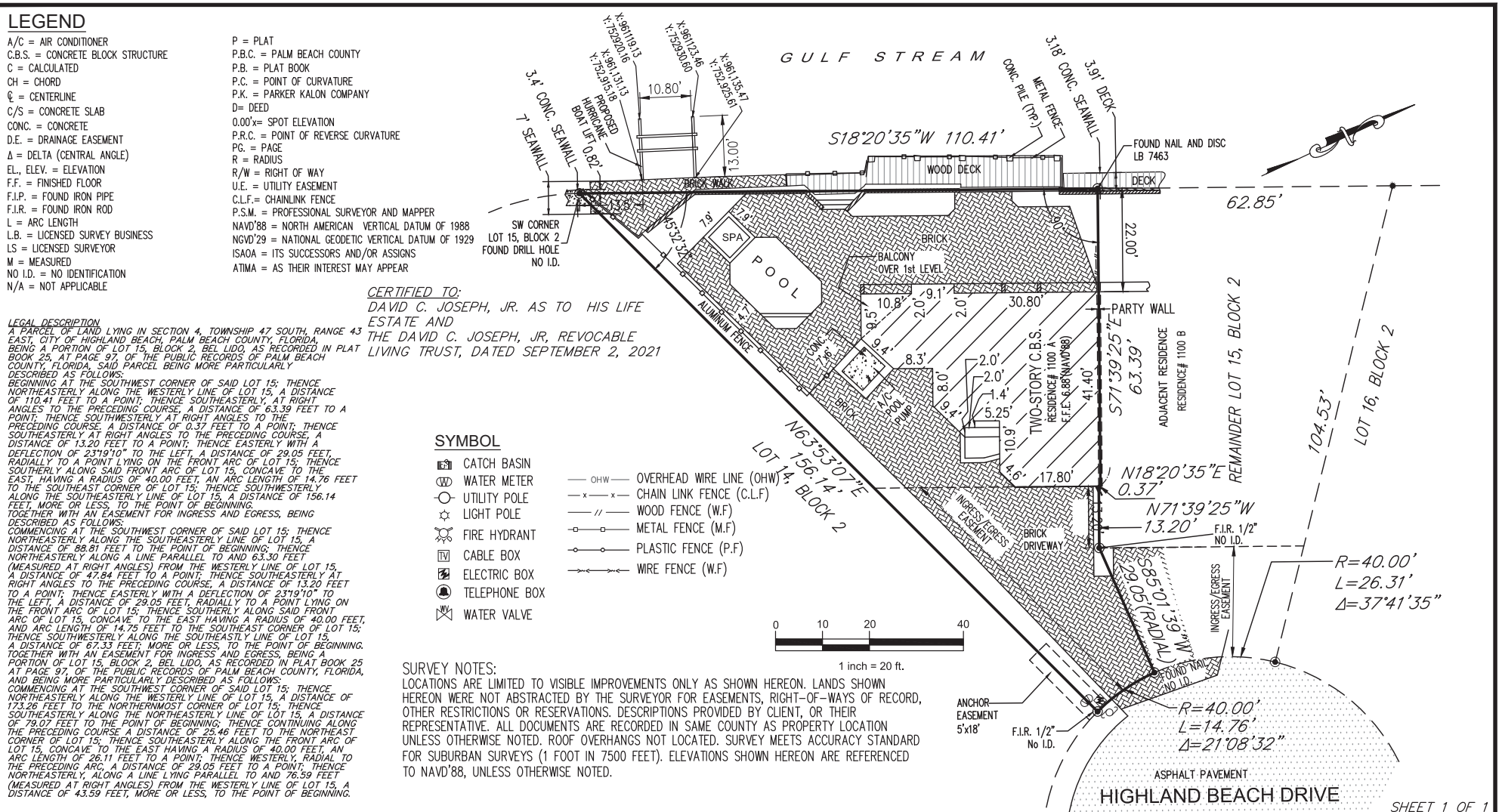
FLOOD ZONE:
AE

BASE FLOOD EL.:
6.0'(NAVD'88)

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.

PROPERTY ADDRESS: 1100 HIGHLAND BEACH DRIVE, HIGHLAND BEACH, FLORIDA 33487



SHEET 1 OF 1

COMMENCEMENT NOTIFICATION

*Within ten (10) days of initiating the authorized work, submit this form to via electronic mail to saj-rd-enforcement@usace.army.mil (preferred, not to exceed 15 MB) **or** by standard mail to U.S. Army Corps of Engineers, Enforcement Section, P.O. Box 4970, Jacksonville, FL 32232-0019.*

1. **Department of the Army Permit Number:** SAJ- - (-)

2. **Permittee Information:**

Name: _____

Email: _____

Address: _____

Phone: _____

3. **Construction Start Date:** _____

4. **Contact to Schedule Inspection:**

Name: _____

Email: _____

Phone: _____

Signature of Permittee

Printed Name of Permittee

Date

AS-BUILT CERTIFICATION BY PROFESSIONAL ENGINEER

Submit this form and one set of as-built engineering drawings to the U.S. Army Corps of Engineers, Enforcement Section, P.O. Box 4970, Jacksonville, FL 32232-0019. For electronic mail saj-rd-enforcement@usace.army.mil (not to exceed 15 MB).

1. Department of the Army Permit Number: SAJ- - (-)

2. Permittee Information:

Name: _____

Address: _____

3. Project Site Identification (physical location/address):

4. As-Built Certification: I hereby certify that the authorized work, including any mitigation required by Special Conditions to the permit, has been accomplished in accordance with the Department of the Army permit with any deviations noted below. This determination is based upon on-site observation, scheduled, and conducted by me or by a project representative under my direct supervision. I have enclosed one set of as-built engineering drawings.

Signature of Engineer

Name (*Please type*)

(FL, PR, or VI) Reg. Number

Company Name

City

State

ZIP

(Affix Seal)

Date

Telephone Number

Date Work Started: _____ Date Work Completed: _____

Identify any deviations from the approved permit drawings and/or special conditions (attach additional pages if necessary):

STANDARD MANATEE CONDITIONS FOR IN-WATER WORK

2011

The permittee shall comply with the following conditions intended to protect manatees from direct project effects:

- a. All personnel associated with the project shall be instructed about the presence of manatees and manatee speed zones, and the need to avoid collisions with and injury to manatees. The permittee shall advise all construction personnel that there are civil and criminal penalties for harming, harassing, or killing manatees which are protected under the Marine Mammal Protection Act, the Endangered Species Act, and the Florida Manatee Sanctuary Act.
- b. All vessels associated with the construction project shall operate at "Idle Speed/No Wake" at all times while in the immediate area and while in water where the draft of the vessel provides less than a four-foot clearance from the bottom. All vessels will follow routes of deep water whenever possible.
- c. Siltation or turbidity barriers shall be made of material in which manatees cannot become entangled, shall be properly secured, and shall be regularly monitored to avoid manatee entanglement or entrapment. Barriers must not impede manatee movement.
- d. All on-site project personnel are responsible for observing water-related activities for the presence of manatee(s). All in-water operations, including vessels, must be shutdown if a manatee(s) comes within 50 feet of the operation. Activities will not resume until the manatee(s) has moved beyond the 50-foot radius of the project operation, or until 30 minutes elapses if the manatee(s) has not reappeared within 50 feet of the operation. Animals must not be herded away or harassed into leaving.
- e. Any collision with or injury to a manatee shall be reported immediately to the Florida Fish and Wildlife Conservation Commission (FWC) Hotline at 1-888-404-3922. Collision and/or injury should also be reported to the U.S. Fish and Wildlife Service in Jacksonville (1-904-731-3336) for north Florida or Vero Beach (1-772-562-3909) for south Florida, and to FWC at ImperiledSpecies@myFWC.com
- f. Temporary signs concerning manatees shall be posted prior to and during all in-water project activities. All signs are to be removed by the permittee upon completion of the project. Temporary signs that have already been approved for this use by the FWC must be used. One sign which reads *Caution: Boaters* must be posted. A second sign measuring at least 8 ½" by 11" explaining the requirements for "Idle Speed/No Wake" and the shut down of in-water operations must be posted in a location prominently visible to all personnel engaged in water-related activities. These signs can be viewed at MyFWC.com/manatee. Questions concerning these signs can be sent to the email address listed above.

CAUTION: MANATEE HABITAT

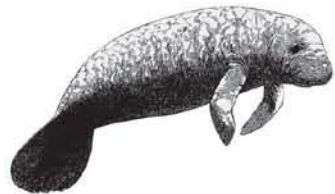
All project vessels

IDLE SPEED / NO WAKE

When a manatee is within 50 feet of work
all in-water activities must

SHUT DOWN

Report any collision with or injury to a manatee:



Wildlife Alert:

1-888-404-FWCC(3922)

cell *FWC or #FWC